

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040124\
 Data File : BM044874.D
 Acq On : 01 Apr 2024 20:30
 Operator : MA/JU
 Sample : PB159928BS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS928

Quant Time: Apr 01 22:13:32 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM030524.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Mar 31 13:54:26 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.657	152	80910	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.433	136	334707	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.304	164	190990	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.062	188	351869	20.000	ng/ul	0.00
79) Chrysene-d12	21.262	240	309932	20.000	ng/ul	0.00
88) Perylene-d12	23.491	264	353708	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.234	96	14282	5.987	ng/uL	0.00
4) Pyridine-d5	3.628	84	196369	27.967	ng/ul	0.00
7) Phenol-d5	6.840	99	269381	32.383	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.010	67	167014	32.504	ng/ul	0.00
11) 2-Chlorophenol-d4	7.193	132	202788	33.173	ng/ul	0.00
15) 4-Methylphenol-d8	8.369	113	209164	32.017	ng/ul	0.00
21) Nitrobenzene-d5	8.822	128	101433	35.989	ng/ul	0.00
24) 2-Nitrophenol-d4	9.534	143	111064	36.554	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.063	165	202549	39.170	ng/ul	0.00
31) 4-Chloroaniline-d4	10.592	131	19272	2.244	ng/ul	0.00
46) Dimethylphthalate-d6	13.727	166	529244	35.325	ng/ul	0.00
49) Acenaphthylene-d8	13.998	160	619807	36.174	ng/ul	0.00
54) 4-Nitrophenol-d4	14.533	143	94330	30.361	ng/ul	0.00
60) Fluorene-d10	15.304	176	443684	35.241	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.445	200	85126	37.270	ng/ul	0.00
73) Anthracene-d10	17.162	188	639276	38.009	ng/ul	0.00
81) Pyrene-d10	19.462	212	696945	36.664	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.350	264	699521	37.626	ng/ul	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.263	88	28259	11.442	ng/uL#	92
5) Pyridine	3.646	79	265985	36.524	ng/ul#	80
6) Benzaldehyde	6.822	77	118617	32.738	ng/ul	94
8) Phenol	6.863	94	269933	31.795	ng/ul#	86
10) Bis(2-Chloroethyl)ether	7.104	93	205070	29.417	ng/ul	92
12) 2-Chlorophenol	7.228	128	202150	32.061	ng/ul	96
13) 2-Methylphenol	8.104	108	200352	31.099	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.181	45	341733	37.120	ng/ul	94
16) Acetophenone	8.487	105	314070	30.998	ng/ul#	88
17) N-Nitroso-di-n-propyla...	8.475	70	170273	32.527	ng/ul#	79
18) 4-Methylphenol	8.434	108	218448	31.149	ng/ul	95
19) Hexachloroethane	8.716	117	85584	33.137	ng/ul	93
22) Nitrobenzene	8.863	77	248293	37.148	ng/ul	93
23) Isophorone	9.386	82	478156	35.064	ng/ul	96
25) 2-Nitrophenol	9.563	139	115473	34.860	ng/ul#	87
26) 2,4-Dimethylphenol	9.622	107	231190	38.358	ng/ul	93
27) Bis(2-Chloroethoxy)met...	9.869	93	282935	32.991	ng/ul	99
29) 2,4-Dichlorophenol	10.092	162	192370	37.263	ng/ul	99
30) Naphthalene	10.486	128	635230	33.509	ng/ul	99
32) 4-Chloroaniline	10.616	127	62949	7.603	ng/ul	94
33) Hexachlorobutadiene	10.751	225	110592	38.220	ng/ul	96
34) Caprolactam	11.416	113	41677	20.730	ng/ul#	74
35) 4-Chloro-3-methylphenol	11.739	107	203242	33.948	ng/ul	98
36) 2-Methylnaphthalene	12.104	142	420407	33.349	ng/ul	99

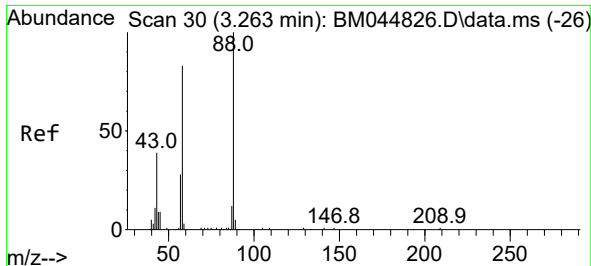
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040124\
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 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Mar 31 13:54:26 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.327	142	419191	33.709	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.475	216	208659	38.402	ng/ul	99
40) Hexachlorocyclopentadiene	12.439	237	122687	34.015	ng/ul	99
41) 2,4,6-Trichlorophenol	12.727	196	138776	36.432	ng/ul	99
42) 2,4,5-Trichlorophenol	12.804	196	150397	36.842	ng/ul	97
43) 1,1'-Biphenyl	13.133	154	539459	35.570	ng/ul	99
44) 2-Chloronaphthalene	13.174	162	419477	35.246	ng/ul	99
45) 2-Nitroaniline	13.398	65	142645	38.178	ng/ul	91
47) Dimethylphthalate	13.774	163	514381	33.740	ng/ul	99
48) 2,6-Dinitrotoluene	13.904	165	104178	34.211	ng/ul	95
50) Acenaphthylene	14.027	152	704896	35.297	ng/ul	99
51) 3-Nitroaniline	14.233	138	95185	28.939	ng/ul	90
52) Acenaphthene	14.369	153	463858	35.332	ng/ul	100
53) 2,4-Dinitrophenol	14.451	184	56477	28.994	ng/ul#	85
55) 4-Nitrophenol	14.545	109	80995	37.207	ng/ul#	79
56) Dibenzofuran	14.710	168	611511	35.017	ng/ul	99
57) 2,4-Dinitrotoluene	14.698	165	149432	33.995	ng/ul#	64
58) 2,3,4,6-Tetrachlorophenol	14.939	232	114093	33.774	ng/ul	98
59) Diethylphthalate	15.151	149	524090	33.125	ng/ul	99
61) Fluorene	15.363	166	510985	35.777	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.363	204	245913	37.097	ng/ul	98
63) 4-Nitroaniline	15.404	138	94953	30.205	ng/ul#	84
66) 4,6-Dinitro-2-methylph...	15.457	198	86799	35.562	ng/ul#	90
67) N-Nitrosodiphenylamine	15.580	169	371831	35.086	ng/ul	99
68) 4-Bromophenyl-phenylether	16.257	248	141473	40.197	ng/ul	97
69) Hexachlorobenzene	16.357	284	167602	41.809	ng/ul	97
70) Atrazine	16.545	200	5965	1.722	ng/ul	96
71) Pentachlorophenol	16.710	266	91655	34.625	ng/ul	98
72) Phenanthrene	17.104	178	721771	36.160	ng/ul	100
74) Anthracene	17.198	178	743764	36.844	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.092	216	208641	44.394	ng/ul	99
76) Pentachlorobenzene	14.621	250	198239	43.629	ng/ul	99
77) Carbazole	17.474	167	633060	33.372	ng/ul	99
78) Di-n-butylphthalate	18.045	149	865191	33.908	ng/ul#	99
80) Fluoranthene	19.127	202	796386	35.179	ng/ul	97
82) Pyrene	19.492	202	834378	35.402	ng/ul	97
83) Butylbenzylphthalate	20.409	149	368080	31.762	ng/ul	89
84) 3,3'-Dichlorobenzidine	21.192	252	20299	3.028	ng/ul	94
85) Benzo(a)anthracene	21.245	228	810251	34.813	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.192	149	546131	32.321	ng/ul	96
87) Chrysene	21.297	228	750998	34.852	ng/ul	99
89) Di-n-octyl phthalate	22.074	149	978292	30.905	ng/ul	100
90) Benzo(b)fluoranthene	22.821	252	821161	34.695	ng/ul	99
91) Benzo(k)fluoranthene	22.868	252	819642	35.359	ng/ul	98
93) Benzo(a)pyrene	23.397	252	798468	36.065	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	25.744	276	994113	40.033	ng/ul	96
95) Dibenzo(a,h)anthracene	25.756	278	842414	40.685	ng/ul	96
96) Benzo(g,h,i)perylene	26.421	276	785189	39.623	ng/ul	97

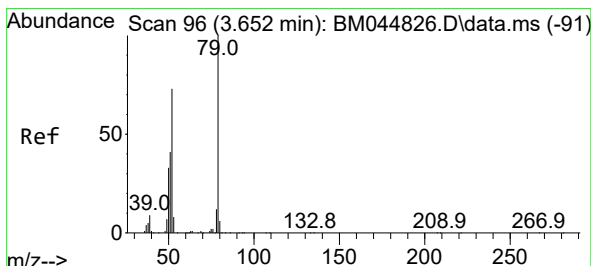
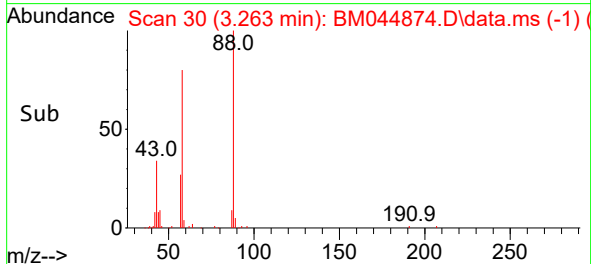
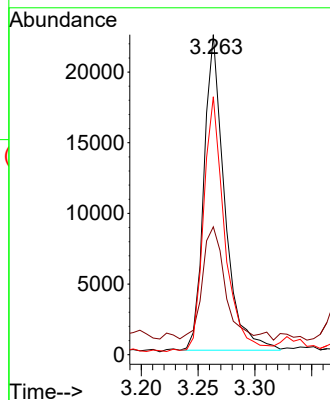
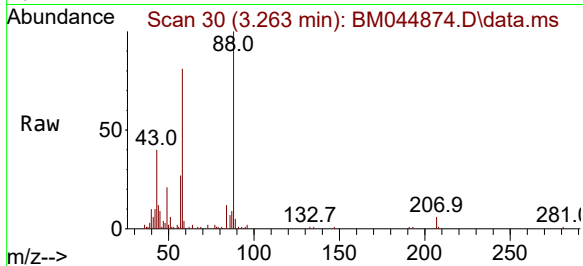
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#2
1,4-Dioxane
Concen: 11.442 ng/uL
RT: 3.263 min Scan# 30
Delta R.T. 0.000 min
Lab File: BM044874.D
Acq: 01 Apr 2024 20:30

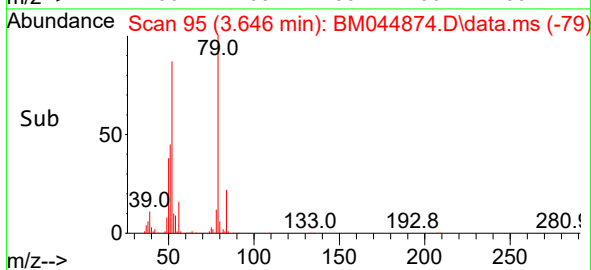
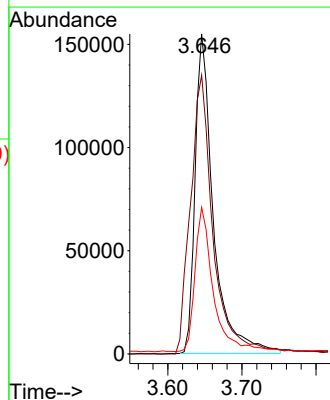
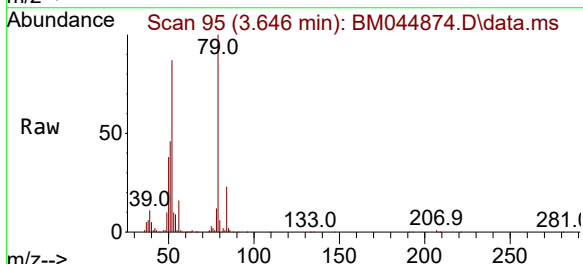
Instrument :
BNA_M
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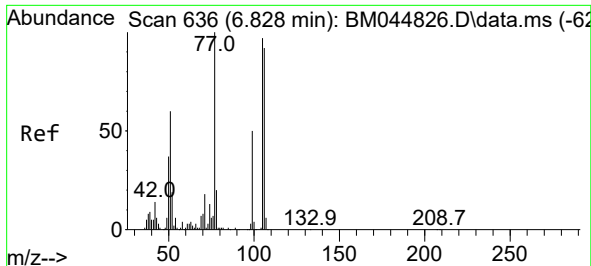
Tgt Ion: 88 Resp: 28259
Ion Ratio Lower Upper
88 100
43 40.0 23.8 35.6#
58 80.6 61.6 92.4



#5
Pyridine
Concen: 36.524 ng/uL
RT: 3.646 min Scan# 95
Delta R.T. -0.006 min
Lab File: BM044874.D
Acq: 01 Apr 2024 20:30

Tgt Ion: 79 Resp: 265985
Ion Ratio Lower Upper
79 100
52 87.1 57.4 86.0#
51 45.8 26.6 39.8#

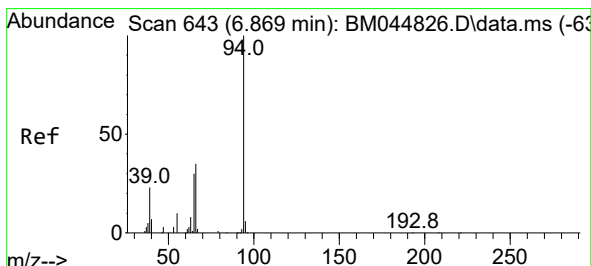
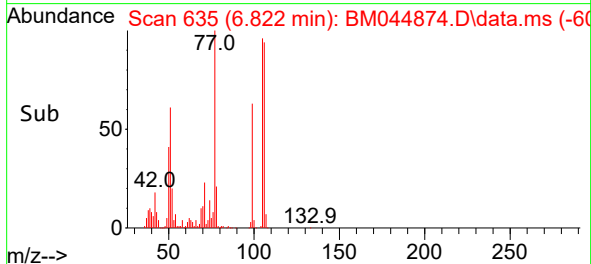
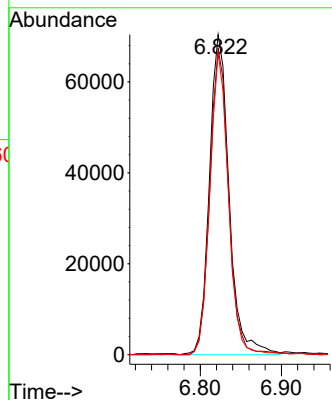
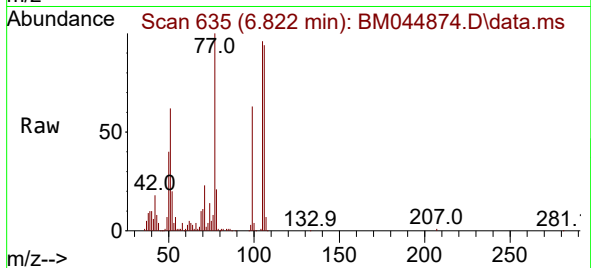




#6
Benzaldehyde
Concen: 32.738 ng/ul
RT: 6.822 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM044874.D
Acq: 01 Apr 2024 20:30

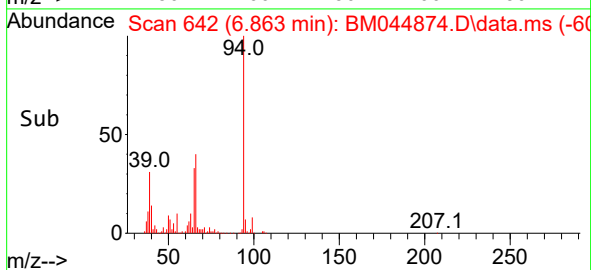
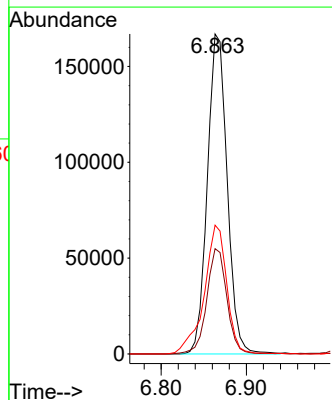
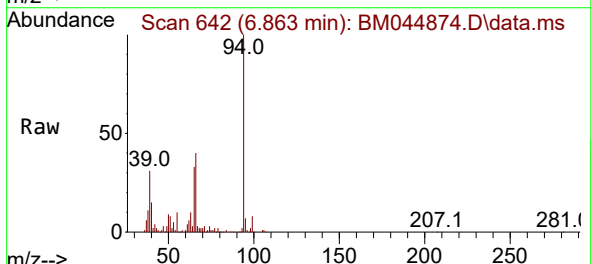
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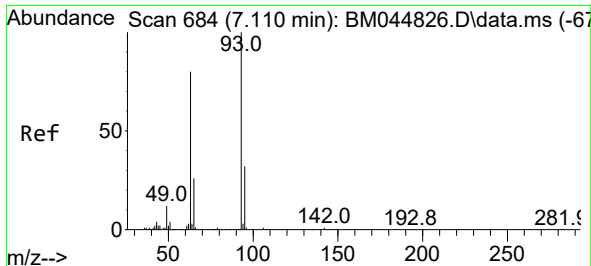
Tgt Ion: 77 Resp: 118617
Ion Ratio Lower Upper
77 100
105 95.8 81.4 122.0
106 94.2 80.2 120.4



#8
Phenol
Concen: 31.795 ng/ul
RT: 6.863 min Scan# 642
Delta R.T. -0.006 min
Lab File: BM044874.D
Acq: 01 Apr 2024 20:30

Tgt Ion: 94 Resp: 269933
Ion Ratio Lower Upper
94 100
65 32.9 21.3 31.9#
66 40.3 25.4 38.2#

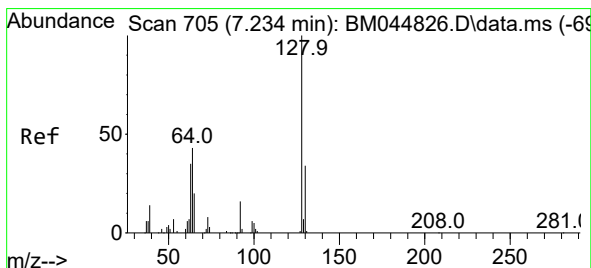
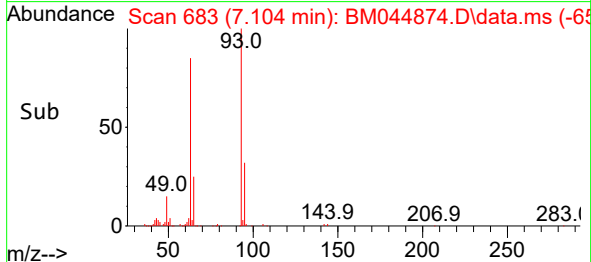
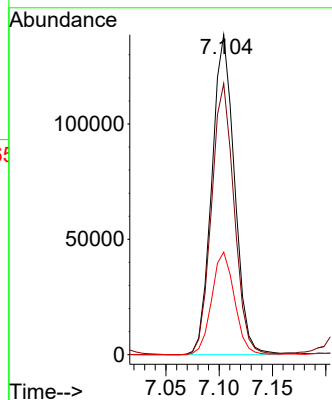
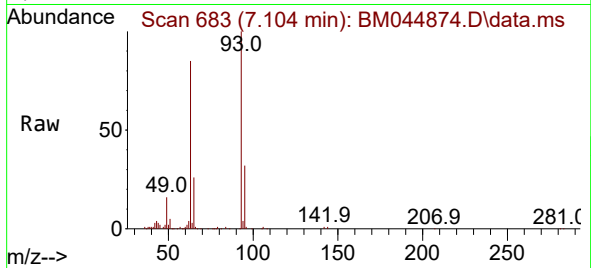




#10
Bis(2-Chloroethyl)ether
Concen: 29.417 ng/ul
RT: 7.104 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM044874.D
Acq: 01 Apr 2024 20:30

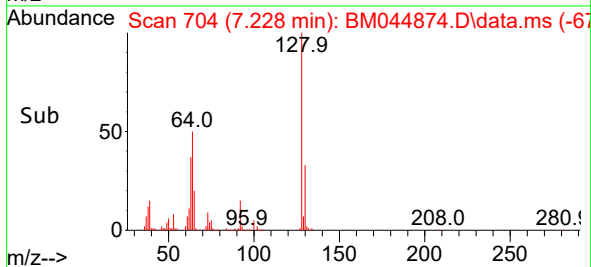
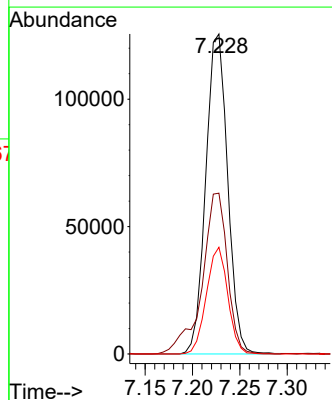
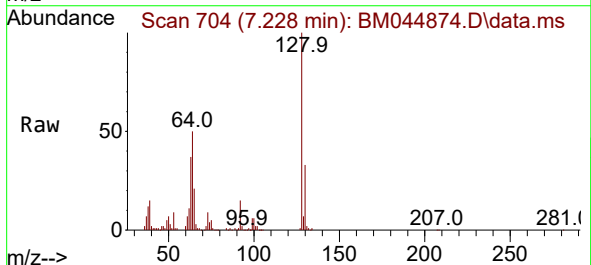
Instrument :
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ClientSampleId :
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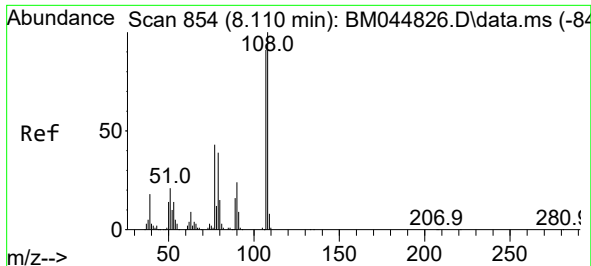
Tgt Ion: 93 Resp: 205070
Ion Ratio Lower Upper
93 100
63 84.7 60.2 90.4
95 32.1 26.8 40.2



#12
2-Chlorophenol
Concen: 32.061 ng/ul
RT: 7.228 min Scan# 704
Delta R.T. -0.006 min
Lab File: BM044874.D
Acq: 01 Apr 2024 20:30

Tgt Ion:128 Resp: 202150
Ion Ratio Lower Upper
128 100
64 50.3 37.4 56.2
130 33.3 25.4 38.0





#13

2-Methylphenol

Concen: 31.099 ng/ul

RT: 8.104 min Scan# 8

Delta R.T. -0.006 min

Lab File: BM044874.D

Acq: 01 Apr 2024 20:30

Instrument :

BNA_M

ClientSampleId :

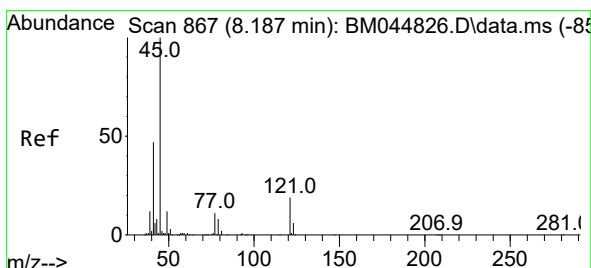
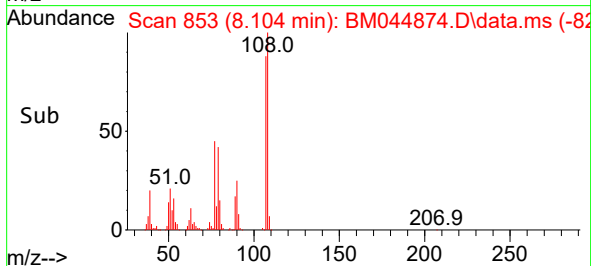
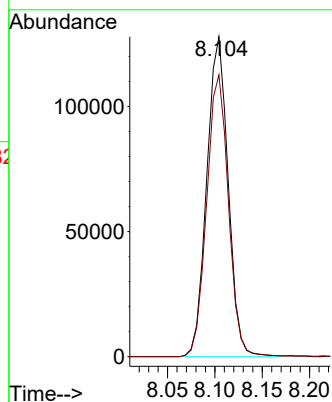
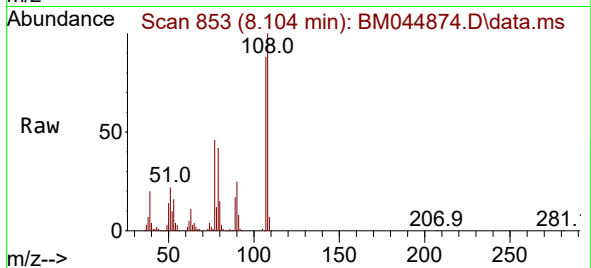
SLCS928

Tgt Ion:108 Resp: 200352

Ion Ratio Lower Upper

108 100

107 88.1 71.7 107.5



#14

2,2'-oxybis(1-Chloropropane)

Concen: 37.120 ng/ul

RT: 8.181 min Scan# 866

Delta R.T. -0.006 min

Lab File: BM044874.D

Acq: 01 Apr 2024 20:30

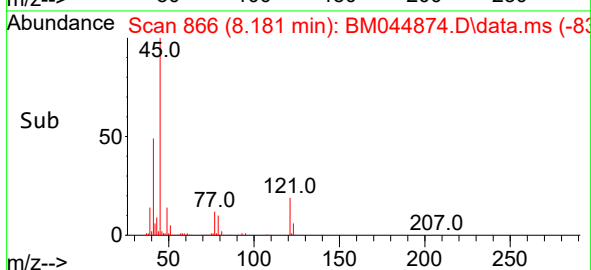
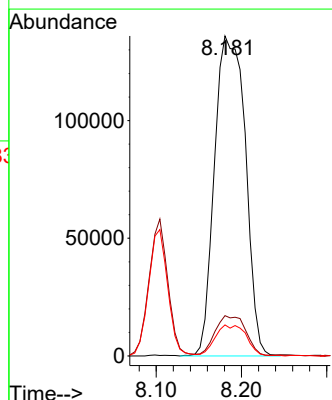
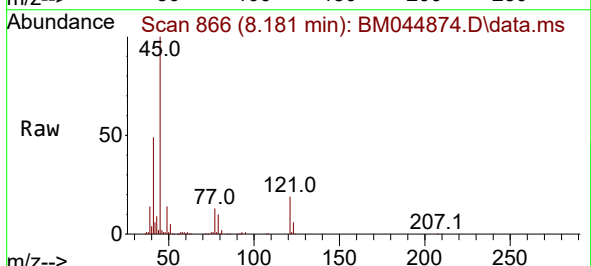
Tgt Ion: 45 Resp: 341733

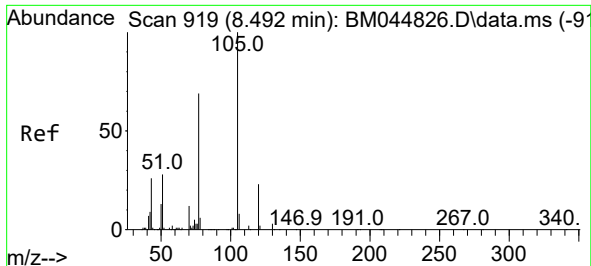
Ion Ratio Lower Upper

45 100

77 12.6 12.4 18.6

79 9.7 9.0 13.6

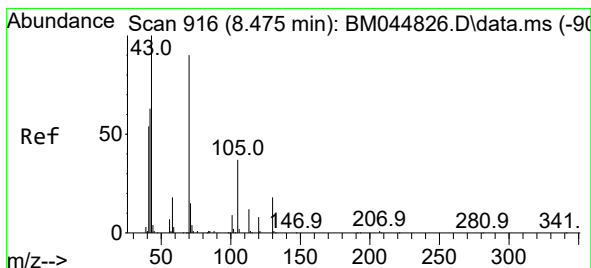
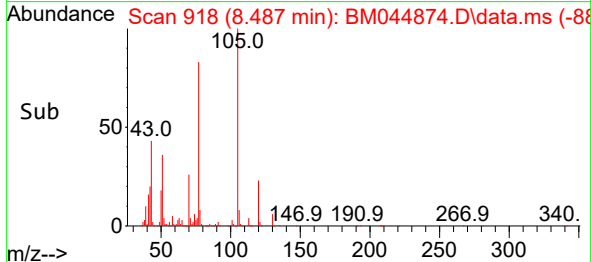
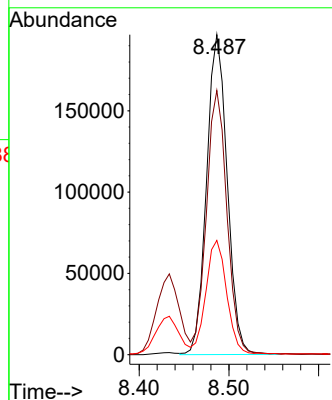
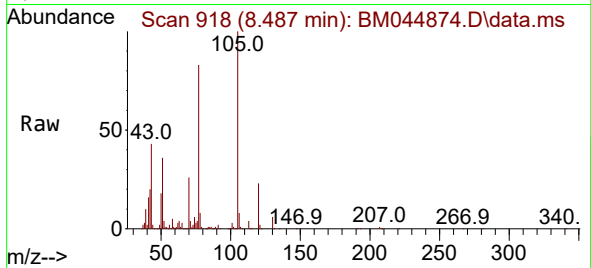




#16
 Acetophenone
 Concen: 30.998 ng/ul
 RT: 8.487 min Scan# 918
 Delta R.T. -0.006 min
 Lab File: BM044874.D
 Acq: 01 Apr 2024 20:30

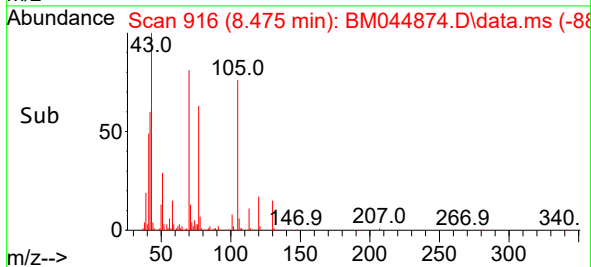
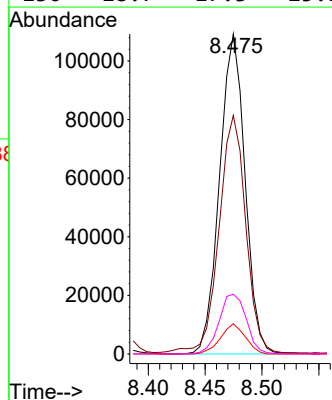
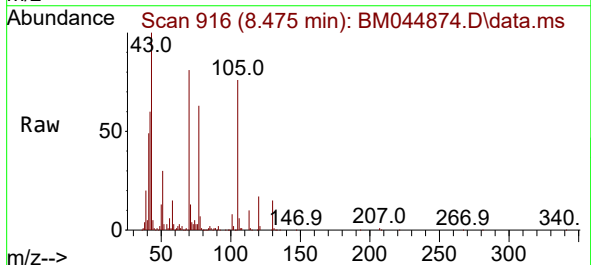
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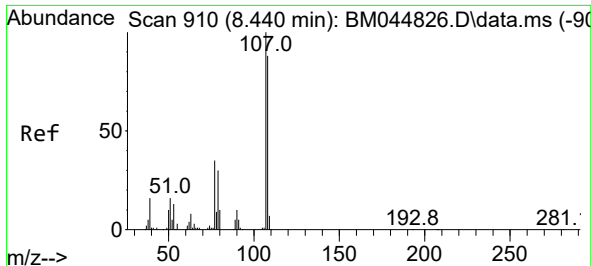
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 Ion Ratio Lower Upper
 105 100
 77 82.6 59.5 89.3
 51 35.7 20.2 30.4#



#17
 N-Nitroso-di-n-propylamine
 Concen: 32.527 ng/ul
 RT: 8.475 min Scan# 916
 Delta R.T. 0.000 min
 Lab File: BM044874.D
 Acq: 01 Apr 2024 20:30

Tgt Ion: 70 Resp: 170273
 Ion Ratio Lower Upper
 70 100
 42 74.5 42.7 64.1#
 101 9.5 7.1 10.7
 130 18.7 17.3 25.9





#18

4-Methylphenol

Concen: 31.149 ng/ul

RT: 8.434 min Scan# 909

Delta R.T. -0.006 min

Lab File: BM044874.D

Acq: 01 Apr 2024 20:30

Instrument :

BNA_M

ClientSampleId :

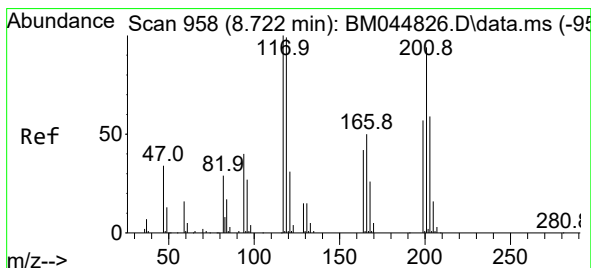
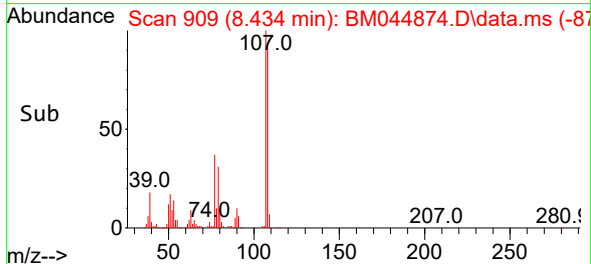
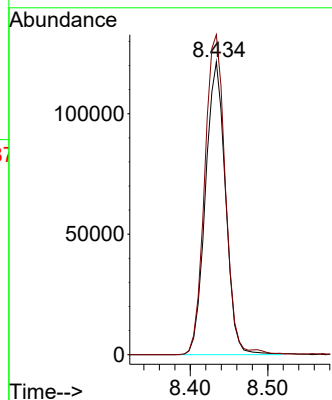
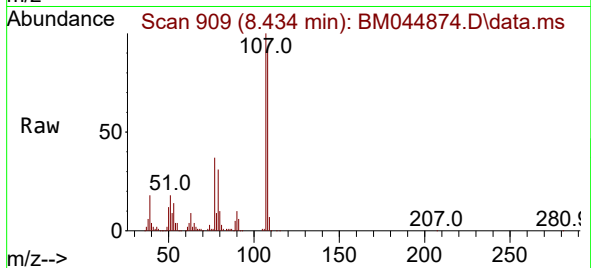
SLCS928

Tgt Ion:108 Resp: 218448

Ion Ratio Lower Upper

108 100

107 109.3 91.8 137.8



#19

Hexachloroethane

Concen: 33.137 ng/ul

RT: 8.716 min Scan# 957

Delta R.T. -0.006 min

Lab File: BM044874.D

Acq: 01 Apr 2024 20:30

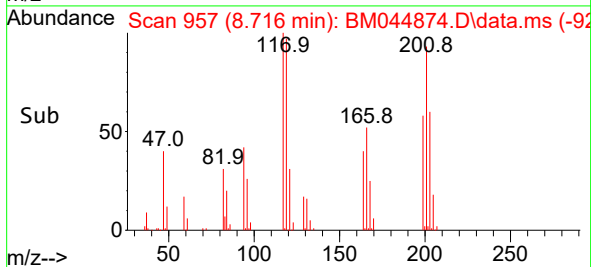
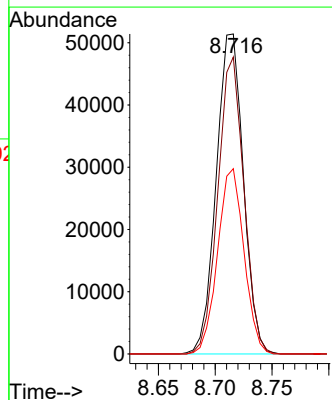
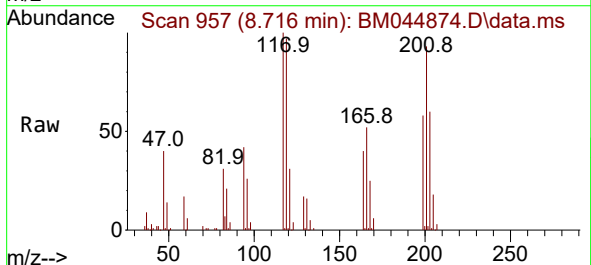
Tgt Ion:117 Resp: 85584

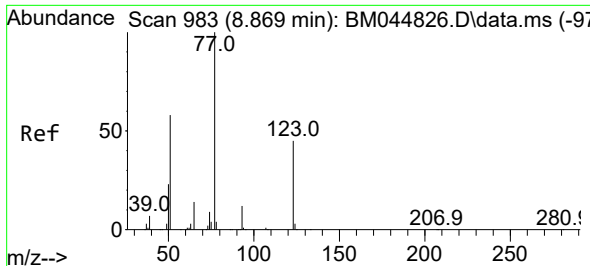
Ion Ratio Lower Upper

117 100

201 95.0 69.0 103.6

199 57.9 44.4 66.6

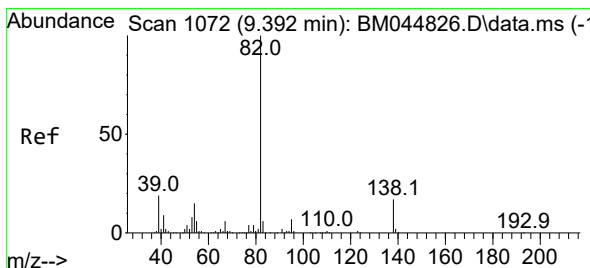
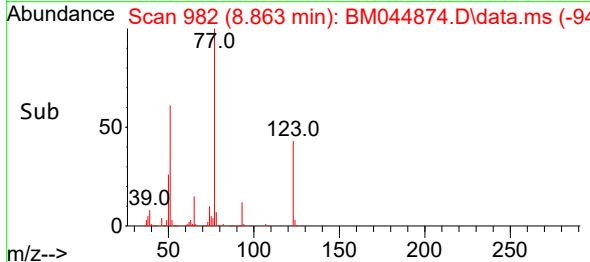
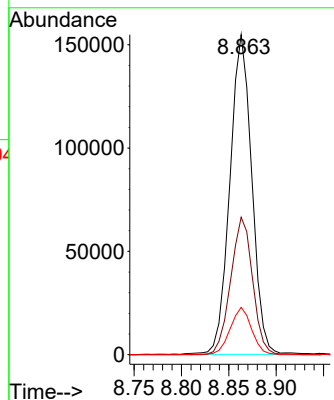
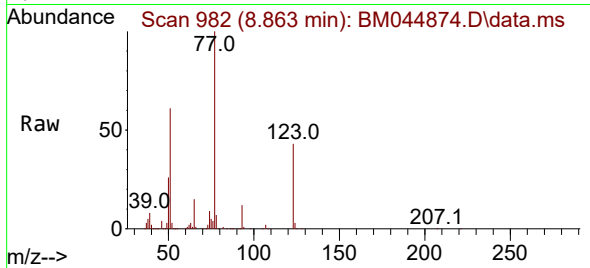




#22
Nitrobenzene
Concen: 37.148 ng/ul
RT: 8.863 min Scan# 982
Delta R.T. -0.006 min
Lab File: BM044874.D
Acq: 01 Apr 2024 20:30

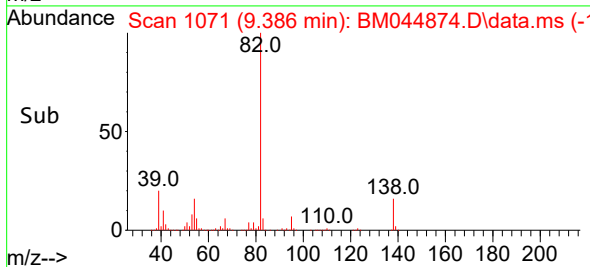
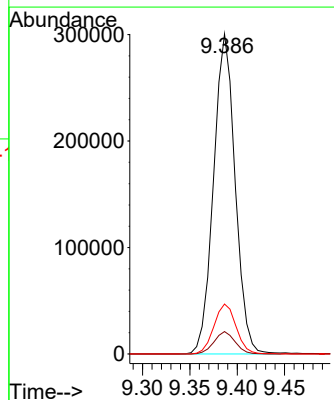
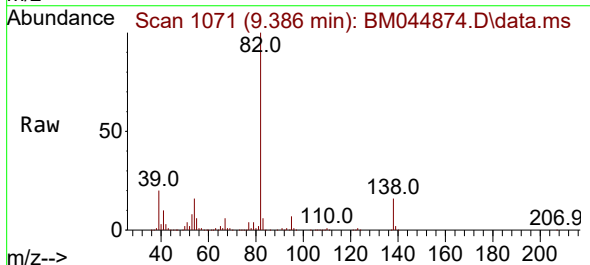
Instrument :
BNA_M
ClientSampleId :
SLCS928

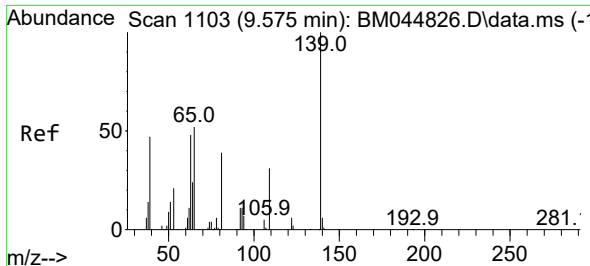
Tgt Ion: 77 Resp: 248293
Ion Ratio Lower Upper
77 100
123 43.0 38.2 57.2
65 14.8 10.2 15.2



#23
Isophorone
Concen: 35.064 ng/ul
RT: 9.386 min Scan# 1071
Delta R.T. -0.006 min
Lab File: BM044874.D
Acq: 01 Apr 2024 20:30

Tgt Ion: 82 Resp: 478156
Ion Ratio Lower Upper
82 100
95 7.0 4.7 7.1
138 15.6 14.1 21.1

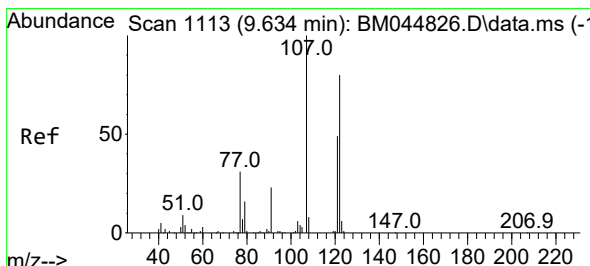
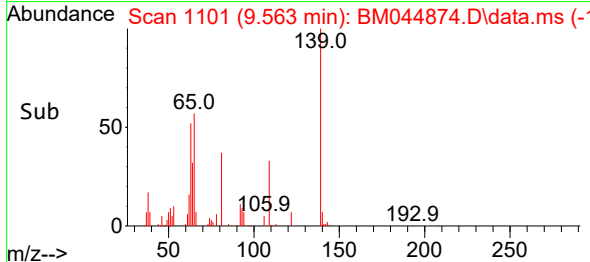
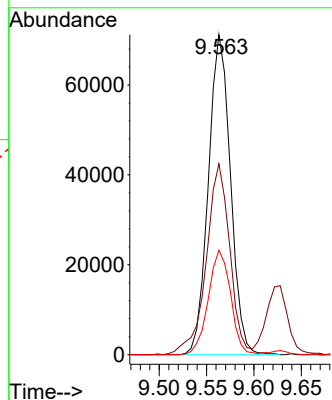
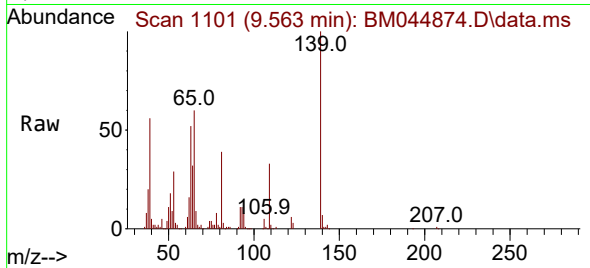




#25
2-Nitrophenol
Concen: 34.860 ng/ul
RT: 9.563 min Scan# 1101
Delta R.T. -0.012 min
Lab File: BM044874.D
Acq: 01 Apr 2024 20:30

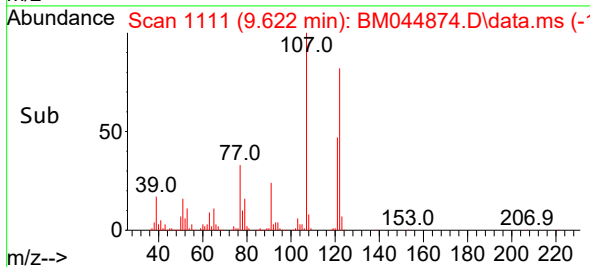
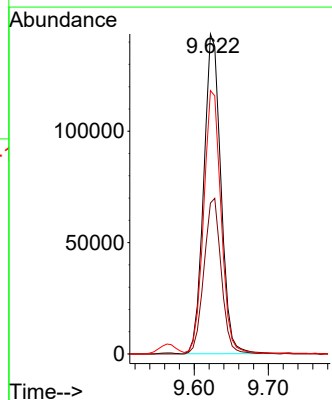
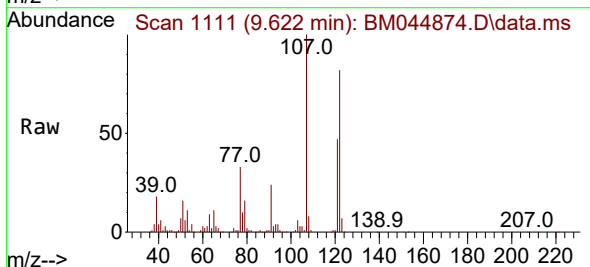
Instrument :
BNA_M
ClientSampleId :
SLCS928

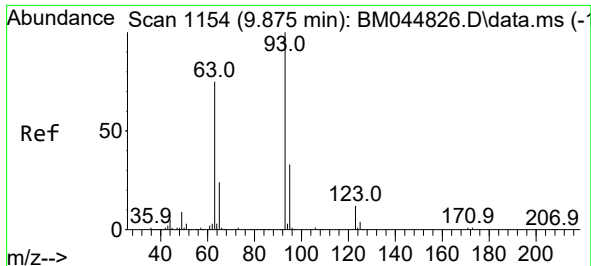
Tgt Ion:139 Resp: 115473
Ion Ratio Lower Upper
139 100
65 59.7 40.2 60.2
109 32.6 21.0 31.4#



#26
2,4-Dimethylphenol
Concen: 38.358 ng/ul
RT: 9.622 min Scan# 1111
Delta R.T. -0.012 min
Lab File: BM044874.D
Acq: 01 Apr 2024 20:30

Tgt Ion:107 Resp: 231190
Ion Ratio Lower Upper
107 100
121 47.1 41.0 61.6
122 82.3 71.4 107.0

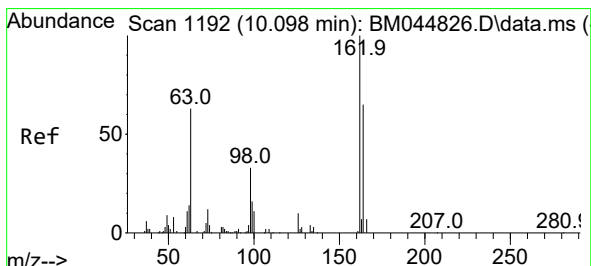
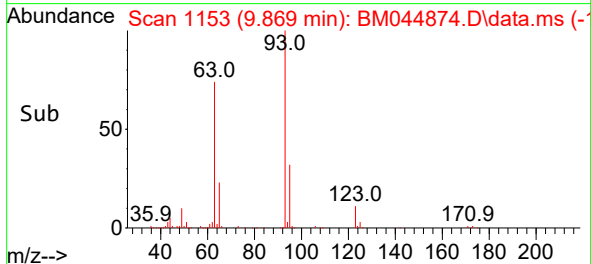
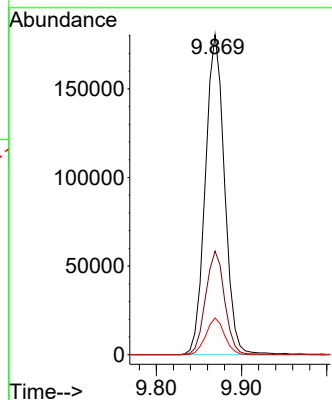
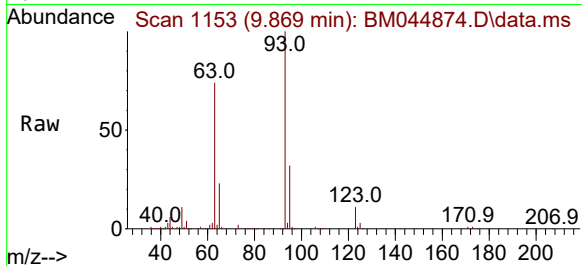




#27
 Bis(2-Chloroethoxy)methane
 Concen: 32.991 ng/ul
 RT: 9.869 min Scan# 1153
 Delta R.T. -0.006 min
 Lab File: BM044874.D
 Acq: 01 Apr 2024 20:30

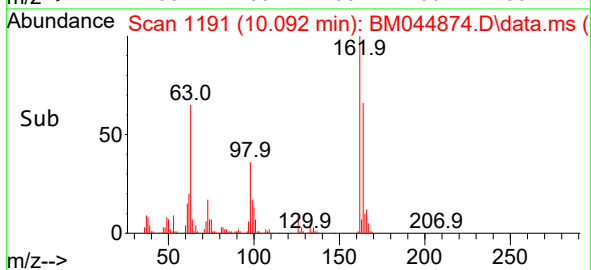
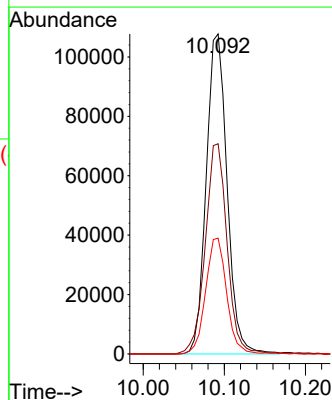
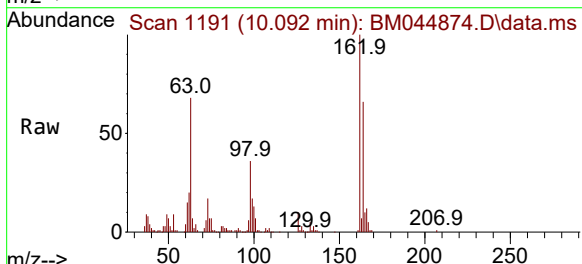
Instrument :
 BNA_M
 ClientSampleId :
 SLCS928

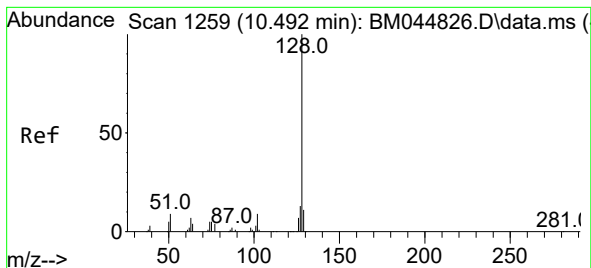
Tgt Ion: 93 Resp: 282935
 Ion Ratio Lower Upper
 93 100
 95 32.4 25.3 37.9
 123 11.5 9.3 13.9



#29
 2,4-Dichlorophenol
 Concen: 37.263 ng/ul
 RT: 10.092 min Scan# 1191
 Delta R.T. -0.006 min
 Lab File: BM044874.D
 Acq: 01 Apr 2024 20:30

Tgt Ion: 162 Resp: 192370
 Ion Ratio Lower Upper
 162 100
 164 65.7 52.7 79.1
 98 36.2 30.1 45.1





#30

Naphthalene

Concen: 33.509 ng/ul

RT: 10.486 min Scan# 11

Delta R.T. -0.006 min

Lab File: BM044874.D

Acq: 01 Apr 2024 20:30

Instrument :

BNA_M

ClientSampleId :

SLCS928

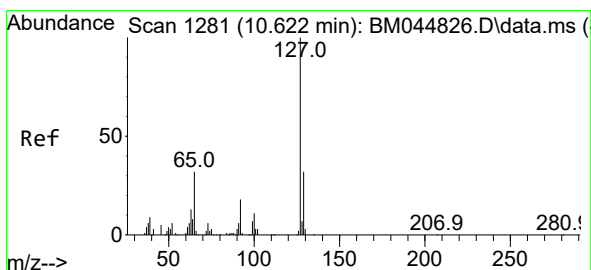
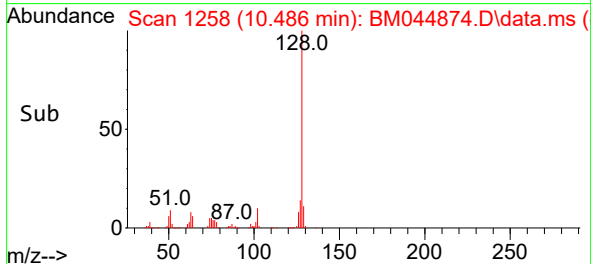
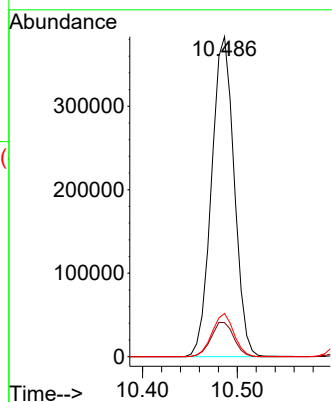
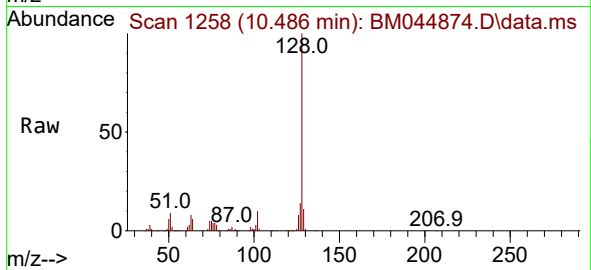
Tgt Ion:128 Resp: 635230

Ion Ratio Lower Upper

128 100

129 10.7 8.7 13.1

127 13.5 10.5 15.7



#32

4-Chloroaniline

Concen: 7.603 ng/ul

RT: 10.616 min Scan# 1280

Delta R.T. -0.006 min

Lab File: BM044874.D

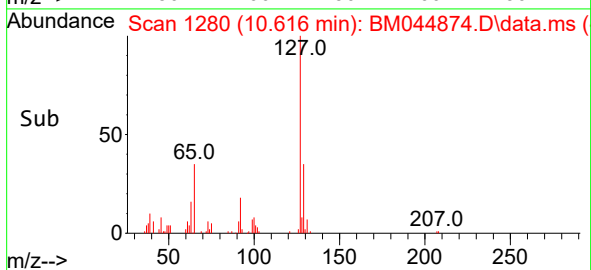
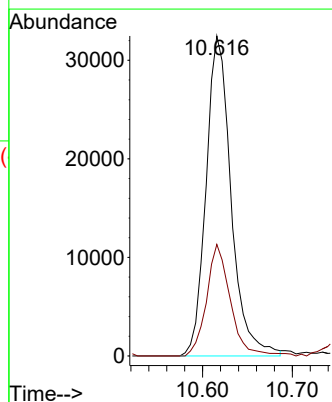
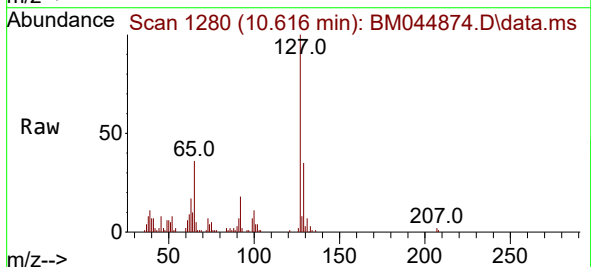
Acq: 01 Apr 2024 20:30

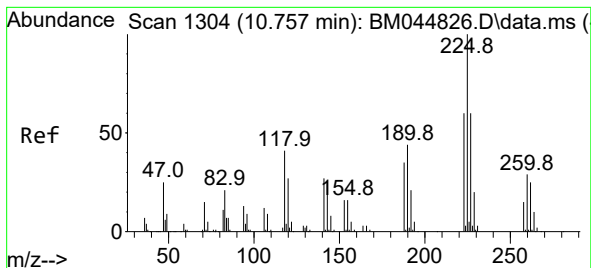
Tgt Ion:127 Resp: 62949

Ion Ratio Lower Upper

127 100

129 34.9 25.1 37.7





#33

Hexachlorobutadiene

Concen: 38.220 ng/ul

RT: 10.751 min Scan# 11

Delta R.T. -0.006 min

Lab File: BM044874.D

Acq: 01 Apr 2024 20:30

Instrument :

BNA_M

ClientSampleId :

SLCS928

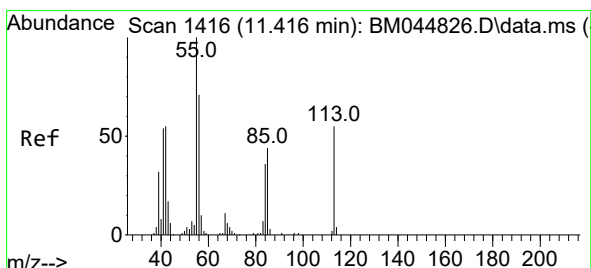
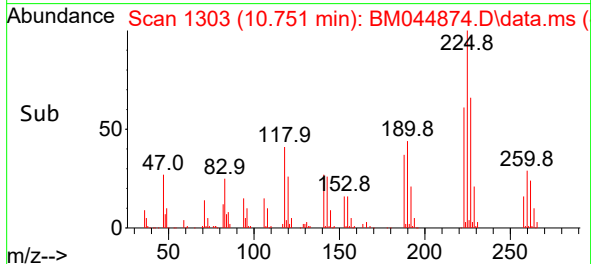
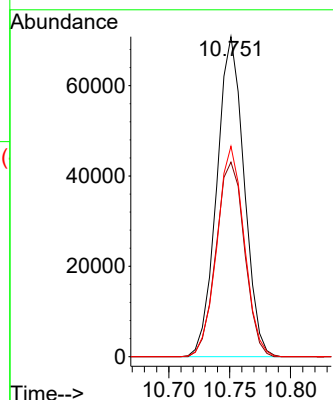
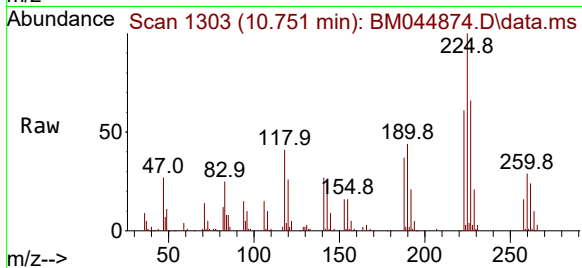
Tgt Ion:225 Resp: 110592

Ion Ratio Lower Upper

225 100

223 60.8 50.1 75.1

227 65.7 49.2 73.8



#34

Caprolactam

Concen: 20.730 ng/ul

RT: 11.416 min Scan# 1416

Delta R.T. -0.000 min

Lab File: BM044874.D

Acq: 01 Apr 2024 20:30

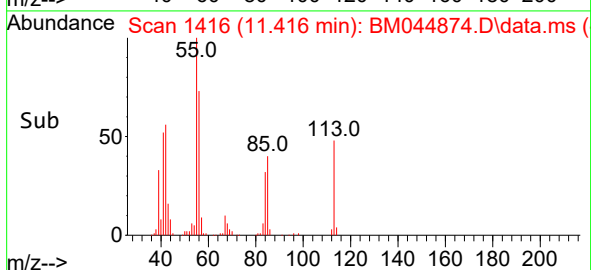
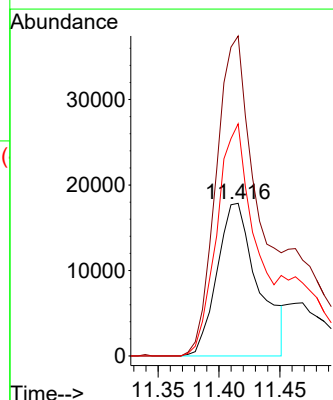
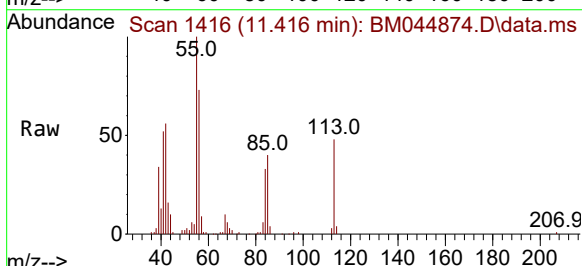
Tgt Ion:113 Resp: 41677

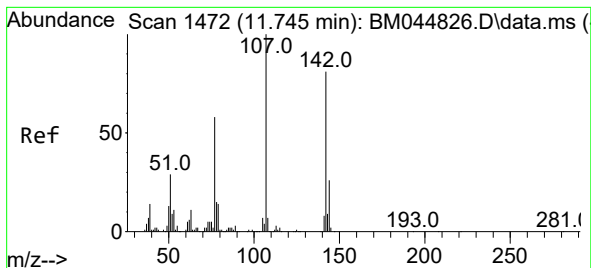
Ion Ratio Lower Upper

113 100

55 209.7 134.7 202.1#

56 152.1 102.2 153.2

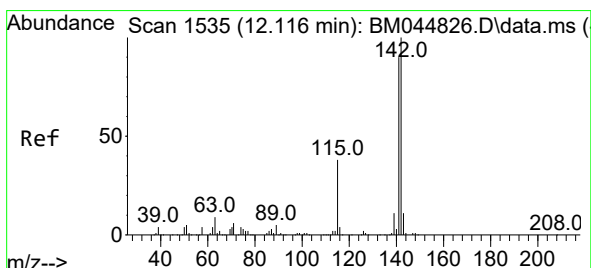
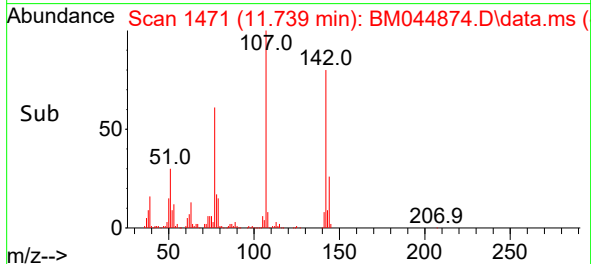
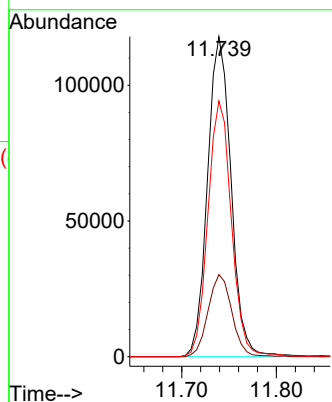
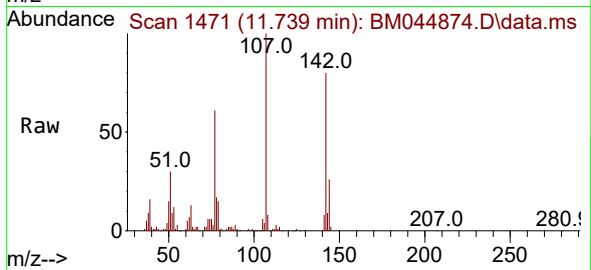




#35
4-Chloro-3-methylphenol
Concen: 33.948 ng/ul
RT: 11.739 min Scan# 1471
Delta R.T. -0.006 min
Lab File: BM044874.D
Acq: 01 Apr 2024 20:30

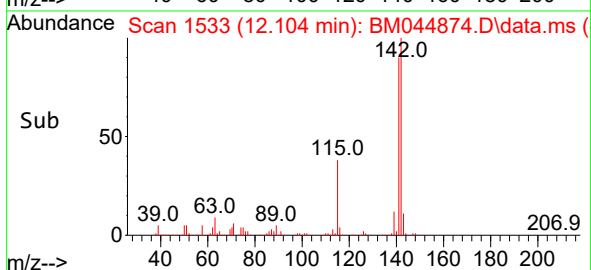
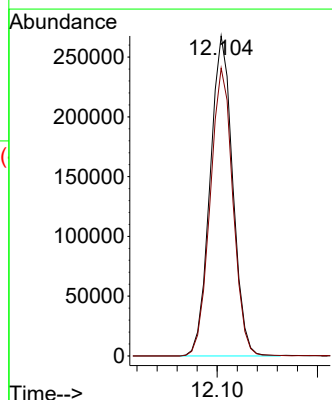
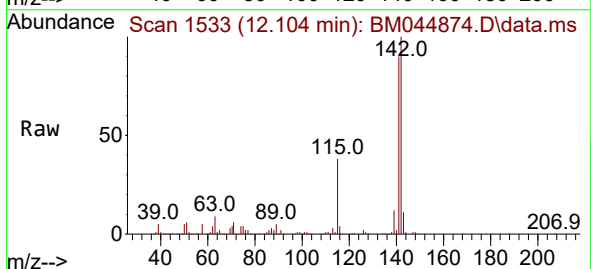
Instrument :
BNA_M
ClientSampleId :
SLCS928

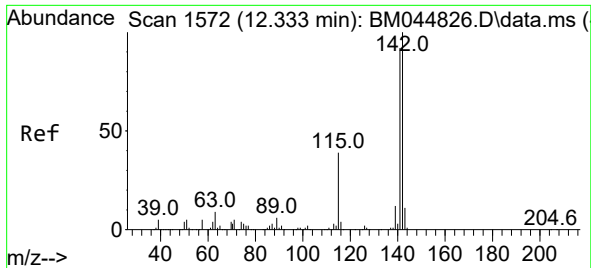
Tgt Ion:107 Resp: 203242
Ion Ratio Lower Upper
107 100
144 25.7 21.7 32.5
142 79.9 65.1 97.7



#36
2-Methylnaphthalene
Concen: 33.349 ng/ul
RT: 12.104 min Scan# 1533
Delta R.T. -0.012 min
Lab File: BM044874.D
Acq: 01 Apr 2024 20:30

Tgt Ion:142 Resp: 420407
Ion Ratio Lower Upper
142 100
141 89.9 71.1 106.7

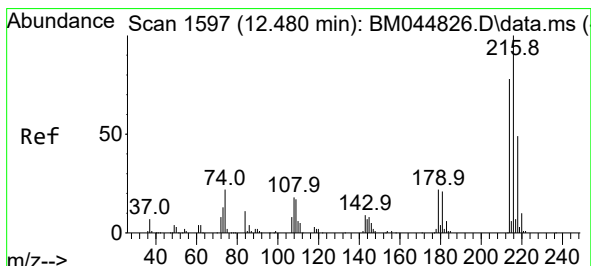
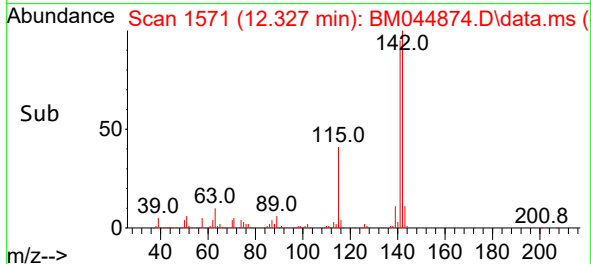
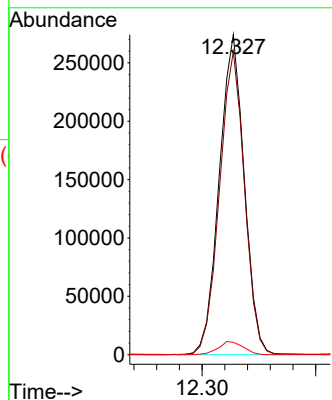
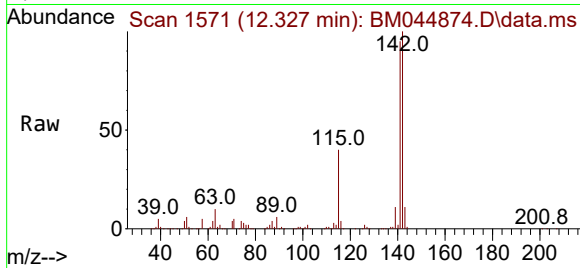




#37
1-Methylnaphthalene
Concen: 33.709 ng/ul
RT: 12.327 min Scan# 1571
Delta R.T. -0.006 min
Lab File: BM044874.D
Acq: 01 Apr 2024 20:30

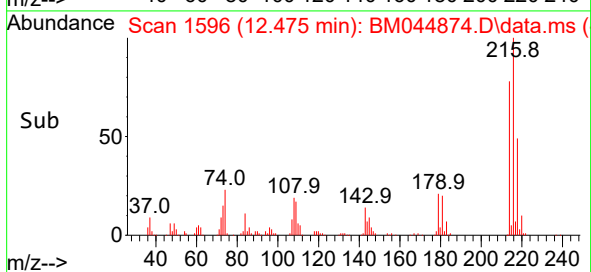
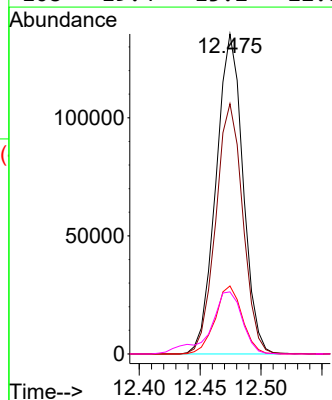
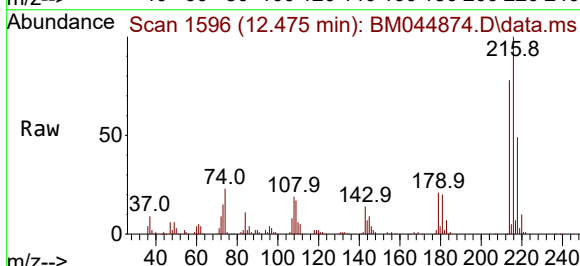
Instrument :
BNA_M
ClientSampleId :
SLCS928

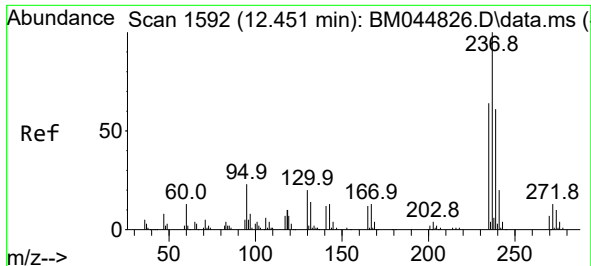
Tgt Ion:142 Resp: 419191
Ion Ratio Lower Upper
142 100
141 94.7 73.0 109.6
116 3.8 3.0 4.4



#39
1,2,4,5-Tetrachlorobenzene
Concen: 38.402 ng/ul
RT: 12.475 min Scan# 1596
Delta R.T. -0.006 min
Lab File: BM044874.D
Acq: 01 Apr 2024 20:30

Tgt Ion:216 Resp: 208659
Ion Ratio Lower Upper
216 100
214 78.2 63.4 95.2
179 21.2 17.5 26.3
108 19.4 15.2 22.8

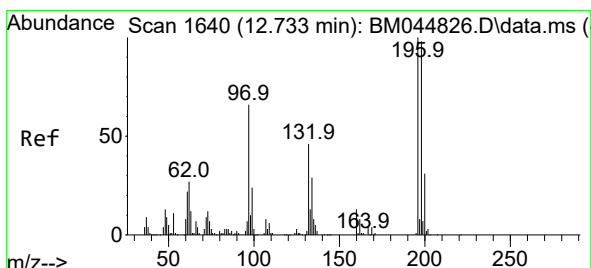
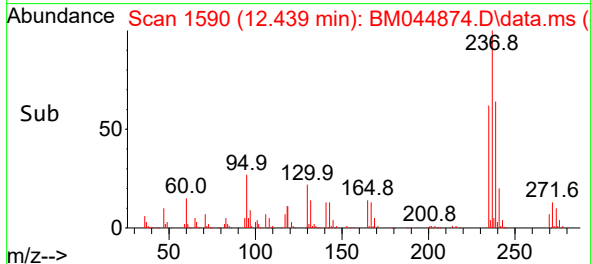
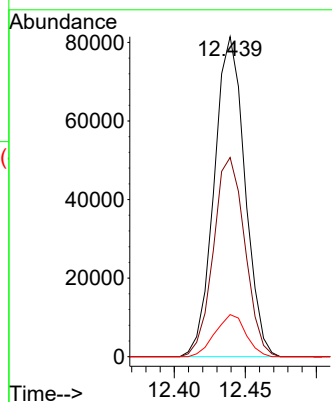
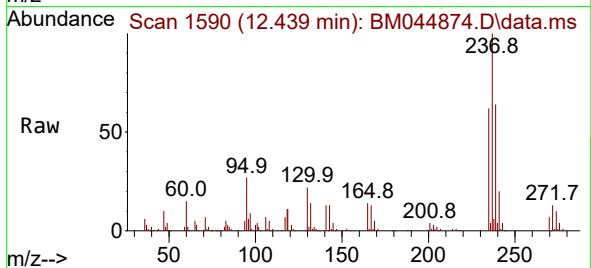




#40
Hexachlorocyclopentadiene
Concen: 34.015 ng/ul
RT: 12.439 min Scan# 1590
Delta R.T. -0.012 min
Lab File: BM044874.D
Acq: 01 Apr 2024 20:30

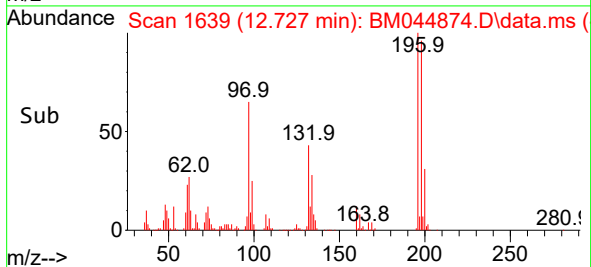
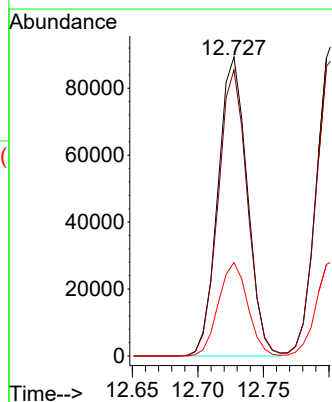
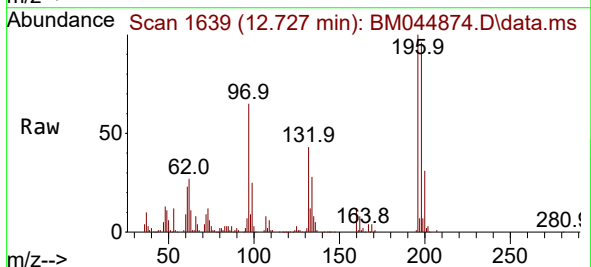
Instrument :
BNA_M
ClientSampleId :
SLCS928

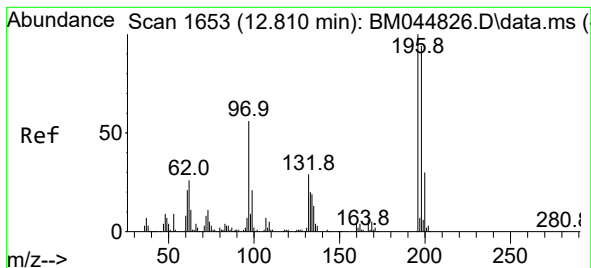
Tgt Ion:237 Resp: 122687
Ion Ratio Lower Upper
237 100
235 62.2 50.1 75.1
272 13.8 10.2 15.2



#41
2,4,6-Trichlorophenol
Concen: 36.432 ng/ul
RT: 12.727 min Scan# 1639
Delta R.T. -0.006 min
Lab File: BM044874.D
Acq: 01 Apr 2024 20:30

Tgt Ion:196 Resp: 138776
Ion Ratio Lower Upper
196 100
198 95.7 76.7 115.1
200 31.2 24.1 36.1





#42

2,4,5-Trichlorophenol

Concen: 36.842 ng/ul

RT: 12.804 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM044874.D

Acq: 01 Apr 2024 20:30

Instrument :

BNA_M

ClientSampleId :

SLCS928

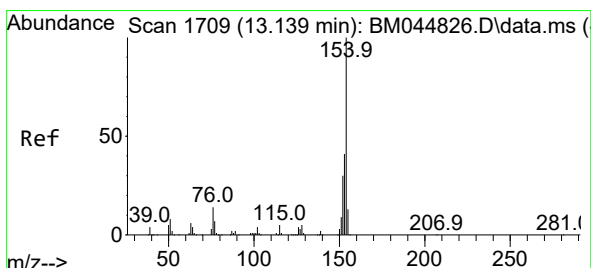
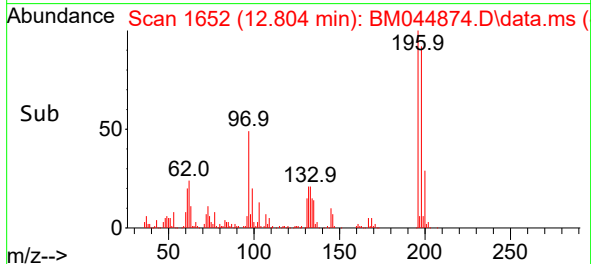
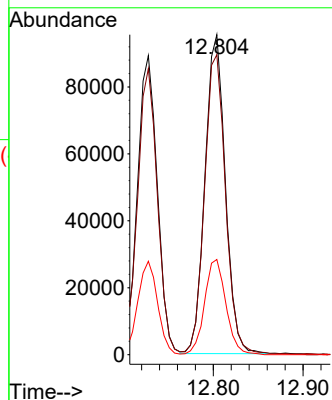
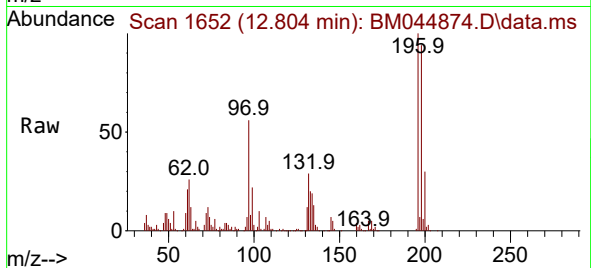
Tgt Ion:196 Resp: 150397

Ion Ratio Lower Upper

196 100

198 93.7 78.1 117.1

200 29.8 24.7 37.1



#43

1,1'-Biphenyl

Concen: 35.570 ng/ul

RT: 13.133 min Scan# 1708

Delta R.T. -0.006 min

Lab File: BM044874.D

Acq: 01 Apr 2024 20:30

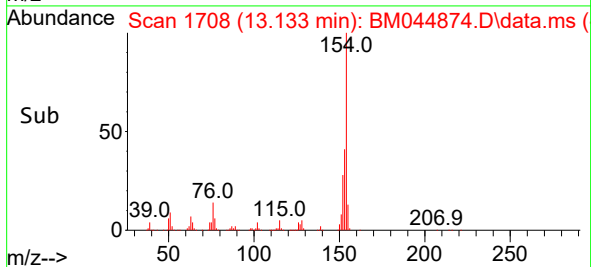
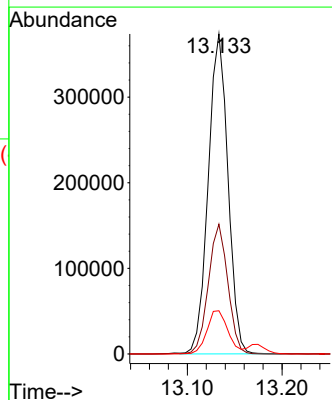
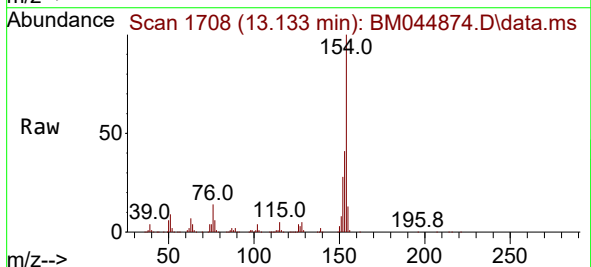
Tgt Ion:154 Resp: 539459

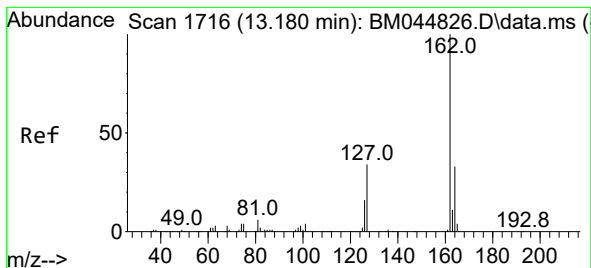
Ion Ratio Lower Upper

154 100

153 40.5 31.8 47.8

76 13.5 11.0 16.4





#44

2-Chloronaphthalene

Concen: 35.246 ng/ul

RT: 13.174 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM044874.D

Acq: 01 Apr 2024 20:30

Instrument :

BNA_M

ClientSampleId :

SLCS928

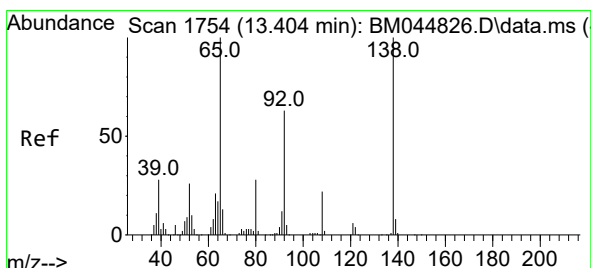
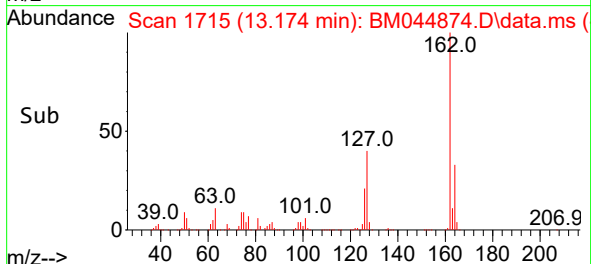
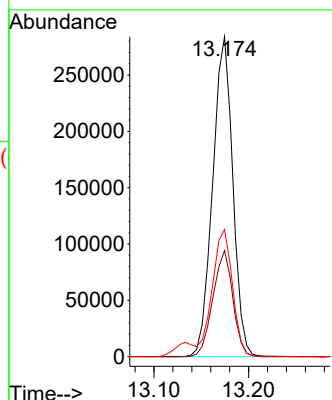
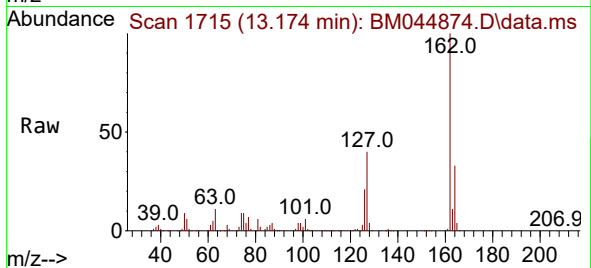
Tgt Ion:162 Resp: 419477

Ion Ratio Lower Upper

162 100

164 33.2 25.6 38.4

127 39.7 31.4 47.0



#45

2-Nitroaniline

Concen: 38.178 ng/ul

RT: 13.398 min Scan# 1753

Delta R.T. -0.006 min

Lab File: BM044874.D

Acq: 01 Apr 2024 20:30

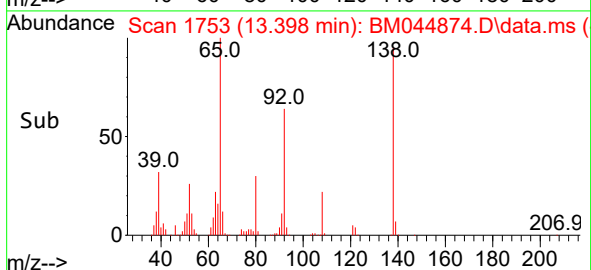
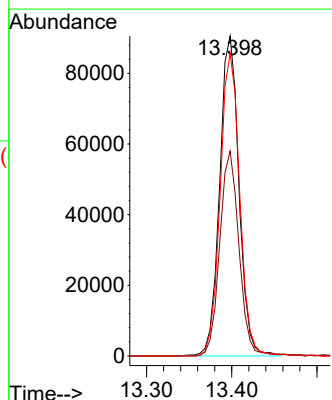
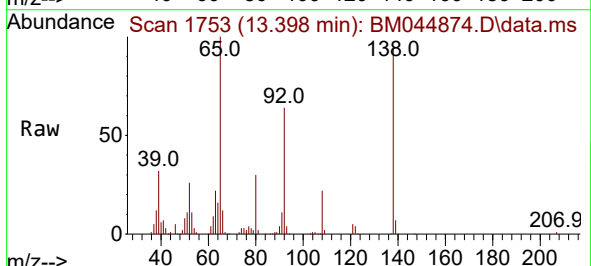
Tgt Ion: 65 Resp: 142645

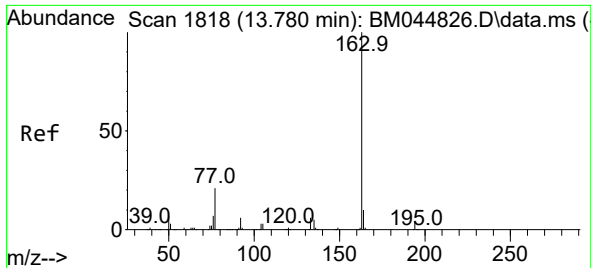
Ion Ratio Lower Upper

65 100

92 64.0 55.4 83.0

138 94.6 84.0 126.0

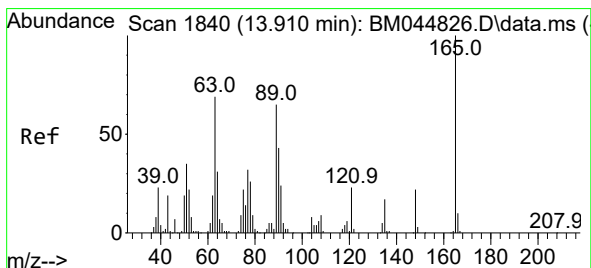
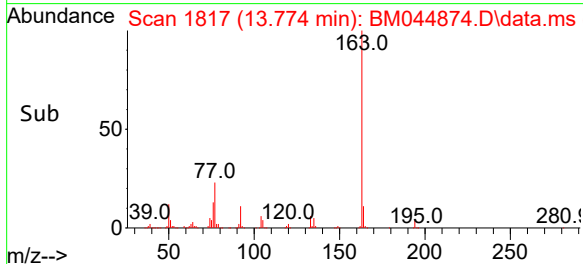
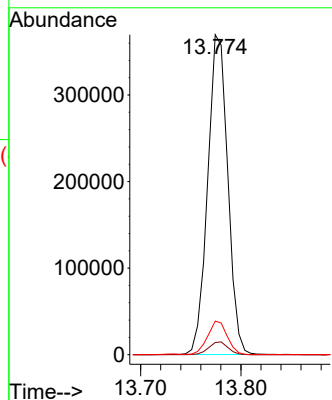
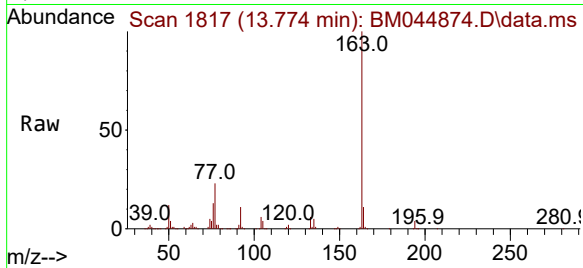




#47
Dimethylphthalate
Concen: 33.740 ng/ul
RT: 13.774 min Scan# 1817
Delta R.T. -0.006 min
Lab File: BM044874.D
Acq: 01 Apr 2024 20:30

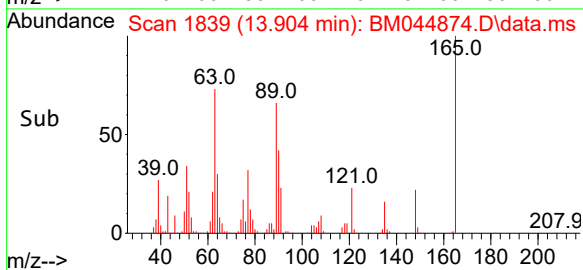
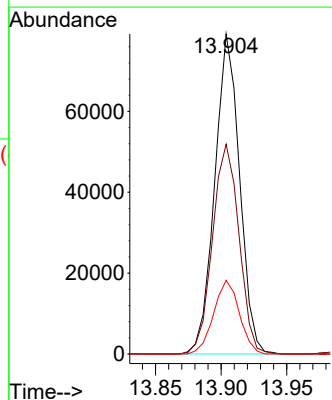
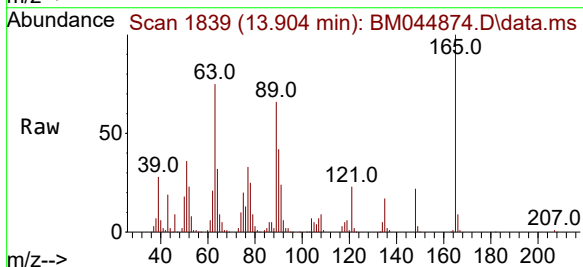
Instrument :
BNA_M
ClientSampleId :
SLCS928

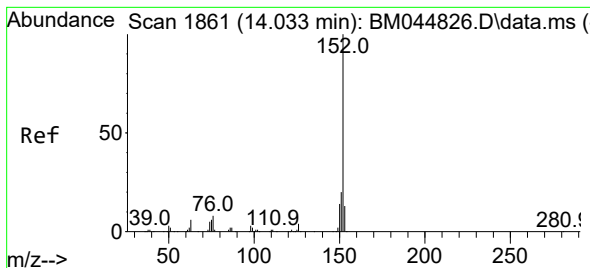
Tgt Ion:163 Resp: 514381
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.6
164 10.5 8.0 12.0



#48
2,6-Dinitrotoluene
Concen: 34.211 ng/ul
RT: 13.904 min Scan# 1839
Delta R.T. -0.006 min
Lab File: BM044874.D
Acq: 01 Apr 2024 20:30

Tgt Ion:165 Resp: 104178
Ion Ratio Lower Upper
165 100
89 65.5 48.4 72.6
121 23.0 17.7 26.5





#50

Acenaphthylene

Concen: 35.297 ng/ul

RT: 14.027 min Scan# 1860

Delta R.T. -0.006 min

Lab File: BM044874.D

Acq: 01 Apr 2024 20:30

Instrument :

BNA_M

ClientSampleId :

SLCS928

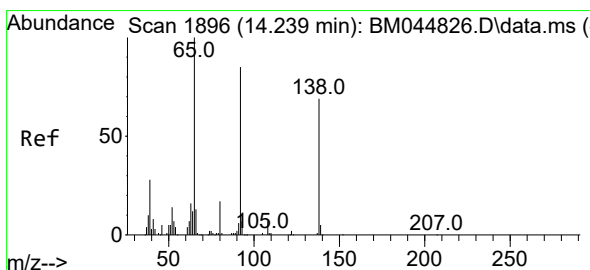
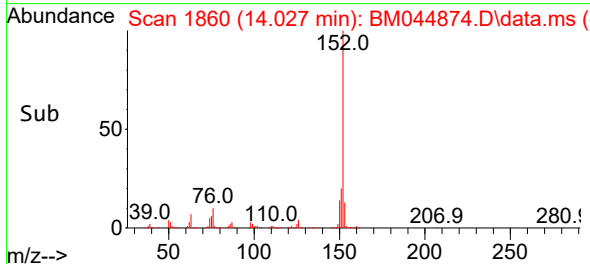
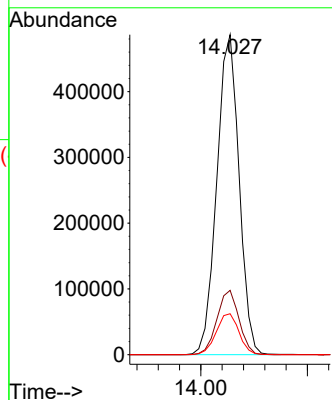
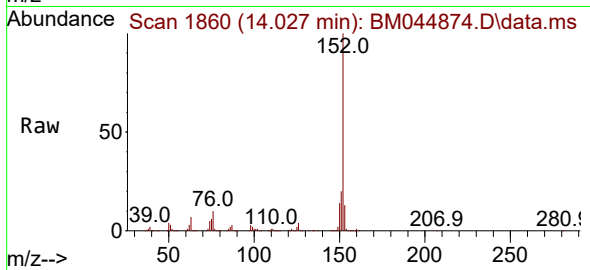
Tgt Ion:152 Resp: 704896

Ion Ratio Lower Upper

152 100

151 20.1 16.2 24.2

153 12.8 10.6 15.8



#51

3-Nitroaniline

Concen: 28.939 ng/ul

RT: 14.233 min Scan# 1895

Delta R.T. -0.006 min

Lab File: BM044874.D

Acq: 01 Apr 2024 20:30

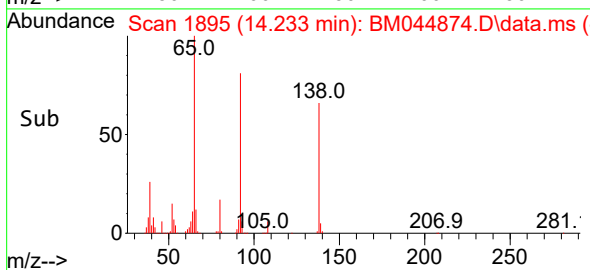
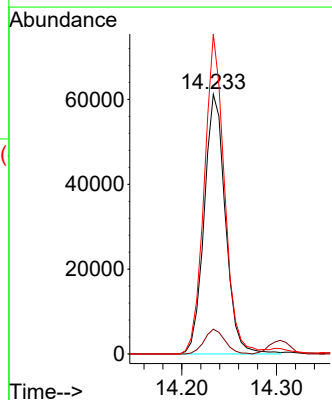
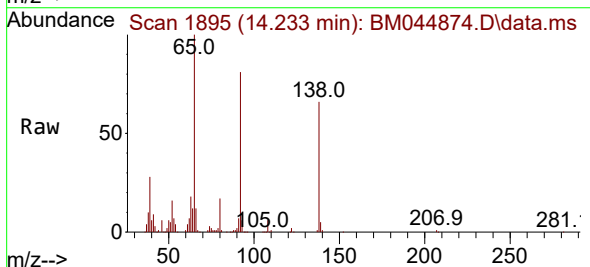
Tgt Ion:138 Resp: 95185

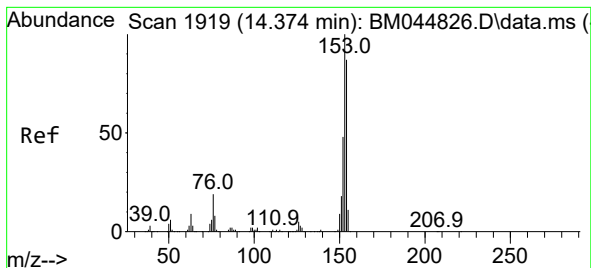
Ion Ratio Lower Upper

138 100

108 9.5 7.3 10.9

92 123.2 89.3 133.9





#52

Acenaphthene

Concen: 35.332 ng/ul

RT: 14.369 min Scan# 1918

Delta R.T. -0.006 min

Lab File: BM044874.D

Acq: 01 Apr 2024 20:30

Instrument :

BNA_M

ClientSampleId :

SLCS928

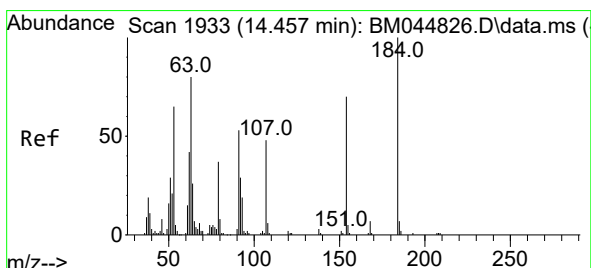
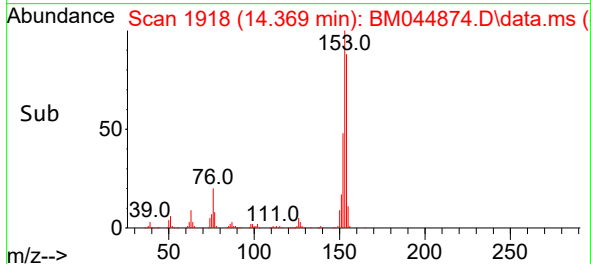
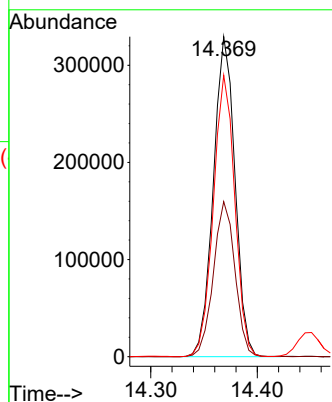
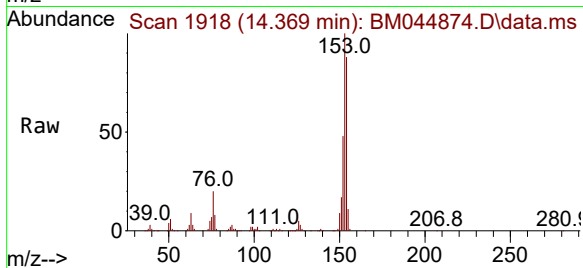
Tgt Ion:153 Resp: 463858

Ion Ratio Lower Upper

153 100

152 48.4 38.2 57.2

154 88.0 70.3 105.5



#53

2,4-Dinitrophenol

Concen: 28.994 ng/ul

RT: 14.451 min Scan# 1932

Delta R.T. -0.006 min

Lab File: BM044874.D

Acq: 01 Apr 2024 20:30

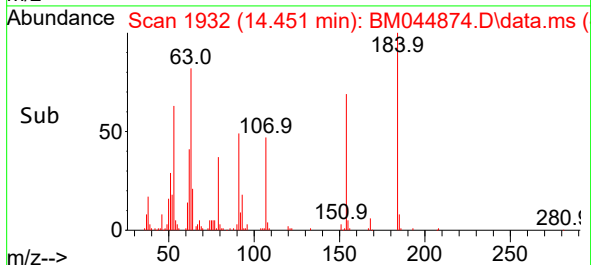
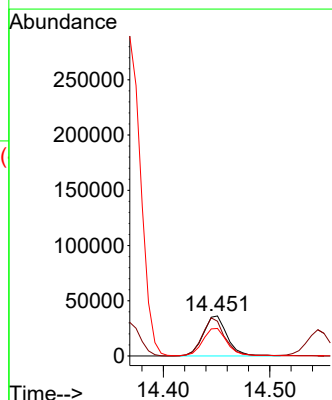
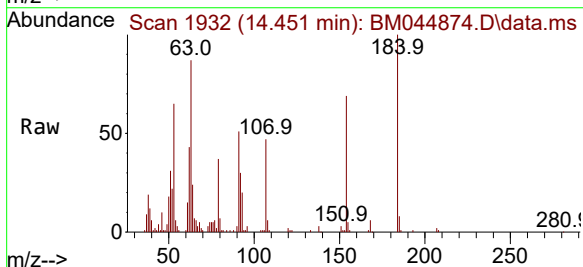
Tgt Ion:184 Resp: 56477

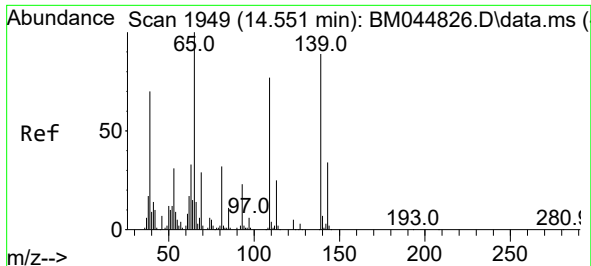
Ion Ratio Lower Upper

184 100

63 86.9 57.2 85.8#

154 68.8 47.9 71.9

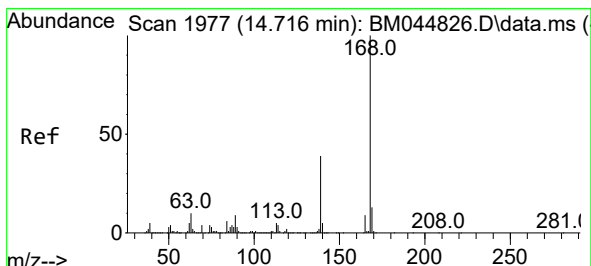
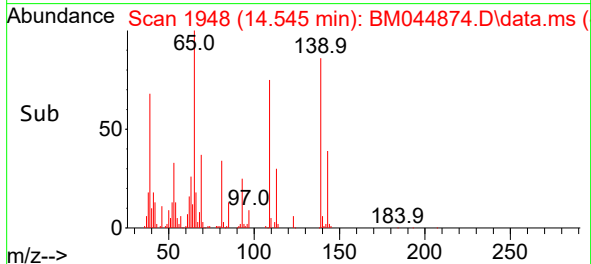
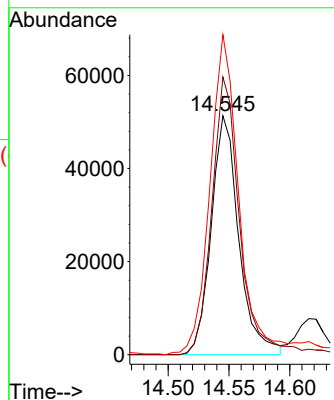
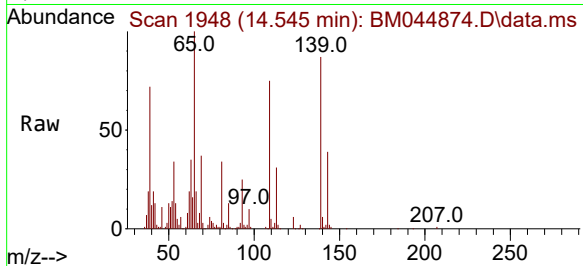




#55
4-Nitrophenol
Concen: 37.207 ng/ul
RT: 14.545 min Scan# 1948
Delta R.T. -0.006 min
Lab File: BM044874.D
Acq: 01 Apr 2024 20:30

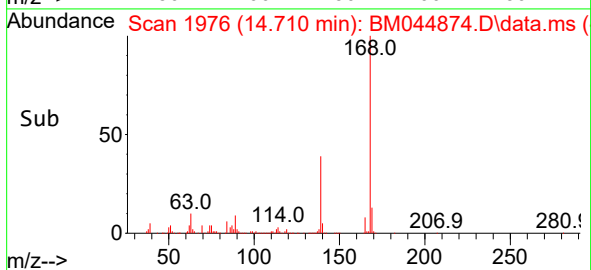
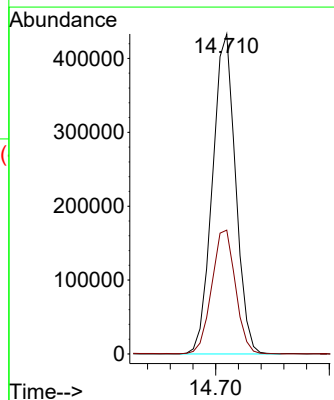
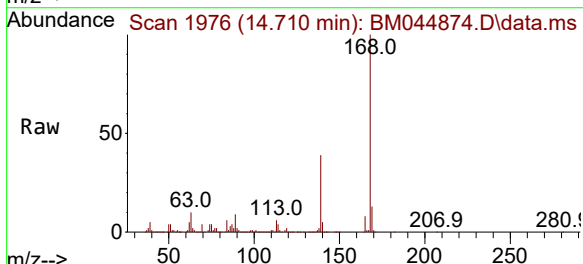
Instrument :
BNA_M
ClientSampleId :
SLCS928

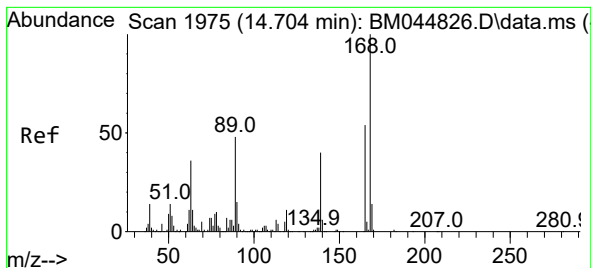
Tgt Ion:109 Resp: 80995
Ion Ratio Lower Upper
109 100
139 116.2 126.2 189.4#
65 133.9 117.0 175.4



#56
Dibenzofuran
Concen: 35.017 ng/ul
RT: 14.710 min Scan# 1976
Delta R.T. -0.006 min
Lab File: BM044874.D
Acq: 01 Apr 2024 20:30

Tgt Ion:168 Resp: 611511
Ion Ratio Lower Upper
168 100
139 38.7 30.7 46.1





#57

2,4-Dinitrotoluene

Concen: 33.995 ng/ul

RT: 14.698 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM044874.D

Acq: 01 Apr 2024 20:30

Instrument :

BNA_M

ClientSampleId :

SLCS928

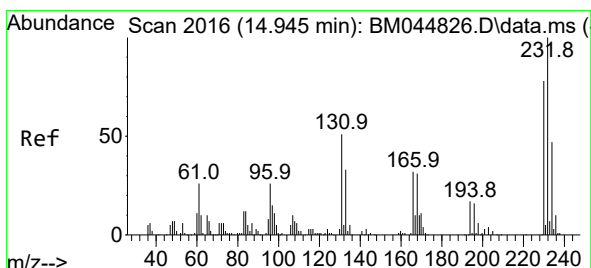
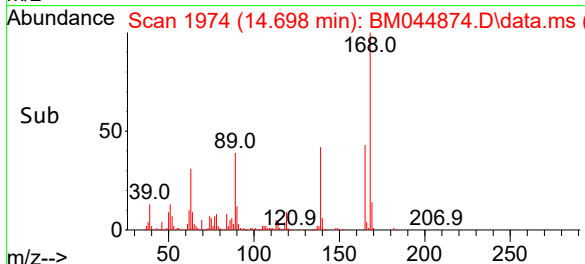
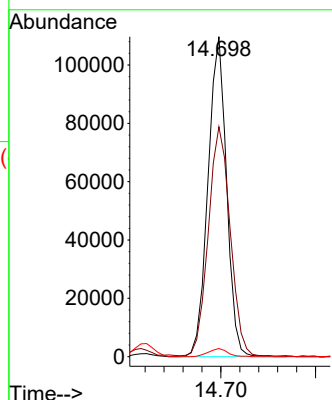
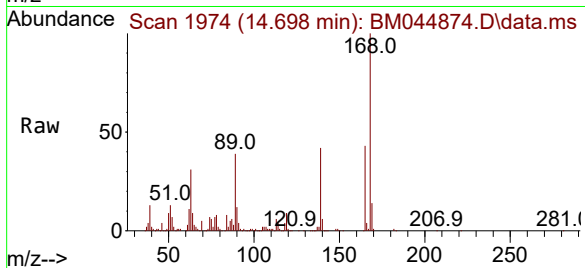
Tgt Ion:165 Resp: 149432

Ion Ratio Lower Upper

165 100

63 71.8 37.4 56.0#

182 2.6 1.8 2.8



#58

2,3,4,6-Tetrachlorophenol

Concen: 33.774 ng/ul

RT: 14.939 min Scan# 2015

Delta R.T. -0.006 min

Lab File: BM044874.D

Acq: 01 Apr 2024 20:30

Tgt Ion:232 Resp: 114093

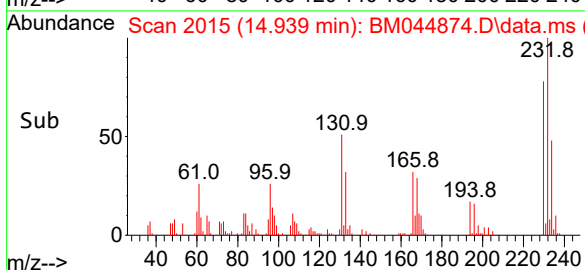
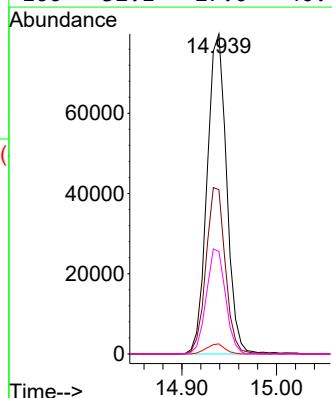
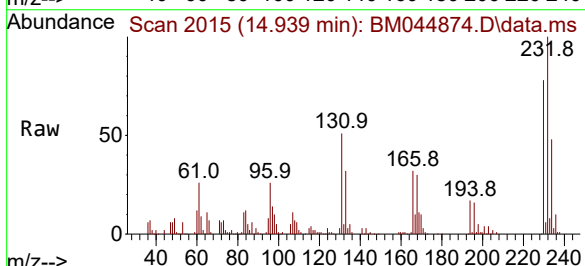
Ion Ratio Lower Upper

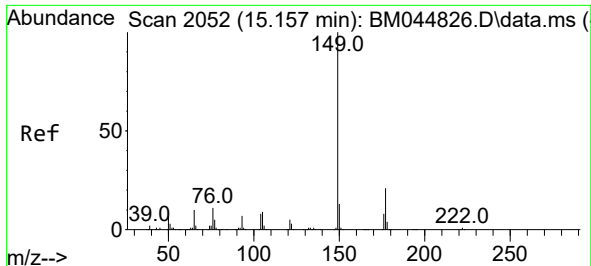
232 100

131 51.4 40.6 61.0

130 3.1 2.2 3.4

166 32.1 27.0 40.4

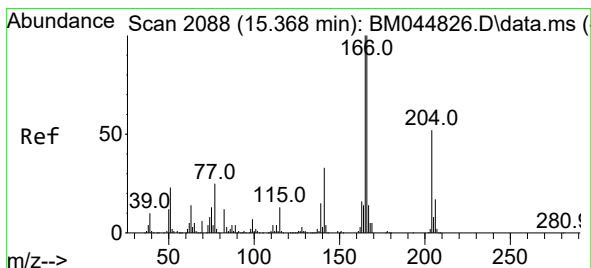
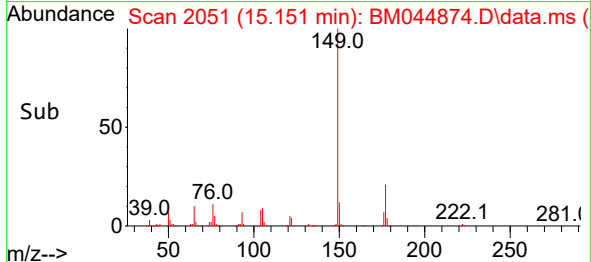
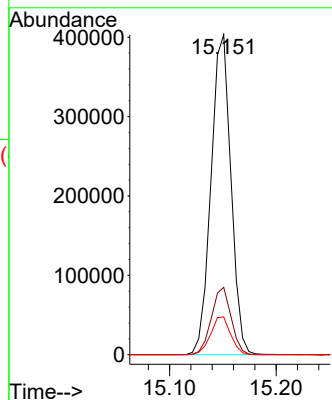
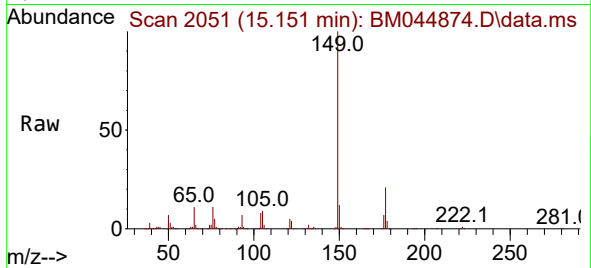




#59
Diethylphthalate
Concen: 33.125 ng/ul
RT: 15.151 min Scan# 2051
Delta R.T. -0.006 min
Lab File: BM044874.D
Acq: 01 Apr 2024 20:30

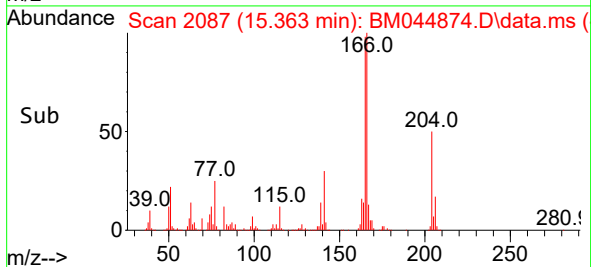
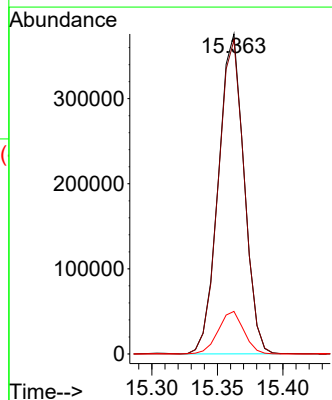
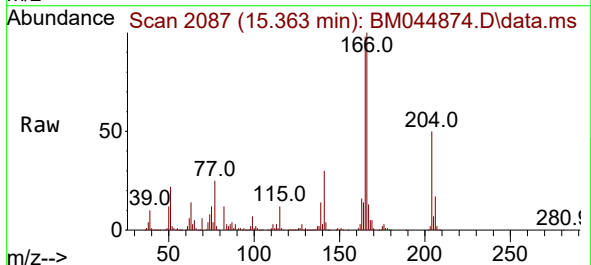
Instrument :
BNA_M
ClientSampleId :
SLCS928

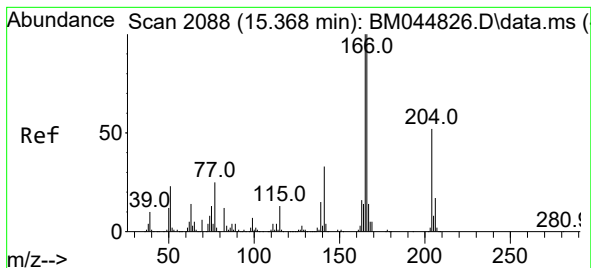
Tgt Ion:149 Resp: 524090
Ion Ratio Lower Upper
149 100
177 21.1 16.6 24.8
150 11.8 9.9 14.9



#61
Fluorene
Concen: 35.777 ng/ul
RT: 15.363 min Scan# 2087
Delta R.T. -0.006 min
Lab File: BM044874.D
Acq: 01 Apr 2024 20:30

Tgt Ion:166 Resp: 510985
Ion Ratio Lower Upper
166 100
165 98.0 77.3 115.9
167 13.3 10.6 16.0

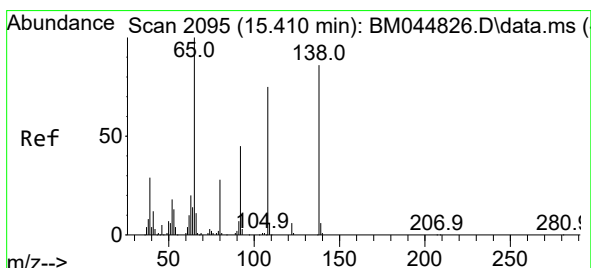
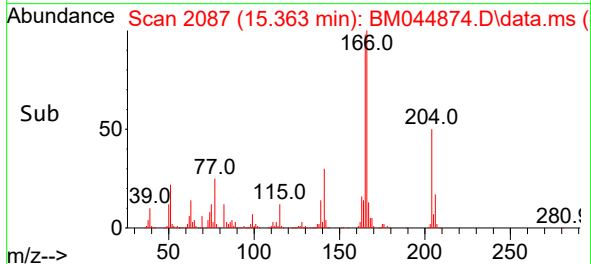
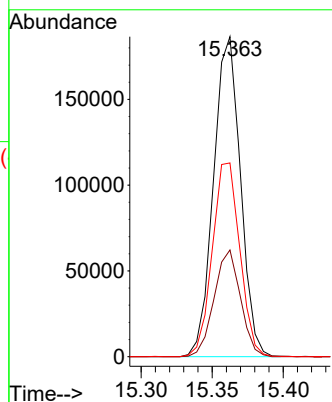
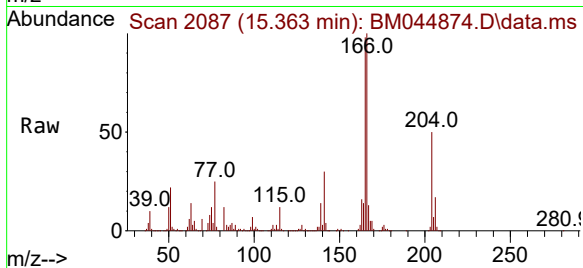




#62
4-Chlorophenyl-phenylether
Concen: 37.097 ng/ul
RT: 15.363 min Scan# 2088
Delta R.T. -0.006 min
Lab File: BM044874.D
Acq: 01 Apr 2024 20:30

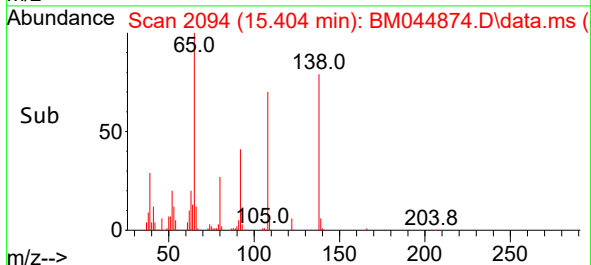
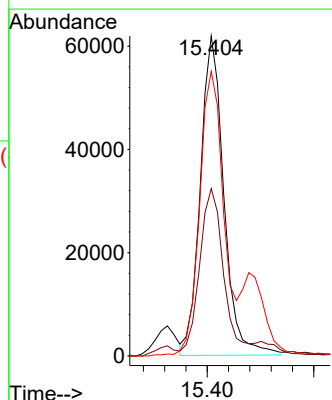
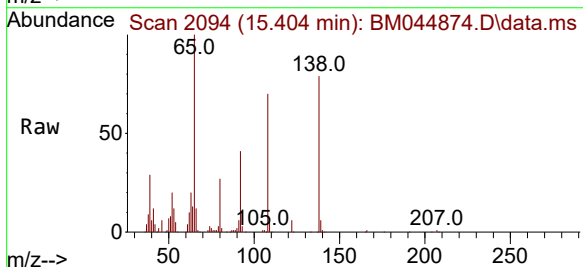
Instrument :
BNA_M
ClientSampleId :
SLCS928

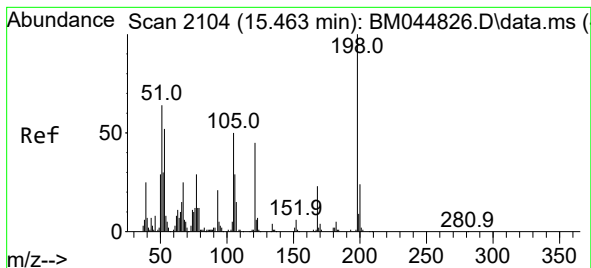
Tgt Ion:204 Resp: 245913
Ion Ratio Lower Upper
204 100
206 33.3 26.1 39.1
141 60.5 50.3 75.5



#63
4-Nitroaniline
Concen: 30.205 ng/ul
RT: 15.404 min Scan# 2094
Delta R.T. -0.006 min
Lab File: BM044874.D
Acq: 01 Apr 2024 20:30

Tgt Ion:138 Resp: 94953
Ion Ratio Lower Upper
138 100
92 52.3 39.8 59.8
108 88.9 54.6 82.0#

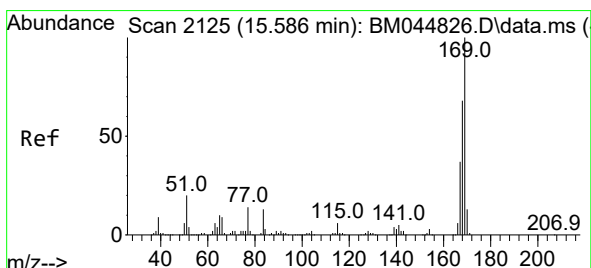
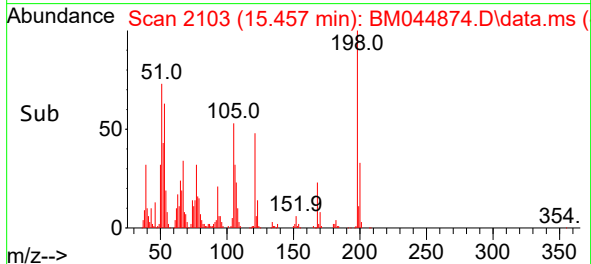
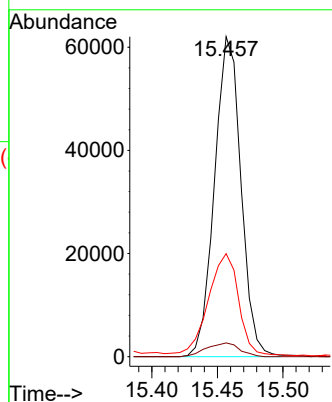
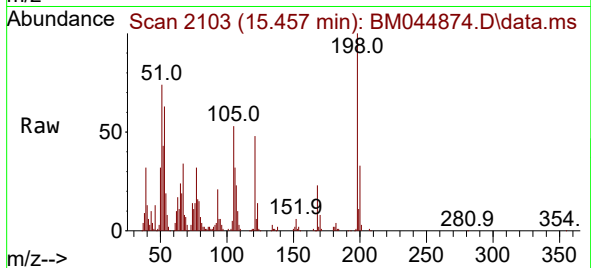




#66
 4,6-Dinitro-2-methylphenol
 Concen: 35.562 ng/ul
 RT: 15.457 min Scan# 2103
 Delta R.T. -0.006 min
 Lab File: BM044874.D
 Acq: 01 Apr 2024 20:30

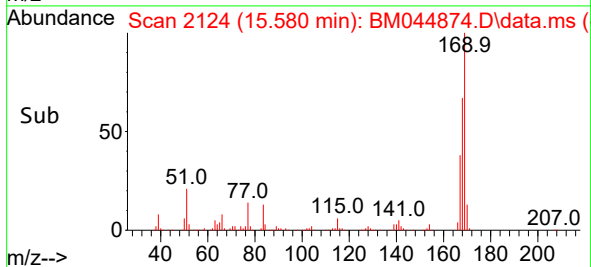
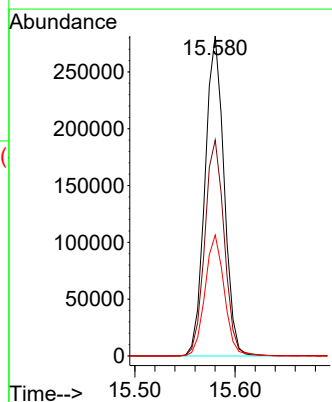
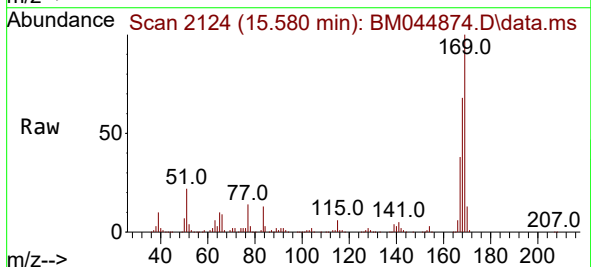
Instrument :
 BNA_M
 ClientSampleId :
 SLCS928

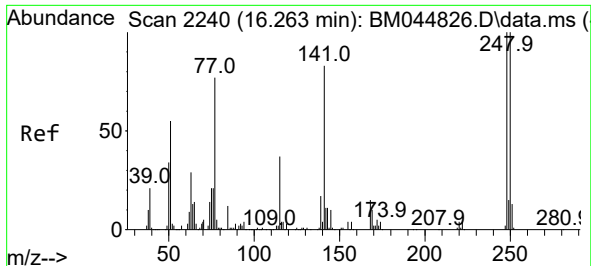
Tgt Ion:198 Resp: 86799
 Ion Ratio Lower Upper
 198 100
 182 4.3 3.3 4.9
 77 32.2 21.0 31.4#



#67
 N-Nitrosodiphenylamine
 Concen: 35.086 ng/ul
 RT: 15.580 min Scan# 2124
 Delta R.T. -0.006 min
 Lab File: BM044874.D
 Acq: 01 Apr 2024 20:30

Tgt Ion:169 Resp: 371831
 Ion Ratio Lower Upper
 169 100
 168 67.5 54.3 81.5
 167 37.8 29.4 44.0

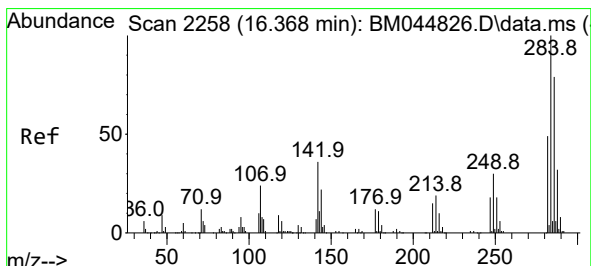
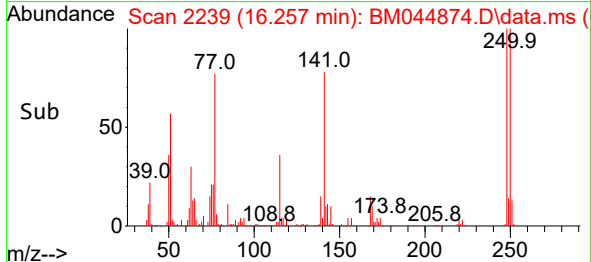
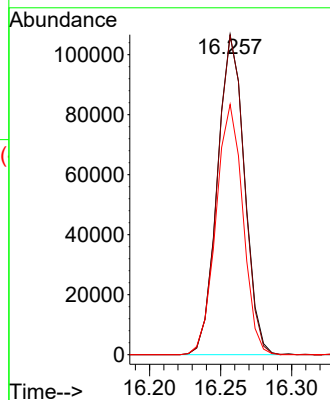
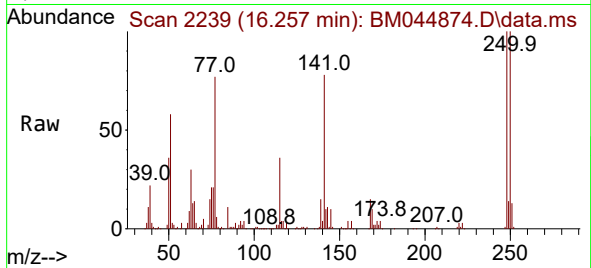




#68
4-Bromophenyl-phenylether
Concen: 40.197 ng/ul
RT: 16.257 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM044874.D
Acq: 01 Apr 2024 20:30

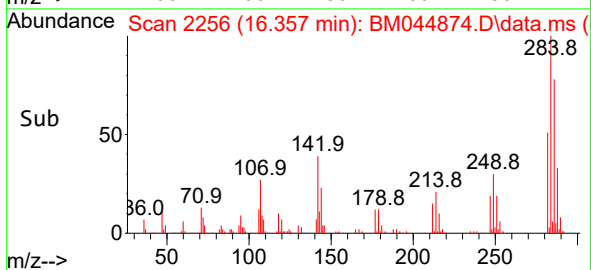
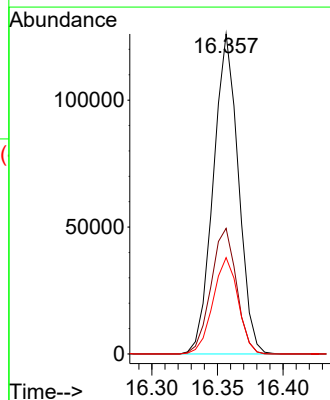
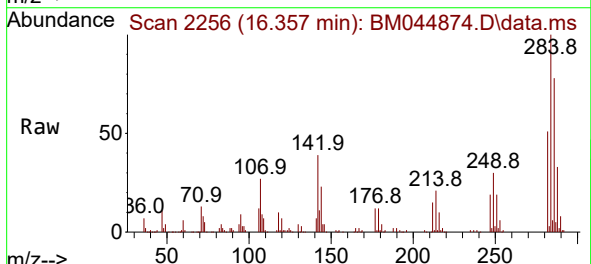
Instrument :
BNA_M
ClientSampleId :
SLCS928

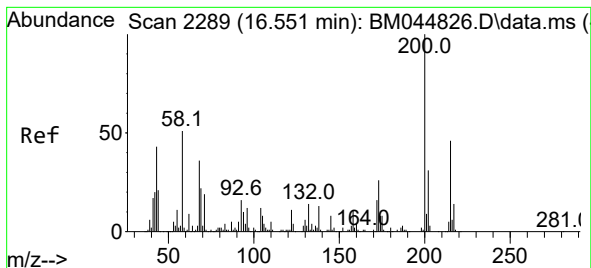
Tgt Ion:248 Resp: 141473
Ion Ratio Lower Upper
248 100
250 99.7 78.7 118.1
141 78.2 65.4 98.2



#69
Hexachlorobenzene
Concen: 41.809 ng/ul
RT: 16.357 min Scan# 2256
Delta R.T. -0.012 min
Lab File: BM044874.D
Acq: 01 Apr 2024 20:30

Tgt Ion:284 Resp: 167602
Ion Ratio Lower Upper
284 100
142 39.3 33.7 50.5
249 30.1 24.8 37.2





#70

Atrazine

Concen: 1.722 ng/ul

RT: 16.545 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM044874.D

Acq: 01 Apr 2024 20:30

Instrument :

BNA_M

ClientSampleId :

SLCS928

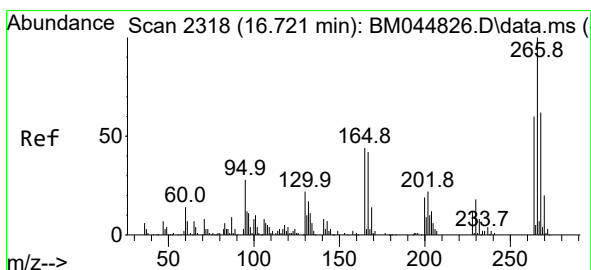
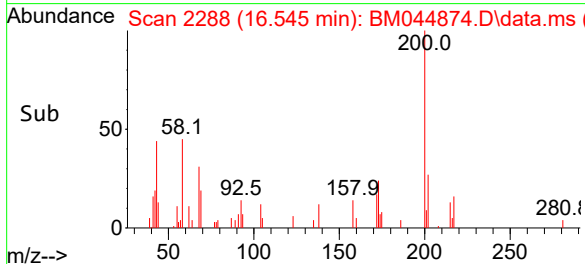
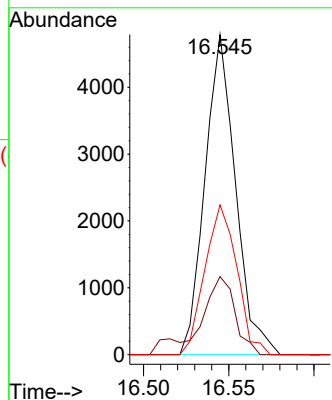
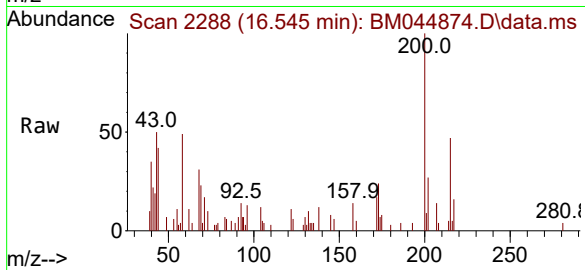
Tgt Ion:200 Resp: 5965

Ion Ratio Lower Upper

200 100

173 24.4 22.4 33.6

215 46.8 38.9 58.3



#71

Pentachlorophenol

Concen: 34.625 ng/ul

RT: 16.710 min Scan# 2316

Delta R.T. -0.012 min

Lab File: BM044874.D

Acq: 01 Apr 2024 20:30

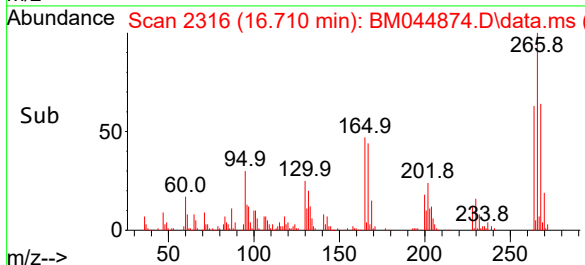
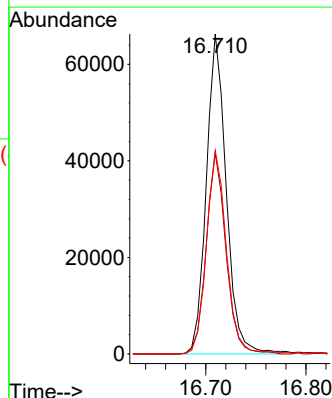
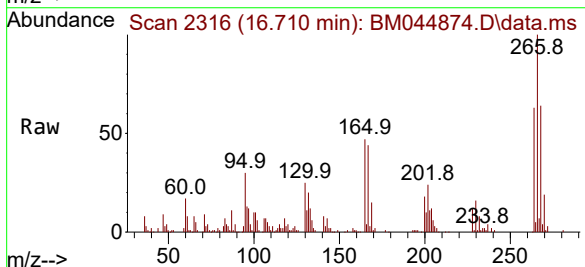
Tgt Ion:266 Resp: 91655

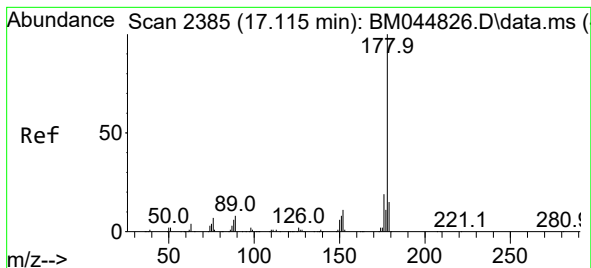
Ion Ratio Lower Upper

266 100

264 62.8 51.0 76.4

268 63.6 52.6 78.8





#72

Phenanthrene

Concen: 36.160 ng/u1

RT: 17.104 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM044874.D

Acq: 01 Apr 2024 20:30

Instrument :

BNA_M

ClientSampleId :

SLCS928

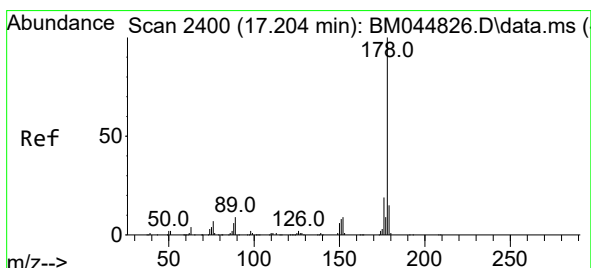
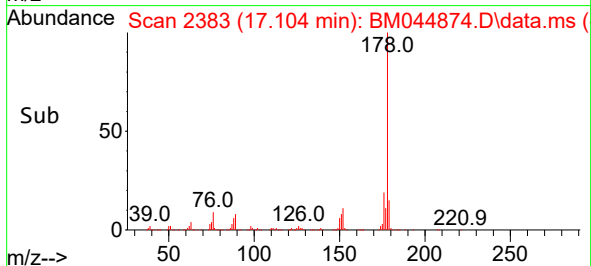
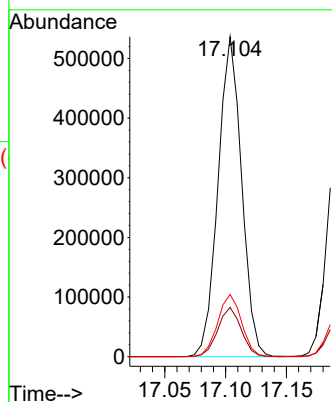
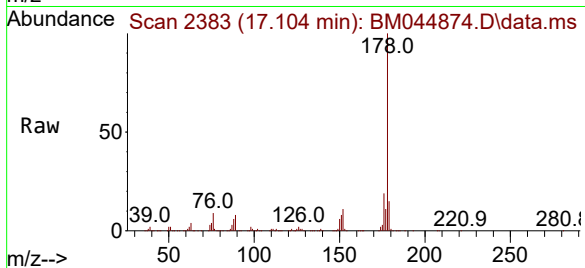
Tgt Ion:178 Resp: 721771

Ion Ratio Lower Upper

178 100

179 15.4 12.3 18.5

176 19.4 15.4 23.2



#74

Anthracene

Concen: 36.844 ng/u1

RT: 17.198 min Scan# 2399

Delta R.T. -0.006 min

Lab File: BM044874.D

Acq: 01 Apr 2024 20:30

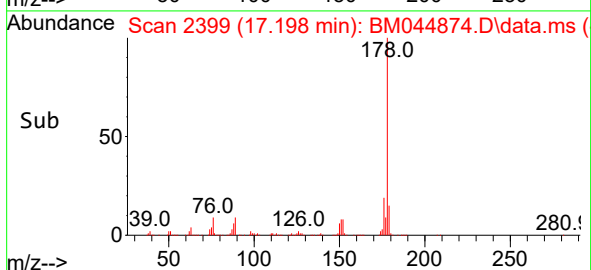
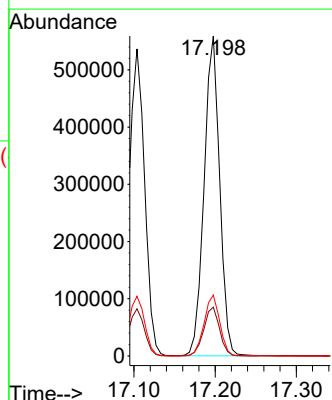
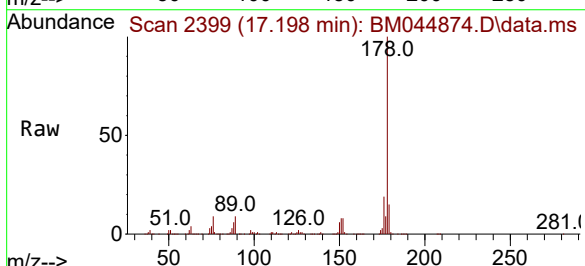
Tgt Ion:178 Resp: 743764

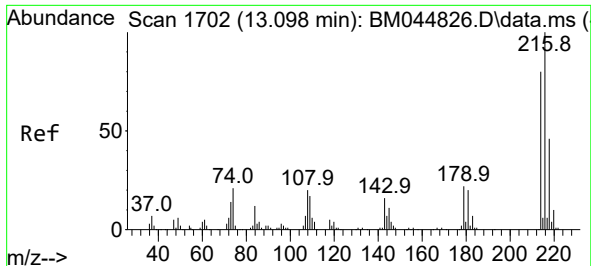
Ion Ratio Lower Upper

178 100

179 15.2 12.4 18.6

176 19.0 15.0 22.6

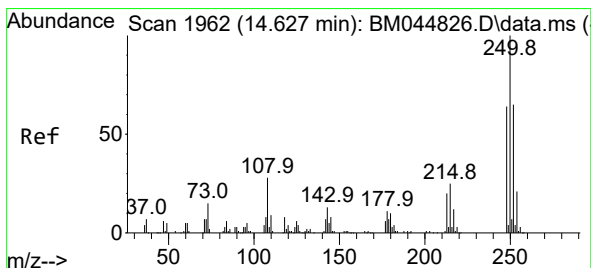
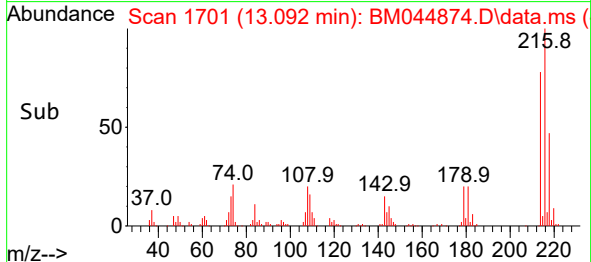
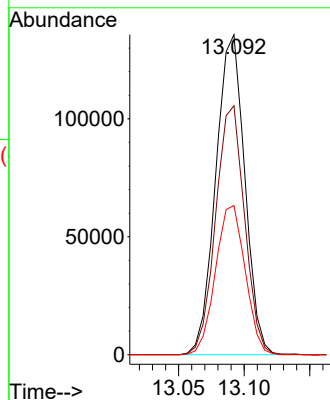
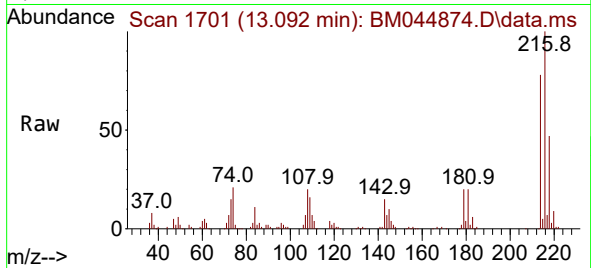




#75
1,2,3,4-Tetrachlorobenzene
Concen: 44.394 ng/uL
RT: 13.092 min Scan# 1701
Delta R.T. -0.006 min
Lab File: BM044874.D
Acq: 01 Apr 2024 20:30

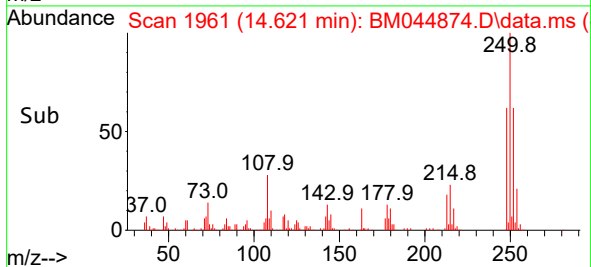
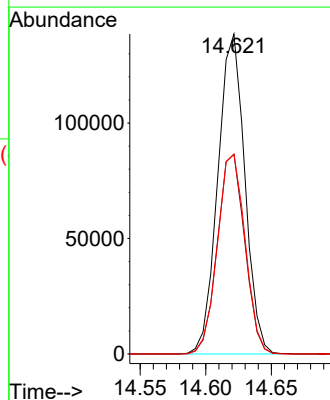
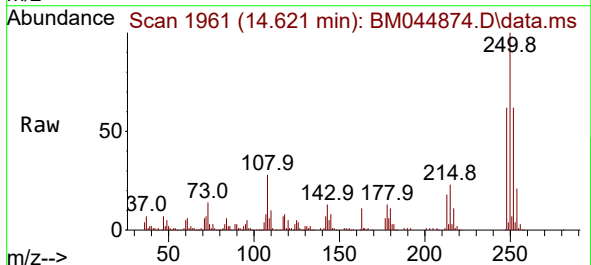
Instrument :
BNA_M
ClientSampleId :
SLCS928

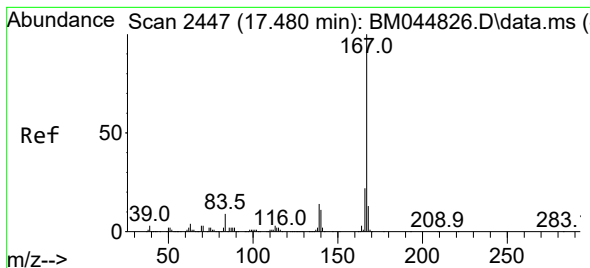
Tgt Ion:216 Resp: 208641
Ion Ratio Lower Upper
216 100
214 77.8 62.9 94.3
218 46.6 38.6 57.8



#76
Pentachlorobenzene
Concen: 43.629 ng/uL
RT: 14.621 min Scan# 1961
Delta R.T. -0.006 min
Lab File: BM044874.D
Acq: 01 Apr 2024 20:30

Tgt Ion:250 Resp: 198239
Ion Ratio Lower Upper
250 100
248 62.4 50.1 75.1
252 62.5 50.6 75.8





#77

Carbazole

Concen: 33.372 ng/ul

RT: 17.474 min Scan# 2446

Delta R.T. -0.006 min

Lab File: BM044874.D

Acq: 01 Apr 2024 20:30

Instrument :

BNA_M

ClientSampleId :

SLCS928

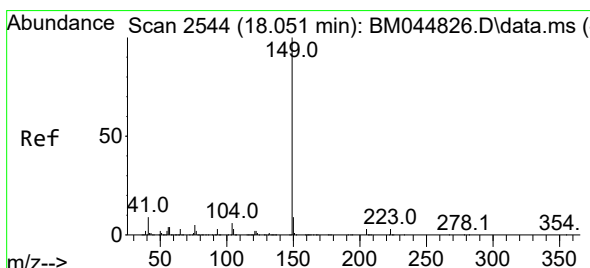
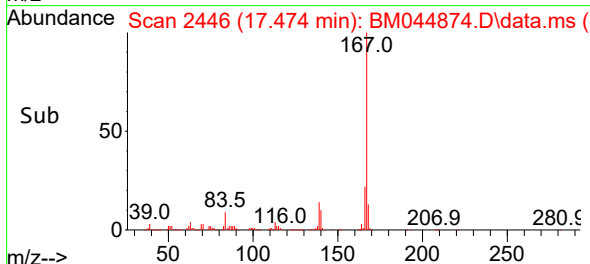
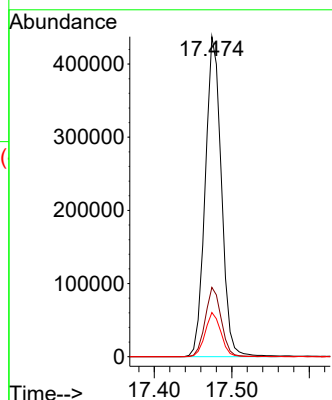
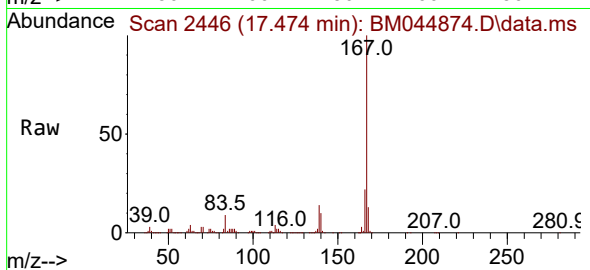
Tgt Ion:167 Resp: 633060

Ion Ratio Lower Upper

167 100

166 21.7 17.2 25.8

139 13.8 10.4 15.6



#78

Di-n-butylphthalate

Concen: 33.908 ng/ul

RT: 18.045 min Scan# 2543

Delta R.T. -0.006 min

Lab File: BM044874.D

Acq: 01 Apr 2024 20:30

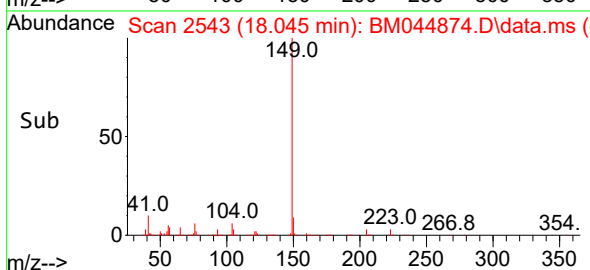
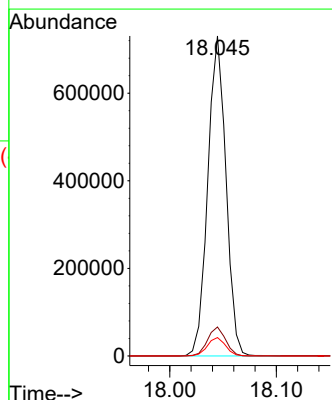
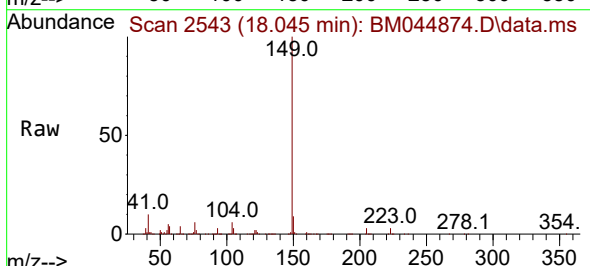
Tgt Ion:149 Resp: 865191

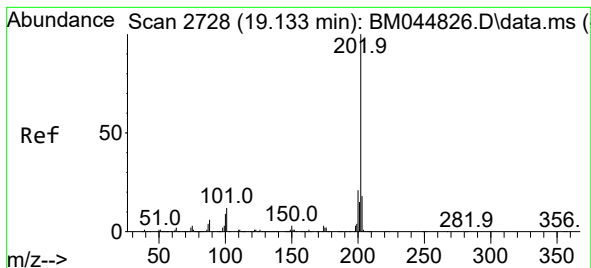
Ion Ratio Lower Upper

149 100

150 9.1 7.3 10.9

104 5.7 3.8 5.6#





#80

Fluoranthene

Concen: 35.179 ng/ul

RT: 19.127 min Scan# 2728

Delta R.T. -0.006 min

Lab File: BM044874.D

Acq: 01 Apr 2024 20:30

Instrument :

BNA_M

ClientSampleId :

SLCS928

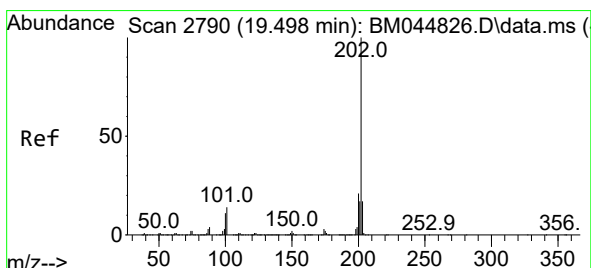
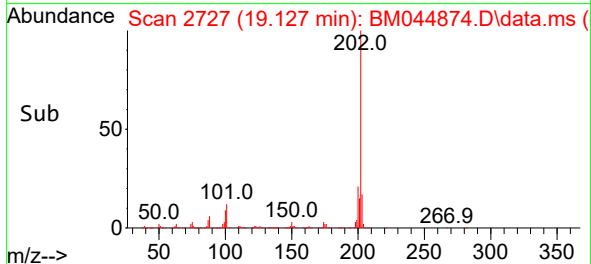
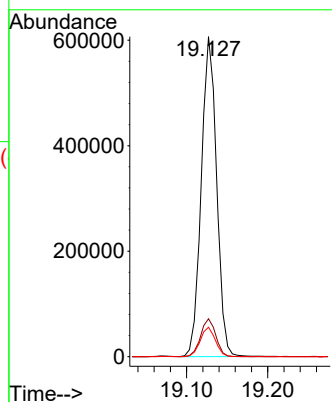
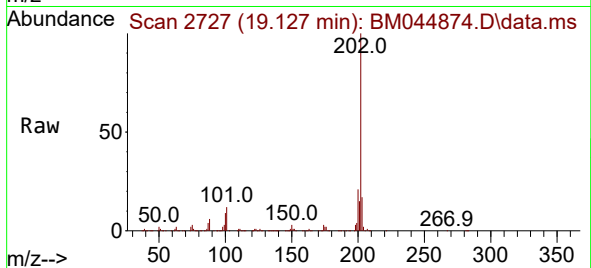
Tgt Ion:202 Resp: 796386

Ion Ratio Lower Upper

202 100

101 11.9 10.7 16.1

100 9.2 8.2 12.2



#82

Pyrene

Concen: 35.402 ng/ul

RT: 19.492 min Scan# 2789

Delta R.T. -0.006 min

Lab File: BM044874.D

Acq: 01 Apr 2024 20:30

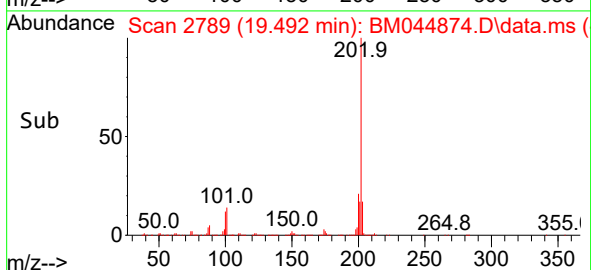
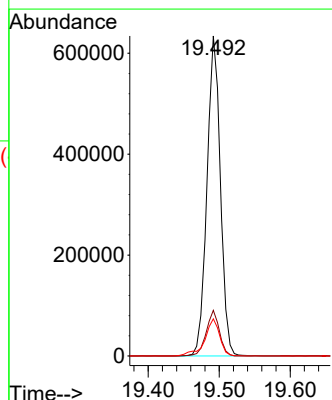
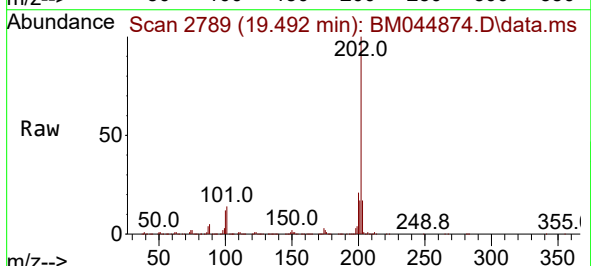
Tgt Ion:202 Resp: 834378

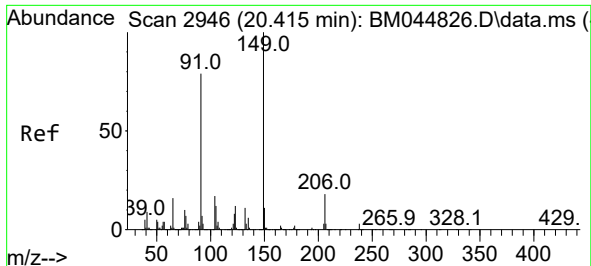
Ion Ratio Lower Upper

202 100

101 14.2 12.5 18.7

100 11.6 10.0 15.0

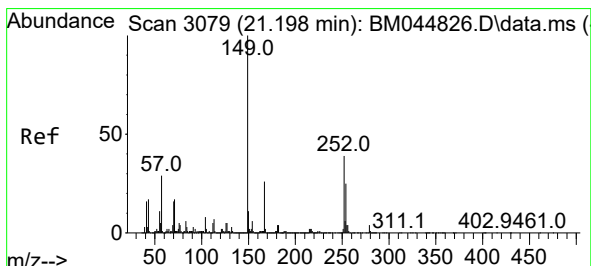
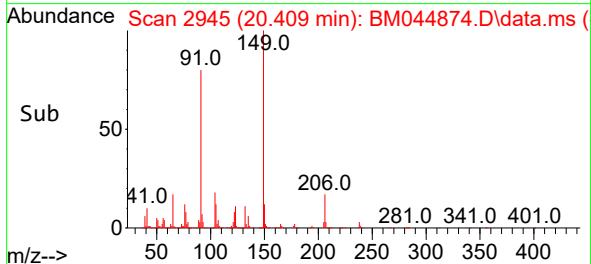
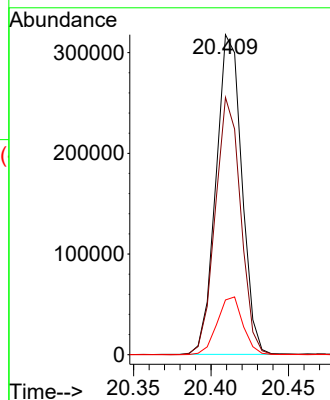
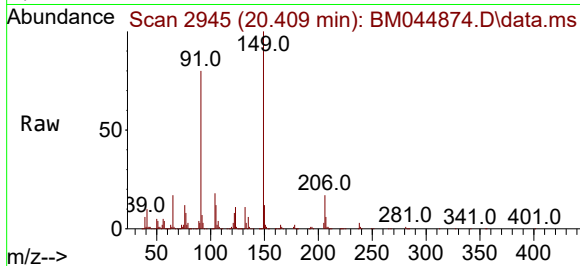




#83
Butylbenzylphthalate
Concen: 31.762 ng/ul
RT: 20.409 min Scan# 2945
Delta R.T. -0.006 min
Lab File: BM044874.D
Acq: 01 Apr 2024 20:30

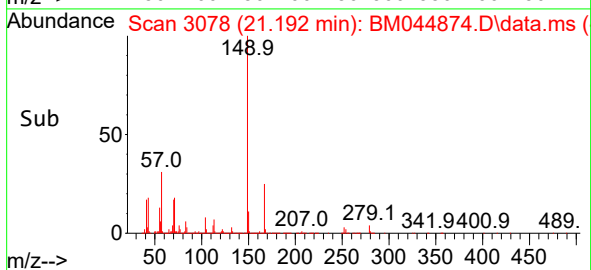
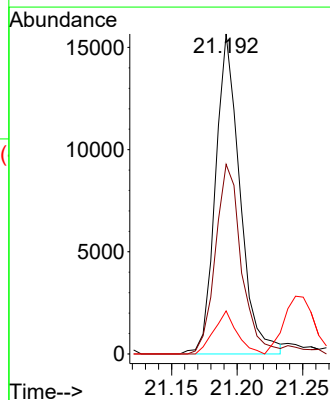
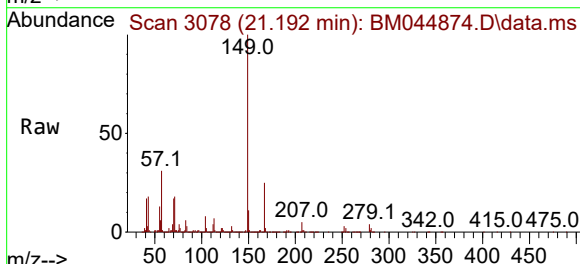
Instrument :
BNA_M
ClientSampleId :
SLCS928

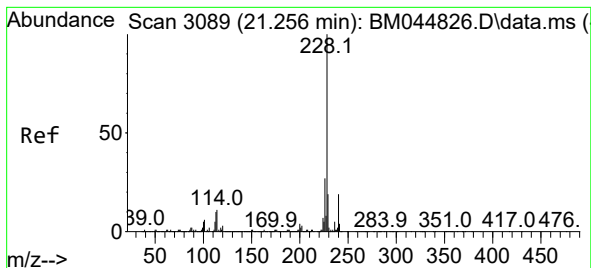
Tgt Ion:149 Resp: 368080
Ion Ratio Lower Upper
149 100
91 80.4 55.9 83.9
206 17.1 15.4 23.0



#84
3,3'-Dichlorobenzidine
Concen: 3.028 ng/ul
RT: 21.192 min Scan# 3078
Delta R.T. -0.006 min
Lab File: BM044874.D
Acq: 01 Apr 2024 20:30

Tgt Ion:252 Resp: 20299
Ion Ratio Lower Upper
252 100
254 59.2 51.6 77.4
126 13.5 11.1 16.7





#85

Benzo(a)anthracene

Concen: 34.813 ng/ul

RT: 21.245 min Scan# 3089

Delta R.T. -0.012 min

Lab File: BM044874.D

Acq: 01 Apr 2024 20:30

Instrument :

BNA_M

ClientSampleId :

SLCS928

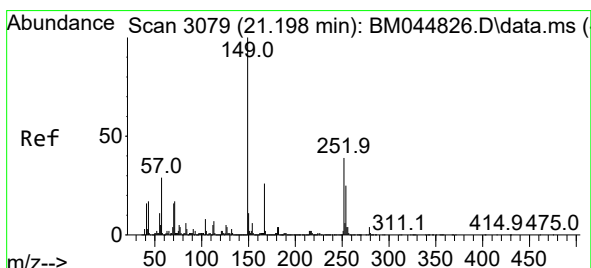
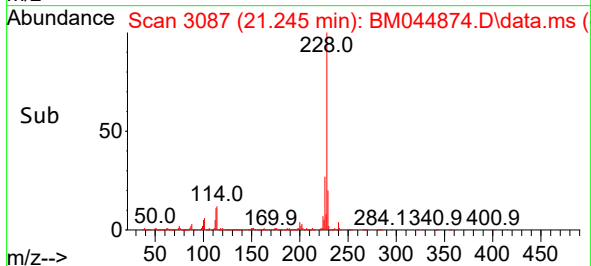
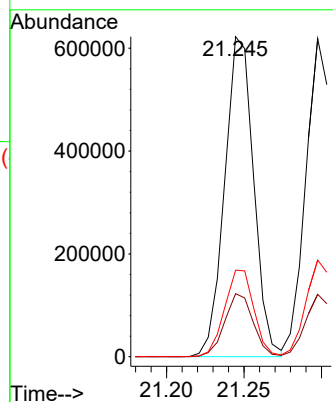
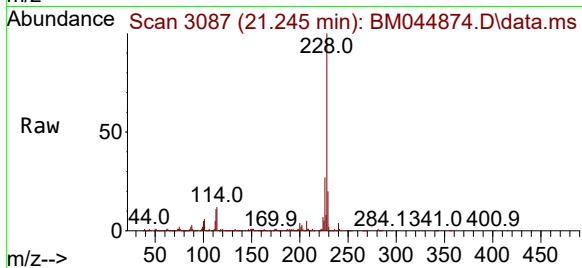
Tgt Ion:228 Resp: 810251

Ion Ratio Lower Upper

228 100

229 19.7 15.8 23.8

226 27.0 21.8 32.6



#86

Bis(2-ethylhexyl)phthalate

Concen: 32.321 ng/ul

RT: 21.192 min Scan# 3078

Delta R.T. -0.006 min

Lab File: BM044874.D

Acq: 01 Apr 2024 20:30

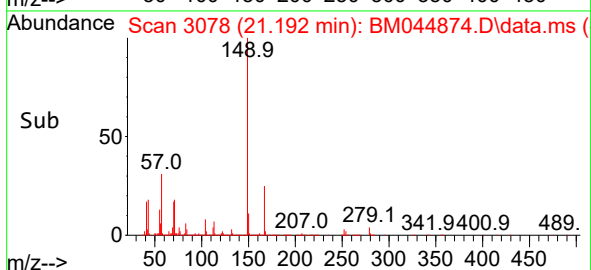
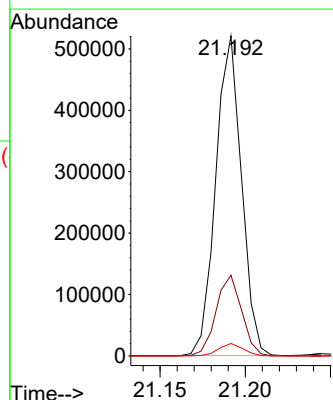
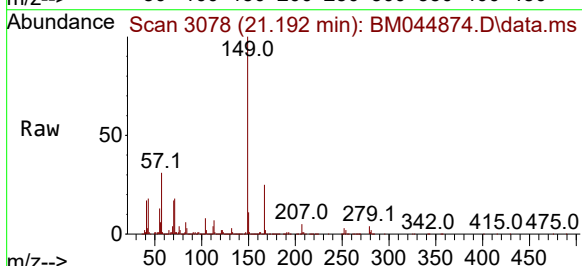
Tgt Ion:149 Resp: 546131

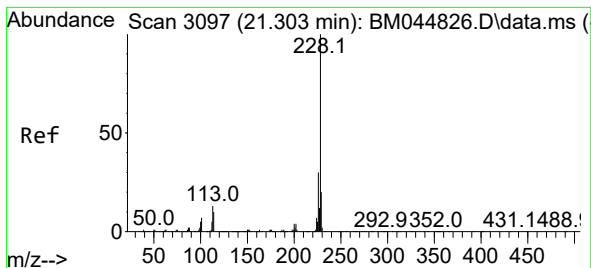
Ion Ratio Lower Upper

149 100

167 25.3 22.1 33.1

279 3.9 2.6 4.0





#87

Chrysene

Concen: 34.852 ng/ul

RT: 21.297 min Scan# 3097

Delta R.T. -0.006 min

Lab File: BM044874.D

Acq: 01 Apr 2024 20:30

Instrument :

BNA_M

ClientSampleId :

SLCS928

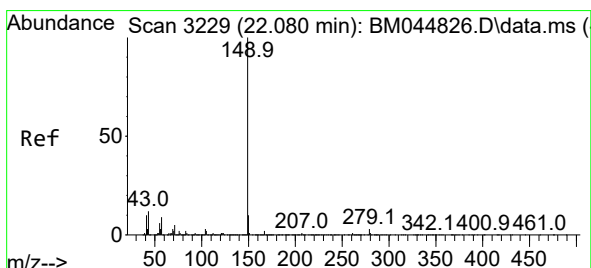
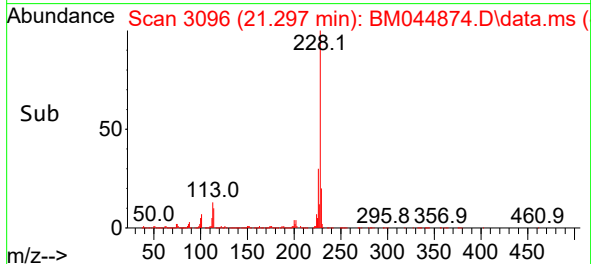
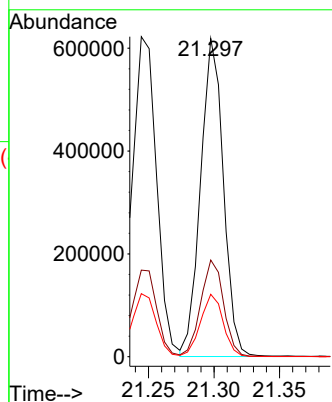
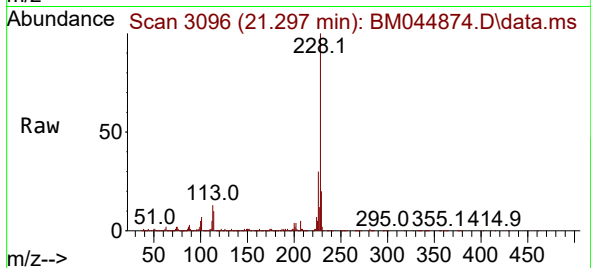
Tgt Ion:228 Resp: 750998

Ion Ratio Lower Upper

228 100

226 30.4 23.9 35.9

229 19.6 15.5 23.3



#89

Di-n-octyl phthalate

Concen: 30.905 ng/ul

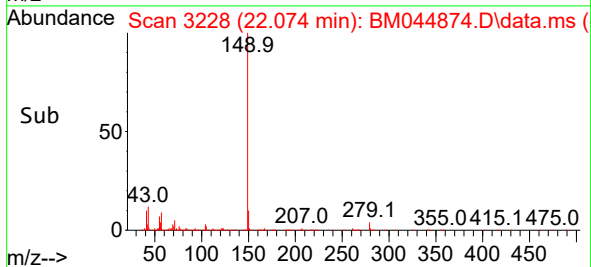
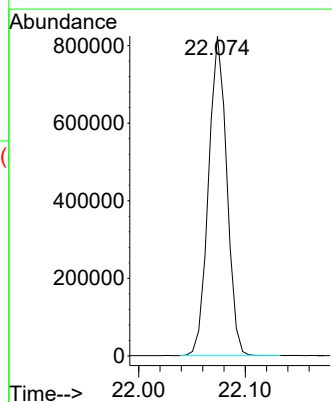
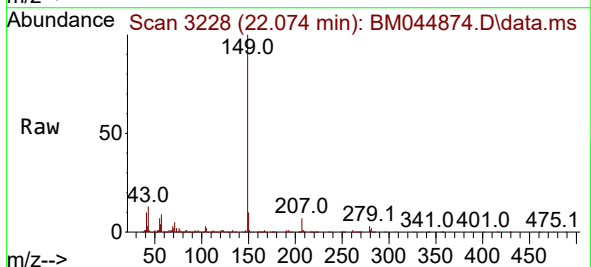
RT: 22.074 min Scan# 3228

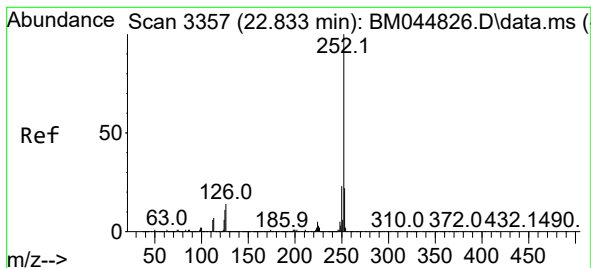
Delta R.T. -0.006 min

Lab File: BM044874.D

Acq: 01 Apr 2024 20:30

Tgt Ion:149 Resp: 978292





#90

Benzo(b)fluoranthene

Concen: 34.695 ng/ul

RT: 22.821 min Scan# 3355

Delta R.T. -0.012 min

Lab File: BM044874.D

Acq: 01 Apr 2024 20:30

Instrument :

BNA_M

ClientSampleId :

SLCS928

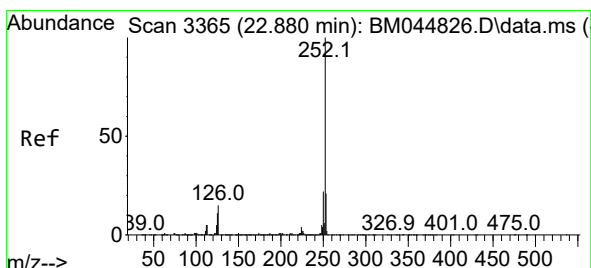
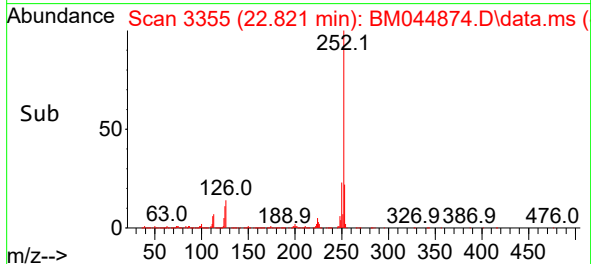
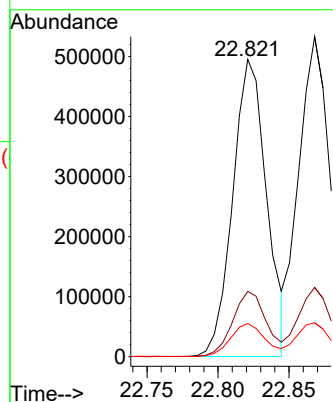
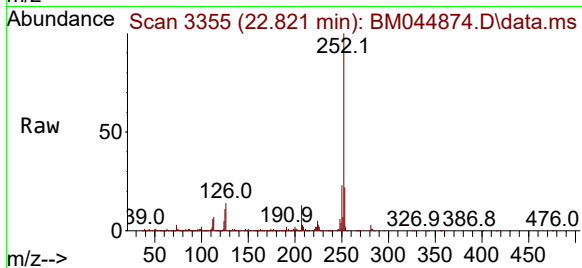
Tgt Ion:252 Resp: 821161

Ion Ratio Lower Upper

252 100

253 21.9 17.7 26.5

125 11.1 9.3 13.9



#91

Benzo(k)fluoranthene

Concen: 35.359 ng/ul

RT: 22.868 min Scan# 3363

Delta R.T. -0.012 min

Lab File: BM044874.D

Acq: 01 Apr 2024 20:30

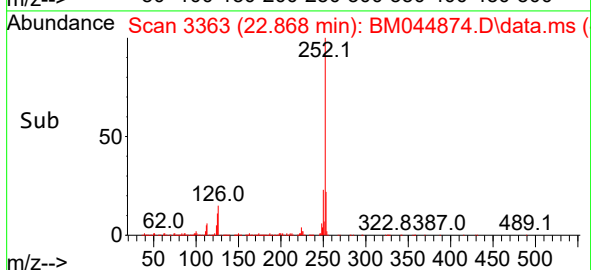
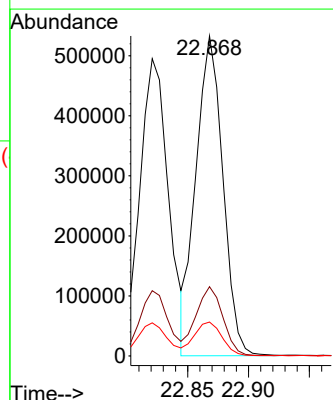
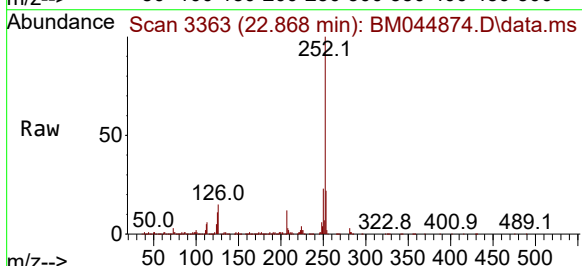
Tgt Ion:252 Resp: 819642

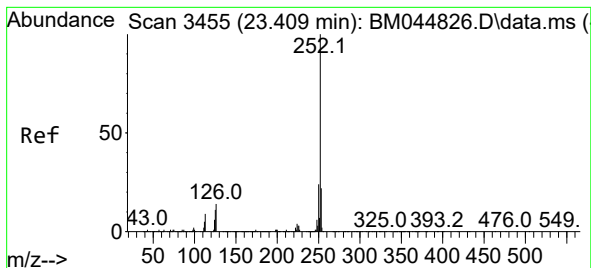
Ion Ratio Lower Upper

252 100

253 21.6 17.5 26.3

125 10.6 10.0 15.0





#93

Benzo(a)pyrene

Concen: 36.065 ng/ul

RT: 23.397 min Scan# 34

Delta R.T. -0.012 min

Lab File: BM044874.D

Acq: 01 Apr 2024 20:30

Instrument :

BNA_M

ClientSampleId :

SLCS928

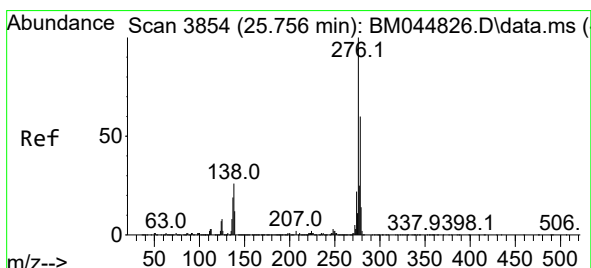
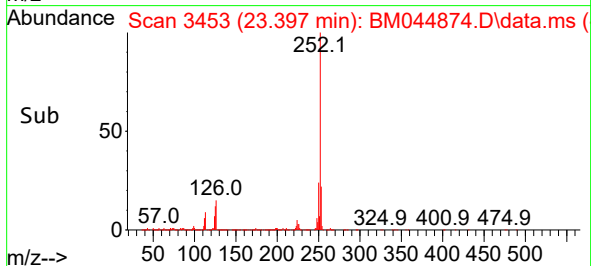
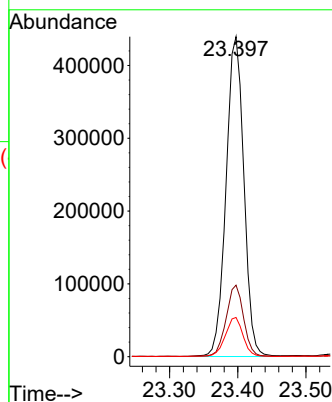
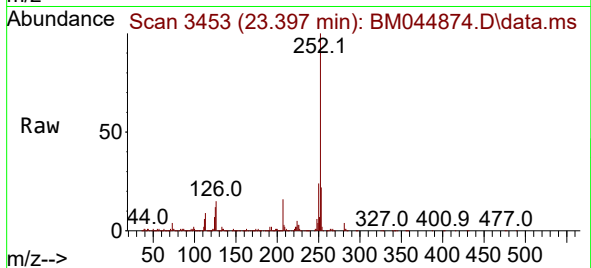
Tgt Ion:252 Resp: 798468

Ion Ratio Lower Upper

252 100

253 22.3 17.7 26.5

125 12.3 10.9 16.3



#94

Indeno(1,2,3-cd)pyrene

Concen: 40.033 ng/ul

RT: 25.744 min Scan# 3852

Delta R.T. -0.012 min

Lab File: BM044874.D

Acq: 01 Apr 2024 20:30

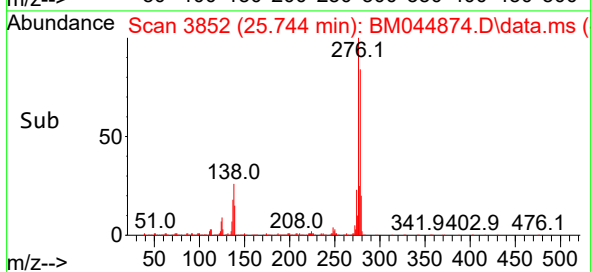
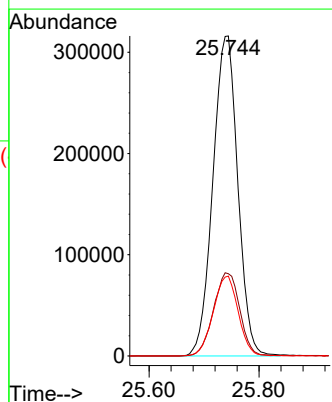
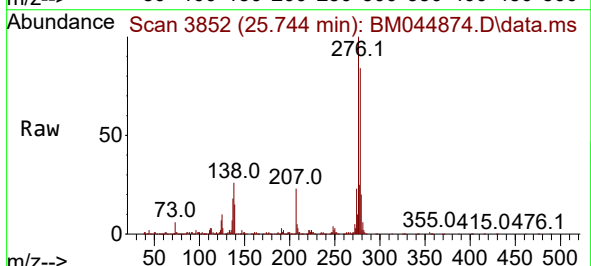
Tgt Ion:276 Resp: 994113

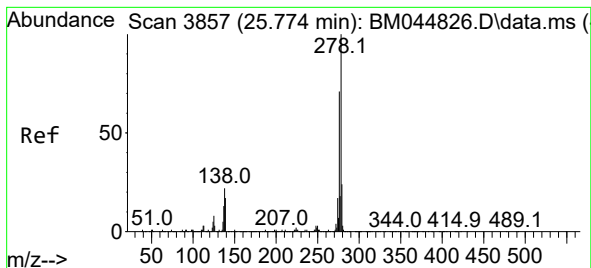
Ion Ratio Lower Upper

276 100

138 25.7 23.1 34.7

277 24.9 19.7 29.5





#95

Dibenzo(a,h)anthracene

Concen: 40.685 ng/ul

RT: 25.756 min Scan# 3

Delta R.T. -0.018 min

Lab File: BM044874.D

Acq: 01 Apr 2024 20:30

Instrument :

BNA_M

ClientSampleId :

SLCS928

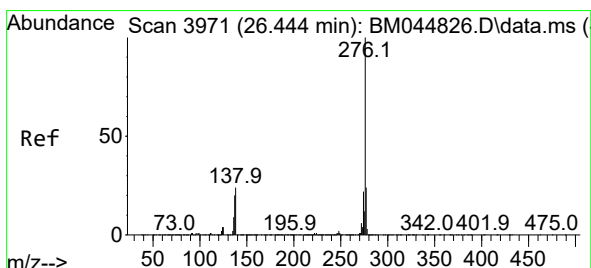
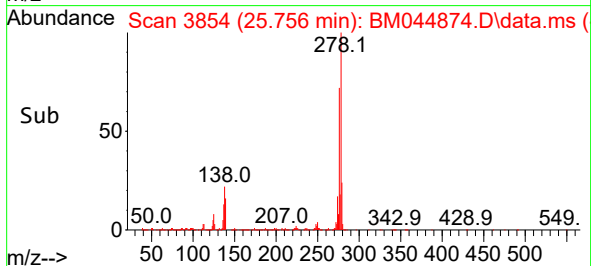
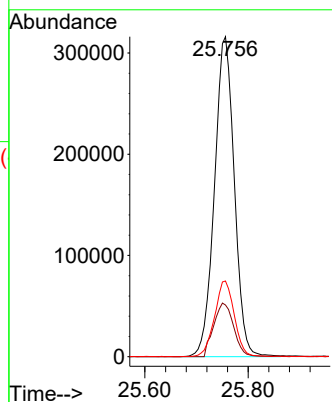
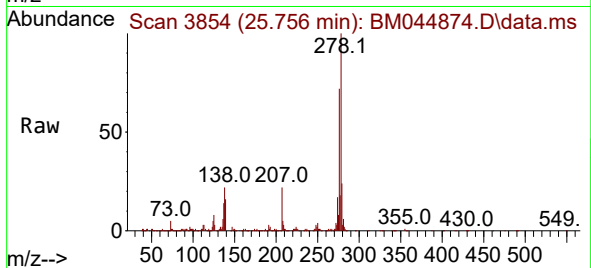
Tgt Ion:278 Resp: 842414

Ion Ratio Lower Upper

278 100

139 16.2 15.8 23.6

279 23.6 19.0 28.6



#96

Benzo(g,h,i)perylene

Concen: 39.623 ng/ul

RT: 26.421 min Scan# 3967

Delta R.T. -0.024 min

Lab File: BM044874.D

Acq: 01 Apr 2024 20:30

Tgt Ion:276 Resp: 785189

Ion Ratio Lower Upper

276 100

138 23.3 20.8 31.2

277 23.8 19.0 28.4

