

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022324\
 Data File : BM044271.D
 Acq On : 23 Feb 2024 15:09
 Operator : MA/JU
 Sample : PB159158BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS158

Quant Time: Feb 23 23:13:27 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022324.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Feb 23 22:49:27 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.898	152	206196	20.000	ng/u1	0.00
20) Naphthalene-d8	10.704	136	864595	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.545	164	479361	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.298	188	948846	20.000	ng/u1	0.00
79) Chrysene-d12	21.503	240	876868	20.000	ng/u1	0.00
88) Perylene-d12	23.903	264	1006260	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.346	96	40743	6.234	ng/uL	0.00
4) Pyridine-d5	3.757	84	561674	31.470	ng/u1	0.00
7) Phenol-d5	7.063	99	625768	31.680	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.245	67	405165	31.675	ng/u1	0.00
11) 2-Chlorophenol-d4	7.428	132	496403	33.367	ng/u1	0.00
15) 4-Methylphenol-d8	8.616	113	472254	31.597	ng/u1	0.01
21) Nitrobenzene-d5	9.069	128	240402	34.197	ng/u1	0.00
24) 2-Nitrophenol-d4	9.786	143	253882	35.398	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.322	165	440971	34.855	ng/u1	0.00
31) 4-Chloroaniline-d4	10.851	131	624510	29.391	ng/u1	0.00
46) Dimethylphthalate-d6	13.968	166	1259191	34.059	ng/u1	0.00
49) Acenaphthylene-d8	14.239	160	1491291	35.059	ng/u1	0.00
54) 4-Nitrophenol-d4	14.751	143	246284	33.478	ng/u1	0.00
60) Fluorene-d10	15.539	176	1064885	34.031	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.668	200	208417	35.400	ng/u1	0.00
73) Anthracene-d10	17.398	188	1577579	34.869	ng/u1	0.00
81) Pyrene-d10	19.697	212	1800490	34.130	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.744	264	1844355	35.770	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.381	88	87771	12.742	ng/uL	98
5) Pyridine	3.775	79	593569	31.789	ng/u1	97
6) Benzaldehyde	7.045	77	312903	36.493	ng/u1	99
8) Phenol	7.092	94	674657	32.858	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.334	93	562319	32.719	ng/u1	99
12) 2-Chlorophenol	7.463	128	527759	34.290	ng/u1	96
13) 2-Methylphenol	8.345	108	491329	32.481	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.433	45	747339	31.805	ng/u1	98
16) Acetophenone	8.733	105	786202	32.925	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.722	70	408095	34.117	ng/u1	97
18) 4-Methylphenol	8.675	108	531968	33.013	ng/u1	100
19) Hexachloroethane	8.969	117	220126	33.713	ng/u1	97
22) Nitrobenzene	9.116	77	580569	34.149	ng/u1	99
23) Isophorone	9.639	82	1133195	34.392	ng/u1	99
25) 2-Nitrophenol	9.822	139	284921	35.819	ng/u1	98
26) 2,4-Dimethylphenol	9.880	107	478775	31.522	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.127	93	728077	33.990	ng/u1	100
29) 2,4-Dichlorophenol	10.351	162	447278	34.932	ng/u1	99
30) Naphthalene	10.751	128	1657402	33.706	ng/u1	99
32) 4-Chloroaniline	10.874	127	527767	25.489	ng/u1	98
33) Hexachlorobutadiene	11.027	225	263357	34.140	ng/u1	99
34) Caprolactam	11.657	113	141046	31.867	ng/u1	98
35) 4-Chloro-3-methylphenol	11.998	107	486730	35.680	ng/u1	98
36) 2-Methylnaphthalene	12.369	142	1066925	34.065	ng/u1	100

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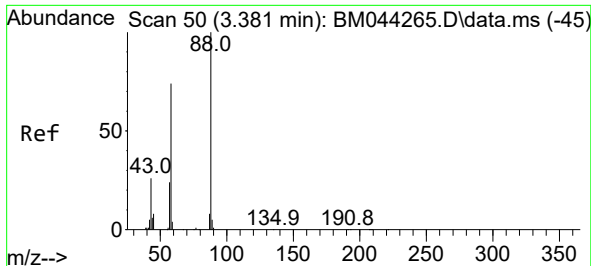
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.586	142	1048710	33.871	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.727	216	495984	34.952	ng/ul	98
40) Hexachlorocyclopentadiene	12.704	237	302658	31.701	ng/ul	98
41) 2,4,6-Trichlorophenol	12.980	196	320673	35.452	ng/ul	99
42) 2,4,5-Trichlorophenol	13.045	196	344528	35.235	ng/ul	99
43) 1,1'-Biphenyl	13.380	154	1340165	34.341	ng/ul	99
44) 2-Chloronaphthalene	13.421	162	1052089	34.430	ng/ul	99
45) 2-Nitroaniline	13.639	65	314713	37.199	ng/ul	95
47) Dimethylphthalate	14.015	163	1315149	34.806	ng/ul	100
48) 2,6-Dinitrotoluene	14.139	165	260853	36.915	ng/ul	98
50) Acenaphthylene	14.268	152	1762414	34.980	ng/ul	100
51) 3-Nitroaniline	14.463	138	268159	35.971	ng/ul	99
52) Acenaphthene	14.610	153	1137599	34.202	ng/ul	99
53) 2,4-Dinitrophenol	14.668	184	143712	32.775	ng/ul	99
55) 4-Nitrophenol	14.768	109	170783	33.793	ng/ul	96
56) Dibenzofuran	14.945	168	1527801	34.217	ng/ul	100
57) 2,4-Dinitrotoluene	14.921	165	376272	37.064	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.168	232	270418	34.364	ng/ul	98
59) Diethylphthalate	15.386	149	1366367	35.130	ng/ul	100
61) Fluorene	15.598	166	1234892	34.435	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.598	204	588858	34.841	ng/ul	99
63) 4-Nitroaniline	15.627	138	296709	41.151	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.680	198	227924	35.390	ng/ul	95
67) N-Nitrosodiphenylamine	15.815	169	1037563	36.084	ng/ul	100
68) 4-Bromophenyl-phenylether	16.492	248	338625	35.919	ng/ul	99
69) Hexachlorobenzene	16.592	284	389416	36.090	ng/ul	98
70) Atrazine	16.774	200	230600	24.482	ng/ul	99
71) Pentachlorophenol	16.939	266	232338	32.674	ng/ul	100
72) Phenanthrene	17.345	178	1909547	35.081	ng/ul	100
74) Anthracene	17.433	178	1929095	35.200	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.339	216	488004	36.742	ng/ul	99
76) Pentachlorobenzene	14.857	250	459596	36.247	ng/ul	96
77) Carbazole	17.709	167	1811731	35.157	ng/ul	100
78) Di-n-butylphthalate	18.286	149	2471187	37.874	ng/ul	100
80) Fluoranthene	19.362	202	2168743	34.278	ng/ul	99
82) Pyrene	19.727	202	2275665	34.297	ng/ul	100
83) Butylbenzylphthalate	20.650	149	1139722	38.243	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.427	252	733954	37.421	ng/ul	99
85) Benzo(a)anthracene	21.486	228	2327956	35.597	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.433	149	1782103	39.057	ng/ul	99
87) Chrysene	21.539	228	2171909	35.331	ng/ul	99
89) Di-n-octyl phthalate	22.374	149	3129834	36.303	ng/ul	100
90) Benzo(b)fluoranthene	23.174	252	2357328	36.542	ng/ul	99
91) Benzo(k)fluoranthene	23.221	252	2335246	35.245	ng/ul	99
93) Benzo(a)pyrene	23.797	252	2250364	36.182	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.397	276	2723996	36.217	ng/ul	99
95) Dibenzo(a,h)anthracene	26.421	278	2309286	36.741	ng/ul	99
96) Benzo(g,h,i)perylene	27.156	276	2191237	36.016	ng/ul	97

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

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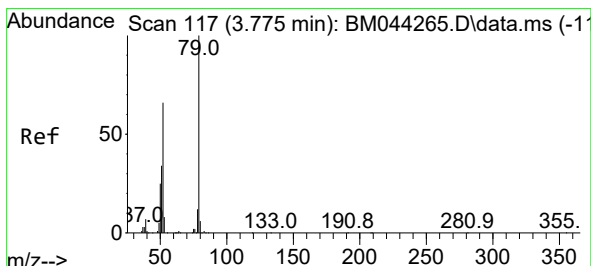
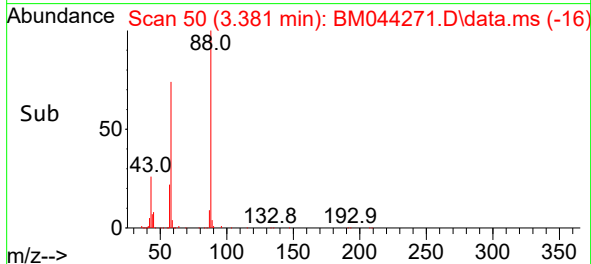
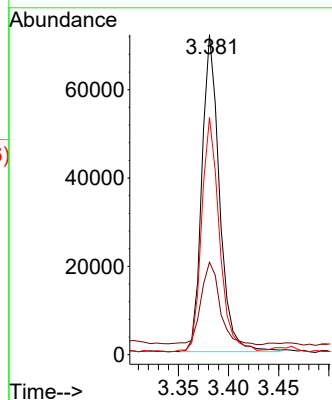
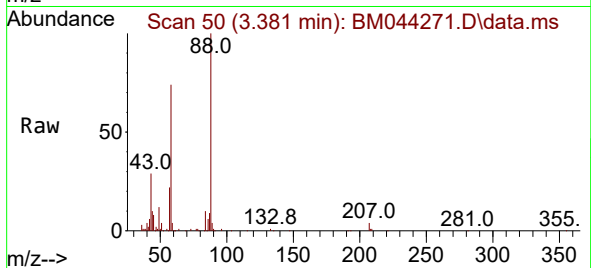




#2
1,4-Dioxane
Concen: 12.742 ng/uL
RT: 3.381 min Scan# 50
Delta R.T. -0.000 min
Lab File: BM044271.D
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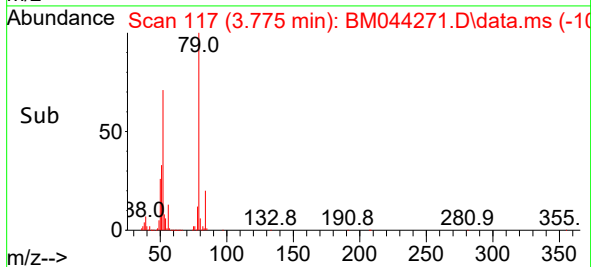
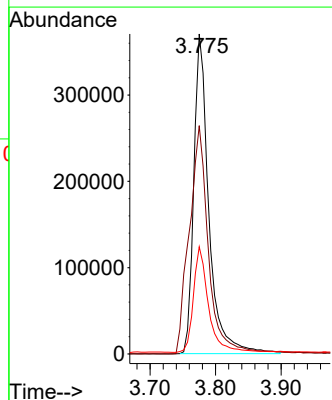
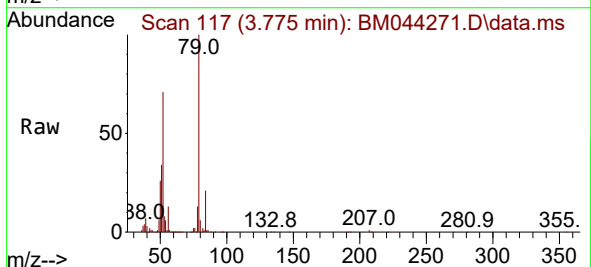
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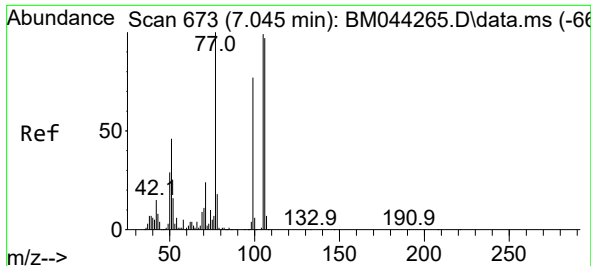
Tgt Ion: 88 Resp: 87771
Ion Ratio Lower Upper
88 100
43 28.9 21.2 31.8
58 74.1 58.3 87.5



#5
Pyridine
Concen: 31.789 ng/uL
RT: 3.775 min Scan# 117
Delta R.T. -0.000 min
Lab File: BM044271.D
Acq: 23 Feb 2024 15:09

Tgt Ion: 79 Resp: 593569
Ion Ratio Lower Upper
79 100
52 71.3 58.9 88.3
51 33.5 27.8 41.8

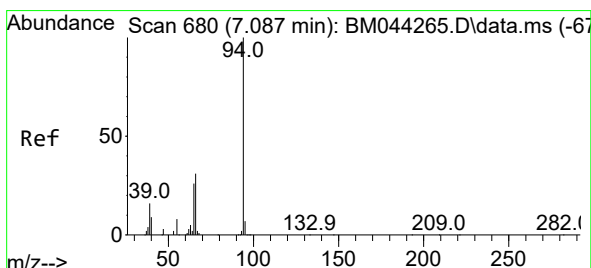
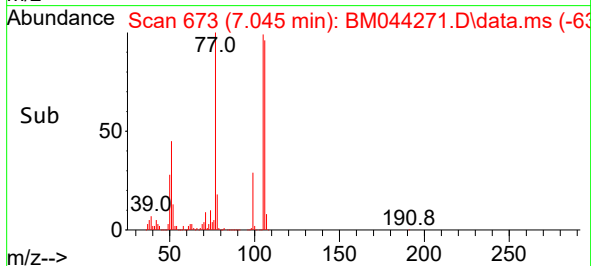
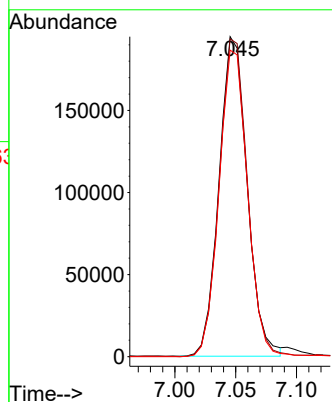
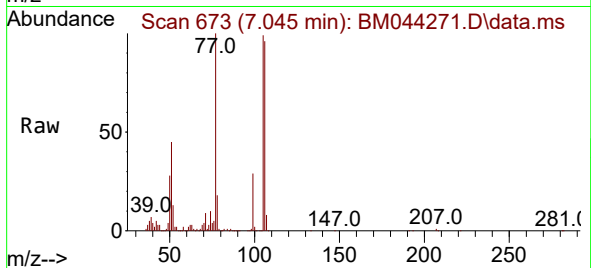




#6
Benzaldehyde
Concen: 36.493 ng/ul
RT: 7.045 min Scan# 611
Delta R.T. -0.000 min
Lab File: BM044271.D
Acq: 23 Feb 2024 15:09

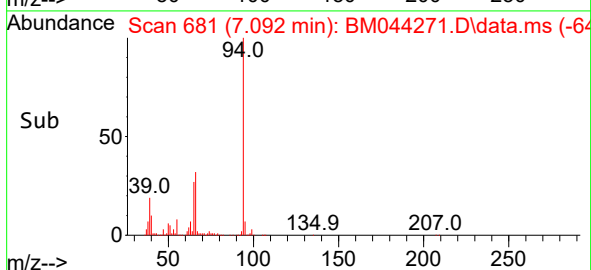
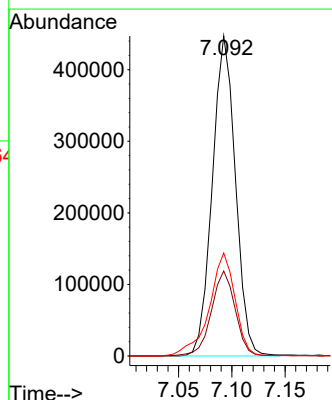
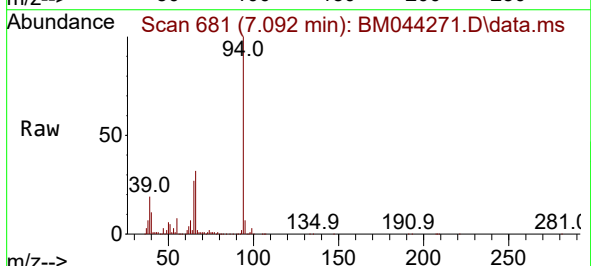
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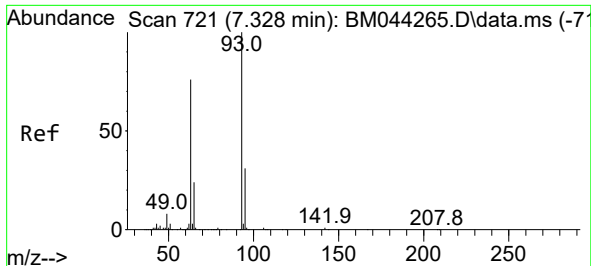
Tgt Ion: 77 Resp: 312903
Ion Ratio Lower Upper
77 100
105 99.3 79.0 118.6
106 95.8 77.4 116.2



#8
Phenol
Concen: 32.858 ng/ul
RT: 7.092 min Scan# 681
Delta R.T. 0.006 min
Lab File: BM044271.D
Acq: 23 Feb 2024 15:09

Tgt Ion: 94 Resp: 674657
Ion Ratio Lower Upper
94 100
65 26.6 20.6 31.0
66 32.2 25.4 38.0

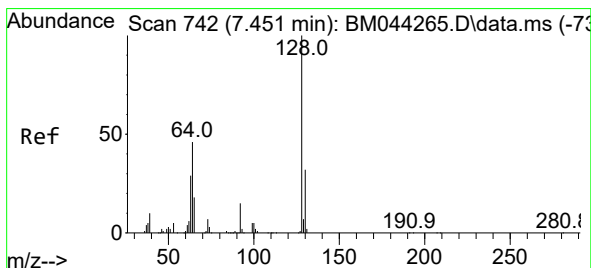
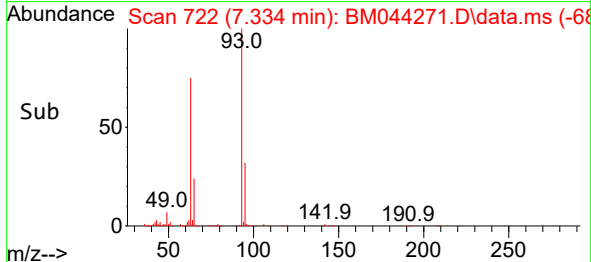
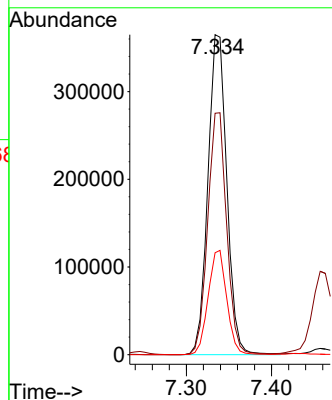
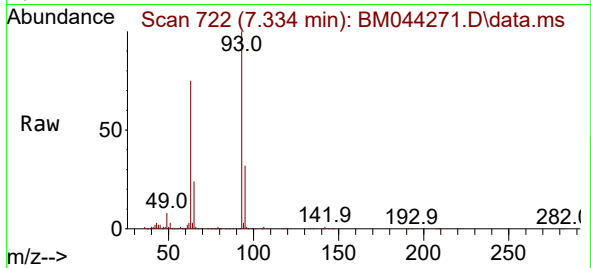




#10
 Bis(2-Chloroethyl)ether
 Concen: 32.719 ng/ul
 RT: 7.334 min Scan# 71
 Delta R.T. 0.006 min
 Lab File: BM044271.D
 Acq: 23 Feb 2024 15:09

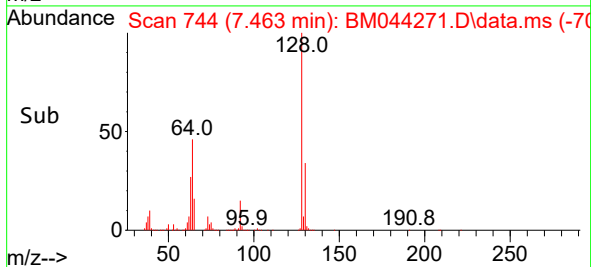
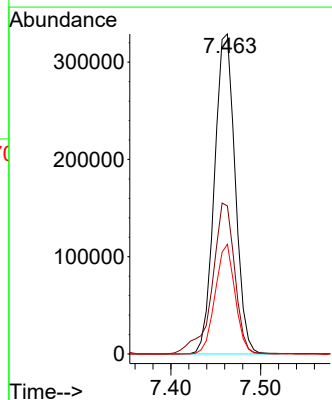
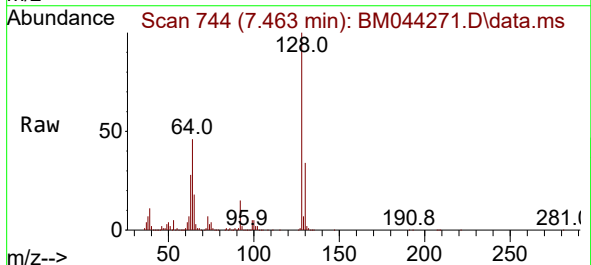
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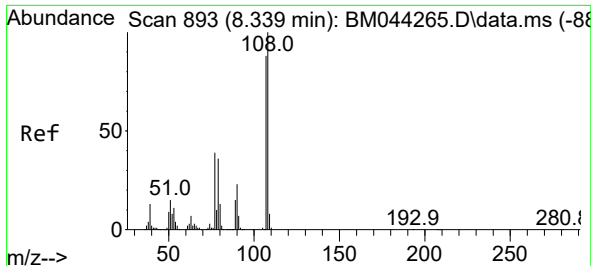
Tgt Ion: 93 Resp: 562319
 Ion Ratio Lower Upper
 93 100
 63 75.4 61.0 91.6
 95 31.9 25.1 37.7



#12
 2-Chlorophenol
 Concen: 34.290 ng/ul
 RT: 7.463 min Scan# 744
 Delta R.T. 0.012 min
 Lab File: BM044271.D
 Acq: 23 Feb 2024 15:09

Tgt Ion:128 Resp: 527759
 Ion Ratio Lower Upper
 128 100
 64 46.3 39.0 58.6
 130 34.3 25.4 38.0

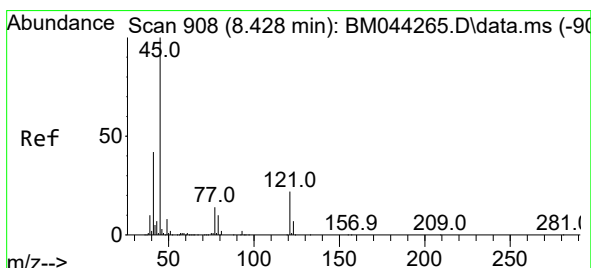
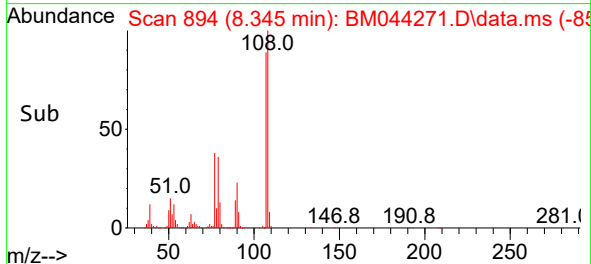
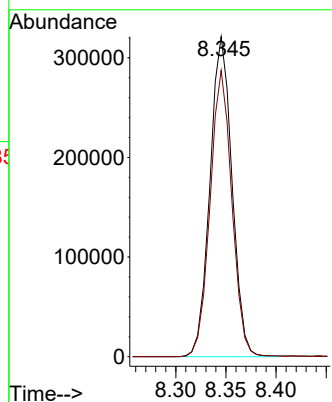
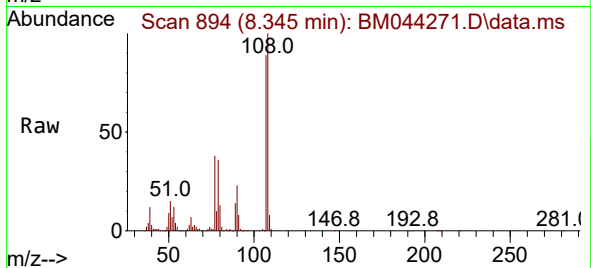




#13
2-Methylphenol
Concen: 32.481 ng/ul
RT: 8.345 min Scan# 894
Delta R.T. 0.006 min
Lab File: BM044271.D
Acq: 23 Feb 2024 15:09

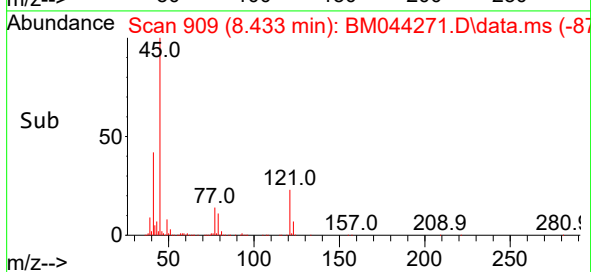
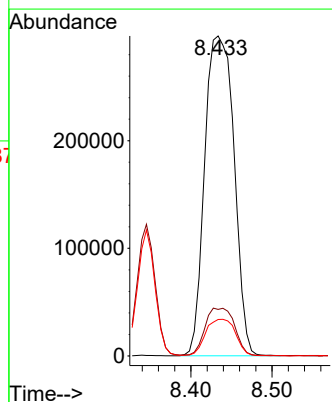
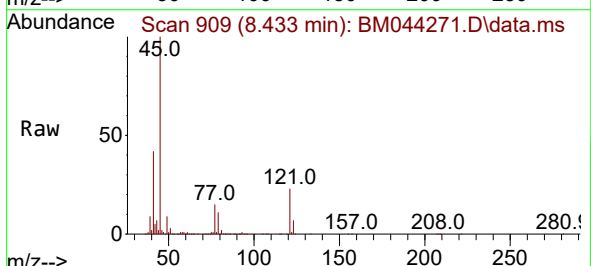
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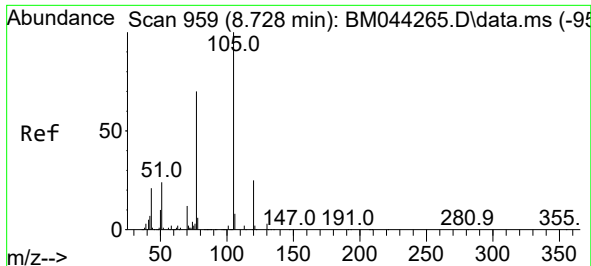
Tgt Ion:108 Resp: 491329
Ion Ratio Lower Upper
108 100
107 89.4 70.6 105.8



#14
2,2'-oxybis(1-Chloropropane)
Concen: 31.805 ng/ul
RT: 8.433 min Scan# 909
Delta R.T. 0.006 min
Lab File: BM044271.D
Acq: 23 Feb 2024 15:09

Tgt Ion: 45 Resp: 747339
Ion Ratio Lower Upper
45 100
77 14.6 11.3 16.9
79 11.4 8.5 12.7

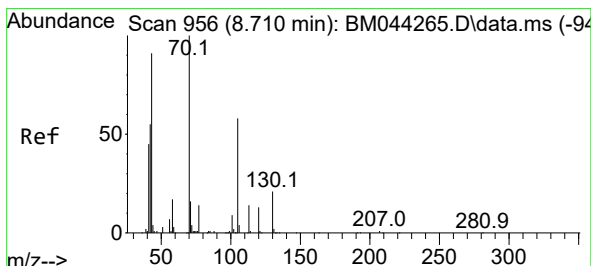
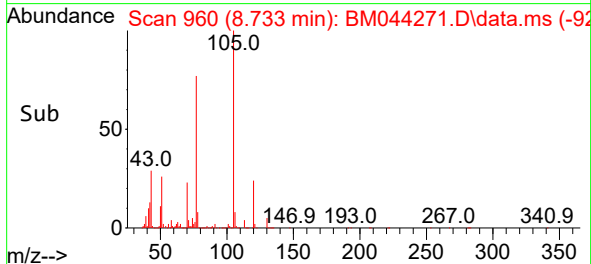
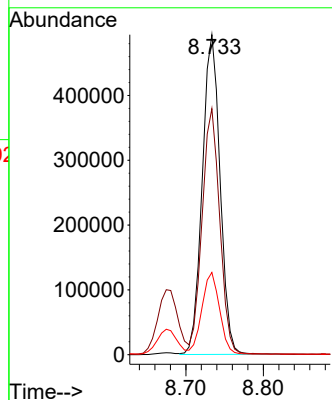
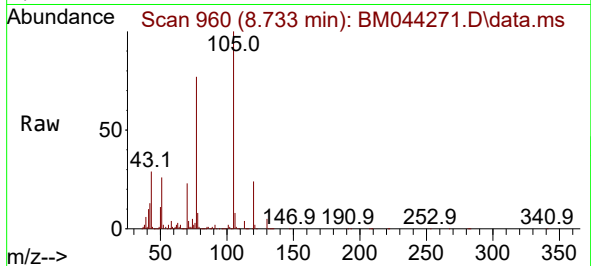




#16
Acetophenone
Concen: 32.925 ng/ul
RT: 8.733 min Scan# 90
Delta R.T. 0.006 min
Lab File: BM044271.D
Acq: 23 Feb 2024 15:09

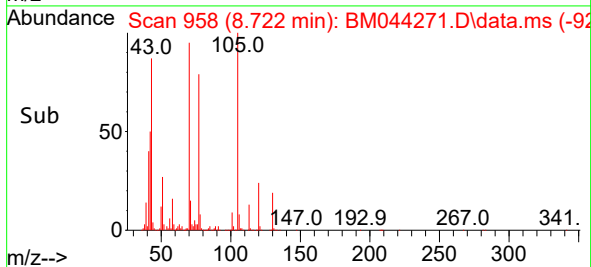
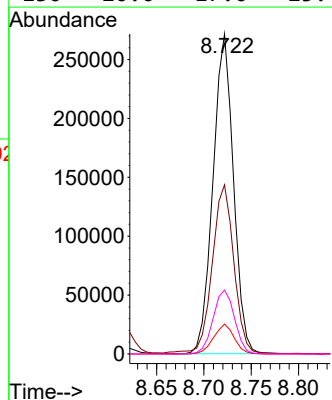
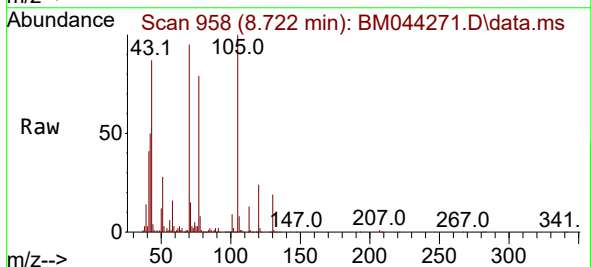
Instrument :
BNA_M
ClientSampleId :
SLCS158

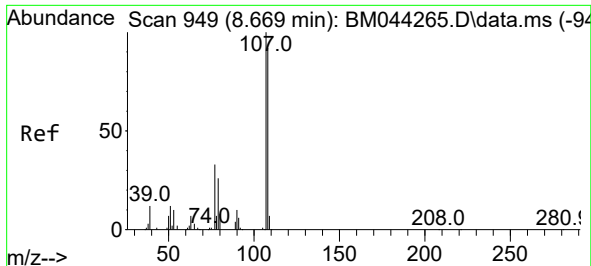
Tgt Ion:105 Resp: 786202
Ion Ratio Lower Upper
105 100
77 76.9 61.2 91.8
51 25.7 21.1 31.7



#17
N-Nitroso-di-n-propylamine
Concen: 34.117 ng/ul
RT: 8.722 min Scan# 958
Delta R.T. 0.012 min
Lab File: BM044271.D
Acq: 23 Feb 2024 15:09

Tgt Ion: 70 Resp: 408095
Ion Ratio Lower Upper
70 100
42 52.9 44.4 66.6
101 9.4 7.5 11.3
130 20.0 17.0 25.4

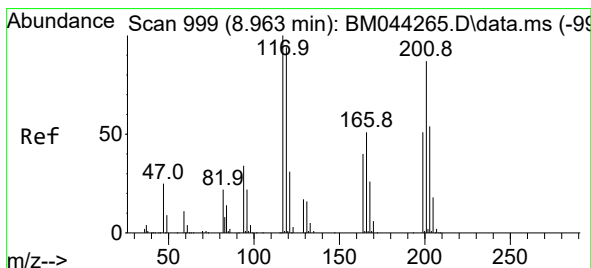
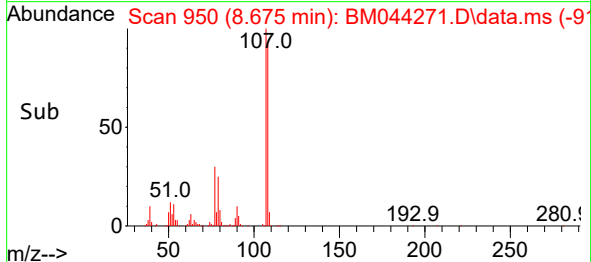
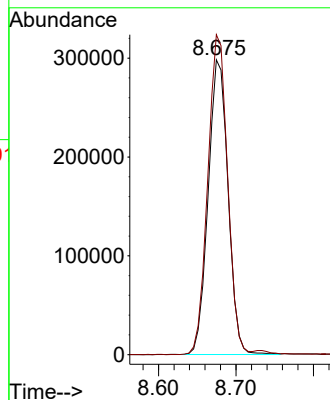
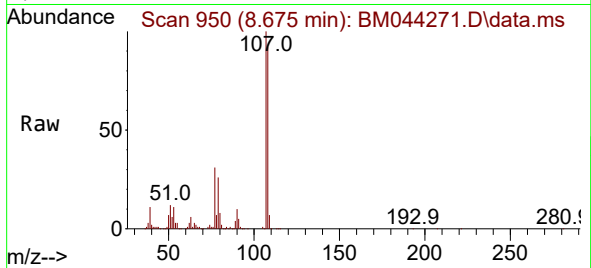




#18
4-Methylphenol
Concen: 33.013 ng/ul
RT: 8.675 min Scan# 91
Delta R.T. 0.006 min
Lab File: BM044271.D
Acq: 23 Feb 2024 15:09

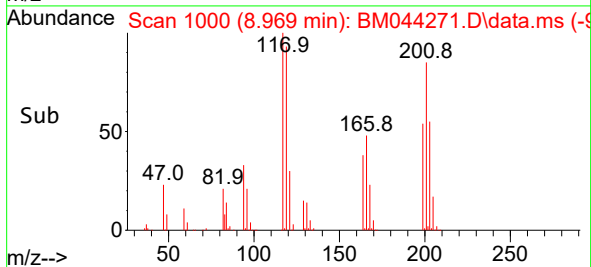
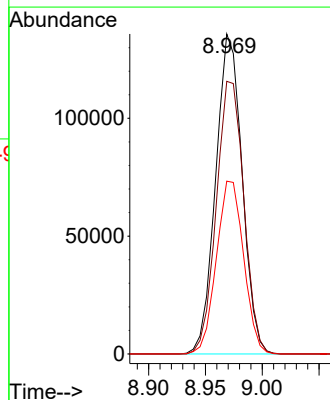
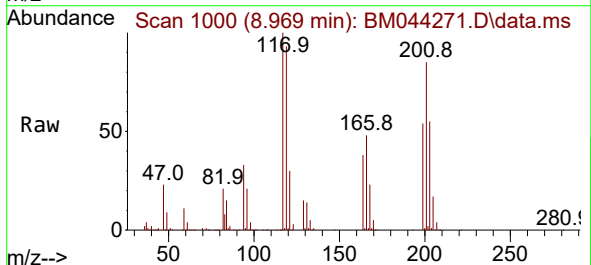
Instrument :
BNA_M
ClientSampleId :
SLCS158

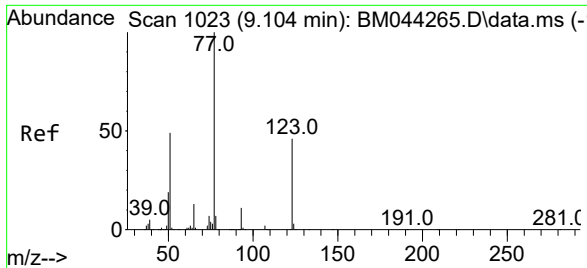
Tgt Ion:108 Resp: 531968
Ion Ratio Lower Upper
108 100
107 108.5 86.8 130.2



#19
Hexachloroethane
Concen: 33.713 ng/ul
RT: 8.969 min Scan# 1000
Delta R.T. 0.006 min
Lab File: BM044271.D
Acq: 23 Feb 2024 15:09

Tgt Ion:117 Resp: 220126
Ion Ratio Lower Upper
117 100
201 85.2 69.8 104.6
199 54.0 40.8 61.2

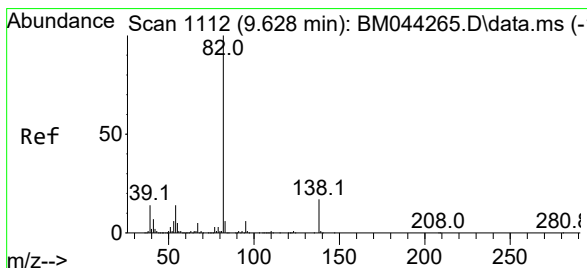
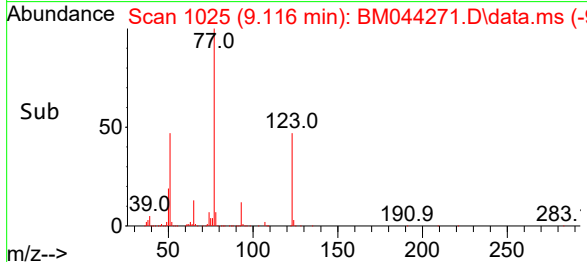
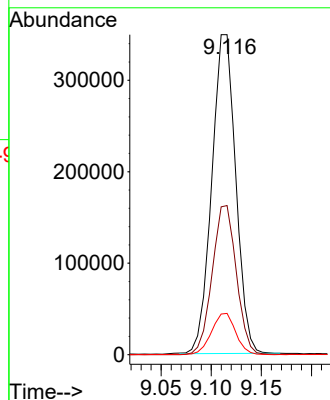
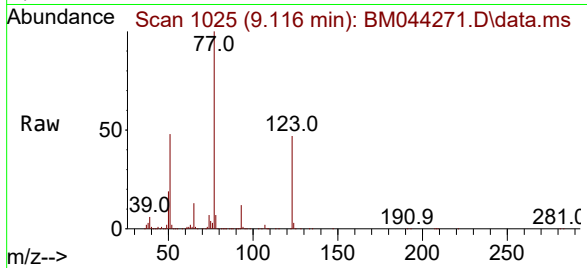




#22
Nitrobenzene
Concen: 34.149 ng/ul
RT: 9.116 min Scan# 1023
Delta R.T. 0.012 min
Lab File: BM044271.D
Acq: 23 Feb 2024 15:09

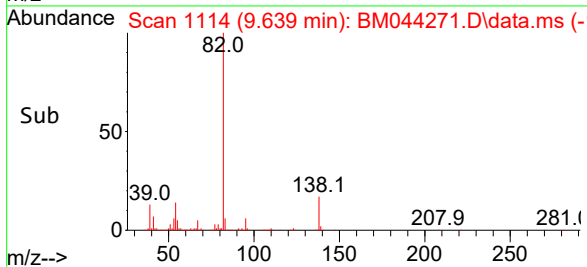
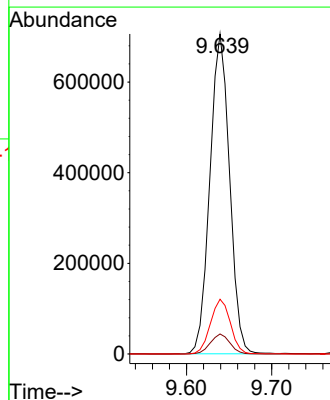
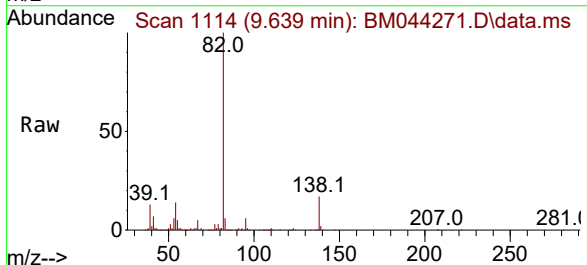
Instrument :
BNA_M
ClientSampleId :
SLCS158

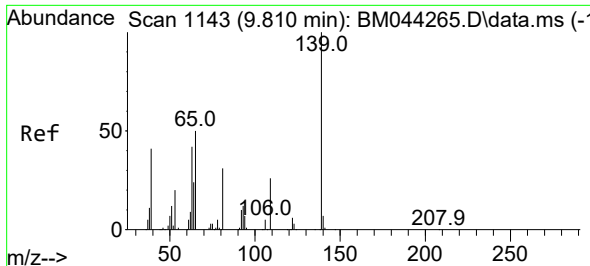
Tgt Ion: 77 Resp: 580569
Ion Ratio Lower Upper
77 100
123 46.6 36.9 55.3
65 12.9 10.2 15.2



#23
Isophorone
Concen: 34.392 ng/ul
RT: 9.639 min Scan# 1114
Delta R.T. 0.012 min
Lab File: BM044271.D
Acq: 23 Feb 2024 15:09

Tgt Ion: 82 Resp: 1133195
Ion Ratio Lower Upper
82 100
95 6.3 4.6 7.0
138 17.1 13.5 20.3

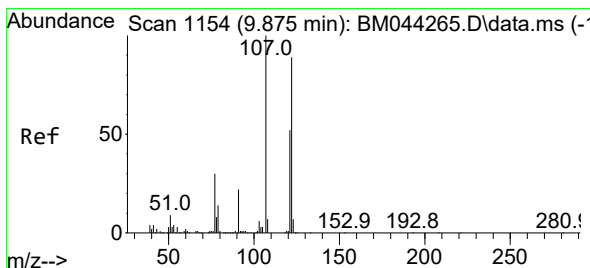
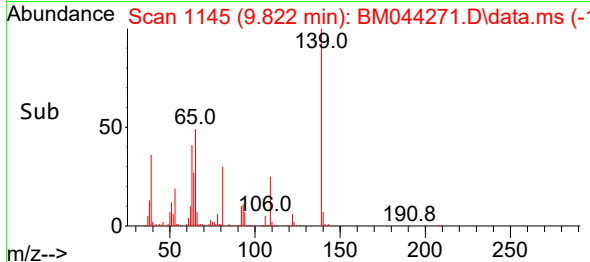
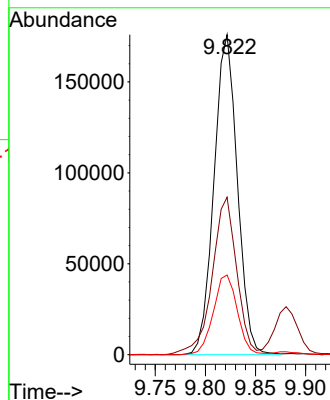
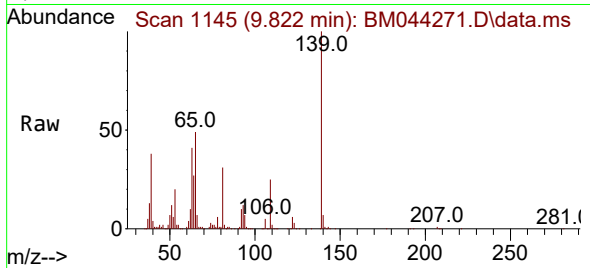




#25
2-Nitrophenol
Concen: 35.819 ng/ul
RT: 9.822 min Scan# 1145
Delta R.T. 0.012 min
Lab File: BM044271.D
Acq: 23 Feb 2024 15:09

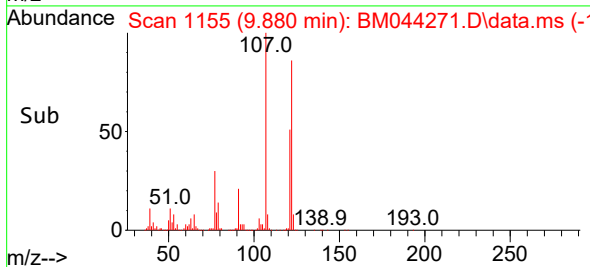
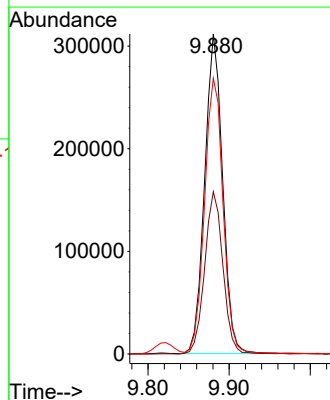
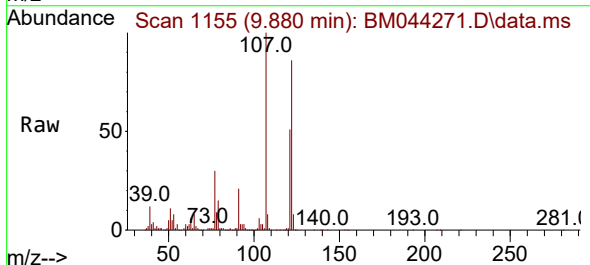
Instrument :
BNA_M
ClientSampleId :
SLCS158

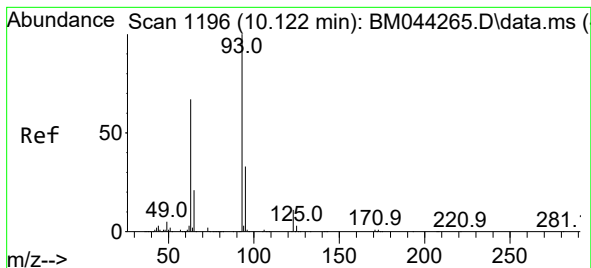
Tgt Ion:139 Resp: 284921
Ion Ratio Lower Upper
139 100
65 49.2 41.0 61.4
109 24.9 20.5 30.7



#26
2,4-Dimethylphenol
Concen: 31.522 ng/ul
RT: 9.880 min Scan# 1155
Delta R.T. 0.006 min
Lab File: BM044271.D
Acq: 23 Feb 2024 15:09

Tgt Ion:107 Resp: 478775
Ion Ratio Lower Upper
107 100
121 50.7 41.1 61.7
122 86.2 72.3 108.5

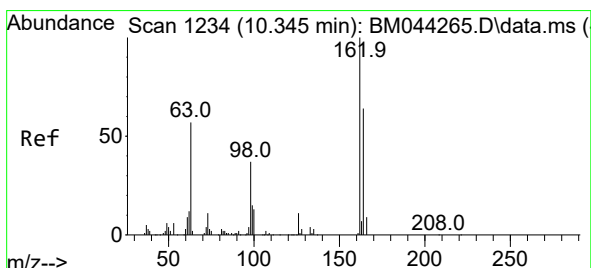
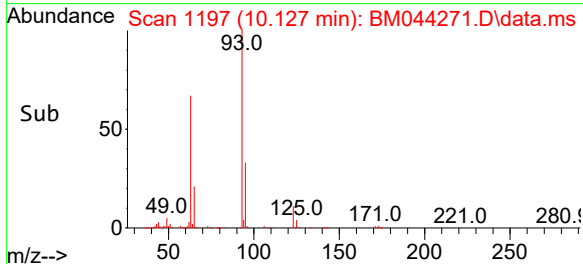
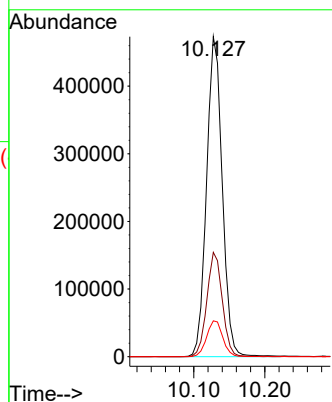
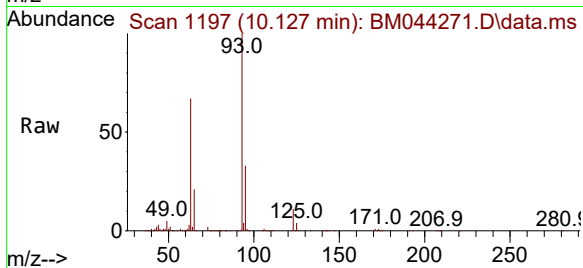




#27
Bis(2-Chloroethoxy)methane
Concen: 33.990 ng/ul
RT: 10.127 min Scan# 1196
Delta R.T. 0.006 min
Lab File: BM044271.D
Acq: 23 Feb 2024 15:09

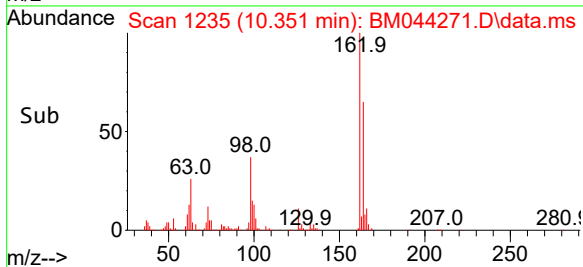
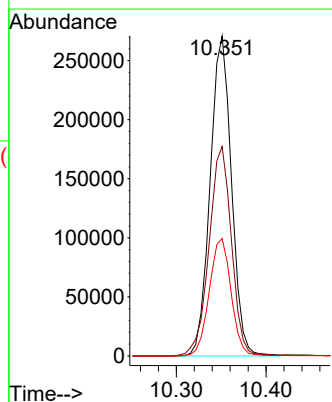
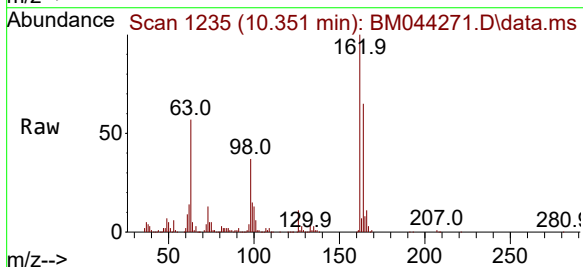
Instrument :
BNA_M
ClientSampleId :
SLCS158

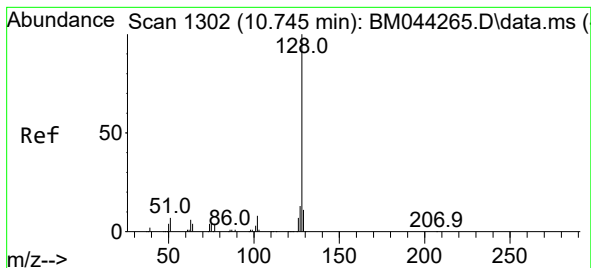
Tgt Ion: 93 Resp: 728077
Ion Ratio Lower Upper
93 100
95 32.6 26.0 39.0
123 11.2 9.0 13.6



#29
2,4-Dichlorophenol
Concen: 34.932 ng/ul
RT: 10.351 min Scan# 1235
Delta R.T. 0.006 min
Lab File: BM044271.D
Acq: 23 Feb 2024 15:09

Tgt Ion: 162 Resp: 447278
Ion Ratio Lower Upper
162 100
164 65.5 51.8 77.8
98 36.7 29.6 44.4

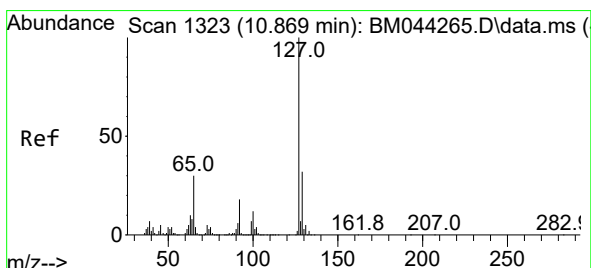
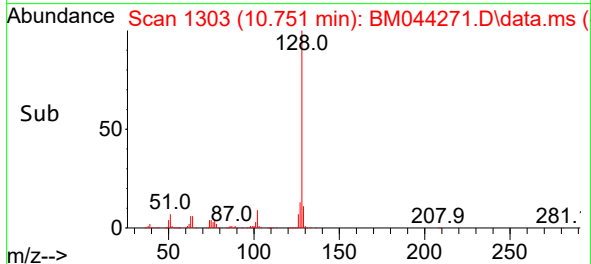
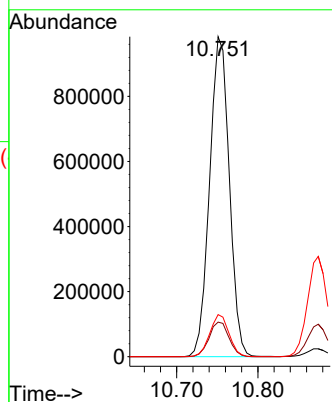
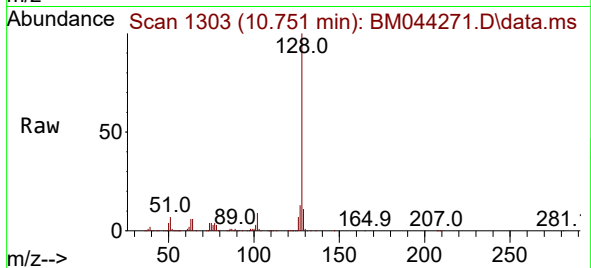




#30
Naphthalene
Concen: 33.706 ng/ul
RT: 10.751 min Scan# 1303
Delta R.T. 0.006 min
Lab File: BM044271.D
Acq: 23 Feb 2024 15:09

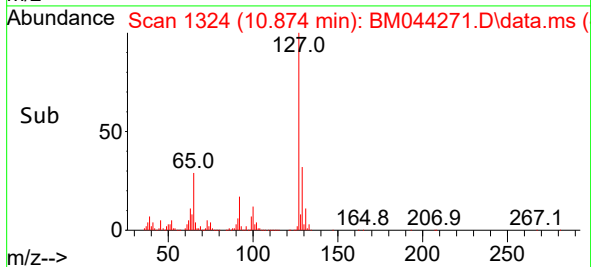
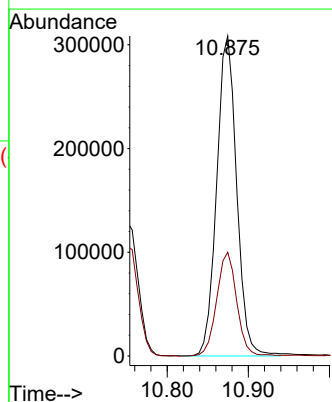
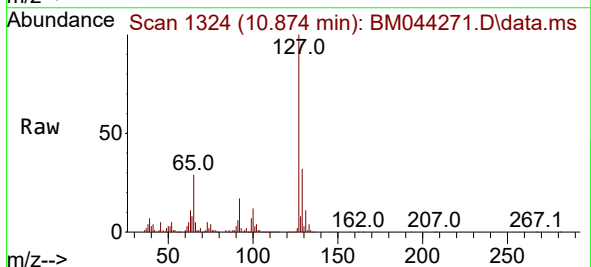
Instrument :
BNA_M
ClientSampleId :
SLCS158

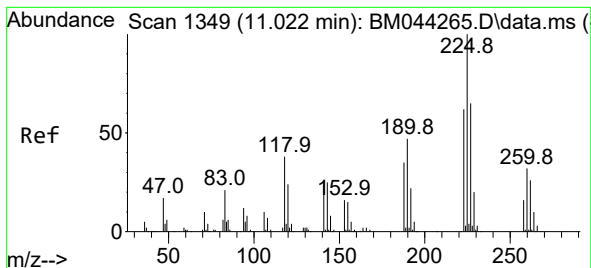
Tgt Ion:128 Resp: 1657402
Ion Ratio Lower Upper
128 100
129 10.8 8.8 13.2
127 13.2 10.2 15.2



#32
4-Chloroaniline
Concen: 25.489 ng/ul
RT: 10.874 min Scan# 1324
Delta R.T. 0.006 min
Lab File: BM044271.D
Acq: 23 Feb 2024 15:09

Tgt Ion:127 Resp: 527767
Ion Ratio Lower Upper
127 100
129 32.4 25.3 37.9





#33

Hexachlorobutadiene

Concen: 34.140 ng/ul

RT: 11.027 min Scan# 11

Delta R.T. 0.006 min

Lab File: BM044271.D

Acq: 23 Feb 2024 15:09

Instrument :

BNA_M

ClientSampleId :

SLCS158

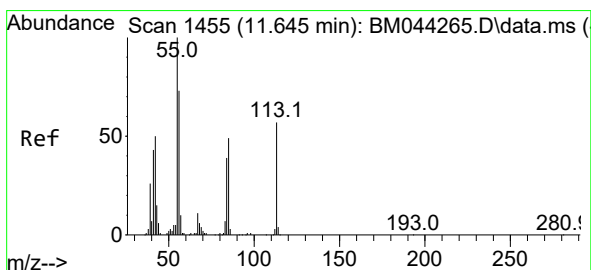
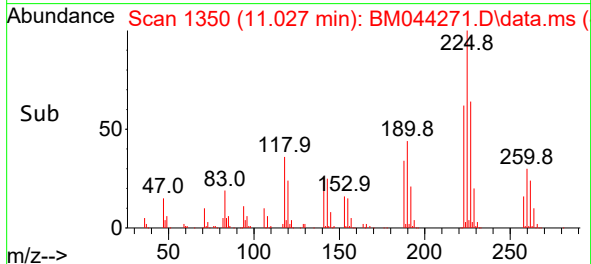
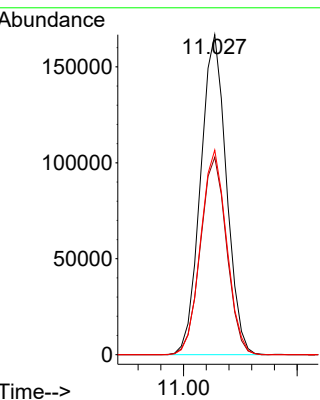
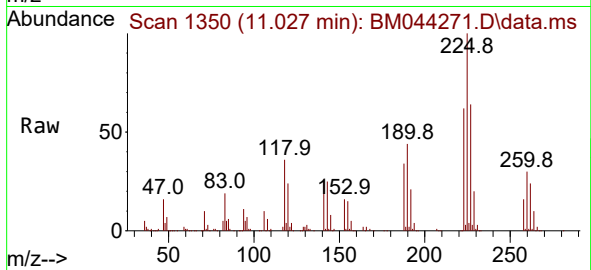
Tgt Ion:225 Resp: 263357

Ion Ratio Lower Upper

225 100

223 61.7 49.7 74.5

227 64.0 52.2 78.2



#34

Caprolactam

Concen: 31.867 ng/ul

RT: 11.657 min Scan# 1457

Delta R.T. 0.012 min

Lab File: BM044271.D

Acq: 23 Feb 2024 15:09

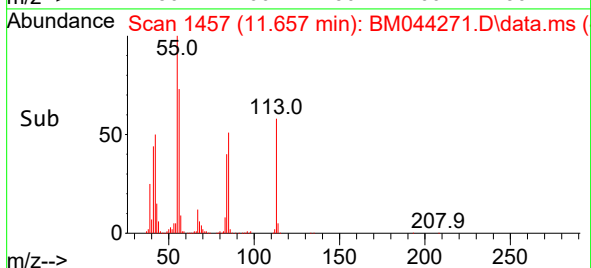
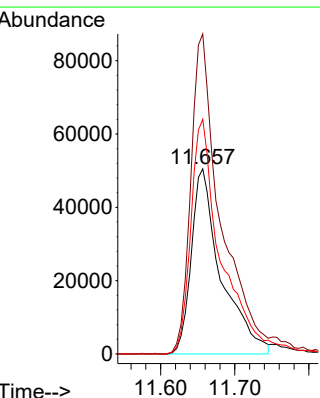
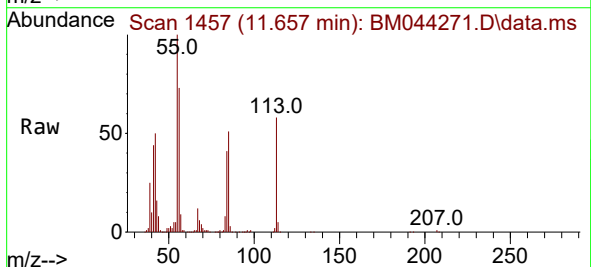
Tgt Ion:113 Resp: 141046

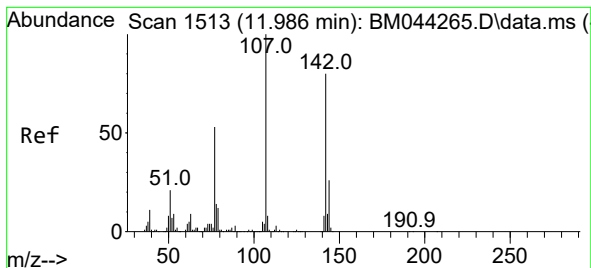
Ion Ratio Lower Upper

113 100

55 172.8 140.7 211.1

56 126.7 102.4 153.6

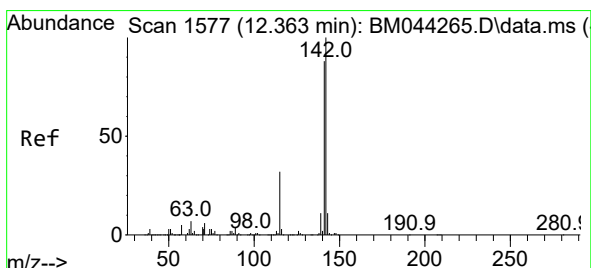
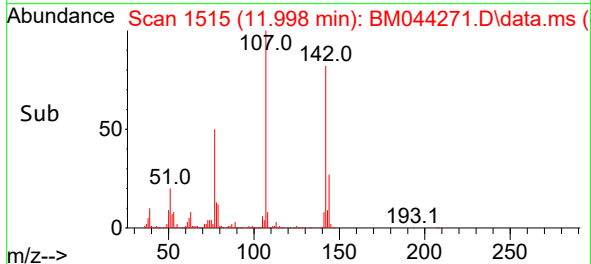
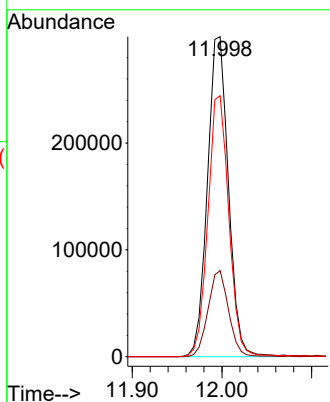
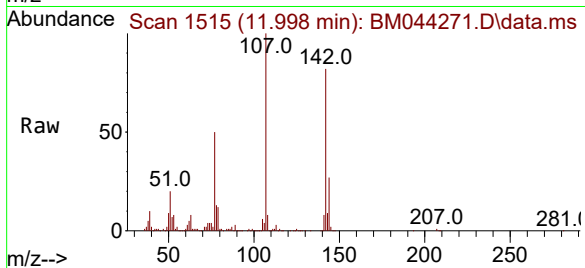




#35
 4-Chloro-3-methylphenol
 Concen: 35.680 ng/ul
 RT: 11.998 min Scan# 1515
 Delta R.T. 0.012 min
 Lab File: BM044271.D
 Acq: 23 Feb 2024 15:09

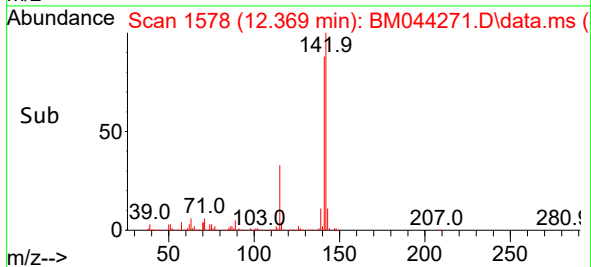
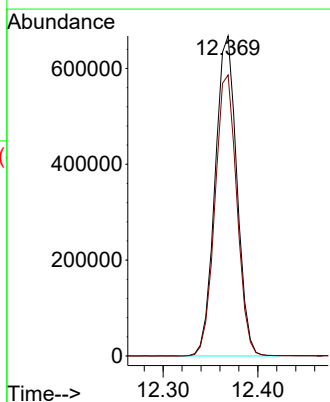
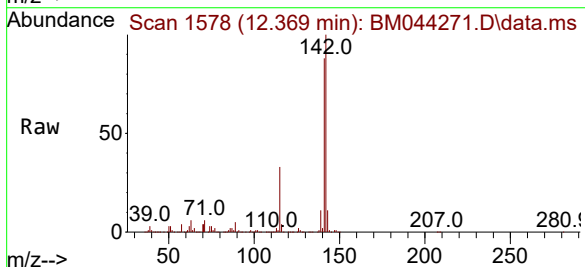
Instrument :
 BNA_M
 ClientSampleId :
 SLCS158

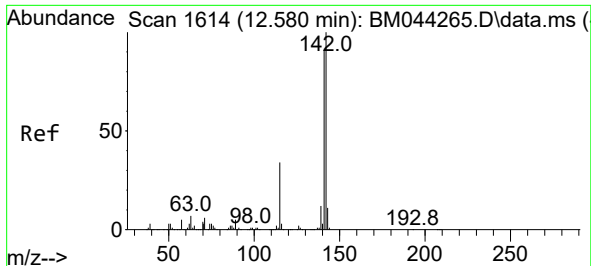
Tgt Ion:107 Resp: 486730
 Ion Ratio Lower Upper
 107 100
 144 26.9 20.6 30.8
 142 81.5 64.3 96.5



#36
 2-Methylnaphthalene
 Concen: 34.065 ng/ul
 RT: 12.369 min Scan# 1578
 Delta R.T. 0.006 min
 Lab File: BM044271.D
 Acq: 23 Feb 2024 15:09

Tgt Ion:142 Resp: 1066925
 Ion Ratio Lower Upper
 142 100
 141 87.8 70.5 105.7





#37

1-Methylnaphthalene

Concen: 33.871 ng/ul

RT: 12.586 min Scan# 1

Delta R.T. 0.006 min

Lab File: BM044271.D

Acq: 23 Feb 2024 15:09

Instrument :

BNA_M

ClientSampleId :

SLCS158

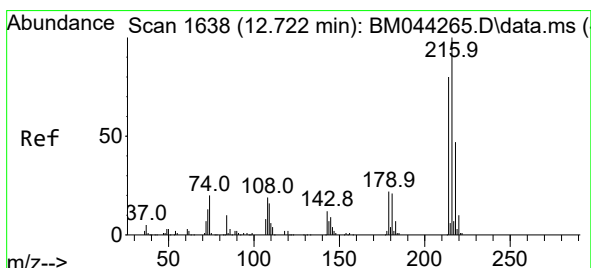
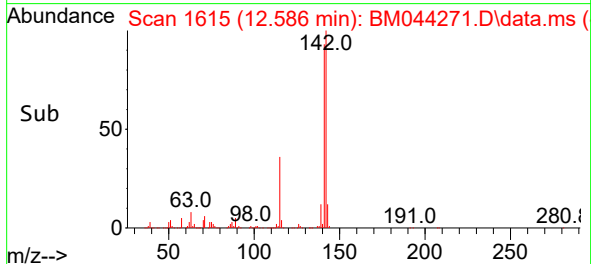
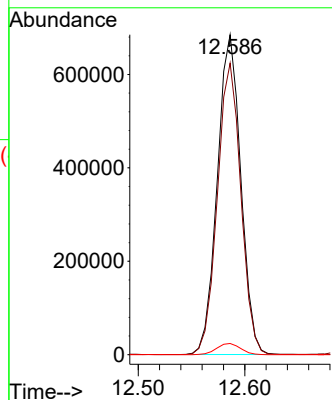
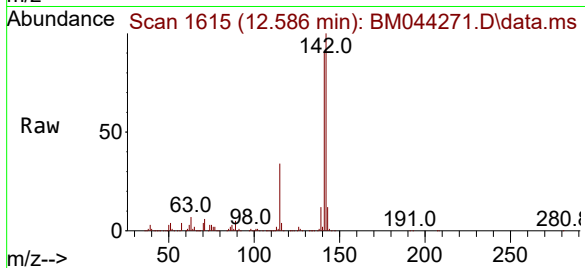
Tgt Ion:142 Resp: 1048710

Ion Ratio Lower Upper

142 100

141 91.1 73.0 109.4

116 3.5 2.7 4.1



#39

1,2,4,5-Tetrachlorobenzene

Concen: 34.952 ng/ul

RT: 12.727 min Scan# 1639

Delta R.T. 0.006 min

Lab File: BM044271.D

Acq: 23 Feb 2024 15:09

Tgt Ion:216 Resp: 495984

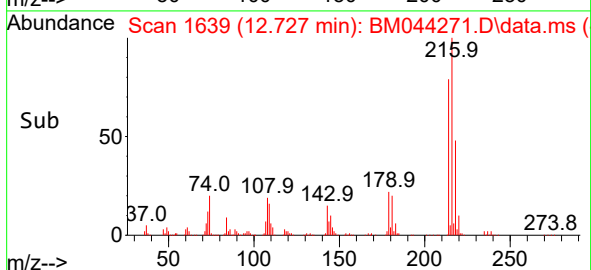
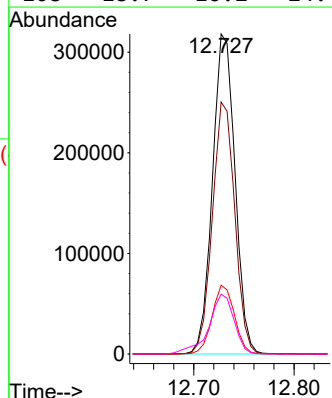
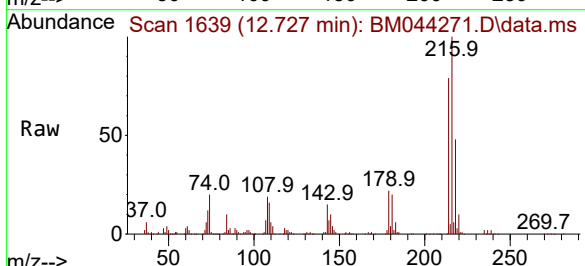
Ion Ratio Lower Upper

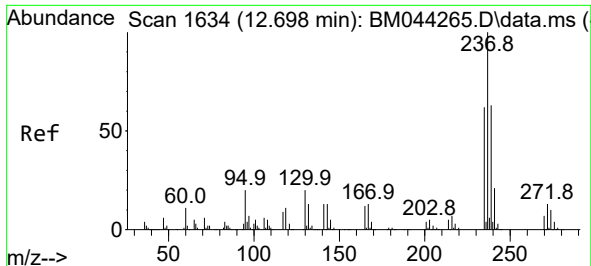
216 100

214 78.7 63.9 95.9

179 21.5 17.5 26.3

108 18.7 16.2 24.4

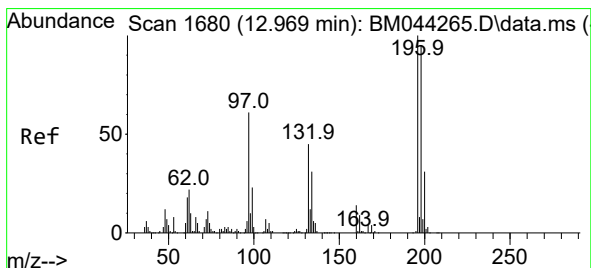
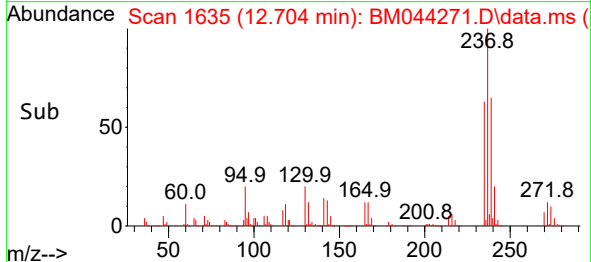
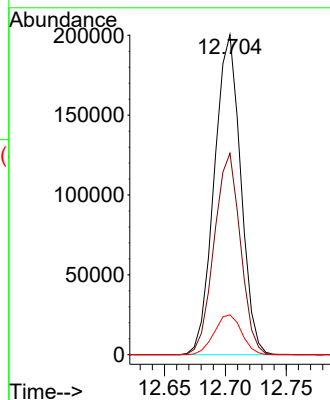
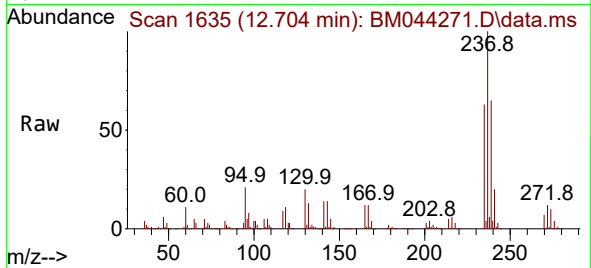




#40
Hexachlorocyclopentadiene
Concen: 31.701 ng/ul
RT: 12.704 min Scan# 1635
Delta R.T. 0.006 min
Lab File: BM044271.D
Acq: 23 Feb 2024 15:09

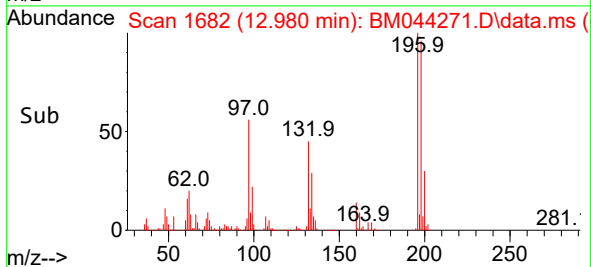
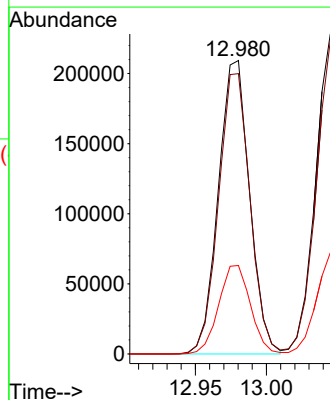
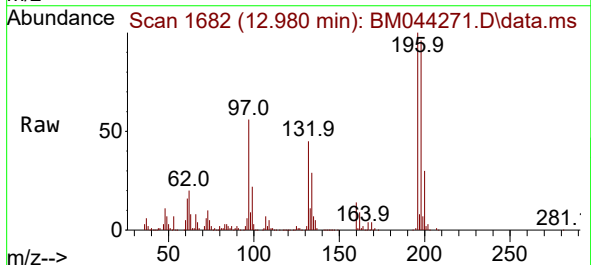
Instrument :
BNA_M
ClientSampleId :
SLCS158

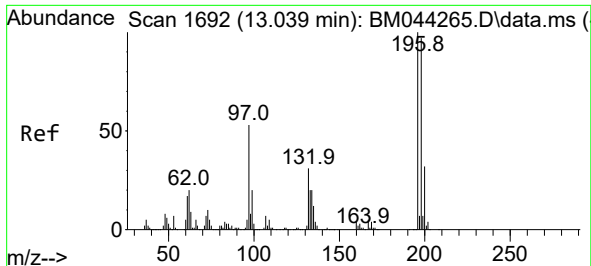
Tgt Ion:237 Resp: 302658
Ion Ratio Lower Upper
237 100
235 63.0 49.4 74.2
272 12.5 10.6 16.0



#41
2,4,6-Trichlorophenol
Concen: 35.452 ng/ul
RT: 12.980 min Scan# 1682
Delta R.T. 0.012 min
Lab File: BM044271.D
Acq: 23 Feb 2024 15:09

Tgt Ion:196 Resp: 320673
Ion Ratio Lower Upper
196 100
198 95.5 76.1 114.1
200 30.1 25.1 37.7

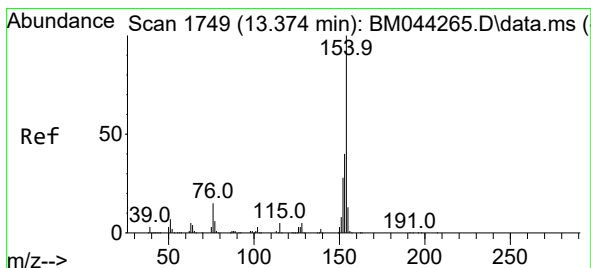
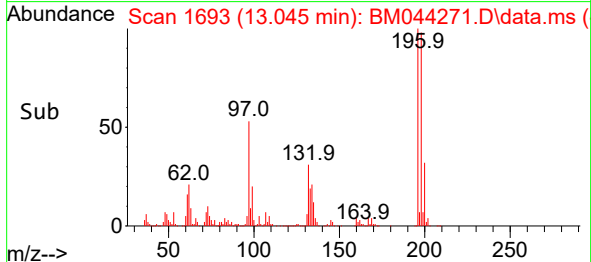
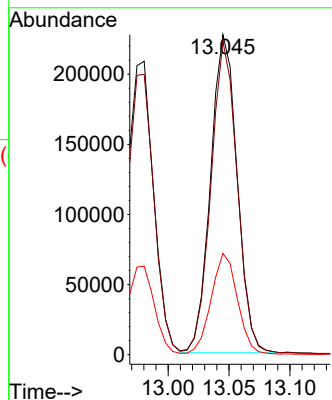
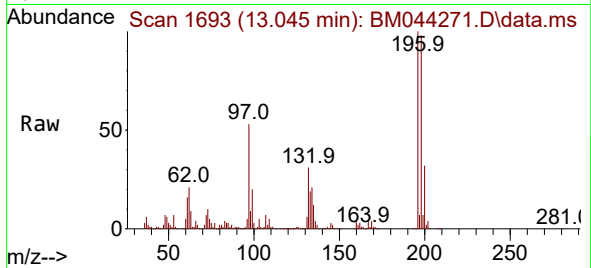




#42
2,4,5-Trichlorophenol
Concen: 35.235 ng/ul
RT: 13.045 min Scan# 1
Delta R.T. 0.006 min
Lab File: BM044271.D
Acq: 23 Feb 2024 15:09

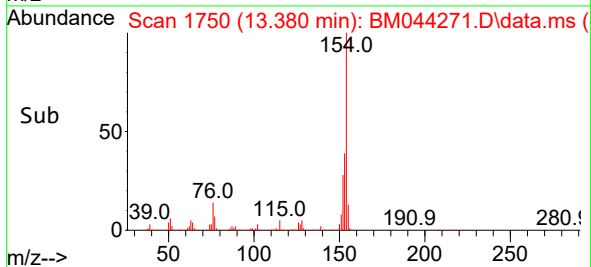
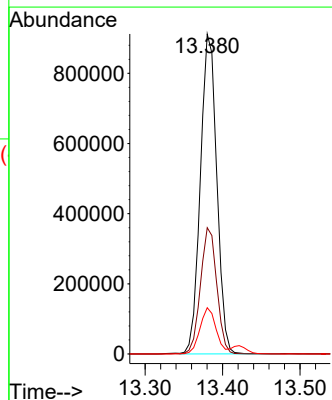
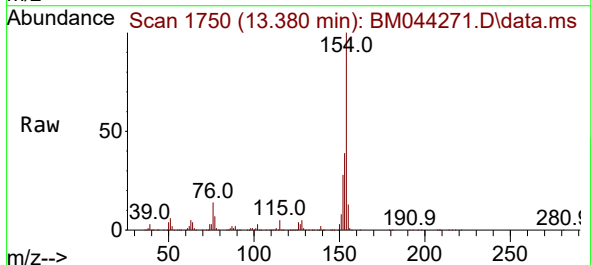
Instrument :
BNA_M
ClientSampleId :
SLCS158

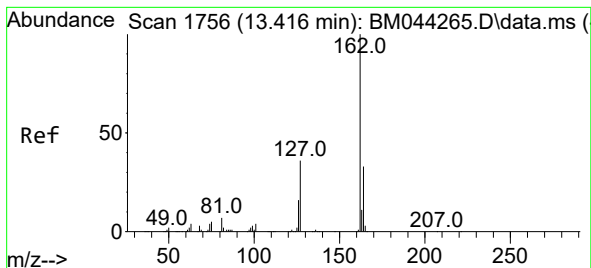
Tgt Ion:196 Resp: 344528
Ion Ratio Lower Upper
196 100
198 97.9 77.4 116.2
200 31.7 25.6 38.4



#43
1,1'-Biphenyl
Concen: 34.341 ng/ul
RT: 13.380 min Scan# 1750
Delta R.T. 0.006 min
Lab File: BM044271.D
Acq: 23 Feb 2024 15:09

Tgt Ion:154 Resp: 1340165
Ion Ratio Lower Upper
154 100
153 39.5 32.4 48.6
76 14.4 11.6 17.4





#44

2-Chloronaphthalene

Concen: 34.430 ng/ul

RT: 13.421 min Scan# 1

Delta R.T. 0.006 min

Lab File: BM044271.D

Acq: 23 Feb 2024 15:09

Instrument :

BNA_M

ClientSampleId :

SLCS158

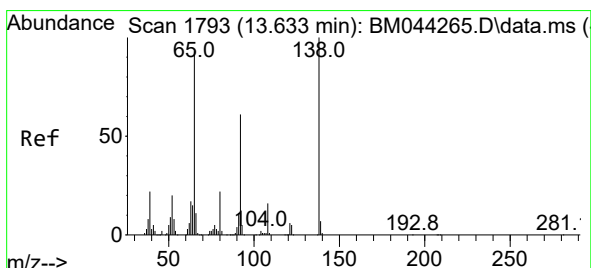
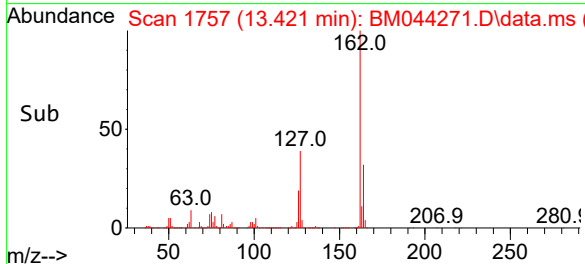
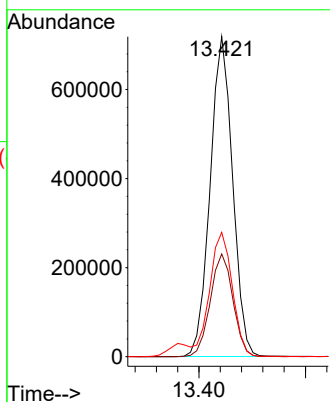
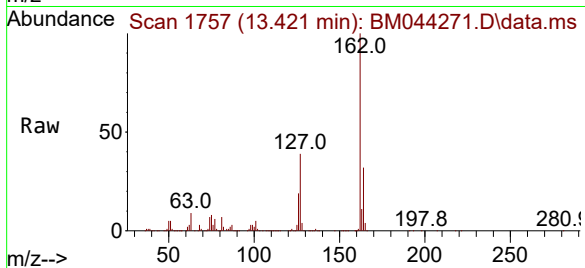
Tgt Ion:162 Resp: 1052089

Ion Ratio Lower Upper

162 100

164 32.1 26.1 39.1

127 38.9 30.9 46.3



#45

2-Nitroaniline

Concen: 37.199 ng/ul

RT: 13.639 min Scan# 1794

Delta R.T. 0.006 min

Lab File: BM044271.D

Acq: 23 Feb 2024 15:09

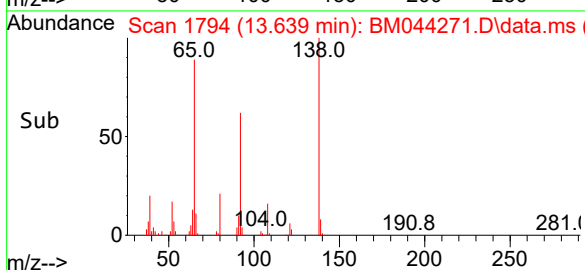
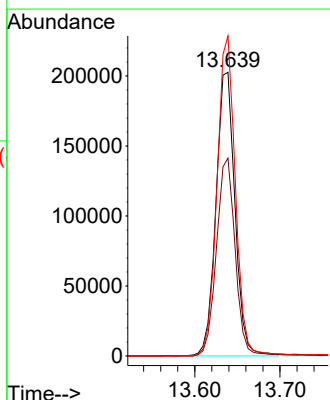
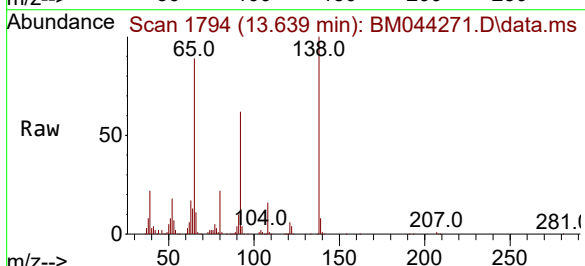
Tgt Ion: 65 Resp: 314713

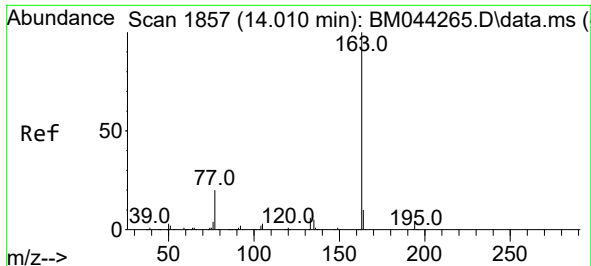
Ion Ratio Lower Upper

65 100

92 69.7 52.5 78.7

138 112.8 86.4 129.6

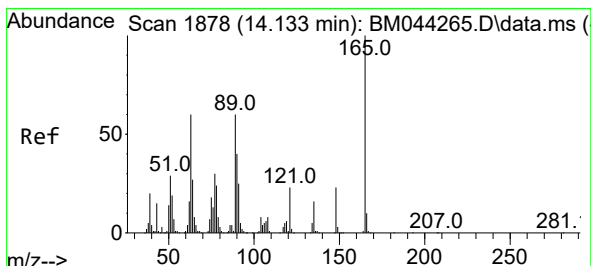
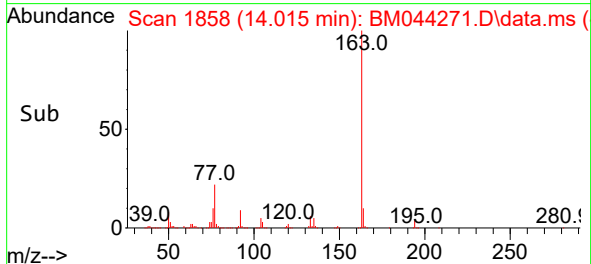
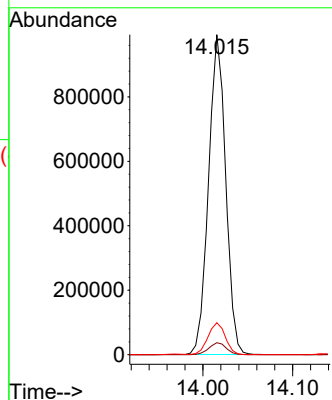
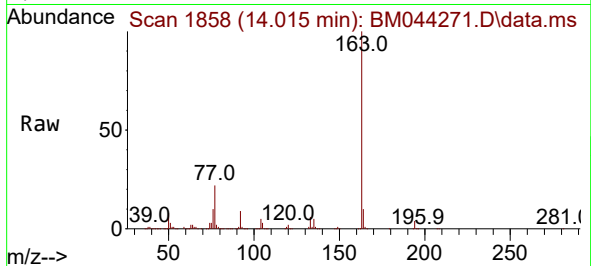




#47
Dimethylphthalate
Concen: 34.806 ng/ul
RT: 14.015 min Scan# 1858
Delta R.T. 0.006 min
Lab File: BM044271.D
Acq: 23 Feb 2024 15:09

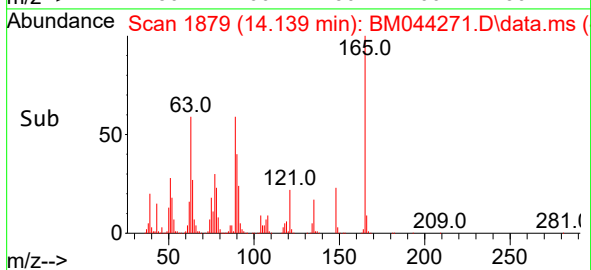
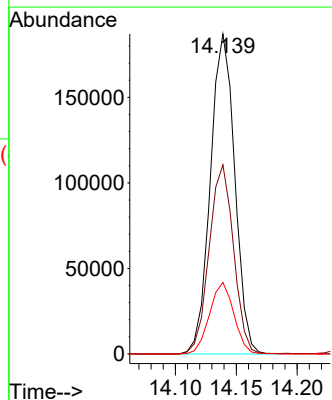
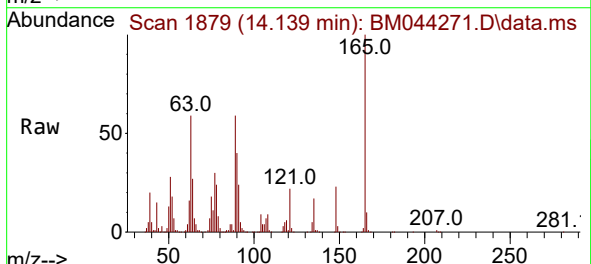
Instrument :
BNA_M
ClientSampleId :
SLCS158

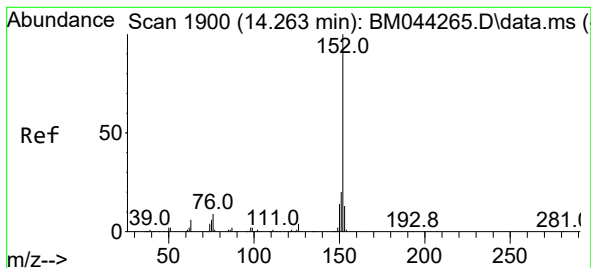
Tgt Ion:163 Resp: 1315149
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.6
164 10.0 8.1 12.1



#48
2,6-Dinitrotoluene
Concen: 36.915 ng/ul
RT: 14.139 min Scan# 1879
Delta R.T. 0.006 min
Lab File: BM044271.D
Acq: 23 Feb 2024 15:09

Tgt Ion:165 Resp: 260853
Ion Ratio Lower Upper
165 100
89 59.1 48.2 72.2
121 22.3 18.7 28.1





#50

Acenaphthylene

Concen: 34.980 ng/ul

RT: 14.268 min Scan# 1900

Delta R.T. 0.006 min

Lab File: BM044271.D

Acq: 23 Feb 2024 15:09

Instrument :

BNA_M

ClientSampleId :

SLCS158

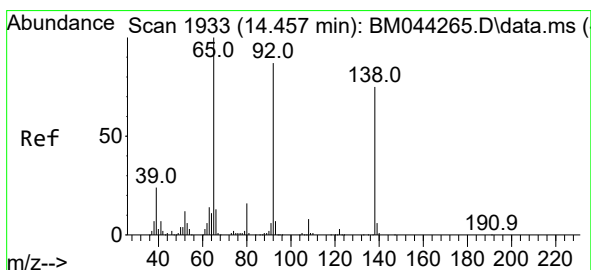
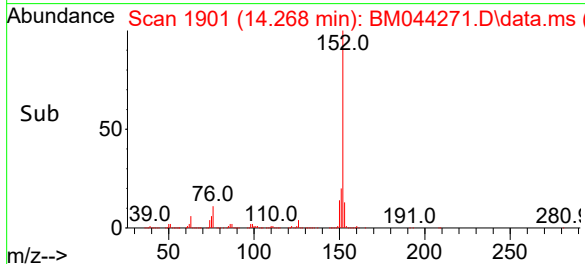
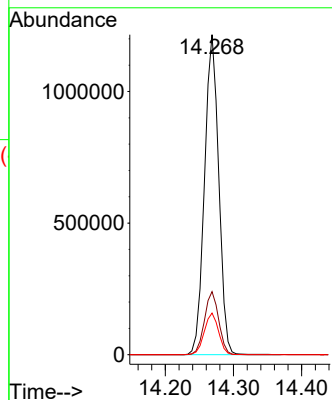
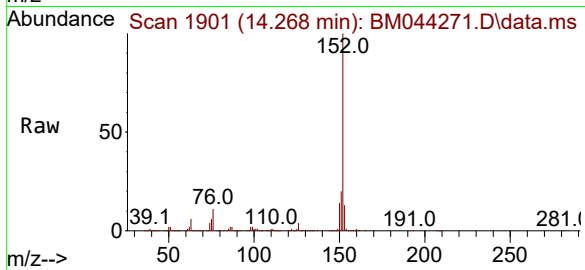
Tgt Ion:152 Resp: 1762414

Ion Ratio Lower Upper

152 100

151 19.7 15.8 23.6

153 13.0 10.4 15.6



#51

3-Nitroaniline

Concen: 35.971 ng/ul

RT: 14.463 min Scan# 1934

Delta R.T. 0.006 min

Lab File: BM044271.D

Acq: 23 Feb 2024 15:09

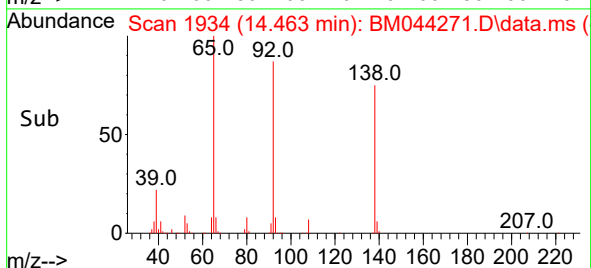
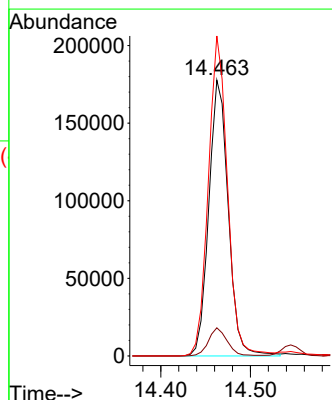
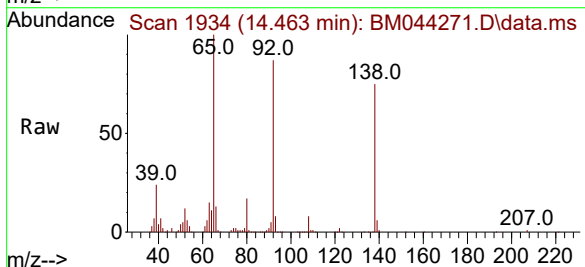
Tgt Ion:138 Resp: 268159

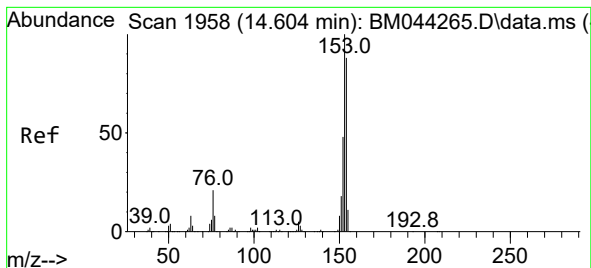
Ion Ratio Lower Upper

138 100

108 10.2 8.6 12.8

92 116.0 93.8 140.6





#52

Acenaphthene

Concen: 34.202 ng/ul

RT: 14.610 min Scan# 1958

Delta R.T. 0.006 min

Lab File: BM044271.D

Acq: 23 Feb 2024 15:09

Instrument :

BNA_M

ClientSampleId :

SLCS158

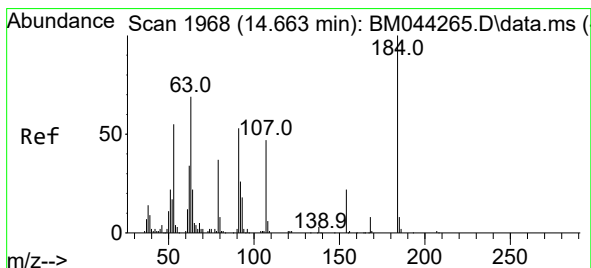
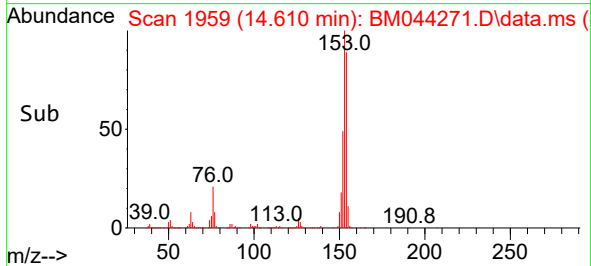
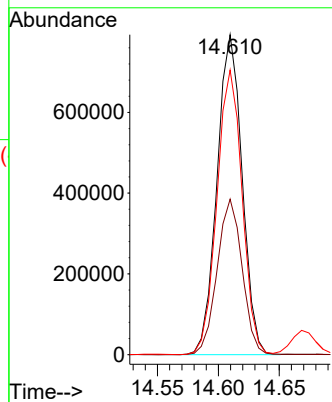
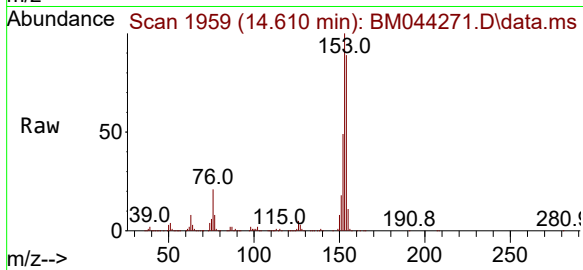
Tgt Ion:153 Resp: 1137599

Ion Ratio Lower Upper

153 100

152 48.6 38.5 57.7

154 89.0 70.8 106.2



#53

2,4-Dinitrophenol

Concen: 32.775 ng/ul

RT: 14.668 min Scan# 1969

Delta R.T. 0.006 min

Lab File: BM044271.D

Acq: 23 Feb 2024 15:09

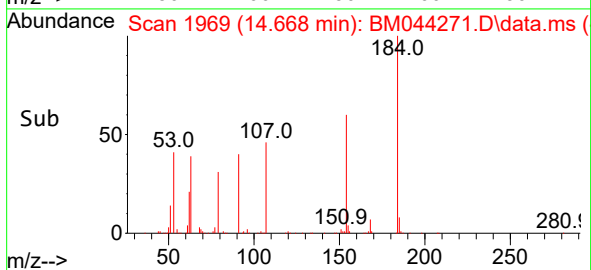
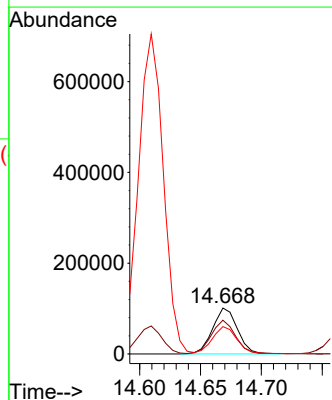
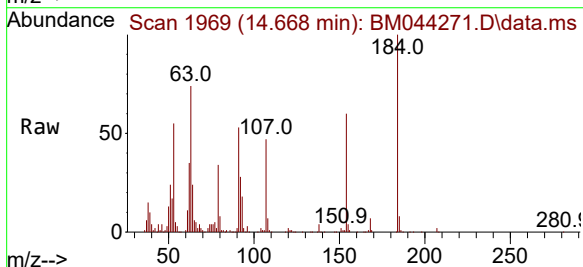
Tgt Ion:184 Resp: 143712

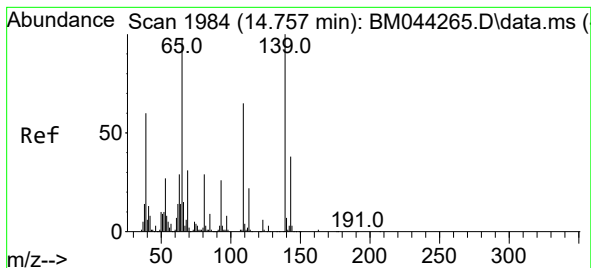
Ion Ratio Lower Upper

184 100

63 73.7 58.4 87.6

154 59.7 46.4 69.6

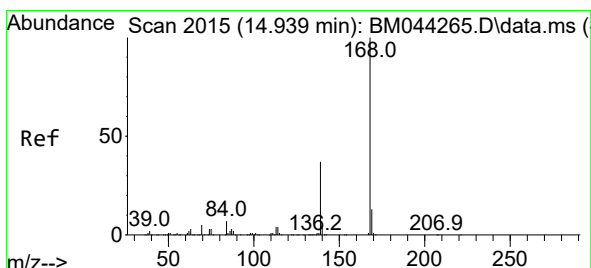
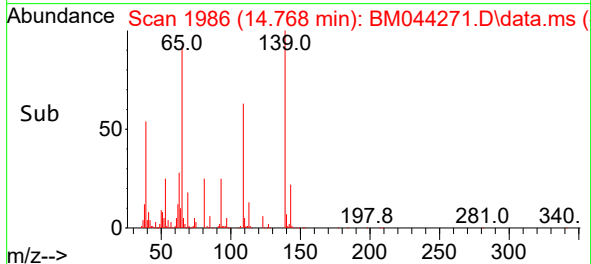
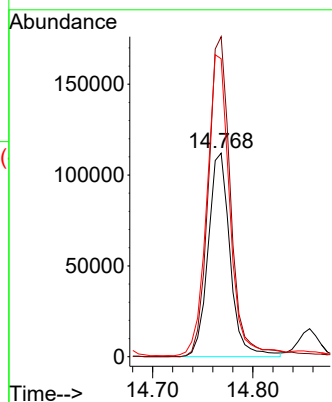
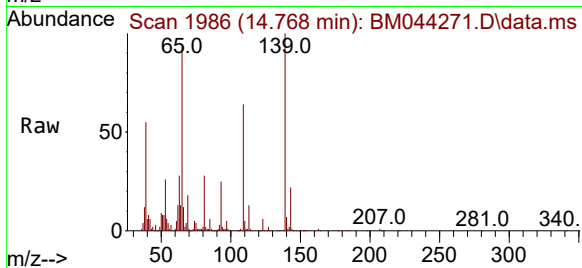




#55
4-Nitrophenol
Concen: 33.793 ng/ul
RT: 14.768 min Scan# 1984
Delta R.T. 0.012 min
Lab File: BM044271.D
Acq: 23 Feb 2024 15:09

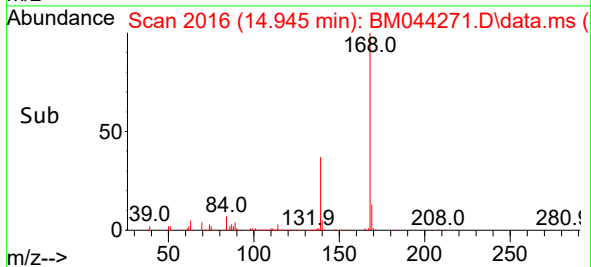
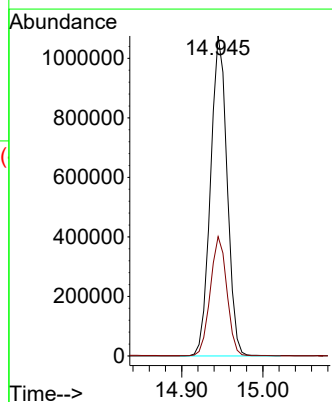
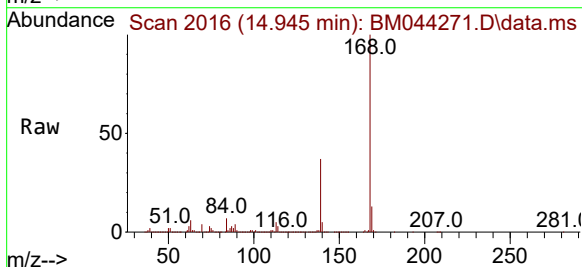
Instrument :
BNA_M
ClientSampleId :
SLCS158

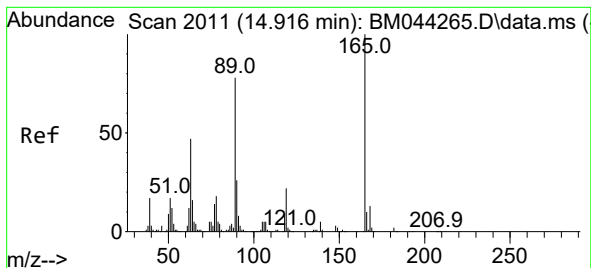
Tgt Ion:109 Resp: 170783
Ion Ratio Lower Upper
109 100
139 157.2 123.0 184.6
65 146.4 122.2 183.2



#56
Dibenzofuran
Concen: 34.217 ng/ul
RT: 14.945 min Scan# 2016
Delta R.T. 0.006 min
Lab File: BM044271.D
Acq: 23 Feb 2024 15:09

Tgt Ion:168 Resp: 1527801
Ion Ratio Lower Upper
168 100
139 37.3 29.9 44.9

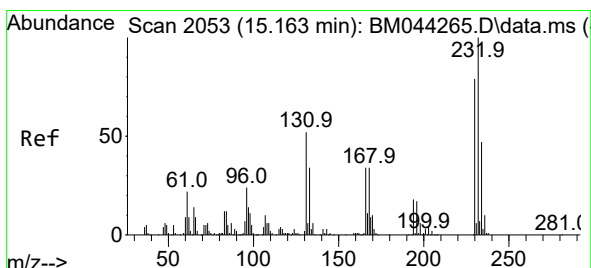
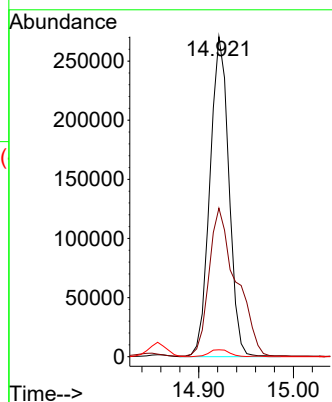
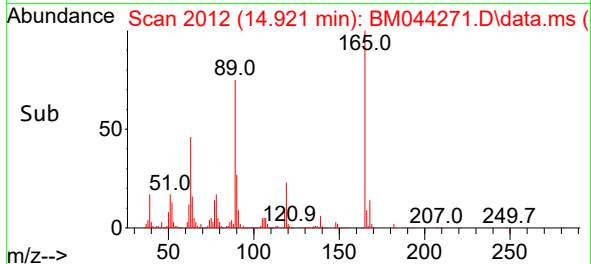
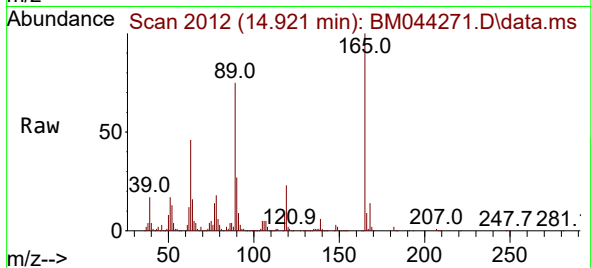




#57
2,4-Dinitrotoluene
Concen: 37.064 ng/ul
RT: 14.921 min Scan# 2011
Delta R.T. 0.006 min
Lab File: BM044271.D
Acq: 23 Feb 2024 15:09

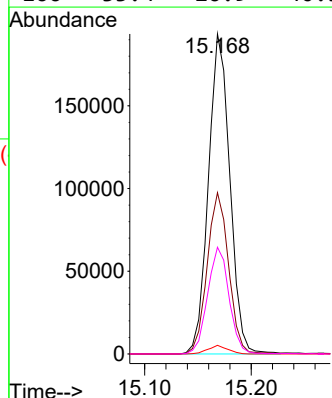
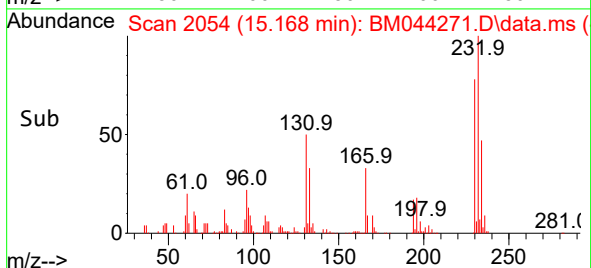
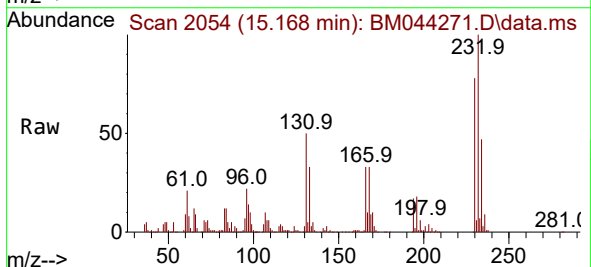
Instrument :
BNA_M
ClientSampleId :
SLCS158

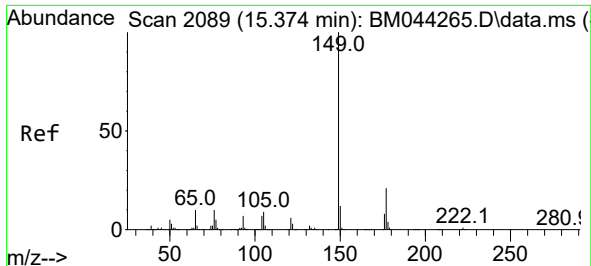
Tgt Ion:165 Resp: 376272
Ion Ratio Lower Upper
165 100
63 46.4 37.9 56.9
182 2.2 1.8 2.6



#58
2,3,4,6-Tetrachlorophenol
Concen: 34.364 ng/ul
RT: 15.168 min Scan# 2054
Delta R.T. 0.006 min
Lab File: BM044271.D
Acq: 23 Feb 2024 15:09

Tgt Ion:232 Resp: 270418
Ion Ratio Lower Upper
232 100
131 50.4 41.9 62.9
130 2.7 1.8 2.8
166 33.4 26.9 40.3

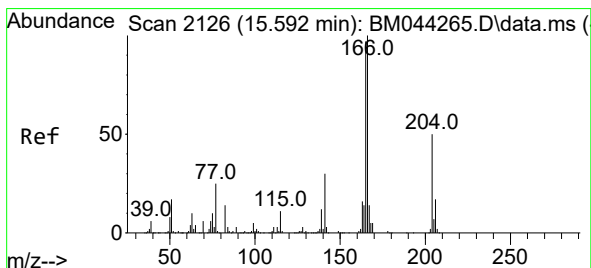
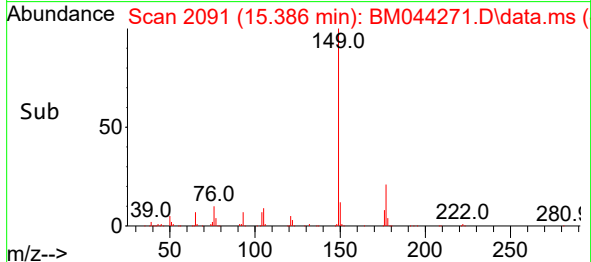
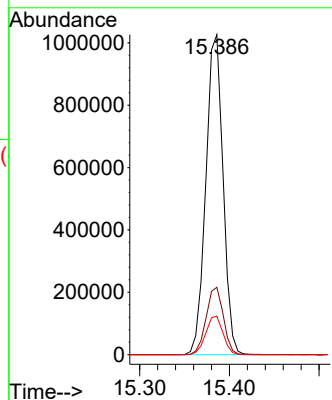
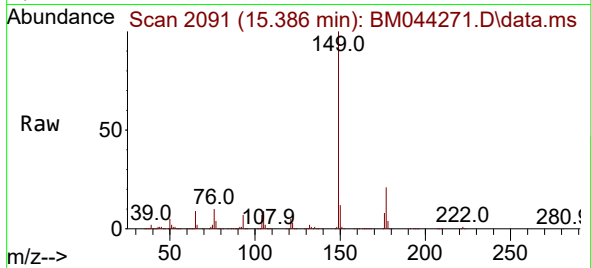




#59
Diethylphthalate
Concen: 35.130 ng/ul
RT: 15.386 min Scan# 2091
Delta R.T. 0.012 min
Lab File: BM044271.D
Acq: 23 Feb 2024 15:09

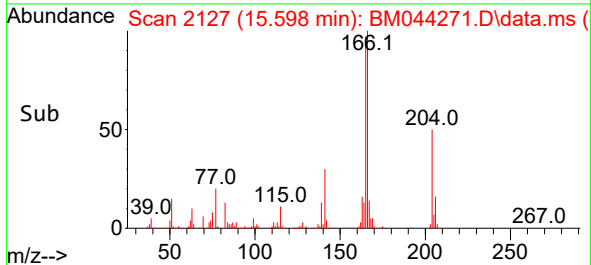
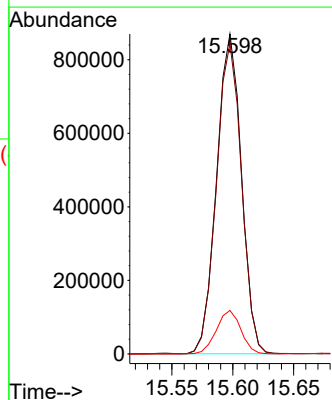
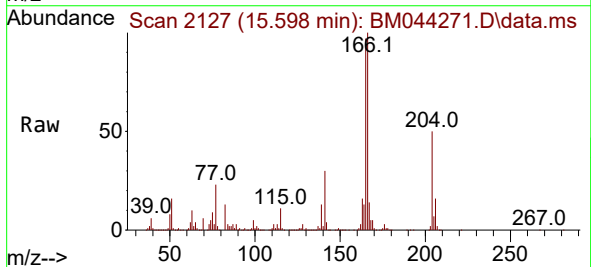
Instrument :
BNA_M
ClientSampleId :
SLCS158

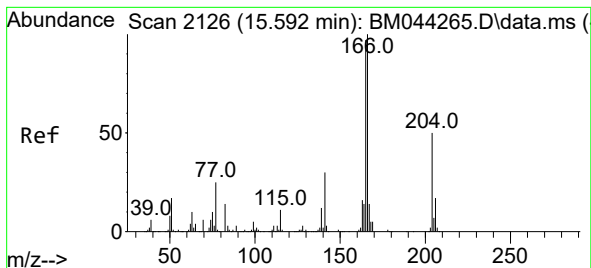
Tgt Ion:149 Resp: 1366367
Ion Ratio Lower Upper
149 100
177 21.0 17.0 25.6
150 12.1 9.6 14.4



#61
Fluorene
Concen: 34.435 ng/ul
RT: 15.598 min Scan# 2127
Delta R.T. 0.006 min
Lab File: BM044271.D
Acq: 23 Feb 2024 15:09

Tgt Ion:166 Resp: 1234892
Ion Ratio Lower Upper
166 100
165 97.1 77.4 116.0
167 13.6 10.8 16.2

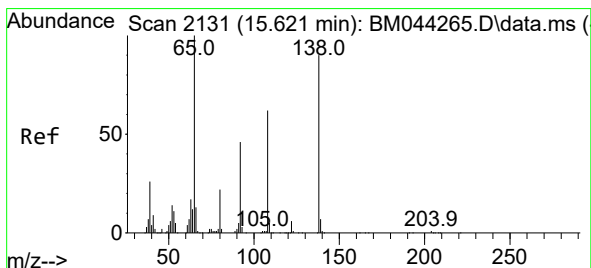
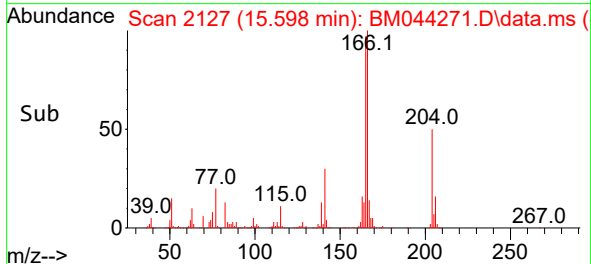
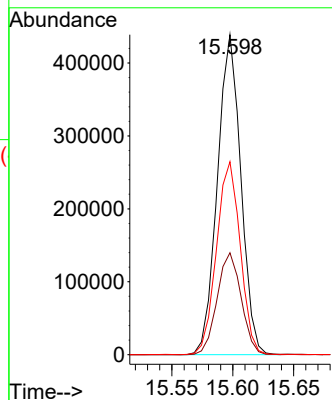
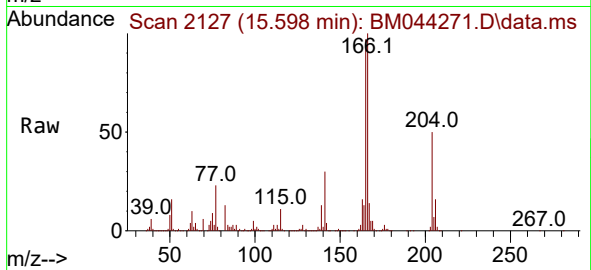




#62
4-Chlorophenyl-phenylether
Concen: 34.841 ng/ul
RT: 15.598 min Scan# 2126
Delta R.T. 0.006 min
Lab File: BM044271.D
Acq: 23 Feb 2024 15:09

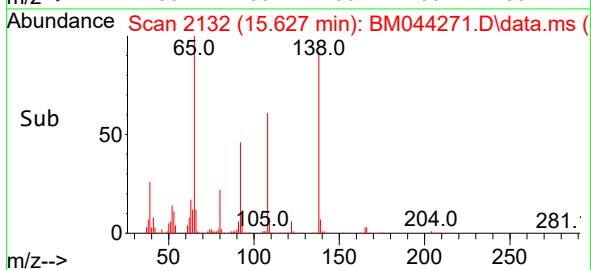
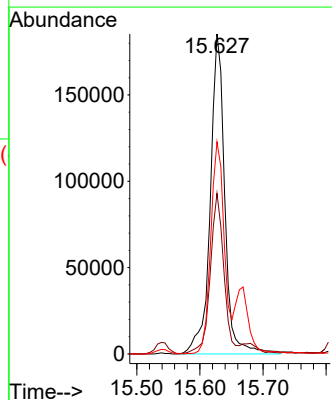
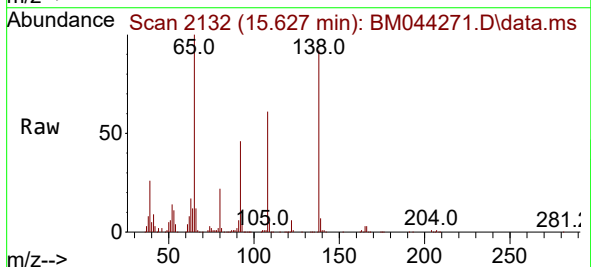
Instrument :
BNA_M
ClientSampleId :
SLCS158

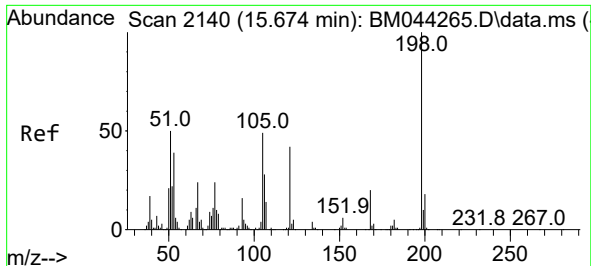
Tgt Ion:204 Resp: 588858
Ion Ratio Lower Upper
204 100
206 31.9 26.9 40.3
141 60.3 48.3 72.5



#63
4-Nitroaniline
Concen: 41.151 ng/ul
RT: 15.627 min Scan# 2132
Delta R.T. 0.006 min
Lab File: BM044271.D
Acq: 23 Feb 2024 15:09

Tgt Ion:138 Resp: 296709
Ion Ratio Lower Upper
138 100
92 50.2 40.9 61.3
108 66.3 55.1 82.7

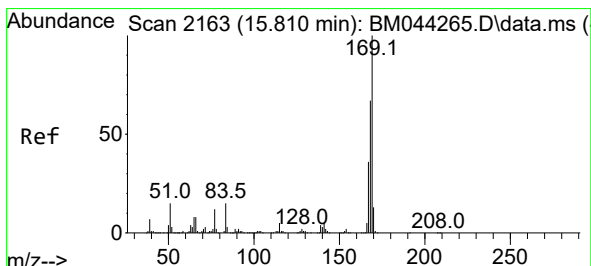
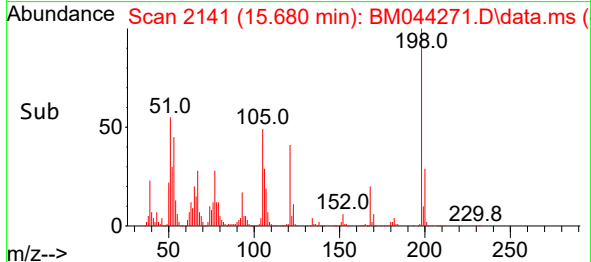
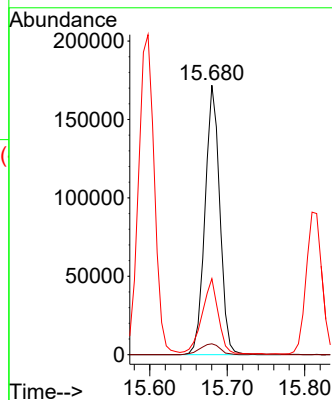
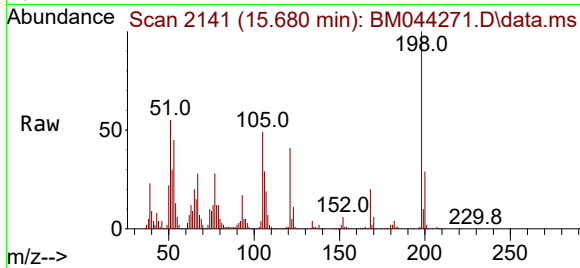




#66
4,6-Dinitro-2-methylphenol
Concen: 35.390 ng/ul
RT: 15.680 min Scan# 2141
Delta R.T. 0.006 min
Lab File: BM044271.D
Acq: 23 Feb 2024 15:09

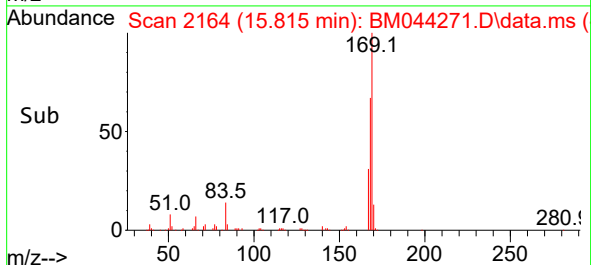
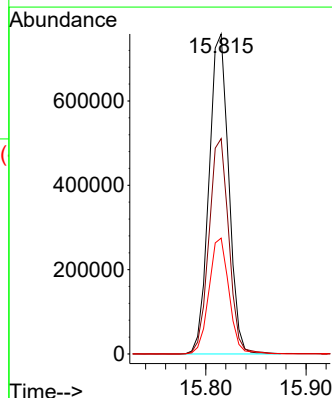
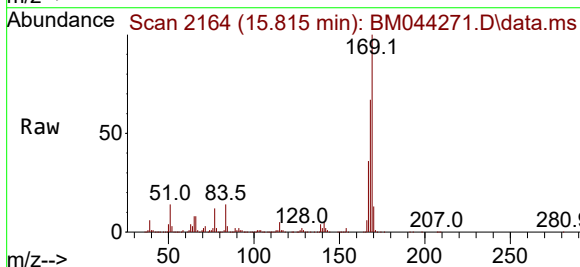
Instrument :
BNA_M
ClientSampleId :
SLCS158

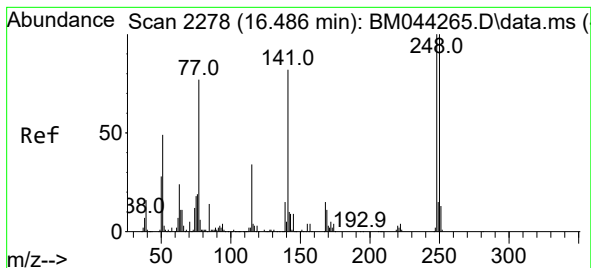
Tgt Ion:198 Resp: 227924
Ion Ratio Lower Upper
198 100
182 4.0 3.8 5.8
77 28.2 20.6 30.8



#67
N-Nitrosodiphenylamine
Concen: 36.084 ng/ul
RT: 15.815 min Scan# 2164
Delta R.T. 0.006 min
Lab File: BM044271.D
Acq: 23 Feb 2024 15:09

Tgt Ion:169 Resp: 1037563
Ion Ratio Lower Upper
169 100
168 67.3 53.6 80.4
167 36.2 29.2 43.8

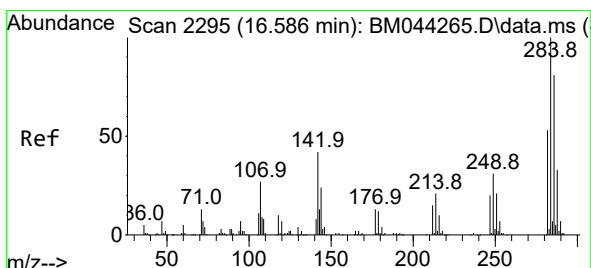
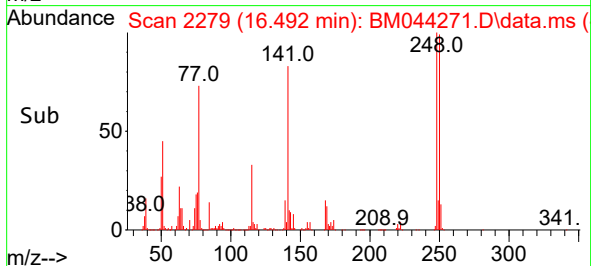
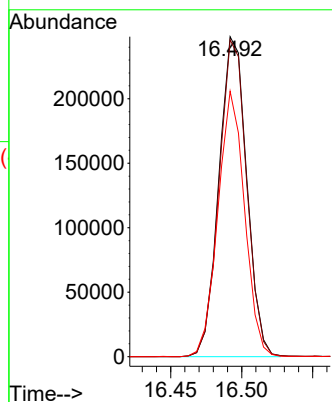
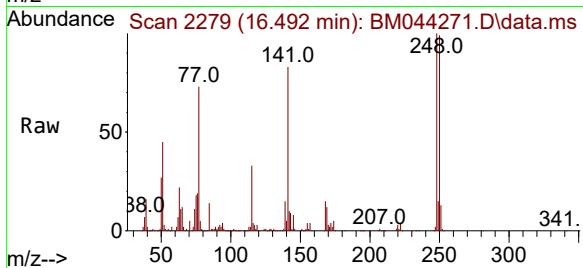




#68
4-Bromophenyl-phenylether
Concen: 35.919 ng/ul
RT: 16.492 min Scan# 2278
Delta R.T. 0.006 min
Lab File: BM044271.D
Acq: 23 Feb 2024 15:09

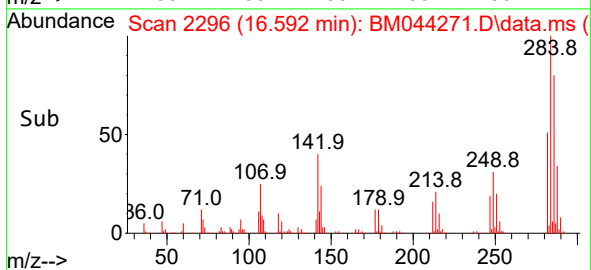
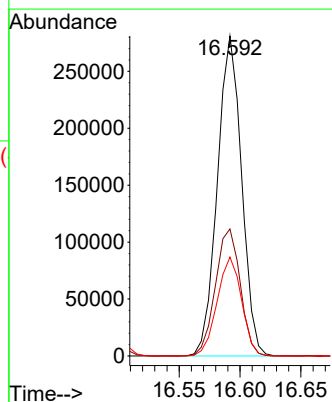
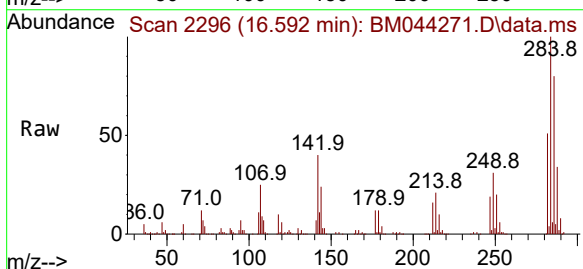
Instrument :
BNA_M
ClientSampleId :
SLCS158

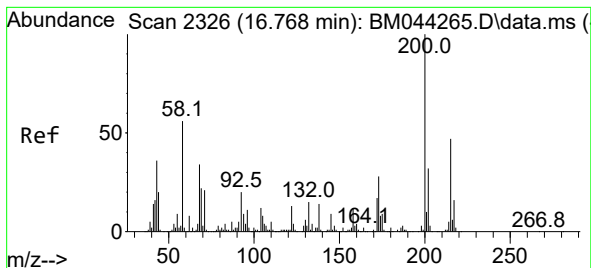
Tgt Ion:248 Resp: 338625
Ion Ratio Lower Upper
248 100
250 99.1 79.8 119.8
141 83.0 65.8 98.8



#69
Hexachlorobenzene
Concen: 36.090 ng/ul
RT: 16.592 min Scan# 2296
Delta R.T. 0.006 min
Lab File: BM044271.D
Acq: 23 Feb 2024 15:09

Tgt Ion:284 Resp: 389416
Ion Ratio Lower Upper
284 100
142 39.7 33.4 50.2
249 30.9 24.7 37.1





#70

Atrazine

Concen: 24.482 ng/ul

RT: 16.774 min Scan# 21

Delta R.T. 0.006 min

Lab File: BM044271.D

Acq: 23 Feb 2024 15:09

Instrument :

BNA_M

ClientSampleId :

SLCS158

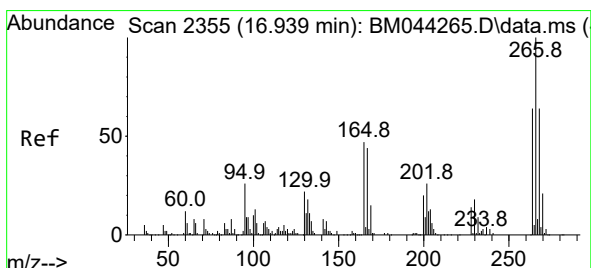
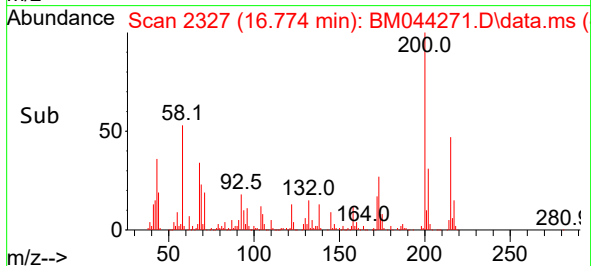
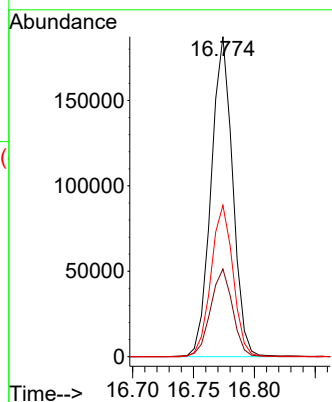
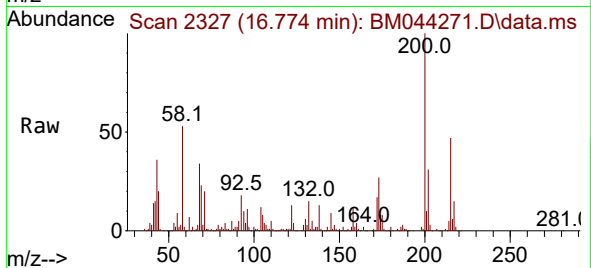
Tgt Ion:200 Resp: 230600

Ion Ratio Lower Upper

200 100

173 27.4 22.5 33.7

215 47.3 37.8 56.6



#71

Pentachlorophenol

Concen: 32.674 ng/ul

RT: 16.939 min Scan# 2355

Delta R.T. -0.000 min

Lab File: BM044271.D

Acq: 23 Feb 2024 15:09

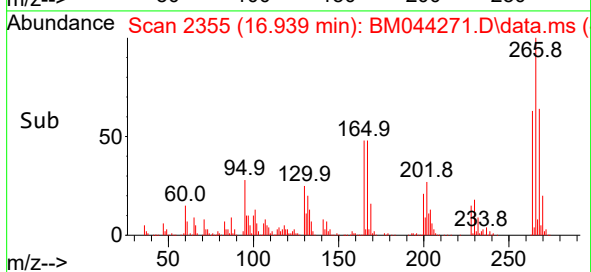
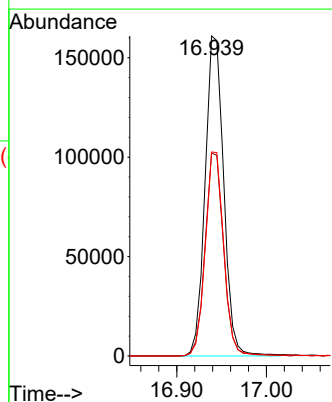
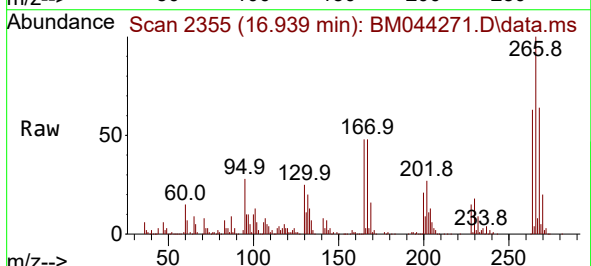
Tgt Ion:266 Resp: 232338

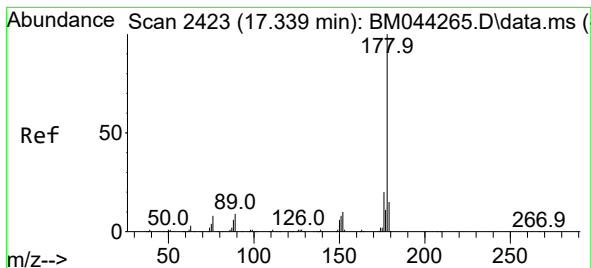
Ion Ratio Lower Upper

266 100

264 63.4 50.9 76.3

268 63.7 51.1 76.7





#72

Phenanthrene

Concen: 35.081 ng/u1

RT: 17.345 min Scan# 2424

Delta R.T. 0.006 min

Lab File: BM044271.D

Acq: 23 Feb 2024 15:09

Instrument :

BNA_M

ClientSampleId :

SLCS158

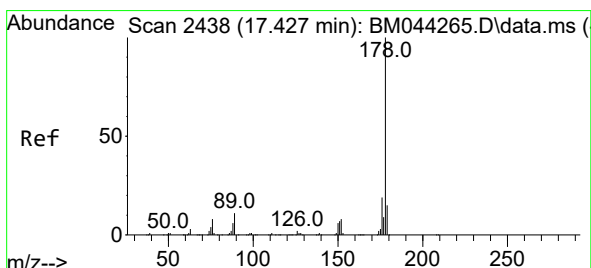
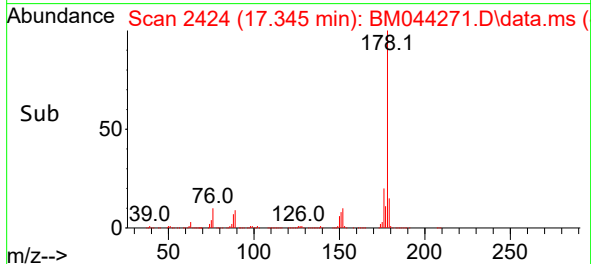
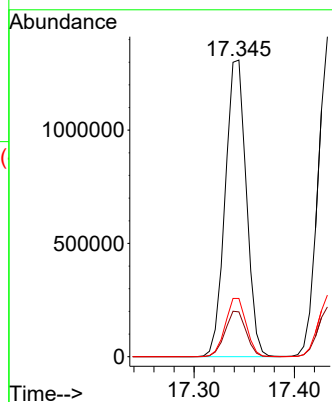
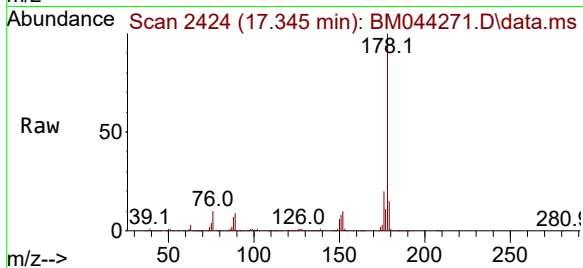
Tgt Ion:178 Resp: 1909547

Ion Ratio Lower Upper

178 100

179 15.1 12.2 18.4

176 19.6 15.6 23.4



#74

Anthracene

Concen: 35.200 ng/u1

RT: 17.433 min Scan# 2439

Delta R.T. 0.006 min

Lab File: BM044271.D

Acq: 23 Feb 2024 15:09

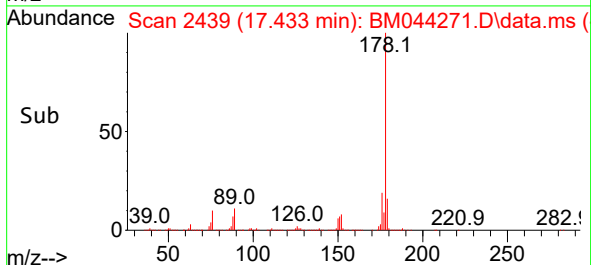
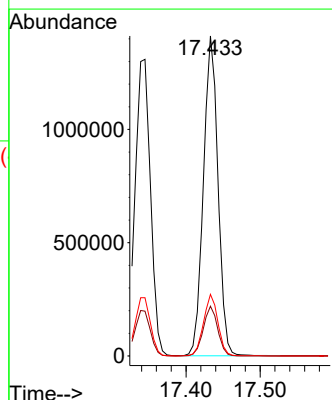
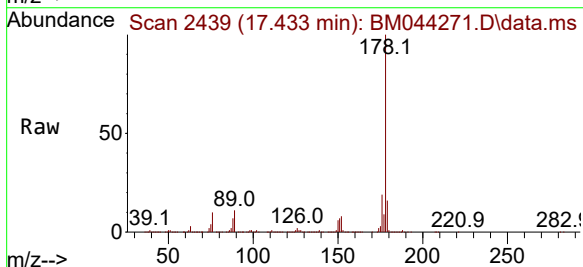
Tgt Ion:178 Resp: 1929095

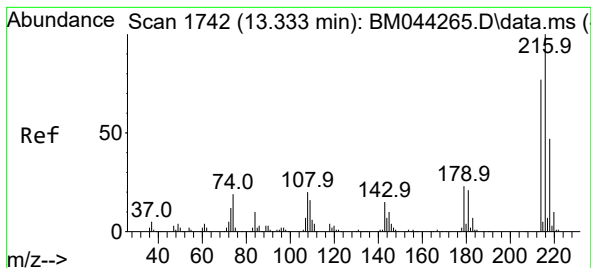
Ion Ratio Lower Upper

178 100

179 15.6 12.2 18.2

176 19.2 15.4 23.0

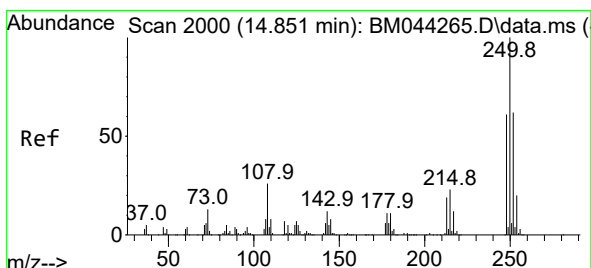
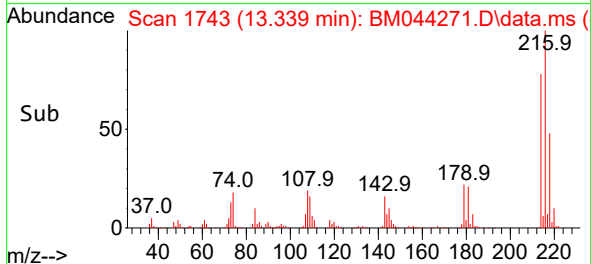
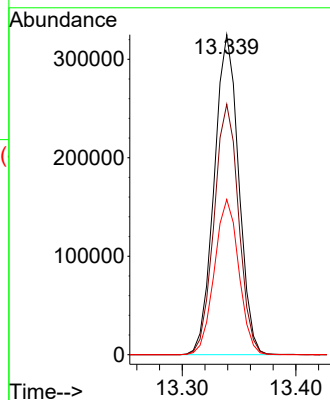
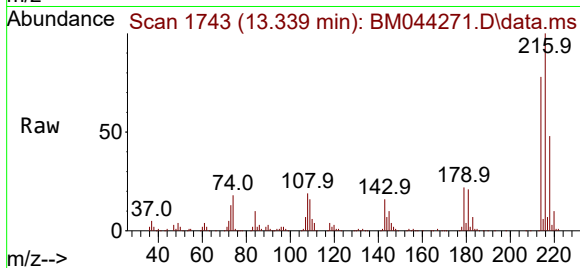




#75
1,2,3,4-Tetrachlorobenzene
Concen: 36.742 ng/uL
RT: 13.339 min Scan# 11
Delta R.T. 0.006 min
Lab File: BM044271.D
Acq: 23 Feb 2024 15:09

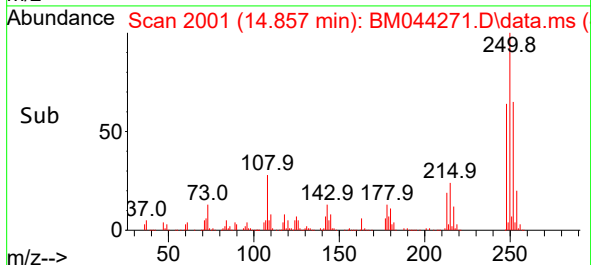
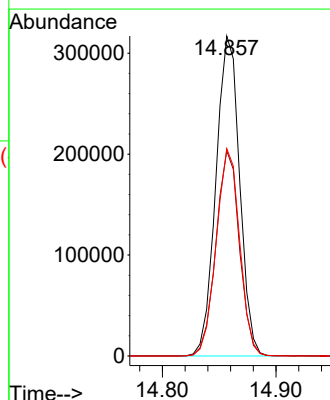
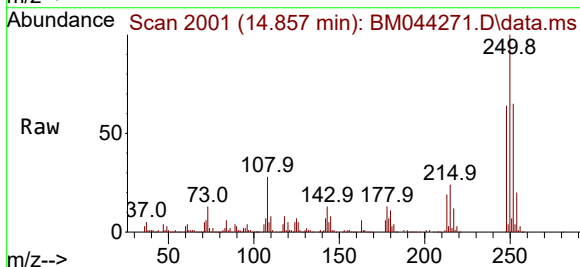
Instrument :
BNA_M
ClientSampleId :
SLCS158

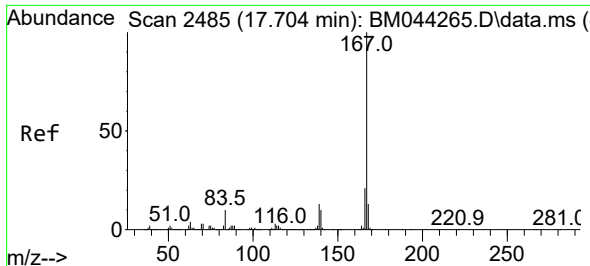
Tgt Ion:216 Resp: 488004
Ion Ratio Lower Upper
216 100
214 78.2 61.9 92.9
218 48.5 37.9 56.9



#76
Pentachlorobenzene
Concen: 36.247 ng/uL
RT: 14.857 min Scan# 2001
Delta R.T. 0.006 min
Lab File: BM044271.D
Acq: 23 Feb 2024 15:09

Tgt Ion:250 Resp: 459596
Ion Ratio Lower Upper
250 100
248 64.1 48.6 73.0
252 64.8 50.0 75.0

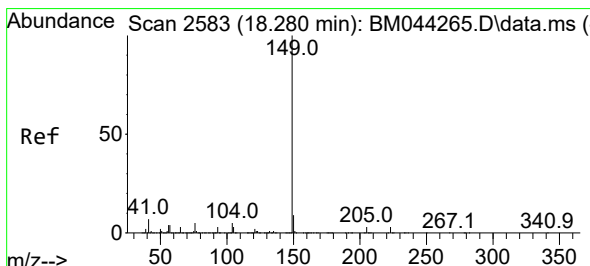
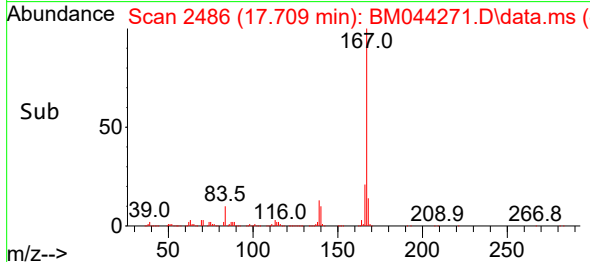
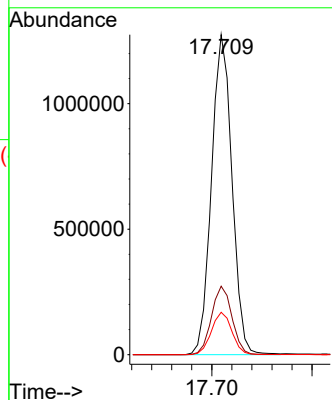
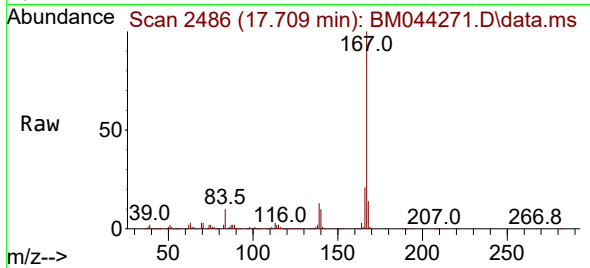




#77
 Carbazole
 Concen: 35.157 ng/ul
 RT: 17.709 min Scan# 2485
 Delta R.T. 0.006 min
 Lab File: BM044271.D
 Acq: 23 Feb 2024 15:09

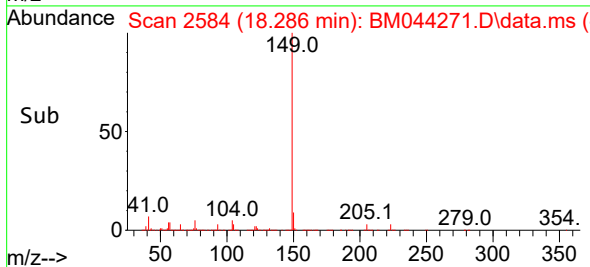
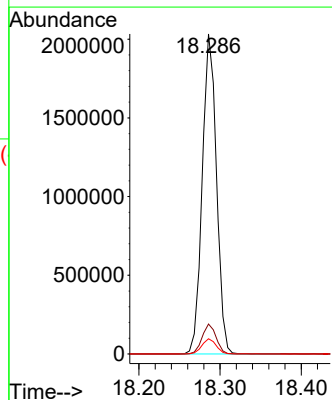
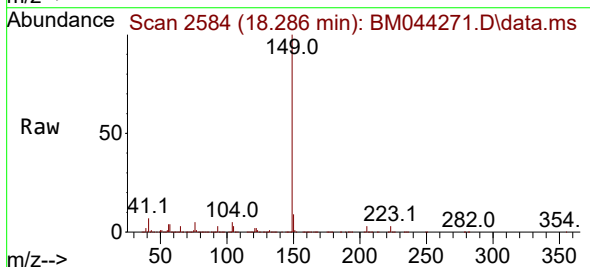
Instrument :
 BNA_M
 ClientSampleId :
 SLCS158

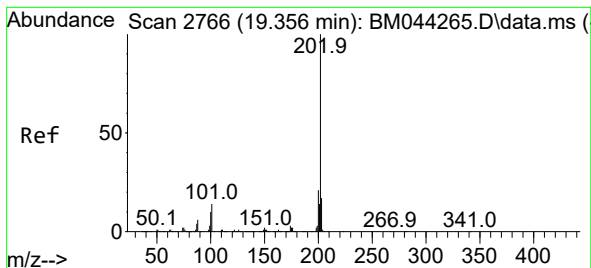
Tgt Ion:167 Resp: 1811731
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.1 25.7
 139 13.3 10.7 16.1



#78
 Di-n-butylphthalate
 Concen: 37.874 ng/ul
 RT: 18.286 min Scan# 2584
 Delta R.T. 0.006 min
 Lab File: BM044271.D
 Acq: 23 Feb 2024 15:09

Tgt Ion:149 Resp: 2471187
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.3 10.9
 104 4.7 3.8 5.8





#80

Fluoranthene

Concen: 34.278 ng/ul

RT: 19.362 min Scan# 21

Delta R.T. 0.006 min

Lab File: BM044271.D

Acq: 23 Feb 2024 15:09

Instrument :

BNA_M

ClientSampleId :

SLCS158

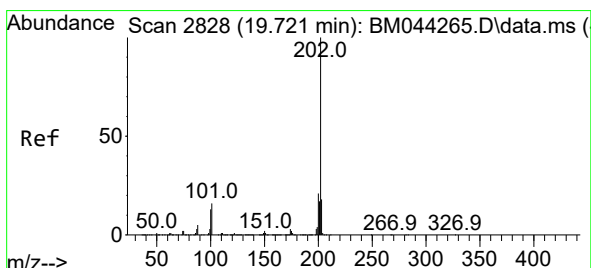
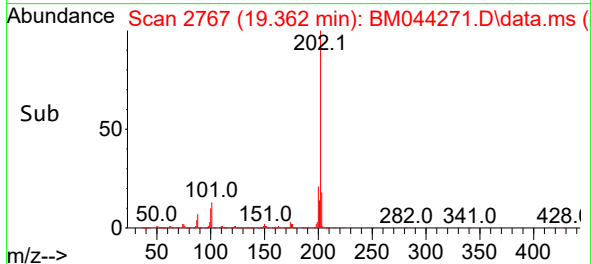
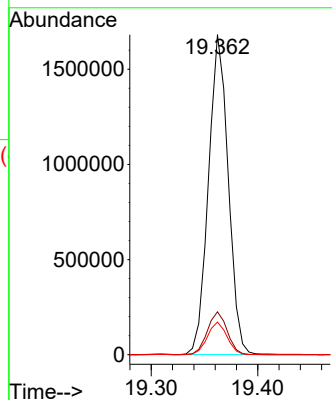
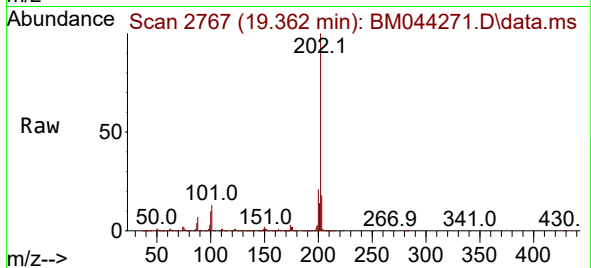
Tgt Ion:202 Resp: 2168743

Ion Ratio Lower Upper

202 100

101 13.4 11.1 16.7

100 10.2 8.2 12.2



#82

Pyrene

Concen: 34.297 ng/ul

RT: 19.727 min Scan# 2829

Delta R.T. 0.006 min

Lab File: BM044271.D

Acq: 23 Feb 2024 15:09

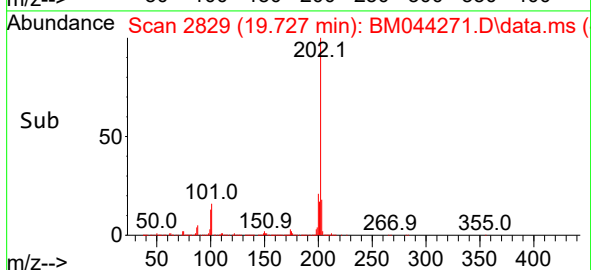
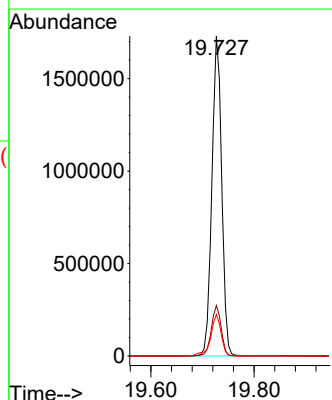
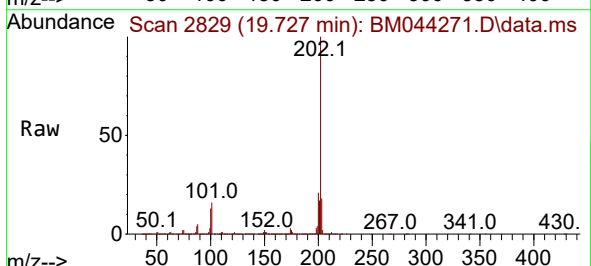
Tgt Ion:202 Resp: 2275665

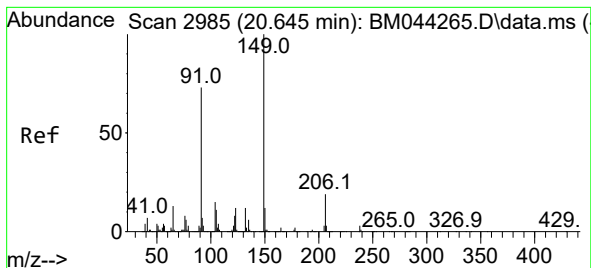
Ion Ratio Lower Upper

202 100

101 15.8 12.6 18.8

100 13.0 10.2 15.2





#83

Butylbenzylphthalate

Concen: 38.243 ng/ul

RT: 20.650 min Scan# 2985

Delta R.T. 0.006 min

Lab File: BM044271.D

Acq: 23 Feb 2024 15:09

Instrument :

BNA_M

ClientSampleId :

SLCS158

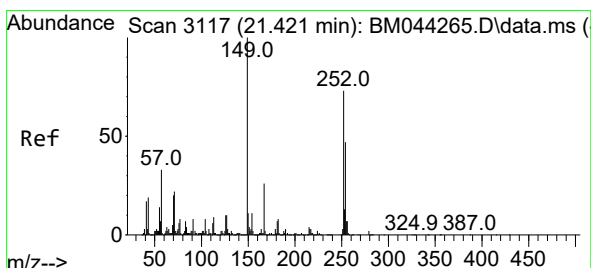
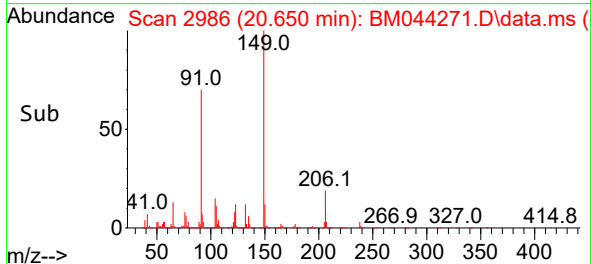
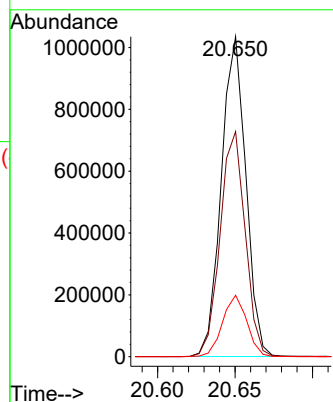
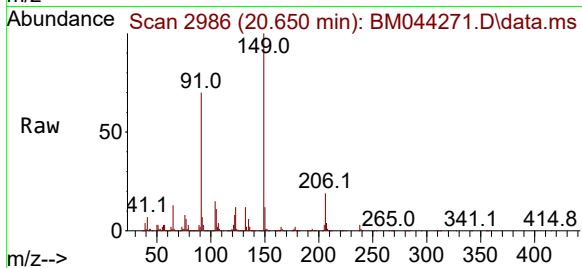
Tgt Ion:149 Resp: 1139722

Ion Ratio Lower Upper

149 100

91 70.4 58.1 87.1

206 19.2 15.0 22.4



#84

3,3'-Dichlorobenzidine

Concen: 37.421 ng/ul

RT: 21.427 min Scan# 3118

Delta R.T. 0.006 min

Lab File: BM044271.D

Acq: 23 Feb 2024 15:09

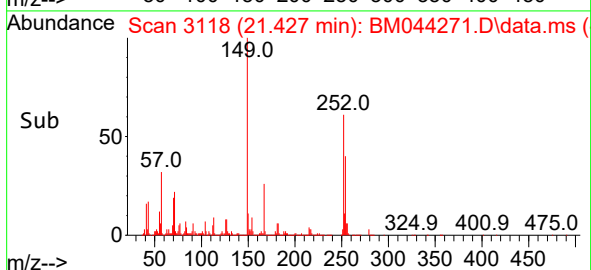
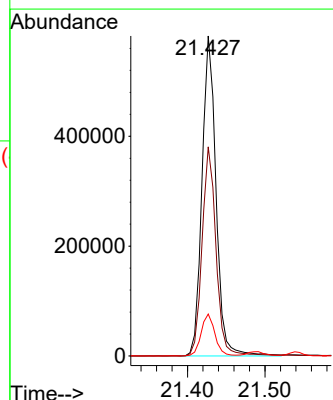
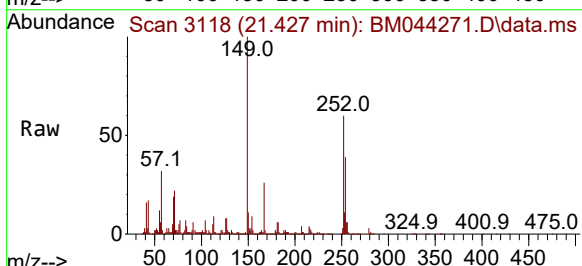
Tgt Ion:252 Resp: 733954

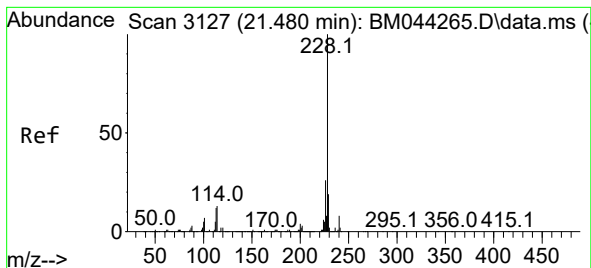
Ion Ratio Lower Upper

252 100

254 65.3 51.6 77.4

126 13.1 11.2 16.8





#85

Benzo(a)anthracene

Concen: 35.597 ng/ul

RT: 21.486 min Scan# 3127

Delta R.T. 0.006 min

Lab File: BM044271.D

Acq: 23 Feb 2024 15:09

Instrument :

BNA_M

ClientSampleId :

SLCS158

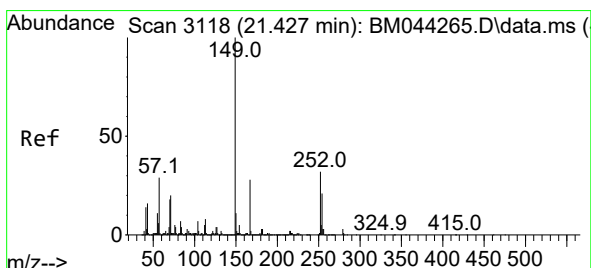
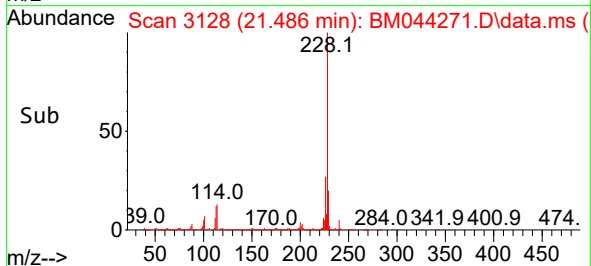
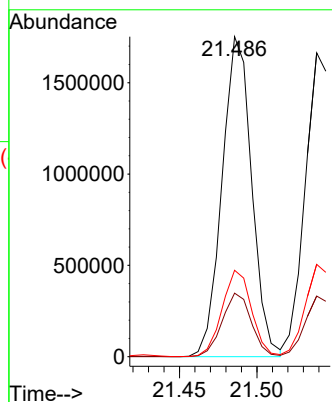
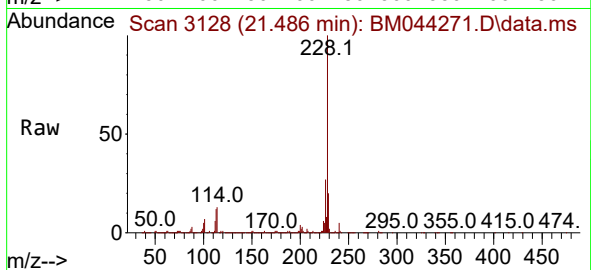
Tgt Ion:228 Resp: 2327956

Ion Ratio Lower Upper

228 100

229 19.9 15.4 23.0

226 27.0 21.2 31.8



#86

Bis(2-ethylhexyl)phthalate

Concen: 39.057 ng/ul

RT: 21.433 min Scan# 3119

Delta R.T. 0.006 min

Lab File: BM044271.D

Acq: 23 Feb 2024 15:09

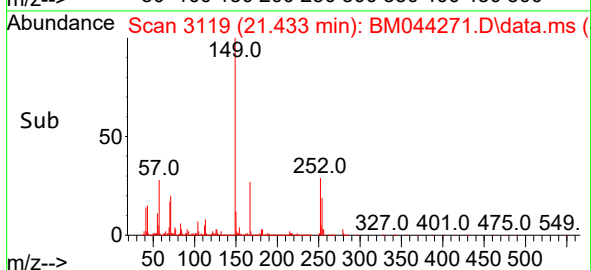
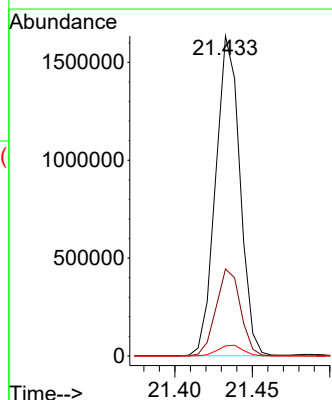
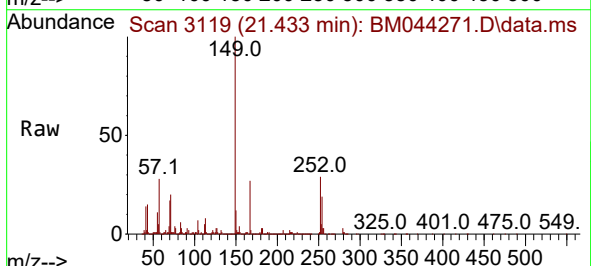
Tgt Ion:149 Resp: 1782103

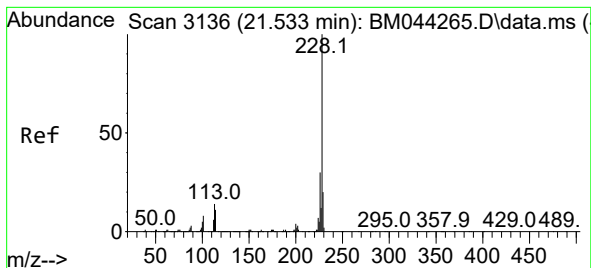
Ion Ratio Lower Upper

149 100

167 27.2 22.1 33.1

279 3.2 2.4 3.6





#87

Chrysene

Concen: 35.331 ng/ul

RT: 21.539 min Scan# 31

Delta R.T. 0.006 min

Lab File: BM044271.D

Acq: 23 Feb 2024 15:09

Instrument :

BNA_M

ClientSampleId :

SLCS158

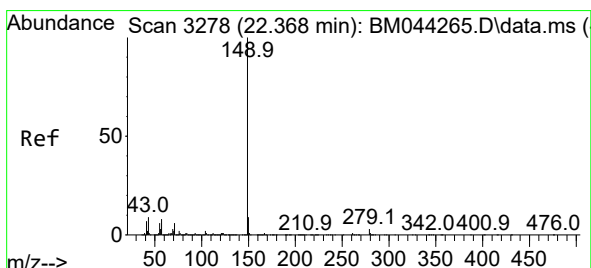
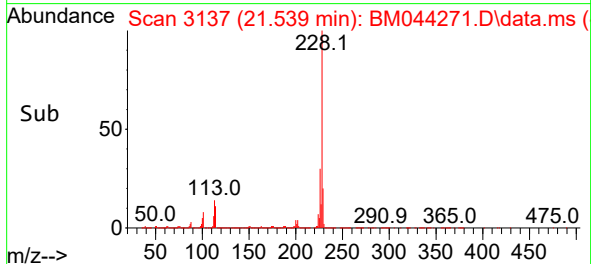
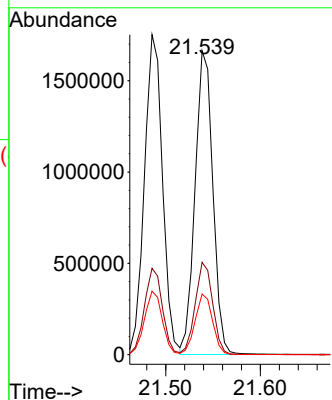
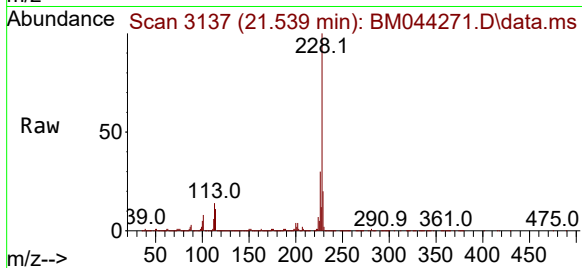
Tgt Ion:228 Resp: 2171909

Ion Ratio Lower Upper

228 100

226 30.4 23.8 35.6

229 20.0 16.0 24.0



#89

Di-n-octyl phthalate

Concen: 36.303 ng/ul

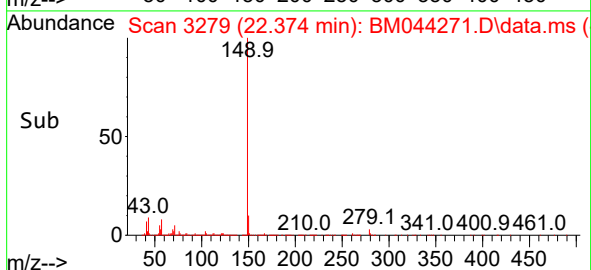
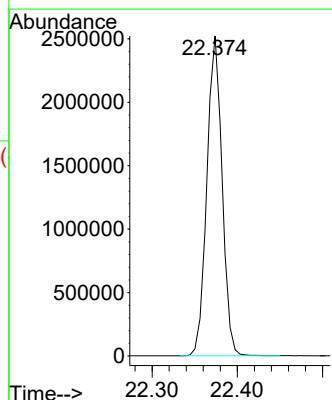
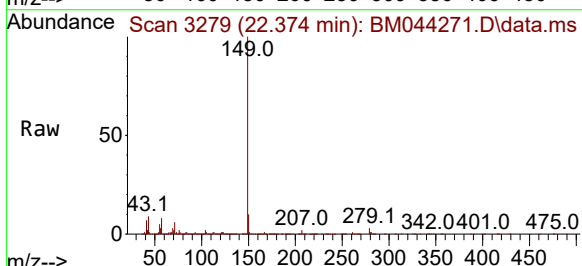
RT: 22.374 min Scan# 3279

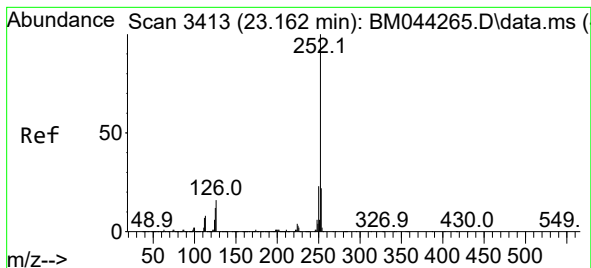
Delta R.T. 0.006 min

Lab File: BM044271.D

Acq: 23 Feb 2024 15:09

Tgt Ion:149 Resp: 3129834





#90

Benzo(b)fluoranthene

Concen: 36.542 ng/ul

RT: 23.174 min Scan# 3413

Delta R.T. 0.012 min

Lab File: BM044271.D

Acq: 23 Feb 2024 15:09

Instrument :

BNA_M

ClientSampleId :

SLCS158

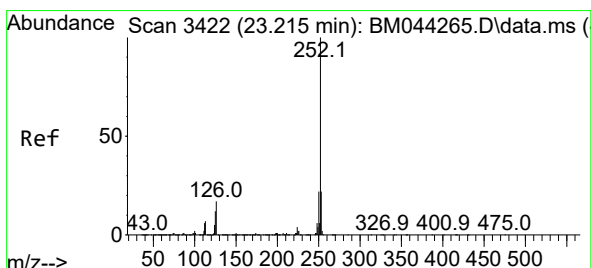
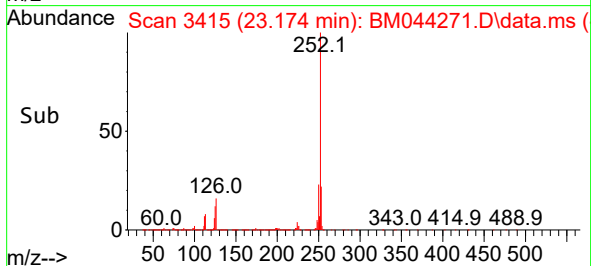
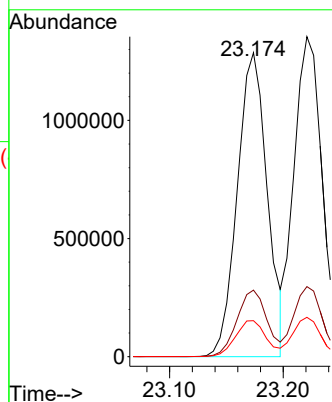
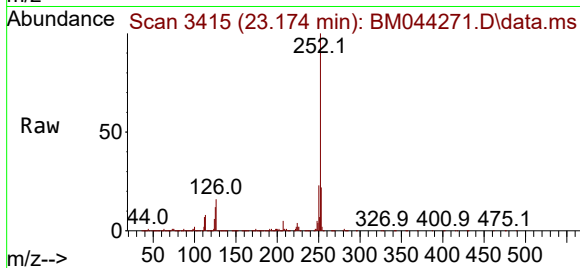
Tgt Ion:252 Resp: 2357328

Ion Ratio Lower Upper

252 100

253 21.9 17.6 26.4

125 11.8 9.8 14.8



#91

Benzo(k)fluoranthene

Concen: 35.245 ng/ul

RT: 23.221 min Scan# 3423

Delta R.T. 0.006 min

Lab File: BM044271.D

Acq: 23 Feb 2024 15:09

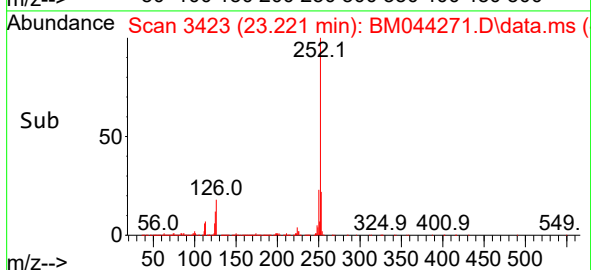
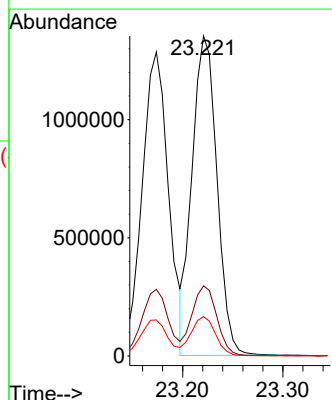
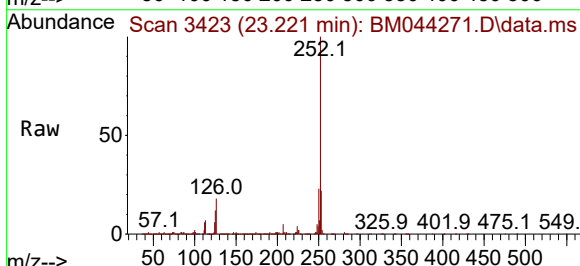
Tgt Ion:252 Resp: 2335246

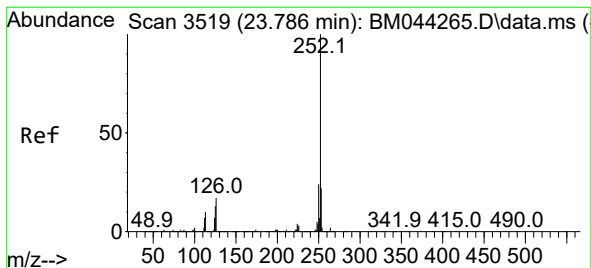
Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.0

125 12.3 9.4 14.2





#93

Benzo(a)pyrene

Concen: 36.182 ng/ul

RT: 23.797 min Scan# 3

Delta R.T. 0.012 min

Lab File: BM044271.D

Acq: 23 Feb 2024 15:09

Instrument :

BNA_M

ClientSampleId :

SLCS158

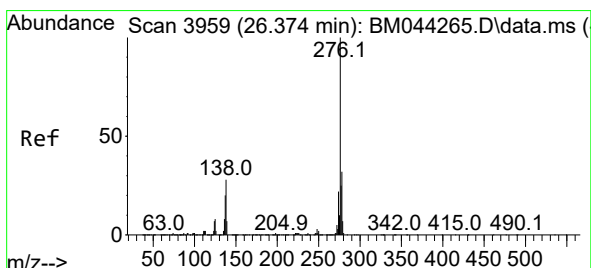
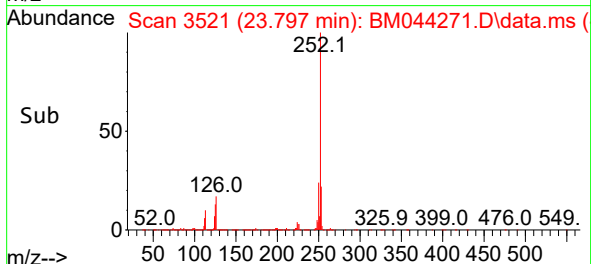
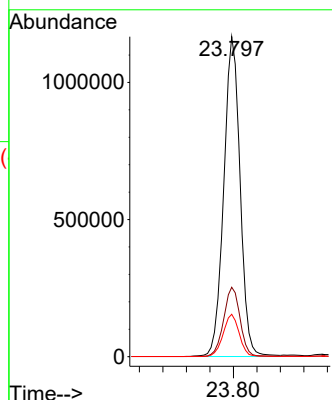
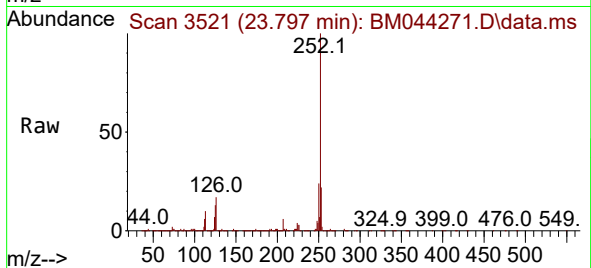
Tgt Ion:252 Resp: 2250364

Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.2

125 13.3 10.8 16.2



#94

Indeno(1,2,3-cd)pyrene

Concen: 36.217 ng/ul

RT: 26.397 min Scan# 3963

Delta R.T. 0.023 min

Lab File: BM044271.D

Acq: 23 Feb 2024 15:09

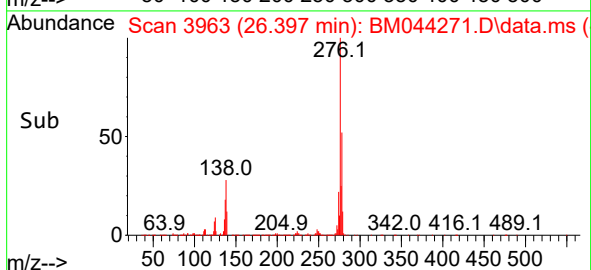
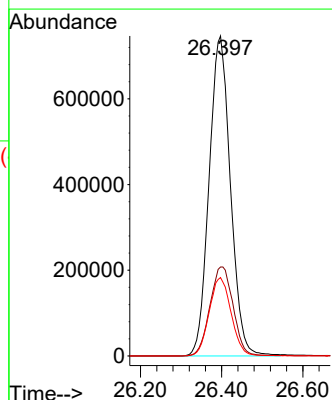
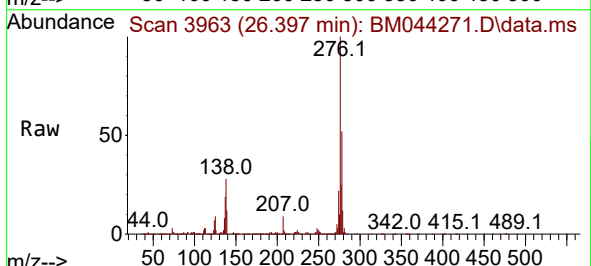
Tgt Ion:276 Resp: 2723996

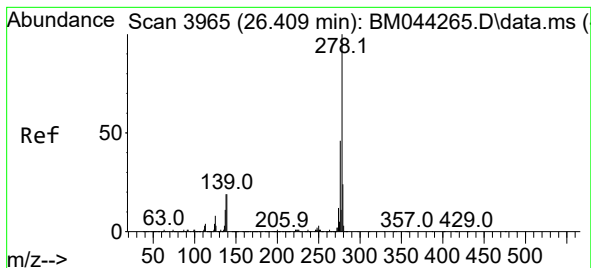
Ion Ratio Lower Upper

276 100

138 27.8 22.1 33.1

277 24.5 19.9 29.9





#95

Dibenzo(a,h)anthracene

Concen: 36.741 ng/ul

RT: 26.421 min Scan# 3965

Delta R.T. 0.012 min

Lab File: BM044271.D

Acq: 23 Feb 2024 15:09

Instrument :

BNA_M

ClientSampleId :

SLCS158

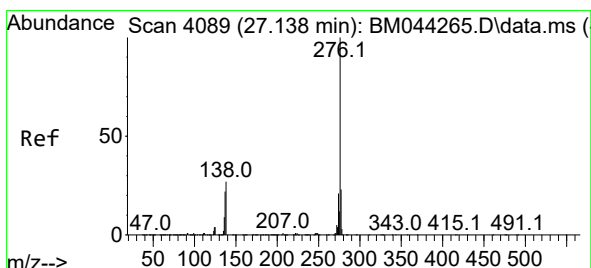
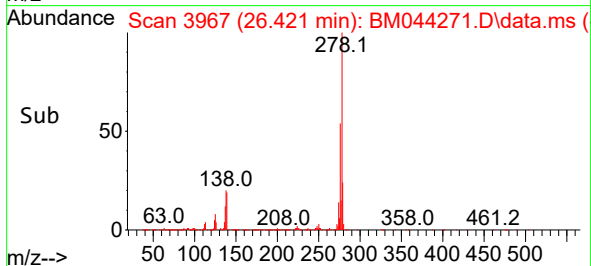
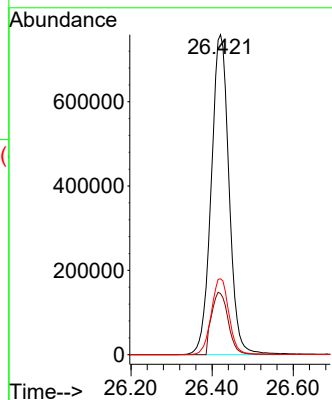
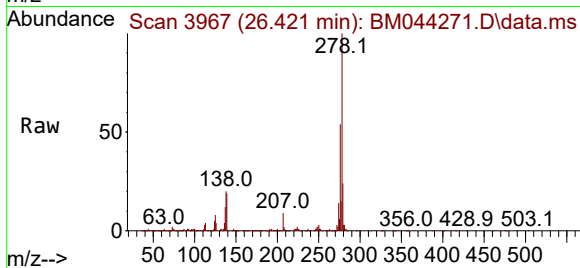
Tgt Ion:278 Resp: 2309286

Ion Ratio Lower Upper

278 100

139 19.1 14.9 22.3

279 23.7 19.5 29.3



#96

Benzo(g,h,i)perylene

Concen: 36.016 ng/ul

RT: 27.156 min Scan# 4092

Delta R.T. 0.018 min

Lab File: BM044271.D

Acq: 23 Feb 2024 15:09

Tgt Ion:276 Resp: 2191237

Ion Ratio Lower Upper

276 100

138 25.4 21.6 32.4

277 24.2 18.5 27.7

