

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041124\
 Data File : BM045201.D
 Acq On : 13 Apr 2024 10:31
 Operator : MA/JU
 Sample : PB160136BS
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS136

Quant Time: Apr 15 02:40:28 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040524.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 11 18:54:49 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.610	152	53904	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.381	136	214722	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.257	164	123398	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.015	188	231060	20.000	ng/ul	-0.01
79) Chrysene-d12	21.227	240	214815	20.000	ng/ul	0.00
88) Perylene-d12	23.439	264	260045	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.205	96	10176	7.049	ng/uL	0.00
4) Pyridine-d5	3.599	84	112786	28.732	ng/ul	0.00
7) Phenol-d5	6.793	99	138293	30.263	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.969	67	86934	31.931	ng/ul	0.00
11) 2-Chlorophenol-d4	7.146	132	118782	33.178	ng/ul	0.00
15) 4-Methylphenol-d8	8.322	113	108492	30.331	ng/ul	0.00
21) Nitrobenzene-d5	8.769	128	56537	34.279	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.481	143	60976	35.026	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.010	165	110724	34.690	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.539	131	146473	28.824	ng/ul	-0.01
46) Dimethylphthalate-d6	13.680	166	285619	33.243	ng/ul	-0.01
49) Acenaphthylene-d8	13.945	160	348462	34.331	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.492	143	44550	24.845	ng/ul	0.00
60) Fluorene-d10	15.257	176	248765	32.477	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.404	200	40926	29.873	ng/ul	0.00
73) Anthracene-d10	17.115	188	356260	34.275	ng/ul	-0.01
81) Pyrene-d10	19.421	212	403651	38.161	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.297	264	461565	36.385	ng/ul	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.234	88	16171	10.727	ng/uL	97
5) Pyridine	3.616	79	112943	27.154	ng/ul	99
6) Benzaldehyde	6.781	77	79499	37.528	ng/ul	95
8) Phenol	6.816	94	138466	29.261	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.057	93	109307	29.597	ng/ul	96
12) 2-Chlorophenol	7.175	128	115990	30.876	ng/ul	99
13) 2-Methylphenol	8.051	108	100573	28.793	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.128	45	63459	14.406	ng/ul	99
16) Acetophenone	8.440	105	166057	28.555	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.422	70	80374	29.272	ng/ul#	91
18) 4-Methylphenol	8.381	108	108492	28.817	ng/ul	97
19) Hexachloroethane	8.657	117	52754	31.928	ng/ul	97
22) Nitrobenzene	8.816	77	130979	32.368	ng/ul	97
23) Isophorone	9.334	82	222895	29.980	ng/ul	99
25) 2-Nitrophenol	9.510	139	62647	32.422	ng/ul#	90
26) 2,4-Dimethylphenol	9.575	107	93659	25.142	ng/ul	96
27) Bis(2-Chloroethoxy)met...	9.816	93	139044	31.547	ng/ul	95
29) 2,4-Dichlorophenol	10.039	162	105149	32.607	ng/ul	96
30) Naphthalene	10.428	128	351891	30.958	ng/ul	99
32) 4-Chloroaniline	10.563	127	136814	27.669	ng/ul	96
33) Hexachlorobutadiene	10.692	225	64125	31.982	ng/ul	98
34) Caprolactam	11.369	113	28559	26.232	ng/ul	92
35) 4-Chloro-3-methylphenol	11.686	107	99094	30.912	ng/ul	98
36) 2-Methylnaphthalene	12.051	142	229382	30.907	ng/ul	98

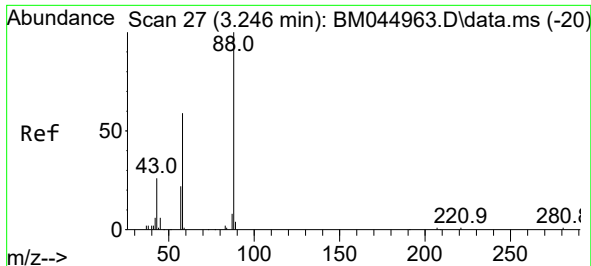
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041124\
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.275	142	236458	31.484	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.422	216	115870	34.335	ng/ul	98
40) Hexachlorocyclopentadiene	12.380	237	51517	25.218	ng/ul	98
41) 2,4,6-Trichlorophenol	12.680	196	75087	34.108	ng/ul	94
42) 2,4,5-Trichlorophenol	12.751	196	82324	33.940	ng/ul	93
43) 1,1'-Biphenyl	13.080	154	292239	33.538	ng/ul	97
44) 2-Chloronaphthalene	13.122	162	232376	32.824	ng/ul	99
45) 2-Nitroaniline	13.357	65	63989	32.744	ng/ul	96
47) Dimethylphthalate	13.733	163	275115	30.635	ng/ul	99
48) 2,6-Dinitrotoluene	13.863	165	55997	31.813	ng/ul	89
50) Acenaphthylene	13.974	152	370117	31.221	ng/ul	99
51) 3-Nitroaniline	14.192	138	57951	30.183	ng/ul#	97
52) Acenaphthene	14.322	153	242269	30.627	ng/ul	99
53) 2,4-Dinitrophenol	14.416	184	25382	24.254	ng/ul	96
55) 4-Nitrophenol	14.504	109	39221	24.871	ng/ul	90
56) Dibenzofuran	14.663	168	334165	30.871	ng/ul	98
57) 2,4-Dinitrotoluene	14.657	165	78394	29.754	ng/ul	90
58) 2,3,4,6-Tetrachlorophenol	14.892	232	63860	30.762	ng/ul	98
59) Diethylphthalate	15.104	149	269757	29.444	ng/ul	97
61) Fluorene	15.316	166	266126	29.169	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.316	204	124072	29.014	ng/ul	96
63) 4-Nitroaniline	15.368	138	48002	27.499	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.416	198	42829	29.192	ng/ul#	95
67) N-Nitrosodiphenylamine	15.533	169	218451	35.047	ng/ul	99
68) 4-Bromophenyl-phenylether	16.215	248	75761	33.666	ng/ul	99
69) Hexachlorobenzene	16.310	284	95740	32.706	ng/ul	93
70) Atrazine	16.504	200	70564	30.776	ng/ul	98
71) Pentachlorophenol	16.668	266	52971	29.790	ng/ul	93
72) Phenanthrene	17.057	178	403925	32.485	ng/ul	99
74) Anthracene	17.151	178	401772	31.588	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.039	216	113261	38.891	ng/uL	96
76) Pentachlorobenzene	14.569	250	111282	35.914	ng/uL	97
77) Carbazole	17.433	167	375970	30.655	ng/ul	100
78) Di-n-butylphthalate	18.004	149	442933	32.024	ng/ul	100
80) Fluoranthene	19.086	202	449955	36.067	ng/ul	99
82) Pyrene	19.451	202	491771	36.528	ng/ul	99
83) Butylbenzylphthalate	20.374	149	186835	33.124	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.156	252	138267	28.948	ng/ul	96
85) Benzo(a)anthracene	21.209	228	461942	31.693	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.156	149	270369	30.665	ng/ul	98
87) Chrysene	21.262	228	441518	32.494	ng/ul	99
89) Di-n-octyl phthalate	22.033	149	458632	28.031	ng/ul	100
90) Benzo(b)fluoranthene	22.774	252	501392	33.081	ng/ul	99
91) Benzo(k)fluoranthene	22.821	252	504064	33.042	ng/ul	99
93) Benzo(a)pyrene	23.344	252	438731	29.743	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	25.656	276	672470	35.194	ng/ul	99
95) Dibenzo(a,h)anthracene	25.674	278	540634	33.842	ng/ul	98
96) Benzo(g,h,i)perylene	26.338	276	532601	35.333	ng/ul	99

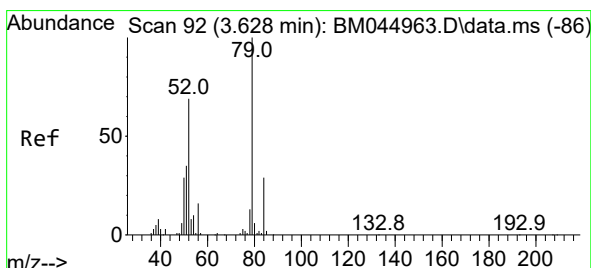
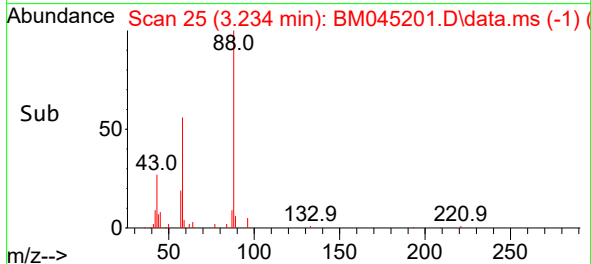
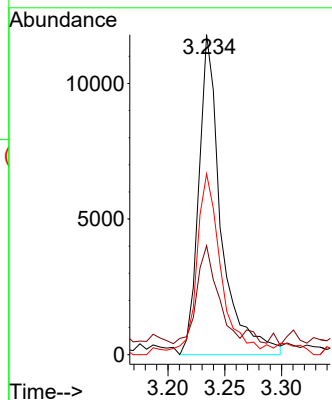
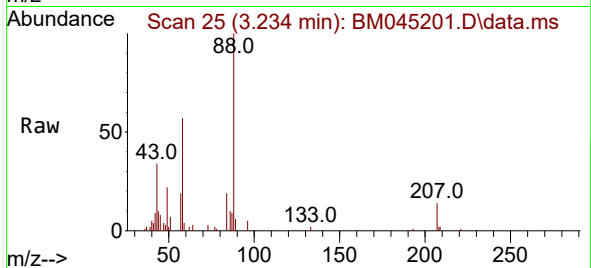
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#2
1,4-Dioxane
Concen: 10.727 ng/uL
RT: 3.234 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM045201.D
Acq: 13 Apr 2024 10:31

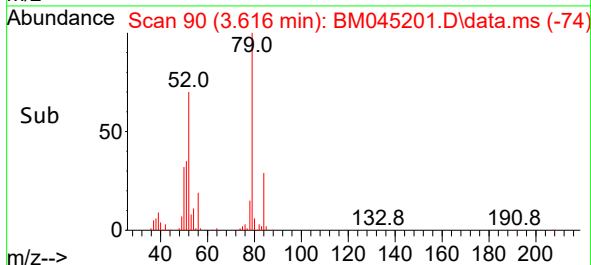
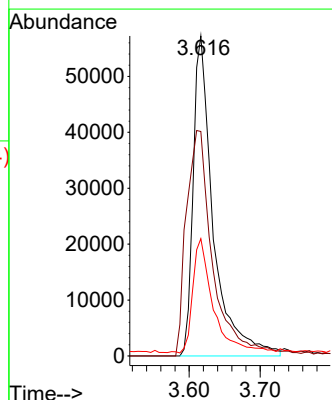
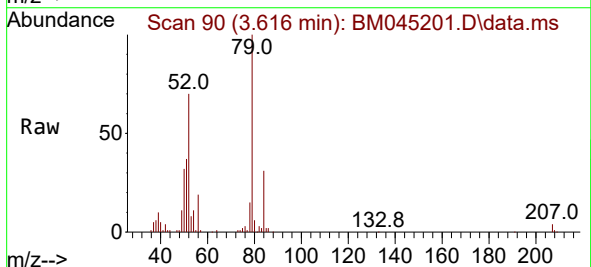
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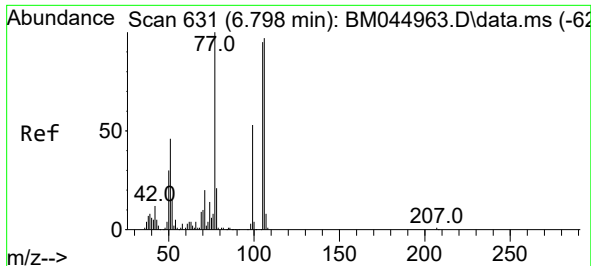
Tgt Ion: 88 Resp: 16171
Ion Ratio Lower Upper
88 100
43 34.1 24.0 36.0
58 56.5 45.4 68.2



#5
Pyridine
Concen: 27.154 ng/uL
RT: 3.616 min Scan# 90
Delta R.T. -0.006 min
Lab File: BM045201.D
Acq: 13 Apr 2024 10:31

Tgt Ion: 79 Resp: 112943
Ion Ratio Lower Upper
79 100
52 70.2 56.0 84.0
51 36.7 27.6 41.4

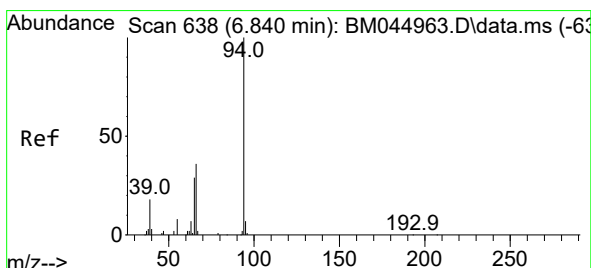
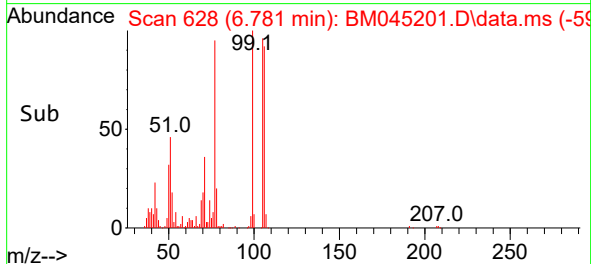
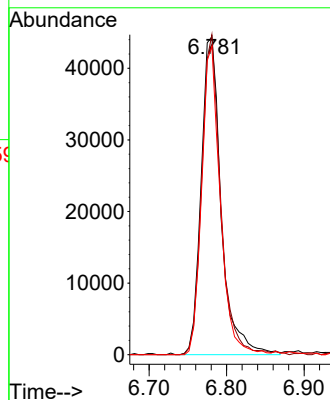
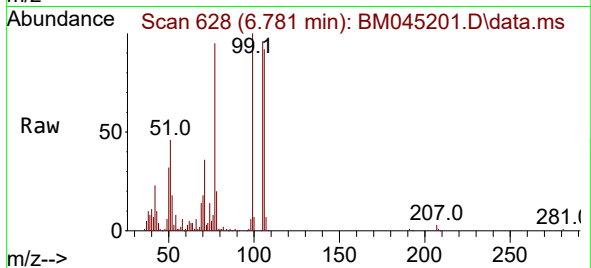




#6
Benzaldehyde
Concen: 37.528 ng/ul
RT: 6.781 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM045201.D
Acq: 13 Apr 2024 10:31

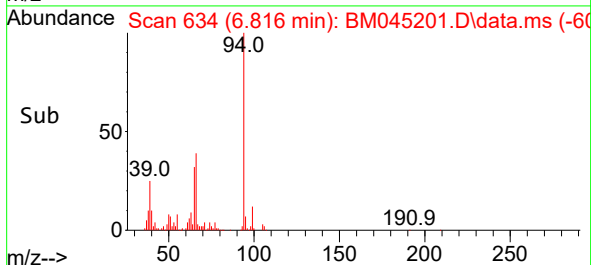
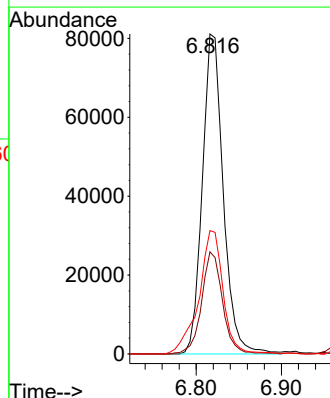
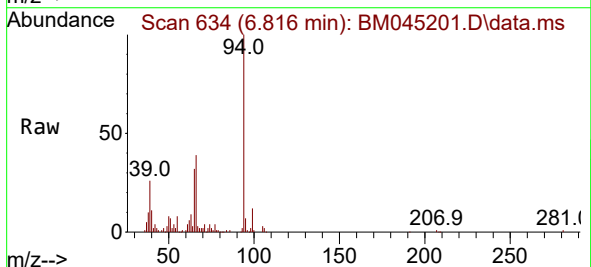
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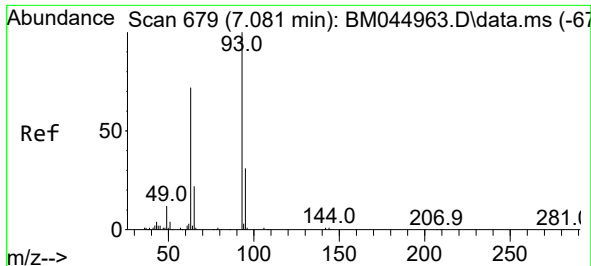
Tgt Ion: 77 Resp: 79499
Ion Ratio Lower Upper
77 100
105 100.6 75.8 113.6
106 97.1 74.6 112.0



#8
Phenol
Concen: 29.261 ng/ul
RT: 6.816 min Scan# 634
Delta R.T. -0.012 min
Lab File: BM045201.D
Acq: 13 Apr 2024 10:31

Tgt Ion: 94 Resp: 138466
Ion Ratio Lower Upper
94 100
65 31.9 21.7 32.5
66 38.6 31.9 47.9

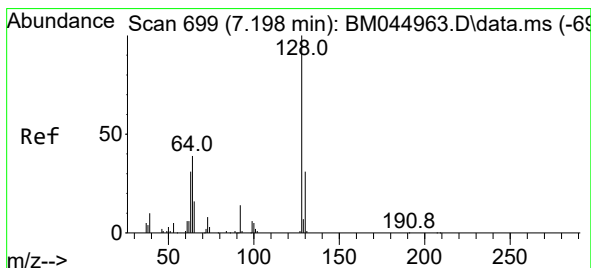
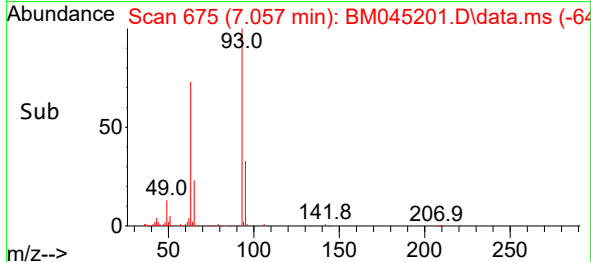
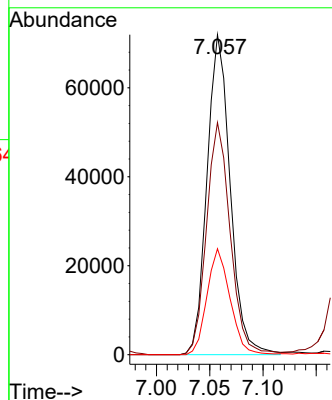
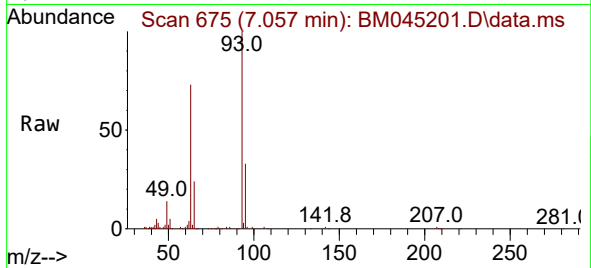




#10
 Bis(2-Chloroethyl)ether
 Concen: 29.597 ng/ul
 RT: 7.057 min Scan# 61
 Delta R.T. -0.012 min
 Lab File: BM045201.D
 Acq: 13 Apr 2024 10:31

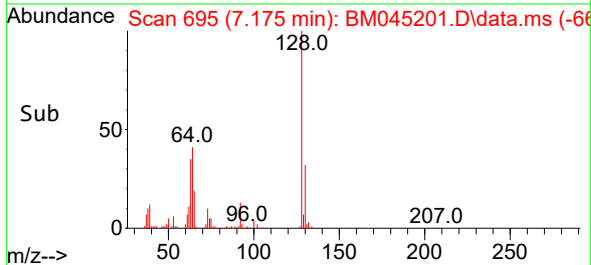
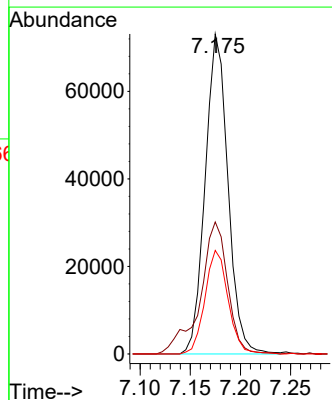
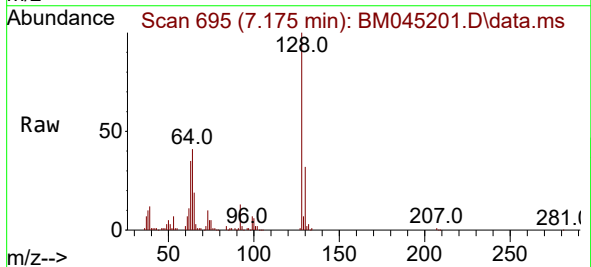
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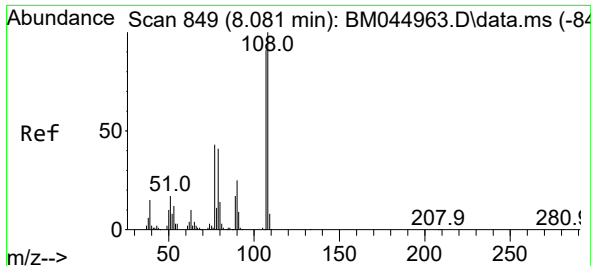
Tgt Ion: 93 Resp: 109307
 Ion Ratio Lower Upper
 93 100
 63 72.5 61.3 91.9
 95 33.1 27.6 41.4



#12
 2-Chlorophenol
 Concen: 30.876 ng/ul
 RT: 7.175 min Scan# 695
 Delta R.T. -0.012 min
 Lab File: BM045201.D
 Acq: 13 Apr 2024 10:31

Tgt Ion:128 Resp: 115990
 Ion Ratio Lower Upper
 128 100
 64 41.3 33.3 49.9
 130 32.3 26.2 39.4





#13

2-Methylphenol

Concen: 28.793 ng/ul

RT: 8.051 min Scan# 84

Delta R.T. -0.012 min

Lab File: BM045201.D

Acq: 13 Apr 2024 10:31

Instrument :

BNA_M

ClientSampleId :

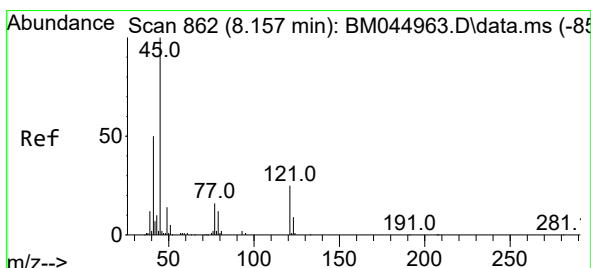
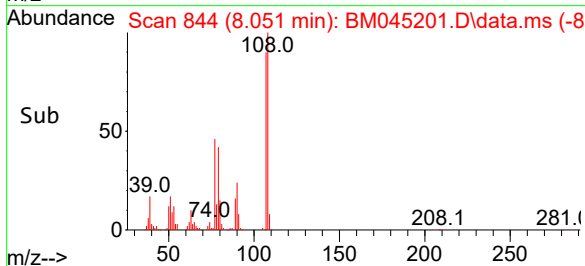
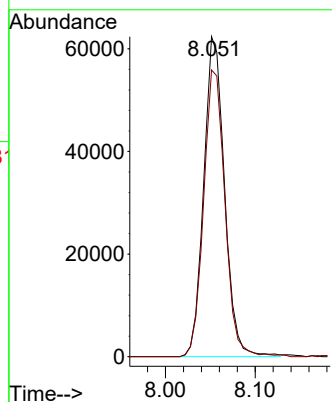
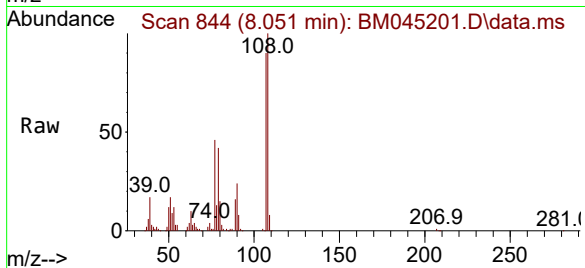
SLCS136

Tgt Ion:108 Resp: 100573

Ion Ratio Lower Upper

108 100

107 89.6 69.1 103.7



#14

2,2'-oxybis(1-Chloropropane)

Concen: 14.406 ng/ul

RT: 8.128 min Scan# 857

Delta R.T. -0.012 min

Lab File: BM045201.D

Acq: 13 Apr 2024 10:31

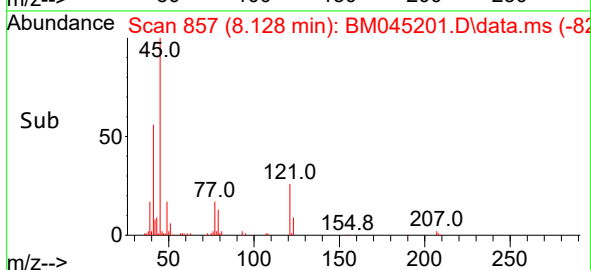
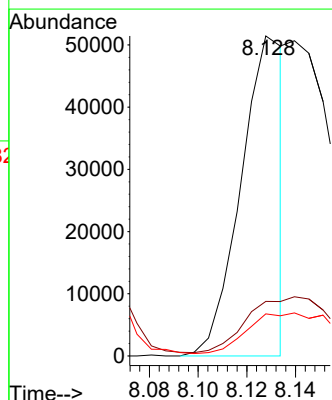
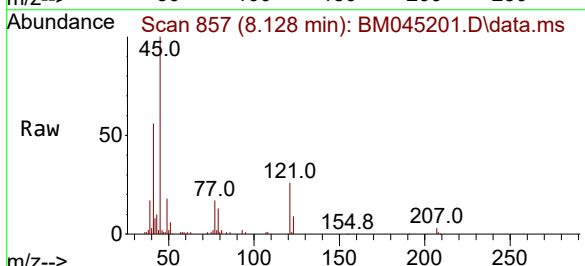
Tgt Ion: 45 Resp: 63459

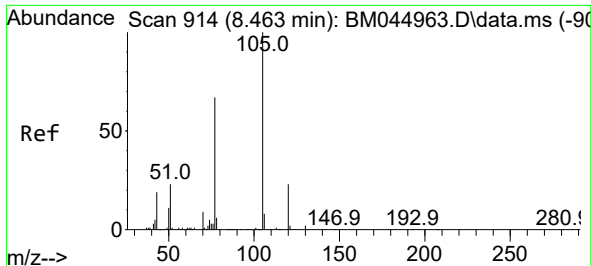
Ion Ratio Lower Upper

45 100

77 17.1 13.4 20.0

79 13.2 10.1 15.1

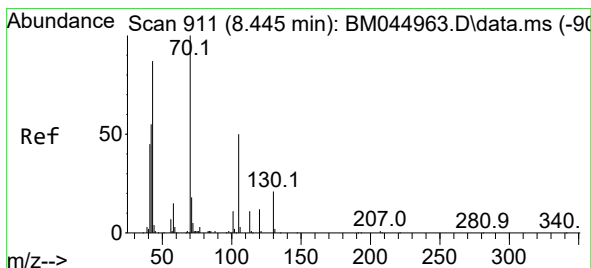
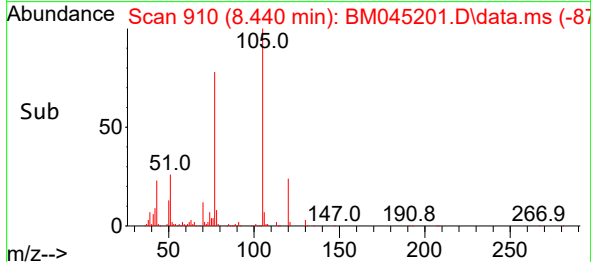
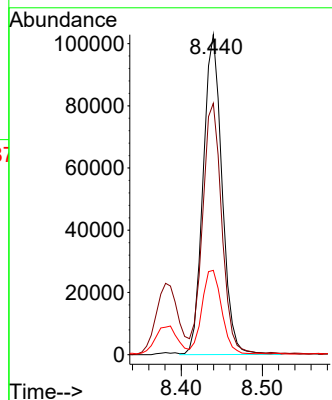
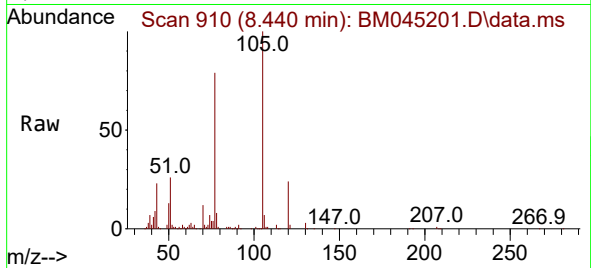




#16
Acetophenone
Concen: 28.555 ng/ul
RT: 8.440 min Scan# 914
Delta R.T. -0.006 min
Lab File: BM045201.D
Acq: 13 Apr 2024 10:31

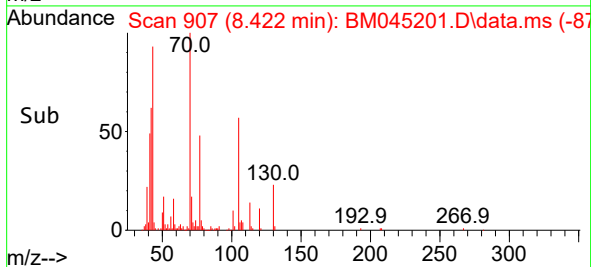
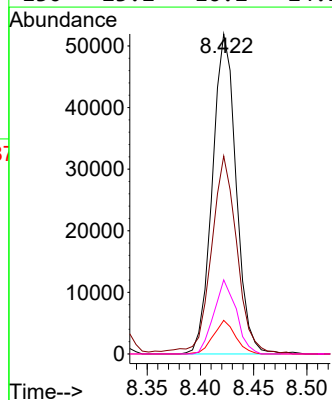
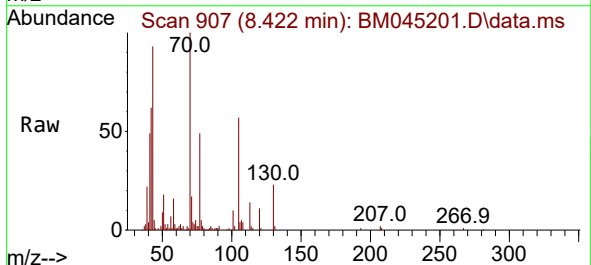
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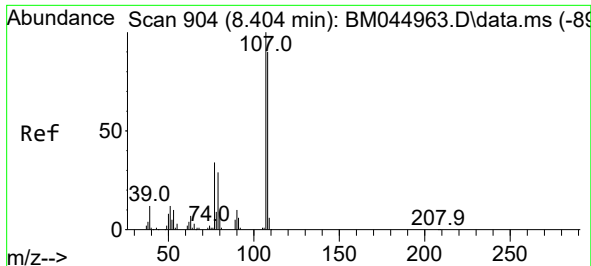
Tgt Ion:105 Resp: 166057
Ion Ratio Lower Upper
105 100
77 78.6 65.8 98.6
51 26.3 21.9 32.9



#17
N-Nitroso-di-n-propylamine
Concen: 29.272 ng/ul
RT: 8.422 min Scan# 907
Delta R.T. -0.006 min
Lab File: BM045201.D
Acq: 13 Apr 2024 10:31

Tgt Ion: 70 Resp: 80374
Ion Ratio Lower Upper
70 100
42 61.9 43.2 64.8
101 10.5 6.4 9.6#
130 23.2 16.2 24.2

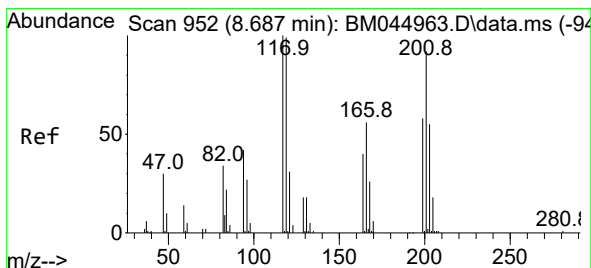
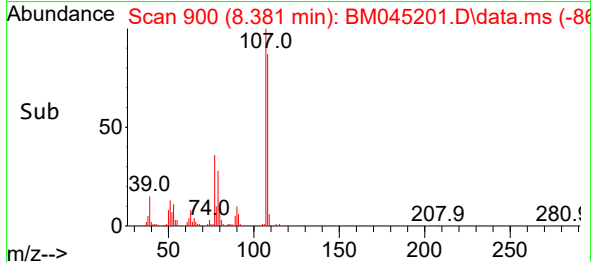
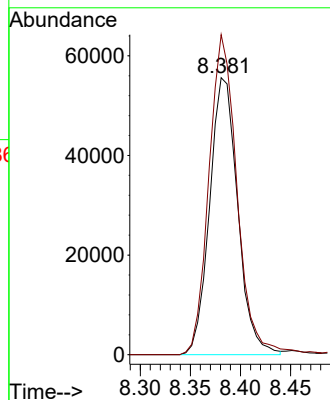
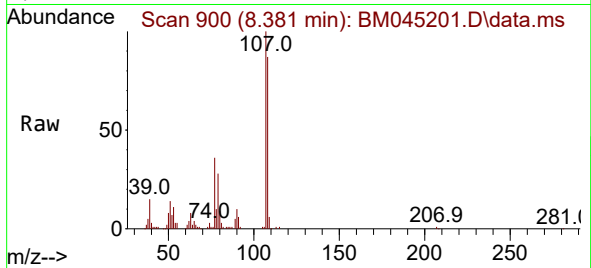




#18
4-Methylphenol
Concen: 28.817 ng/ul
RT: 8.381 min Scan# 904
Delta R.T. -0.012 min
Lab File: BM045201.D
Acq: 13 Apr 2024 10:31

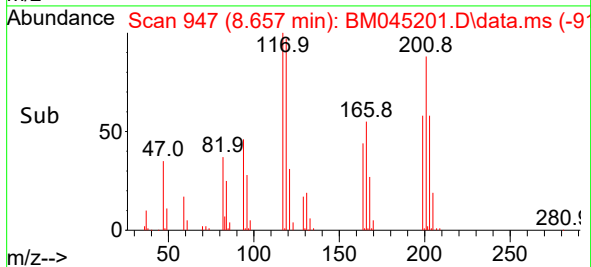
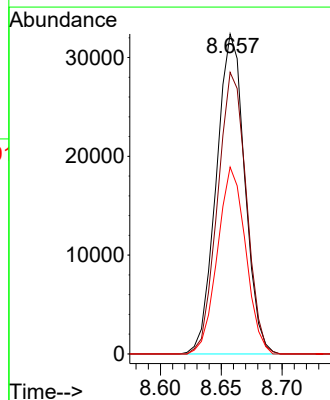
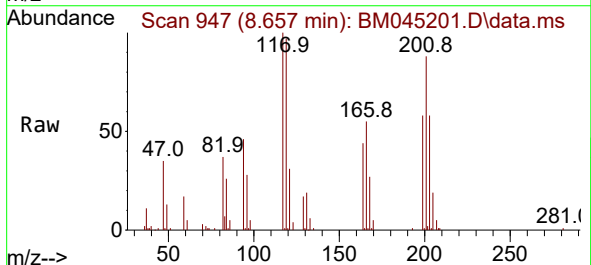
Instrument :
BNA_M
ClientSampleId :
SLCS136

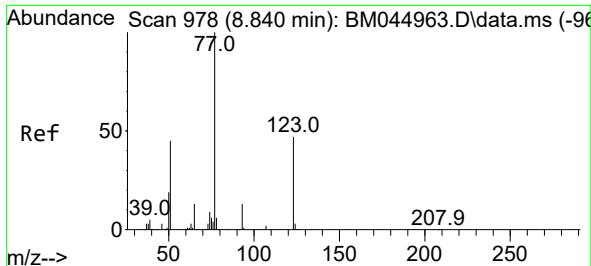
Tgt Ion:108 Resp: 108492
Ion Ratio Lower Upper
108 100
107 115.5 90.0 135.0



#19
Hexachloroethane
Concen: 31.928 ng/ul
RT: 8.657 min Scan# 947
Delta R.T. -0.012 min
Lab File: BM045201.D
Acq: 13 Apr 2024 10:31

Tgt Ion:117 Resp: 52754
Ion Ratio Lower Upper
117 100
201 89.6 73.0 109.4
199 59.8 44.4 66.6

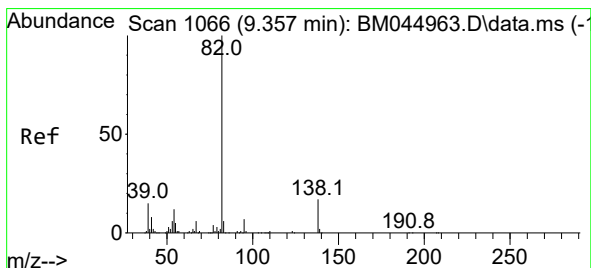
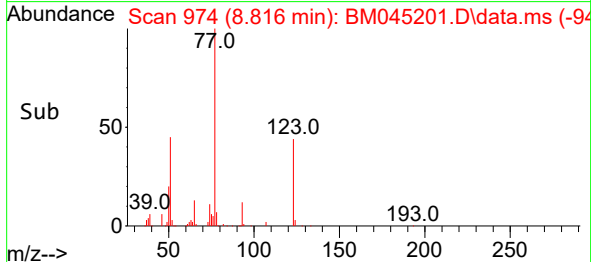
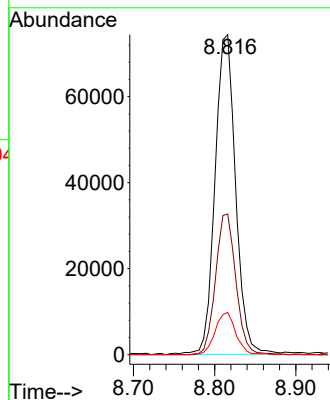
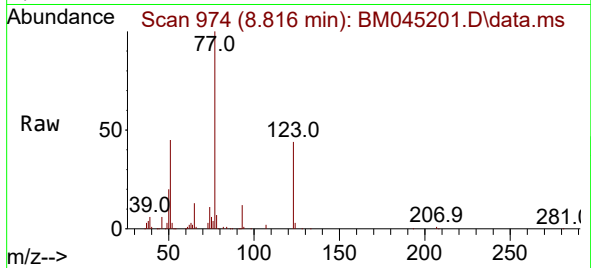




#22
Nitrobenzene
Concen: 32.368 ng/ul
RT: 8.816 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM045201.D
Acq: 13 Apr 2024 10:31

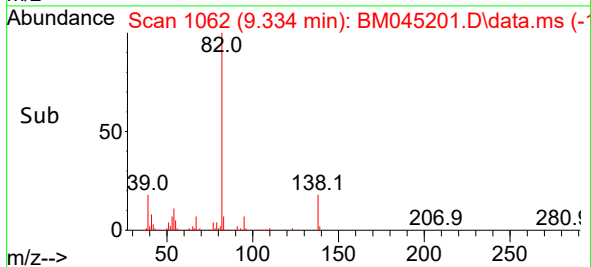
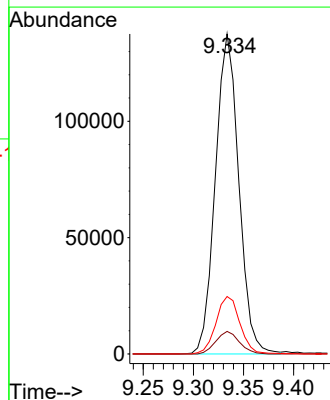
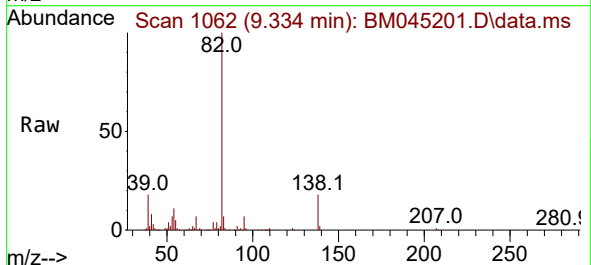
Instrument :
BNA_M
ClientSampleId :
SLCS136

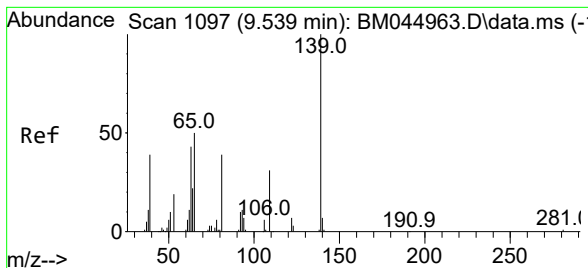
Tgt Ion: 77 Resp: 130979
Ion Ratio Lower Upper
77 100
123 43.9 37.4 56.2
65 13.3 10.7 16.1



#23
Isophorone
Concen: 29.980 ng/ul
RT: 9.334 min Scan# 1062
Delta R.T. -0.012 min
Lab File: BM045201.D
Acq: 13 Apr 2024 10:31

Tgt Ion: 82 Resp: 222895
Ion Ratio Lower Upper
82 100
95 7.0 5.1 7.7
138 18.0 14.2 21.4

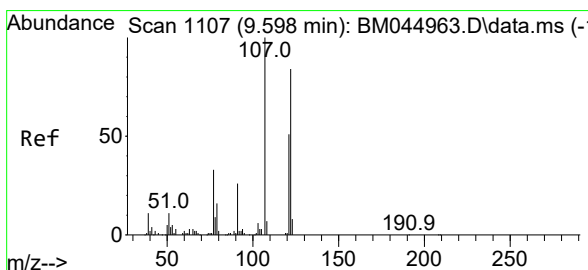
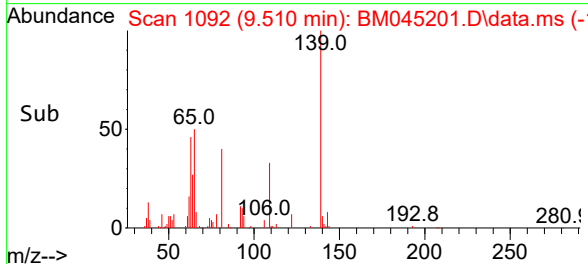
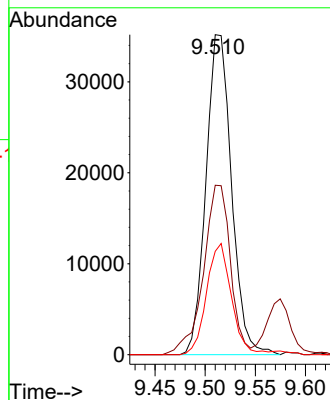
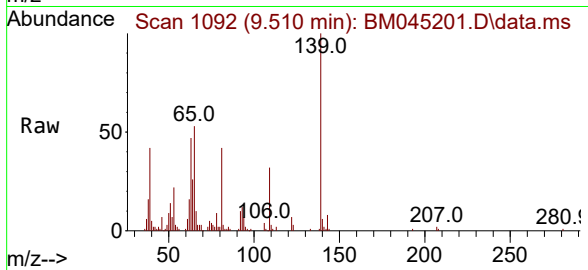




#25
2-Nitrophenol
Concen: 32.422 ng/ul
RT: 9.510 min Scan# 1103
Delta R.T. -0.012 min
Lab File: BM045201.D
Acq: 13 Apr 2024 10:31

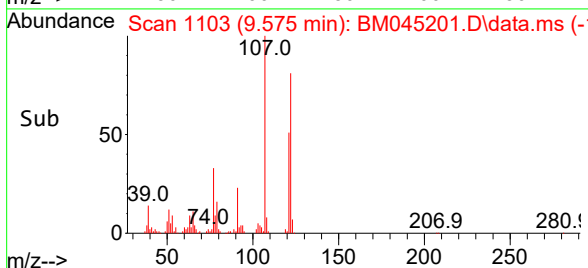
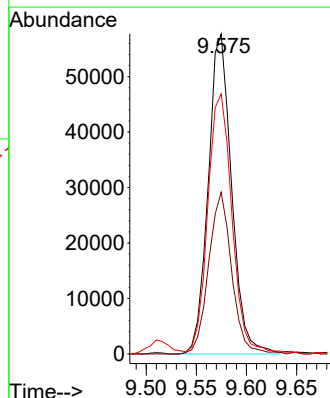
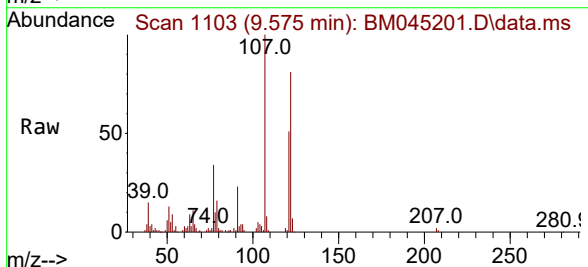
Instrument :
BNA_M
ClientSampleId :
SLCS136

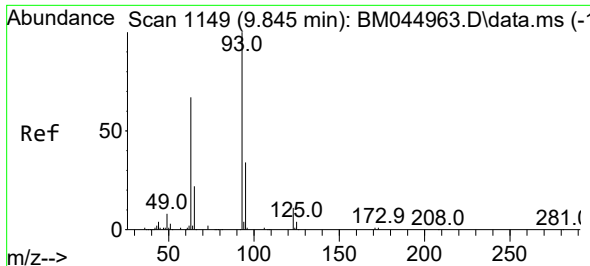
Tgt Ion:139 Resp: 62647
Ion Ratio Lower Upper
139 100
65 53.0 34.9 52.3#
109 32.3 24.4 36.6



#26
2,4-Dimethylphenol
Concen: 25.142 ng/ul
RT: 9.575 min Scan# 1103
Delta R.T. -0.012 min
Lab File: BM045201.D
Acq: 13 Apr 2024 10:31

Tgt Ion:107 Resp: 93659
Ion Ratio Lower Upper
107 100
121 50.5 41.1 61.7
122 81.3 69.1 103.7

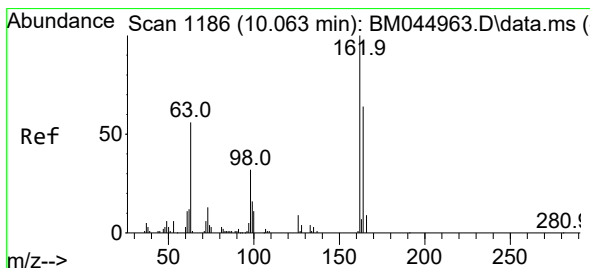
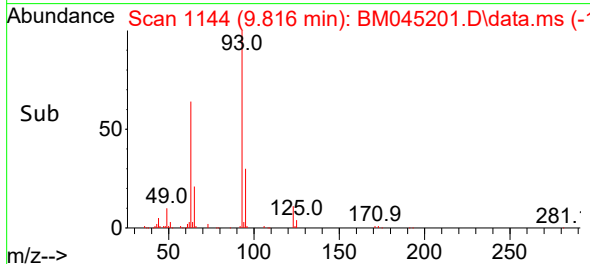
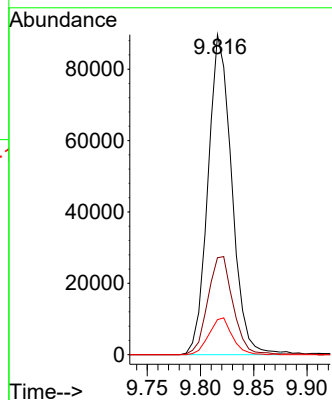
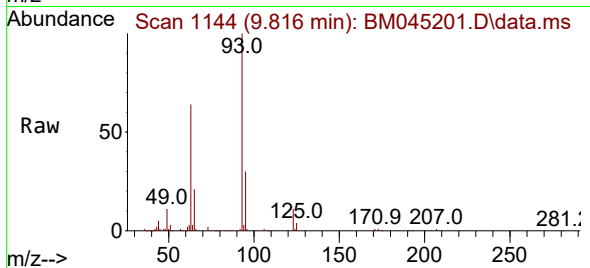




#27
 Bis(2-Chloroethoxy)methane
 Concen: 31.547 ng/ul
 RT: 9.816 min Scan# 1144
 Delta R.T. -0.012 min
 Lab File: BM045201.D
 Acq: 13 Apr 2024 10:31

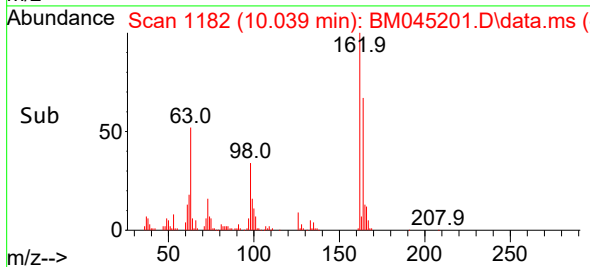
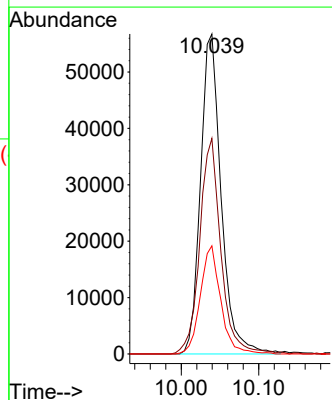
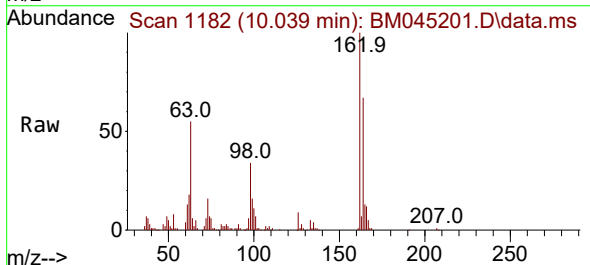
Instrument :
 BNA_M
 ClientSampleId :
 SLCS136

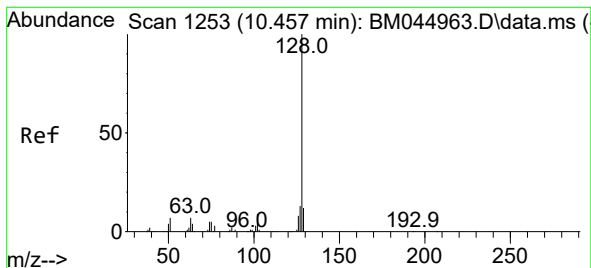
Tgt Ion: 93 Resp: 139044
 Ion Ratio Lower Upper
 93 100
 95 30.3 26.9 40.3
 123 11.0 9.1 13.7



#29
 2,4-Dichlorophenol
 Concen: 32.607 ng/ul
 RT: 10.039 min Scan# 1182
 Delta R.T. -0.012 min
 Lab File: BM045201.D
 Acq: 13 Apr 2024 10:31

Tgt Ion: 162 Resp: 105149
 Ion Ratio Lower Upper
 162 100
 164 67.4 50.4 75.6
 98 33.8 27.0 40.4





#30

Naphthalene

Concen: 30.958 ng/ul

RT: 10.428 min Scan# 1

Delta R.T. -0.012 min

Lab File: BM045201.D

Acq: 13 Apr 2024 10:31

Instrument :

BNA_M

ClientSampleId :

SLCS136

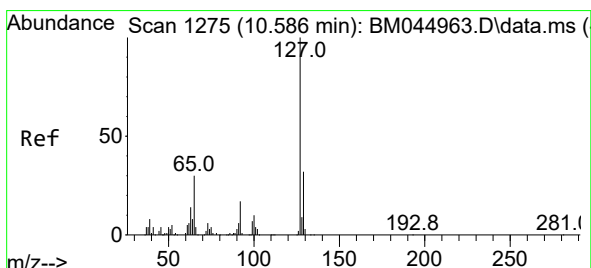
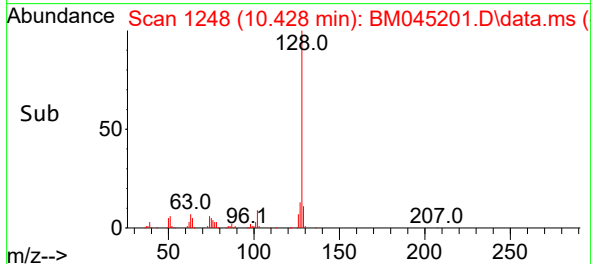
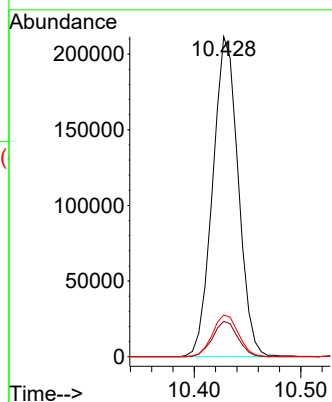
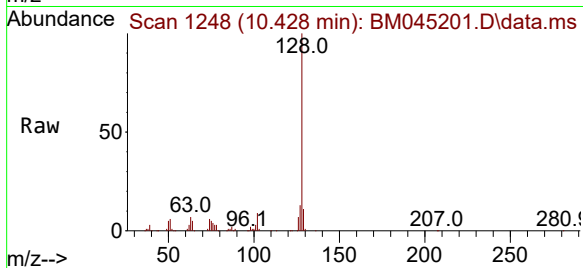
Tgt Ion:128 Resp: 351891

Ion Ratio Lower Upper

128 100

129 11.1 8.5 12.7

127 13.0 10.2 15.4



#32

4-Chloroaniline

Concen: 27.669 ng/ul

RT: 10.563 min Scan# 1271

Delta R.T. -0.012 min

Lab File: BM045201.D

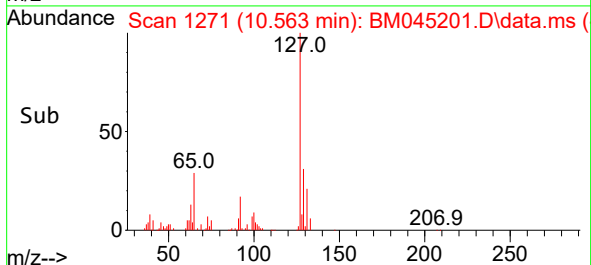
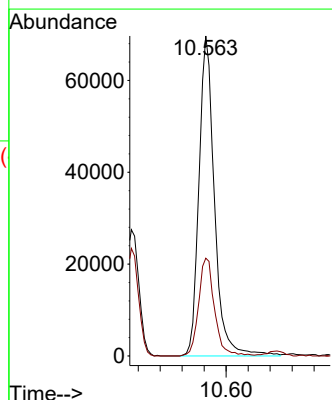
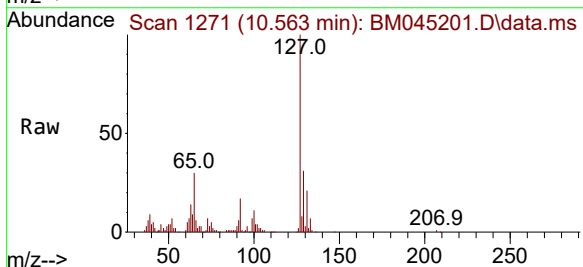
Acq: 13 Apr 2024 10:31

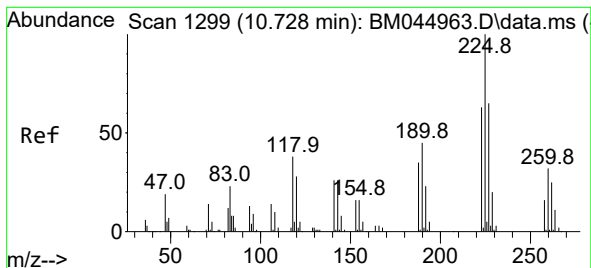
Tgt Ion:127 Resp: 136814

Ion Ratio Lower Upper

127 100

129 30.6 26.2 39.2





#33

Hexachlorobutadiene

Concen: 31.982 ng/ul

RT: 10.692 min Scan# 11

Delta R.T. -0.012 min

Lab File: BM045201.D

Acq: 13 Apr 2024 10:31

Instrument :

BNA_M

ClientSampleId :

SLCS136

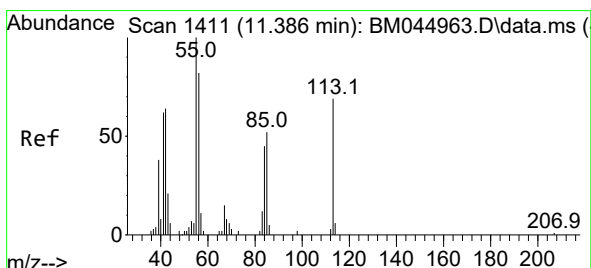
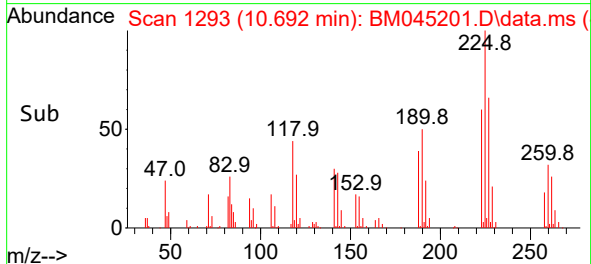
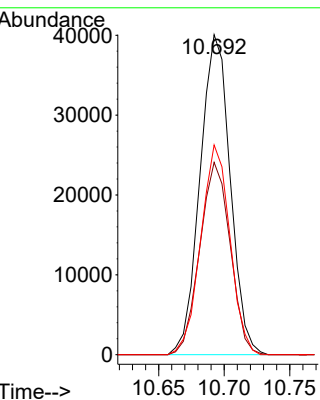
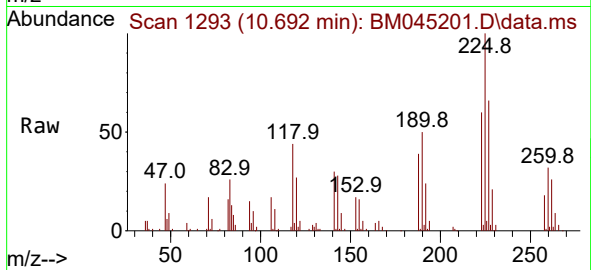
Tgt Ion:225 Resp: 64125

Ion Ratio Lower Upper

225 100

223 57.0 45.3 67.9

227 62.2 47.6 71.4



#34

Caprolactam

Concen: 26.232 ng/ul

RT: 11.369 min Scan# 1408

Delta R.T. 0.000 min

Lab File: BM045201.D

Acq: 13 Apr 2024 10:31

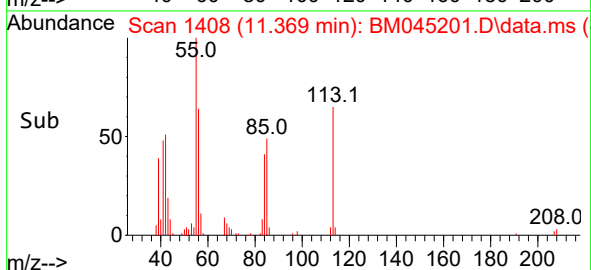
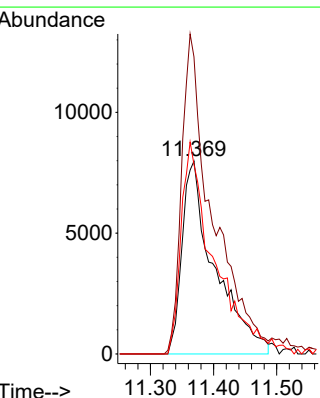
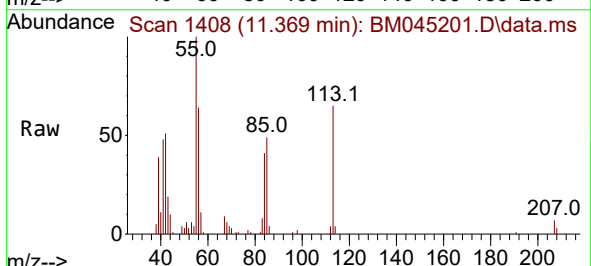
Tgt Ion:113 Resp: 28559

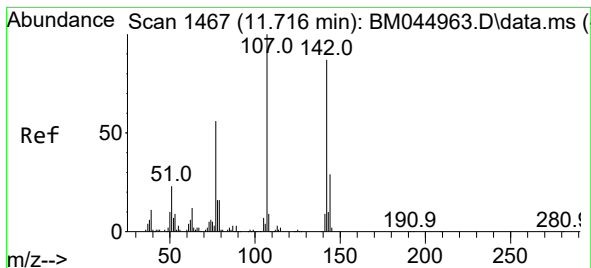
Ion Ratio Lower Upper

113 100

55 154.0 125.4 188.0

56 98.2 91.8 137.8

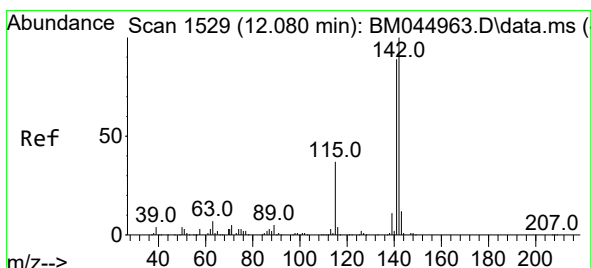
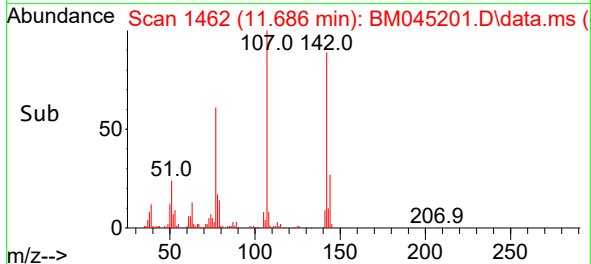
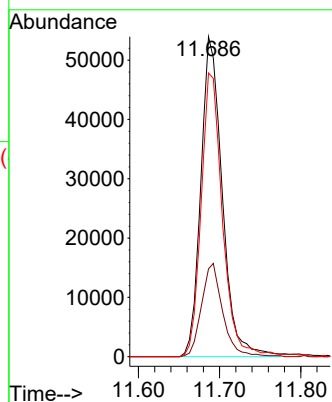
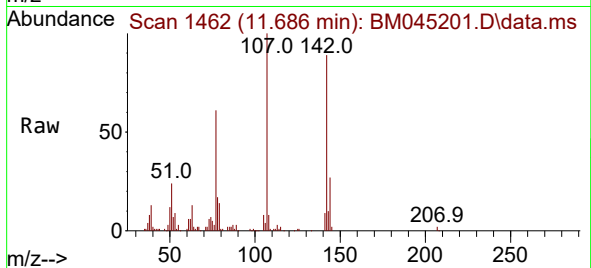




#35
4-Chloro-3-methylphenol
Concen: 30.912 ng/ul
RT: 11.686 min Scan# 1462
Delta R.T. -0.018 min
Lab File: BM045201.D
Acq: 13 Apr 2024 10:31

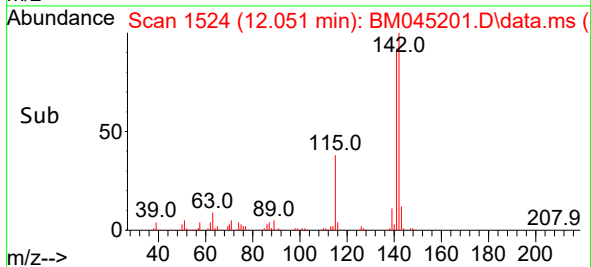
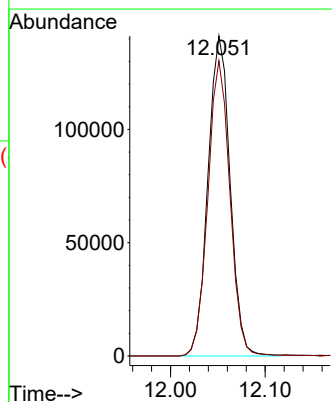
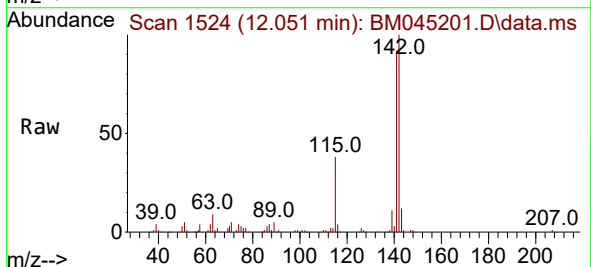
Instrument :
BNA_M
ClientSampleId :
SLCS136

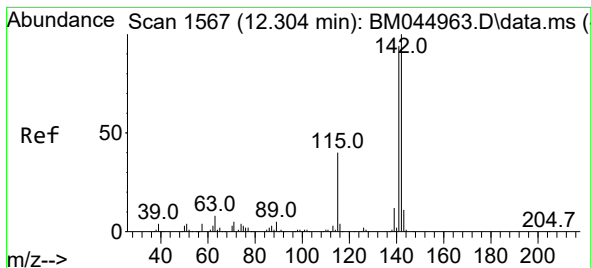
Tgt Ion:107 Resp: 99094
Ion Ratio Lower Upper
107 100
144 27.5 22.8 34.2
142 88.7 69.8 104.6



#36
2-Methylnaphthalene
Concen: 30.907 ng/ul
RT: 12.051 min Scan# 1524
Delta R.T. -0.012 min
Lab File: BM045201.D
Acq: 13 Apr 2024 10:31

Tgt Ion:142 Resp: 229382
Ion Ratio Lower Upper
142 100
141 92.3 72.3 108.5





#37

1-Methylnaphthalene

Concen: 31.484 ng/ul

RT: 12.275 min Scan# 1

Delta R.T. -0.012 min

Lab File: BM045201.D

Acq: 13 Apr 2024 10:31

Instrument :

BNA_M

ClientSampleId :

SLCS136

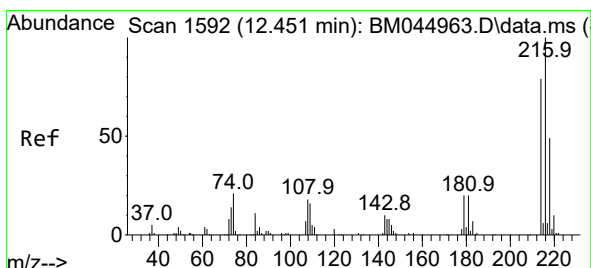
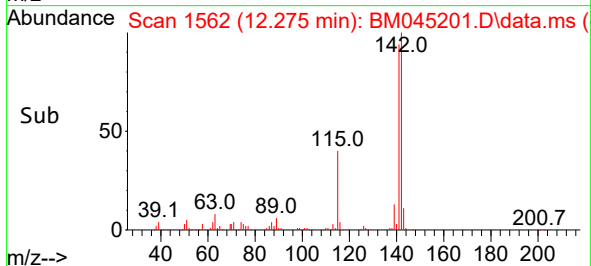
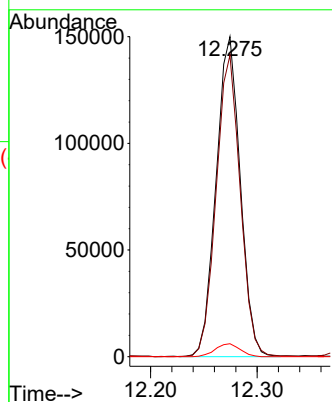
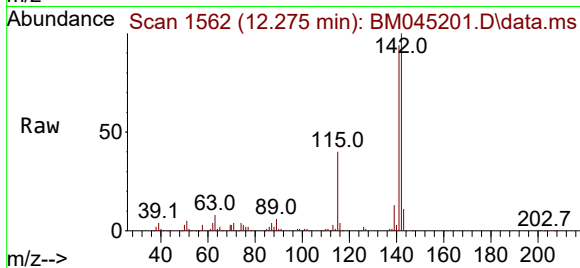
Tgt Ion:142 Resp: 236458

Ion Ratio Lower Upper

142 100

141 94.2 77.2 115.8

116 4.0 3.2 4.8



#39

1,2,4,5-Tetrachlorobenzene

Concen: 34.335 ng/ul

RT: 12.422 min Scan# 1587

Delta R.T. -0.012 min

Lab File: BM045201.D

Acq: 13 Apr 2024 10:31

Tgt Ion:216 Resp: 115870

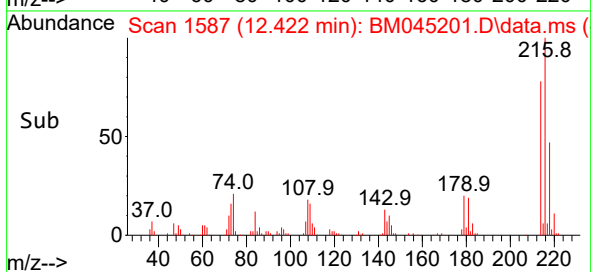
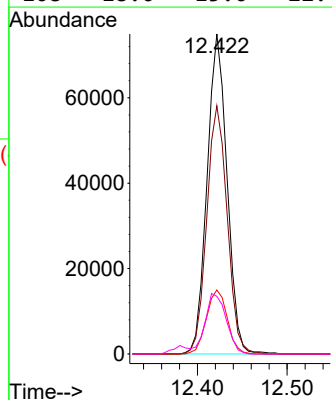
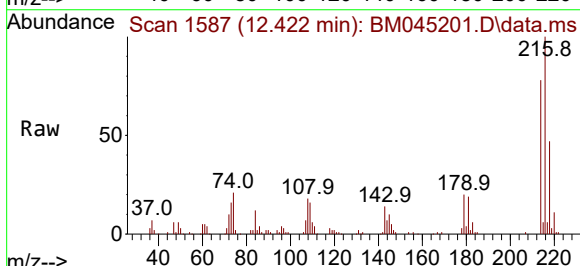
Ion Ratio Lower Upper

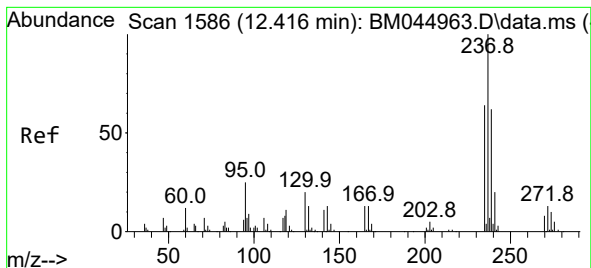
216 100

214 77.6 63.5 95.3

179 20.0 16.6 25.0

108 18.0 15.0 22.4





#40

Hexachlorocyclopentadiene

Concen: 25.218 ng/ul

RT: 12.380 min Scan# 1

Delta R.T. -0.018 min

Lab File: BM045201.D

Acq: 13 Apr 2024 10:31

Instrument :

BNA_M

ClientSampleId :

SLCS136

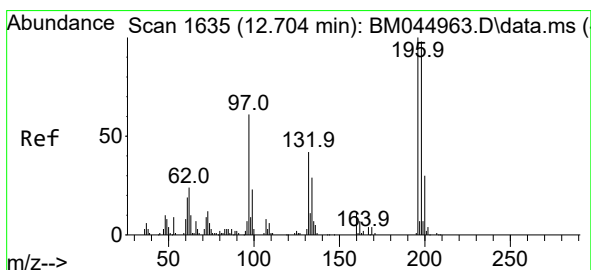
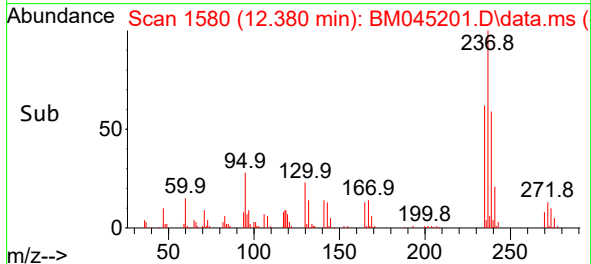
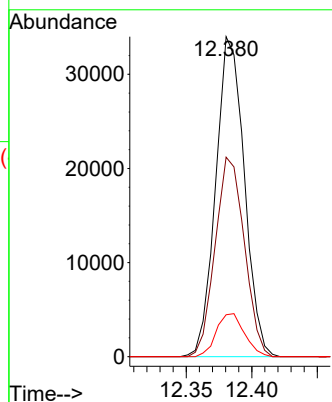
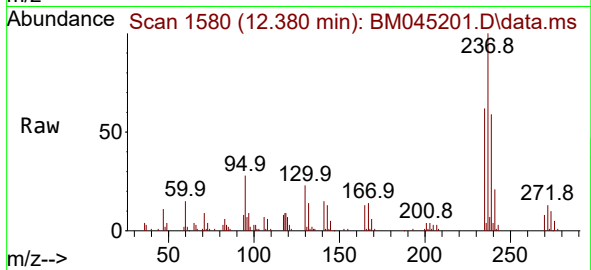
Tgt Ion:237 Resp: 51517

Ion Ratio Lower Upper

237 100

235 62.4 51.3 76.9

272 13.7 10.1 15.1



#41

2,4,6-Trichlorophenol

Concen: 34.108 ng/ul

RT: 12.680 min Scan# 1631

Delta R.T. -0.006 min

Lab File: BM045201.D

Acq: 13 Apr 2024 10:31

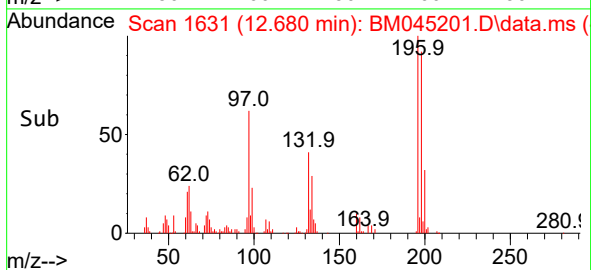
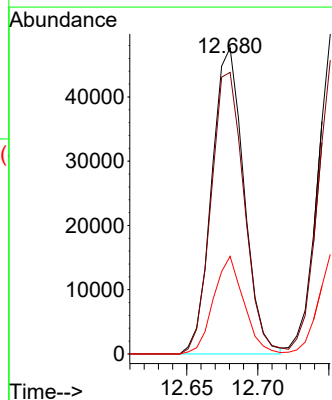
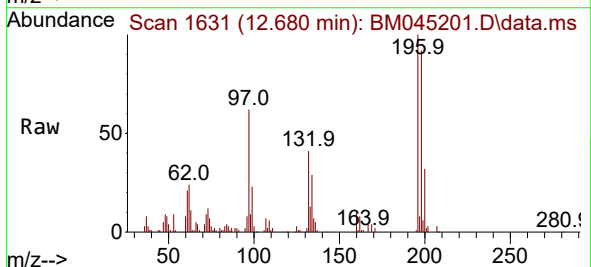
Tgt Ion:196 Resp: 75087

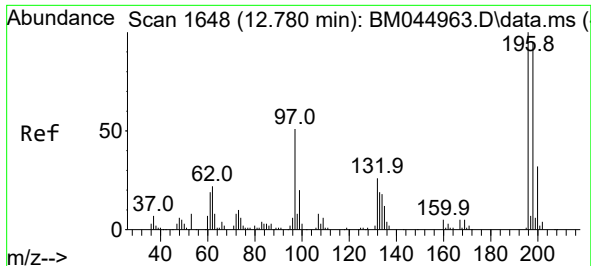
Ion Ratio Lower Upper

196 100

198 92.0 79.4 119.2

200 31.9 25.0 37.4

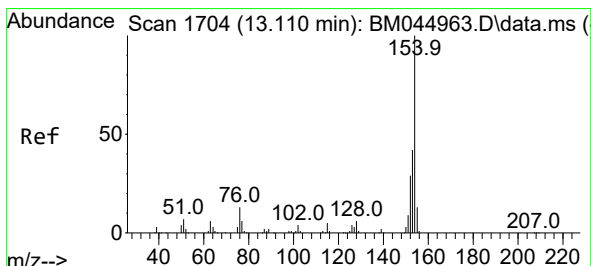
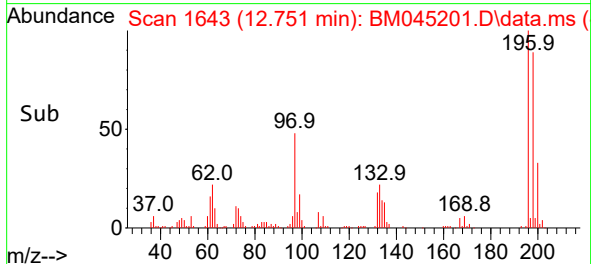
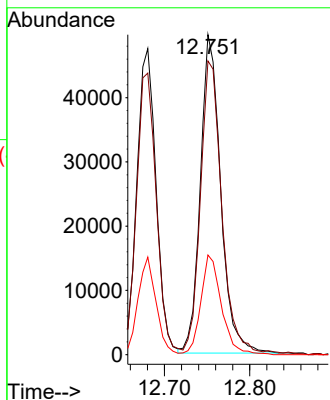
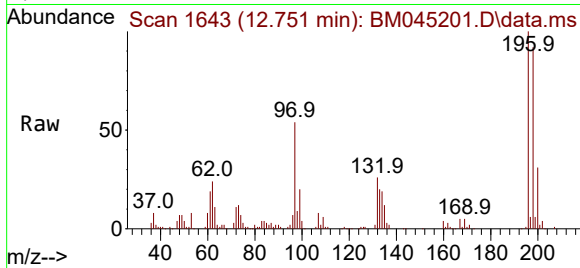




#42
2,4,5-Trichlorophenol
Concen: 33.940 ng/ul
RT: 12.751 min Scan# 1
Delta R.T. -0.012 min
Lab File: BM045201.D
Acq: 13 Apr 2024 10:31

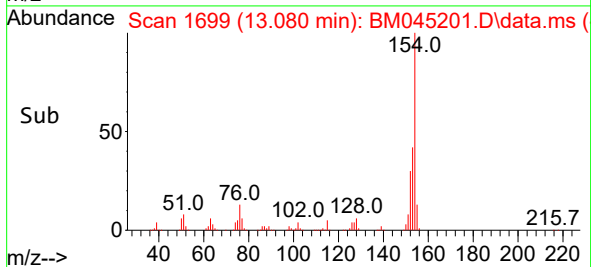
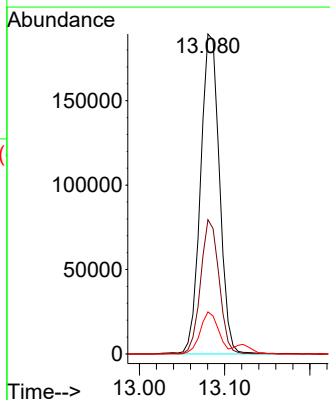
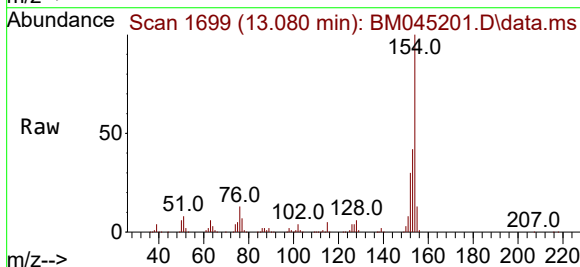
Instrument :
BNA_M
ClientSampleId :
SLCS136

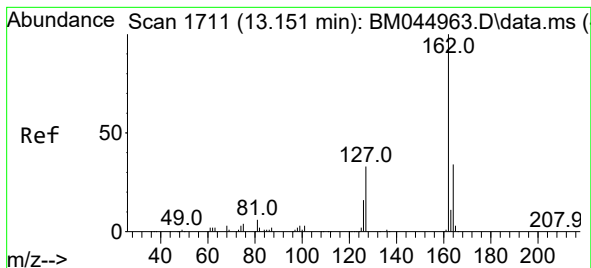
Tgt Ion:196 Resp: 82324
Ion Ratio Lower Upper
196 100
198 91.8 79.9 119.9
200 31.1 25.6 38.4



#43
1,1'-Biphenyl
Concen: 33.538 ng/ul
RT: 13.080 min Scan# 1699
Delta R.T. -0.012 min
Lab File: BM045201.D
Acq: 13 Apr 2024 10:31

Tgt Ion:154 Resp: 292239
Ion Ratio Lower Upper
154 100
153 42.0 31.6 47.4
76 13.1 10.4 15.6





#44

2-Chloronaphthalene

Concen: 32.824 ng/ul

RT: 13.122 min Scan# 1

Delta R.T. -0.012 min

Lab File: BM045201.D

Acq: 13 Apr 2024 10:31

Instrument :

BNA_M

ClientSampleId :

SLCS136

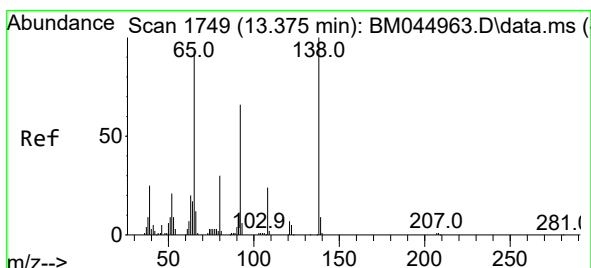
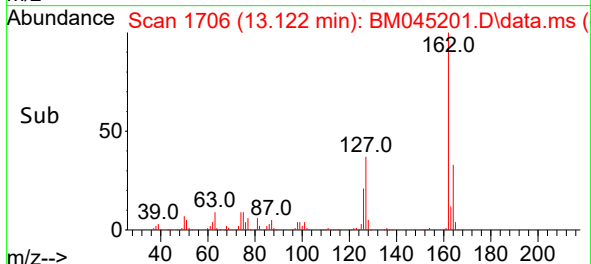
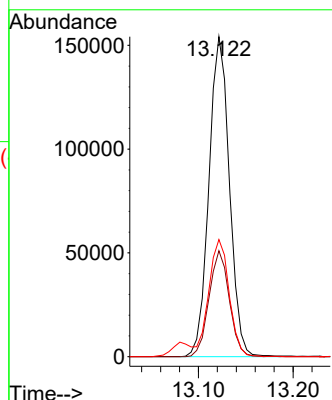
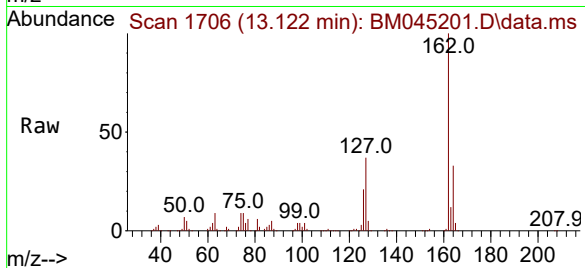
Tgt Ion:162 Resp: 232376

Ion Ratio Lower Upper

162 100

164 33.1 26.1 39.1

127 36.6 30.1 45.1



#45

2-Nitroaniline

Concen: 32.744 ng/ul

RT: 13.357 min Scan# 1746

Delta R.T. -0.006 min

Lab File: BM045201.D

Acq: 13 Apr 2024 10:31

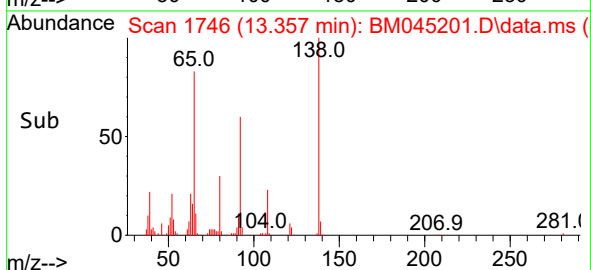
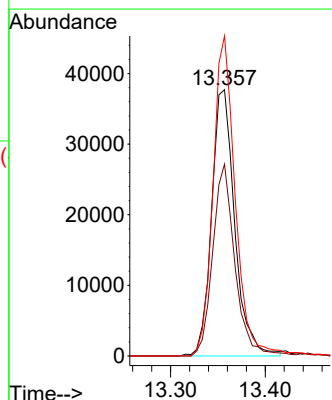
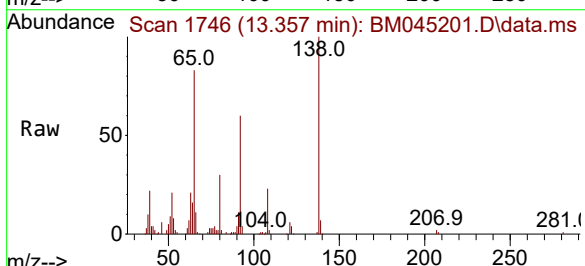
Tgt Ion: 65 Resp: 63989

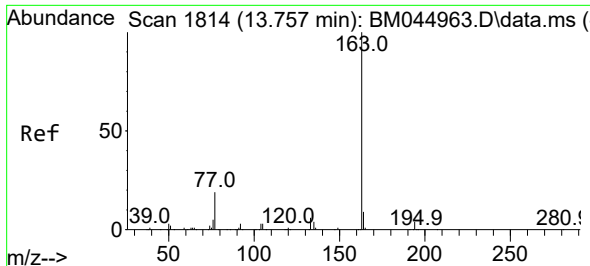
Ion Ratio Lower Upper

65 100

92 72.1 55.2 82.8

138 120.2 93.0 139.4

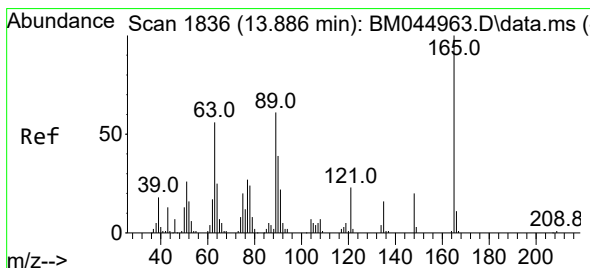
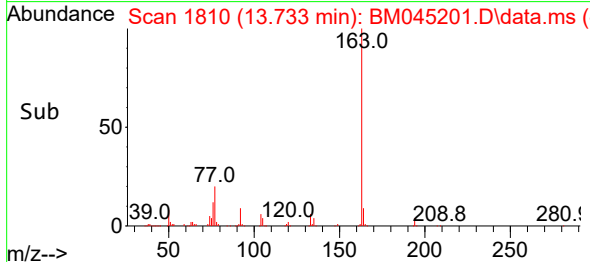
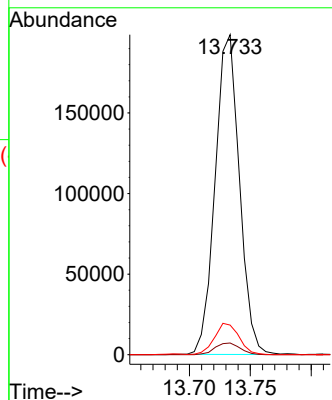
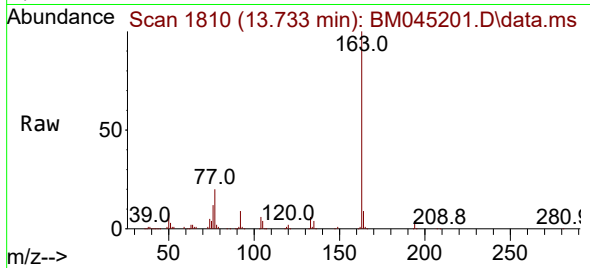




#47
Dimethylphthalate
Concen: 30.635 ng/ul
RT: 13.733 min Scan# 1810
Delta R.T. -0.006 min
Lab File: BM045201.D
Acq: 13 Apr 2024 10:31

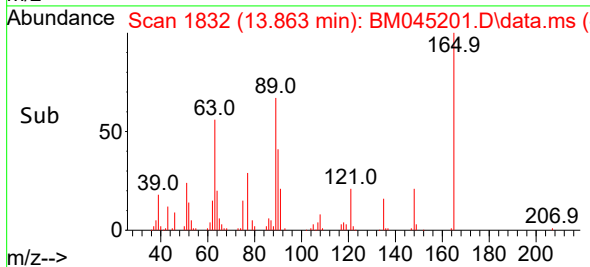
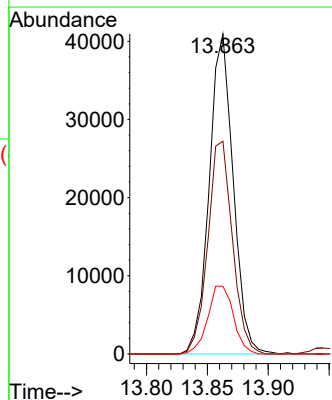
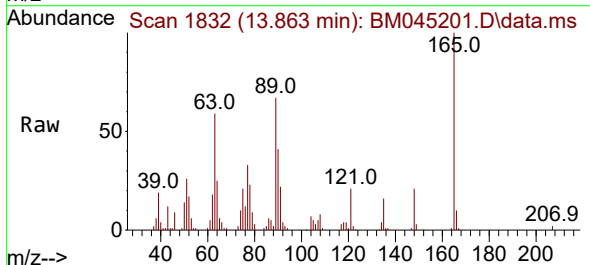
Instrument :
BNA_M
ClientSampleId :
SLCS136

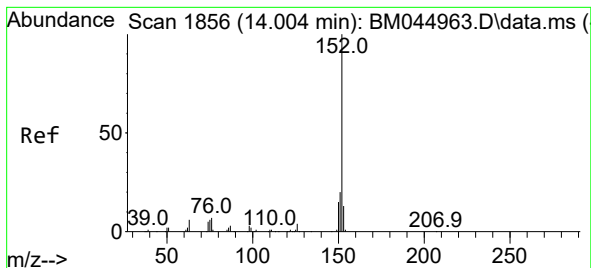
Tgt Ion:163 Resp: 275115
Ion Ratio Lower Upper
163 100
194 3.6 2.8 4.2
164 9.3 7.8 11.8



#48
2,6-Dinitrotoluene
Concen: 31.813 ng/ul
RT: 13.863 min Scan# 1832
Delta R.T. -0.006 min
Lab File: BM045201.D
Acq: 13 Apr 2024 10:31

Tgt Ion:165 Resp: 55997
Ion Ratio Lower Upper
165 100
89 66.5 45.0 67.4
121 21.1 18.0 27.0





#50

Acenaphthylene

Concen: 31.221 ng/ul

RT: 13.974 min Scan# 1851

Delta R.T. -0.012 min

Lab File: BM045201.D

Acq: 13 Apr 2024 10:31

Instrument :

BNA_M

ClientSampleId :

SLCS136

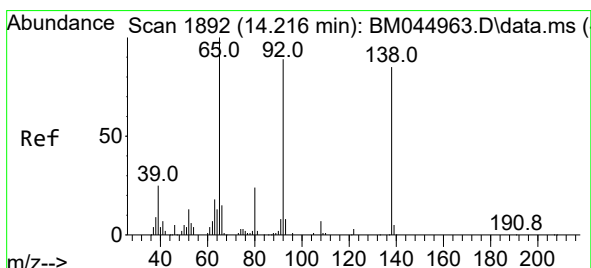
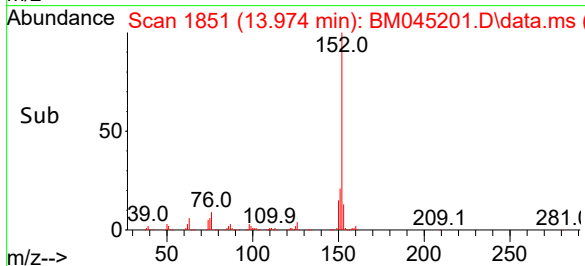
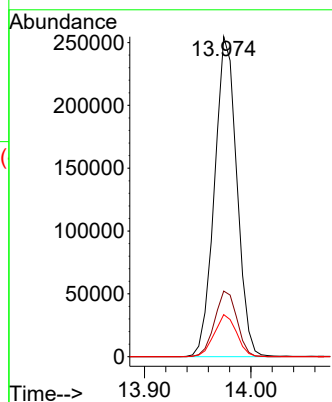
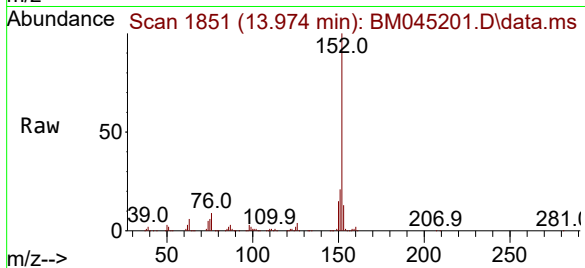
Tgt Ion:152 Resp: 370117

Ion Ratio Lower Upper

152 100

151 20.5 16.0 24.0

153 13.2 10.2 15.2



#51

3-Nitroaniline

Concen: 30.183 ng/ul

RT: 14.192 min Scan# 1888

Delta R.T. -0.012 min

Lab File: BM045201.D

Acq: 13 Apr 2024 10:31

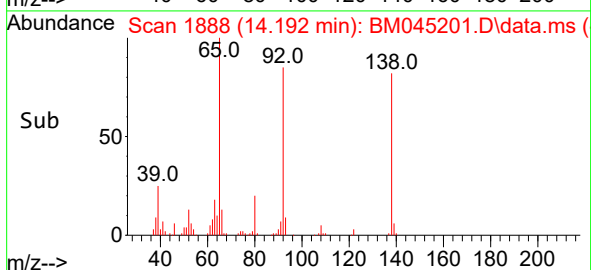
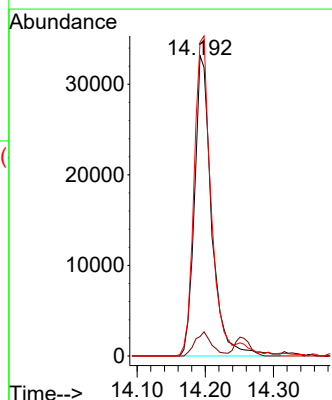
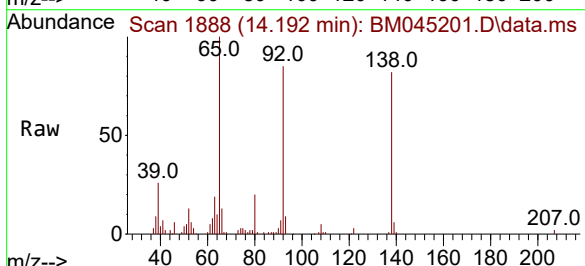
Tgt Ion:138 Resp: 57951

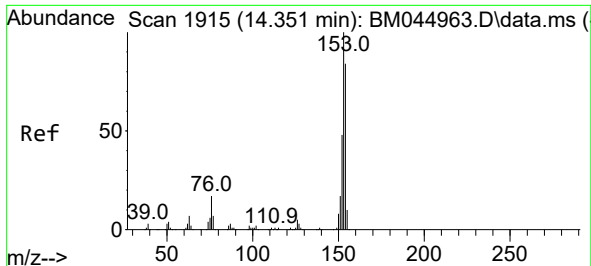
Ion Ratio Lower Upper

138 100

108 6.4 6.5 9.7#

92 104.5 81.4 122.0

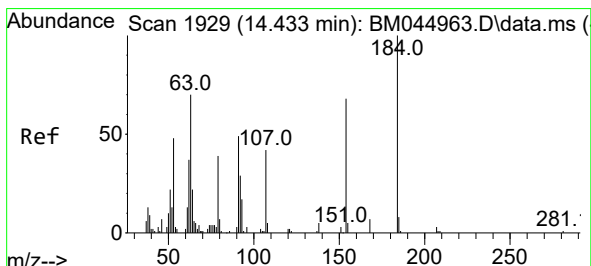
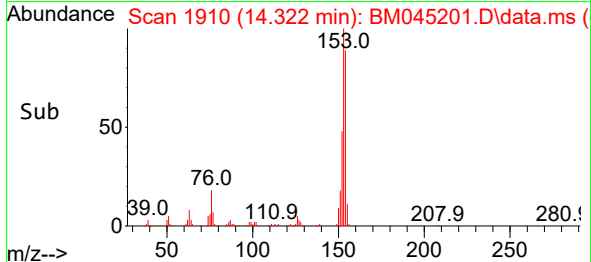
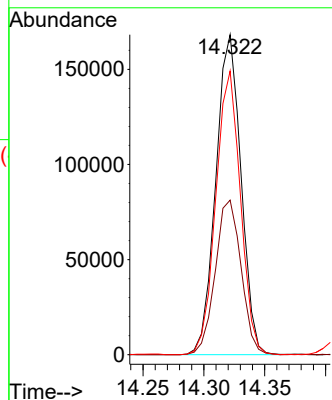
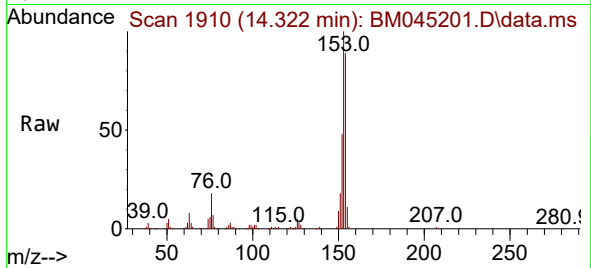




#52
Acenaphthene
Concen: 30.627 ng/ul
RT: 14.322 min Scan# 1910
Delta R.T. -0.006 min
Lab File: BM045201.D
Acq: 13 Apr 2024 10:31

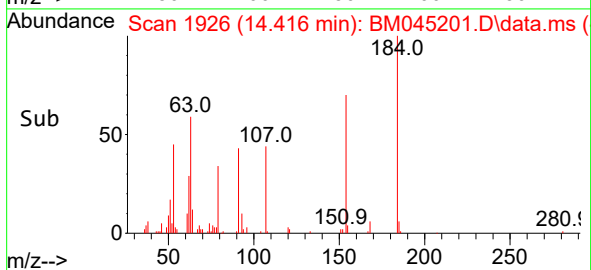
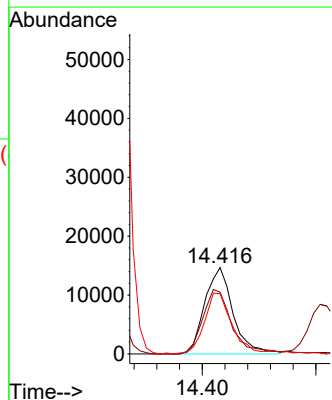
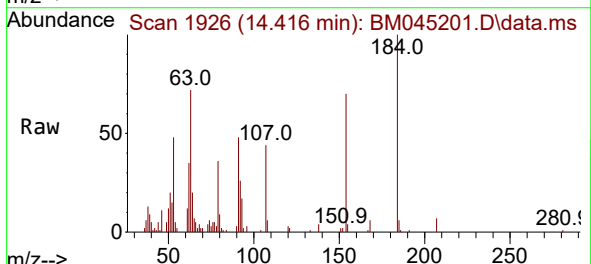
Instrument :
BNA_M
ClientSampleId :
SLCS136

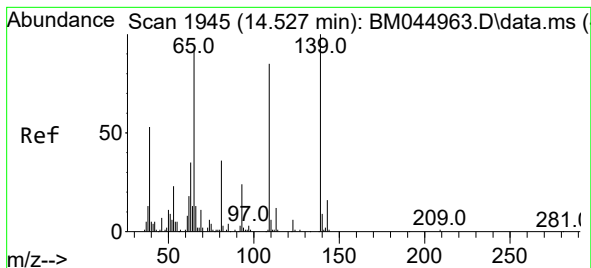
Tgt Ion:153 Resp: 242269
Ion Ratio Lower Upper
153 100
152 48.3 38.6 58.0
154 88.6 69.4 104.2



#53
2,4-Dinitrophenol
Concen: 24.254 ng/ul
RT: 14.416 min Scan# 1926
Delta R.T. 0.000 min
Lab File: BM045201.D
Acq: 13 Apr 2024 10:31

Tgt Ion:184 Resp: 25382
Ion Ratio Lower Upper
184 100
63 71.5 56.9 85.3
154 69.8 50.3 75.5

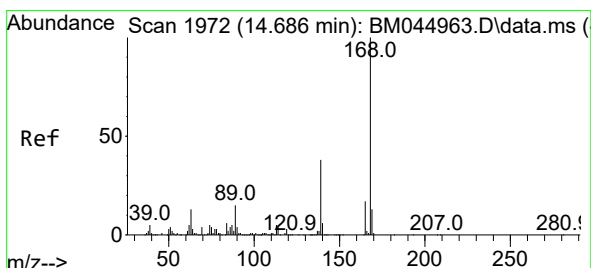
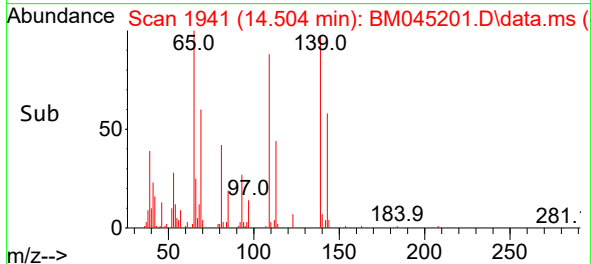
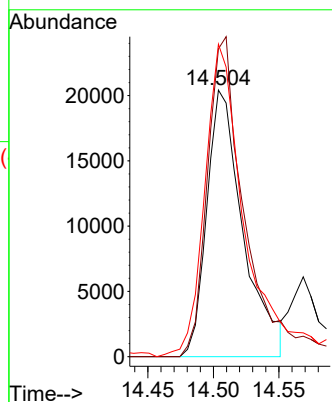
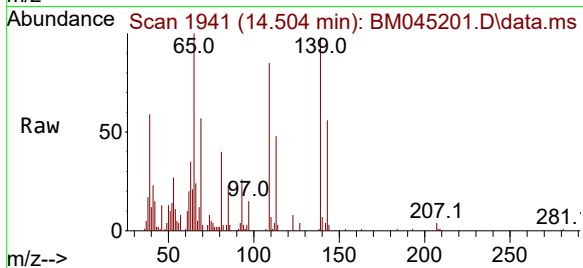




#55
4-Nitrophenol
Concen: 24.871 ng/ul
RT: 14.504 min Scan# 1941
Delta R.T. -0.012 min
Lab File: BM045201.D
Acq: 13 Apr 2024 10:31

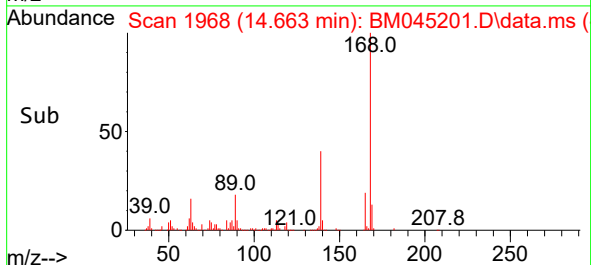
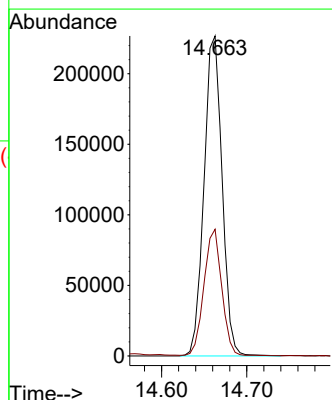
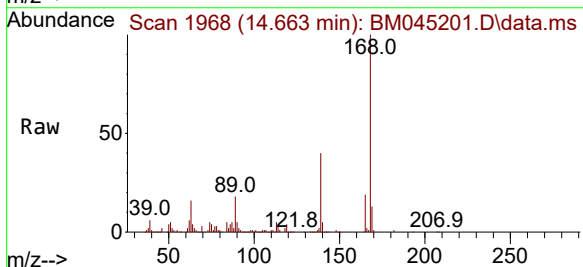
Instrument :
BNA_M
ClientSampleId :
SLCS136

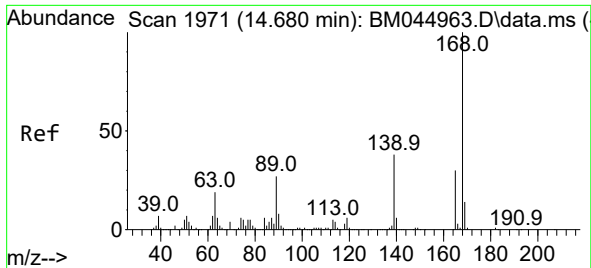
Tgt Ion:109 Resp: 39221
Ion Ratio Lower Upper
109 100
139 115.4 107.7 161.5
65 117.2 96.3 144.5



#56
Dibenzofuran
Concen: 30.871 ng/ul
RT: 14.663 min Scan# 1968
Delta R.T. -0.006 min
Lab File: BM045201.D
Acq: 13 Apr 2024 10:31

Tgt Ion:168 Resp: 334165
Ion Ratio Lower Upper
168 100
139 39.6 30.6 46.0

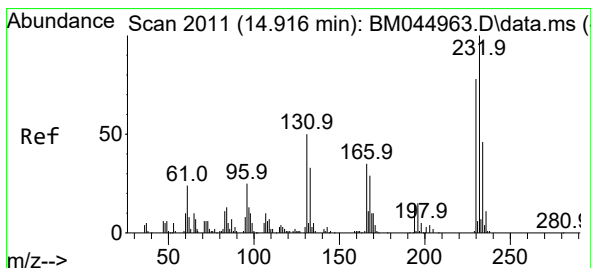
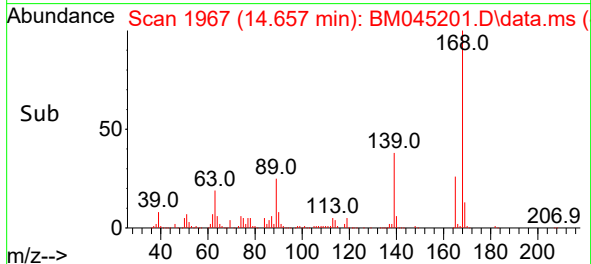
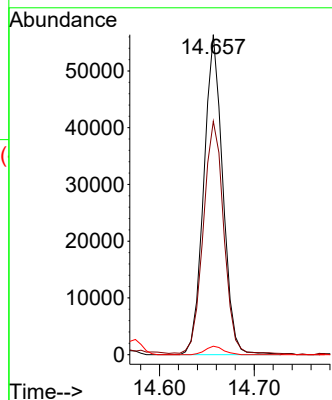
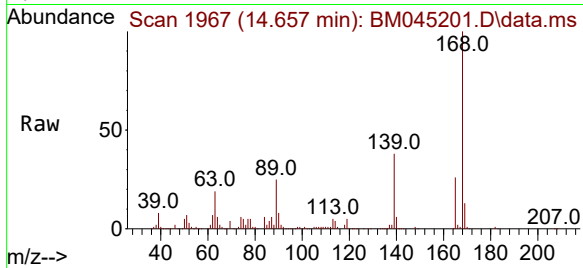




#57
2,4-Dinitrotoluene
Concen: 29.754 ng/ul
RT: 14.657 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM045201.D
Acq: 13 Apr 2024 10:31

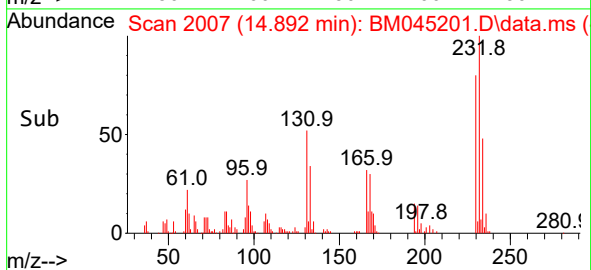
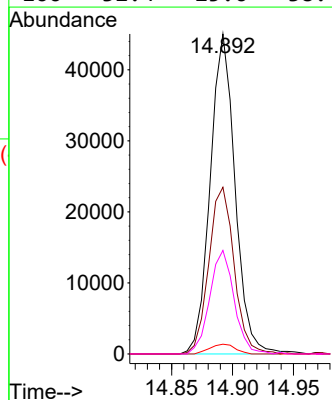
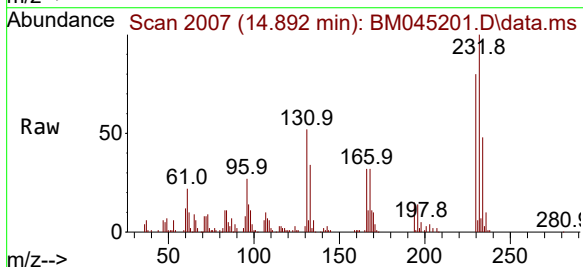
Instrument :
BNA_M
ClientSampleId :
SLCS136

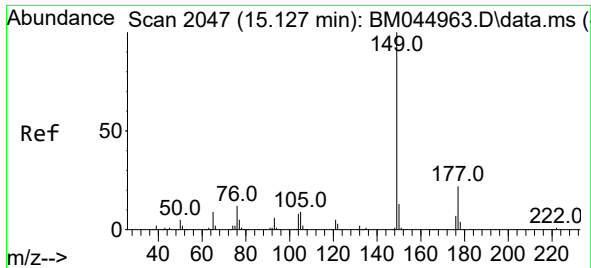
Tgt Ion:165 Resp: 78394
Ion Ratio Lower Upper
165 100
63 72.9 52.0 78.0
182 2.6 2.3 3.5



#58
2,3,4,6-Tetrachlorophenol
Concen: 30.762 ng/ul
RT: 14.892 min Scan# 2007
Delta R.T. -0.006 min
Lab File: BM045201.D
Acq: 13 Apr 2024 10:31

Tgt Ion:232 Resp: 63860
Ion Ratio Lower Upper
232 100
131 52.1 43.4 65.0
130 3.1 2.6 4.0
166 32.4 25.6 38.4

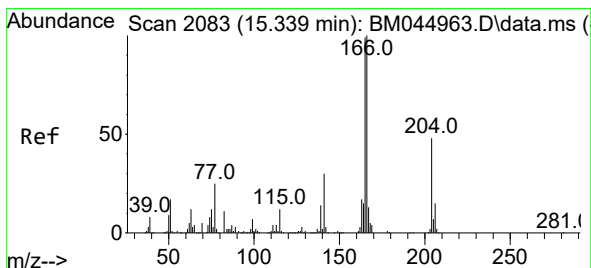
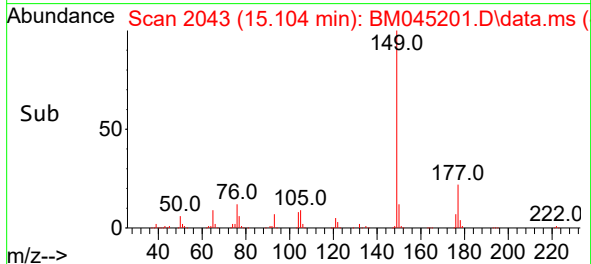
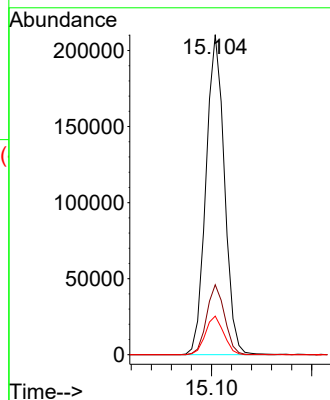
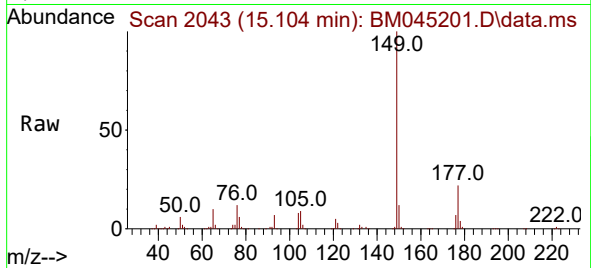




#59
Diethylphthalate
Concen: 29.444 ng/ul
RT: 15.104 min Scan# 2043
Delta R.T. -0.012 min
Lab File: BM045201.D
Acq: 13 Apr 2024 10:31

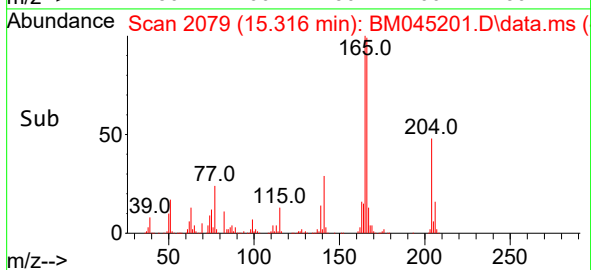
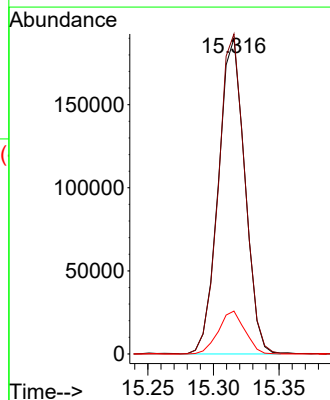
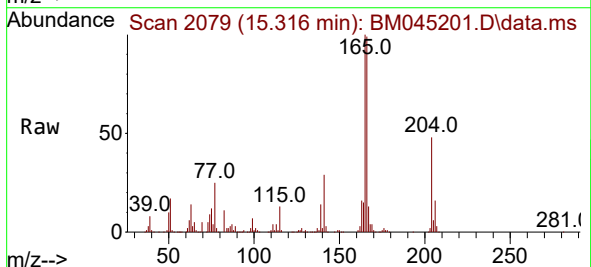
Instrument :
BNA_M
ClientSampleId :
SLCS136

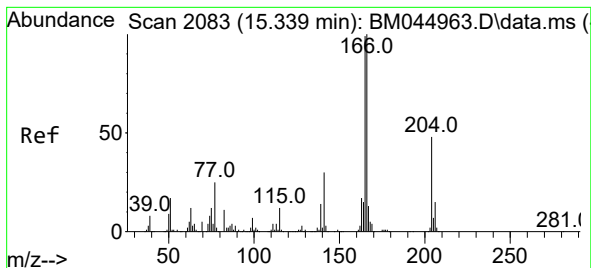
Tgt Ion:149 Resp: 269757
Ion Ratio Lower Upper
149 100
177 21.9 16.4 24.6
150 12.1 10.3 15.5



#61
Fluorene
Concen: 29.169 ng/ul
RT: 15.316 min Scan# 2079
Delta R.T. -0.006 min
Lab File: BM045201.D
Acq: 13 Apr 2024 10:31

Tgt Ion:166 Resp: 266126
Ion Ratio Lower Upper
166 100
165 101.4 80.5 120.7
167 13.6 11.0 16.6

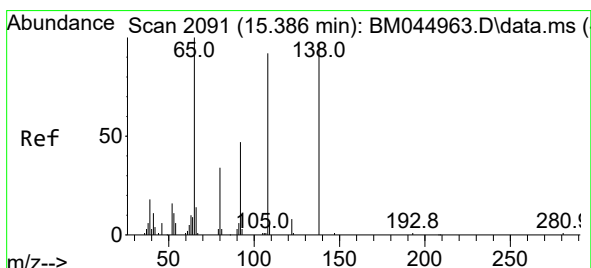
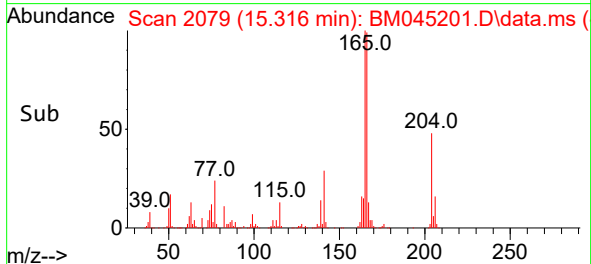
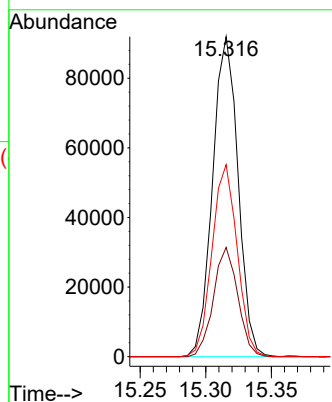
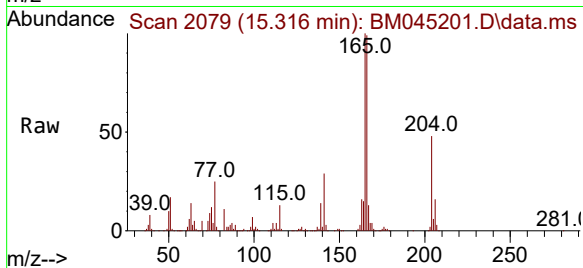




#62
4-Chlorophenyl-phenylether
Concen: 29.014 ng/ul
RT: 15.316 min Scan# 2083
Delta R.T. -0.006 min
Lab File: BM045201.D
Acq: 13 Apr 2024 10:31

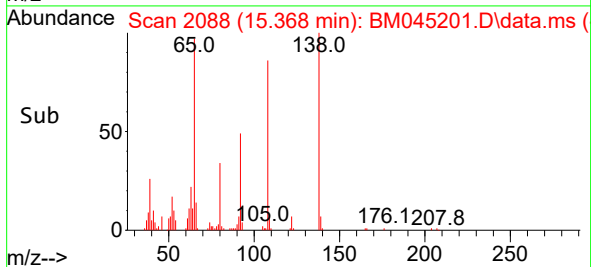
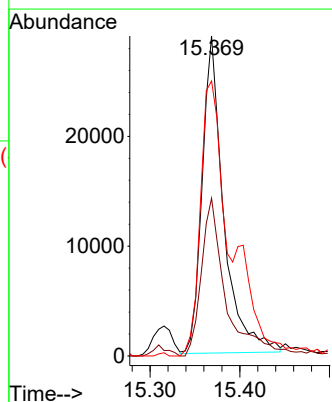
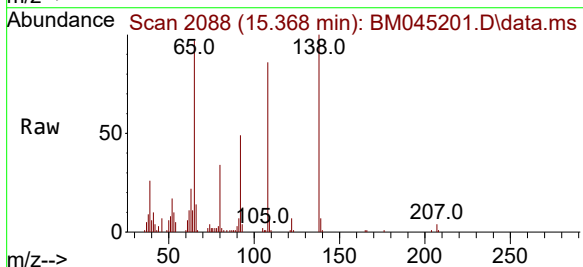
Instrument :
BNA_M
ClientSampleId :
SLCS136

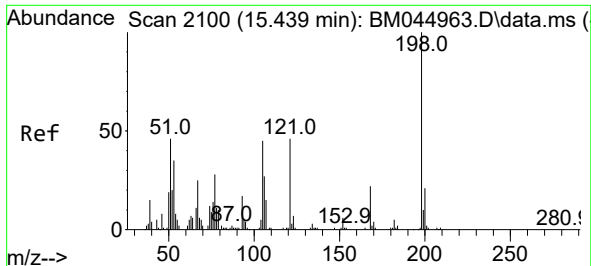
Tgt Ion:204 Resp: 124072
Ion Ratio Lower Upper
204 100
206 34.1 24.9 37.3
141 60.0 46.2 69.2



#63
4-Nitroaniline
Concen: 27.499 ng/ul
RT: 15.368 min Scan# 2088
Delta R.T. -0.006 min
Lab File: BM045201.D
Acq: 13 Apr 2024 10:31

Tgt Ion:138 Resp: 48002
Ion Ratio Lower Upper
138 100
92 49.3 39.8 59.6
108 85.9 66.4 99.6

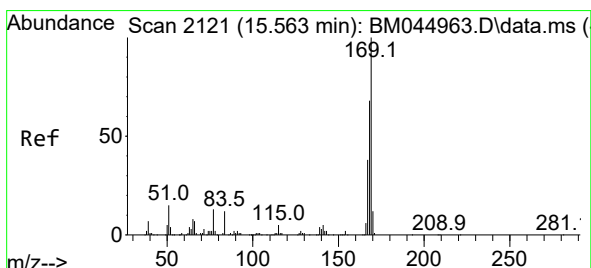
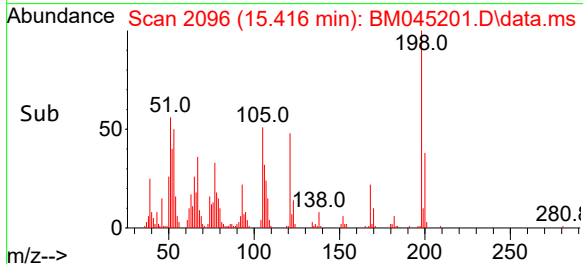
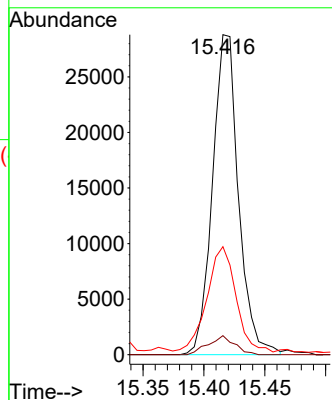
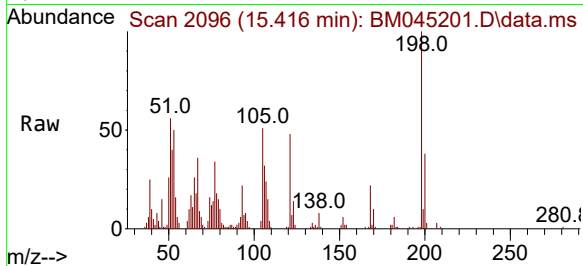




#66
 4,6-Dinitro-2-methylphenol
 Concen: 29.192 ng/ul
 RT: 15.416 min Scan# 2096
 Delta R.T. -0.012 min
 Lab File: BM045201.D
 Acq: 13 Apr 2024 10:31

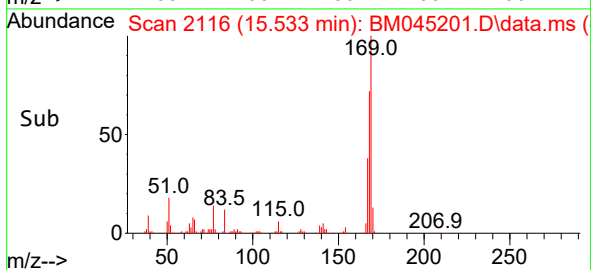
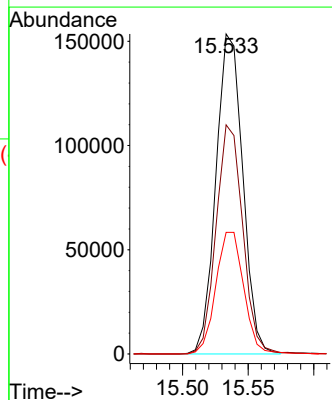
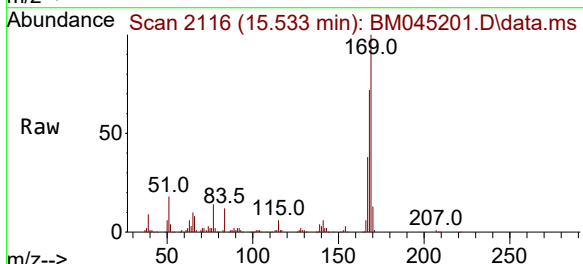
Instrument :
 BNA_M
 ClientSampleId :
 SLCS136

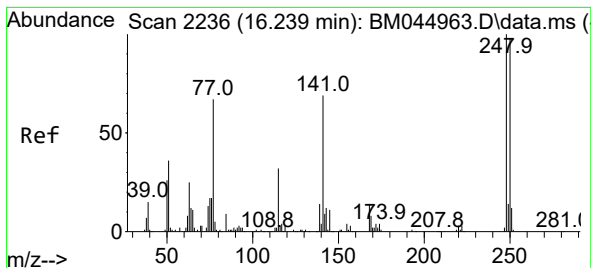
Tgt Ion:198 Resp: 42829
 Ion Ratio Lower Upper
 198 100
 182 5.9 3.8 5.6#
 77 33.7 24.6 37.0



#67
 N-Nitrosodiphenylamine
 Concen: 35.047 ng/ul
 RT: 15.533 min Scan# 2116
 Delta R.T. -0.012 min
 Lab File: BM045201.D
 Acq: 13 Apr 2024 10:31

Tgt Ion:169 Resp: 218451
 Ion Ratio Lower Upper
 169 100
 168 71.6 56.7 85.1
 167 38.0 31.2 46.8

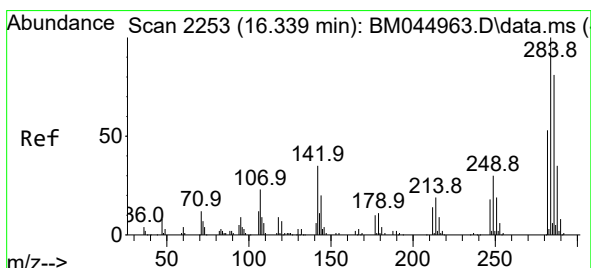
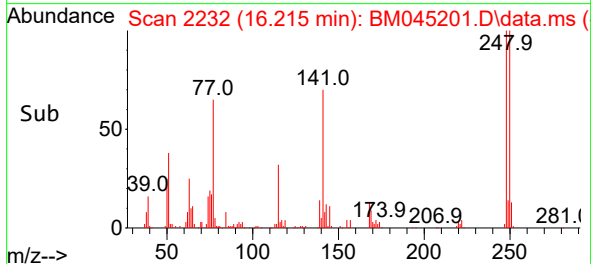
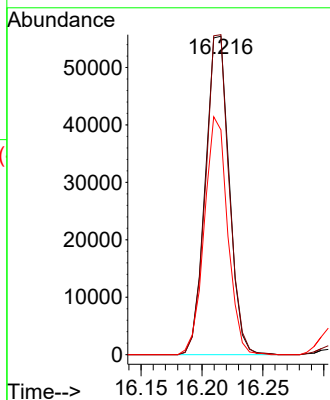
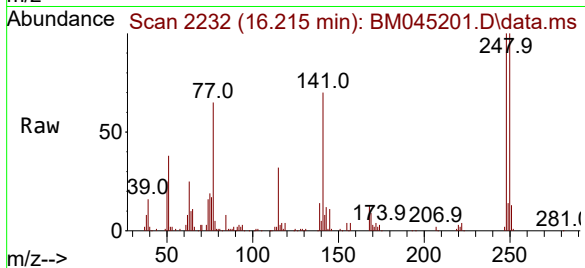




#68
4-Bromophenyl-phenylether
Concen: 33.666 ng/ul
RT: 16.215 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM045201.D
Acq: 13 Apr 2024 10:31

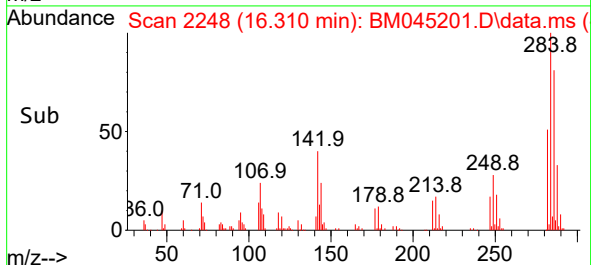
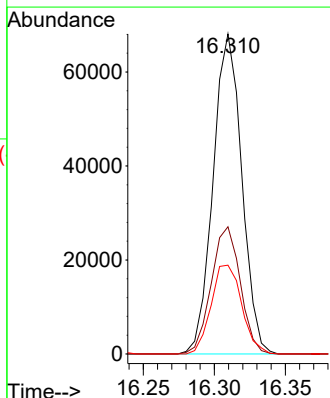
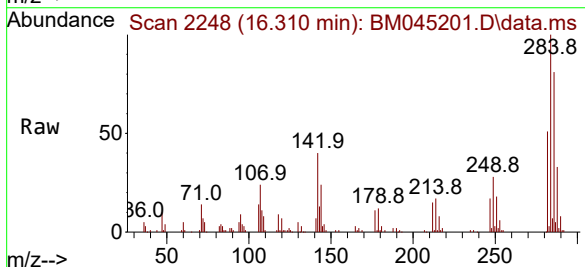
Instrument :
BNA_M
ClientSampleId :
SLCS136

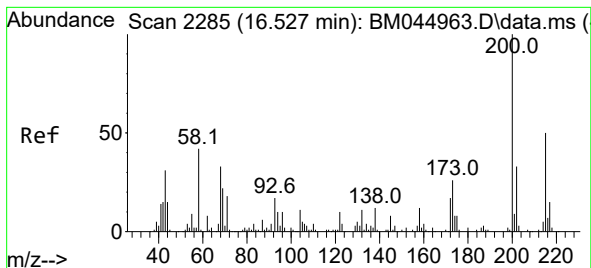
Tgt Ion:248 Resp: 75761
Ion Ratio Lower Upper
248 100
250 100.5 81.0 121.6
141 70.6 55.1 82.7



#69
Hexachlorobenzene
Concen: 32.706 ng/ul
RT: 16.310 min Scan# 2248
Delta R.T. -0.006 min
Lab File: BM045201.D
Acq: 13 Apr 2024 10:31

Tgt Ion:284 Resp: 95740
Ion Ratio Lower Upper
284 100
142 39.8 27.3 40.9
249 27.7 23.6 35.4





#70

Atrazine

Concen: 30.776 ng/ul

RT: 16.504 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM045201.D

Acq: 13 Apr 2024 10:31

Instrument :

BNA_M

ClientSampleId :

SLCS136

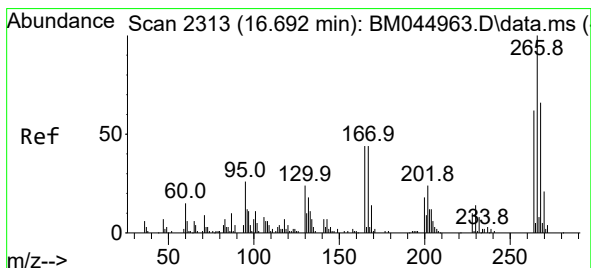
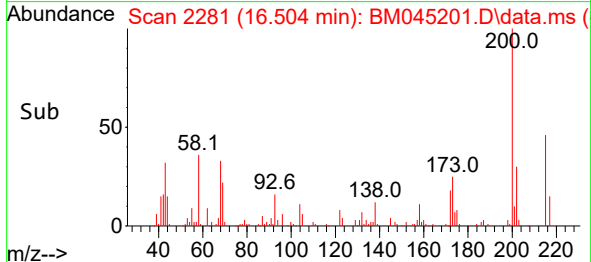
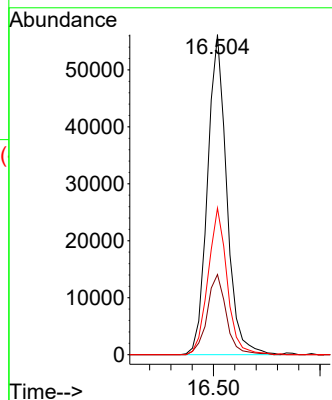
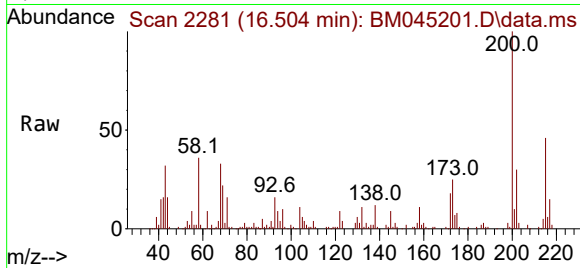
Tgt Ion:200 Resp: 70564

Ion Ratio Lower Upper

200 100

173 25.1 20.3 30.5

215 45.8 37.9 56.9



#71

Pentachlorophenol

Concen: 29.790 ng/ul

RT: 16.668 min Scan# 2309

Delta R.T. -0.006 min

Lab File: BM045201.D

Acq: 13 Apr 2024 10:31

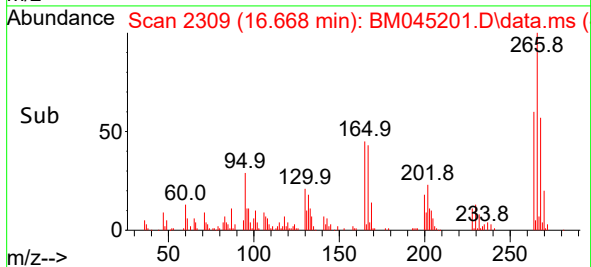
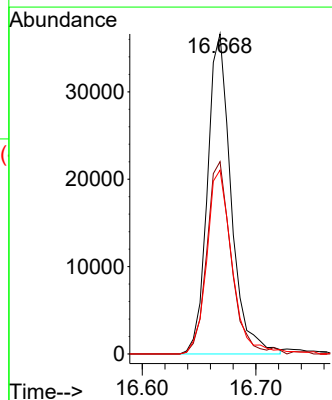
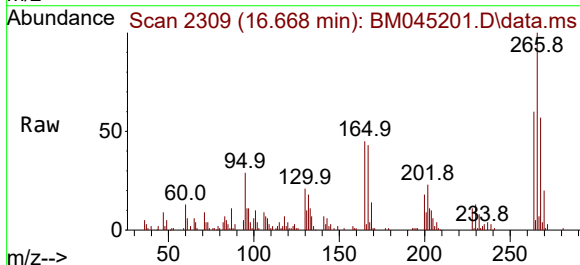
Tgt Ion:266 Resp: 52971

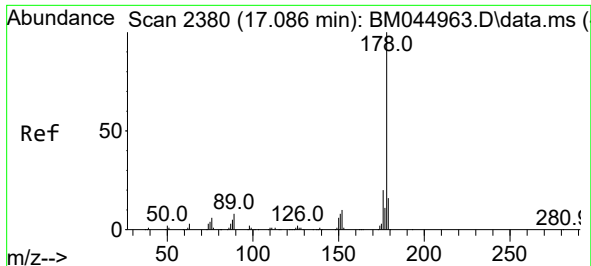
Ion Ratio Lower Upper

266 100

264 60.1 49.3 73.9

268 57.5 53.3 79.9

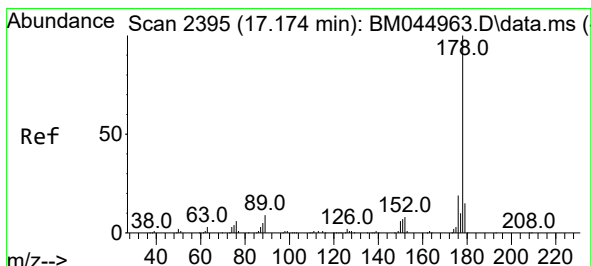
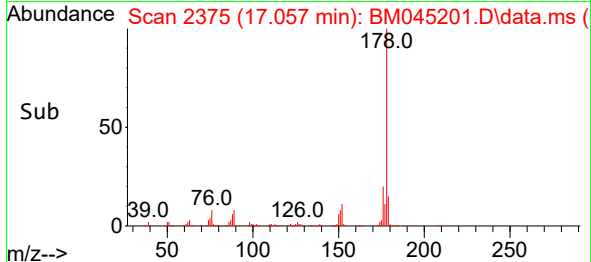
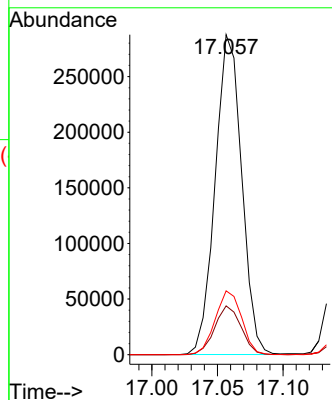
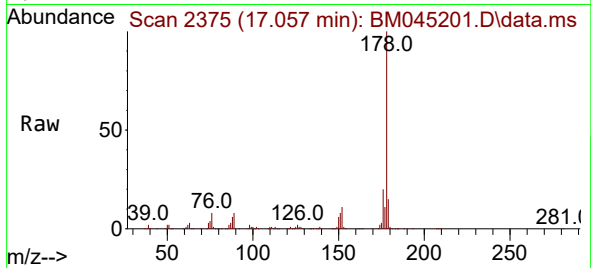




#72
Phenanthrene
Concen: 32.485 ng/ul
RT: 17.057 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM045201.D
Acq: 13 Apr 2024 10:31

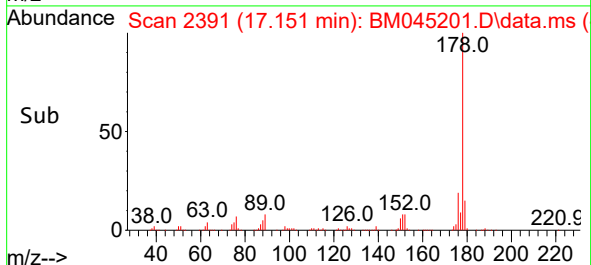
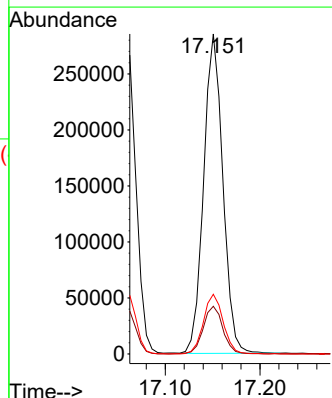
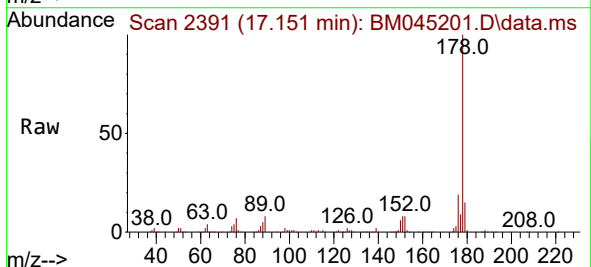
Instrument :
BNA_M
ClientSampleId :
SLCS136

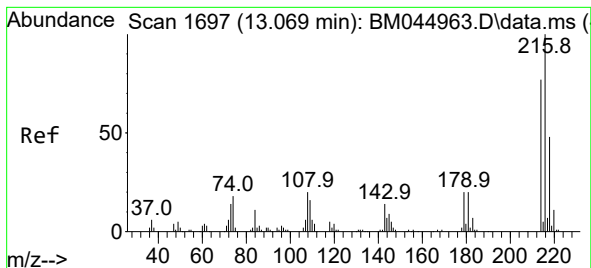
Tgt Ion:178 Resp: 403925
Ion Ratio Lower Upper
178 100
179 15.3 11.9 17.9
176 20.0 15.4 23.2



#74
Anthracene
Concen: 31.588 ng/ul
RT: 17.151 min Scan# 2391
Delta R.T. -0.012 min
Lab File: BM045201.D
Acq: 13 Apr 2024 10:31

Tgt Ion:178 Resp: 401772
Ion Ratio Lower Upper
178 100
179 14.9 12.3 18.5
176 18.7 15.8 23.6

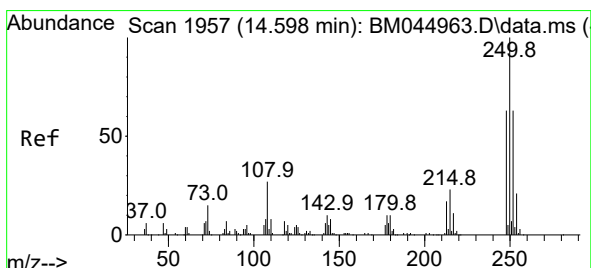
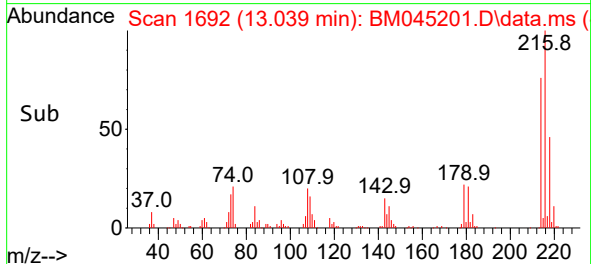
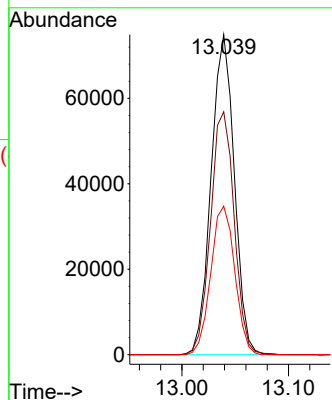
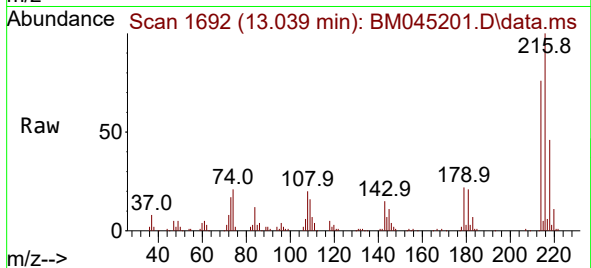




#75
1,2,3,4-Tetrachlorobenzene
Concen: 38.891 ng/uL
RT: 13.039 min Scan# 1692
Delta R.T. -0.006 min
Lab File: BM045201.D
Acq: 13 Apr 2024 10:31

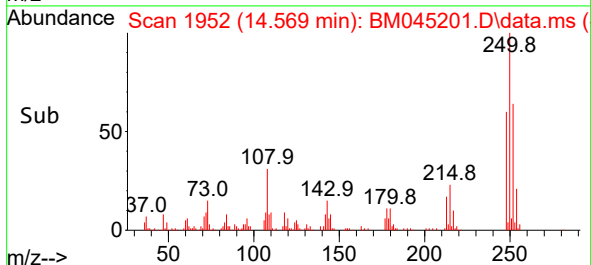
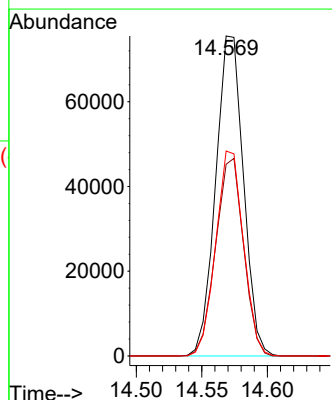
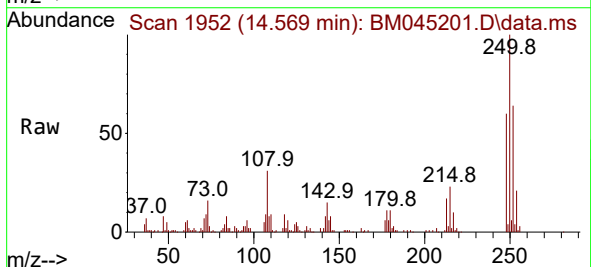
Instrument :
BNA_M
ClientSampleId :
SLCS136

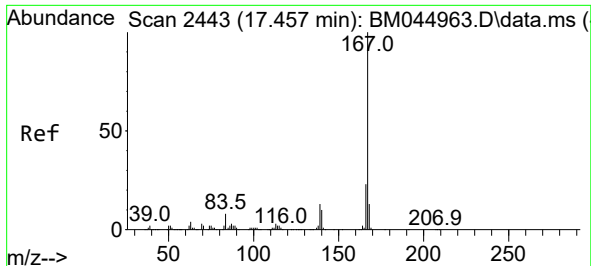
Tgt Ion:216 Resp: 113261
Ion Ratio Lower Upper
216 100
214 75.9 64.1 96.1
218 46.4 38.6 58.0



#76
Pentachlorobenzene
Concen: 35.914 ng/uL
RT: 14.569 min Scan# 1952
Delta R.T. -0.012 min
Lab File: BM045201.D
Acq: 13 Apr 2024 10:31

Tgt Ion:250 Resp: 111282
Ion Ratio Lower Upper
250 100
248 59.9 49.8 74.6
252 64.1 49.4 74.2

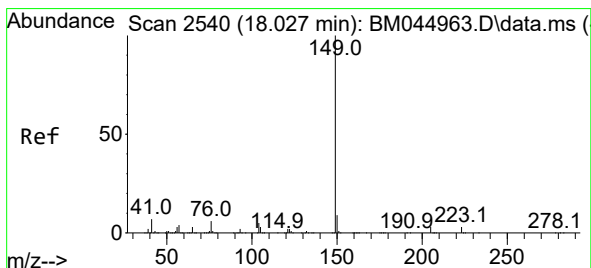
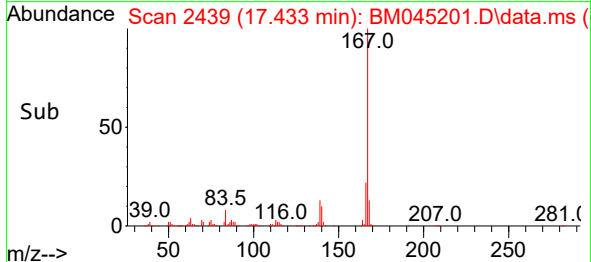
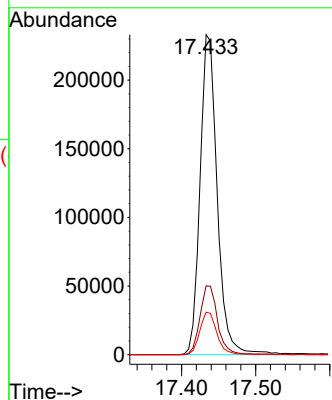
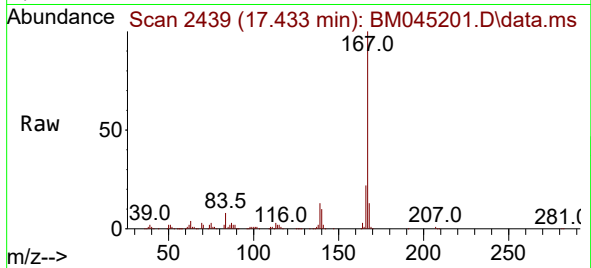




#77
 Carbazole
 Concen: 30.655 ng/ul
 RT: 17.433 min Scan# 2443
 Delta R.T. -0.012 min
 Lab File: BM045201.D
 Acq: 13 Apr 2024 10:31

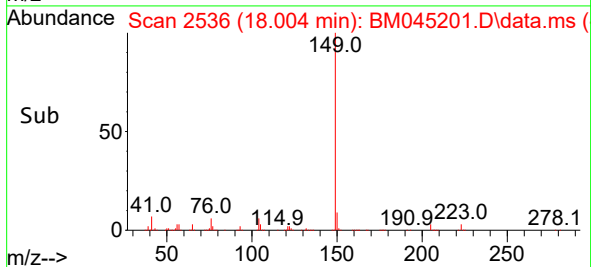
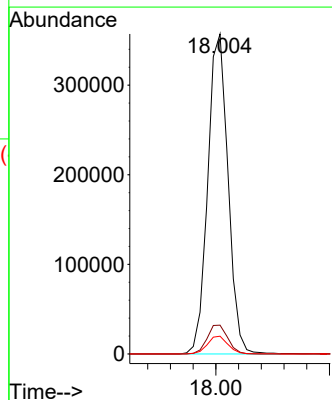
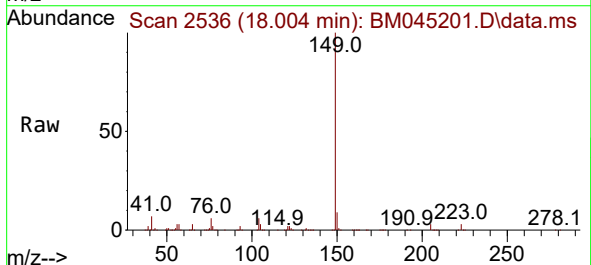
Instrument :
 BNA_M
 ClientSampleId :
 SLCS136

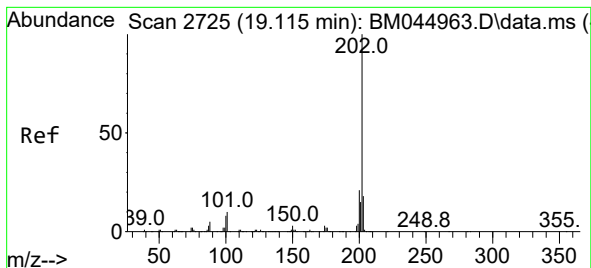
Tgt Ion:167 Resp: 375970
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.3 25.9
 139 13.3 10.7 16.1



#78
 Di-n-butylphthalate
 Concen: 32.024 ng/ul
 RT: 18.004 min Scan# 2536
 Delta R.T. -0.006 min
 Lab File: BM045201.D
 Acq: 13 Apr 2024 10:31

Tgt Ion:149 Resp: 442933
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.2 10.8
 104 5.5 4.3 6.5





#80

Fluoranthene

Concen: 36.067 ng/ul

RT: 19.086 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM045201.D

Acq: 13 Apr 2024 10:31

Instrument :

BNA_M

ClientSampleId :

SLCS136

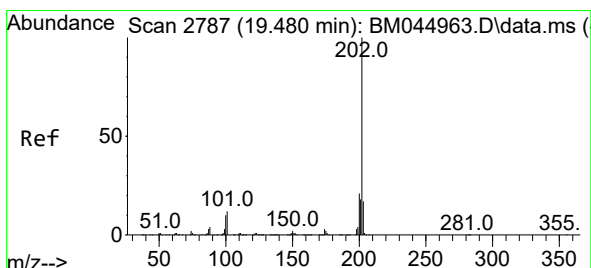
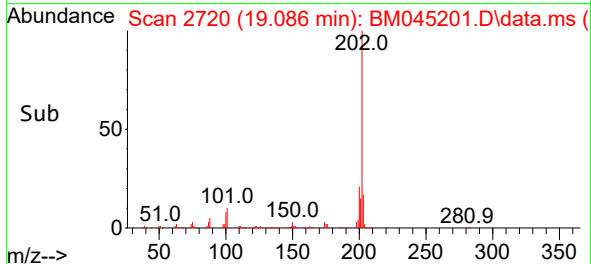
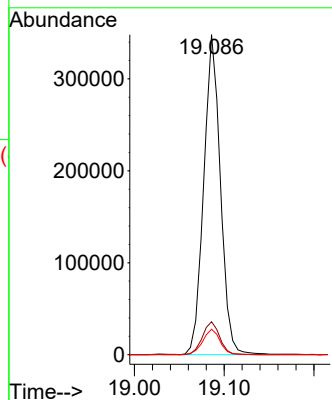
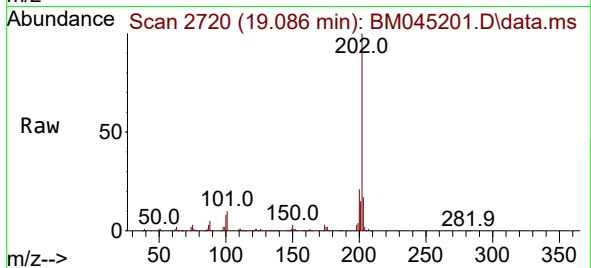
Tgt Ion:202 Resp: 449955

Ion Ratio Lower Upper

202 100

101 10.3 8.7 13.1

100 7.9 6.3 9.5



#82

Pyrene

Concen: 36.528 ng/ul

RT: 19.451 min Scan# 2782

Delta R.T. -0.012 min

Lab File: BM045201.D

Acq: 13 Apr 2024 10:31

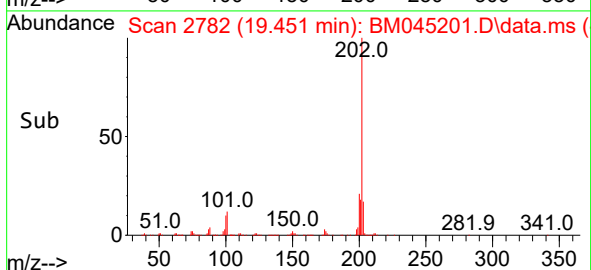
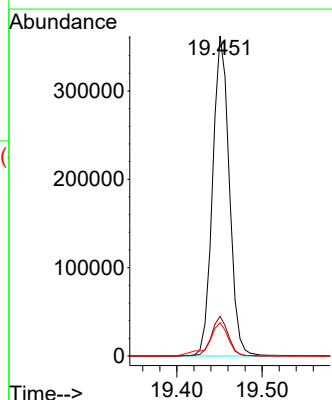
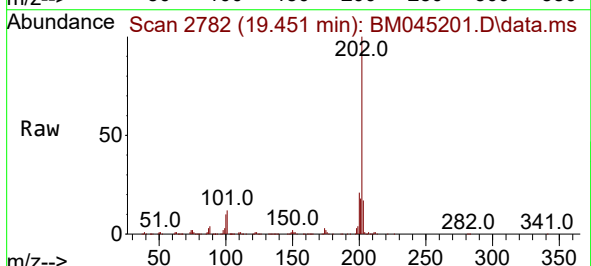
Tgt Ion:202 Resp: 491771

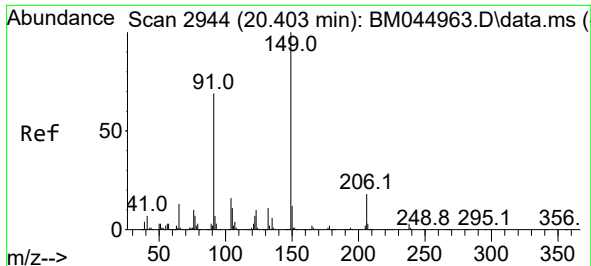
Ion Ratio Lower Upper

202 100

101 12.4 10.2 15.4

100 10.4 8.5 12.7

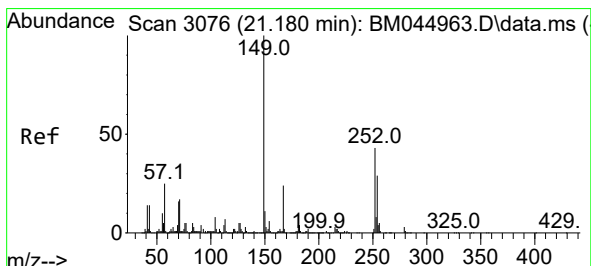
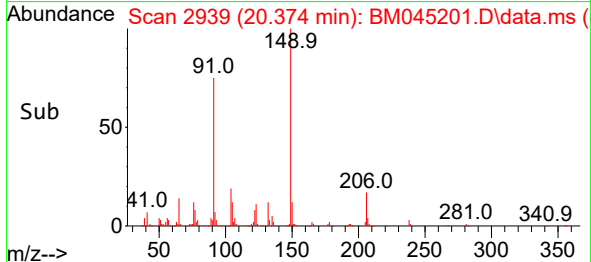
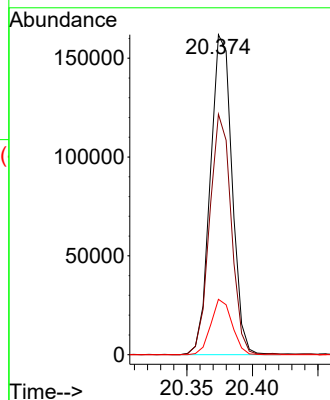
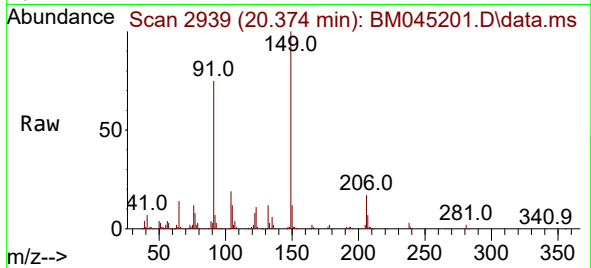




#83
Butylbenzylphthalate
Concen: 33.124 ng/ul
RT: 20.374 min Scan# 2944
Delta R.T. -0.012 min
Lab File: BM045201.D
Acq: 13 Apr 2024 10:31

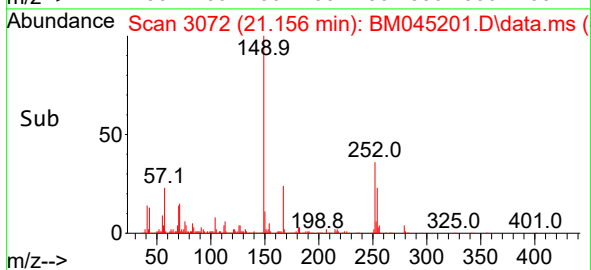
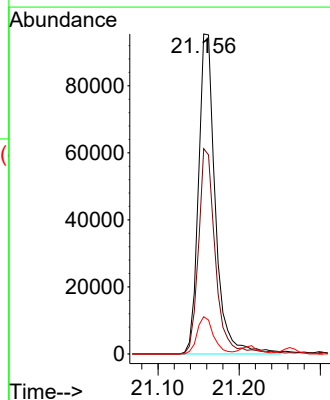
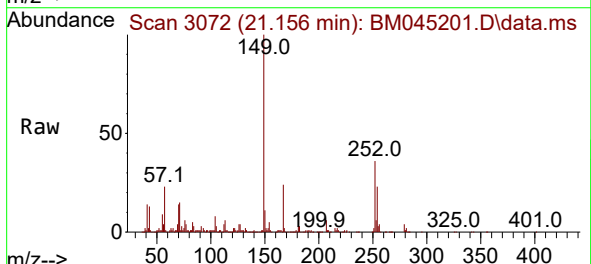
Instrument :
BNA_M
ClientSampleId :
SLCS136

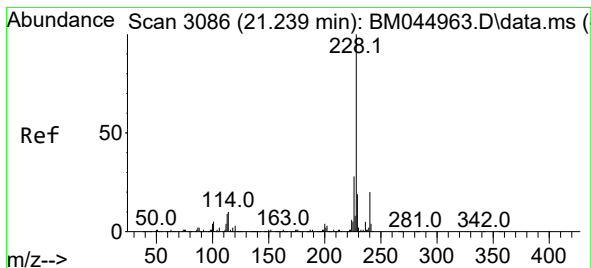
Tgt Ion:149 Resp: 186835
Ion Ratio Lower Upper
149 100
91 75.2 56.2 84.4
206 17.3 14.3 21.5



#84
3,3'-Dichlorobenzidine
Concen: 28.948 ng/ul
RT: 21.156 min Scan# 3072
Delta R.T. -0.012 min
Lab File: BM045201.D
Acq: 13 Apr 2024 10:31

Tgt Ion:252 Resp: 138267
Ion Ratio Lower Upper
252 100
254 64.2 53.9 80.9
126 11.7 9.0 13.4





#85

Benzo(a)anthracene

Concen: 31.693 ng/ul

RT: 21.209 min Scan# 3086

Delta R.T. -0.012 min

Lab File: BM045201.D

Acq: 13 Apr 2024 10:31

Instrument :

BNA_M

ClientSampleId :

SLCS136

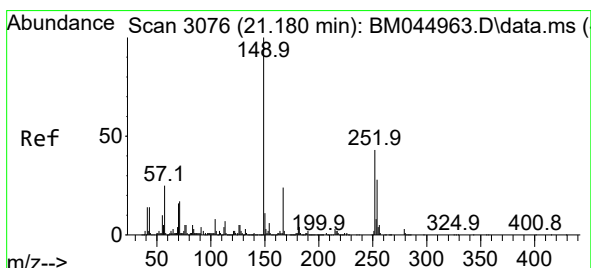
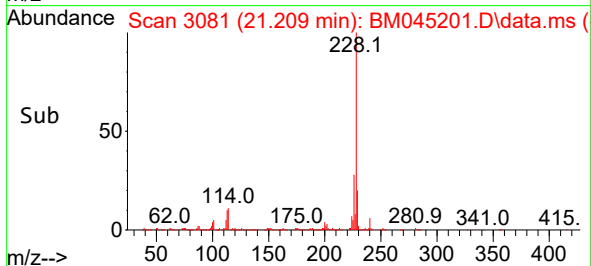
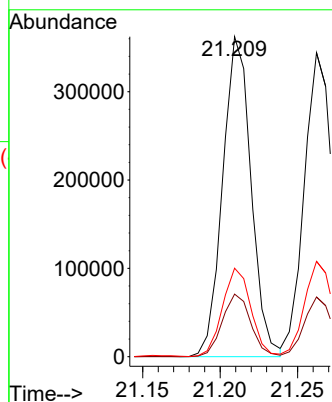
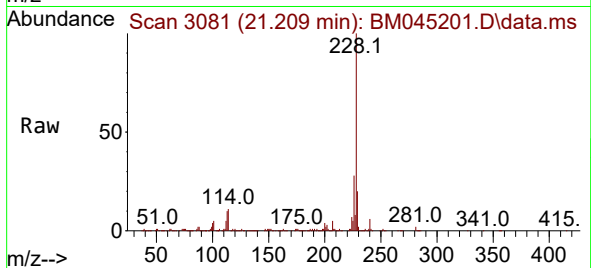
Tgt Ion:228 Resp: 461942

Ion Ratio Lower Upper

228 100

229 19.6 15.5 23.3

226 27.7 21.8 32.6



#86

Bis(2-ethylhexyl)phthalate

Concen: 30.665 ng/ul

RT: 21.156 min Scan# 3072

Delta R.T. -0.006 min

Lab File: BM045201.D

Acq: 13 Apr 2024 10:31

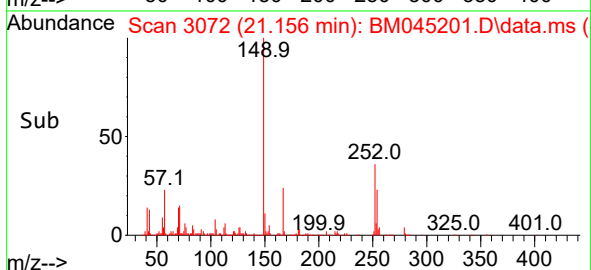
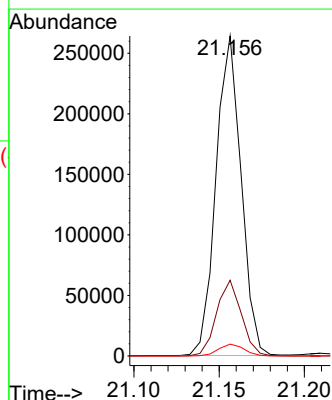
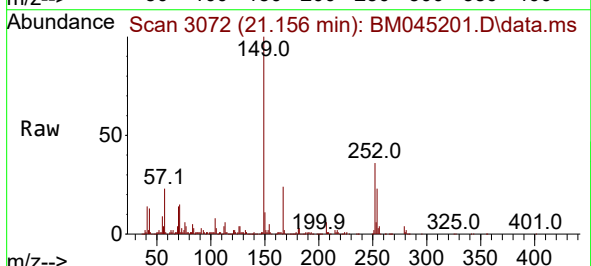
Tgt Ion:149 Resp: 270369

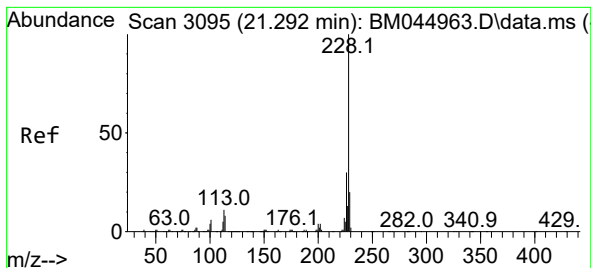
Ion Ratio Lower Upper

149 100

167 23.6 19.7 29.5

279 3.7 3.3 4.9





#87

Chrysene

Concen: 32.494 ng/ul

RT: 21.262 min Scan# 3095

Delta R.T. -0.012 min

Lab File: BM045201.D

Acq: 13 Apr 2024 10:31

Instrument :

BNA_M

ClientSampleId :

SLCS136

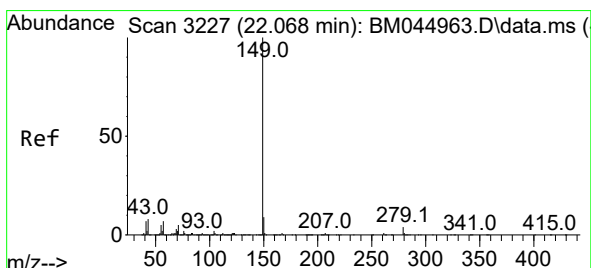
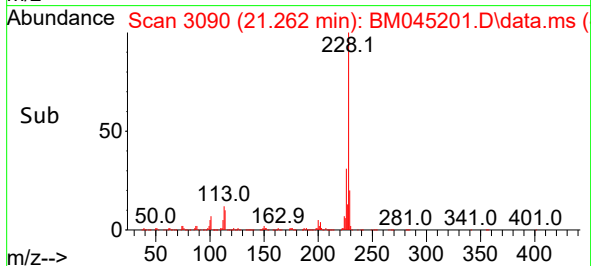
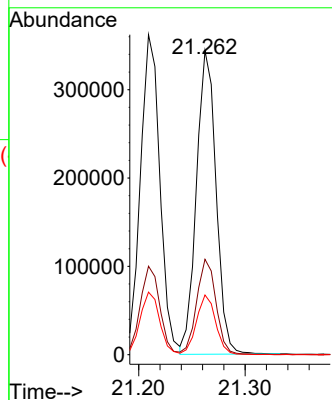
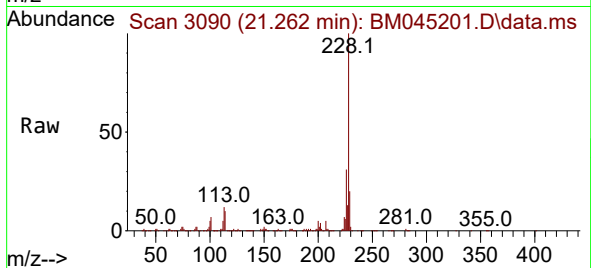
Tgt Ion:228 Resp: 441518

Ion Ratio Lower Upper

228 100

226 31.3 24.3 36.5

229 19.6 15.7 23.5



#89

Di-n-octyl phthalate

Concen: 28.031 ng/ul

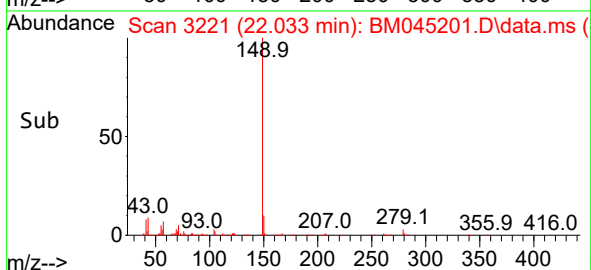
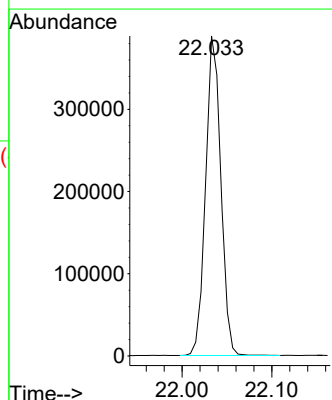
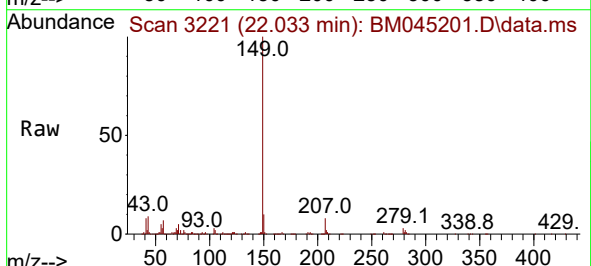
RT: 22.033 min Scan# 3221

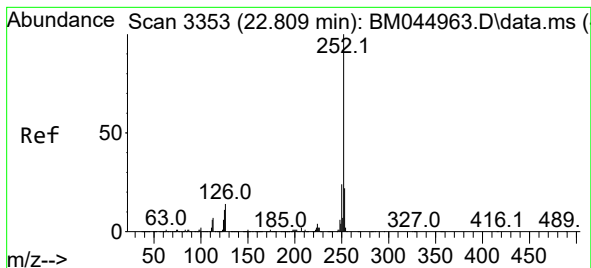
Delta R.T. -0.012 min

Lab File: BM045201.D

Acq: 13 Apr 2024 10:31

Tgt Ion:149 Resp: 458632





#90

Benzo(b)fluoranthene

Concen: 33.081 ng/ul

RT: 22.774 min Scan# 3347

Delta R.T. -0.012 min

Lab File: BM045201.D

Acq: 13 Apr 2024 10:31

Instrument :

BNA_M

ClientSampleId :

SLCS136

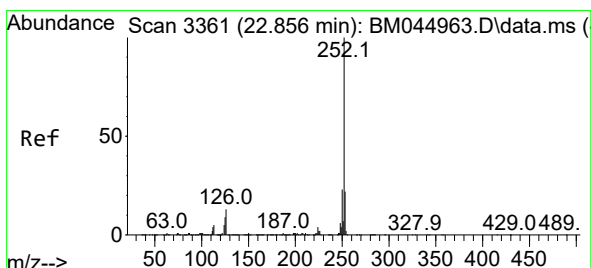
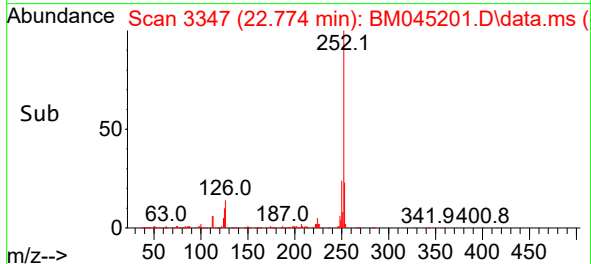
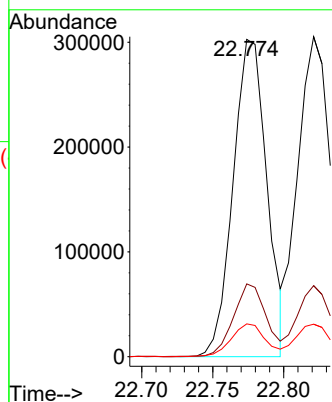
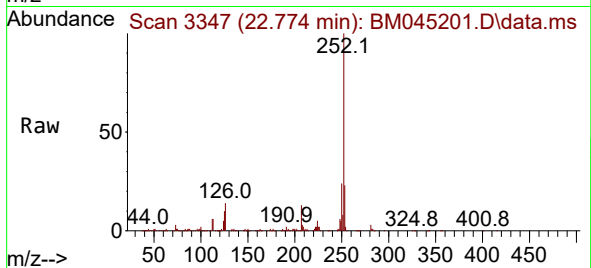
Tgt Ion:252 Resp: 501392

Ion Ratio Lower Upper

252 100

253 23.0 18.0 27.0

125 10.3 8.2 12.4



#91

Benzo(k)fluoranthene

Concen: 33.042 ng/ul

RT: 22.821 min Scan# 3355

Delta R.T. -0.012 min

Lab File: BM045201.D

Acq: 13 Apr 2024 10:31

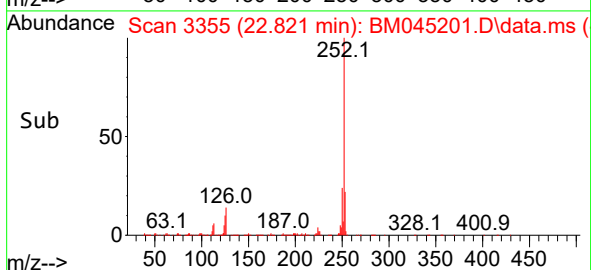
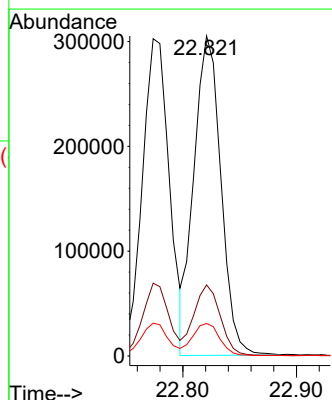
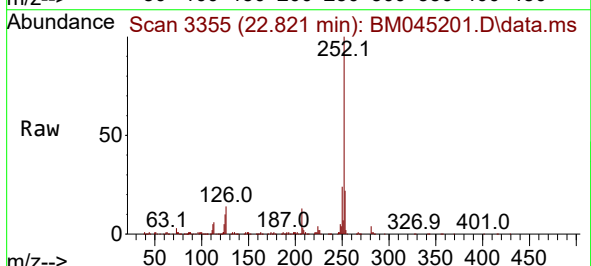
Tgt Ion:252 Resp: 504064

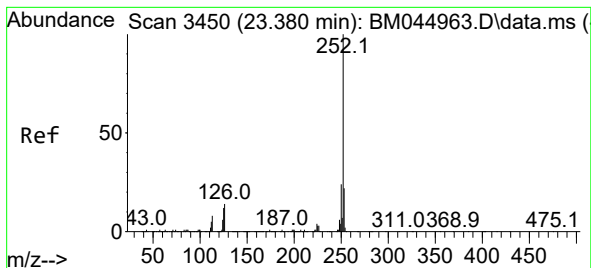
Ion Ratio Lower Upper

252 100

253 22.2 17.5 26.3

125 10.2 8.5 12.7





#93

Benzo(a)pyrene

Concen: 29.743 ng/ul

RT: 23.344 min Scan# 34

Delta R.T. -0.012 min

Lab File: BM045201.D

Acq: 13 Apr 2024 10:31

Instrument :

BNA_M

ClientSampleId :

SLCS136

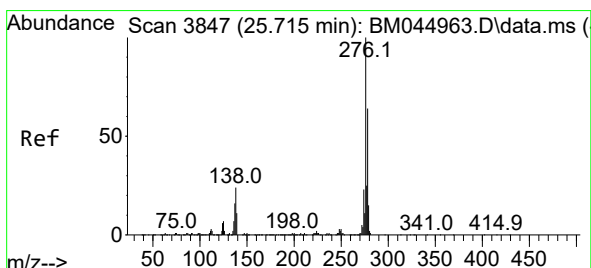
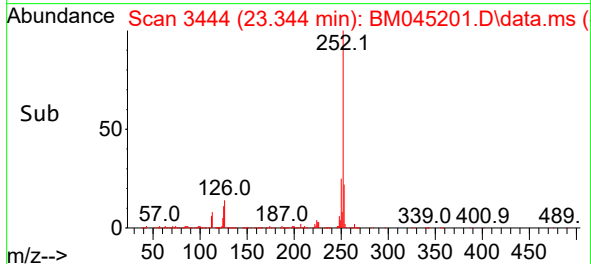
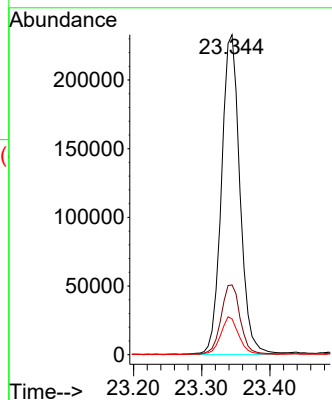
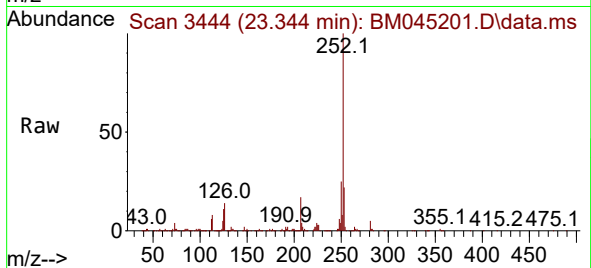
Tgt Ion:252 Resp: 438731

Ion Ratio Lower Upper

252 100

253 21.8 17.6 26.4

125 11.2 8.8 13.2



#94

Indeno(1,2,3-cd)pyrene

Concen: 35.194 ng/ul

RT: 25.656 min Scan# 3837

Delta R.T. -0.018 min

Lab File: BM045201.D

Acq: 13 Apr 2024 10:31

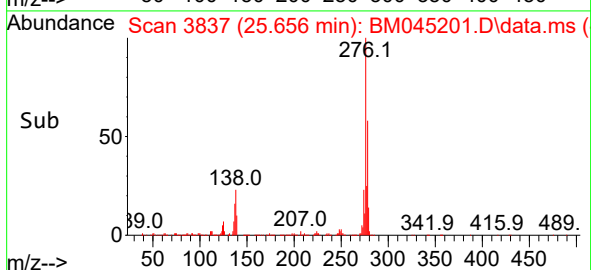
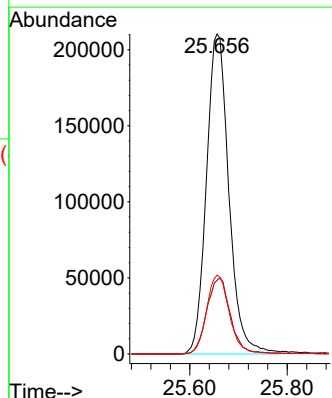
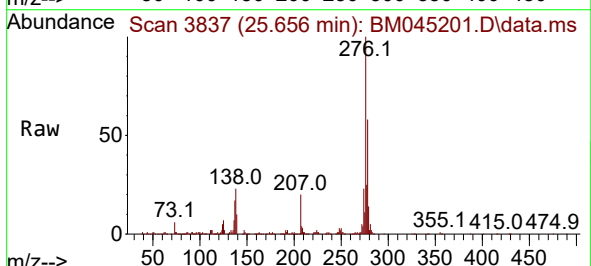
Tgt Ion:276 Resp: 672470

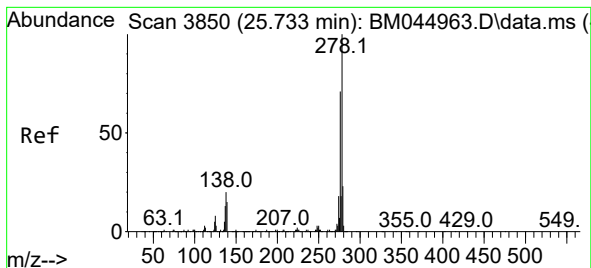
Ion Ratio Lower Upper

276 100

138 23.1 19.0 28.6

277 24.7 19.9 29.9





#95

Dibenzo(a,h)anthracene

Concen: 33.842 ng/ul

RT: 25.674 min Scan# 3

Delta R.T. -0.012 min

Lab File: BM045201.D

Acq: 13 Apr 2024 10:31

Instrument :

BNA_M

ClientSampleId :

SLCS136

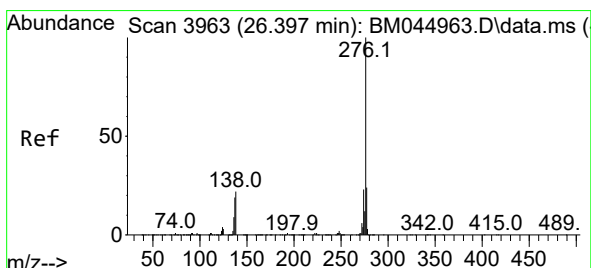
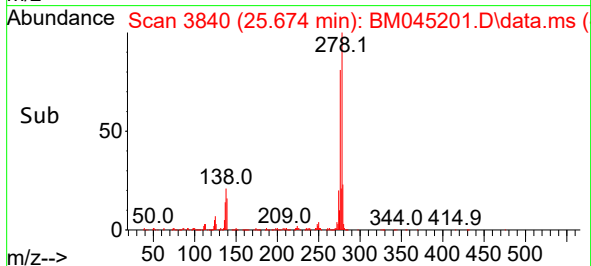
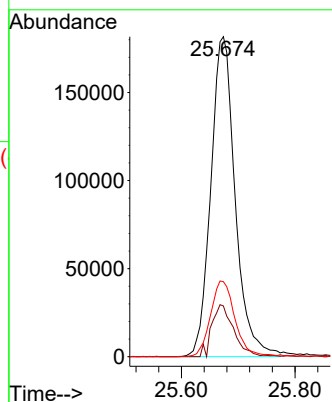
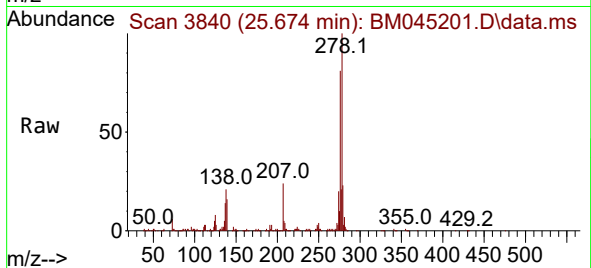
Tgt Ion:278 Resp: 540634

Ion Ratio Lower Upper

278 100

139 15.8 11.9 17.9

279 23.5 19.4 29.2



#96

Benzo(g,h,i)perylene

Concen: 35.333 ng/ul

RT: 26.338 min Scan# 3953

Delta R.T. -0.012 min

Lab File: BM045201.D

Acq: 13 Apr 2024 10:31

Tgt Ion:276 Resp: 532601

Ion Ratio Lower Upper

276 100

138 21.4 17.8 26.6

277 23.5 18.7 28.1

