

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041823\
 Data File : BM039465.D
 Acq On : 18 Apr 2023 19:40
 Operator : CG/JU
 Sample : PB152151BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS151

Quant Time: Apr 19 00:14:50 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Apr 18 23:56:45 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.828	152	211056	20.000	ng/u1	0.00
20) Naphthalene-d8	10.639	136	981949	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.492	164	632927	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.245	188	1342234	20.000	ng/u1	0.00
79) Chrysene-d12	21.433	240	1148336	20.000	ng/u1	0.00
88) Perylene-d12	23.803	264	914776	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.216	96	28353	5.156	ng/uL	0.00
4) Pyridine-d5	3.646	84	432436	27.990	ng/u1	0.00
7) Phenol-d5	7.022	99	593927	30.746	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.169	67	384335	30.102	ng/u1	0.00
11) 2-Chlorophenol-d4	7.369	132	466651	30.796	ng/u1	0.00
15) 4-Methylphenol-d8	8.569	113	482851	31.031	ng/u1	0.00
21) Nitrobenzene-d5	9.004	128	240222	30.408	ng/u1	0.00
24) 2-Nitrophenol-d4	9.728	143	271971	30.659	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.275	165	478371	31.340	ng/u1	0.00
31) 4-Chloroaniline-d4	10.798	131	94171	4.131	ng/u1	0.00
46) Dimethylphthalate-d6	13.904	166	1528065	29.936	ng/u1	0.00
49) Acenaphthylene-d8	14.186	160	1717777	29.955	ng/u1	0.00
54) 4-Nitrophenol-d4	14.733	143	234645	30.374	ng/u1	0.00
60) Fluorene-d10	15.486	176	1259356	30.113	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.621	200	271340	30.421	ng/u1	0.00
73) Anthracene-d10	17.339	188	1941397	30.076	ng/u1	0.00
81) Pyrene-d10	19.639	212	2241554	29.376	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.656	264	1387543	28.095	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.252	88	69372	11.529	ng/uL	96
5) Pyridine	3.663	79	493587	30.299	ng/u1	98
6) Benzaldehyde	6.975	77	216074	26.182	ng/u1	96
8) Phenol	7.046	94	625651	31.108	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.257	93	497871	29.691	ng/u1	98
12) 2-Chlorophenol	7.398	128	473438	31.050	ng/u1	98
13) 2-Methylphenol	8.298	108	479486	30.694	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.369	45	709319	30.456	ng/u1	100
16) Acetophenone	8.669	105	779416	30.495	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.651	70	429076	30.332	ng/u1	98
18) 4-Methylphenol	8.634	108	524699	31.111	ng/u1	99
19) Hexachloroethane	8.904	117	203115	29.330	ng/u1	96
22) Nitrobenzene	9.045	77	593884	30.446	ng/u1	96
23) Isophorone	9.575	82	1215178	29.215	ng/u1	99
25) 2-Nitrophenol	9.757	139	283078	30.584	ng/u1	95
26) 2,4-Dimethylphenol	9.828	107	583498	30.849	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.057	93	708708	28.975	ng/u1	100
29) 2,4-Dichlorophenol	10.304	162	474639	31.568	ng/u1	100
30) Naphthalene	10.692	128	1602629	29.498	ng/u1	100
32) 4-Chloroaniline	10.822	127	103422	4.604	ng/u1	98
33) Hexachlorobutadiene	10.969	225	291362	29.409	ng/u1	99
34) Caprolactam	11.610	113	89995	16.073	ng/u1	99
35) 4-Chloro-3-methylphenol	11.963	107	555682	31.653	ng/u1	100
36) 2-Methylnaphthalene	12.310	142	1079196	29.631	ng/u1	100

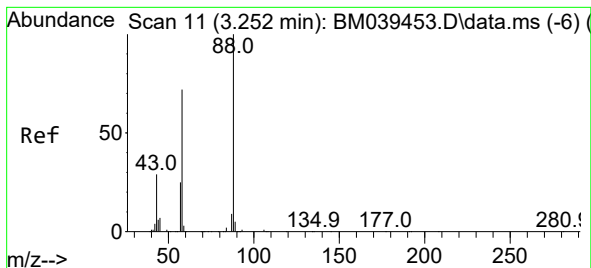
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.528	142	1114612	30.453	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.675	216	555912	29.261	ng/ul	99
40) Hexachlorocyclopentadiene	12.645	237	299916	26.496	ng/ul	98
41) 2,4,6-Trichlorophenol	12.928	196	380138	29.951	ng/ul	98
42) 2,4,5-Trichlorophenol	13.010	196	419892	31.831	ng/ul	99
43) 1,1'-Biphenyl	13.322	154	1456250	29.772	ng/ul	100
44) 2-Chloronaphthalene	13.363	162	1143754	29.809	ng/ul	99
45) 2-Nitroaniline	13.586	65	361057	32.608	ng/ul	98
47) Dimethylphthalate	13.951	163	1516165	30.000	ng/ul	100
48) 2,6-Dinitrotoluene	14.080	165	319067	31.216	ng/ul	99
50) Acenaphthylene	14.210	152	1826899	29.783	ng/ul	100
51) 3-Nitroaniline	14.422	138	31073	3.243	ng/ul	97
52) Acenaphthene	14.551	153	1251698	29.638	ng/ul	100
53) 2,4-Dinitrophenol	14.627	184	162093	29.792	ng/ul	98
55) 4-Nitrophenol	14.745	109	183174	31.216	ng/ul	95
56) Dibenzofuran	14.892	168	1731337	30.161	ng/ul	99
57) 2,4-Dinitrotoluene	14.869	165	450284	31.705	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.121	232	356857	30.223	ng/ul	96
59) Diethylphthalate	15.316	149	1587376	30.299	ng/ul	100
61) Fluorene	15.539	166	1435679	30.234	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.533	204	711104	30.214	ng/ul	99
63) 4-Nitroaniline	15.580	138	200024	27.226	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.633	198	262934	30.661	ng/ul	93
67) N-Nitrosodiphenylamine	15.751	169	781925	19.553	ng/ul	99
68) 4-Bromophenyl-phenylether	16.433	248	434063	29.942	ng/ul	98
69) Hexachlorobenzene	16.545	284	505011	30.323	ng/ul	99
70) Atrazine	16.710	200	16652	1.122	ng/ul	93
71) Pentachlorophenol	16.898	266	284589	29.231	ng/ul	99
72) Phenanthrene	17.286	178	2249512	30.188	ng/ul	99
74) Anthracene	17.374	178	2259729	30.228	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.286	216	568203	28.424	ng/ul	99
76) Pentachlorobenzene	14.810	250	585855	29.775	ng/ul	99
77) Carbazole	17.657	167	1425049	21.452	ng/ul	100
78) Di-n-butylphthalate	18.210	149	2873939	30.587	ng/ul	99
80) Fluoranthene	19.304	202	2641510	29.534	ng/ul	99
82) Pyrene	19.668	202	2712020	29.290	ng/ul	99
83) Butylbenzylphthalate	20.568	149	1301995	29.791	ng/ul	99
85) Benzo(a)anthracene	21.421	228	2501402	30.117	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.345	149	1939684	29.843	ng/ul	99
87) Chrysene	21.474	228	2422430	30.576	ng/ul	99
89) Di-n-octyl phthalate	22.256	149	3256350	35.429	ng/ul	100
90) Benzo(b)fluoranthene	23.086	252	2314135	35.953	ng/ul	99
91) Benzo(k)fluoranthene	23.133	252	2258209	35.724	ng/ul	100
93) Benzo(a)pyrene	23.703	252	1880114	34.654	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.262	276	2089301	35.010	ng/ul	99
95) Dibenzo(a,h)anthracene	26.280	278	1760373	35.578	ng/ul	99
96) Benzo(g,h,i)perylene	27.021	276	1629164	34.270	ng/ul	99

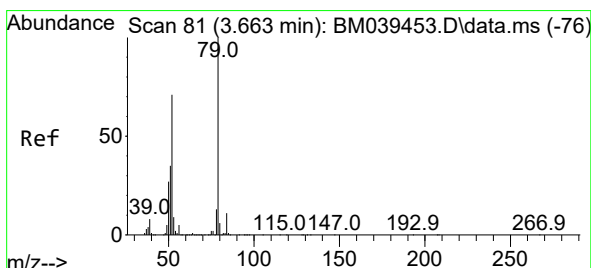
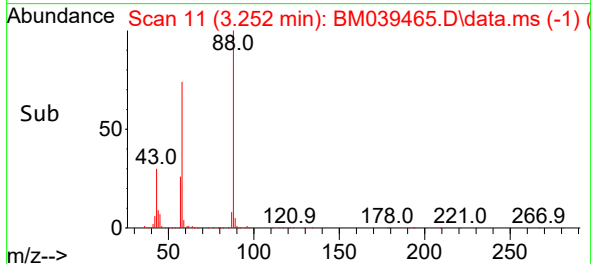
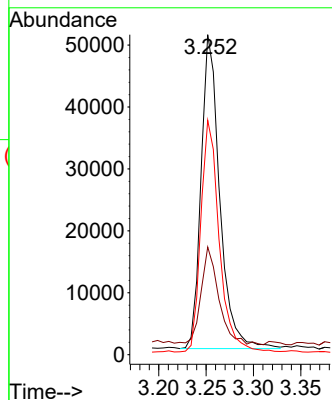
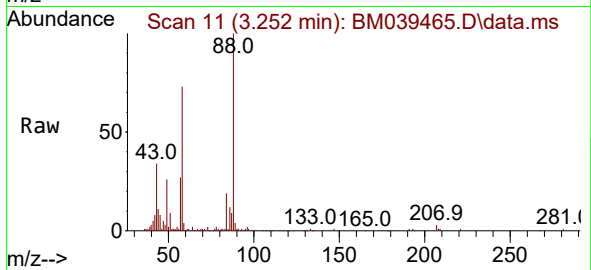
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#2
1,4-Dioxane
Concen: 11.529 ng/uL
RT: 3.252 min Scan# 11
Delta R.T. -0.000 min
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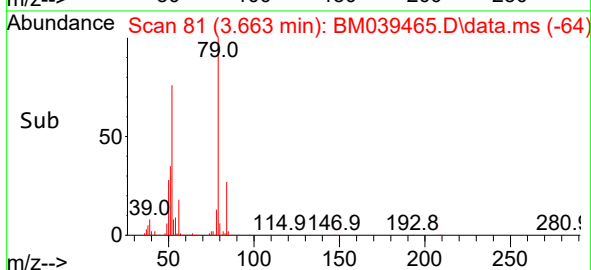
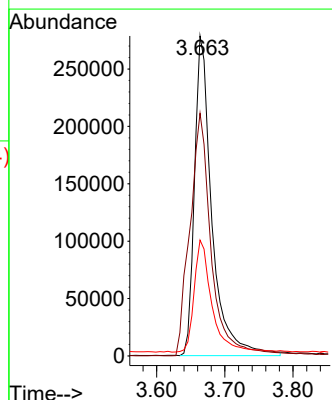
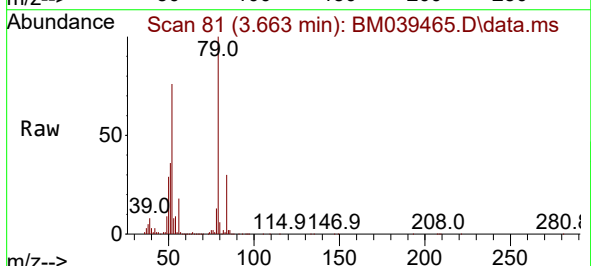
Instrument :
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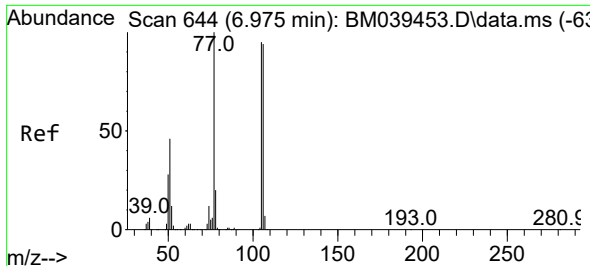
Tgt Ion: 88 Resp: 69372
Ion Ratio Lower Upper
88 100
43 33.7 24.6 36.8
58 73.3 56.7 85.1



#5
Pyridine
Concen: 30.299 ng/uL
RT: 3.663 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM039465.D
Acq: 18 Apr 2023 19:40

Tgt Ion: 79 Resp: 493587
Ion Ratio Lower Upper
79 100
52 75.8 61.9 92.9
51 36.2 29.7 44.5

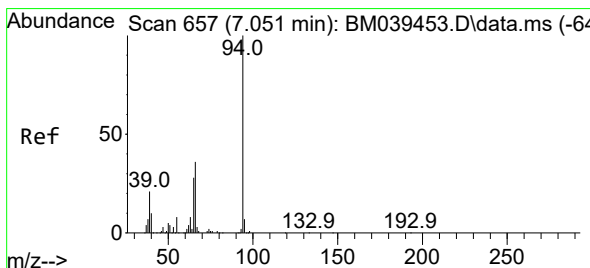
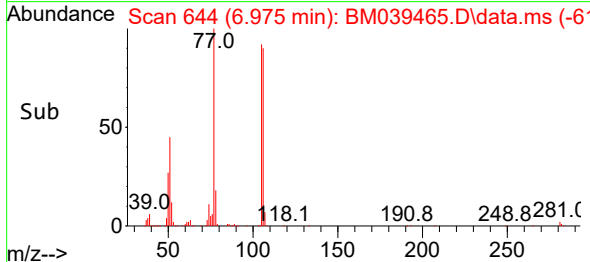
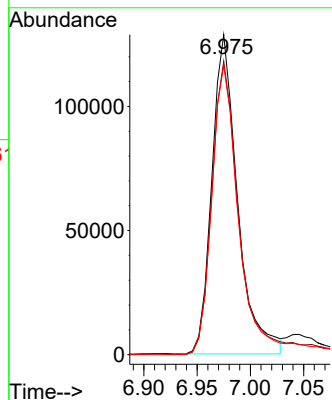
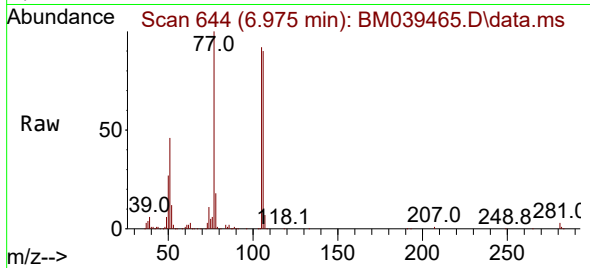




#6
Benzaldehyde
Concen: 26.182 ng/ul
RT: 6.975 min Scan# 644
Delta R.T. 0.000 min
Lab File: BM039465.D
Acq: 18 Apr 2023 19:40

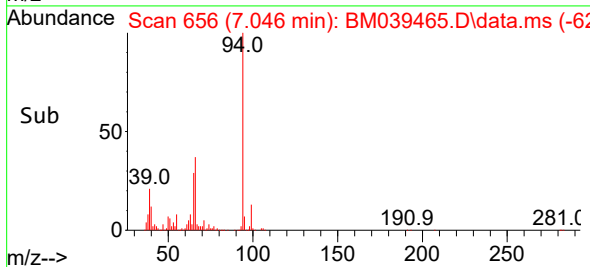
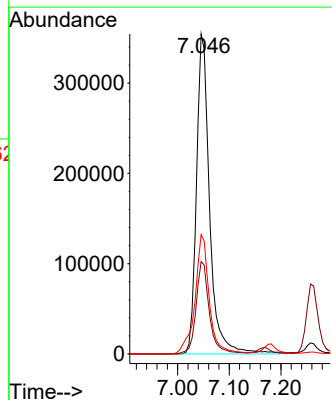
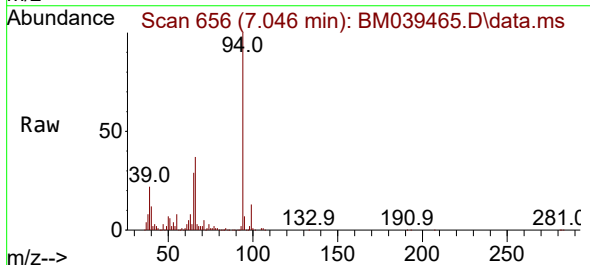
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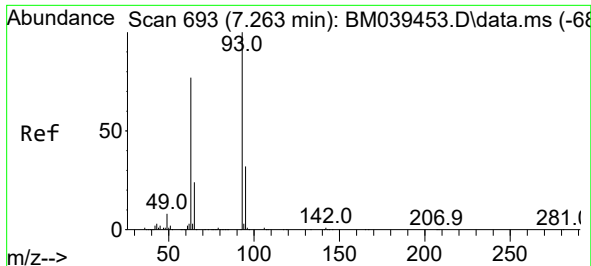
Tgt Ion: 77 Resp: 216074
Ion Ratio Lower Upper
77 100
105 91.7 76.3 114.5
106 90.3 75.4 113.0



#8
Phenol
Concen: 31.108 ng/ul
RT: 7.046 min Scan# 656
Delta R.T. -0.006 min
Lab File: BM039465.D
Acq: 18 Apr 2023 19:40

Tgt Ion: 94 Resp: 625651
Ion Ratio Lower Upper
94 100
65 28.9 22.2 33.4
66 37.3 29.6 44.4





#10

Bis(2-Chloroethyl)ether

Concen: 29.691 ng/ul

RT: 7.257 min Scan# 692

Delta R.T. -0.006 min

Lab File: BM039465.D

Acq: 18 Apr 2023 19:40

Instrument :

BNA_M

ClientSampleId :

SLCS151

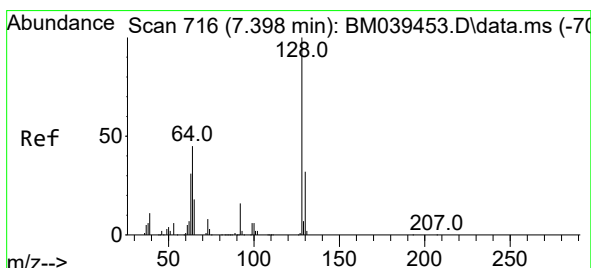
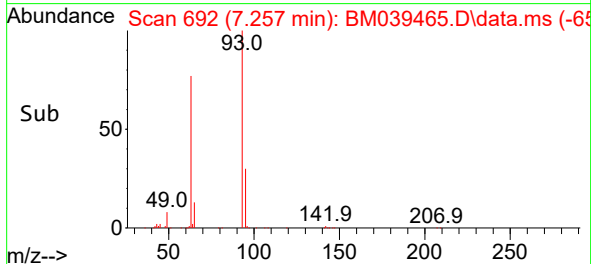
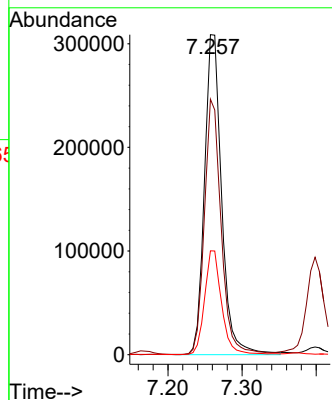
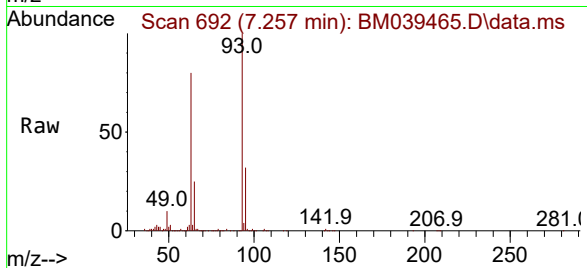
Tgt Ion: 93 Resp: 497871

Ion Ratio Lower Upper

93 100

63 79.9 61.9 92.9

95 32.5 25.8 38.8



#12

2-Chlorophenol

Concen: 31.050 ng/ul

RT: 7.398 min Scan# 716

Delta R.T. 0.000 min

Lab File: BM039465.D

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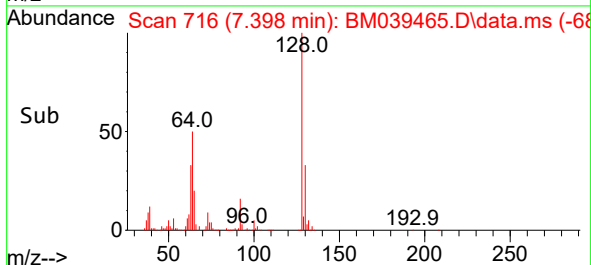
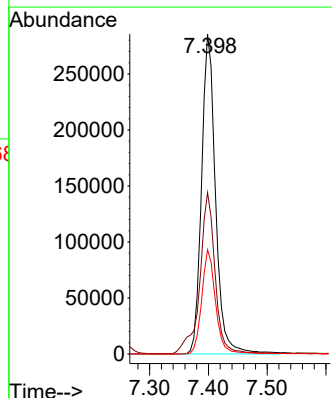
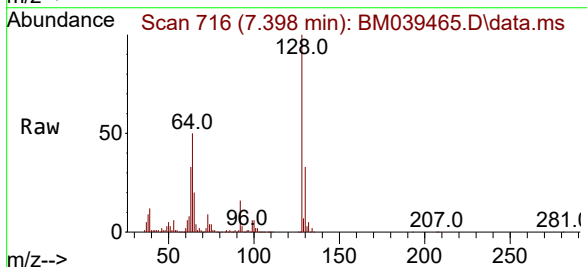
Tgt Ion:128 Resp: 473438

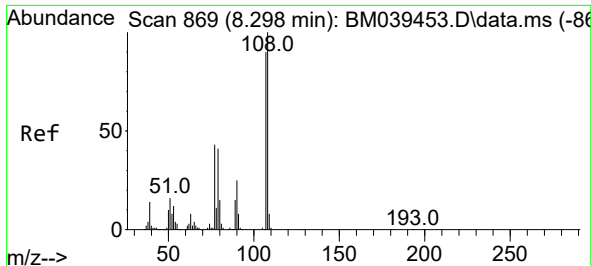
Ion Ratio Lower Upper

128 100

64 50.4 38.8 58.2

130 32.6 25.4 38.0

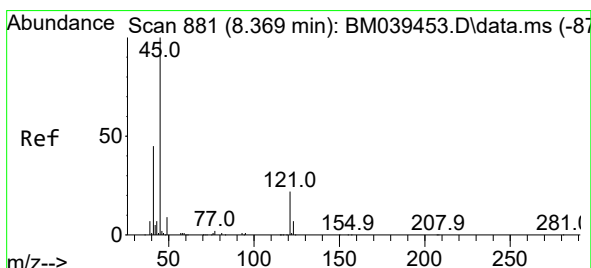
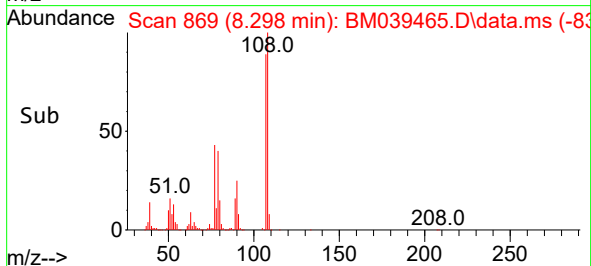
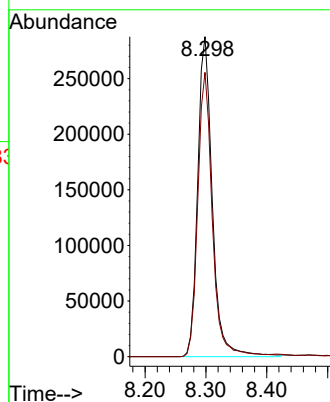
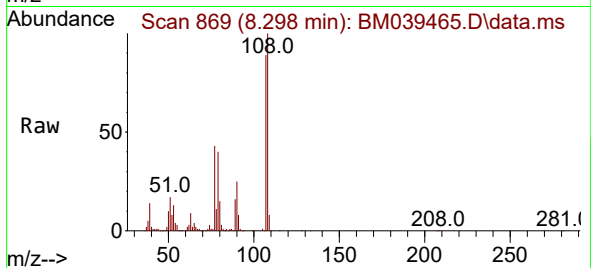




#13
2-Methylphenol
Concen: 30.694 ng/ul
RT: 8.298 min Scan# 869
Delta R.T. -0.000 min
Lab File: BM039465.D
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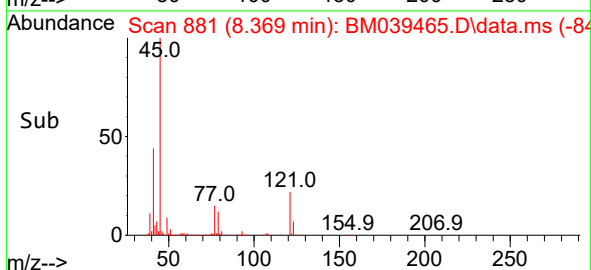
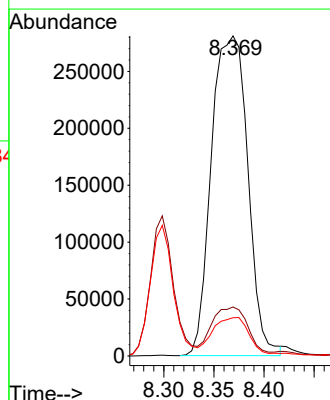
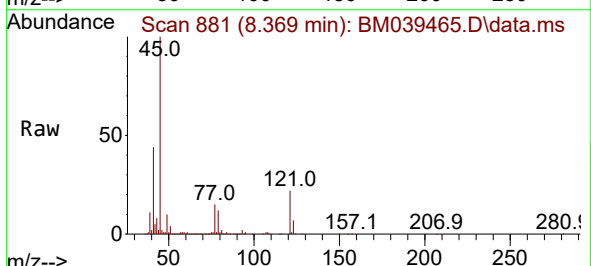
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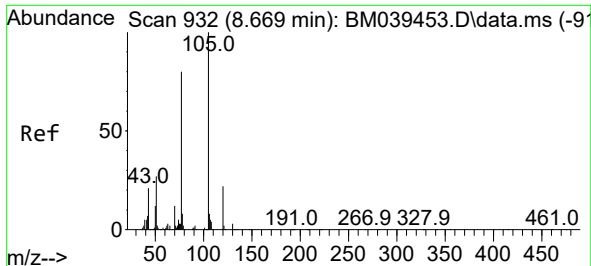
Tgt Ion:108 Resp: 479486
Ion Ratio Lower Upper
108 100
107 88.8 71.7 107.5



#14
2,2'-oxybis(1-Chloropropane)
Concen: 30.456 ng/ul
RT: 8.369 min Scan# 881
Delta R.T. -0.000 min
Lab File: BM039465.D
Acq: 18 Apr 2023 19:40

Tgt Ion: 45 Resp: 709319
Ion Ratio Lower Upper
45 100
77 15.3 12.3 18.5
79 11.9 9.8 14.6

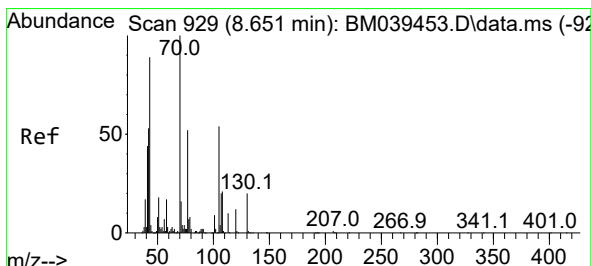
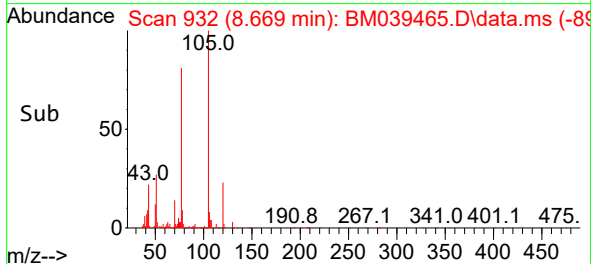
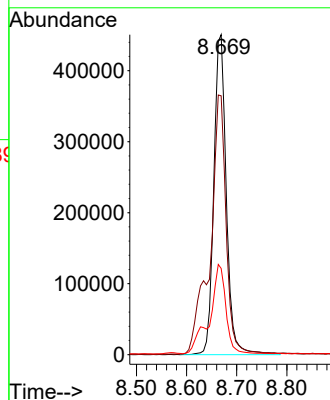
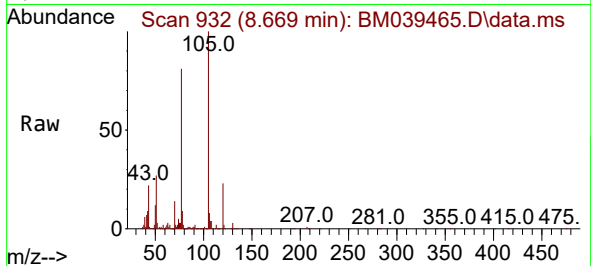




#16
Acetophenone
Concen: 30.495 ng/ul
RT: 8.669 min Scan# 911
Delta R.T. 0.000 min
Lab File: BM039465.D
Acq: 18 Apr 2023 19:40

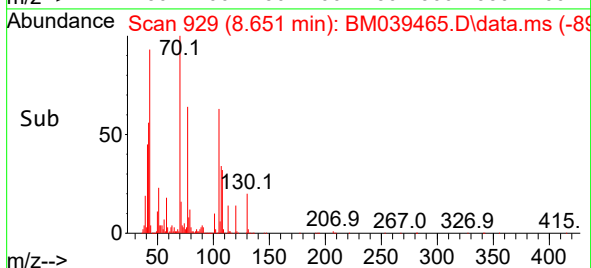
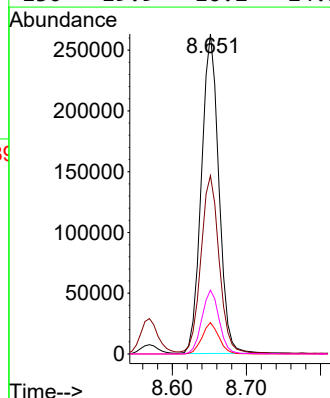
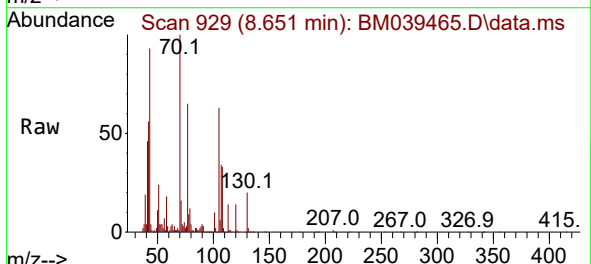
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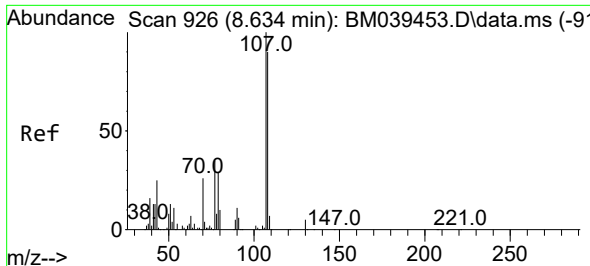
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Ion Ratio Lower Upper
105 100
77 80.9 64.1 96.1
51 27.0 22.2 33.4



#17
N-Nitroso-di-n-propylamine
Concen: 30.332 ng/ul
RT: 8.651 min Scan# 929
Delta R.T. -0.000 min
Lab File: BM039465.D
Acq: 18 Apr 2023 19:40

Tgt Ion: 70 Resp: 429076
Ion Ratio Lower Upper
70 100
42 55.7 43.0 64.4
101 9.8 7.4 11.2
130 19.9 16.2 24.2

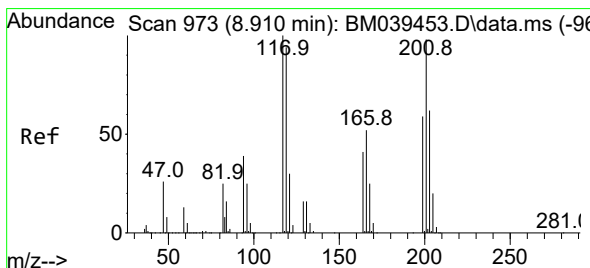
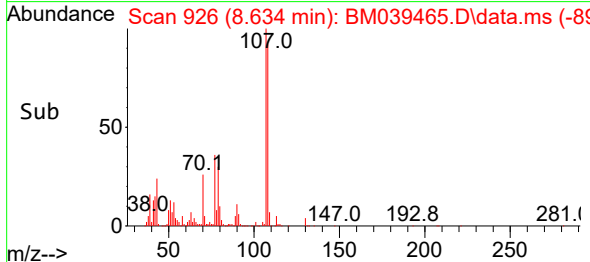
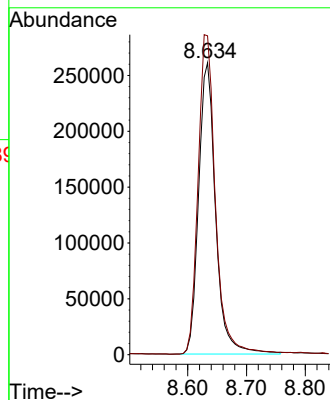
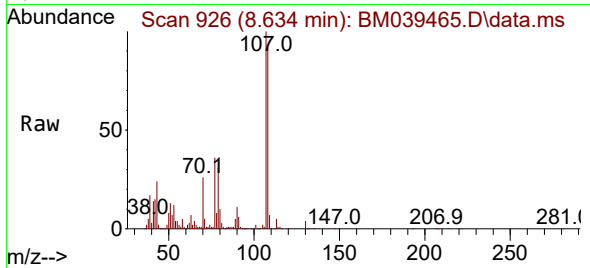




#18
4-Methylphenol
Concen: 31.111 ng/ul
RT: 8.634 min Scan# 911
Delta R.T. 0.000 min
Lab File: BM039465.D
Acq: 18 Apr 2023 19:40

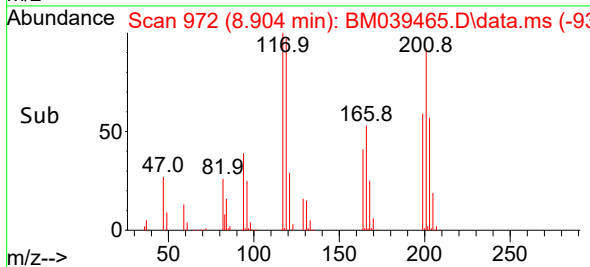
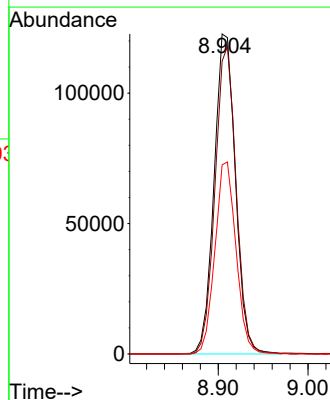
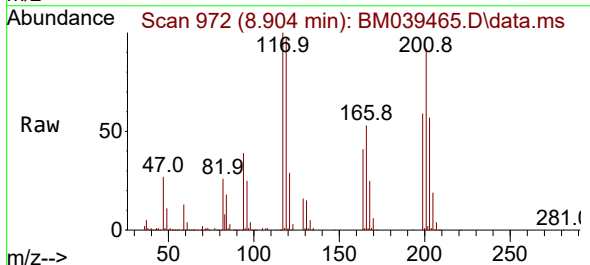
Instrument :
BNA_M
ClientSampleId :
SLCS151

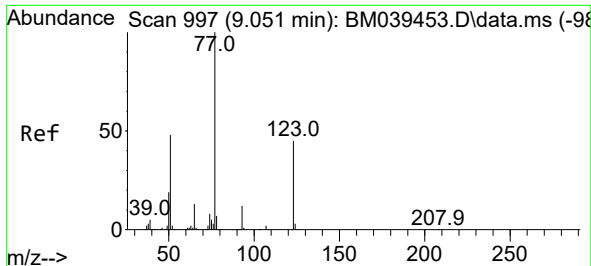
Tgt Ion:108 Resp: 524699
Ion Ratio Lower Upper
108 100
107 109.3 88.6 133.0



#19
Hexachloroethane
Concen: 29.330 ng/ul
RT: 8.904 min Scan# 972
Delta R.T. -0.006 min
Lab File: BM039465.D
Acq: 18 Apr 2023 19:40

Tgt Ion:117 Resp: 203115
Ion Ratio Lower Upper
117 100
201 91.5 78.3 117.5
199 59.1 47.4 71.0

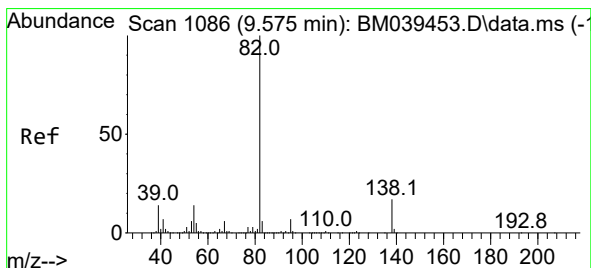
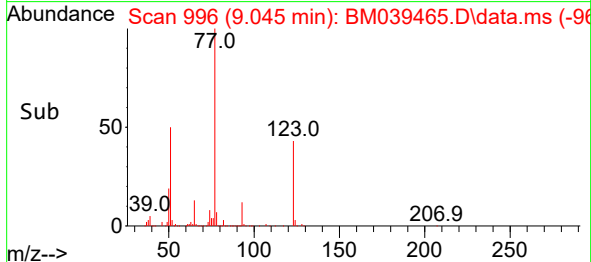
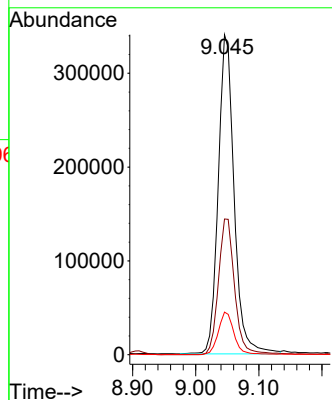
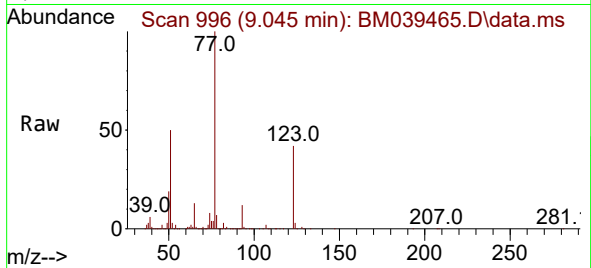




#22
Nitrobenzene
Concen: 30.446 ng/ul
RT: 9.045 min Scan# 997
Delta R.T. -0.006 min
Lab File: BM039465.D
Acq: 18 Apr 2023 19:40

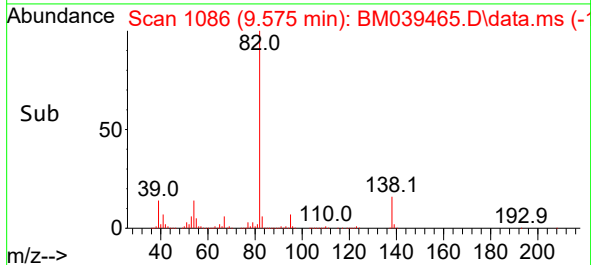
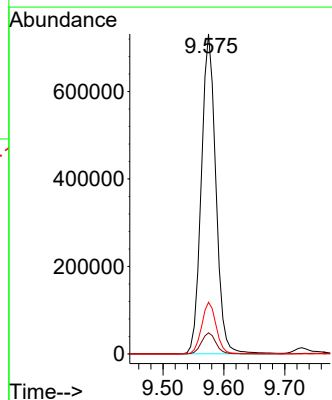
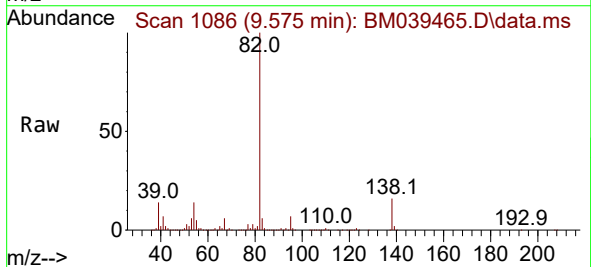
Instrument :
BNA_M
ClientSampleId :
SLCS151

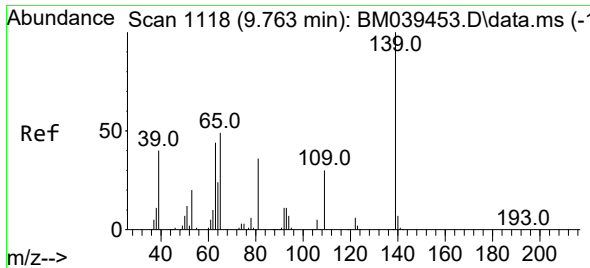
Tgt Ion: 77 Resp: 593884
Ion Ratio Lower Upper
77 100
123 42.4 36.1 54.1
65 13.3 10.2 15.2



#23
Isophorone
Concen: 29.215 ng/ul
RT: 9.575 min Scan# 1086
Delta R.T. -0.000 min
Lab File: BM039465.D
Acq: 18 Apr 2023 19:40

Tgt Ion: 82 Resp: 1215178
Ion Ratio Lower Upper
82 100
95 6.6 5.4 8.2
138 16.1 13.2 19.8

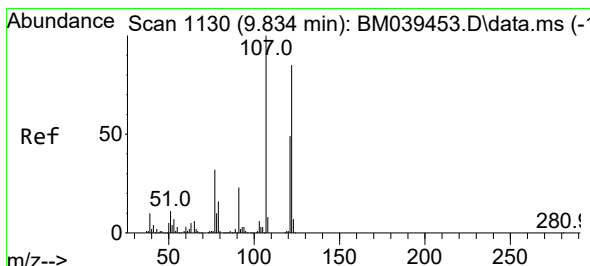
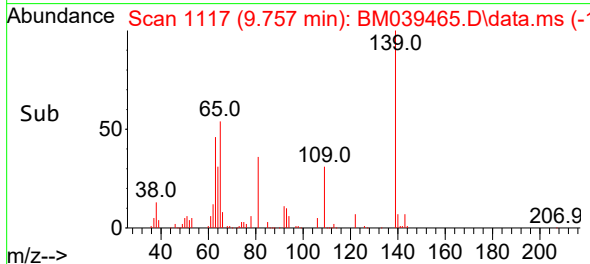
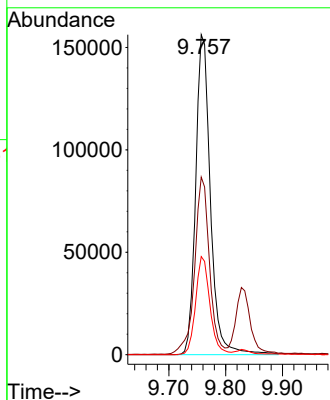
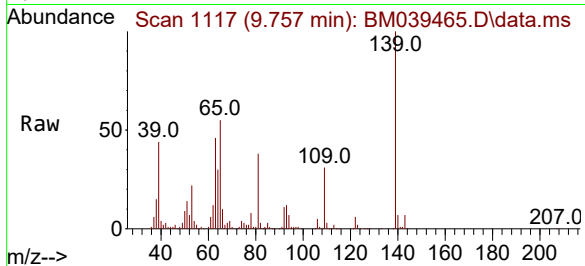




#25
2-Nitrophenol
Concen: 30.584 ng/ul
RT: 9.757 min Scan# 1117
Delta R.T. -0.006 min
Lab File: BM039465.D
Acq: 18 Apr 2023 19:40

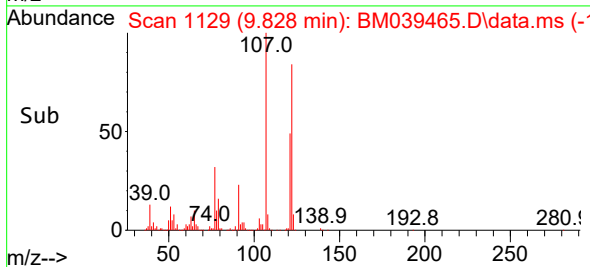
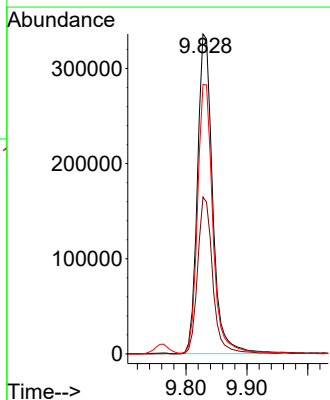
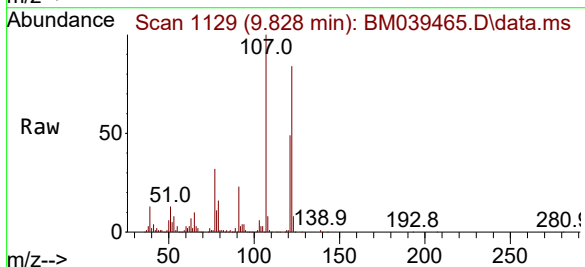
Instrument :
BNA_M
ClientSampleId :
SLCS151

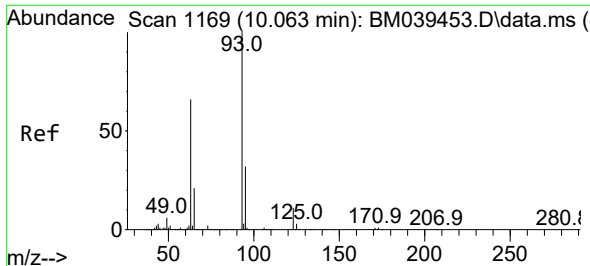
Tgt Ion:139 Resp: 283078
Ion Ratio Lower Upper
139 100
65 55.5 40.7 61.1
109 30.7 23.9 35.9



#26
2,4-Dimethylphenol
Concen: 30.849 ng/ul
RT: 9.828 min Scan# 1129
Delta R.T. -0.006 min
Lab File: BM039465.D
Acq: 18 Apr 2023 19:40

Tgt Ion:107 Resp: 583498
Ion Ratio Lower Upper
107 100
121 49.1 39.1 58.7
122 84.2 68.1 102.1

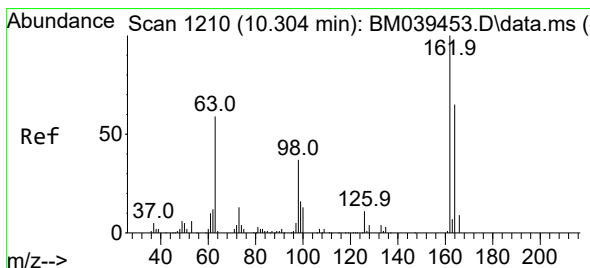
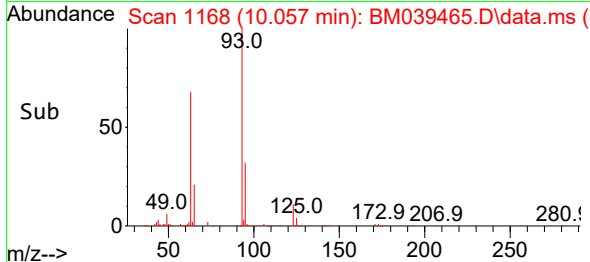
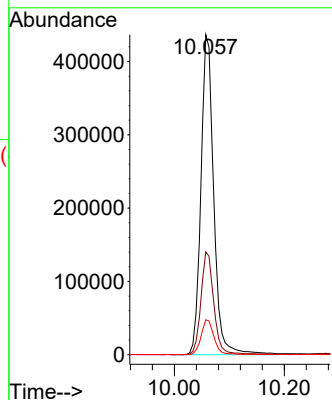
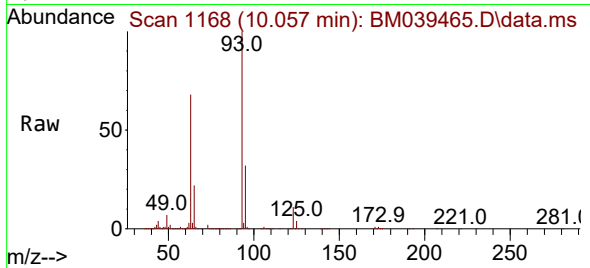




#27
 Bis(2-Chloroethoxy)methane
 Concen: 28.975 ng/ul
 RT: 10.057 min Scan# 1168
 Delta R.T. -0.006 min
 Lab File: BM039465.D
 Acq: 18 Apr 2023 19:40

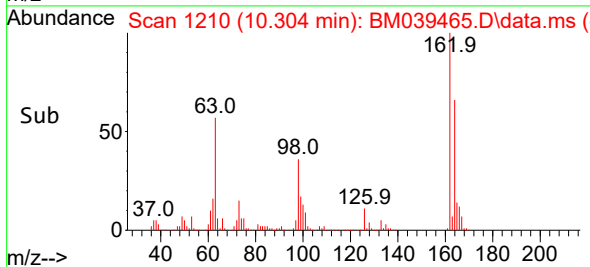
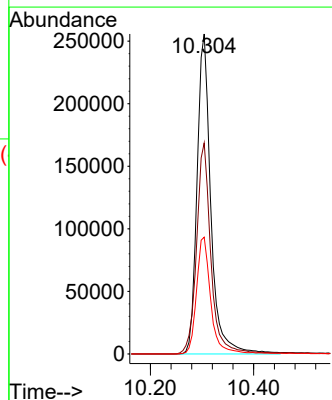
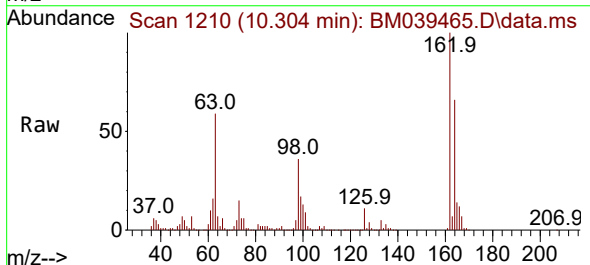
Instrument :
 BNA_M
 ClientSampleId :
 SLCS151

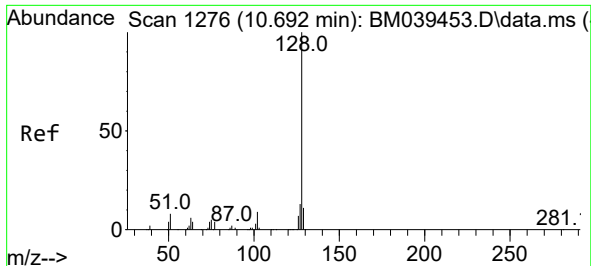
Tgt Ion: 93 Resp: 708708
 Ion Ratio Lower Upper
 93 100
 95 32.1 25.8 38.6
 123 10.9 8.8 13.2



#29
 2,4-Dichlorophenol
 Concen: 31.568 ng/ul
 RT: 10.304 min Scan# 1210
 Delta R.T. -0.000 min
 Lab File: BM039465.D
 Acq: 18 Apr 2023 19:40

Tgt Ion: 162 Resp: 474639
 Ion Ratio Lower Upper
 162 100
 164 66.0 52.4 78.6
 98 36.5 29.4 44.0

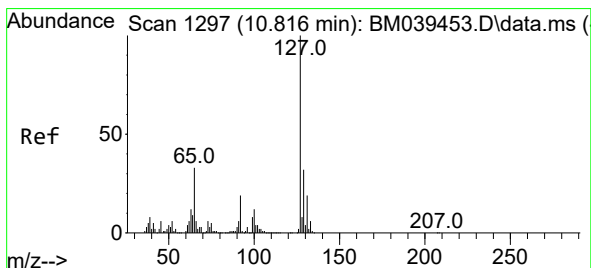
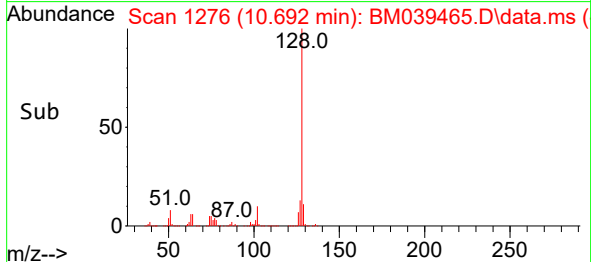
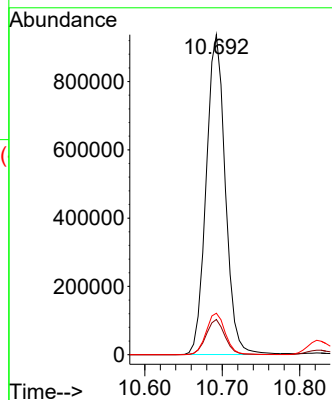
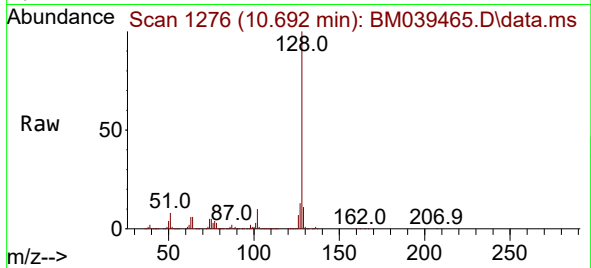




#30
Naphthalene
Concen: 29.498 ng/ul
RT: 10.692 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM039465.D
Acq: 18 Apr 2023 19:40

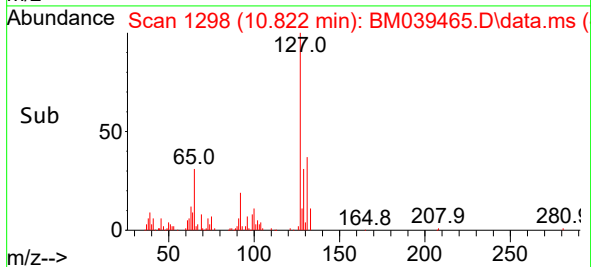
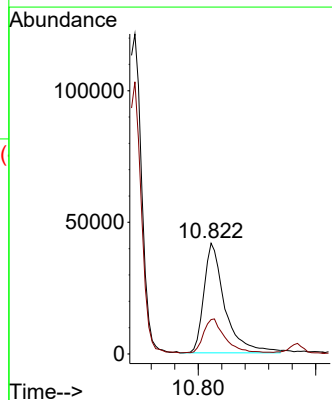
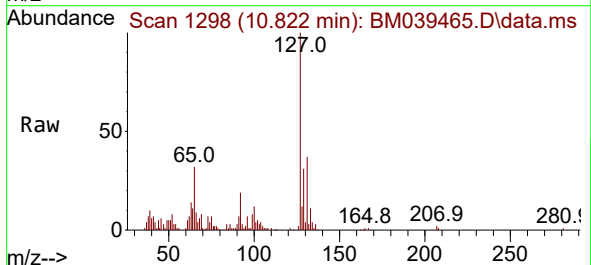
Instrument :
BNA_M
ClientSampleId :
SLCS151

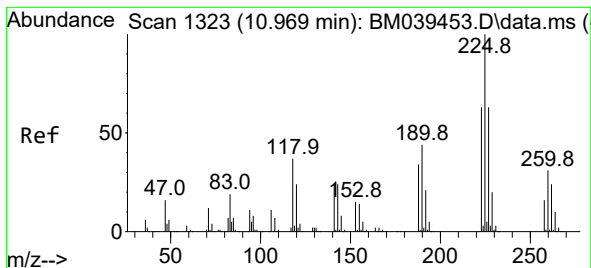
Tgt Ion:128 Resp: 1602629
Ion Ratio Lower Upper
128 100
129 11.0 8.9 13.3
127 13.0 10.5 15.7



#32
4-Chloroaniline
Concen: 4.604 ng/ul
RT: 10.822 min Scan# 1298
Delta R.T. 0.006 min
Lab File: BM039465.D
Acq: 18 Apr 2023 19:40

Tgt Ion:127 Resp: 103422
Ion Ratio Lower Upper
127 100
129 31.0 25.8 38.8





#33

Hexachlorobutadiene

Concen: 29.409 ng/ul

RT: 10.969 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM039465.D

Acq: 18 Apr 2023 19:40

Instrument :

BNA_M

ClientSampleId :

SLCS151

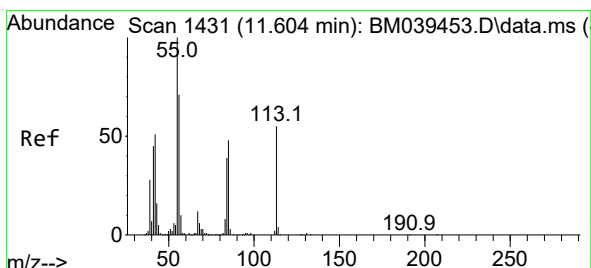
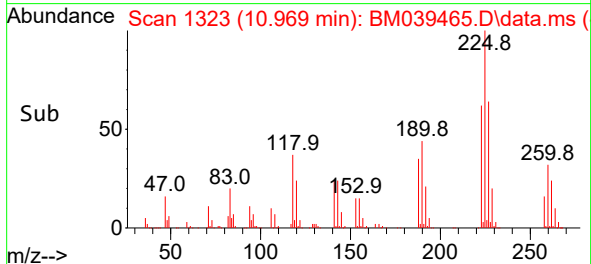
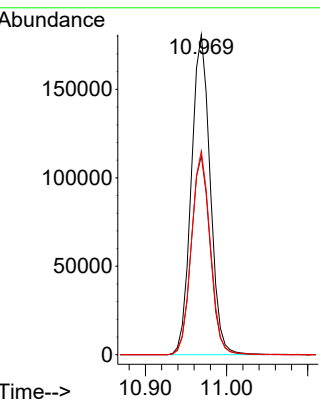
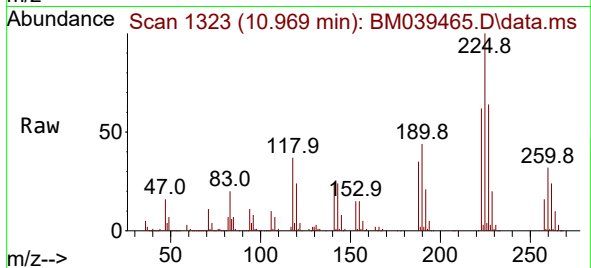
Tgt Ion:225 Resp: 291362

Ion Ratio Lower Upper

225 100

223 62.1 50.1 75.1

227 63.7 50.4 75.6



#34

Caprolactam

Concen: 16.073 ng/ul

RT: 11.610 min Scan# 1432

Delta R.T. 0.006 min

Lab File: BM039465.D

Acq: 18 Apr 2023 19:40

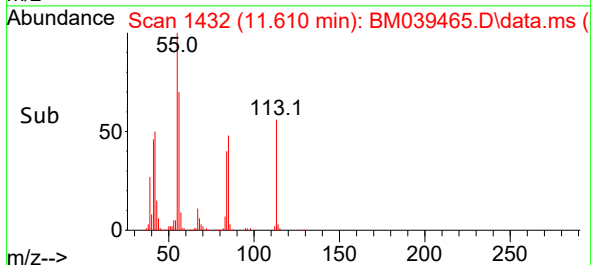
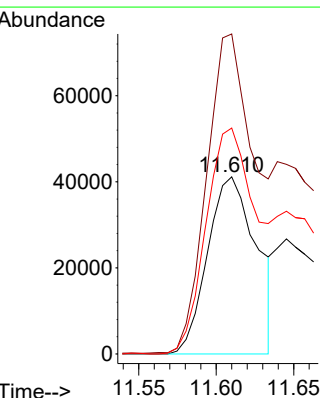
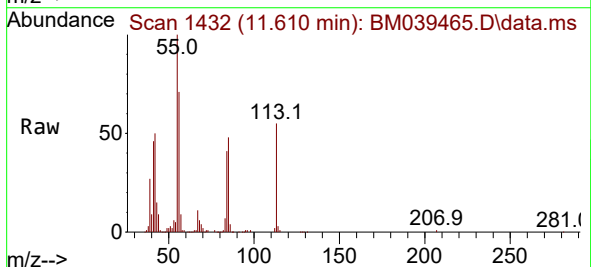
Tgt Ion:113 Resp: 89995

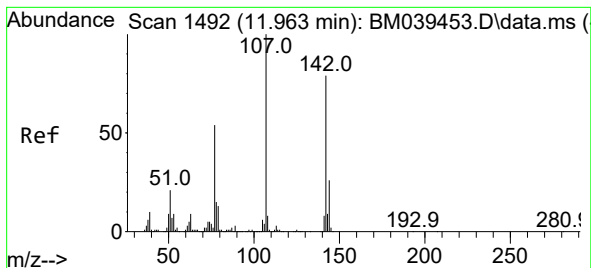
Ion Ratio Lower Upper

113 100

55 180.6 145.5 218.3

56 127.5 103.9 155.9

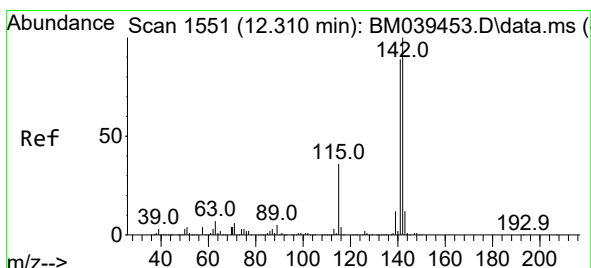
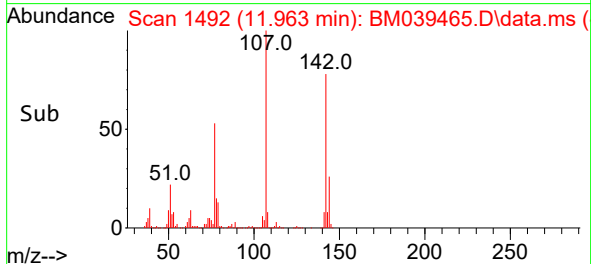
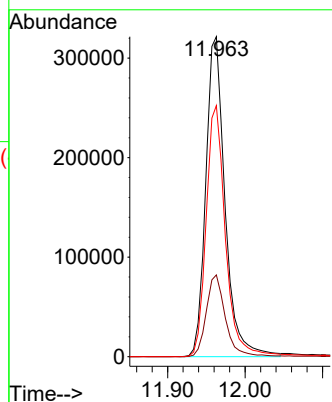
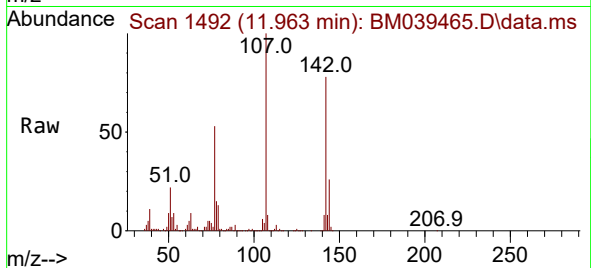




#35
 4-Chloro-3-methylphenol
 Concen: 31.653 ng/ul
 RT: 11.963 min Scan# 1492
 Delta R.T. -0.000 min
 Lab File: BM039465.D
 Acq: 18 Apr 2023 19:40

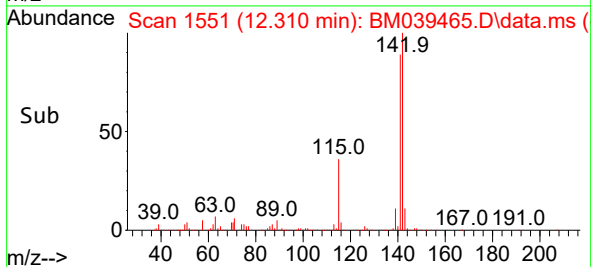
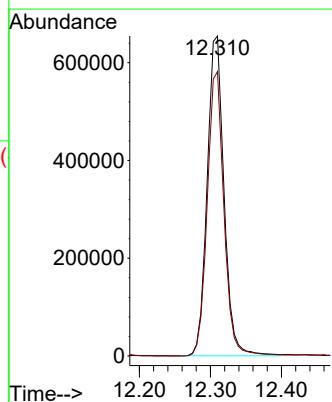
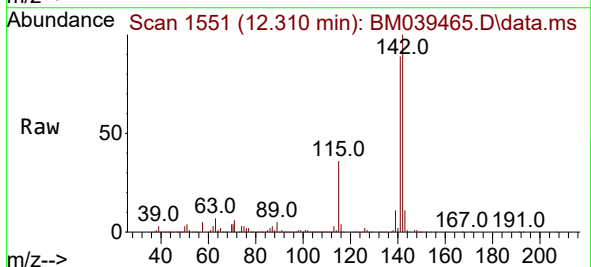
Instrument :
 BNA_M
 ClientSampleId :
 SLCS151

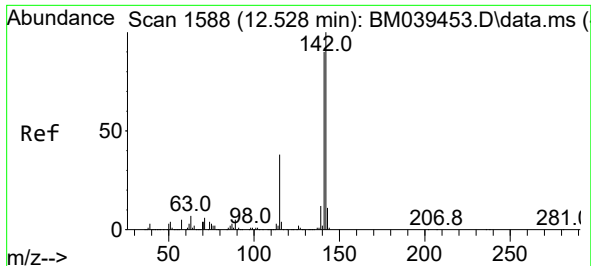
Tgt Ion:107 Resp: 555682
 Ion Ratio Lower Upper
 107 100
 144 25.5 21.0 31.4
 142 78.4 62.9 94.3



#36
 2-Methylnaphthalene
 Concen: 29.631 ng/ul
 RT: 12.310 min Scan# 1551
 Delta R.T. -0.000 min
 Lab File: BM039465.D
 Acq: 18 Apr 2023 19:40

Tgt Ion:142 Resp: 1079196
 Ion Ratio Lower Upper
 142 100
 141 88.9 71.1 106.7





#37

1-Methylnaphthalene

Concen: 30.453 ng/ul

RT: 12.528 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM039465.D

Acq: 18 Apr 2023 19:40

Instrument :

BNA_M

ClientSampleId :

SLCS151

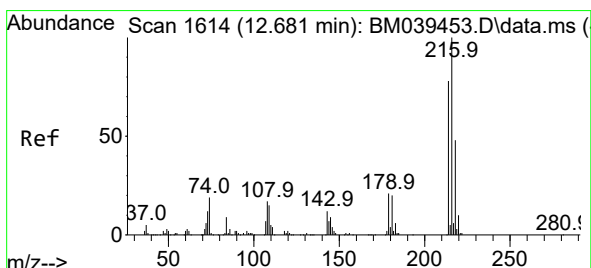
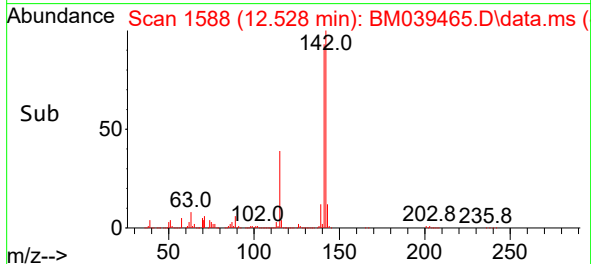
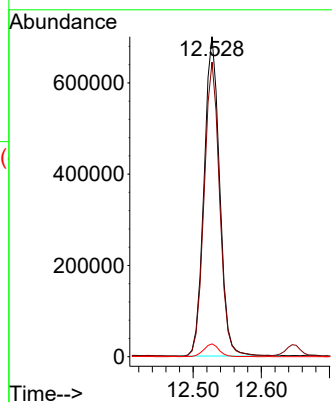
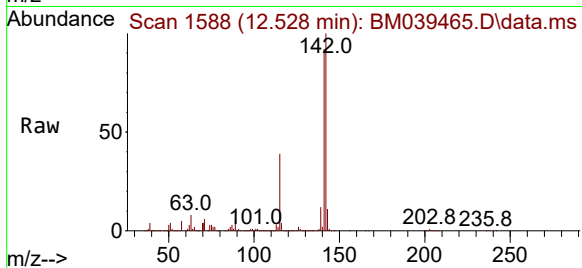
Tgt Ion:142 Resp: 1114612

Ion Ratio Lower Upper

142 100

141 92.0 72.0 108.0

116 4.0 3.2 4.8



#39

1,2,4,5-Tetrachlorobenzene

Concen: 29.261 ng/ul

RT: 12.675 min Scan# 1613

Delta R.T. -0.006 min

Lab File: BM039465.D

Acq: 18 Apr 2023 19:40

Tgt Ion:216 Resp: 555912

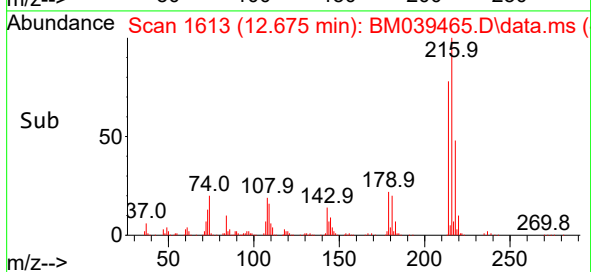
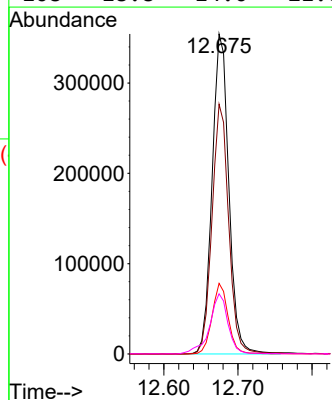
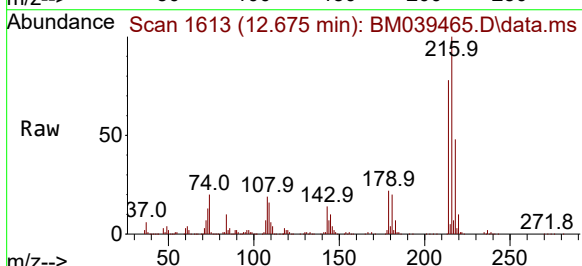
Ion Ratio Lower Upper

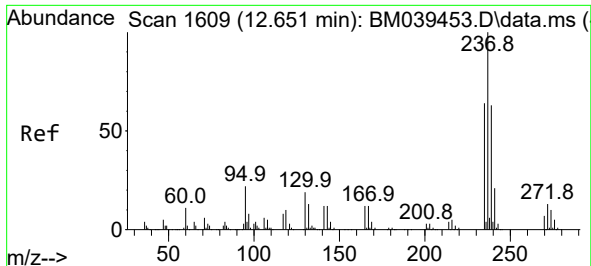
216 100

214 78.0 62.2 93.2

179 22.0 16.5 24.7

108 18.8 14.0 21.0

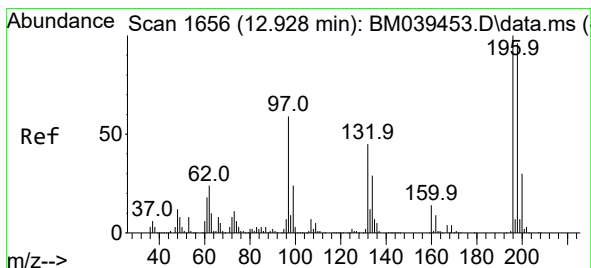
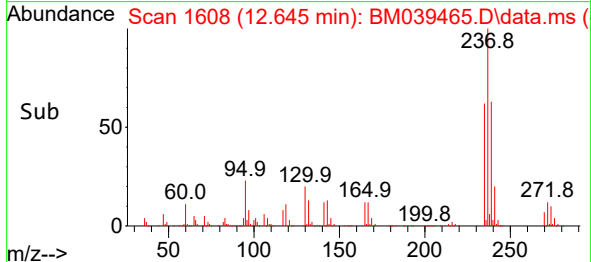
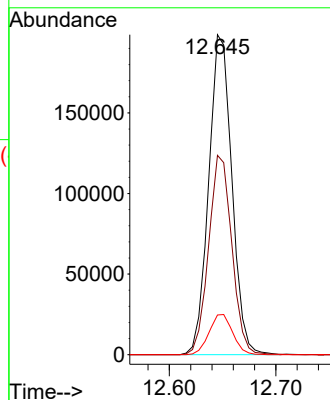
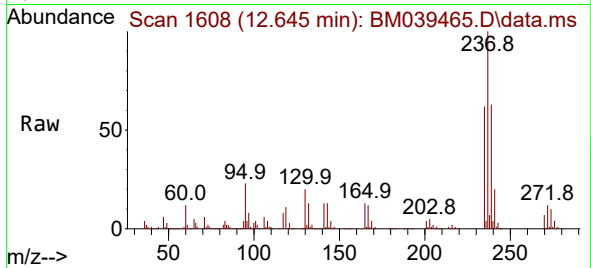




#40
Hexachlorocyclopentadiene
Concen: 26.496 ng/ul
RT: 12.645 min Scan# 1608
Delta R.T. -0.006 min
Lab File: BM039465.D
Acq: 18 Apr 2023 19:40

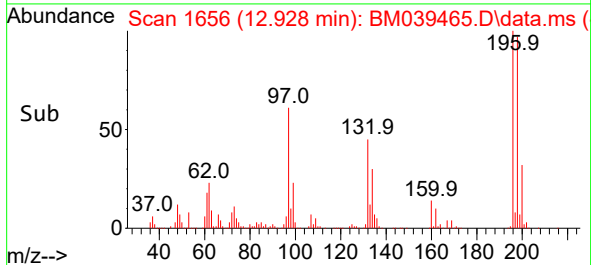
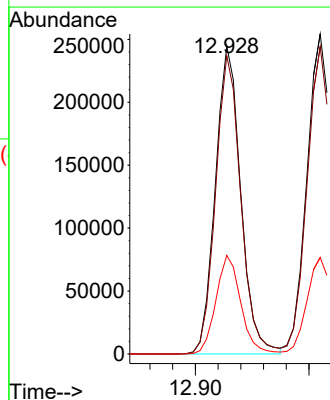
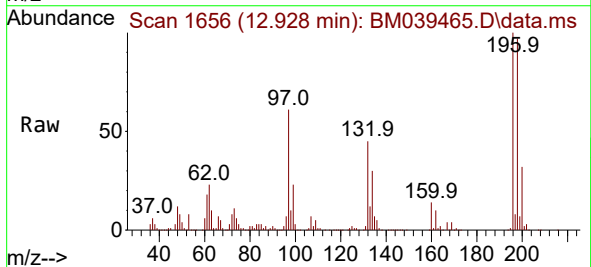
Instrument :
BNA_M
ClientSampleId :
SLCS151

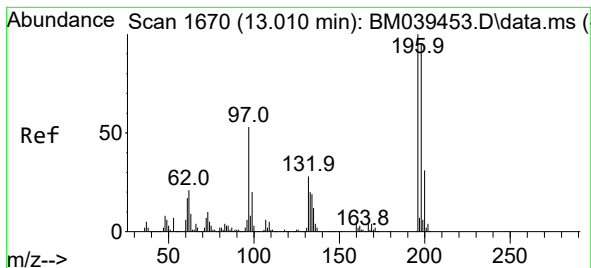
Tgt Ion:237 Resp: 299916
Ion Ratio Lower Upper
237 100
235 62.3 50.9 76.3
272 12.4 10.3 15.5



#41
2,4,6-Trichlorophenol
Concen: 29.951 ng/ul
RT: 12.928 min Scan# 1656
Delta R.T. 0.000 min
Lab File: BM039465.D
Acq: 18 Apr 2023 19:40

Tgt Ion:196 Resp: 380138
Ion Ratio Lower Upper
196 100
198 96.8 76.7 115.1
200 32.0 23.8 35.6





#42

2,4,5-Trichlorophenol

Concen: 31.831 ng/ul

RT: 13.010 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM039465.D

Acq: 18 Apr 2023 19:40

Instrument :

BNA_M

ClientSampleId :

SLCS151

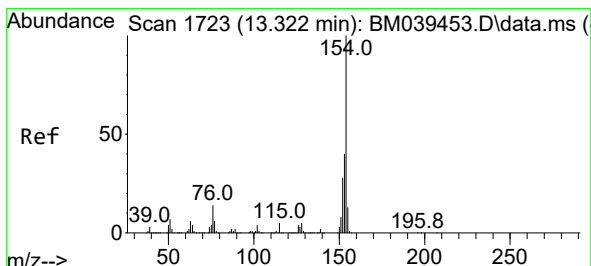
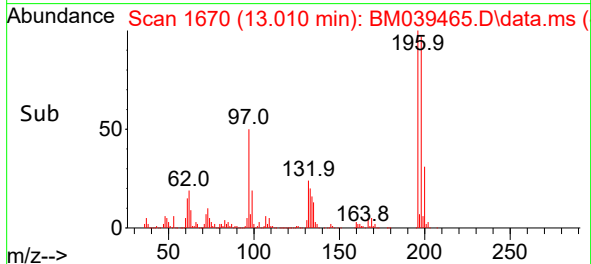
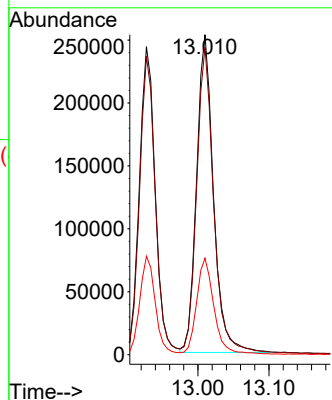
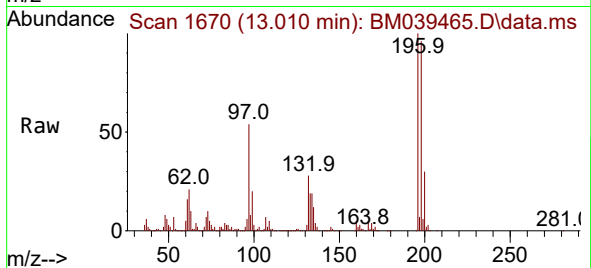
Tgt Ion:196 Resp: 419892

Ion Ratio Lower Upper

196 100

198 96.0 75.7 113.5

200 30.1 24.6 36.8



#43

1,1'-Biphenyl

Concen: 29.772 ng/ul

RT: 13.322 min Scan# 1723

Delta R.T. -0.000 min

Lab File: BM039465.D

Acq: 18 Apr 2023 19:40

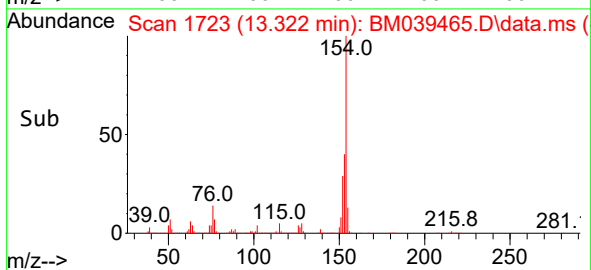
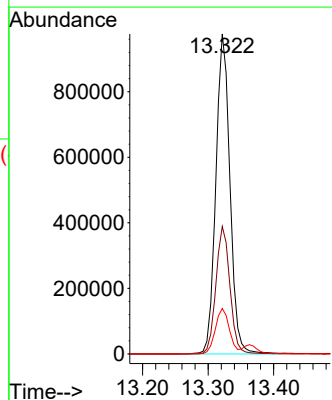
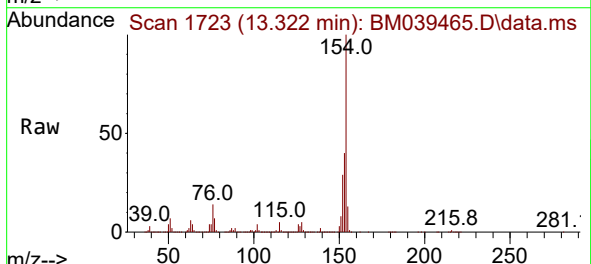
Tgt Ion:154 Resp: 1456250

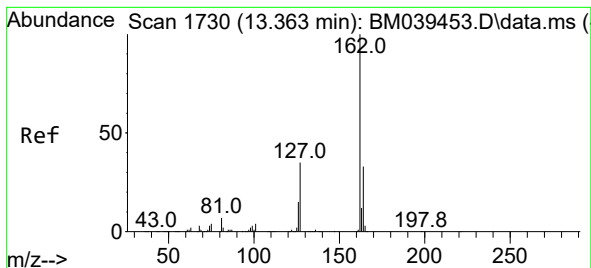
Ion Ratio Lower Upper

154 100

153 39.8 31.9 47.9

76 14.2 11.5 17.3





#44

2-Chloronaphthalene

Concen: 29.809 ng/ul

RT: 13.363 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM039465.D

Acq: 18 Apr 2023 19:40

Instrument :

BNA_M

ClientSampleId :

SLCS151

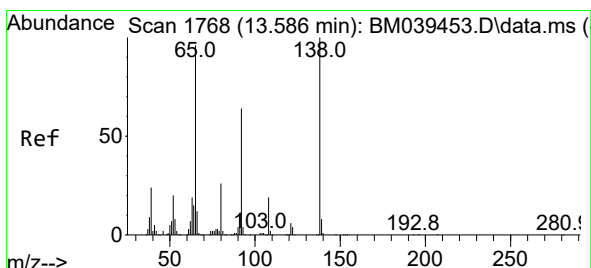
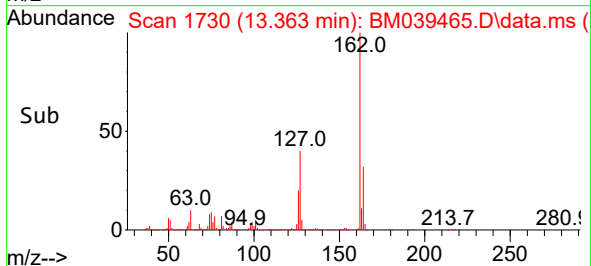
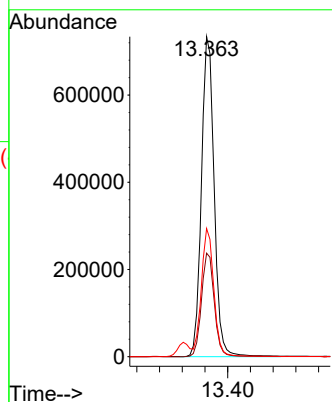
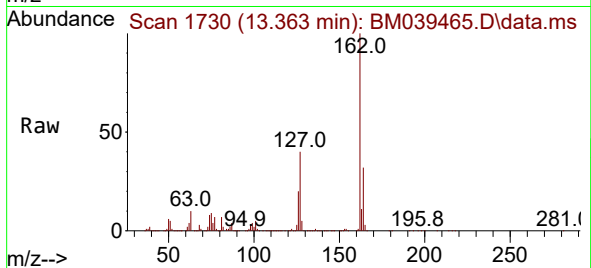
Tgt Ion:162 Resp: 1143754

Ion Ratio Lower Upper

162 100

164 32.3 26.1 39.1

127 40.1 31.4 47.2



#45

2-Nitroaniline

Concen: 32.608 ng/ul

RT: 13.586 min Scan# 1768

Delta R.T. 0.000 min

Lab File: BM039465.D

Acq: 18 Apr 2023 19:40

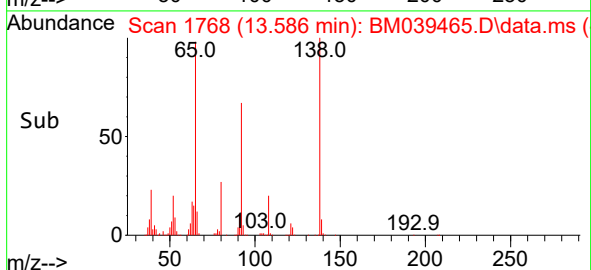
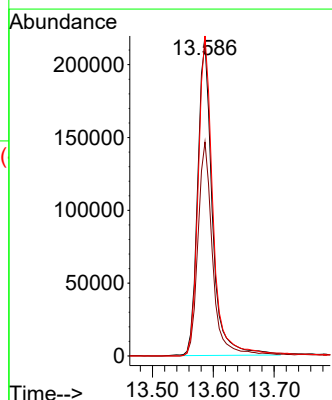
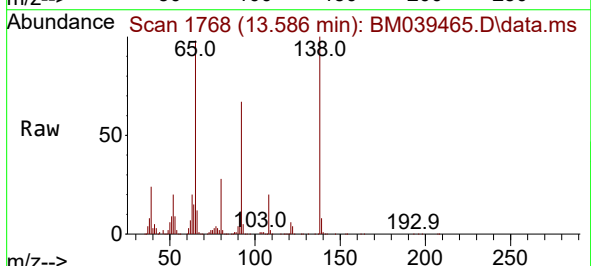
Tgt Ion: 65 Resp: 361057

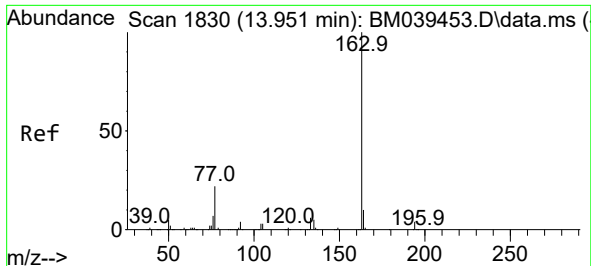
Ion Ratio Lower Upper

65 100

92 68.4 53.4 80.2

138 102.4 83.2 124.8

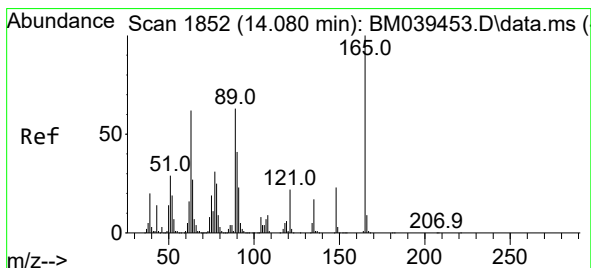
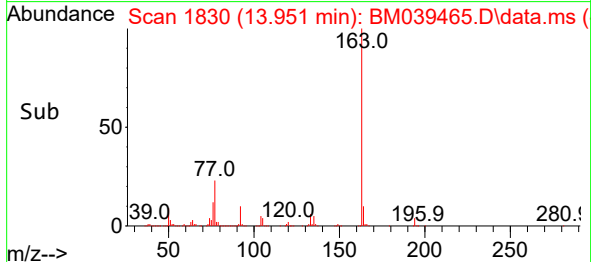
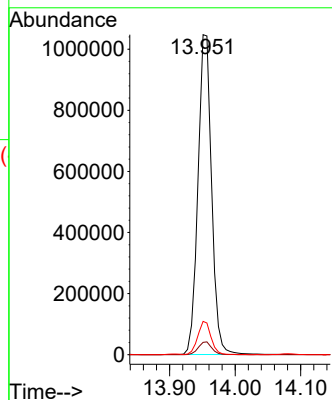
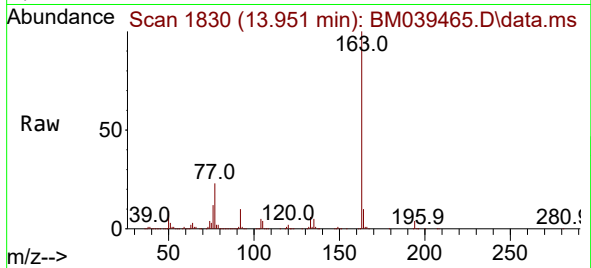




#47
Dimethylphthalate
Concen: 30.000 ng/ul
RT: 13.951 min Scan# 1830
Delta R.T. 0.000 min
Lab File: BM039465.D
Acq: 18 Apr 2023 19:40

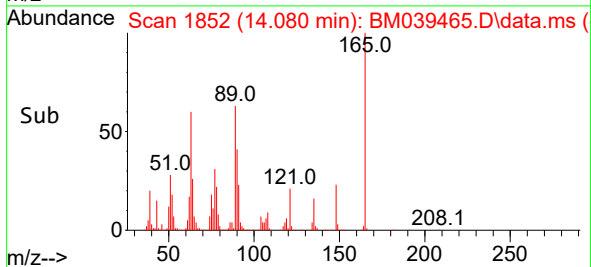
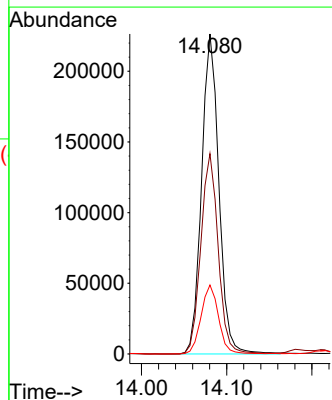
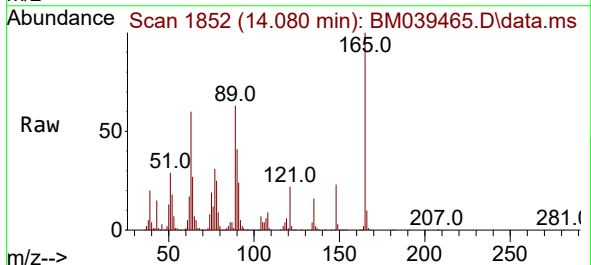
Instrument :
BNA_M
ClientSampleId :
SLCS151

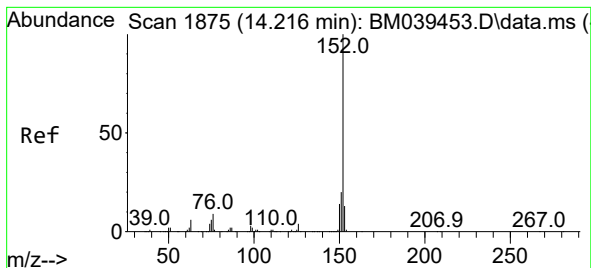
Tgt Ion:163 Resp: 1516165
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 10.4 8.2 12.2



#48
2,6-Dinitrotoluene
Concen: 31.216 ng/ul
RT: 14.080 min Scan# 1852
Delta R.T. 0.000 min
Lab File: BM039465.D
Acq: 18 Apr 2023 19:40

Tgt Ion:165 Resp: 319067
Ion Ratio Lower Upper
165 100
89 62.6 50.6 76.0
121 21.5 17.3 25.9





#50

Acenaphthylene

Concen: 29.783 ng/ul

RT: 14.210 min Scan# 11

Delta R.T. -0.006 min

Lab File: BM039465.D

Acq: 18 Apr 2023 19:40

Instrument :

BNA_M

ClientSampleId :

SLCS151

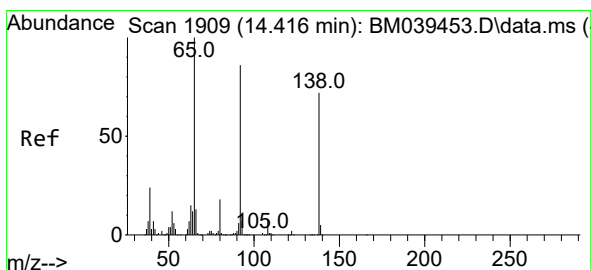
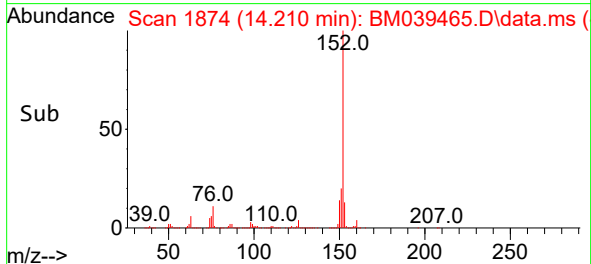
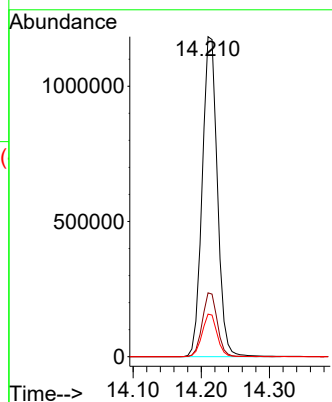
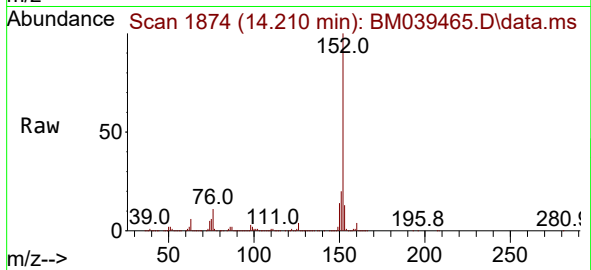
Tgt Ion:152 Resp: 1826899

Ion Ratio Lower Upper

152 100

151 19.9 15.8 23.8

153 13.3 10.4 15.6



#51

3-Nitroaniline

Concen: 3.243 ng/ul

RT: 14.422 min Scan# 1910

Delta R.T. 0.006 min

Lab File: BM039465.D

Acq: 18 Apr 2023 19:40

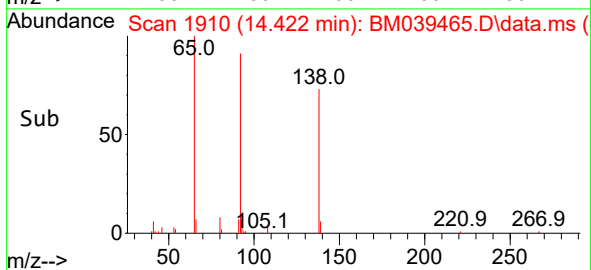
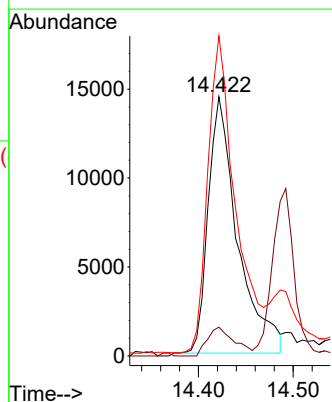
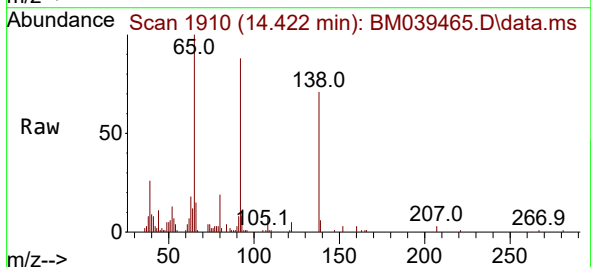
Tgt Ion:138 Resp: 31073

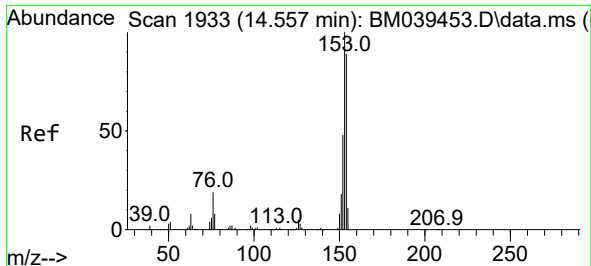
Ion Ratio Lower Upper

138 100

108 11.1 8.8 13.2

92 123.5 95.5 143.3

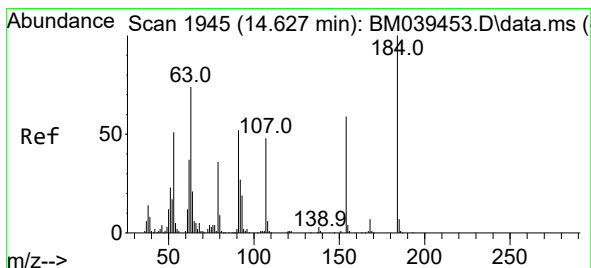
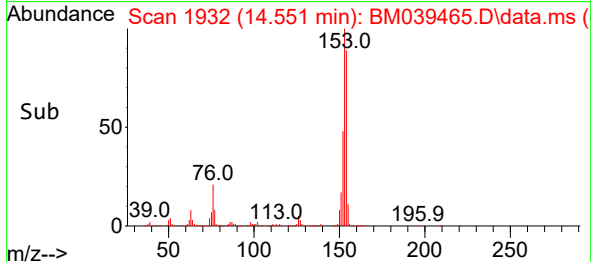
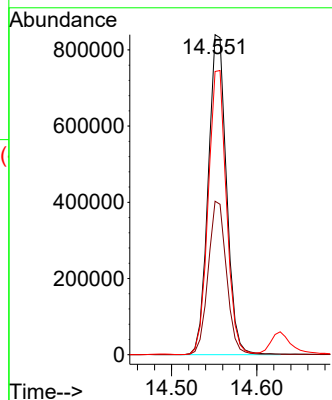
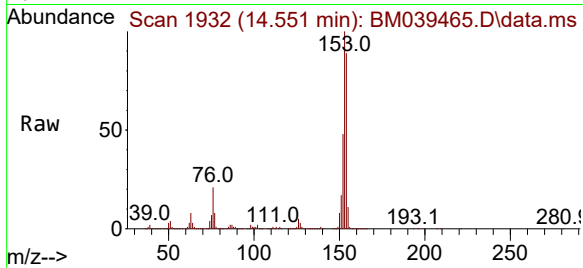




#52
Acenaphthene
Concen: 29.638 ng/ul
RT: 14.551 min Scan# 1932
Delta R.T. -0.006 min
Lab File: BM039465.D
Acq: 18 Apr 2023 19:40

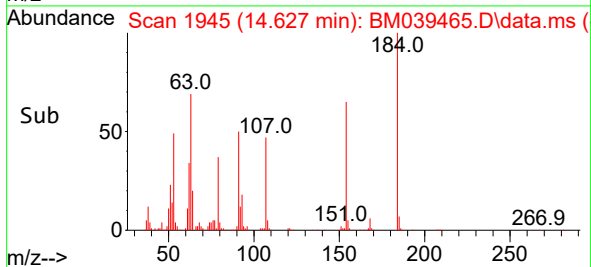
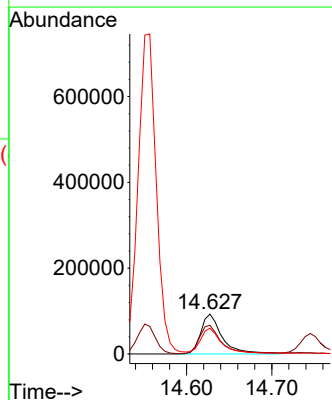
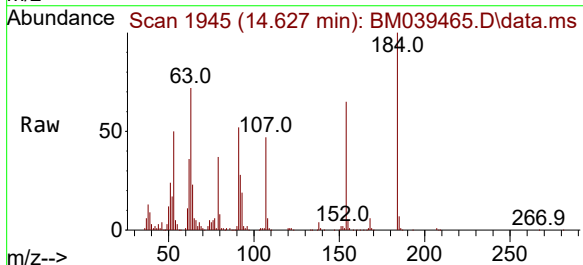
Instrument :
BNA_M
ClientSampleId :
SLCS151

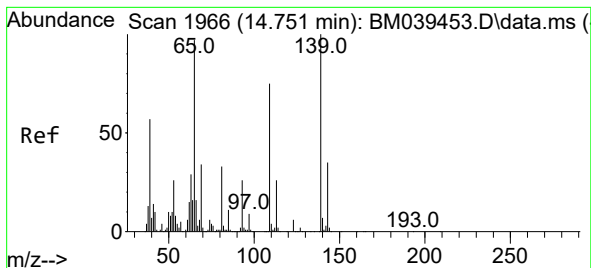
Tgt Ion:153 Resp: 1251698
Ion Ratio Lower Upper
153 100
152 47.9 38.2 57.4
154 88.5 71.0 106.4



#53
2,4-Dinitrophenol
Concen: 29.792 ng/ul
RT: 14.627 min Scan# 1945
Delta R.T. -0.000 min
Lab File: BM039465.D
Acq: 18 Apr 2023 19:40

Tgt Ion:184 Resp: 162093
Ion Ratio Lower Upper
184 100
63 71.7 60.0 90.0
154 64.5 51.8 77.6

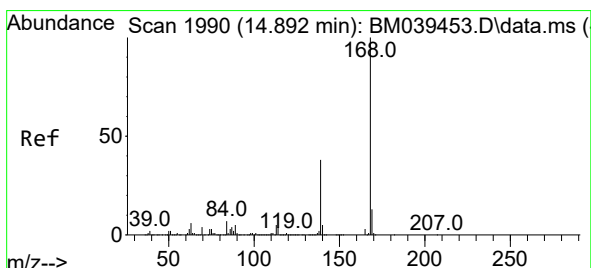
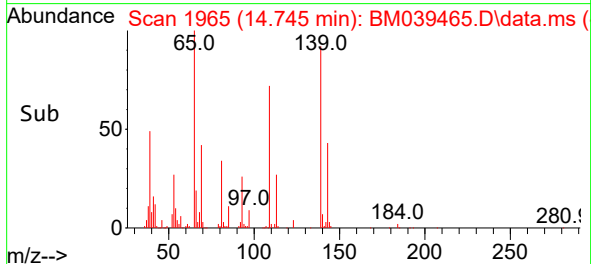
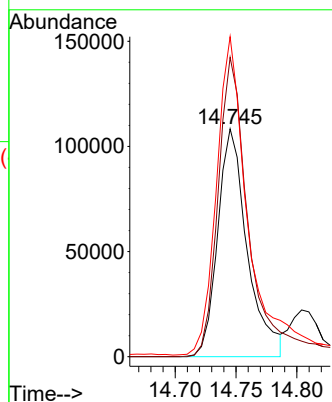
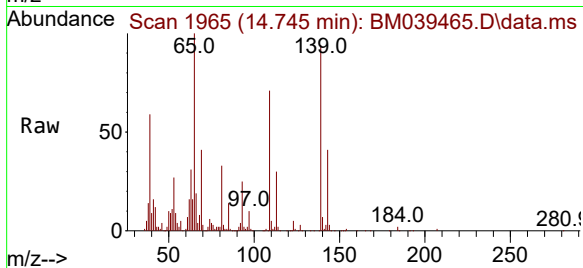




#55
4-Nitrophenol
Concen: 31.216 ng/ul
RT: 14.745 min Scan# 1965
Delta R.T. -0.006 min
Lab File: BM039465.D
Acq: 18 Apr 2023 19:40

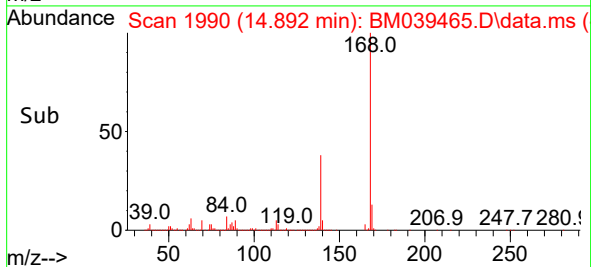
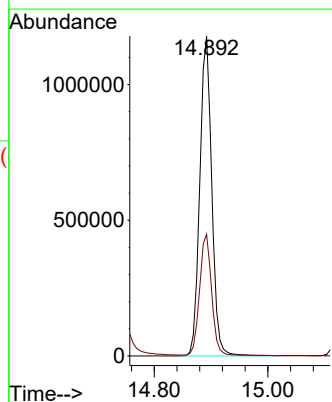
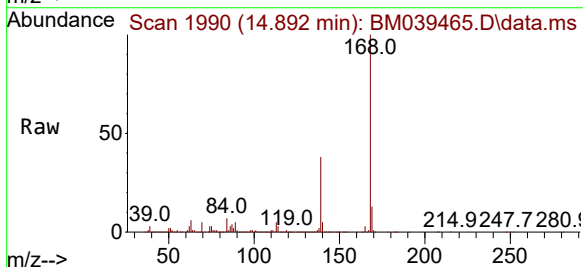
Instrument :
BNA_M
ClientSampleId :
SLCS151

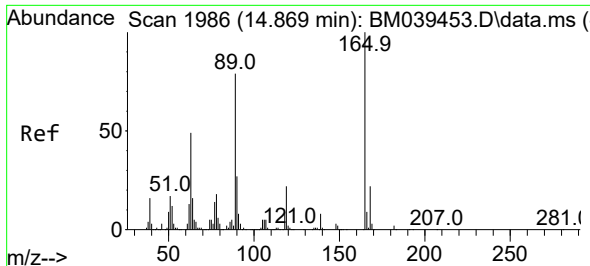
Tgt Ion:109 Resp: 183174
Ion Ratio Lower Upper
109 100
139 131.4 106.4 159.6
65 140.5 104.8 157.2



#56
Dibenzofuran
Concen: 30.161 ng/ul
RT: 14.892 min Scan# 1990
Delta R.T. 0.000 min
Lab File: BM039465.D
Acq: 18 Apr 2023 19:40

Tgt Ion:168 Resp: 1731337
Ion Ratio Lower Upper
168 100
139 38.1 30.7 46.1





#57

2,4-Dinitrotoluene

Concen: 31.705 ng/ul

RT: 14.869 min Scan# 1986

Delta R.T. 0.000 min

Lab File: BM039465.D

Acq: 18 Apr 2023 19:40

Instrument :

BNA_M

ClientSampleId :

SLCS151

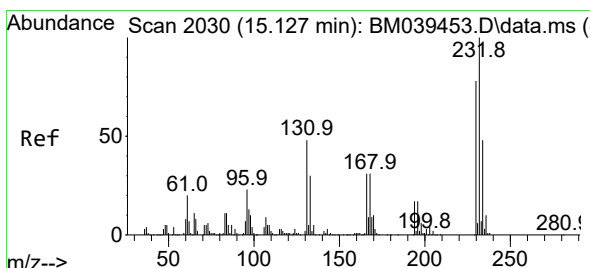
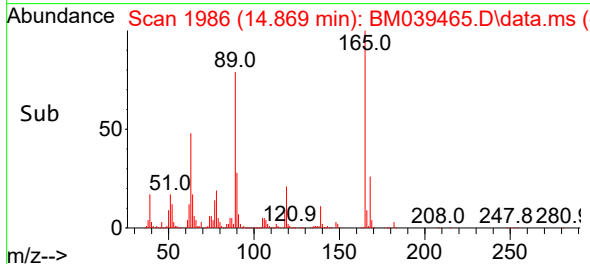
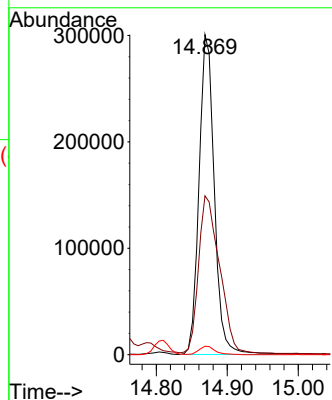
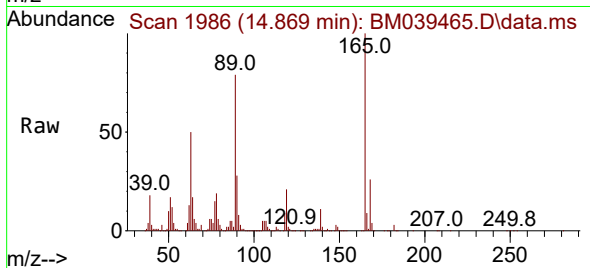
Tgt Ion:165 Resp: 450284

Ion Ratio Lower Upper

165 100

63 49.6 39.4 59.2

182 2.6 2.0 3.0



#58

2,3,4,6-Tetrachlorophenol

Concen: 30.223 ng/ul

RT: 15.121 min Scan# 2029

Delta R.T. -0.006 min

Lab File: BM039465.D

Acq: 18 Apr 2023 19:40

Tgt Ion:232 Resp: 356857

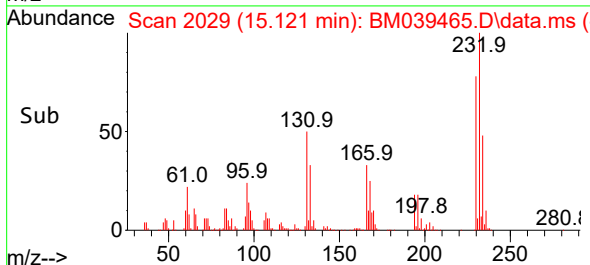
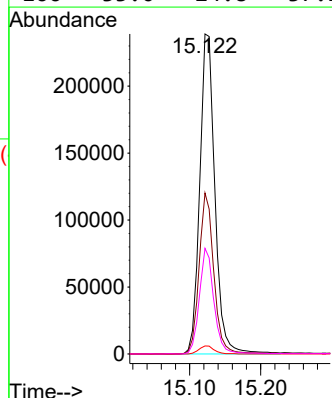
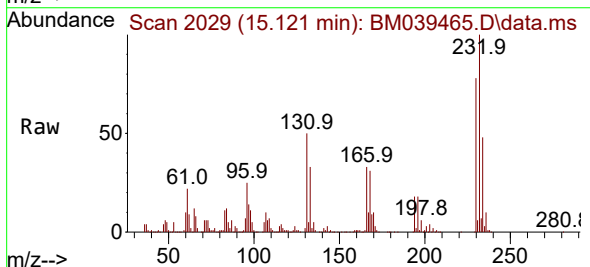
Ion Ratio Lower Upper

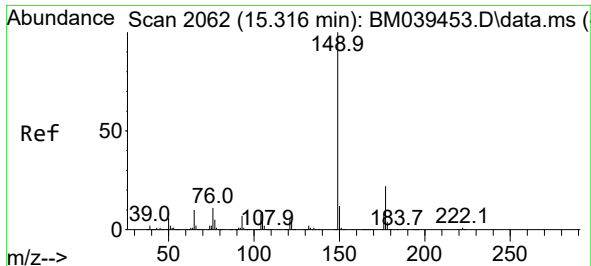
232 100

131 50.3 38.0 57.0

130 2.5 2.0 3.0

166 33.0 24.8 37.2

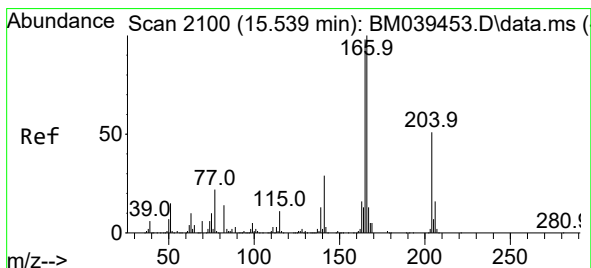
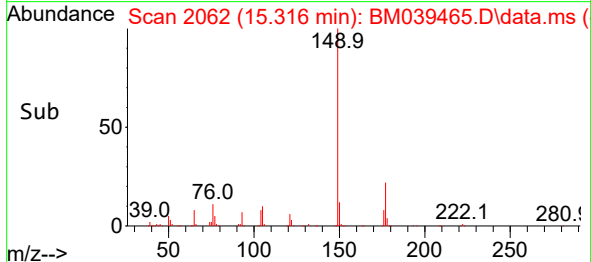
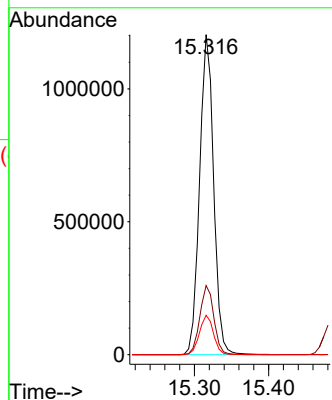
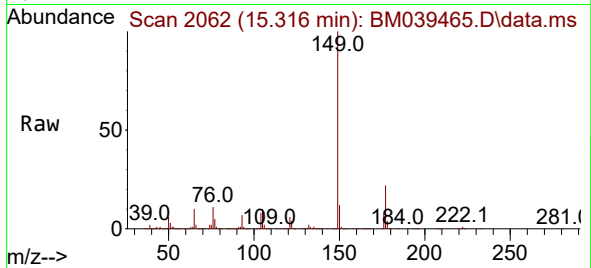




#59
Diethylphthalate
Concen: 30.299 ng/ul
RT: 15.316 min Scan# 2062
Delta R.T. 0.000 min
Lab File: BM039465.D
Acq: 18 Apr 2023 19:40

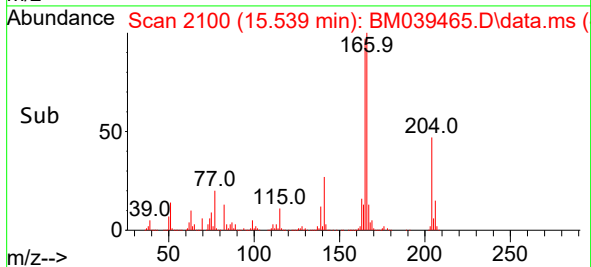
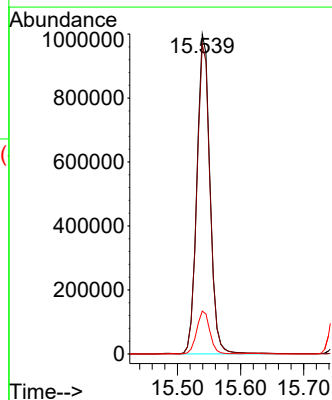
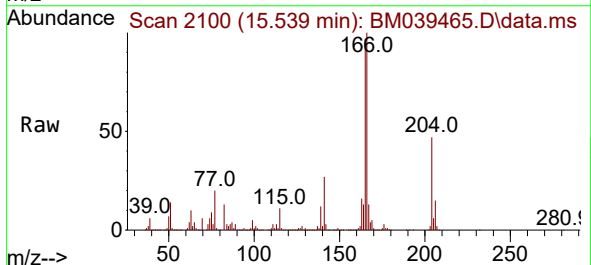
Instrument :
BNA_M
ClientSampleId :
SLCS151

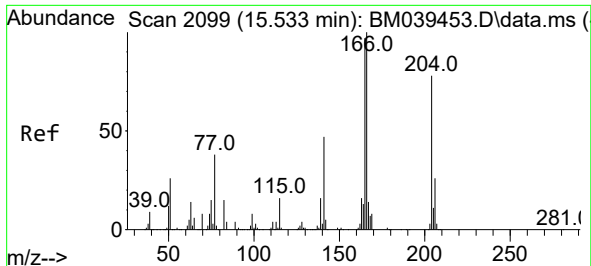
Tgt Ion:149 Resp: 1587376
Ion Ratio Lower Upper
149 100
177 21.6 17.3 25.9
150 12.3 9.8 14.6



#61
Fluorene
Concen: 30.234 ng/ul
RT: 15.539 min Scan# 2100
Delta R.T. 0.000 min
Lab File: BM039465.D
Acq: 18 Apr 2023 19:40

Tgt Ion:166 Resp: 1435679
Ion Ratio Lower Upper
166 100
165 96.8 78.2 117.2
167 13.4 10.7 16.1

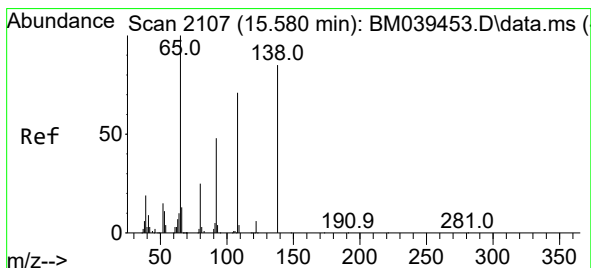
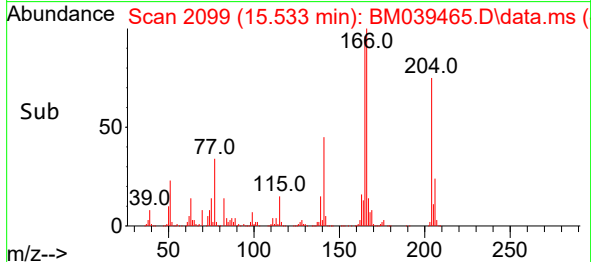
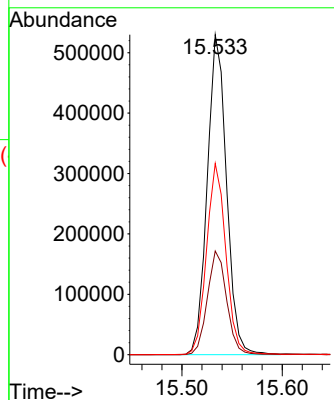
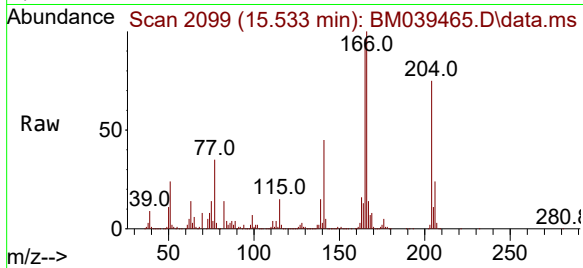




#62
4-Chlorophenyl-phenylether
Concen: 30.214 ng/ul
RT: 15.533 min Scan# 2099
Delta R.T. 0.000 min
Lab File: BM039465.D
Acq: 18 Apr 2023 19:40

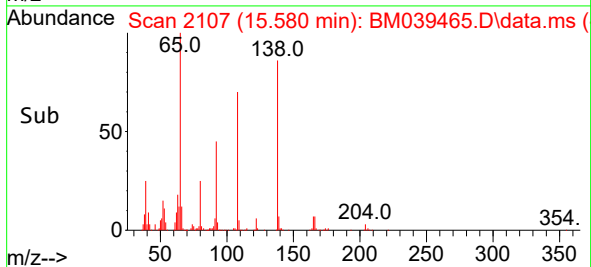
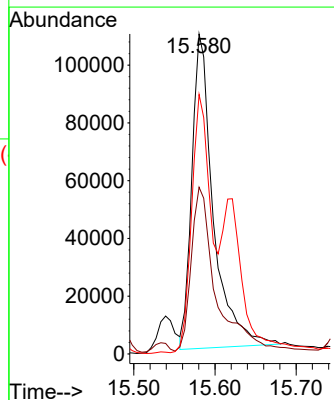
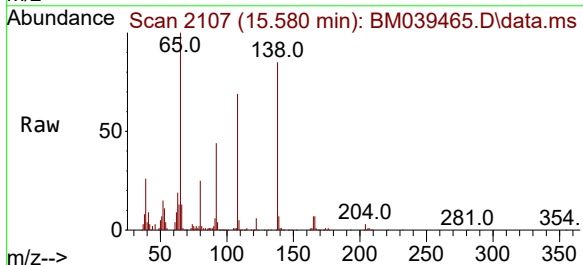
Instrument :
BNA_M
ClientSampleId :
SLCS151

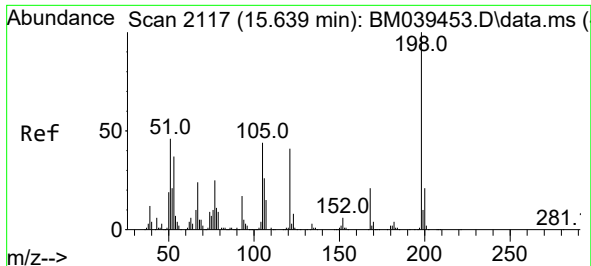
Tgt Ion:204 Resp: 711104
Ion Ratio Lower Upper
204 100
206 32.4 26.8 40.2
141 59.8 48.5 72.7



#63
4-Nitroaniline
Concen: 27.226 ng/ul
RT: 15.580 min Scan# 2107
Delta R.T. 0.000 min
Lab File: BM039465.D
Acq: 18 Apr 2023 19:40

Tgt Ion:138 Resp: 200024
Ion Ratio Lower Upper
138 100
92 52.1 44.1 66.1
108 81.1 64.6 97.0

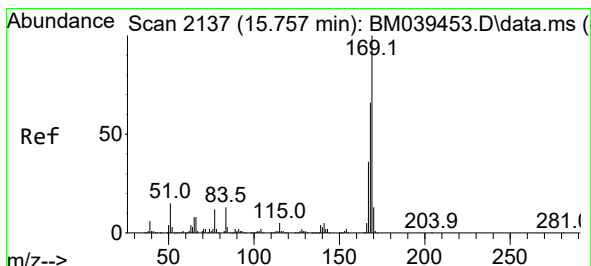
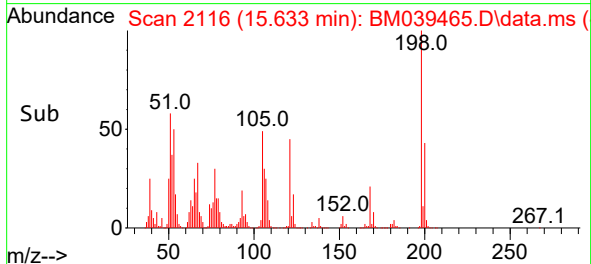
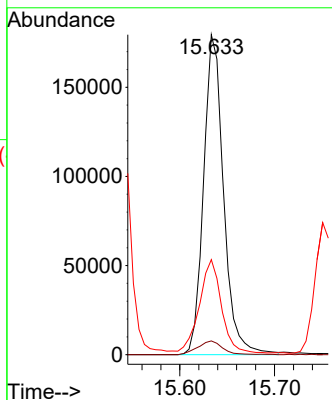
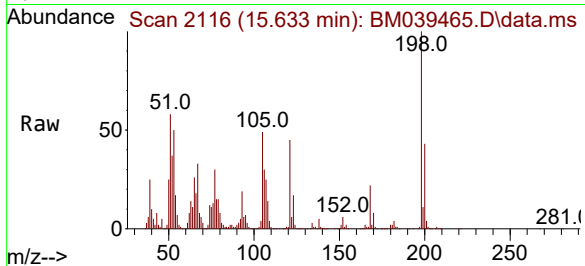




#66
4,6-Dinitro-2-methylphenol
Concen: 30.661 ng/ul
RT: 15.633 min Scan# 2116
Delta R.T. -0.006 min
Lab File: BM039465.D
Acq: 18 Apr 2023 19:40

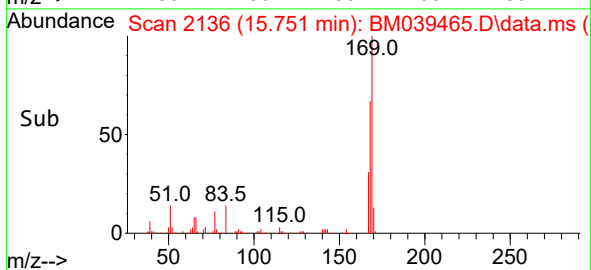
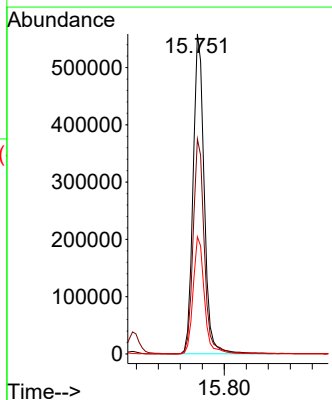
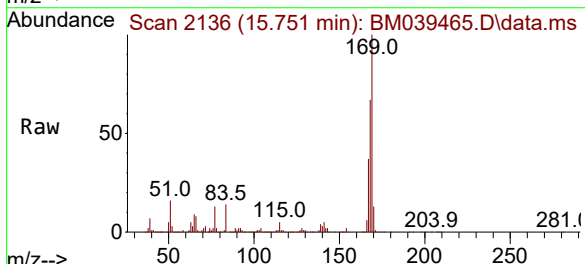
Instrument :
BNA_M
ClientSampleId :
SLCS151

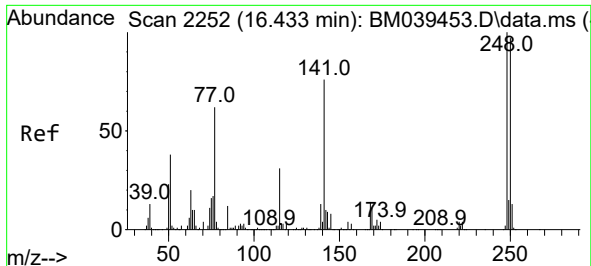
Tgt Ion:198 Resp: 262934
Ion Ratio Lower Upper
198 100
182 4.3 3.1 4.7
77 29.7 20.6 31.0



#67
N-Nitrosodiphenylamine
Concen: 19.553 ng/ul
RT: 15.751 min Scan# 2136
Delta R.T. -0.006 min
Lab File: BM039465.D
Acq: 18 Apr 2023 19:40

Tgt Ion:169 Resp: 781925
Ion Ratio Lower Upper
169 100
168 67.2 53.2 79.8
167 36.6 28.9 43.3

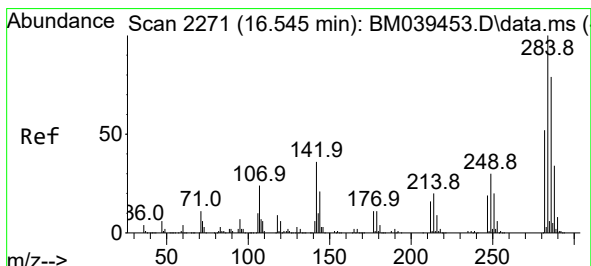
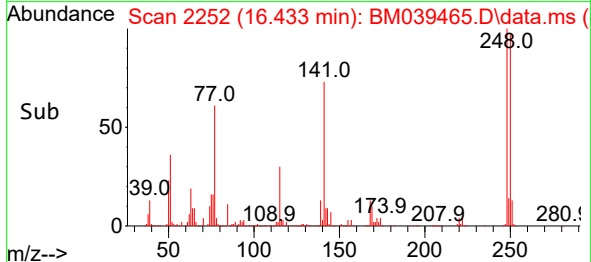
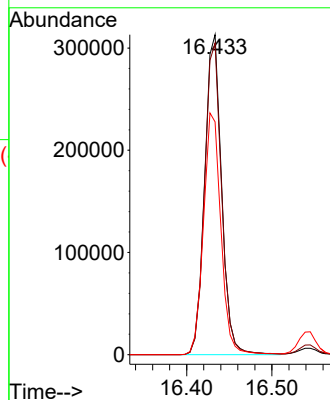
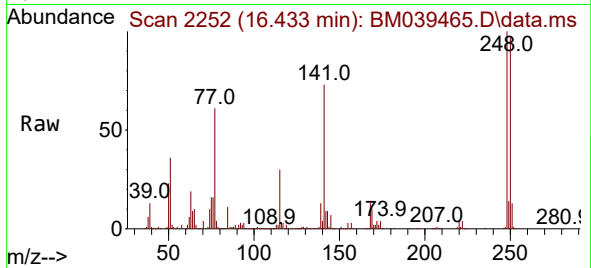




#68
4-Bromophenyl-phenylether
Concen: 29.942 ng/ul
RT: 16.433 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM039465.D
Acq: 18 Apr 2023 19:40

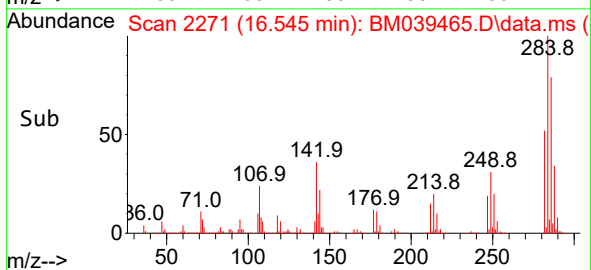
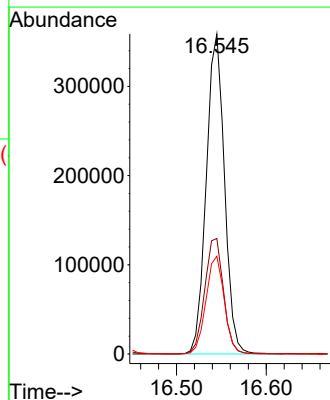
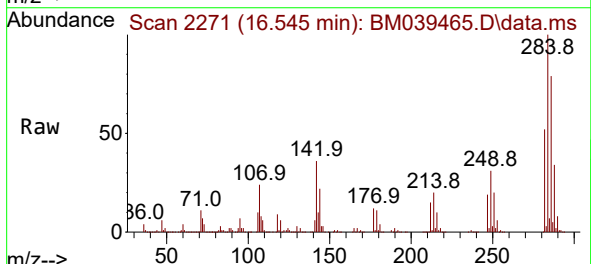
Instrument :
BNA_M
ClientSampleId :
SLCS151

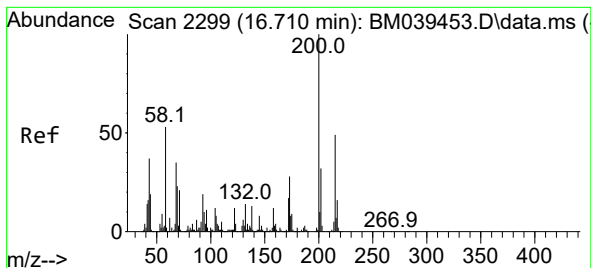
Tgt Ion:248 Resp: 434063
Ion Ratio Lower Upper
248 100
250 97.3 77.7 116.5
141 72.8 61.0 91.4



#69
Hexachlorobenzene
Concen: 30.323 ng/ul
RT: 16.545 min Scan# 2271
Delta R.T. 0.000 min
Lab File: BM039465.D
Acq: 18 Apr 2023 19:40

Tgt Ion:284 Resp: 505011
Ion Ratio Lower Upper
284 100
142 36.1 28.9 43.3
249 30.5 23.9 35.9





#70

Atrazine

Concen: 1.122 ng/ul

RT: 16.710 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM039465.D

Acq: 18 Apr 2023 19:40

Instrument :

BNA_M

ClientSampleId :

SLCS151

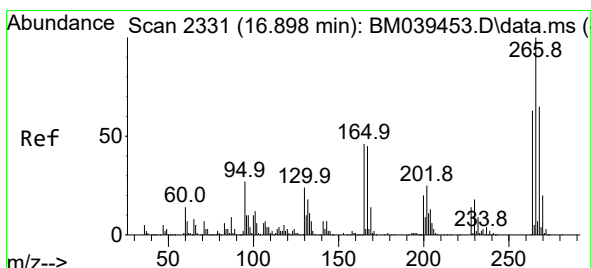
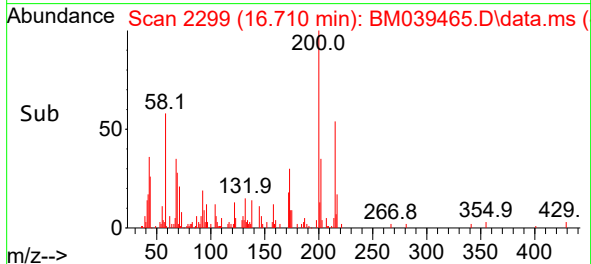
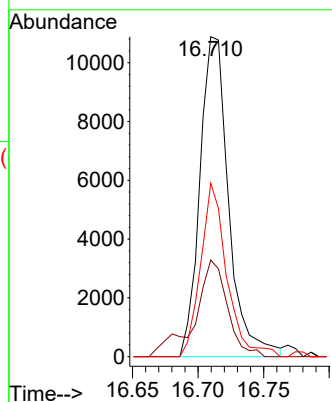
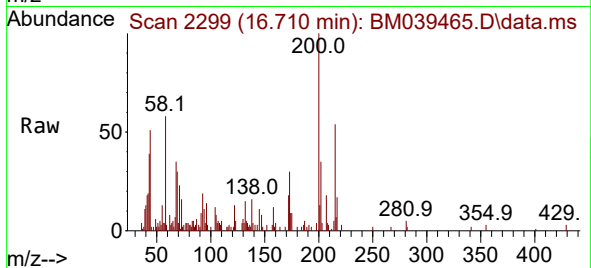
Tgt Ion:200 Resp: 16652

Ion Ratio Lower Upper

200 100

173 30.2 22.2 33.2

215 54.2 38.9 58.3



#71

Pentachlorophenol

Concen: 29.231 ng/ul

RT: 16.898 min Scan# 2331

Delta R.T. 0.000 min

Lab File: BM039465.D

Acq: 18 Apr 2023 19:40

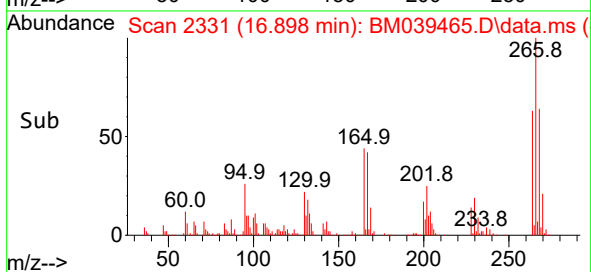
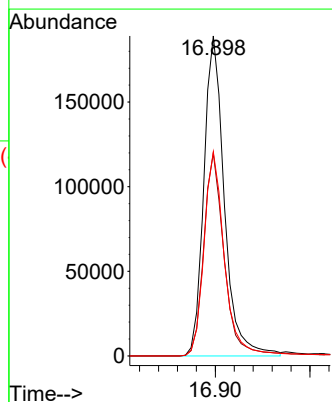
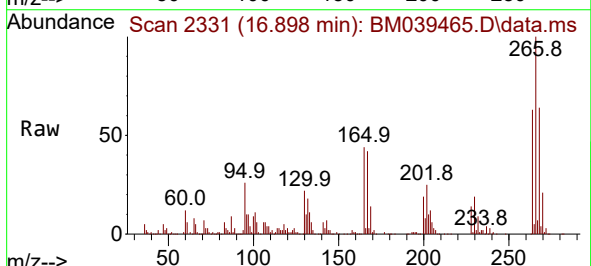
Tgt Ion:266 Resp: 284589

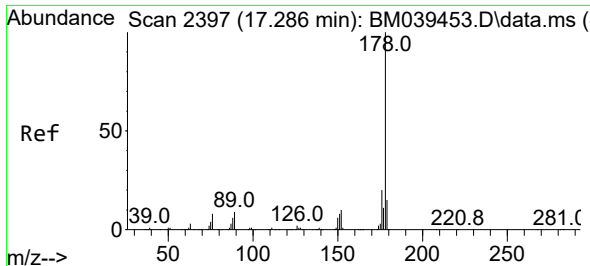
Ion Ratio Lower Upper

266 100

264 63.4 50.2 75.4

268 63.8 51.9 77.9

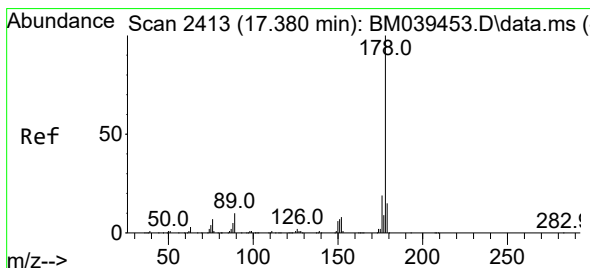
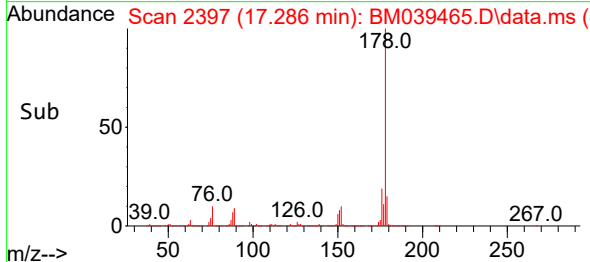
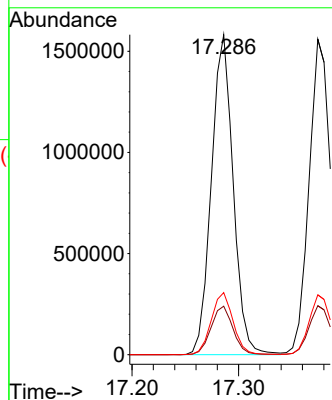
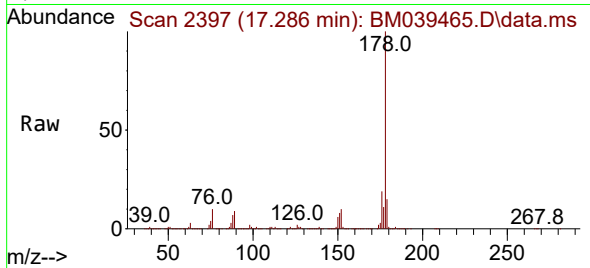




#72
Phenanthrene
Concen: 30.188 ng/ul
RT: 17.286 min Scan# 211
Delta R.T. -0.000 min
Lab File: BM039465.D
Acq: 18 Apr 2023 19:40

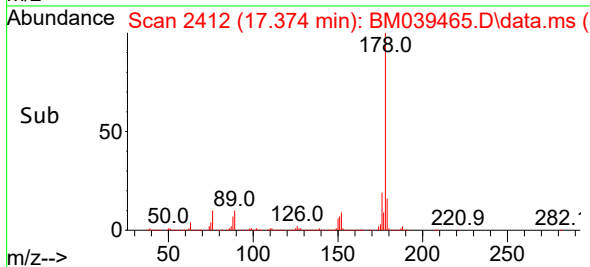
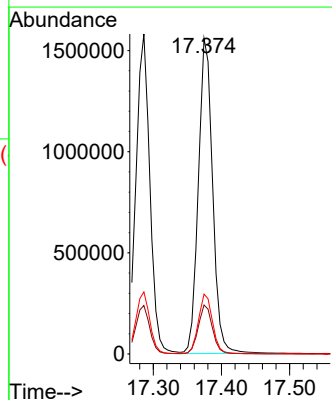
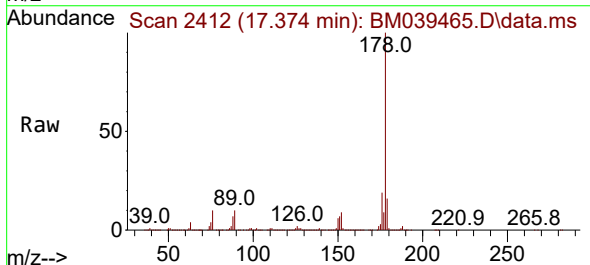
Instrument :
BNA_M
ClientSampleId :
SLCS151

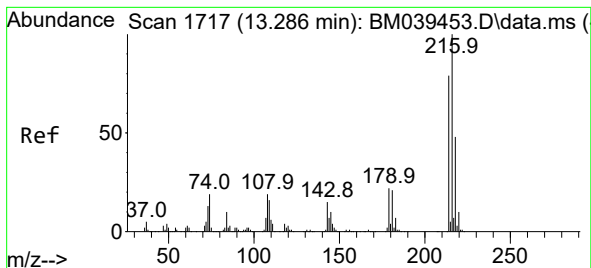
Tgt Ion:178 Resp: 2249512
Ion Ratio Lower Upper
178 100
179 15.2 12.2 18.4
176 19.4 15.8 23.8



#74
Anthracene
Concen: 30.228 ng/ul
RT: 17.374 min Scan# 2412
Delta R.T. -0.006 min
Lab File: BM039465.D
Acq: 18 Apr 2023 19:40

Tgt Ion:178 Resp: 2259729
Ion Ratio Lower Upper
178 100
179 15.5 12.1 18.1
176 19.0 15.0 22.6





#75

1,2,3,4-Tetrachlorobenzene

Concen: 28.424 ng/uL

RT: 13.286 min Scan# 1717

Delta R.T. 0.000 min

Lab File: BM039465.D

Acq: 18 Apr 2023 19:40

Instrument :

BNA_M

ClientSampleId :

SLCS151

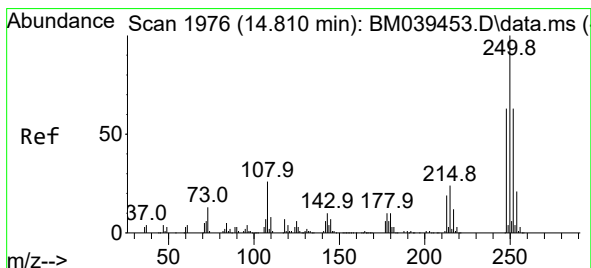
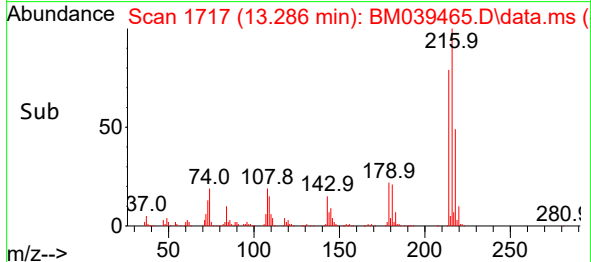
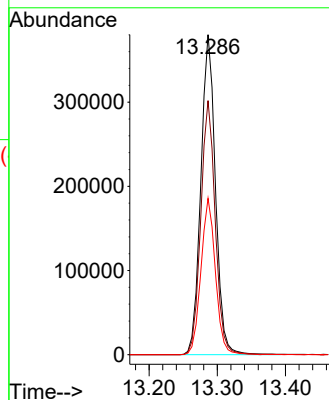
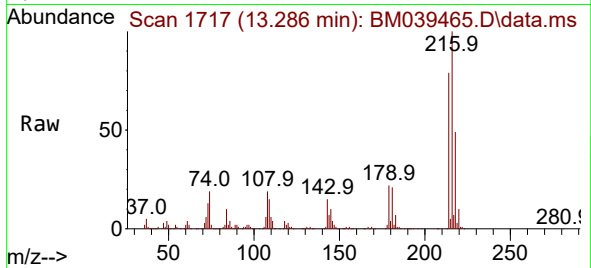
Tgt Ion:216 Resp: 568203

Ion Ratio Lower Upper

216 100

214 79.4 63.0 94.4

218 48.9 38.1 57.1



#76

Pentachlorobenzene

Concen: 29.775 ng/uL

RT: 14.810 min Scan# 1976

Delta R.T. 0.000 min

Lab File: BM039465.D

Acq: 18 Apr 2023 19:40

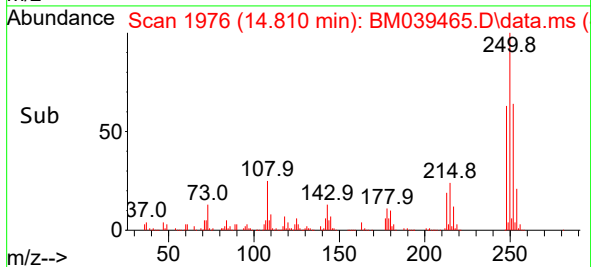
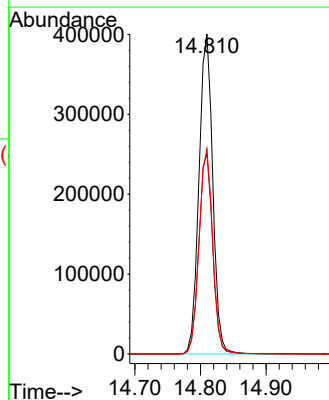
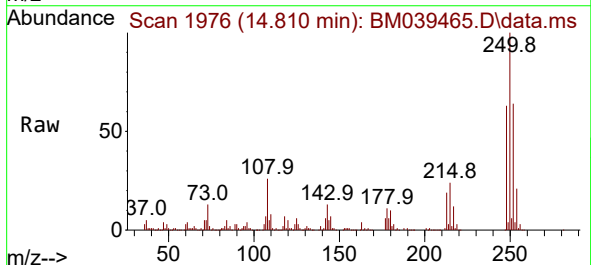
Tgt Ion:250 Resp: 585855

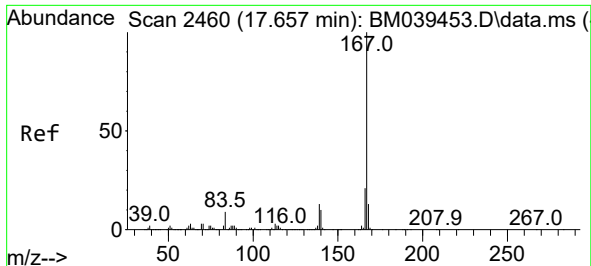
Ion Ratio Lower Upper

250 100

248 62.6 50.4 75.6

252 64.2 50.2 75.2

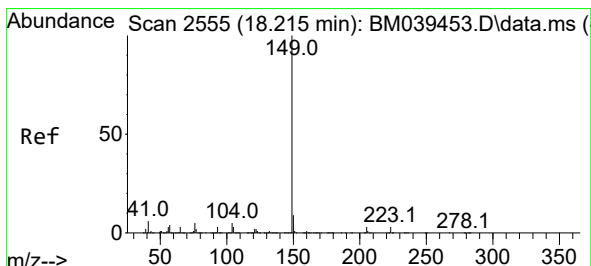
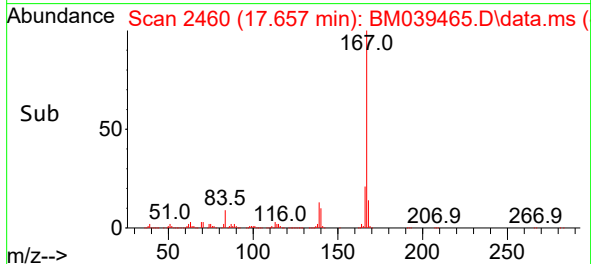
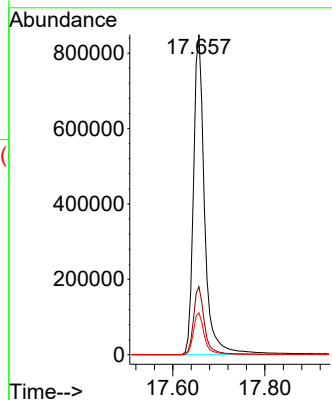
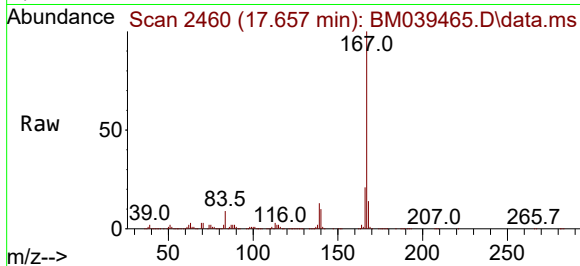




#77
 Carbazole
 Concen: 21.452 ng/ul
 RT: 17.657 min Scan# 2460
 Delta R.T. -0.000 min
 Lab File: BM039465.D
 Acq: 18 Apr 2023 19:40

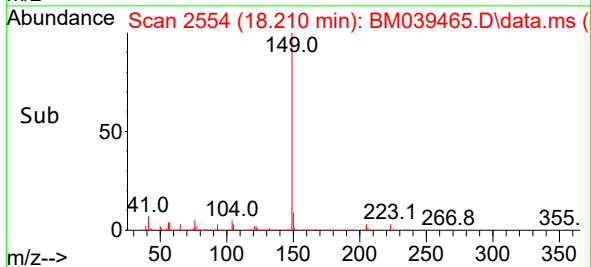
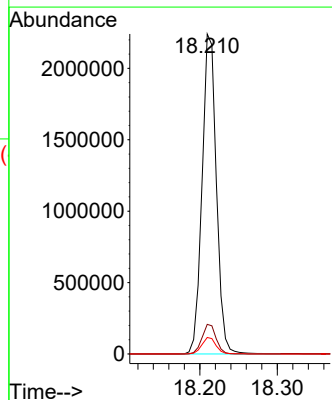
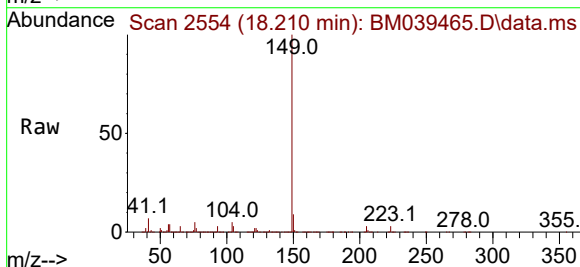
Instrument :
 BNA_M
 ClientSampleId :
 SLCS151

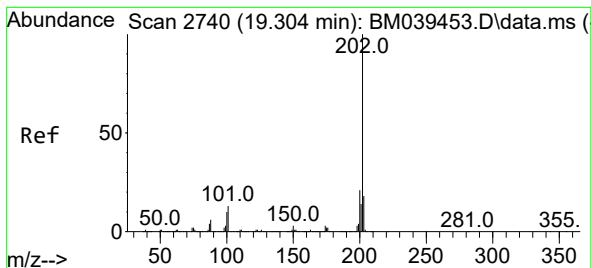
Tgt Ion:167 Resp: 1425049
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.0 25.4
 139 13.1 10.6 15.8



#78
 Di-n-butylphthalate
 Concen: 30.587 ng/ul
 RT: 18.210 min Scan# 2554
 Delta R.T. -0.006 min
 Lab File: BM039465.D
 Acq: 18 Apr 2023 19:40

Tgt Ion:149 Resp: 2873939
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.0 10.6
 104 5.1 4.1 6.1





#80

Fluoranthene

Concen: 29.534 ng/ul

RT: 19.304 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM039465.D

Acq: 18 Apr 2023 19:40

Instrument :

BNA_M

ClientSampleId :

SLCS151

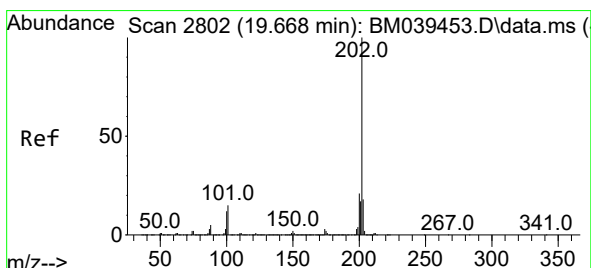
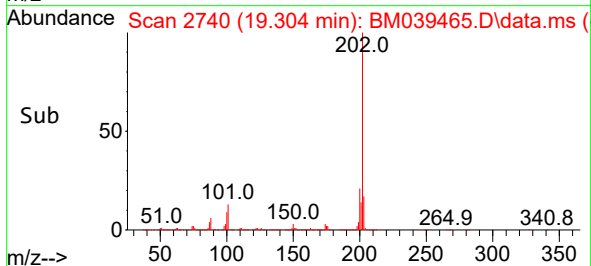
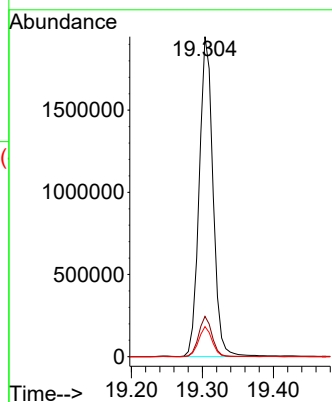
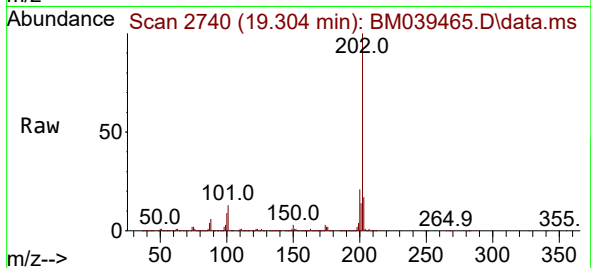
Tgt Ion:202 Resp: 2641510

Ion Ratio Lower Upper

202 100

101 12.6 10.4 15.6

100 9.4 7.7 11.5



#82

Pyrene

Concen: 29.290 ng/ul

RT: 19.668 min Scan# 2802

Delta R.T. -0.000 min

Lab File: BM039465.D

Acq: 18 Apr 2023 19:40

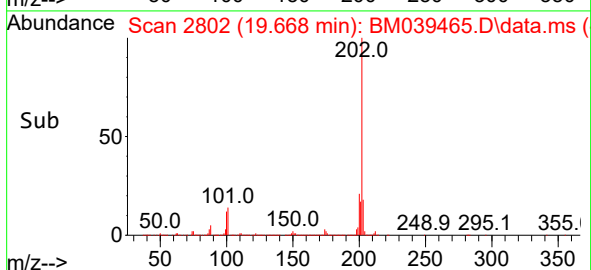
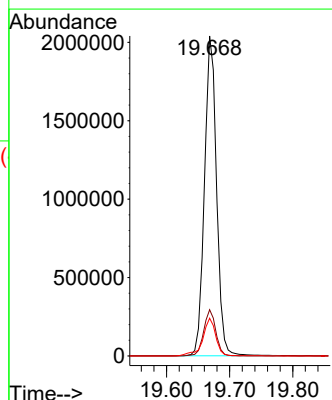
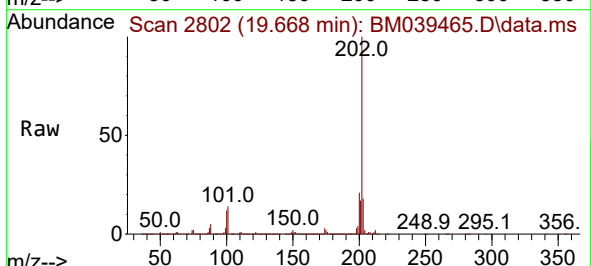
Tgt Ion:202 Resp: 2712020

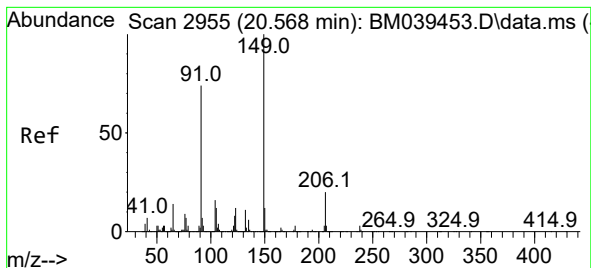
Ion Ratio Lower Upper

202 100

101 14.4 12.1 18.1

100 11.8 9.6 14.4





#83

Butylbenzylphthalate

Concen: 29.791 ng/ul

RT: 20.568 min Scan# 2955

Delta R.T. 0.000 min

Lab File: BM039465.D

Acq: 18 Apr 2023 19:40

Instrument :

BNA_M

ClientSampleId :

SLCS151

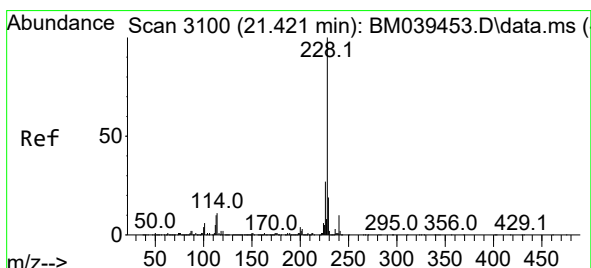
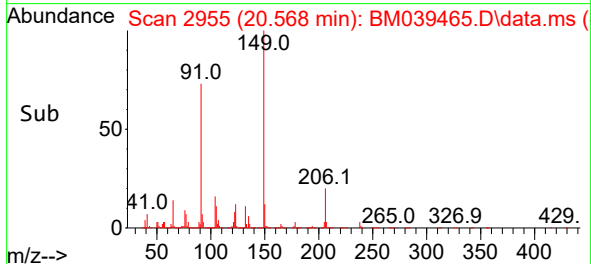
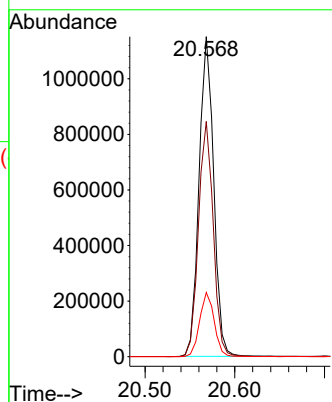
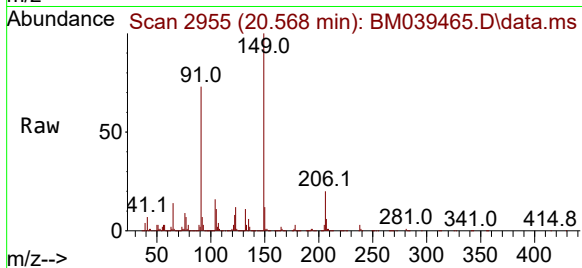
Tgt Ion:149 Resp: 1301995

Ion Ratio Lower Upper

149 100

91 73.5 59.4 89.0

206 20.0 15.8 23.8



#85

Benzo(a)anthracene

Concen: 30.117 ng/ul

RT: 21.421 min Scan# 3100

Delta R.T. 0.000 min

Lab File: BM039465.D

Acq: 18 Apr 2023 19:40

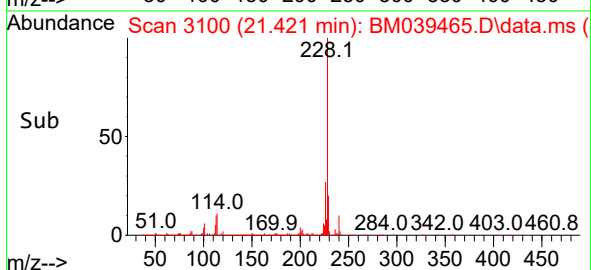
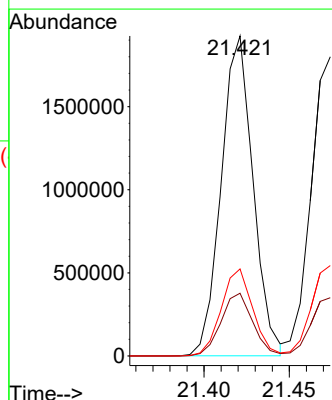
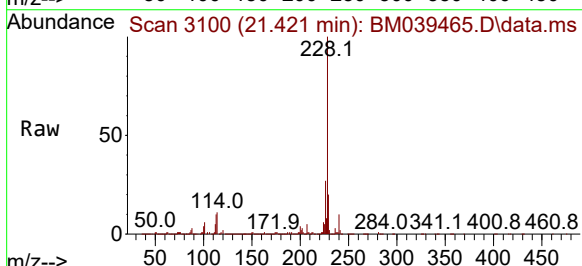
Tgt Ion:228 Resp: 2501402

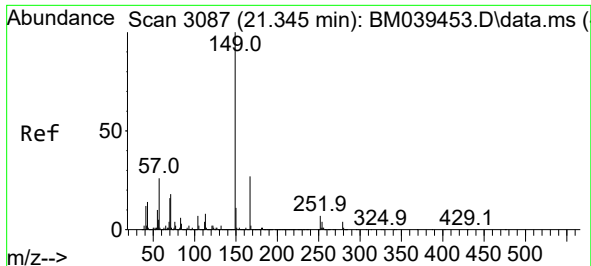
Ion Ratio Lower Upper

228 100

229 19.6 15.4 23.2

226 27.2 21.6 32.4

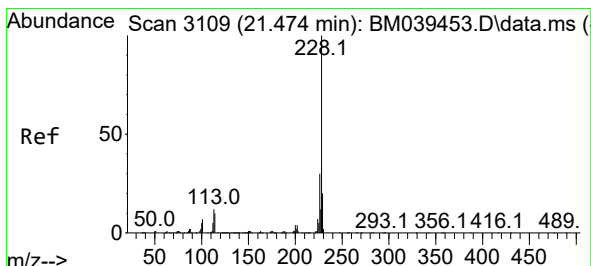
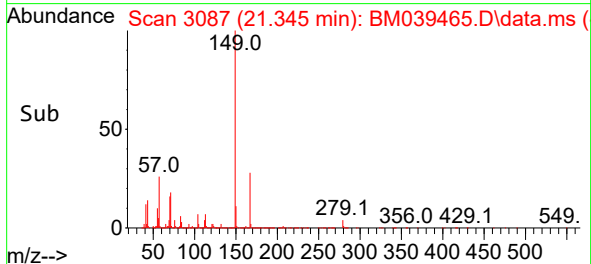
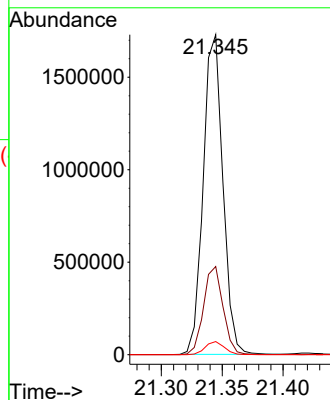
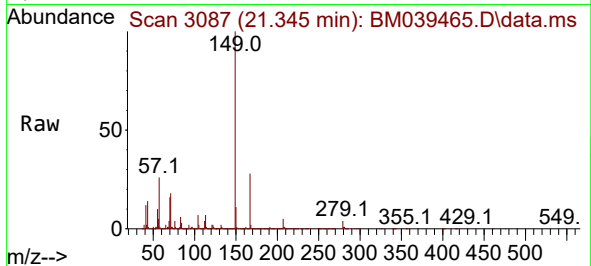




#86
 Bis(2-ethylhexyl)phthalate
 Concen: 29.843 ng/ul
 RT: 21.345 min Scan# 3087
 Delta R.T. 0.000 min
 Lab File: BM039465.D
 Acq: 18 Apr 2023 19:40

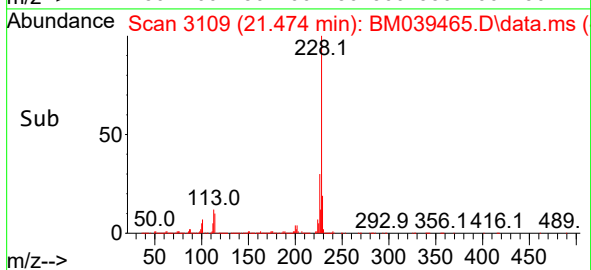
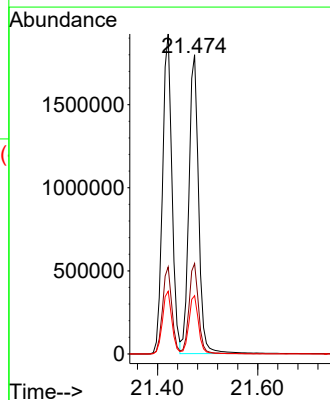
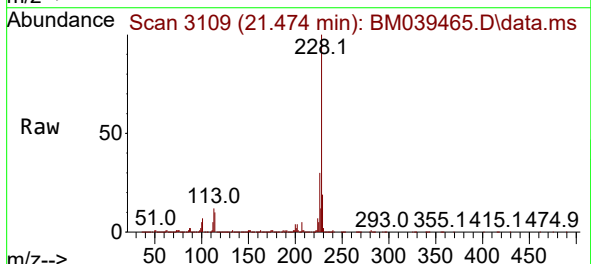
Instrument :
 BNA_M
 ClientSampleId :
 SLCS151

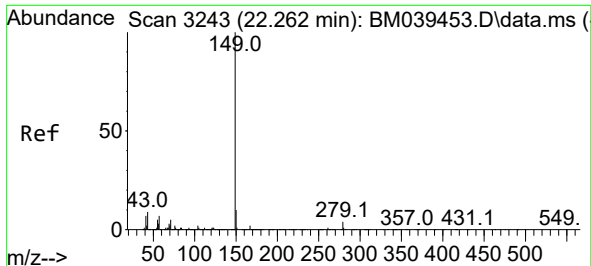
Tgt Ion:149 Resp: 1939684
 Ion Ratio Lower Upper
 149 100
 167 27.5 21.8 32.6
 279 4.1 3.1 4.7



#87
 Chrysene
 Concen: 30.576 ng/ul
 RT: 21.474 min Scan# 3109
 Delta R.T. 0.000 min
 Lab File: BM039465.D
 Acq: 18 Apr 2023 19:40

Tgt Ion:228 Resp: 2422430
 Ion Ratio Lower Upper
 228 100
 226 30.2 23.9 35.9
 229 19.5 15.8 23.6

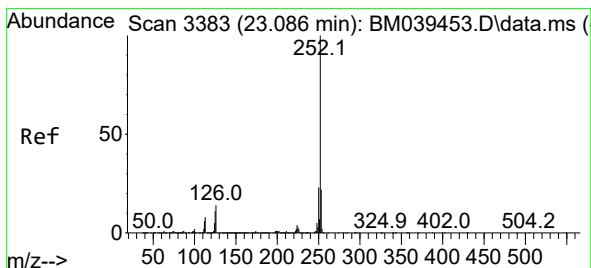
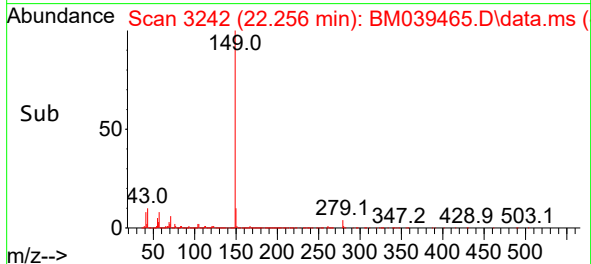
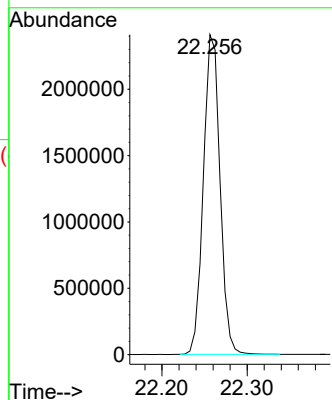
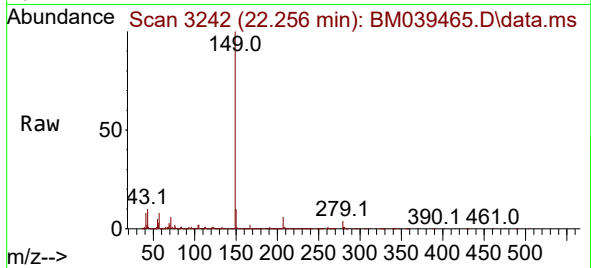




#89
Di-n-octyl phthalate
Concen: 35.429 ng/ul
RT: 22.256 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM039465.D
Acq: 18 Apr 2023 19:40

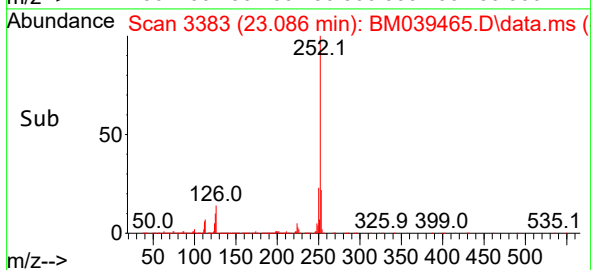
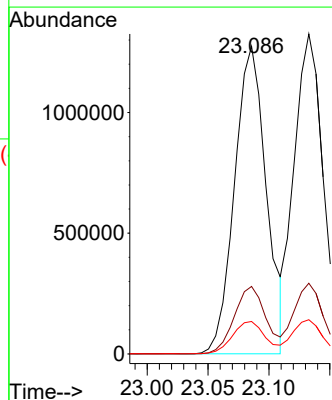
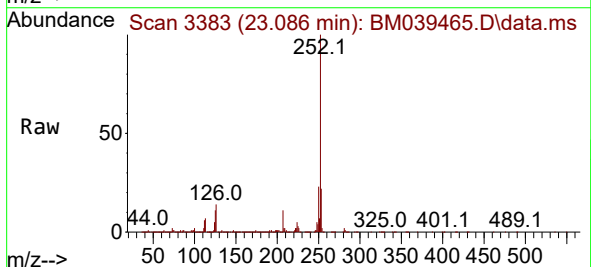
Instrument :
BNA_M
ClientSampleId :
SLCS151

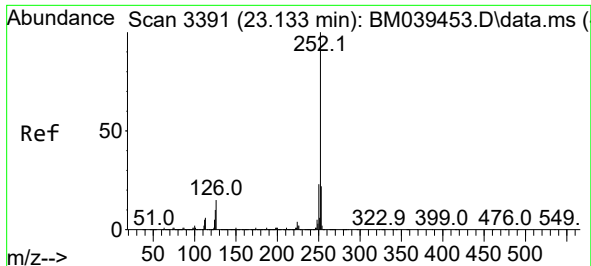
Tgt Ion:149 Resp: 3256350



#90
Benzo(b)fluoranthene
Concen: 35.953 ng/ul
RT: 23.086 min Scan# 3383
Delta R.T. 0.000 min
Lab File: BM039465.D
Acq: 18 Apr 2023 19:40

Tgt Ion:252 Resp: 2314135
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.2
125 10.6 8.7 13.1

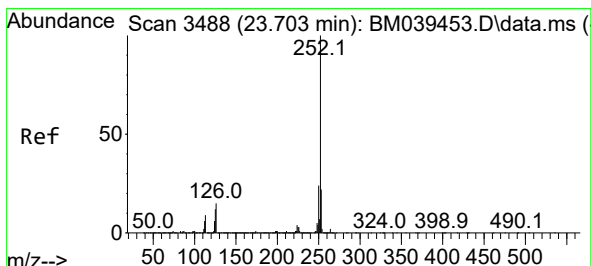
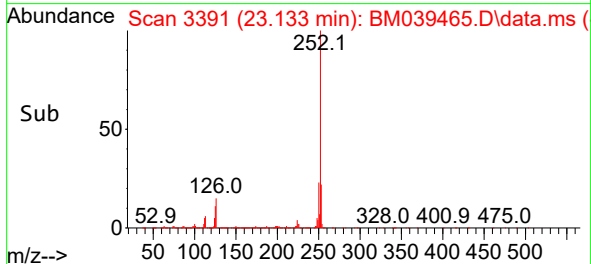
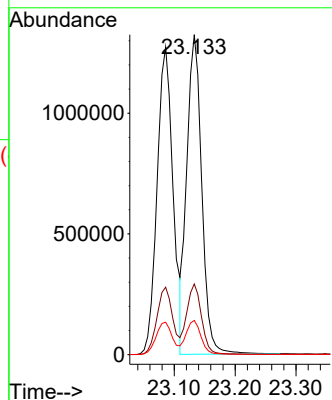
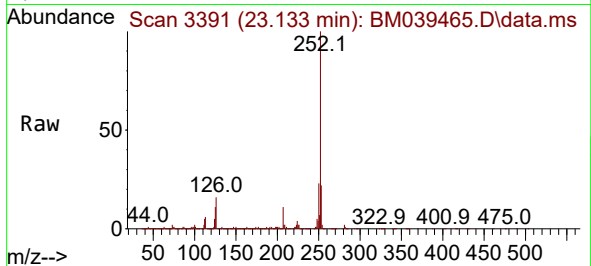




#91
Benzo(k)fluoranthene
Concen: 35.724 ng/ul
RT: 23.133 min Scan# 3391
Delta R.T. 0.000 min
Lab File: BM039465.D
Acq: 18 Apr 2023 19:40

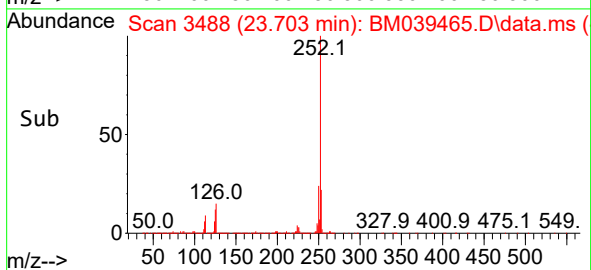
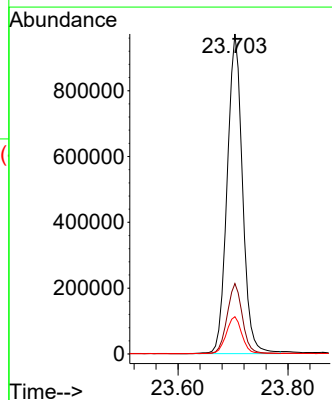
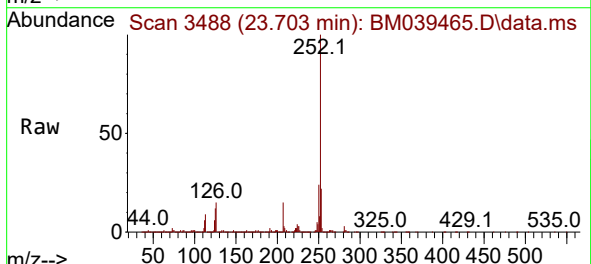
Instrument :
BNA_M
ClientSampleId :
SLCS151

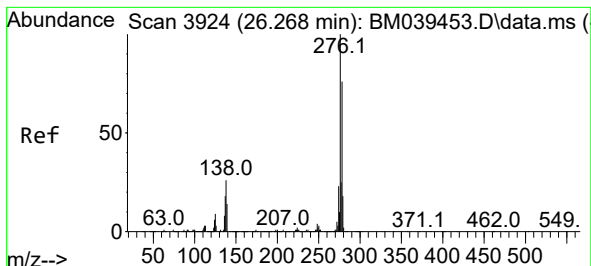
Tgt Ion:252 Resp: 2258209
Ion Ratio Lower Upper
252 100
253 22.1 17.6 26.4
125 10.7 8.6 12.8



#93
Benzo(a)pyrene
Concen: 34.654 ng/ul
RT: 23.703 min Scan# 3488
Delta R.T. 0.000 min
Lab File: BM039465.D
Acq: 18 Apr 2023 19:40

Tgt Ion:252 Resp: 1880114
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.0
125 11.7 9.4 14.2





#94

Indeno(1,2,3-cd)pyrene

Concen: 35.010 ng/ul

RT: 26.262 min Scan# 3923

Delta R.T. -0.006 min

Lab File: BM039465.D

Acq: 18 Apr 2023 19:40

Instrument :

BNA_M

ClientSampleId :

SLCS151

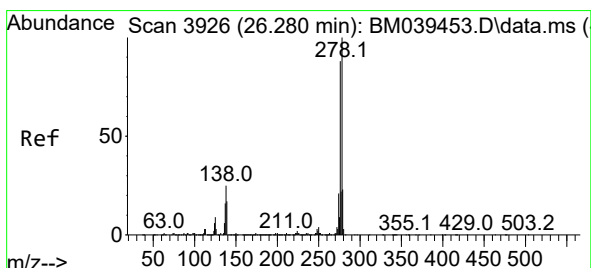
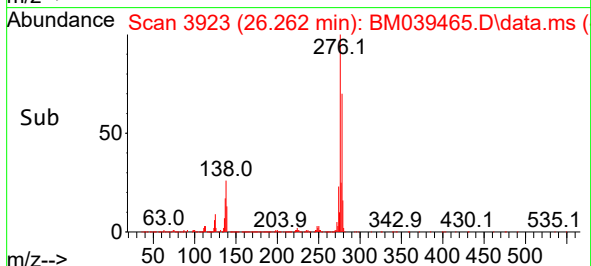
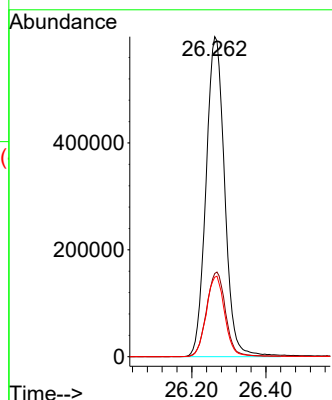
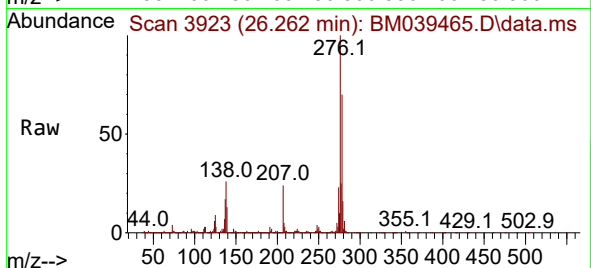
Tgt Ion:276 Resp: 2089301

Ion Ratio Lower Upper

276 100

138 26.0 21.2 31.8

277 24.8 20.1 30.1



#95

Dibenzo(a,h)anthracene

Concen: 35.578 ng/ul

RT: 26.280 min Scan# 3926

Delta R.T. -0.000 min

Lab File: BM039465.D

Acq: 18 Apr 2023 19:40

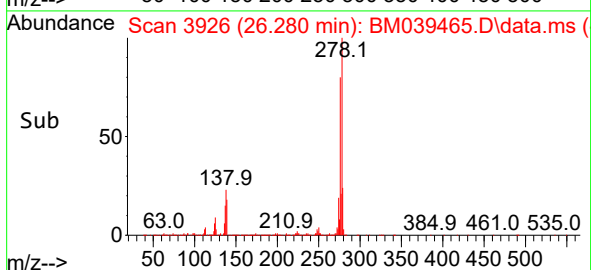
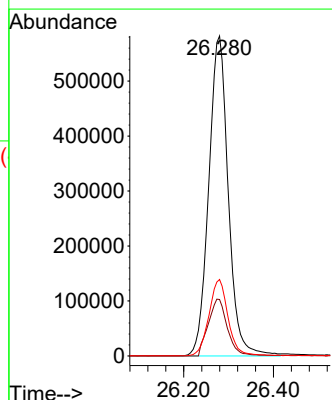
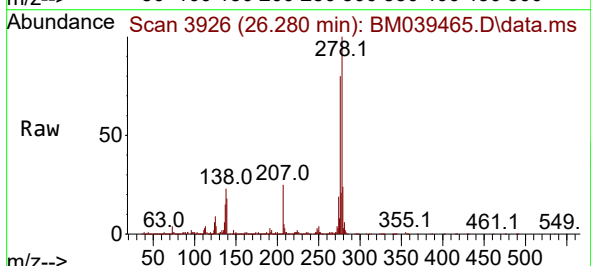
Tgt Ion:278 Resp: 1760373

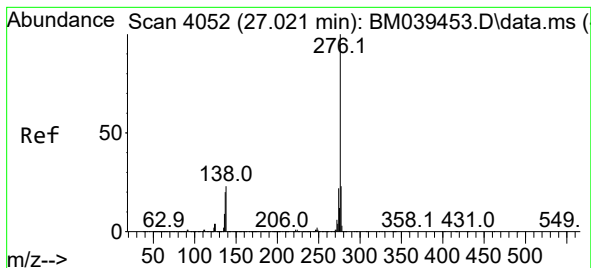
Ion Ratio Lower Upper

278 100

139 17.7 13.5 20.3

279 23.9 18.9 28.3





#96

Benzo(g,h,i)perylene

Concen: 34.270 ng/ul

RT: 27.021 min Scan# 40

Delta R.T. 0.000 min

Lab File: BM039465.D

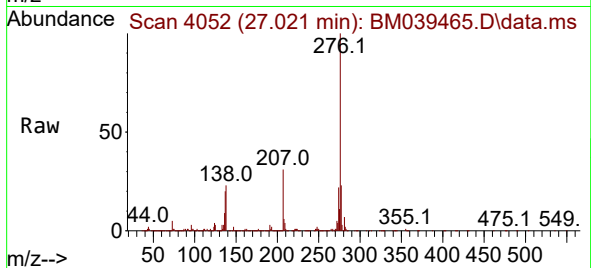
Acq: 18 Apr 2023 19:40

Instrument :

BNA_M

ClientSampleId :

SLCS151



Tgt Ion:276 Resp: 1629164

Ion Ratio Lower Upper

276 100

138 22.8 18.7 28.1

277 23.5 18.7 28.1

