

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042223\
 Data File : BM039602.D
 Acq On : 23 Apr 2023 07:22
 Operator : CG/JU
 Sample : PB152288BS
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS288

Quant Time: Apr 24 01:00:46 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Apr 23 00:18:16 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.813	152	244368	20.000	ng/u1	0.00
20) Naphthalene-d8	10.619	136	1062028	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.471	164	605830	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.224	188	1135136	20.000	ng/u1	0.00
79) Chrysene-d12	21.418	240	862713	20.000	ng/u1	0.00
88) Perylene-d12	23.782	264	830485	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.207	96	34539	5.425	ng/uL	0.00
4) Pyridine-d5	3.631	84	509408	28.477	ng/u1	0.00
7) Phenol-d5	6.995	99	698152	31.215	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.148	67	471587	31.901	ng/u1	0.00
11) 2-Chlorophenol-d4	7.348	132	557453	31.773	ng/u1	0.00
15) 4-Methylphenol-d8	8.548	113	549759	30.515	ng/u1	0.00
21) Nitrobenzene-d5	8.983	128	276759	32.391	ng/u1	0.00
24) 2-Nitrophenol-d4	9.707	143	317833	33.127	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.254	165	526583	31.898	ng/u1	0.00
31) 4-Chloroaniline-d4	10.772	131	702406	28.488	ng/u1	0.00
46) Dimethylphthalate-d6	13.889	166	1481449	30.321	ng/u1	0.00
49) Acenaphthylene-d8	14.165	160	1782163	32.468	ng/u1	0.00
54) 4-Nitrophenol-d4	14.718	143	182747	24.714	ng/u1	-0.01
60) Fluorene-d10	15.465	176	1227824	30.672	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.607	200	229880	30.475	ng/u1	0.00
73) Anthracene-d10	17.324	188	1756772	32.181	ng/u1	0.00
81) Pyrene-d10	19.624	212	1845189	32.187	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.630	264	1448515	32.306	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.243	88	70841	10.168	ng/uL	98
5) Pyridine	3.649	79	515502	27.330	ng/u1	99
6) Benzaldehyde	6.954	77	370308	38.754	ng/u1	97
8) Phenol	7.025	94	718058	30.836	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.242	93	576215	29.679	ng/u1	98
12) 2-Chlorophenol	7.378	128	545398	30.893	ng/u1	96
13) 2-Methylphenol	8.278	108	536270	29.649	ng/u1	99
16) Acetophenone	8.648	105	878769	29.695	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.631	70	480295	29.325	ng/u1	95
18) 4-Methylphenol	8.607	108	579373	29.670	ng/u1	98
19) Hexachloroethane	8.883	117	239101	29.819	ng/u1	93
22) Nitrobenzene	9.031	77	686830	32.556	ng/u1	97
23) Isophorone	9.554	82	1345658	29.912	ng/u1	99
25) 2-Nitrophenol	9.742	139	317076	31.674	ng/u1	95
26) 2,4-Dimethylphenol	9.807	107	602071	29.431	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.042	93	783821	29.630	ng/u1	100
29) 2,4-Dichlorophenol	10.283	162	498586	30.660	ng/u1	99
30) Naphthalene	10.672	128	1781711	30.321	ng/u1	99
32) 4-Chloroaniline	10.795	127	621438	25.579	ng/u1	100
33) Hexachlorobutadiene	10.948	225	317444	29.625	ng/u1	98
34) Caprolactam	11.583	113	165130	27.268	ng/u1	97
35) 4-Chloro-3-methylphenol	11.936	107	557470	29.361	ng/u1	98
36) 2-Methylnaphthalene	12.289	142	1140144	28.944	ng/u1	99
37) 1-Methylnaphthalene	12.507	142	1170553	29.570	ng/u1	97

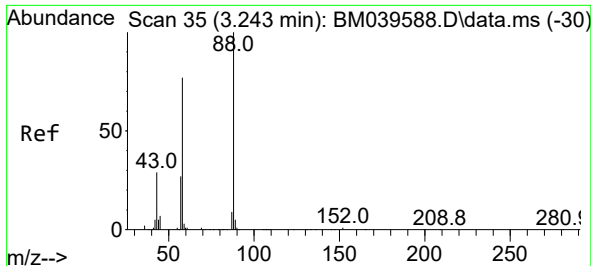
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) 1,2,4,5-Tetrachloroben...	12.660	216	583830	32.105	ng/ul	99
40) Hexachlorocyclopentadiene	12.624	237	212248	19.590	ng/ul	98
41) 2,4,6-Trichlorophenol	12.907	196	380498	31.320	ng/ul	98
42) 2,4,5-Trichlorophenol	12.995	196	396260	31.384	ng/ul	98
43) 1,1'-Biphenyl	13.307	154	1494506	31.921	ng/ul	100
44) 2-Chloronaphthalene	13.348	162	1174120	31.969	ng/ul	100
45) 2-Nitroaniline	13.566	65	356050	33.594	ng/ul	96
47) Dimethylphthalate	13.936	163	1422170	29.399	ng/ul	99
48) 2,6-Dinitrotoluene	14.065	165	289692	29.610	ng/ul	99
50) Acenaphthylene	14.195	152	1845385	31.430	ng/ul	100
51) 3-Nitroaniline	14.401	138	267705	29.193	ng/ul	99
52) Acenaphthene	14.536	153	1256436	31.081	ng/ul	100
53) 2,4-Dinitrophenol	14.618	184	114968	22.076	ng/ul	97
55) 4-Nitrophenol	14.730	109	138684	24.692	ng/ul	93
56) Dibenzofuran	14.871	168	1686080	30.686	ng/ul	100
57) 2,4-Dinitrotoluene	14.860	165	400736	29.478	ng/ul	87
58) 2,3,4,6-Tetrachlorophenol	15.107	232	329611	29.164	ng/ul	97
59) Diethylphthalate	15.301	149	1414659	28.210	ng/ul	100
61) Fluorene	15.524	166	1373837	30.226	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.518	204	670904	29.781	ng/ul	99
63) 4-Nitroaniline	15.565	138	219087	31.155	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.618	198	216565	29.861	ng/ul#	87
67) N-Nitrosodiphenylamine	15.736	169	1112039	32.881	ng/ul	100
68) 4-Bromophenyl-phenylether	16.412	248	390993	31.891	ng/ul	98
69) Hexachlorobenzene	16.524	284	445068	31.599	ng/ul	95
70) Atrazine	16.695	200	304429	24.258	ng/ul	98
71) Pentachlorophenol	16.883	266	220459	26.775	ng/ul	99
72) Phenanthrene	17.265	178	1983188	31.469	ng/ul	100
74) Anthracene	17.359	178	2008519	31.770	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.266	216	587497	34.752	ng/uL	100
76) Pentachlorobenzene	14.789	250	565258	33.970	ng/uL	99
77) Carbazole	17.642	167	1749445	31.140	ng/ul	100
78) Di-n-butylphthalate	18.195	149	2221607	27.958	ng/ul	99
80) Fluoranthene	19.289	202	2116973	31.505	ng/ul	99
82) Pyrene	19.653	202	2194329	31.546	ng/ul	99
83) Butylbenzylphthalate	20.553	149	905850	27.588	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.341	252	603106	31.525	ng/ul	98
85) Benzo(a)anthracene	21.406	228	1888624	30.267	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.324	149	1278828	26.190	ng/ul	99
87) Chrysene	21.459	228	1828061	30.713	ng/ul	99
89) Di-n-octyl phthalate	22.241	149	2011014	24.101	ng/ul	100
90) Benzo(b)fluoranthene	23.065	252	1736386	29.715	ng/ul	99
91) Benzo(k)fluoranthene	23.112	252	1713156	29.852	ng/ul	99
93) Benzo(a)pyrene	23.683	252	1532660	31.117	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.235	276	1988284	36.699	ng/ul	98
95) Dibenzo(a,h)anthracene	26.247	278	1642644	36.568	ng/ul	99
96) Benzo(g,h,i)perylene	26.988	276	1625635	37.666	ng/ul	99

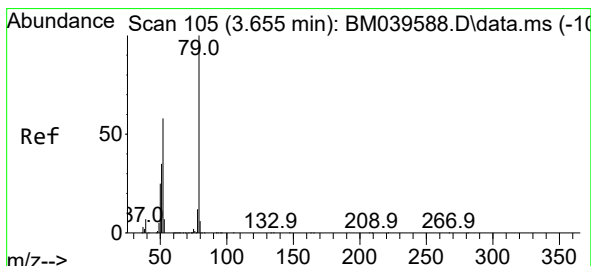
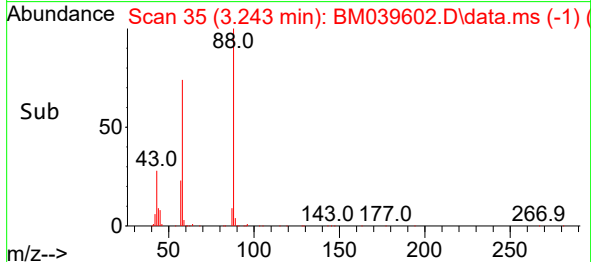
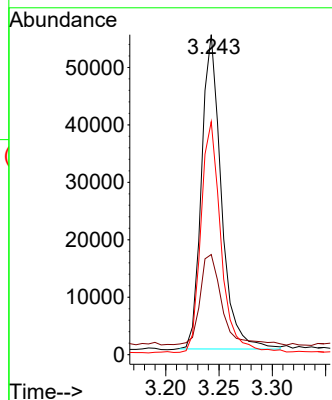
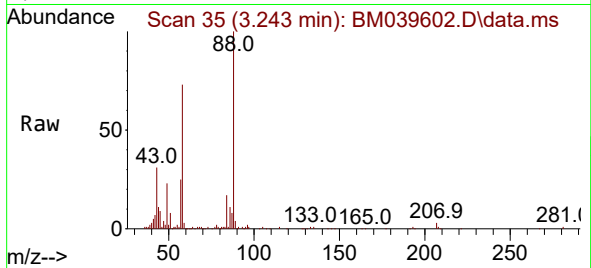
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#2
1,4-Dioxane
Concen: 10.168 ng/uL
RT: 3.243 min Scan# 31
Delta R.T. -0.000 min
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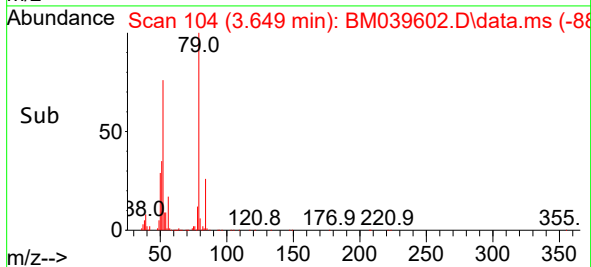
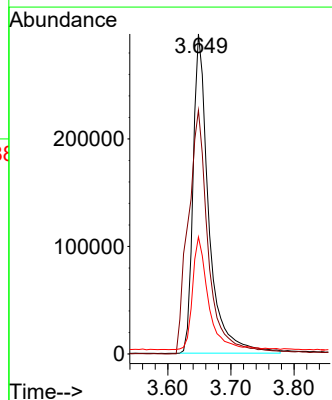
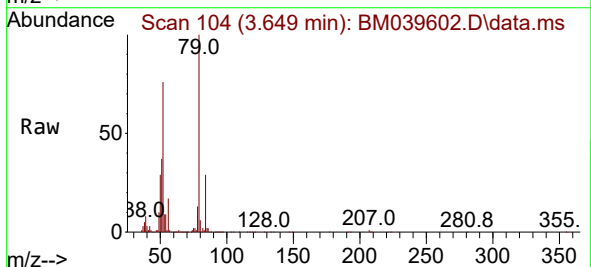
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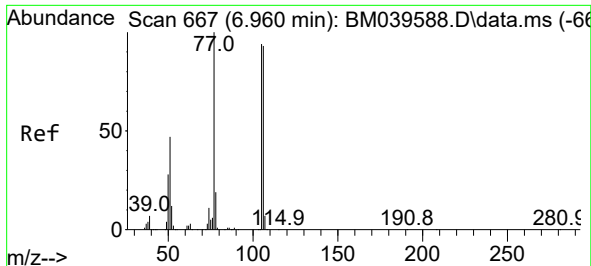
Tgt Ion: 88 Resp: 70841
Ion Ratio Lower Upper
88 100
43 31.3 24.6 36.8
58 72.8 56.7 85.1



#5
Pyridine
Concen: 27.330 ng/uL
RT: 3.649 min Scan# 104
Delta R.T. -0.006 min
Lab File: BM039602.D
Acq: 23 Apr 2023 07:22

Tgt Ion: 79 Resp: 515502
Ion Ratio Lower Upper
79 100
52 76.2 61.9 92.9
51 36.6 29.7 44.5

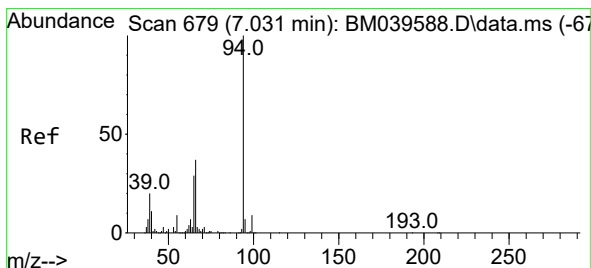
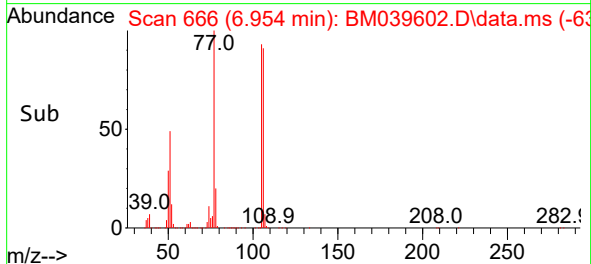
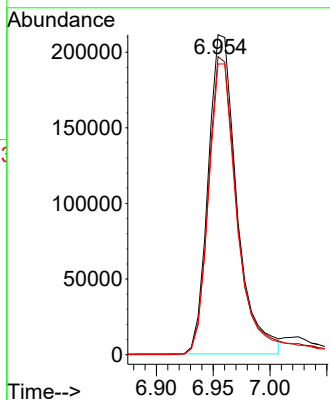
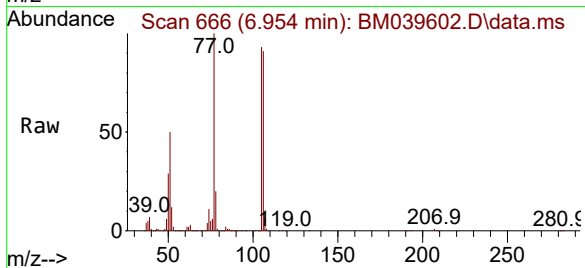




#6
Benzaldehyde
Concen: 38.754 ng/ul
RT: 6.954 min Scan# 666
Delta R.T. -0.006 min
Lab File: BM039602.D
Acq: 23 Apr 2023 07:22

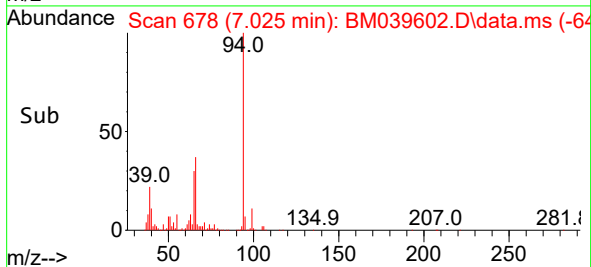
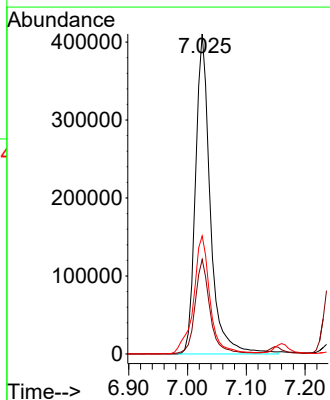
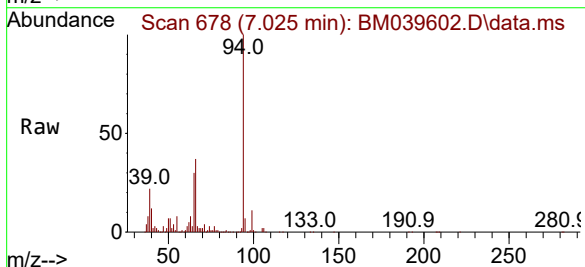
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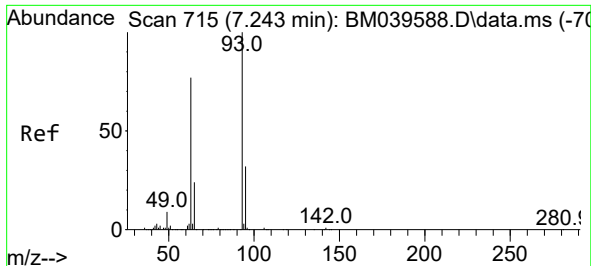
Tgt Ion: 77 Resp: 370308
Ion Ratio Lower Upper
77 100
105 93.2 76.3 114.5
106 90.8 75.4 113.0



#8
Phenol
Concen: 30.836 ng/ul
RT: 7.025 min Scan# 678
Delta R.T. -0.006 min
Lab File: BM039602.D
Acq: 23 Apr 2023 07:22

Tgt Ion: 94 Resp: 718058
Ion Ratio Lower Upper
94 100
65 29.6 22.2 33.4
66 36.9 29.6 44.4

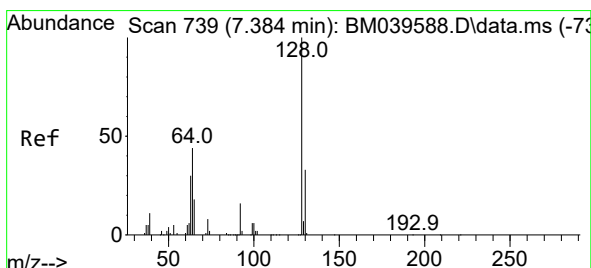
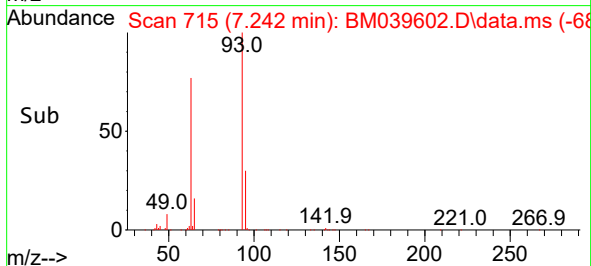
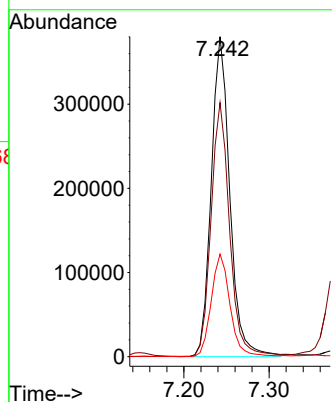
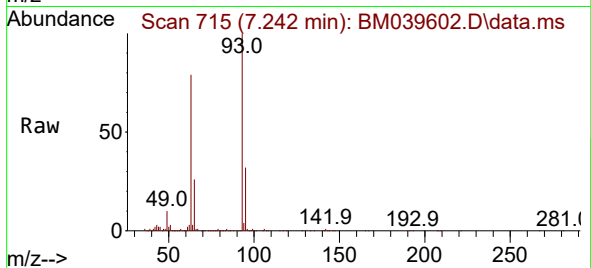




#10
Bis(2-Chloroethyl)ether
Concen: 29.679 ng/ul
RT: 7.242 min Scan# 715
Delta R.T. -0.000 min
Lab File: BM039602.D
Acq: 23 Apr 2023 07:22

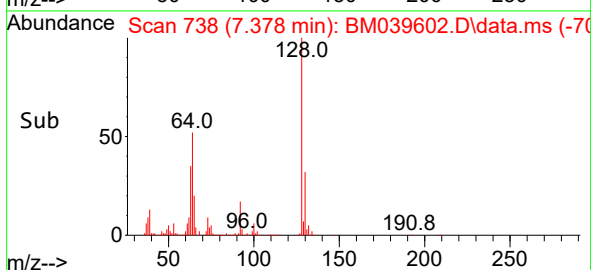
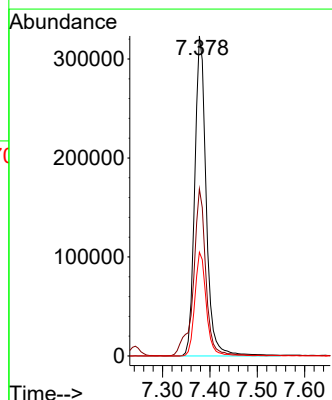
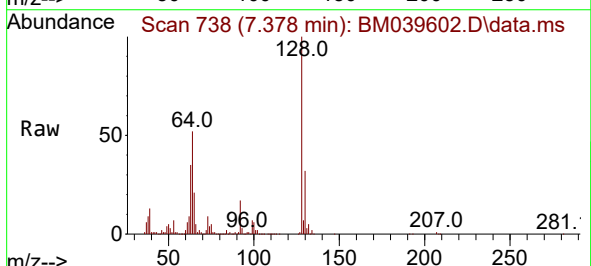
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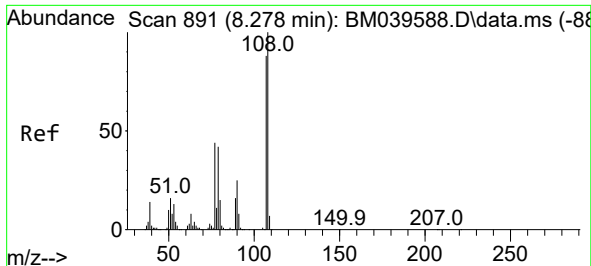
Tgt Ion: 93 Resp: 576215
Ion Ratio Lower Upper
93 100
63 79.4 61.9 92.9
95 32.0 25.8 38.8



#12
2-Chlorophenol
Concen: 30.893 ng/ul
RT: 7.378 min Scan# 738
Delta R.T. -0.006 min
Lab File: BM039602.D
Acq: 23 Apr 2023 07:22

Tgt Ion: 128 Resp: 545398
Ion Ratio Lower Upper
128 100
64 52.2 38.8 58.2
130 32.4 25.4 38.0

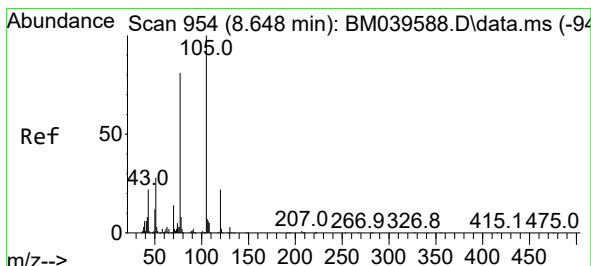
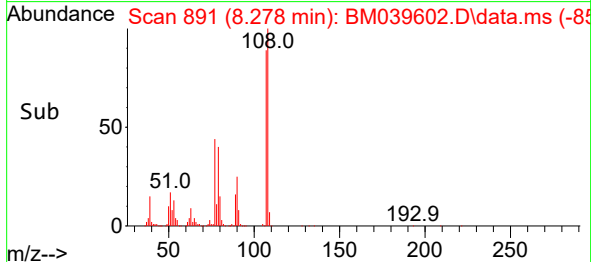
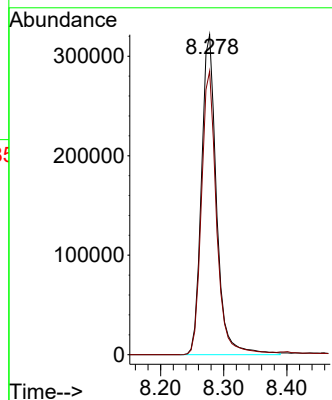
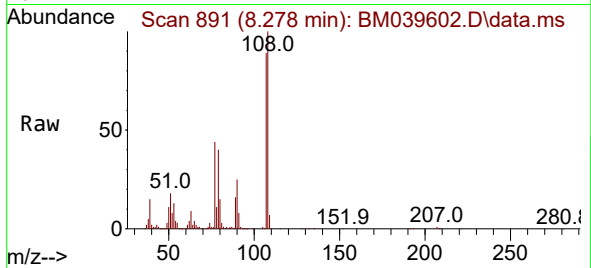




#13
2-Methylphenol
Concen: 29.649 ng/ul
RT: 8.278 min Scan# 891
Delta R.T. -0.000 min
Lab File: BM039602.D
Acq: 23 Apr 2023 07:22

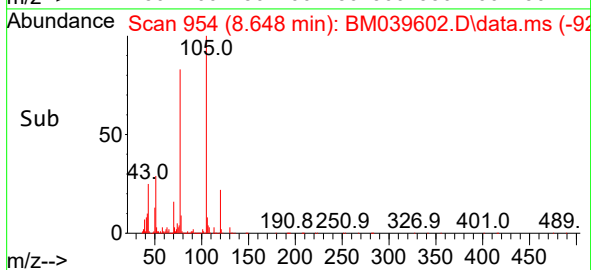
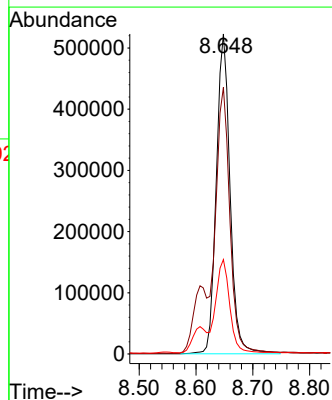
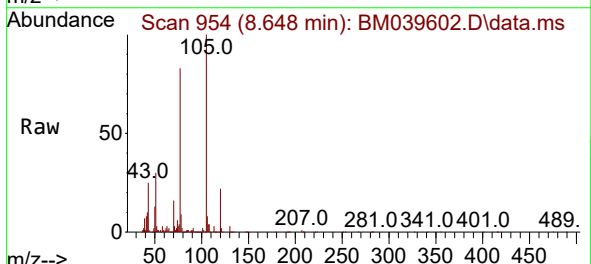
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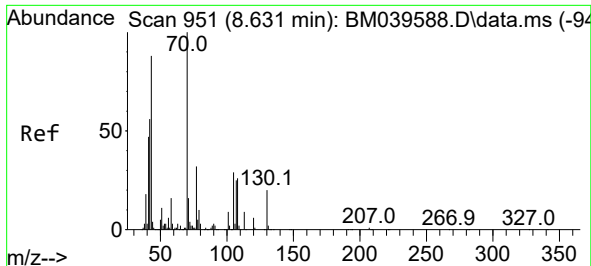
Tgt Ion:108 Resp: 536270
Ion Ratio Lower Upper
108 100
107 88.6 71.7 107.5



#16
Acetophenone
Concen: 29.695 ng/ul
RT: 8.648 min Scan# 954
Delta R.T. -0.000 min
Lab File: BM039602.D
Acq: 23 Apr 2023 07:22

Tgt Ion:105 Resp: 878769
Ion Ratio Lower Upper
105 100
77 83.3 64.1 96.1
51 29.5 22.2 33.4

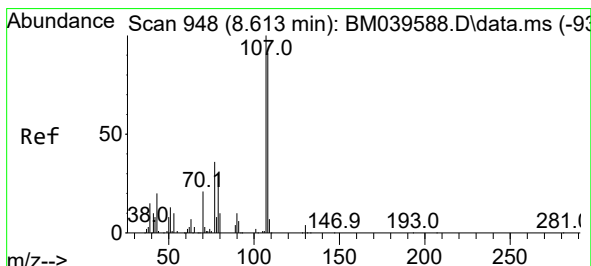
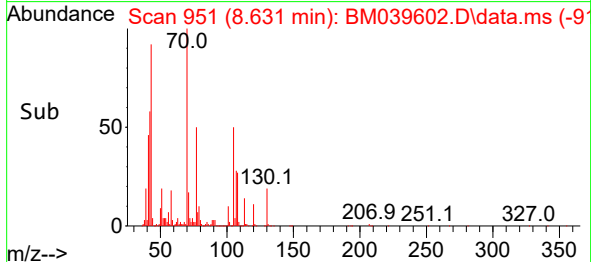
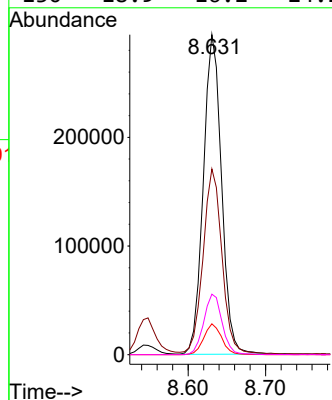
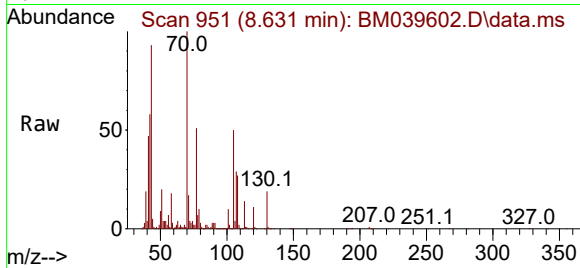




#17
N-Nitroso-di-n-propylamine
Concen: 29.325 ng/ul
RT: 8.631 min Scan# 911
Delta R.T. -0.000 min
Lab File: BM039602.D
Acq: 23 Apr 2023 07:22

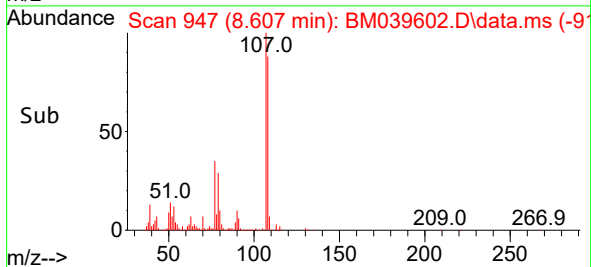
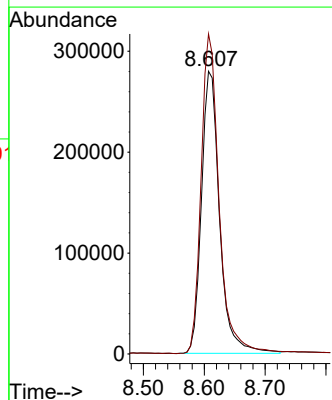
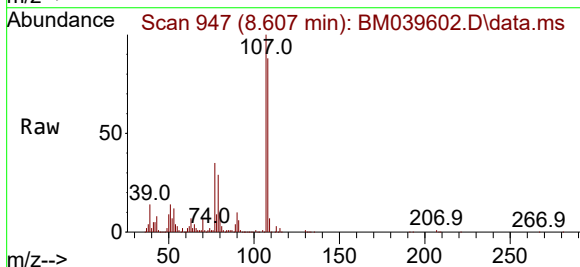
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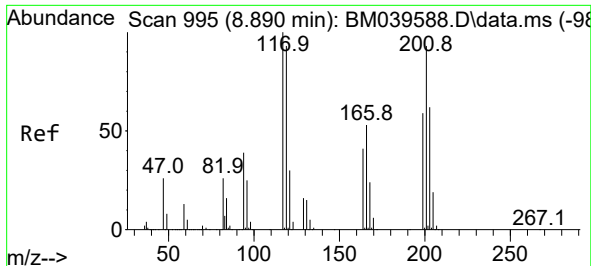
Tgt Ion: 70 Resp: 480295
Ion Ratio Lower Upper
70 100
42 58.0 43.0 64.4
101 9.6 7.4 11.2
130 18.9 16.2 24.2



#18
4-Methylphenol
Concen: 29.670 ng/ul
RT: 8.607 min Scan# 947
Delta R.T. -0.006 min
Lab File: BM039602.D
Acq: 23 Apr 2023 07:22

Tgt Ion: 108 Resp: 579373
Ion Ratio Lower Upper
108 100
107 113.2 88.6 133.0





#19

Hexachloroethane

Concen: 29.819 ng/ul

RT: 8.883 min Scan# 994

Delta R.T. -0.006 min

Lab File: BM039602.D

Acq: 23 Apr 2023 07:22

Instrument :

BNA_M

ClientSampleId :

SLCS288

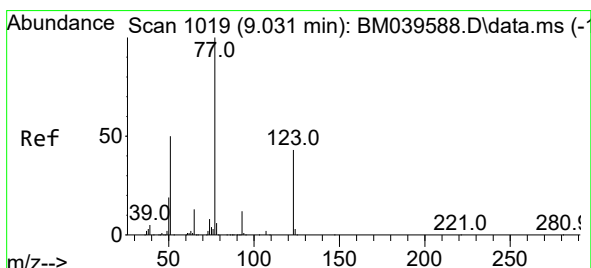
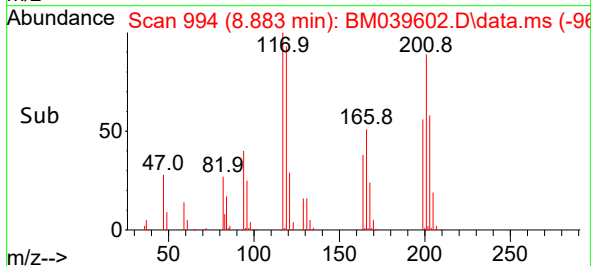
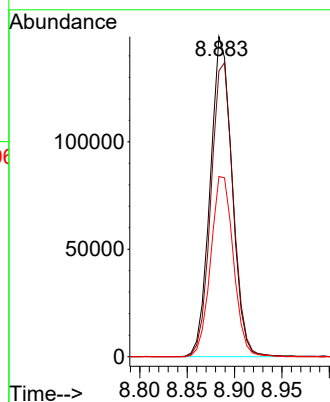
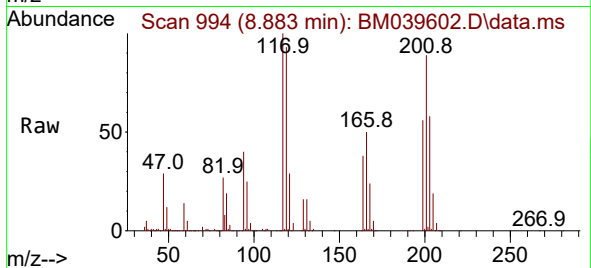
Tgt Ion:117 Resp: 239101

Ion Ratio Lower Upper

117 100

201 89.3 78.3 117.5

199 56.3 47.4 71.0



#22

Nitrobenzene

Concen: 32.556 ng/ul

RT: 9.031 min Scan# 1019

Delta R.T. -0.000 min

Lab File: BM039602.D

Acq: 23 Apr 2023 07:22

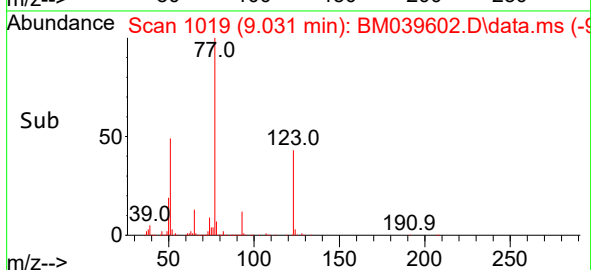
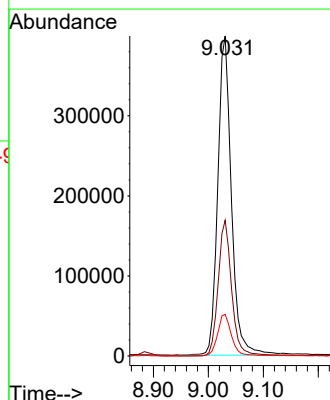
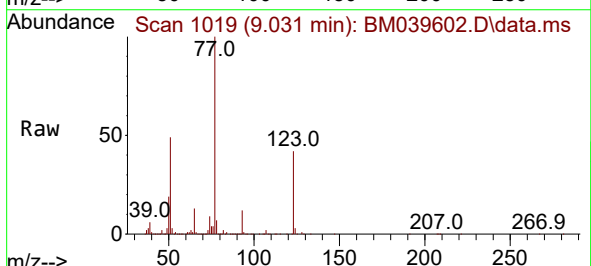
Tgt Ion: 77 Resp: 686830

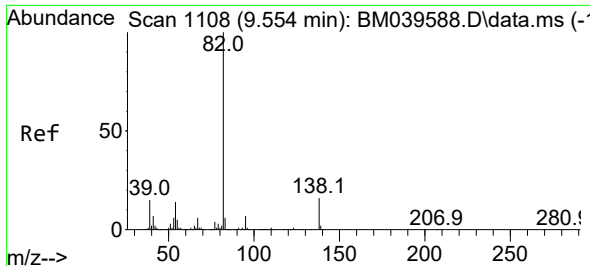
Ion Ratio Lower Upper

77 100

123 42.4 36.1 54.1

65 13.0 10.2 15.2





#23

Isophorone

Concen: 29.912 ng/ul

RT: 9.554 min Scan# 1108

Delta R.T. -0.000 min

Lab File: BM039602.D

Acq: 23 Apr 2023 07:22

Instrument :

BNA_M

ClientSampleId :

SLCS288

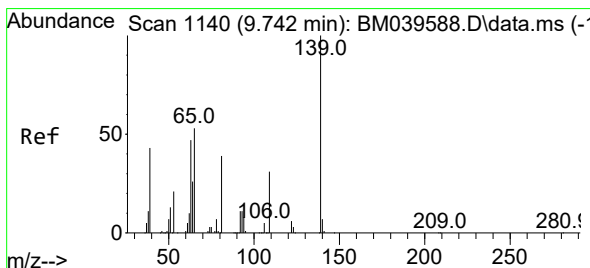
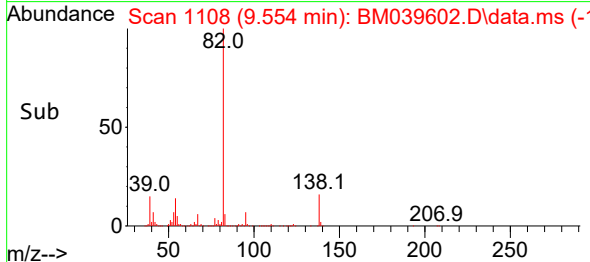
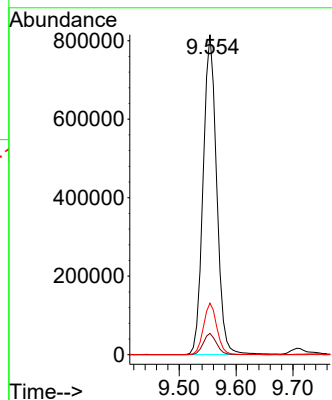
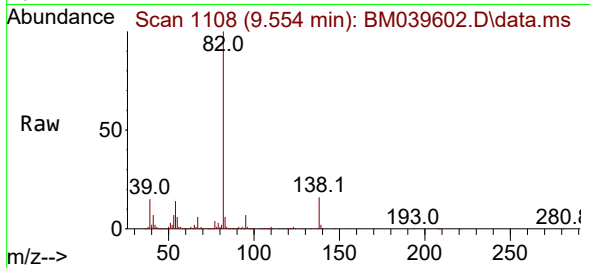
Tgt Ion: 82 Resp: 1345658

Ion Ratio Lower Upper

82 100

95 6.7 5.4 8.2

138 16.1 13.2 19.8



#25

2-Nitrophenol

Concen: 31.674 ng/ul

RT: 9.742 min Scan# 1140

Delta R.T. -0.000 min

Lab File: BM039602.D

Acq: 23 Apr 2023 07:22

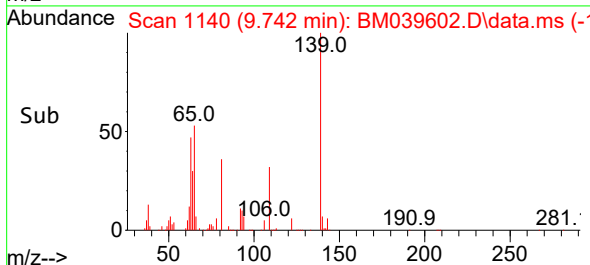
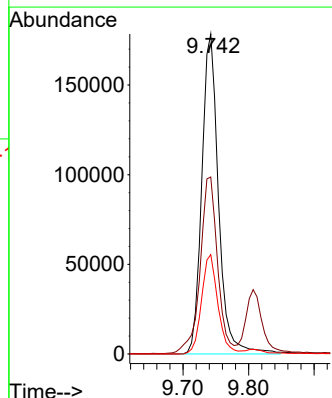
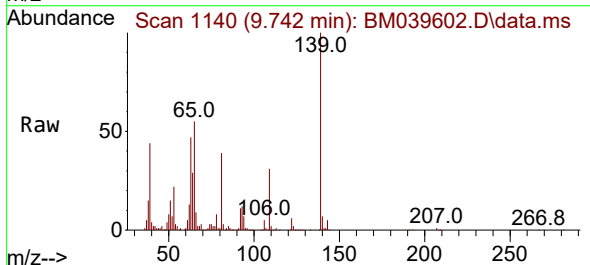
Tgt Ion: 139 Resp: 317076

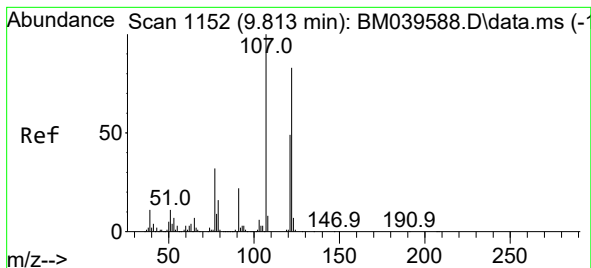
Ion Ratio Lower Upper

139 100

65 55.3 40.7 61.1

109 31.1 23.9 35.9

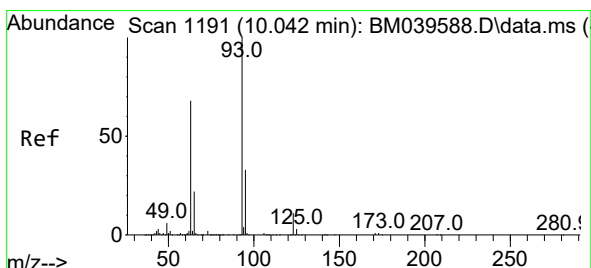
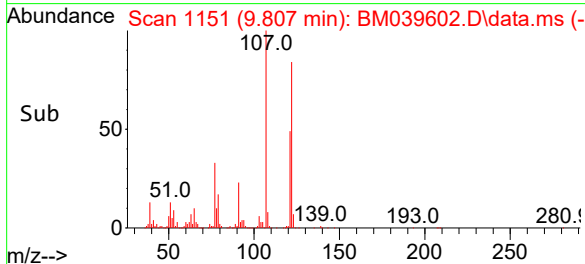
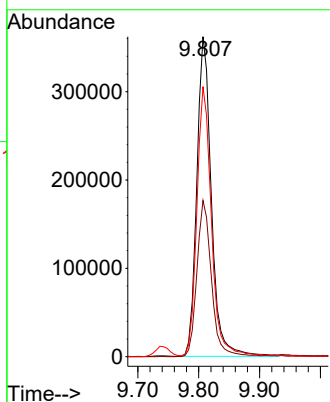
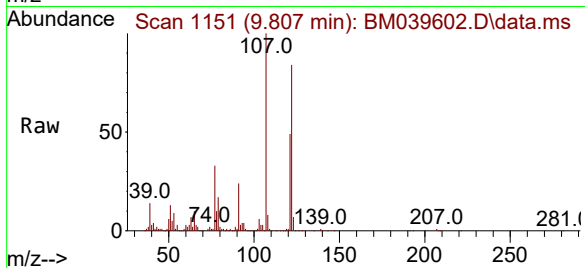




#26
2,4-Dimethylphenol
Concen: 29.431 ng/ul
RT: 9.807 min Scan# 1152
Delta R.T. -0.006 min
Lab File: BM039602.D
Acq: 23 Apr 2023 07:22

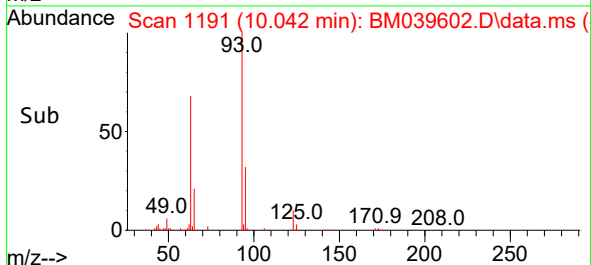
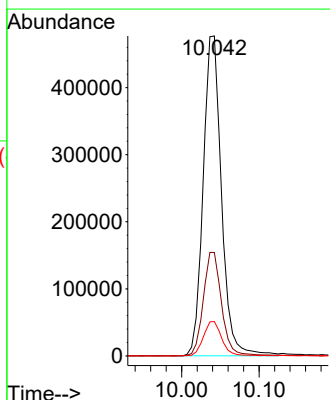
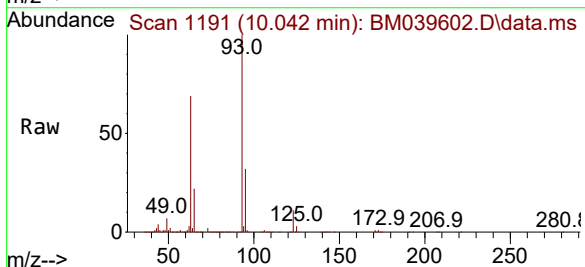
Instrument :
BNA_M
ClientSampleId :
SLCS288

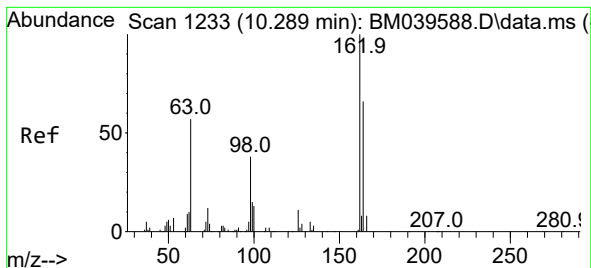
Tgt Ion:107 Resp: 602071
Ion Ratio Lower Upper
107 100
121 48.8 39.1 58.7
122 84.4 68.1 102.1



#27
Bis(2-Chloroethoxy)methane
Concen: 29.630 ng/ul
RT: 10.042 min Scan# 1191
Delta R.T. -0.000 min
Lab File: BM039602.D
Acq: 23 Apr 2023 07:22

Tgt Ion: 93 Resp: 783821
Ion Ratio Lower Upper
93 100
95 32.3 25.8 38.6
123 10.7 8.8 13.2

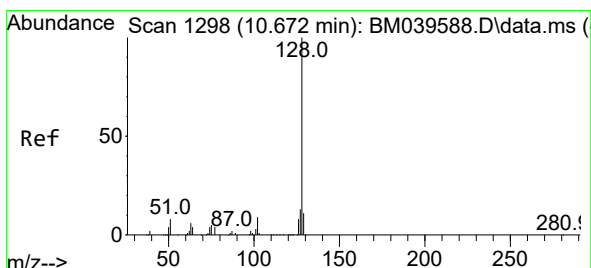
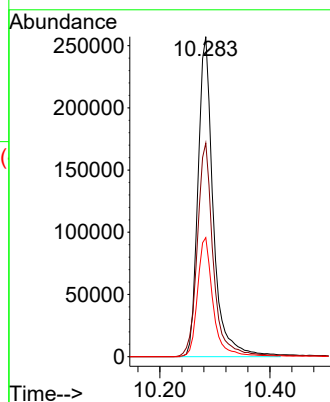
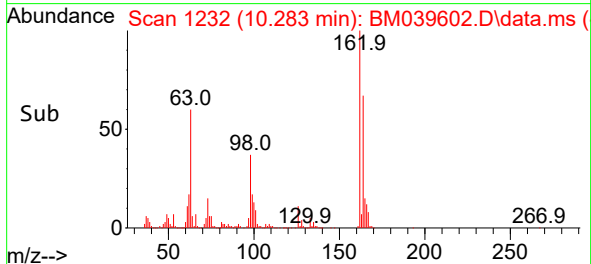
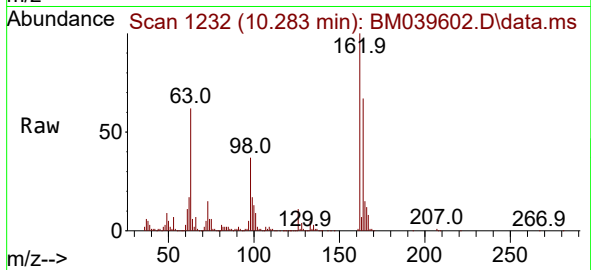




#29
2,4-Dichlorophenol
Concen: 30.660 ng/ul
RT: 10.283 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM039602.D
Acq: 23 Apr 2023 07:22

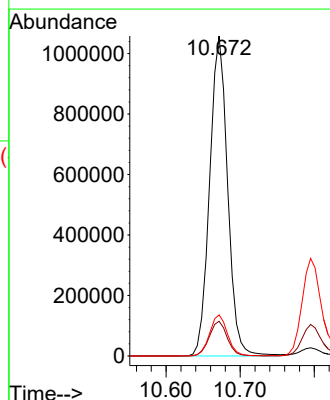
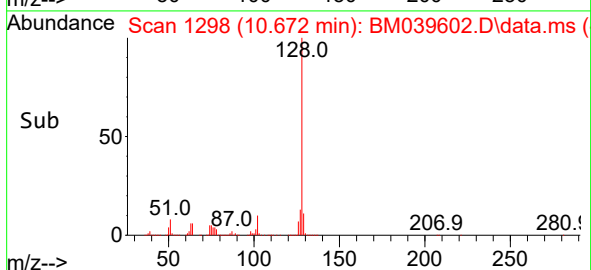
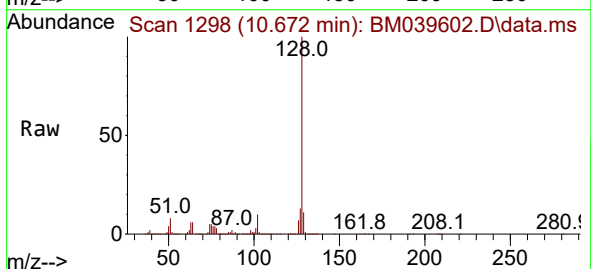
Instrument :
BNA_M
ClientSampleId :
SLCS288

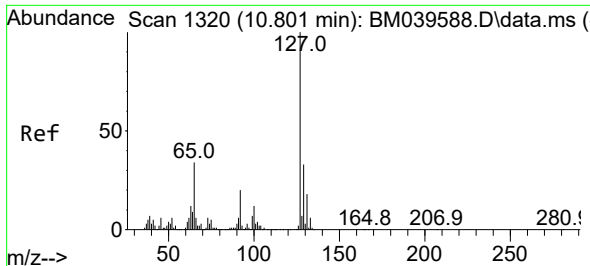
Tgt Ion:162 Resp: 498586
Ion Ratio Lower Upper
162 100
164 66.8 52.4 78.6
98 37.2 29.4 44.0



#30
Naphthalene
Concen: 30.321 ng/ul
RT: 10.672 min Scan# 1298
Delta R.T. -0.000 min
Lab File: BM039602.D
Acq: 23 Apr 2023 07:22

Tgt Ion:128 Resp: 1781711
Ion Ratio Lower Upper
128 100
129 10.8 8.9 13.3
127 12.9 10.5 15.7

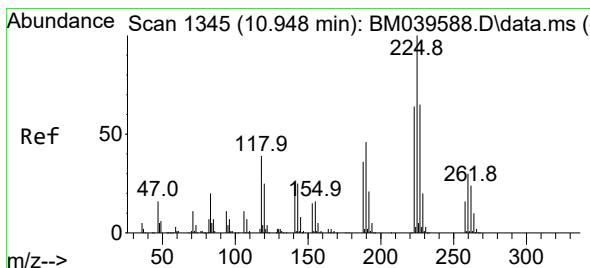
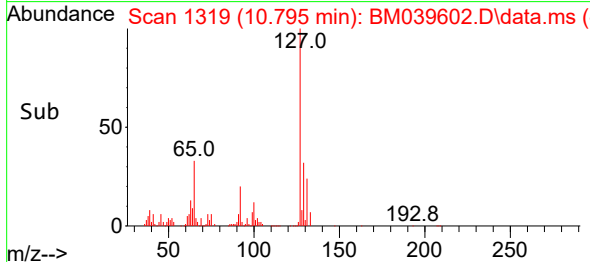
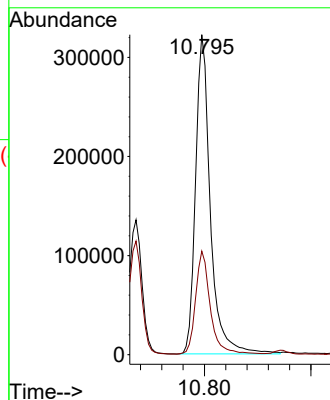
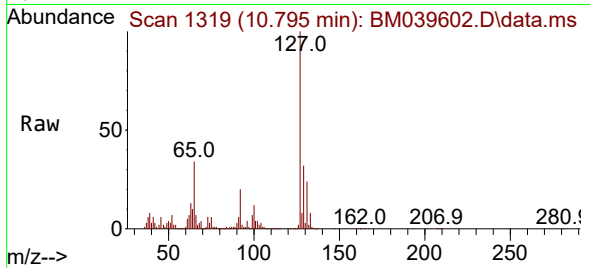




#32
4-Chloroaniline
Concen: 25.579 ng/ul
RT: 10.795 min Scan# 1319
Delta R.T. -0.006 min
Lab File: BM039602.D
Acq: 23 Apr 2023 07:22

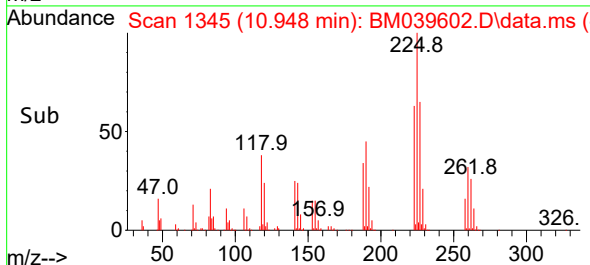
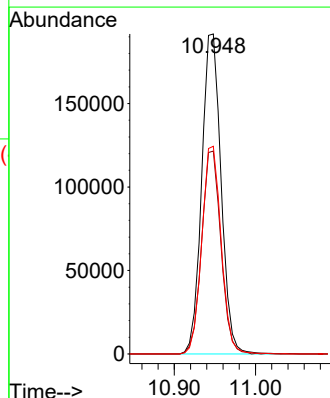
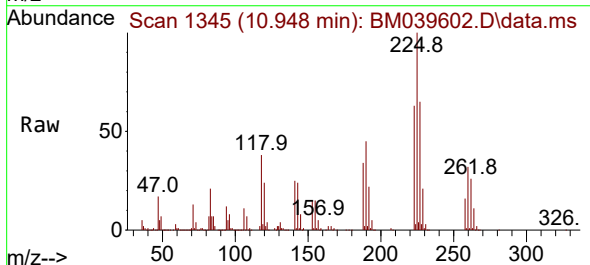
Instrument :
BNA_M
ClientSampleId :
SLCS288

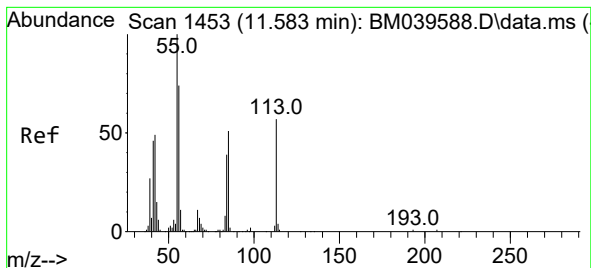
Tgt Ion:127 Resp: 621438
Ion Ratio Lower Upper
127 100
129 32.4 25.8 38.8



#33
Hexachlorobutadiene
Concen: 29.625 ng/ul
RT: 10.948 min Scan# 1345
Delta R.T. -0.000 min
Lab File: BM039602.D
Acq: 23 Apr 2023 07:22

Tgt Ion:225 Resp: 317444
Ion Ratio Lower Upper
225 100
223 63.4 50.1 75.1
227 64.9 50.4 75.6





#34

Caprolactam

Concen: 27.268 ng/ul

RT: 11.583 min Scan# 1453

Delta R.T. -0.000 min

Lab File: BM039602.D

Acq: 23 Apr 2023 07:22

Instrument :

BNA_M

ClientSampleId :

SLCS288

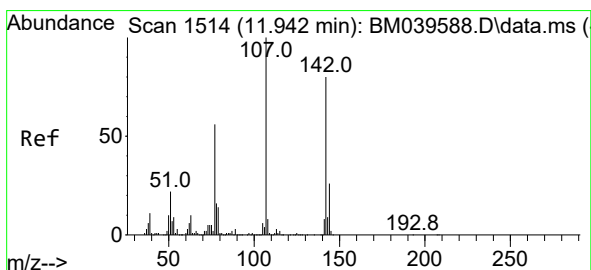
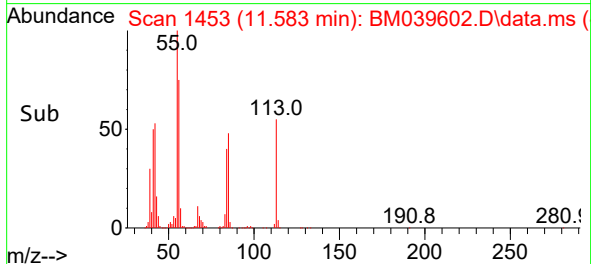
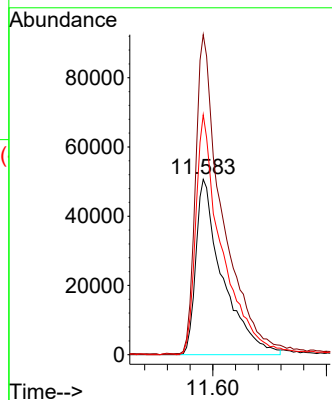
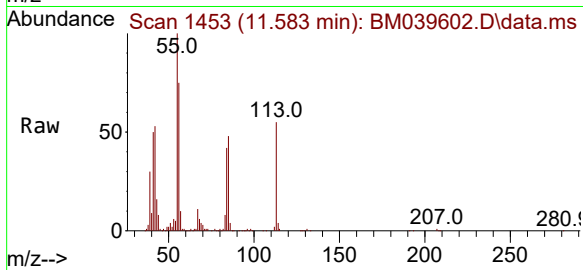
Tgt Ion:113 Resp: 165130

Ion Ratio Lower Upper

113 100

55 182.4 145.5 218.3

56 136.7 103.9 155.9



#35

4-Chloro-3-methylphenol

Concen: 29.361 ng/ul

RT: 11.936 min Scan# 1513

Delta R.T. -0.006 min

Lab File: BM039602.D

Acq: 23 Apr 2023 07:22

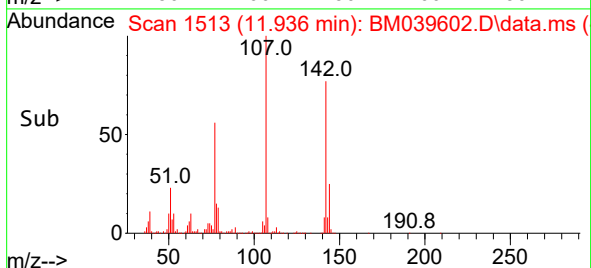
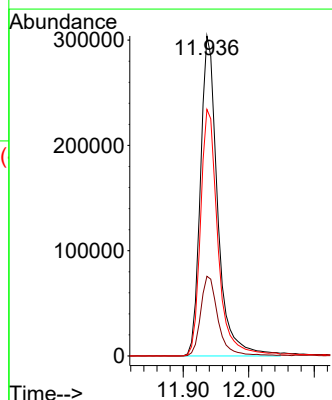
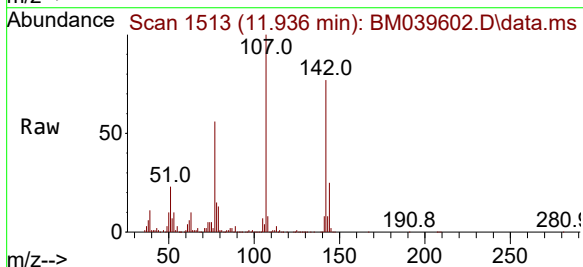
Tgt Ion:107 Resp: 557470

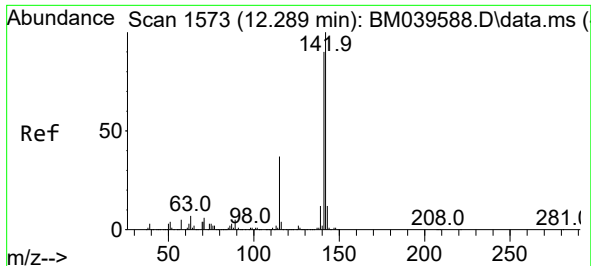
Ion Ratio Lower Upper

107 100

144 24.9 21.0 31.4

142 77.1 62.9 94.3

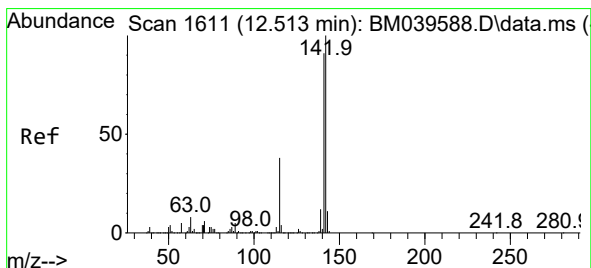
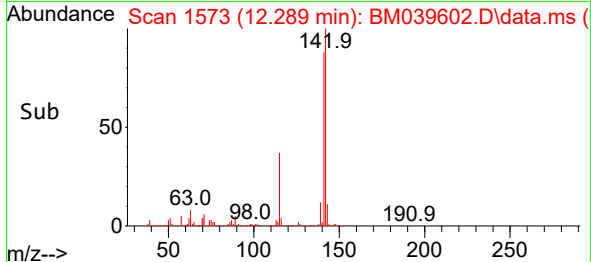
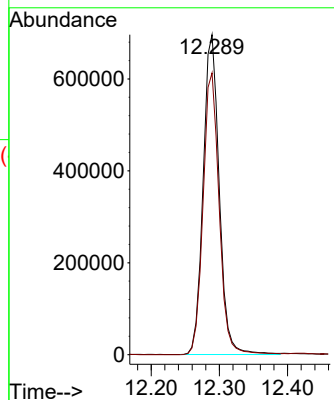
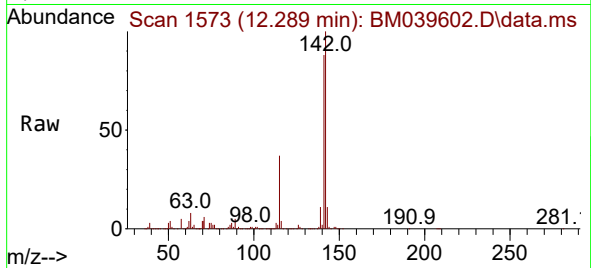




#36
2-Methylnaphthalene
Concen: 28.944 ng/ul
RT: 12.289 min Scan# 1573
Delta R.T. -0.000 min
Lab File: BM039602.D
Acq: 23 Apr 2023 07:22

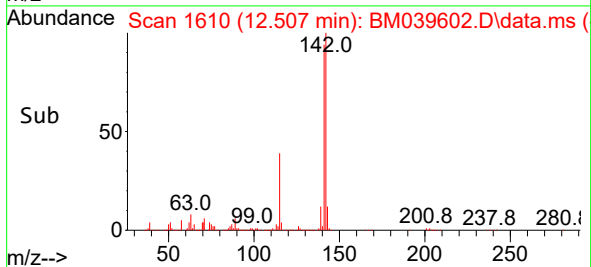
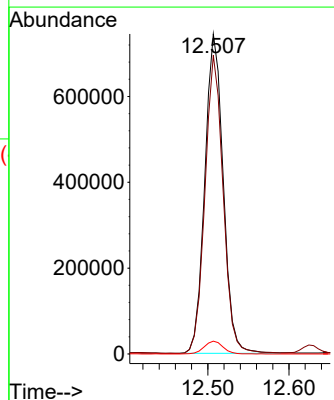
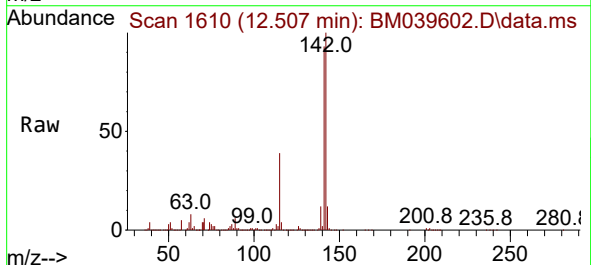
Instrument :
BNA_M
ClientSampleId :
SLCS288

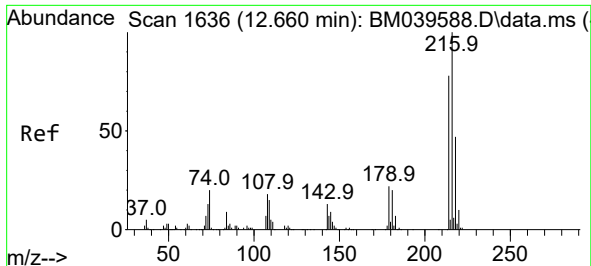
Tgt Ion:142 Resp: 1140144
Ion Ratio Lower Upper
142 100
141 88.0 71.1 106.7



#37
1-Methylnaphthalene
Concen: 29.570 ng/ul
RT: 12.507 min Scan# 1610
Delta R.T. -0.006 min
Lab File: BM039602.D
Acq: 23 Apr 2023 07:22

Tgt Ion:142 Resp: 1170553
Ion Ratio Lower Upper
142 100
141 93.4 72.0 108.0
116 4.0 3.2 4.8

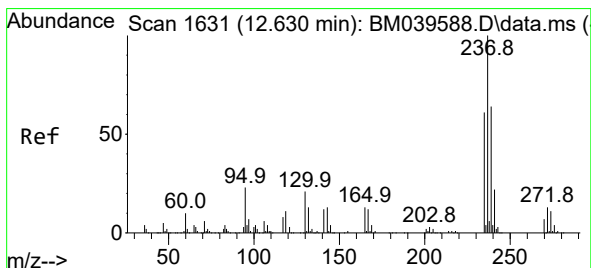
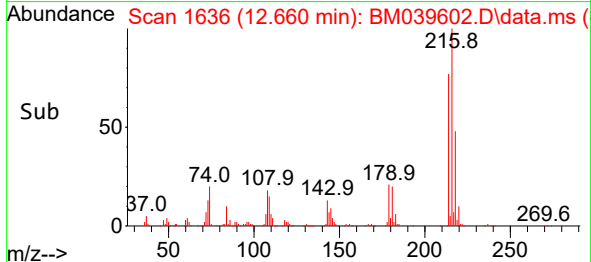
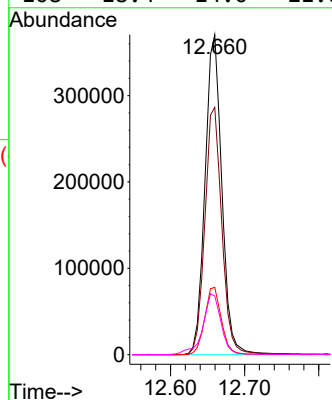
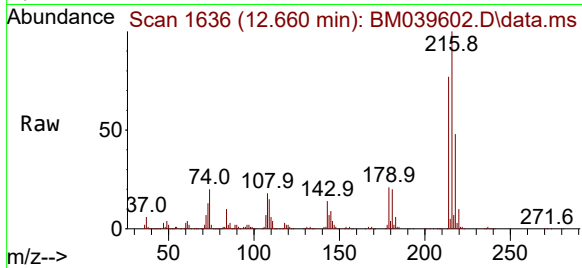




#39
1,2,4,5-Tetrachlorobenzene
Concen: 32.105 ng/ul
RT: 12.660 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM039602.D
Acq: 23 Apr 2023 07:22

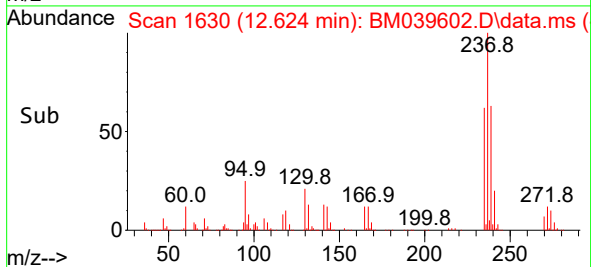
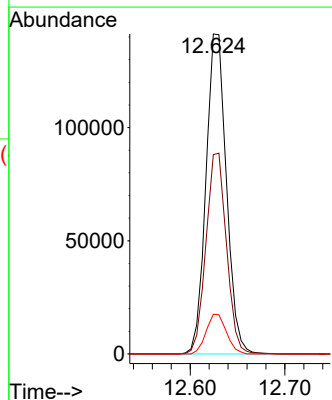
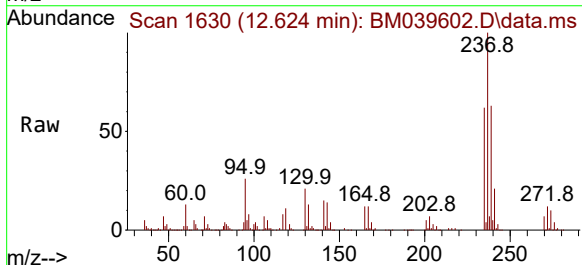
Instrument :
BNA_M
ClientSampleId :
SLCS288

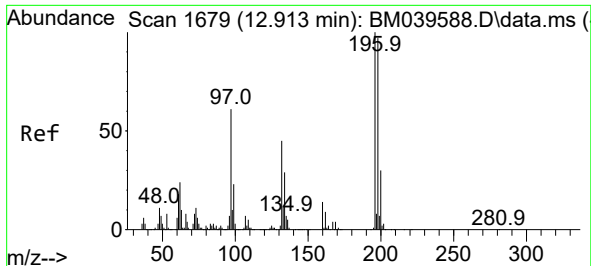
Tgt Ion:	216	Resp:	583830
Ion Ratio	Lower	Upper	
216	100		
214	77.3	62.2	93.2
179	21.1	16.5	24.7
108	18.4	14.0	21.0



#40
Hexachlorocyclopentadiene
Concen: 19.590 ng/ul
RT: 12.624 min Scan# 1630
Delta R.T. -0.006 min
Lab File: BM039602.D
Acq: 23 Apr 2023 07:22

Tgt Ion:	237	Resp:	212248
Ion Ratio	Lower	Upper	
237	100		
235	62.3	50.9	76.3
272	12.4	10.3	15.5

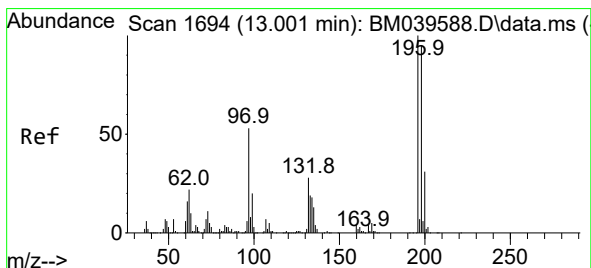
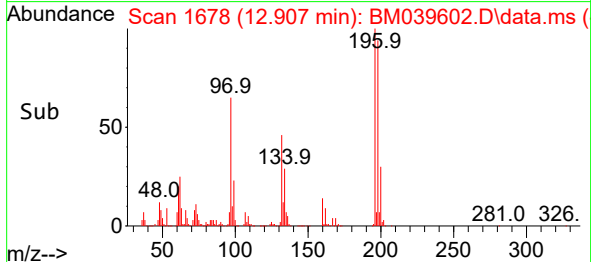
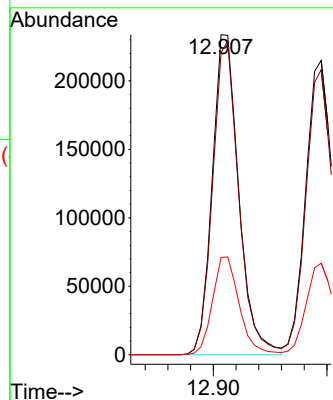
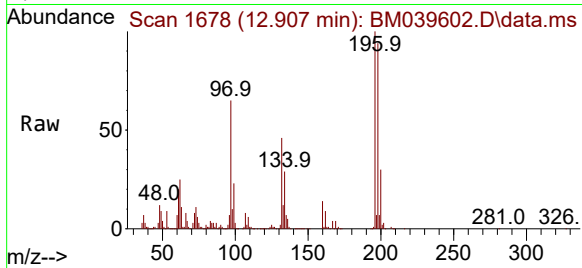




#41
2,4,6-Trichlorophenol
Concen: 31.320 ng/ul
RT: 12.907 min Scan# 1678
Delta R.T. -0.006 min
Lab File: BM039602.D
Acq: 23 Apr 2023 07:22

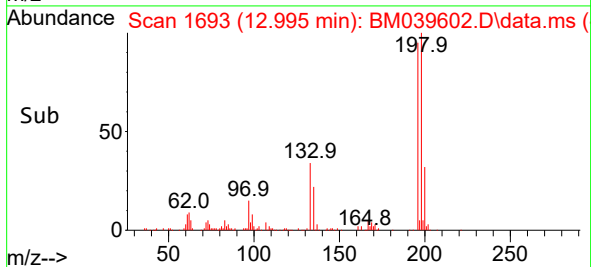
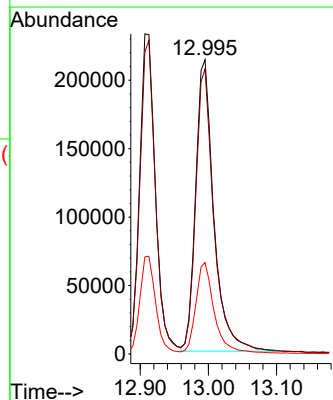
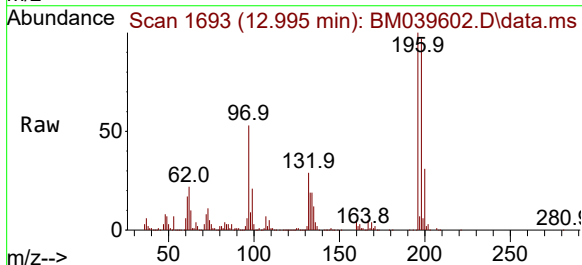
Instrument :
BNA_M
ClientSampleId :
SLCS288

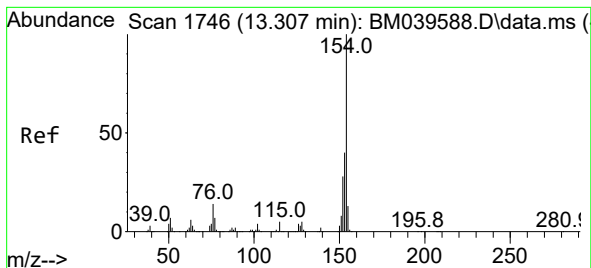
Tgt Ion:196 Resp: 380498
Ion Ratio Lower Upper
196 100
198 94.3 76.7 115.1
200 30.3 23.8 35.6



#42
2,4,5-Trichlorophenol
Concen: 31.384 ng/ul
RT: 12.995 min Scan# 1693
Delta R.T. -0.006 min
Lab File: BM039602.D
Acq: 23 Apr 2023 07:22

Tgt Ion:196 Resp: 396260
Ion Ratio Lower Upper
196 100
198 96.8 75.7 113.5
200 31.1 24.6 36.8





#43

1,1'-Biphenyl

Concen: 31.921 ng/ul

RT: 13.307 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM039602.D

Acq: 23 Apr 2023 07:22

Instrument :

BNA_M

ClientSampleId :

SLCS288

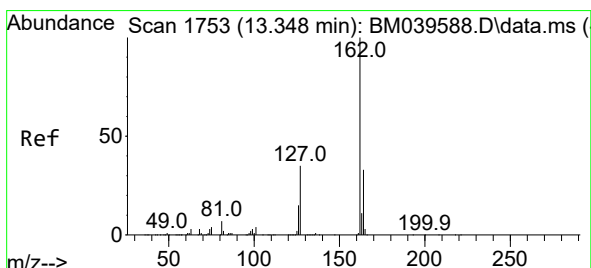
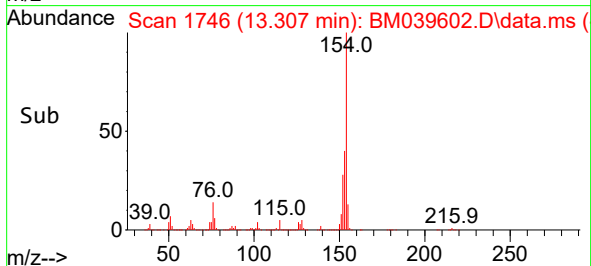
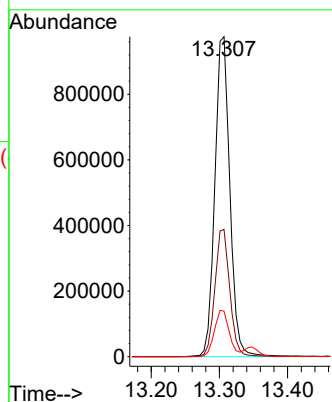
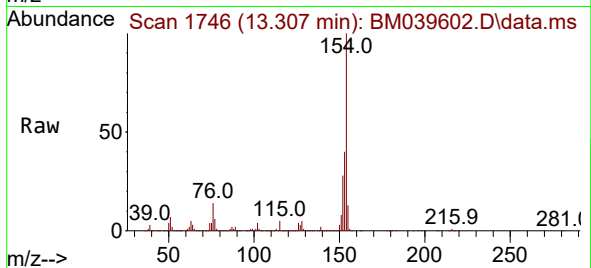
Tgt Ion:154 Resp: 1494506

Ion Ratio Lower Upper

154 100

153 39.7 31.9 47.9

76 14.2 11.5 17.3



#44

2-Chloronaphthalene

Concen: 31.969 ng/ul

RT: 13.348 min Scan# 1753

Delta R.T. -0.000 min

Lab File: BM039602.D

Acq: 23 Apr 2023 07:22

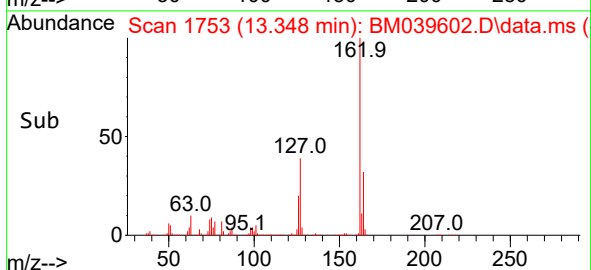
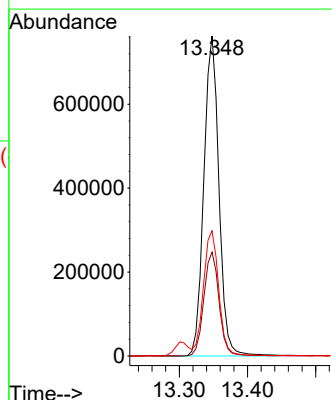
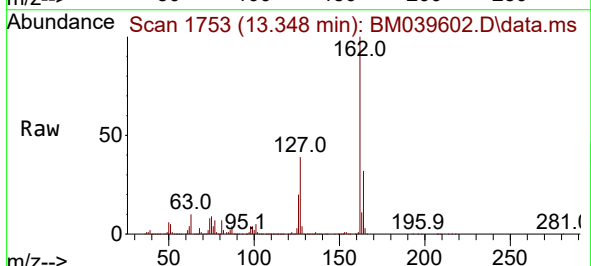
Tgt Ion:162 Resp: 1174120

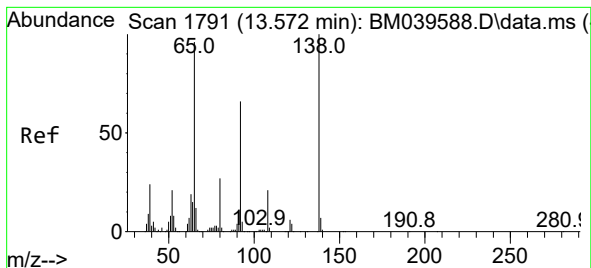
Ion Ratio Lower Upper

162 100

164 32.5 26.1 39.1

127 39.1 31.4 47.2





#45

2-Nitroaniline

Concen: 33.594 ng/ul

RT: 13.566 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM039602.D

Acq: 23 Apr 2023 07:22

Instrument :

BNA_M

ClientSampleId :

SLCS288

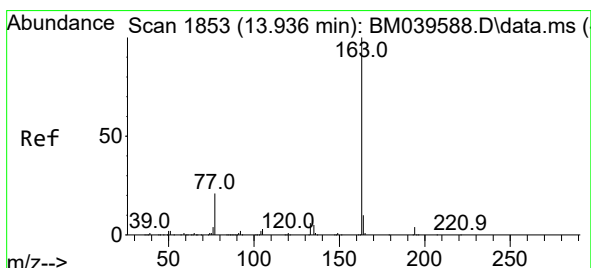
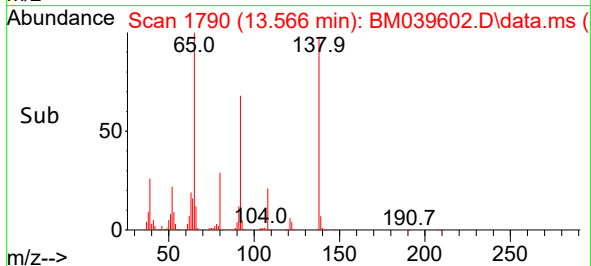
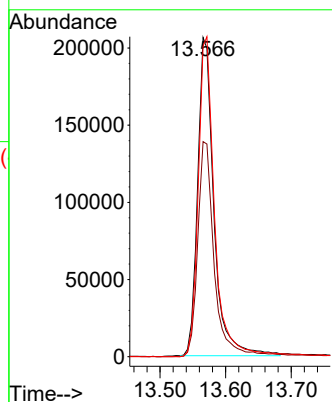
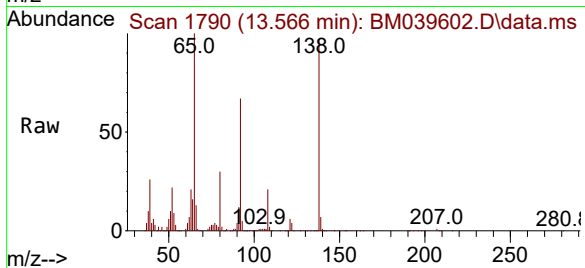
Tgt Ion: 65 Resp: 356050

Ion Ratio Lower Upper

65 100

92 67.4 53.4 80.2

138 97.3 83.2 124.8



#47

Dimethylphthalate

Concen: 29.399 ng/ul

RT: 13.936 min Scan# 1853

Delta R.T. -0.000 min

Lab File: BM039602.D

Acq: 23 Apr 2023 07:22

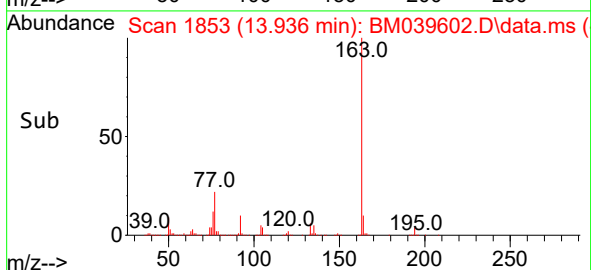
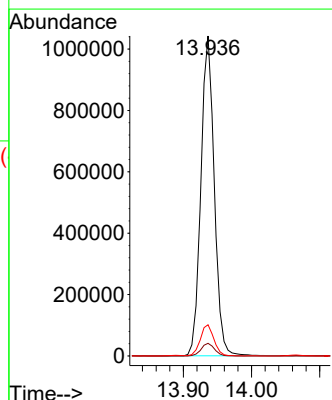
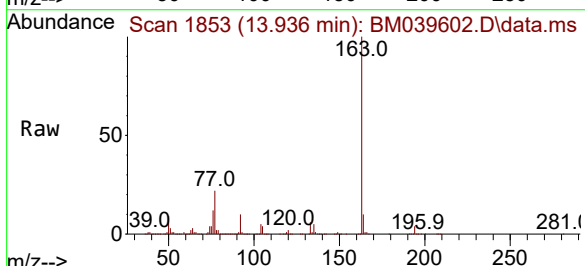
Tgt Ion:163 Resp: 1422170

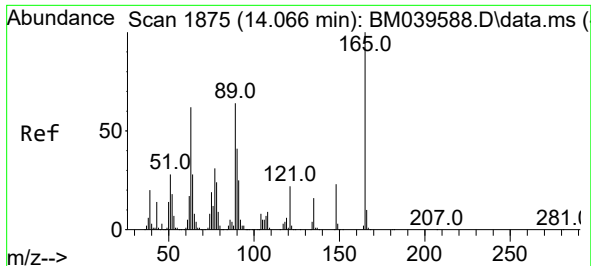
Ion Ratio Lower Upper

163 100

194 4.0 3.1 4.7

164 9.7 8.2 12.2

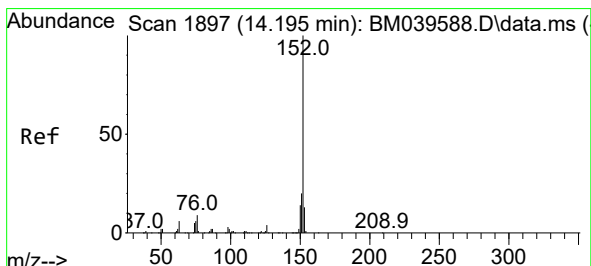
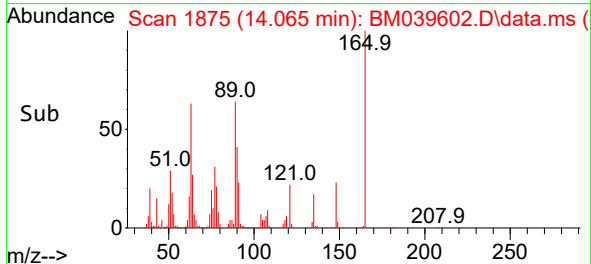
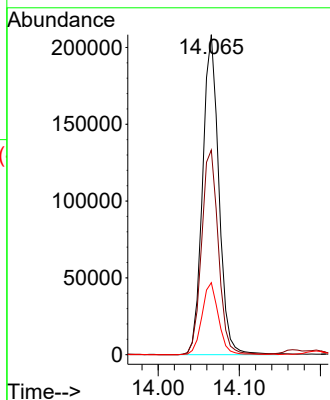
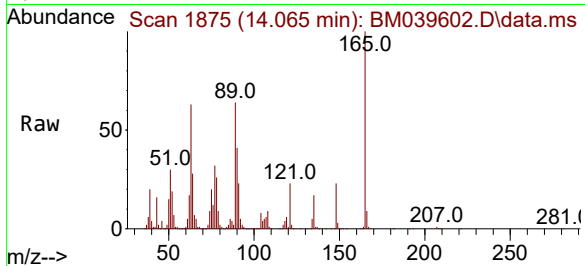




#48
 2,6-Dinitrotoluene
 Concen: 29.610 ng/ul
 RT: 14.065 min Scan# 1875
 Delta R.T. -0.000 min
 Lab File: BM039602.D
 Acq: 23 Apr 2023 07:22

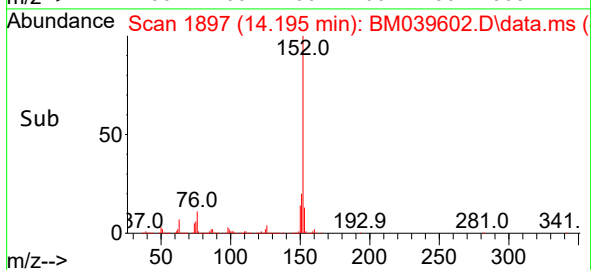
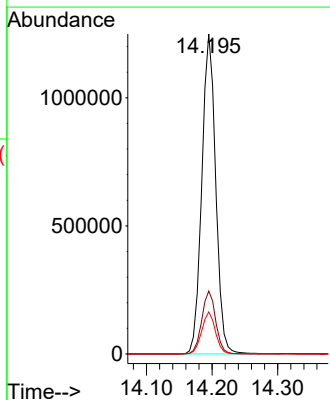
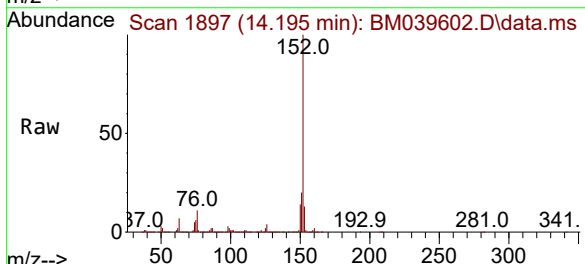
Instrument :
 BNA_M
 ClientSampleId :
 SLCS288

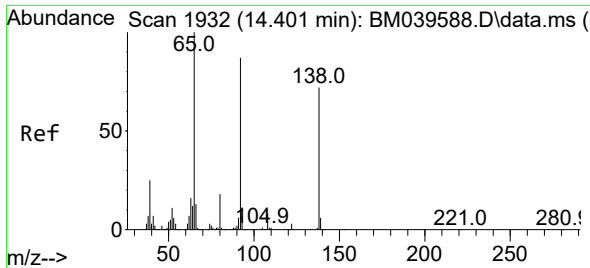
Tgt Ion:165 Resp: 289692
 Ion Ratio Lower Upper
 165 100
 89 63.9 50.6 76.0
 121 22.5 17.3 25.9



#50
 Acenaphthylene
 Concen: 31.430 ng/ul
 RT: 14.195 min Scan# 1897
 Delta R.T. -0.000 min
 Lab File: BM039602.D
 Acq: 23 Apr 2023 07:22

Tgt Ion:152 Resp: 1845385
 Ion Ratio Lower Upper
 152 100
 151 19.6 15.8 23.8
 153 13.1 10.4 15.6

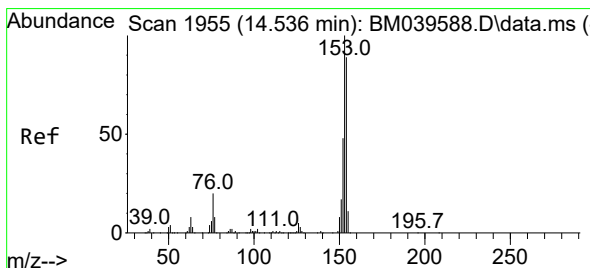
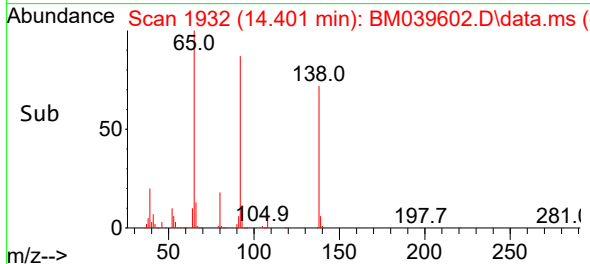
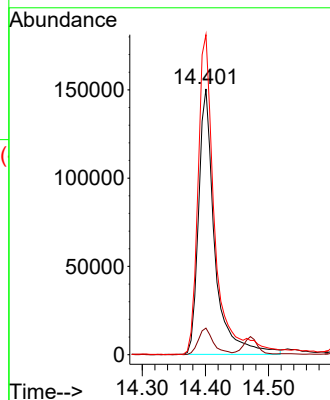
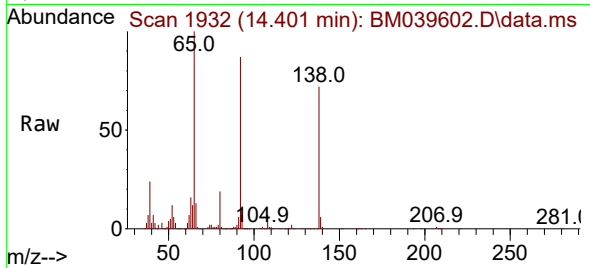




#51
3-Nitroaniline
Concen: 29.193 ng/ul
RT: 14.401 min Scan# 1932
Delta R.T. -0.000 min
Lab File: BM039602.D
Acq: 23 Apr 2023 07:22

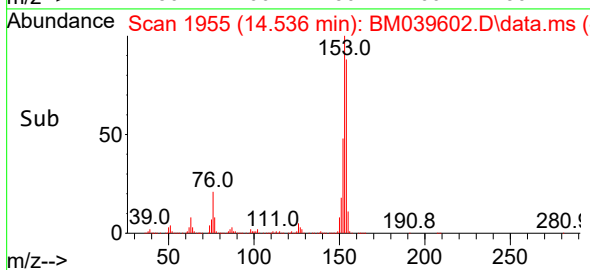
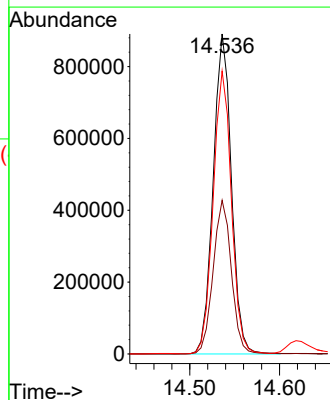
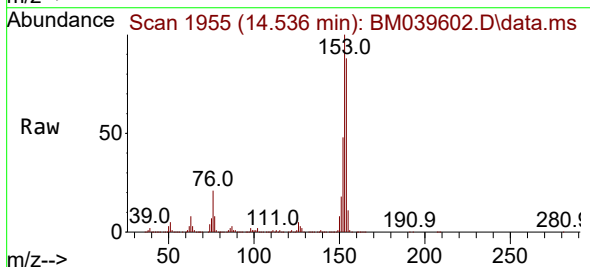
Instrument :
BNA_M
ClientSampleId :
SLCS288

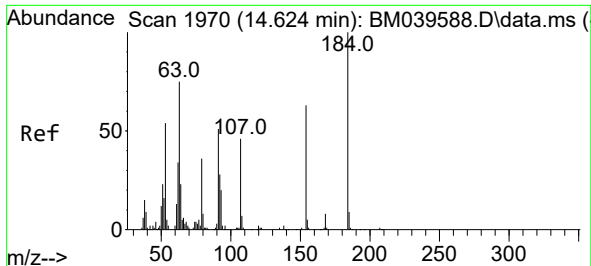
Tgt Ion:138 Resp: 267705
Ion Ratio Lower Upper
138 100
108 10.0 8.8 13.2
92 120.4 95.5 143.3



#52
Acenaphthene
Concen: 31.081 ng/ul
RT: 14.536 min Scan# 1955
Delta R.T. -0.000 min
Lab File: BM039602.D
Acq: 23 Apr 2023 07:22

Tgt Ion:153 Resp: 1256436
Ion Ratio Lower Upper
153 100
152 48.0 38.2 57.4
154 88.4 71.0 106.4

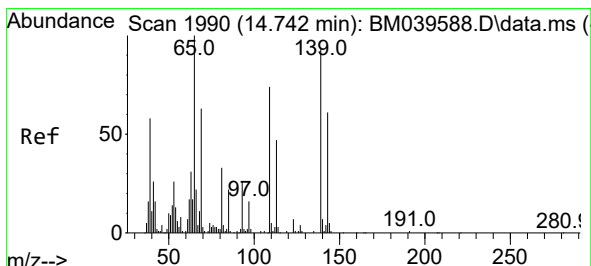
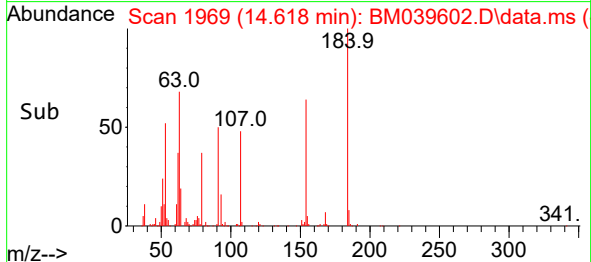
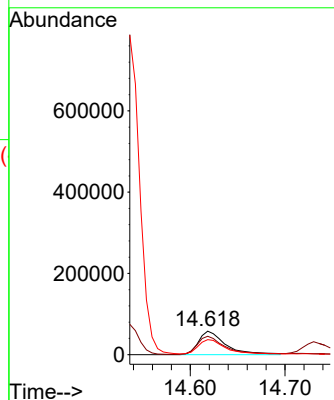
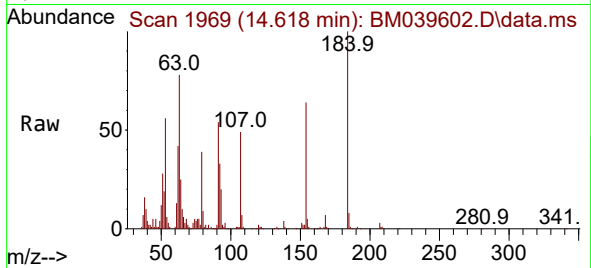




#53
2,4-Dinitrophenol
Concen: 22.076 ng/ul
RT: 14.618 min Scan# 1969
Delta R.T. -0.006 min
Lab File: BM039602.D
Acq: 23 Apr 2023 07:22

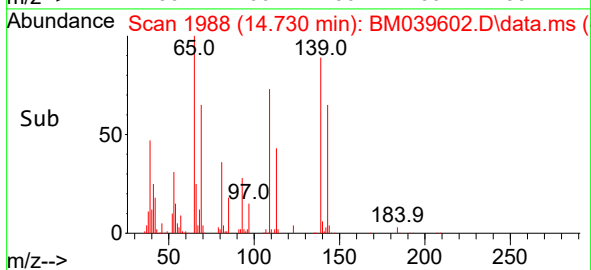
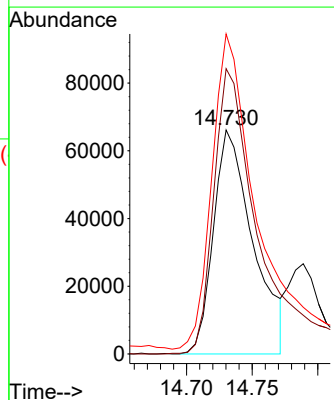
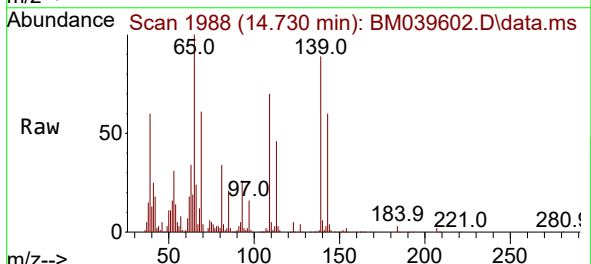
Instrument :
BNA_M
ClientSampleId :
SLCS288

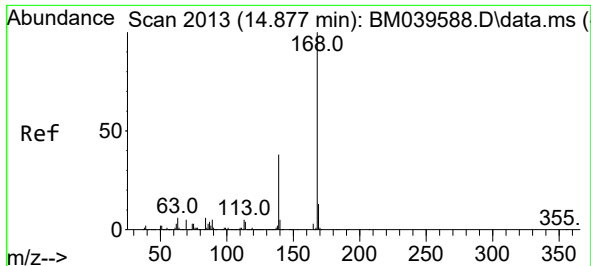
Tgt Ion:184 Resp: 114968
Ion Ratio Lower Upper
184 100
63 78.2 60.0 90.0
154 63.8 51.8 77.6



#55
4-Nitrophenol
Concen: 24.692 ng/ul
RT: 14.730 min Scan# 1988
Delta R.T. -0.012 min
Lab File: BM039602.D
Acq: 23 Apr 2023 07:22

Tgt Ion:109 Resp: 138684
Ion Ratio Lower Upper
109 100
139 127.4 106.4 159.6
65 142.9 104.8 157.2

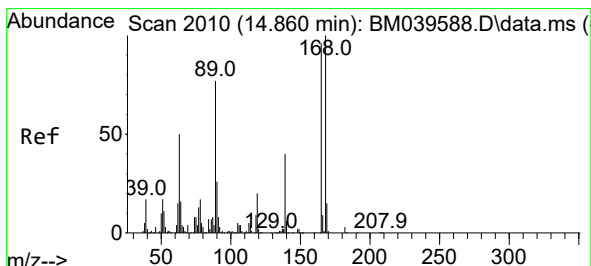
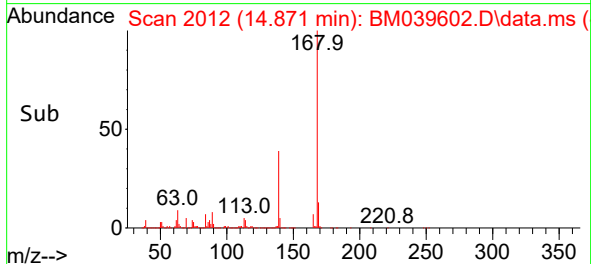
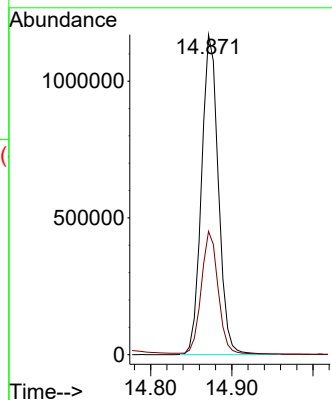
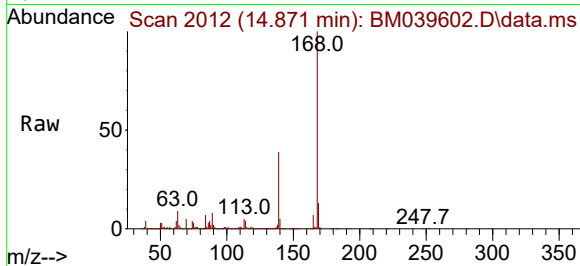




#56
Dibenzofuran
Concen: 30.686 ng/ul
RT: 14.871 min Scan# 2013
Delta R.T. -0.006 min
Lab File: BM039602.D
Acq: 23 Apr 2023 07:22

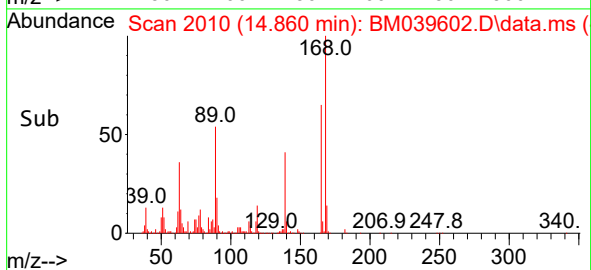
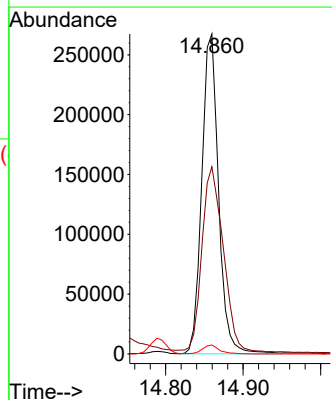
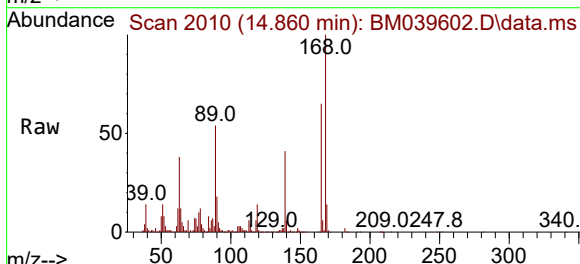
Instrument :
BNA_M
ClientSampleId :
SLCS288

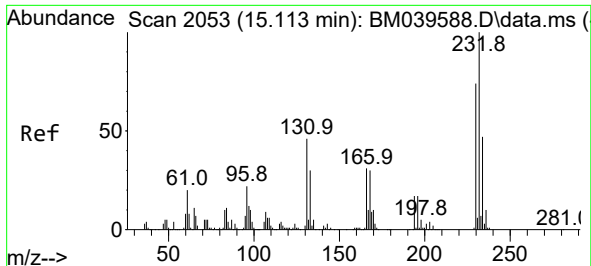
Tgt Ion:168 Resp: 1686080
Ion Ratio Lower Upper
168 100
139 38.6 30.7 46.1



#57
2,4-Dinitrotoluene
Concen: 29.478 ng/ul
RT: 14.860 min Scan# 2010
Delta R.T. -0.000 min
Lab File: BM039602.D
Acq: 23 Apr 2023 07:22

Tgt Ion:165 Resp: 400736
Ion Ratio Lower Upper
165 100
63 58.5 39.4 59.2
182 2.8 2.0 3.0

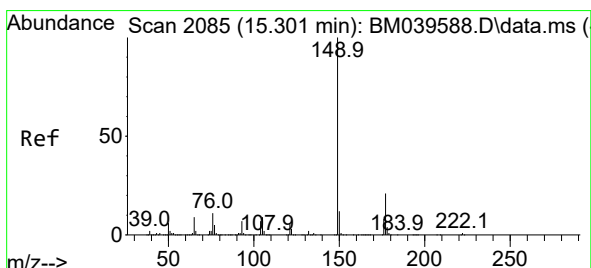
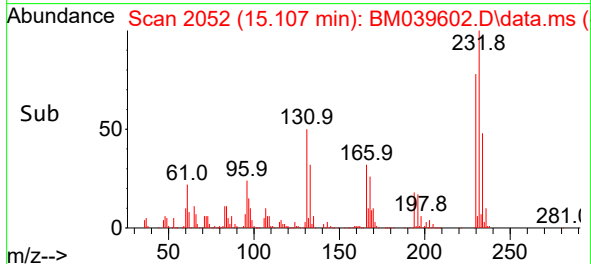
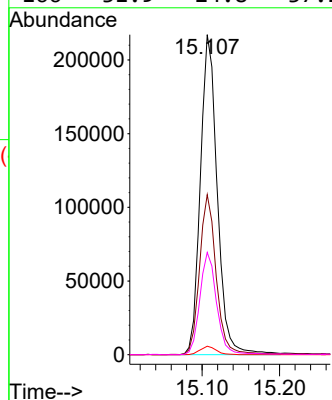
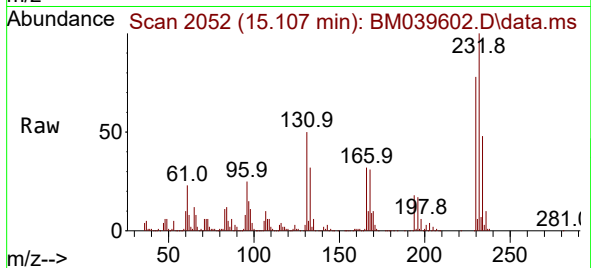




#58
2,3,4,6-Tetrachlorophenol
Concen: 29.164 ng/ul
RT: 15.107 min Scan# 2052
Delta R.T. -0.006 min
Lab File: BM039602.D
Acq: 23 Apr 2023 07:22

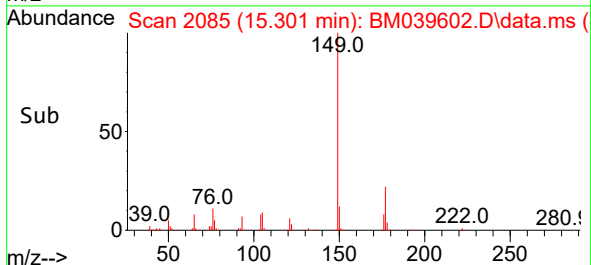
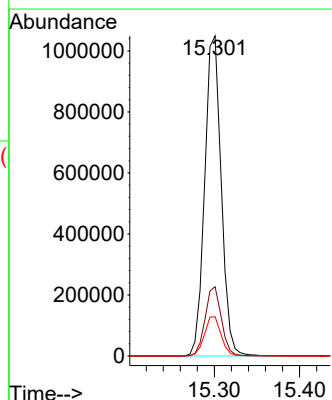
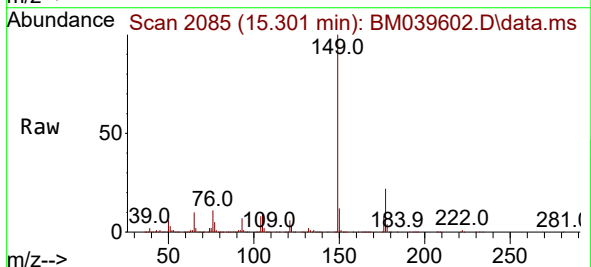
Instrument :
BNA_M
ClientSampleId :
SLCS288

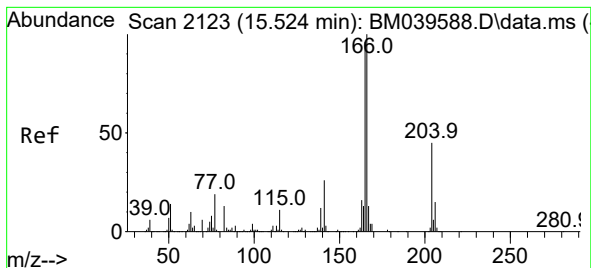
Tgt Ion:232 Resp: 329611
Ion Ratio Lower Upper
232 100
131 50.0 38.0 57.0
130 2.6 2.0 3.0
166 31.9 24.8 37.2



#59
Diethylphthalate
Concen: 28.210 ng/ul
RT: 15.301 min Scan# 2085
Delta R.T. -0.000 min
Lab File: BM039602.D
Acq: 23 Apr 2023 07:22

Tgt Ion:149 Resp: 1414659
Ion Ratio Lower Upper
149 100
177 21.6 17.3 25.9
150 12.2 9.8 14.6





#61

Fluorene

Concen: 30.226 ng/ul

RT: 15.524 min Scan# 2123

Delta R.T. -0.000 min

Lab File: BM039602.D

Acq: 23 Apr 2023 07:22

Instrument :

BNA_M

ClientSampleId :

SLCS288

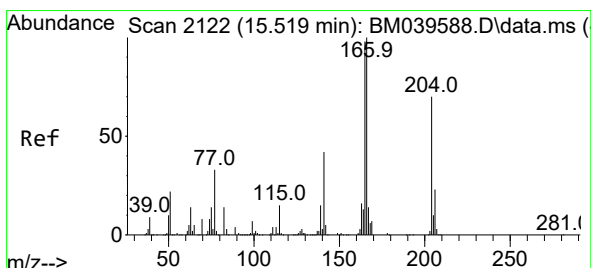
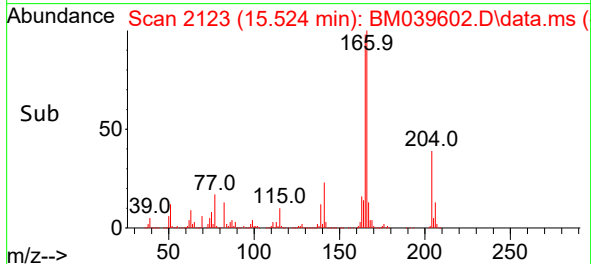
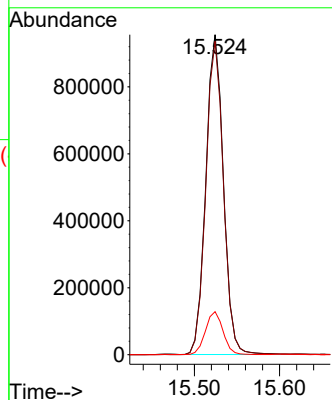
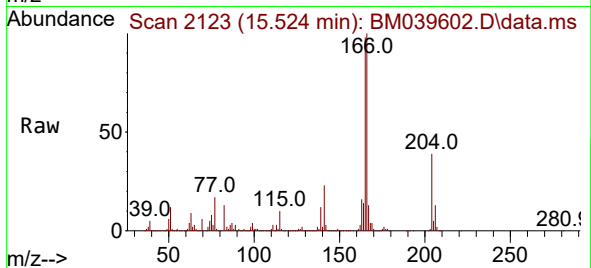
Tgt Ion:166 Resp: 1373837

Ion Ratio Lower Upper

166 100

165 98.0 78.2 117.2

167 13.4 10.7 16.1



#62

4-Chlorophenyl-phenylether

Concen: 29.781 ng/ul

RT: 15.518 min Scan# 2122

Delta R.T. -0.000 min

Lab File: BM039602.D

Acq: 23 Apr 2023 07:22

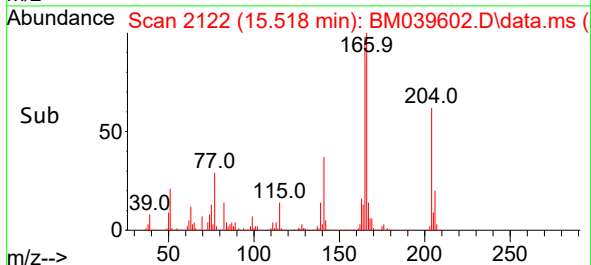
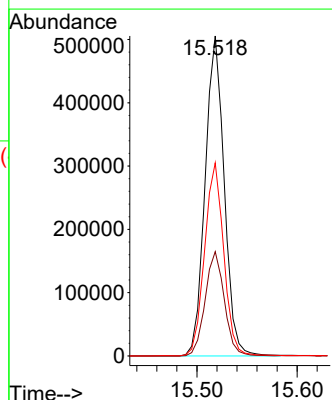
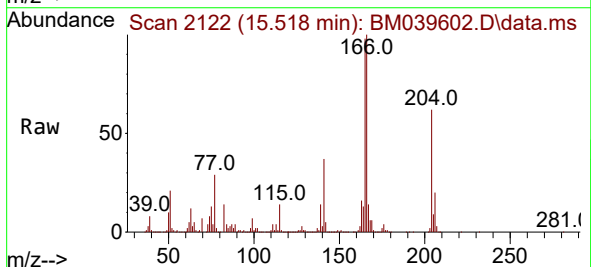
Tgt Ion:204 Resp: 670904

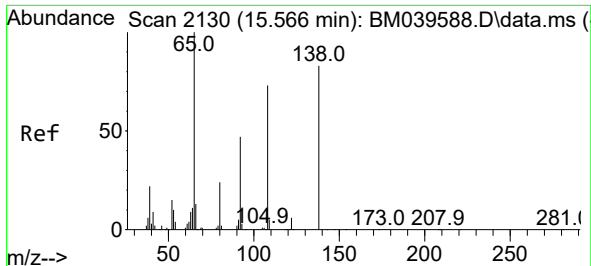
Ion Ratio Lower Upper

204 100

206 32.6 26.8 40.2

141 60.3 48.5 72.7

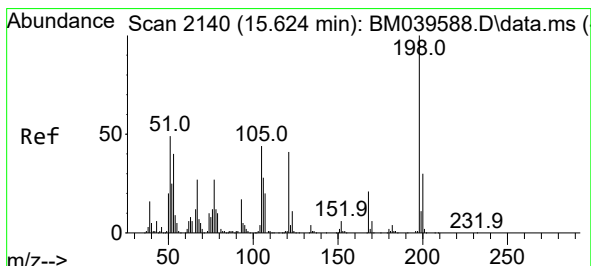
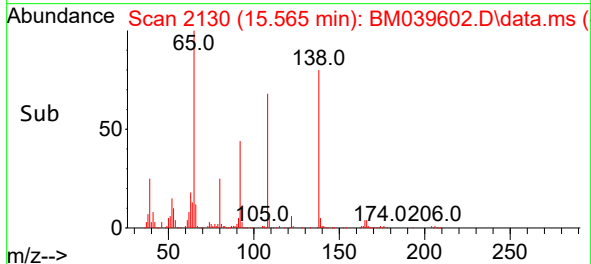
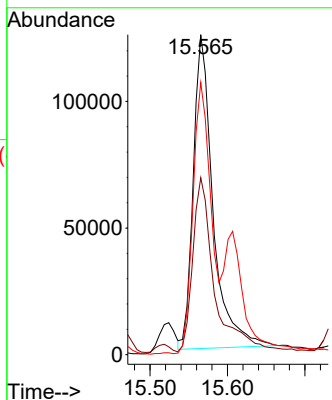
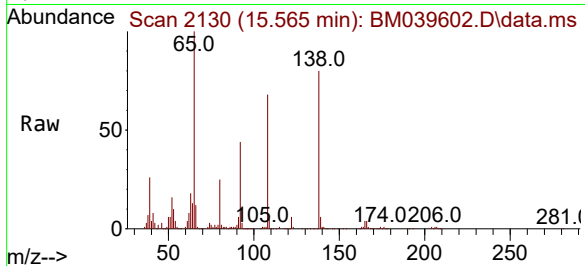




#63
4-Nitroaniline
Concen: 31.155 ng/ul
RT: 15.565 min Scan# 2130
Delta R.T. -0.000 min
Lab File: BM039602.D
Acq: 23 Apr 2023 07:22

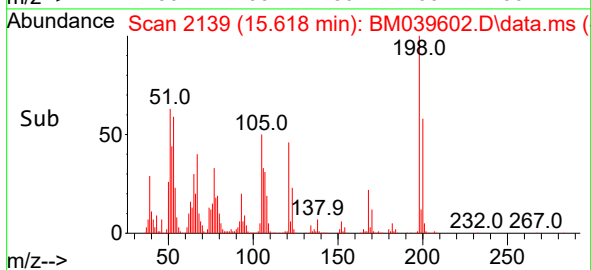
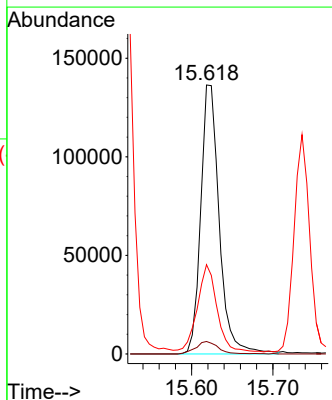
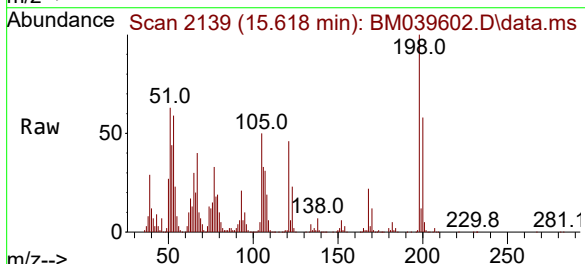
Instrument :
BNA_M
ClientSampleId :
SLCS288

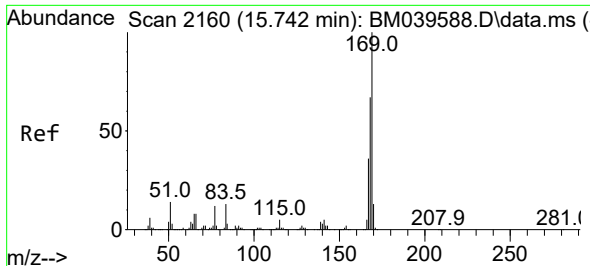
Tgt Ion:138 Resp: 219087
Ion Ratio Lower Upper
138 100
92 55.3 44.1 66.1
108 85.1 64.6 97.0



#66
4,6-Dinitro-2-methylphenol
Concen: 29.861 ng/ul
RT: 15.618 min Scan# 2139
Delta R.T. -0.006 min
Lab File: BM039602.D
Acq: 23 Apr 2023 07:22

Tgt Ion:198 Resp: 216565
Ion Ratio Lower Upper
198 100
182 4.7 3.1 4.7
77 33.2 20.6 31.0#

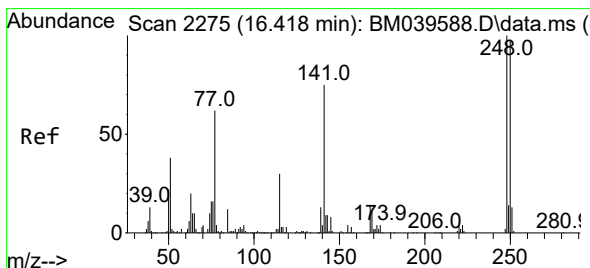
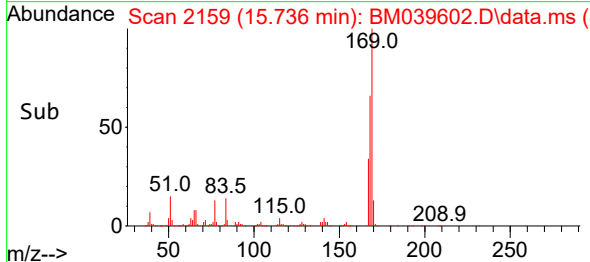
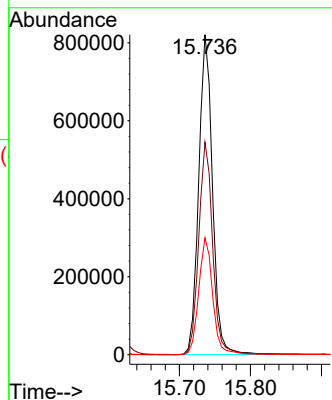
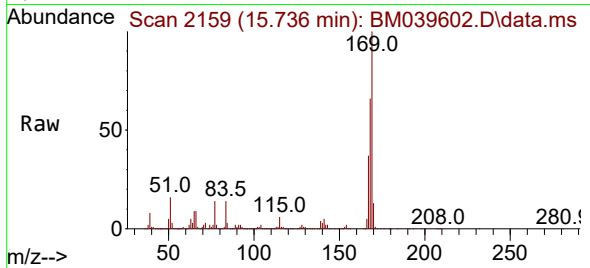




#67
N-Nitrosodiphenylamine
Concen: 32.881 ng/ul
RT: 15.736 min Scan# 2160
Delta R.T. -0.006 min
Lab File: BM039602.D
Acq: 23 Apr 2023 07:22

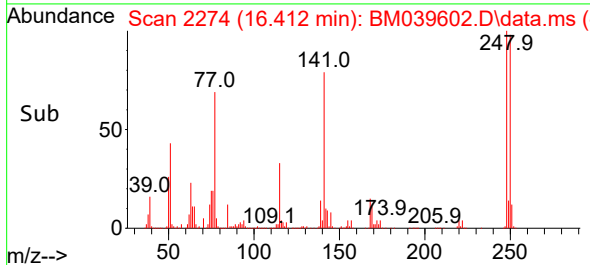
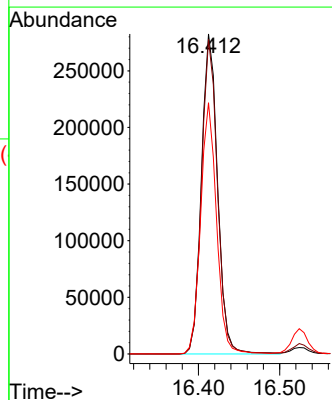
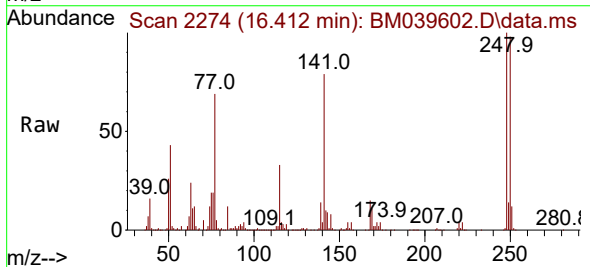
Instrument :
BNA_M
ClientSampleId :
SLCS288

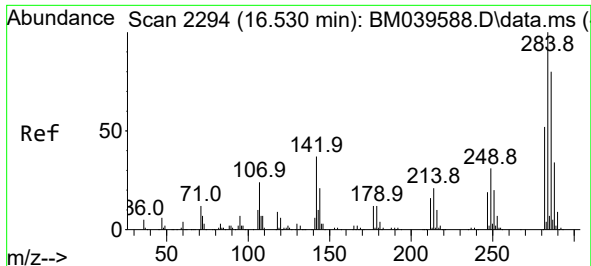
Tgt Ion:169 Resp: 1112039
Ion Ratio Lower Upper
169 100
168 66.4 53.2 79.8
167 36.5 28.9 43.3



#68
4-Bromophenyl-phenylether
Concen: 31.891 ng/ul
RT: 16.412 min Scan# 2274
Delta R.T. -0.006 min
Lab File: BM039602.D
Acq: 23 Apr 2023 07:22

Tgt Ion:248 Resp: 390993
Ion Ratio Lower Upper
248 100
250 98.2 77.7 116.5
141 78.5 61.0 91.4

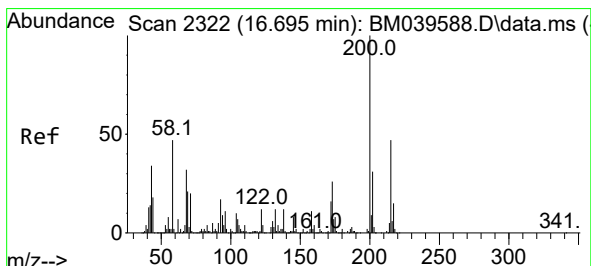
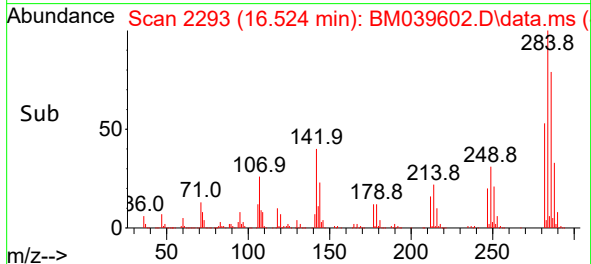
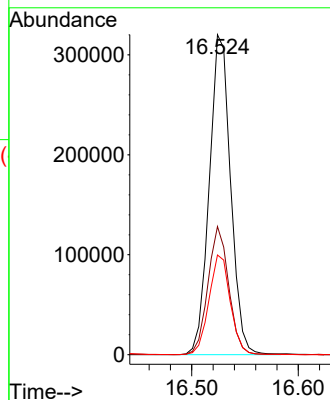
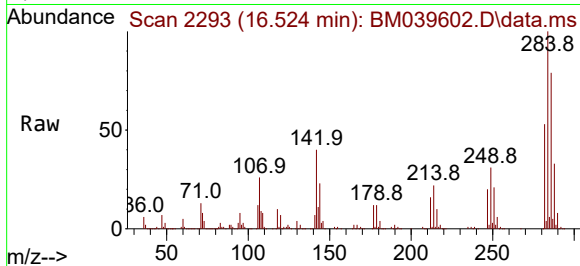




#69
Hexachlorobenzene
Concen: 31.599 ng/ul
RT: 16.524 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM039602.D
Acq: 23 Apr 2023 07:22

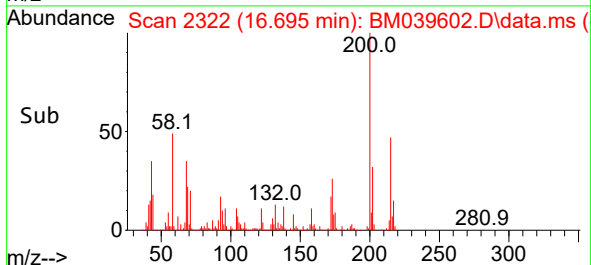
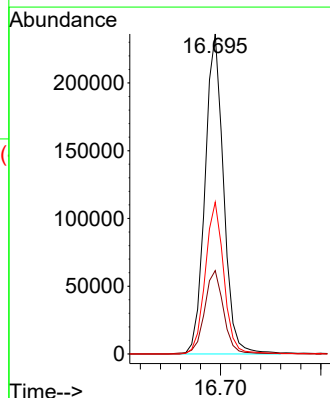
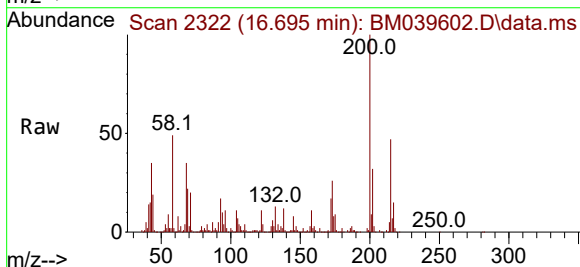
Instrument :
BNA_M
ClientSampleId :
SLCS288

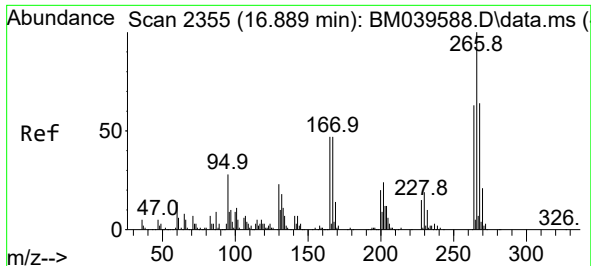
Tgt Ion:284 Resp: 445068
Ion Ratio Lower Upper
284 100
142 40.1 28.9 43.3
249 31.2 23.9 35.9



#70
Atrazine
Concen: 24.258 ng/ul
RT: 16.695 min Scan# 2322
Delta R.T. -0.000 min
Lab File: BM039602.D
Acq: 23 Apr 2023 07:22

Tgt Ion:200 Resp: 304429
Ion Ratio Lower Upper
200 100
173 26.1 22.2 33.2
215 47.5 38.9 58.3

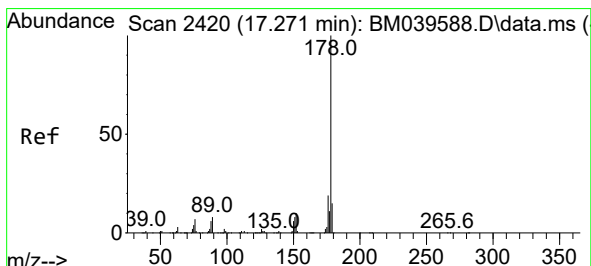
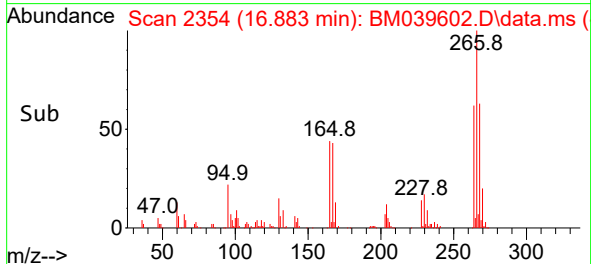
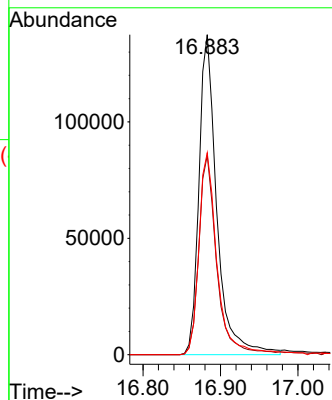
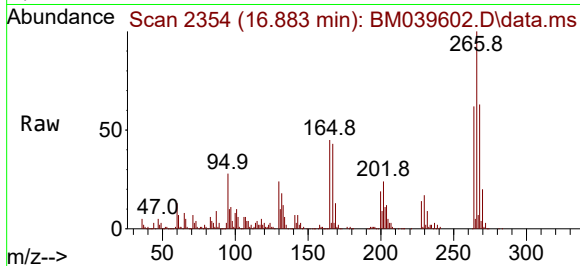




#71
Pentachlorophenol
Concen: 26.775 ng/ul
RT: 16.883 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM039602.D
Acq: 23 Apr 2023 07:22

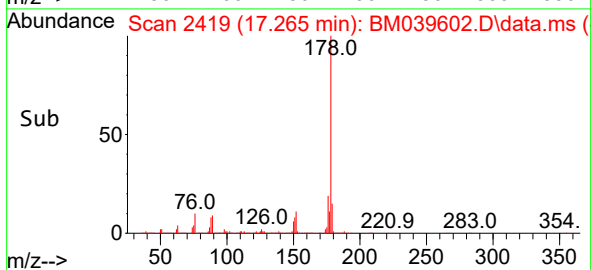
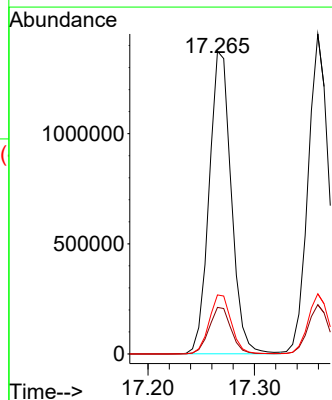
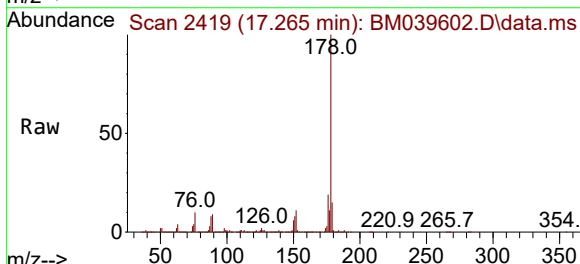
Instrument :
BNA_M
ClientSampleId :
SLCS288

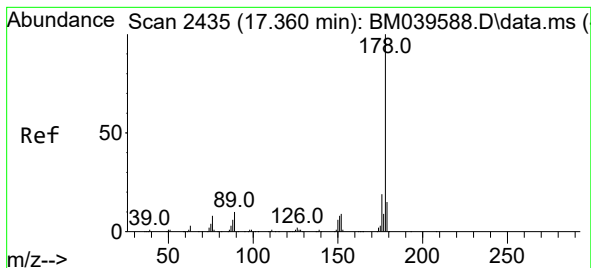
Tgt Ion:266 Resp: 220459
Ion Ratio Lower Upper
266 100
264 62.3 50.2 75.4
268 63.1 51.9 77.9



#72
Phenanthrene
Concen: 31.469 ng/ul
RT: 17.265 min Scan# 2419
Delta R.T. -0.006 min
Lab File: BM039602.D
Acq: 23 Apr 2023 07:22

Tgt Ion:178 Resp: 1983188
Ion Ratio Lower Upper
178 100
179 15.4 12.2 18.4
176 19.5 15.8 23.8





#74

Anthracene

Concen: 31.770 ng/uI

RT: 17.359 min Scan# 2435

Delta R.T. -0.000 min

Lab File: BM039602.D

Acq: 23 Apr 2023 07:22

Instrument :

BNA_M

ClientSampleId :

SLCS288

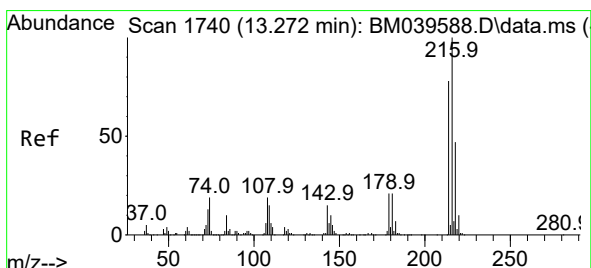
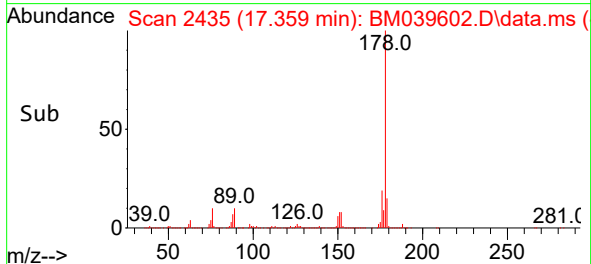
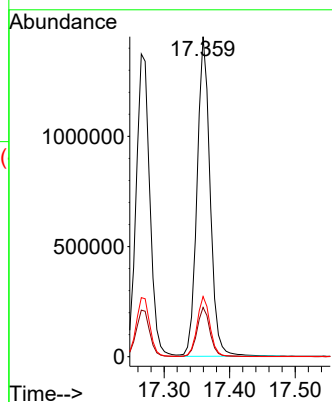
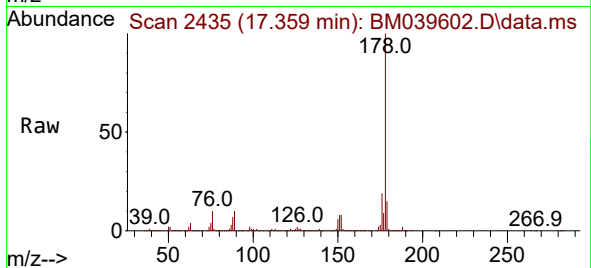
Tgt Ion:178 Resp: 2008519

Ion Ratio Lower Upper

178 100

179 15.4 12.1 18.1

176 18.8 15.0 22.6



#75

1,2,3,4-Tetrachlorobenzene

Concen: 34.752 ng/uI

RT: 13.266 min Scan# 1739

Delta R.T. -0.006 min

Lab File: BM039602.D

Acq: 23 Apr 2023 07:22

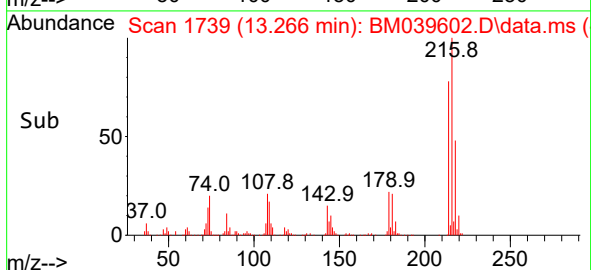
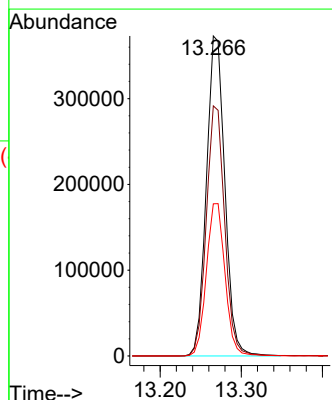
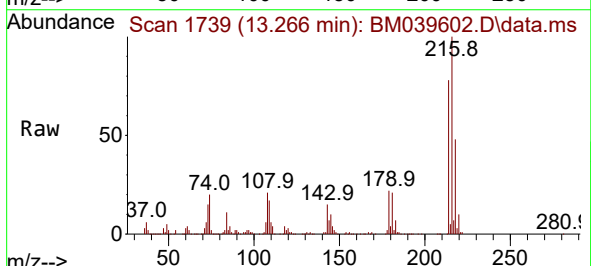
Tgt Ion:216 Resp: 587497

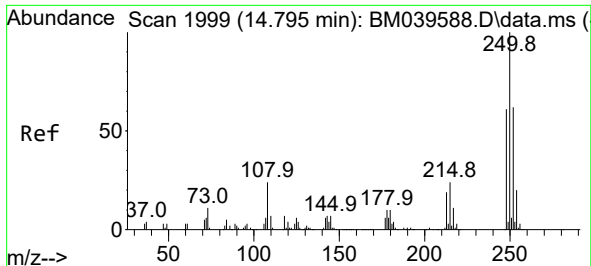
Ion Ratio Lower Upper

216 100

214 78.1 63.0 94.4

218 47.5 38.1 57.1

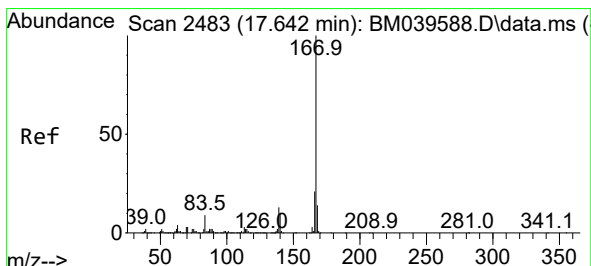
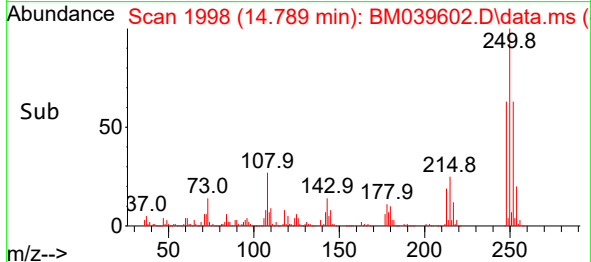
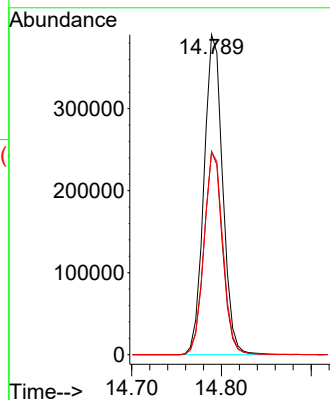
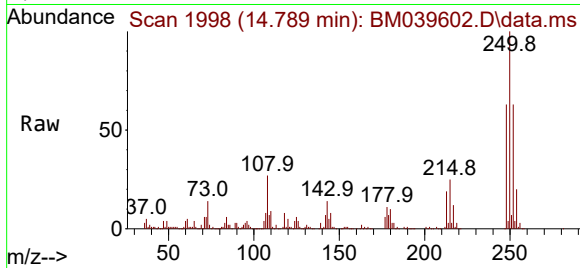




#76
 Pentachlorobenzene
 Concen: 33.970 ng/uL
 RT: 14.789 min Scan# 1998
 Delta R.T. -0.006 min
 Lab File: BM039602.D
 Acq: 23 Apr 2023 07:22

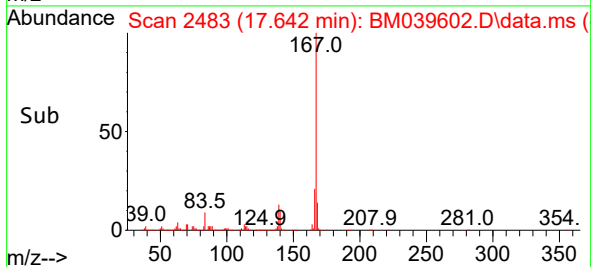
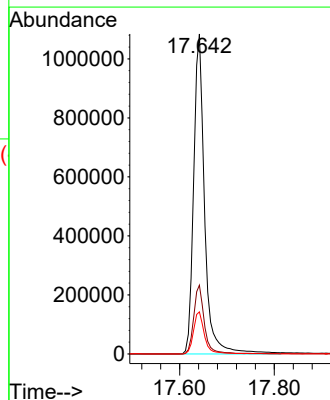
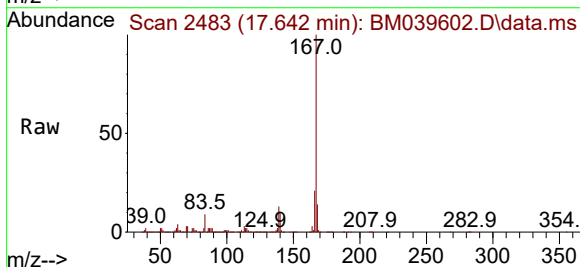
Instrument :
 BNA_M
 ClientSampleId :
 SLCS288

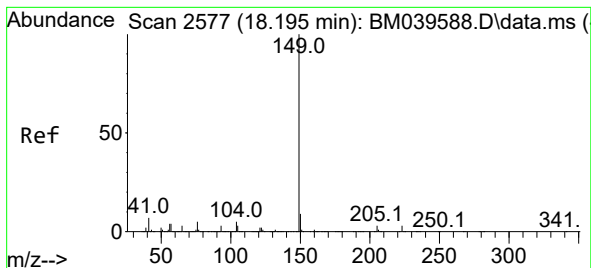
Tgt Ion:250 Resp: 565258
 Ion Ratio Lower Upper
 250 100
 248 63.5 50.4 75.6
 252 63.4 50.2 75.2



#77
 Carbazole
 Concen: 31.140 ng/uL
 RT: 17.642 min Scan# 2483
 Delta R.T. -0.000 min
 Lab File: BM039602.D
 Acq: 23 Apr 2023 07:22

Tgt Ion:167 Resp: 1749445
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.0 25.4
 139 13.2 10.6 15.8





#78

Di-n-butylphthalate

Concen: 27.958 ng/ul

RT: 18.195 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM039602.D

Acq: 23 Apr 2023 07:22

Instrument :

BNA_M

ClientSampleId :

SLCS288

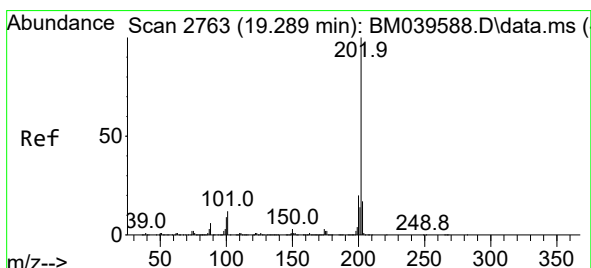
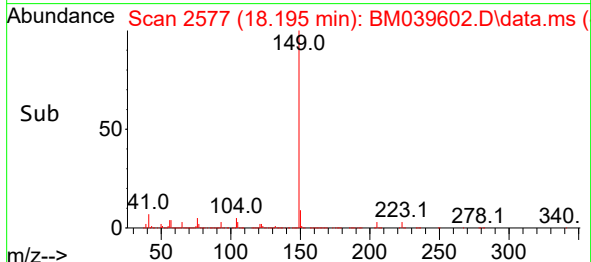
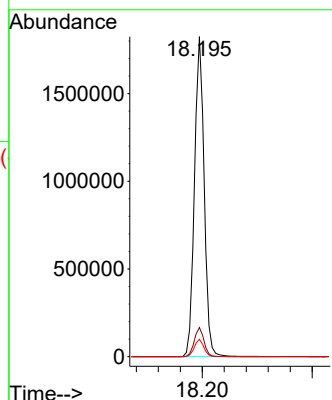
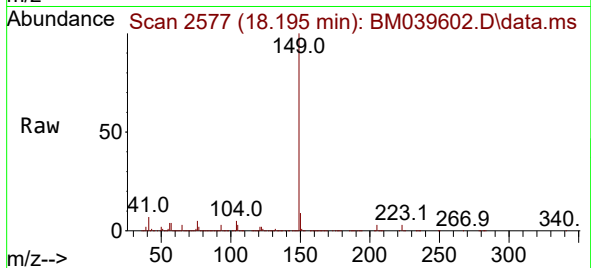
Tgt Ion:149 Resp: 2221607

Ion Ratio Lower Upper

149 100

150 9.1 7.0 10.6

104 5.4 4.1 6.1



#80

Fluoranthene

Concen: 31.505 ng/ul

RT: 19.289 min Scan# 2763

Delta R.T. -0.000 min

Lab File: BM039602.D

Acq: 23 Apr 2023 07:22

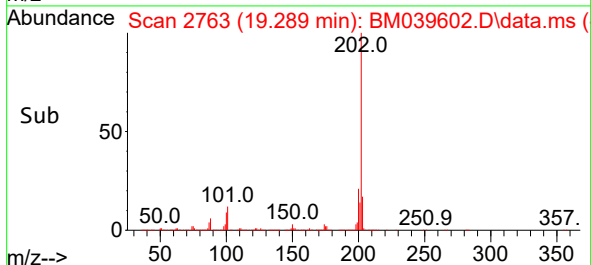
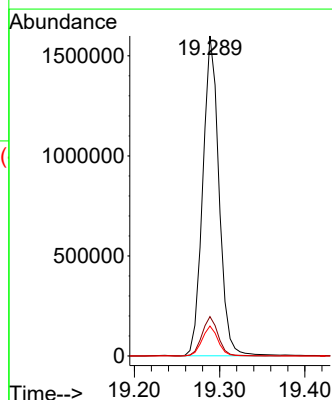
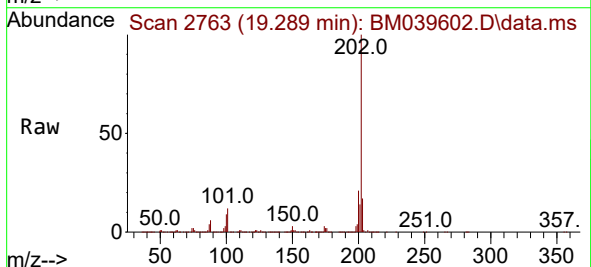
Tgt Ion:202 Resp: 2116973

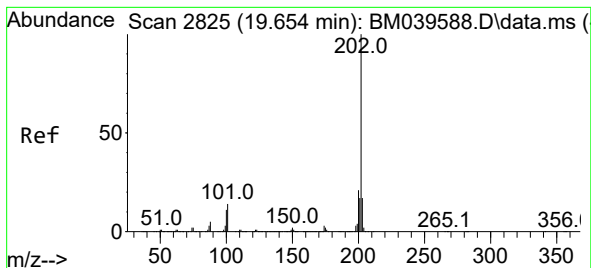
Ion Ratio Lower Upper

202 100

101 12.3 10.4 15.6

100 9.3 7.7 11.5





#82

Pyrene

Concen: 31.546 ng/ul

RT: 19.653 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM039602.D

Acq: 23 Apr 2023 07:22

Instrument :

BNA_M

ClientSampleId :

SLCS288

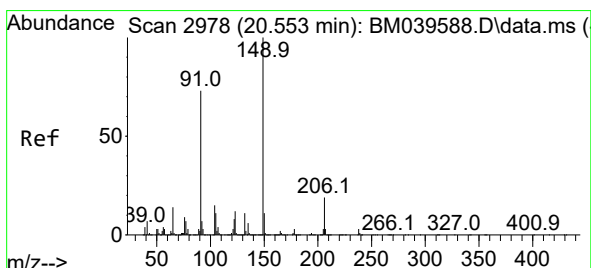
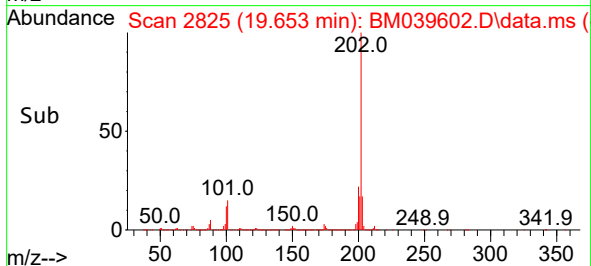
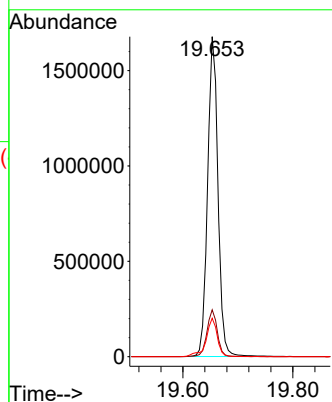
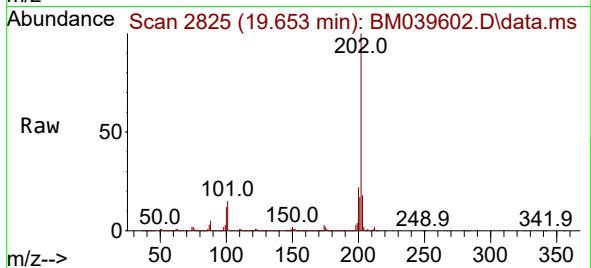
Tgt Ion:202 Resp: 2194329

Ion Ratio Lower Upper

202 100

101 14.7 12.1 18.1

100 12.0 9.6 14.4



#83

Butylbenzylphthalate

Concen: 27.588 ng/ul

RT: 20.553 min Scan# 2978

Delta R.T. -0.000 min

Lab File: BM039602.D

Acq: 23 Apr 2023 07:22

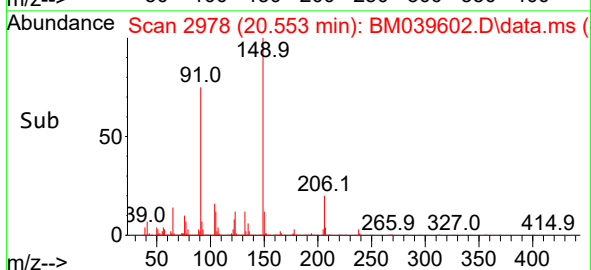
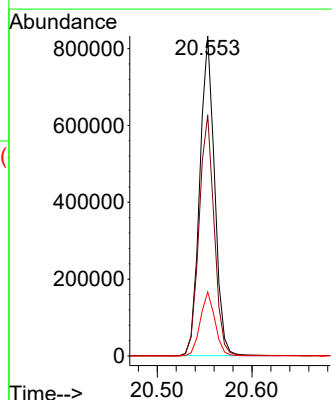
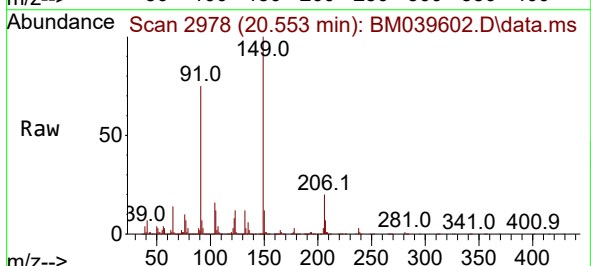
Tgt Ion:149 Resp: 905850

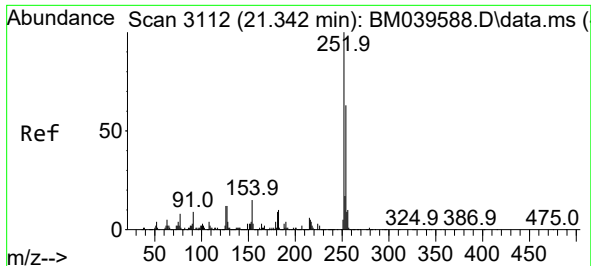
Ion Ratio Lower Upper

149 100

91 75.3 59.4 89.0

206 20.0 15.8 23.8

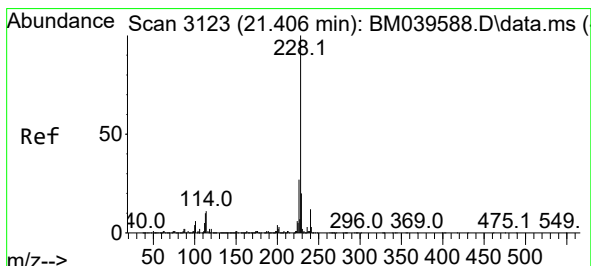
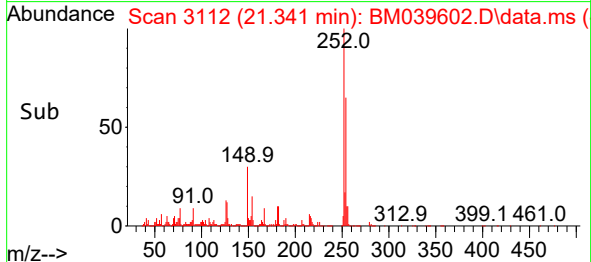
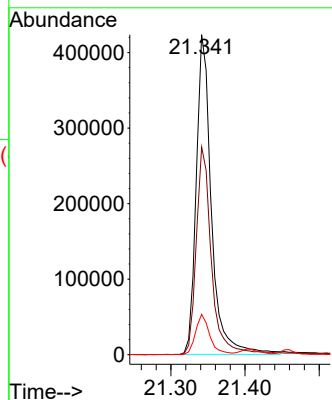
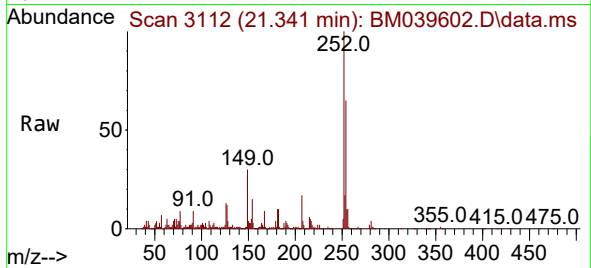




#84
3,3'-Dichlorobenzidine
Concen: 31.525 ng/ul
RT: 21.341 min Scan# 3112
Delta R.T. -0.000 min
Lab File: BM039602.D
Acq: 23 Apr 2023 07:22

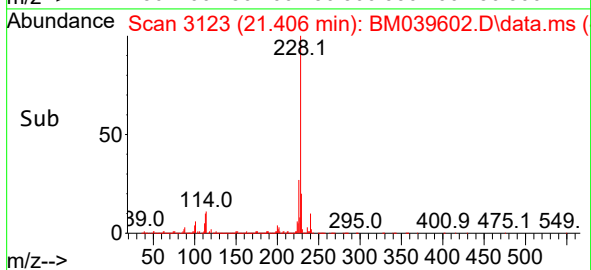
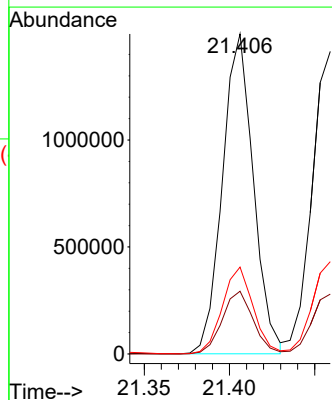
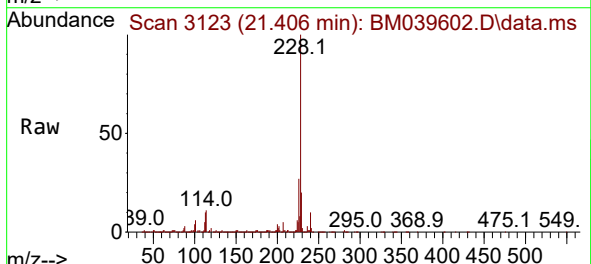
Instrument :
BNA_M
ClientSampleId :
SLCS288

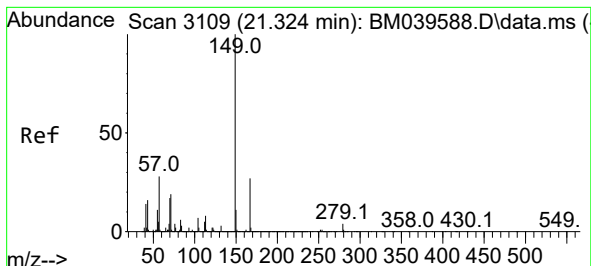
Tgt Ion:252 Resp: 603106
Ion Ratio Lower Upper
252 100
254 64.9 50.9 76.3
126 12.6 10.4 15.6



#85
Benzo(a)anthracene
Concen: 30.267 ng/ul
RT: 21.406 min Scan# 3123
Delta R.T. -0.000 min
Lab File: BM039602.D
Acq: 23 Apr 2023 07:22

Tgt Ion:228 Resp: 1888624
Ion Ratio Lower Upper
228 100
229 19.6 15.4 23.2
226 27.1 21.6 32.4

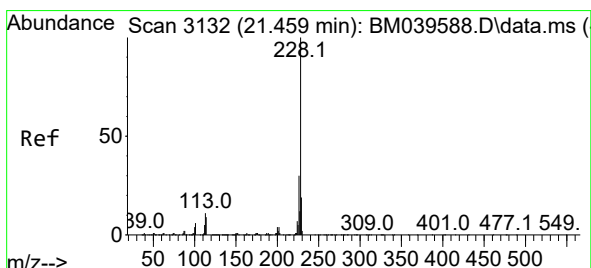
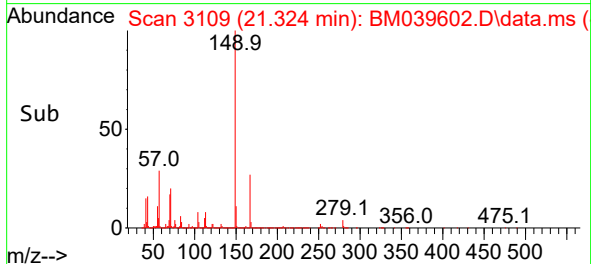
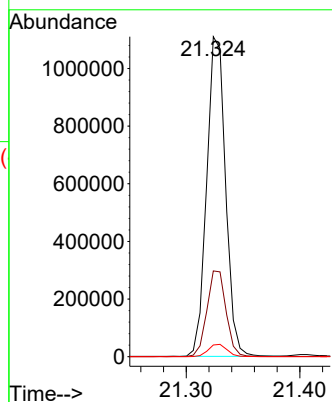
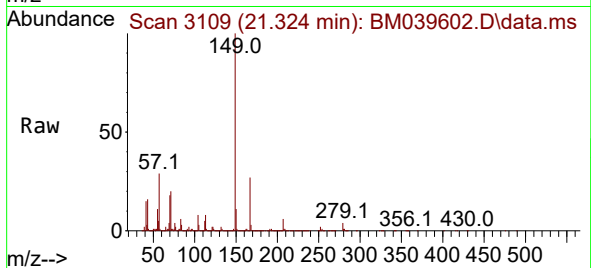




#86
Bis(2-ethylhexyl)phthalate
Concen: 26.190 ng/ul
RT: 21.324 min Scan# 3109
Delta R.T. -0.000 min
Lab File: BM039602.D
Acq: 23 Apr 2023 07:22

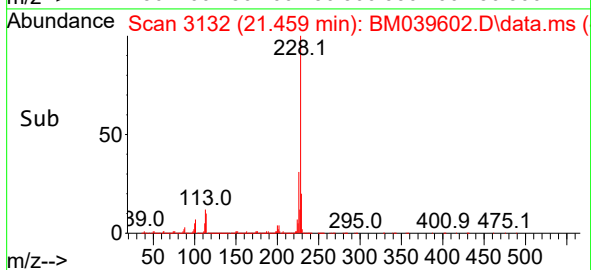
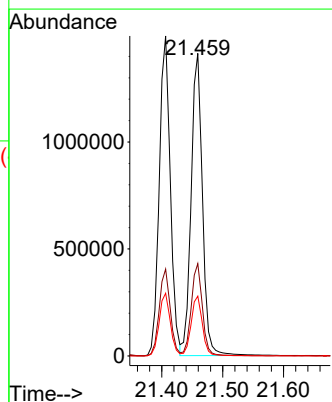
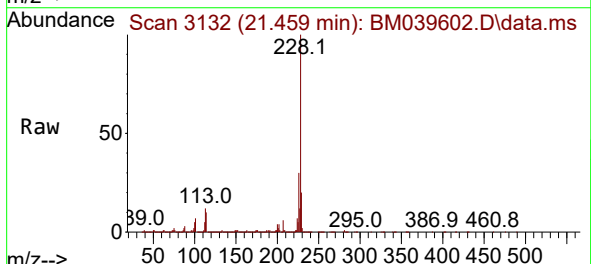
Instrument :
BNA_M
ClientSampleId :
SLCS288

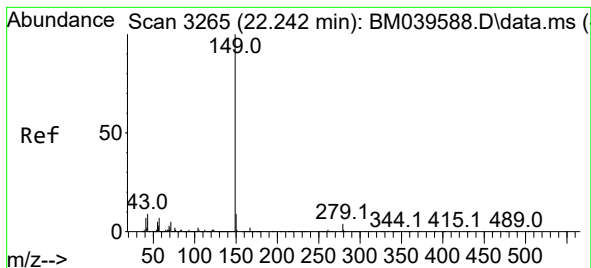
Tgt Ion:149 Resp: 1278828
Ion Ratio Lower Upper
149 100
167 26.8 21.8 32.6
279 3.7 3.1 4.7



#87
Chrysene
Concen: 30.713 ng/ul
RT: 21.459 min Scan# 3132
Delta R.T. -0.000 min
Lab File: BM039602.D
Acq: 23 Apr 2023 07:22

Tgt Ion:228 Resp: 1828061
Ion Ratio Lower Upper
228 100
226 30.5 23.9 35.9
229 19.8 15.8 23.6





#89

Di-n-octyl phthalate

Concen: 24.101 ng/ul

RT: 22.241 min Scan# 31

Delta R.T. -0.000 min

Lab File: BM039602.D

Acq: 23 Apr 2023 07:22

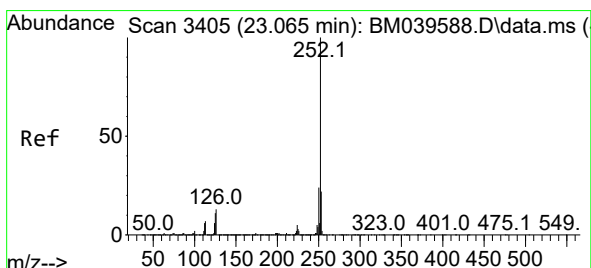
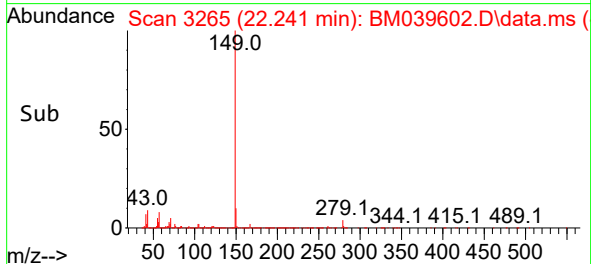
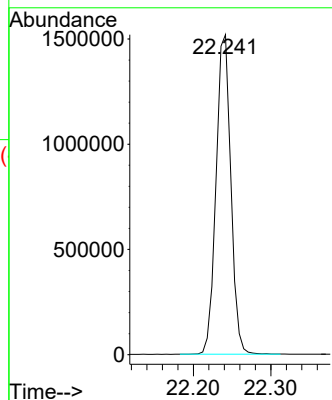
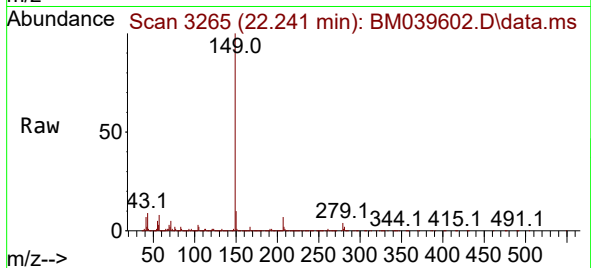
Instrument :

BNA_M

ClientSampleId :

SLCS288

Tgt Ion:149 Resp: 2011014



#90

Benzo(b)fluoranthene

Concen: 29.715 ng/ul

RT: 23.065 min Scan# 3405

Delta R.T. -0.000 min

Lab File: BM039602.D

Acq: 23 Apr 2023 07:22

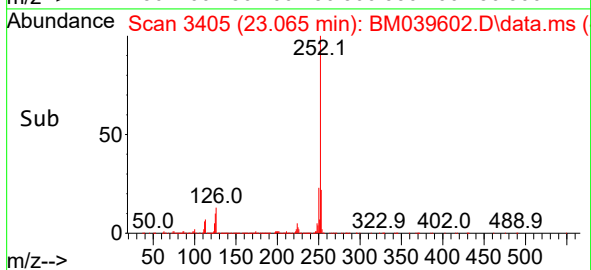
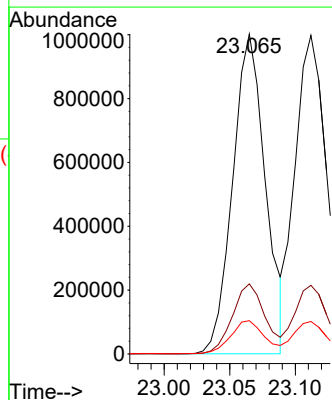
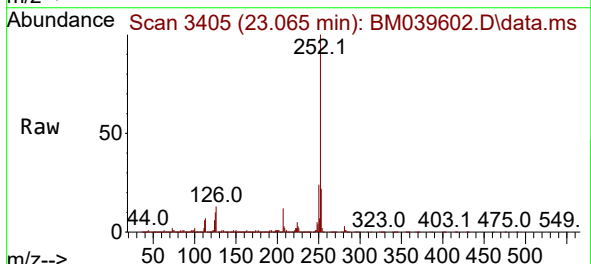
Tgt Ion:252 Resp: 1736386

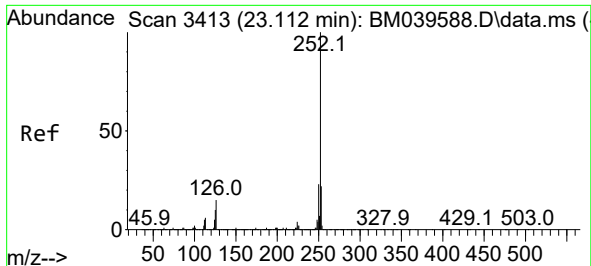
Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.2

125 10.4 8.7 13.1

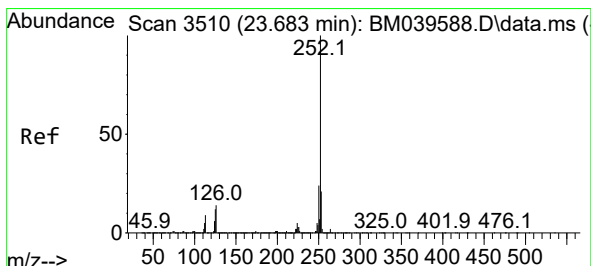
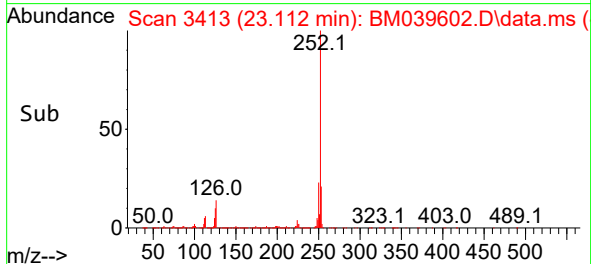
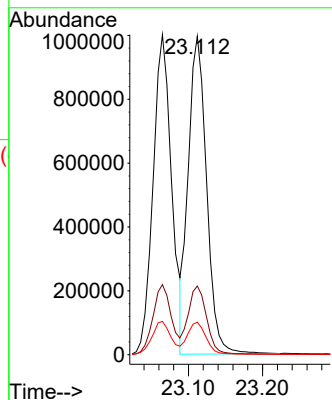
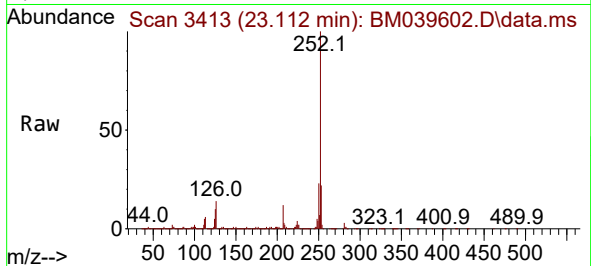




#91
Benzo(k)fluoranthene
Concen: 29.852 ng/ul
RT: 23.112 min Scan# 3413
Delta R.T. -0.000 min
Lab File: BM039602.D
Acq: 23 Apr 2023 07:22

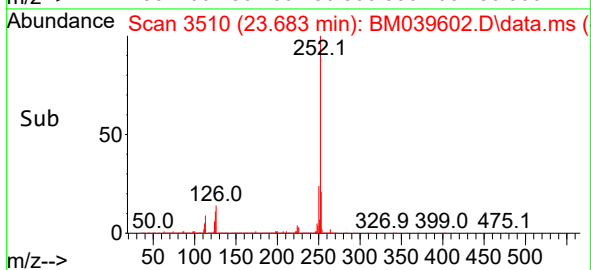
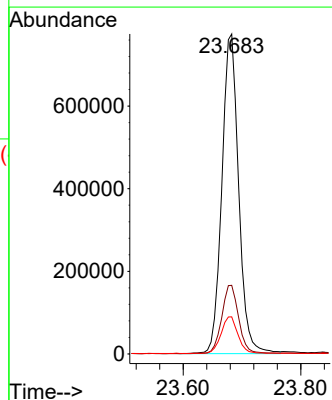
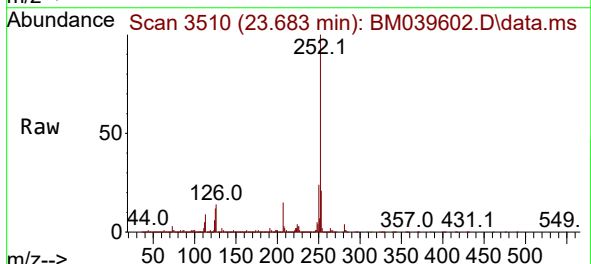
Instrument :
BNA_M
ClientSampleId :
SLCS288

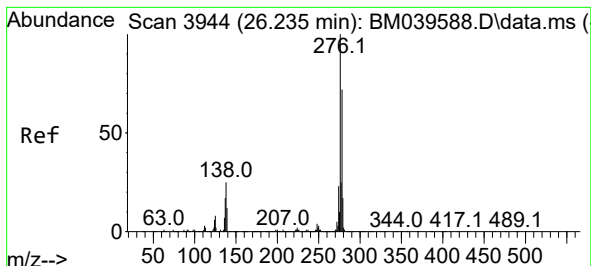
Tgt Ion:252 Resp: 1713156
Ion Ratio Lower Upper
252 100
253 21.5 17.6 26.4
125 10.2 8.6 12.8



#93
Benzo(a)pyrene
Concen: 31.117 ng/ul
RT: 23.683 min Scan# 3510
Delta R.T. -0.000 min
Lab File: BM039602.D
Acq: 23 Apr 2023 07:22

Tgt Ion:252 Resp: 1532660
Ion Ratio Lower Upper
252 100
253 21.5 17.4 26.0
125 11.6 9.4 14.2





#94

Indeno(1,2,3-cd)pyrene

Concen: 36.699 ng/ul

RT: 26.235 min Scan# 3944

Delta R.T. -0.000 min

Lab File: BM039602.D

Acq: 23 Apr 2023 07:22

Instrument :

BNA_M

ClientSampleId :

SLCS288

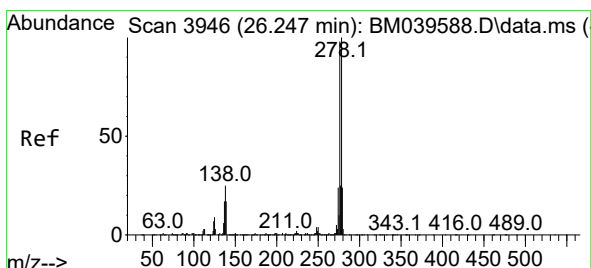
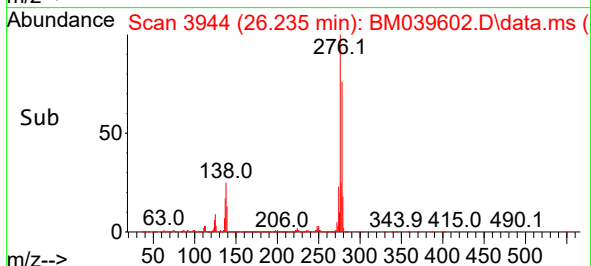
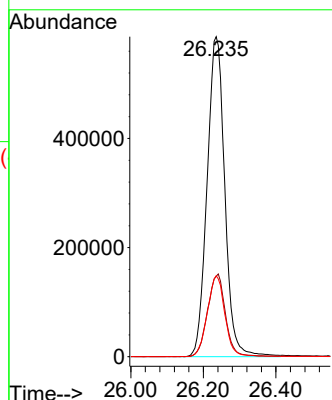
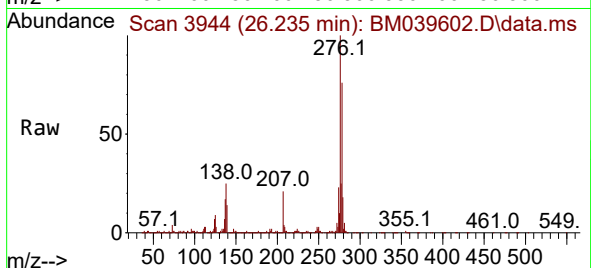
Tgt Ion:276 Resp: 1988284

Ion Ratio Lower Upper

276 100

138 25.1 21.2 31.8

277 25.3 20.1 30.1



#95

Dibenzo(a,h)anthracene

Concen: 36.568 ng/ul

RT: 26.247 min Scan# 3946

Delta R.T. -0.000 min

Lab File: BM039602.D

Acq: 23 Apr 2023 07:22

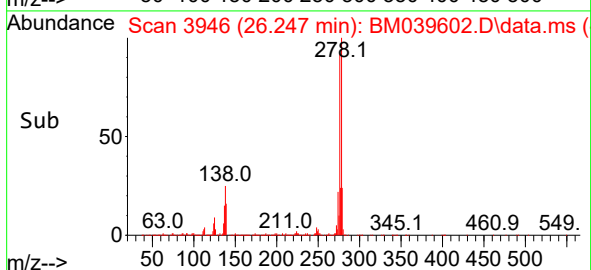
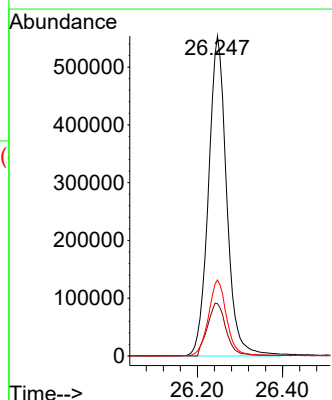
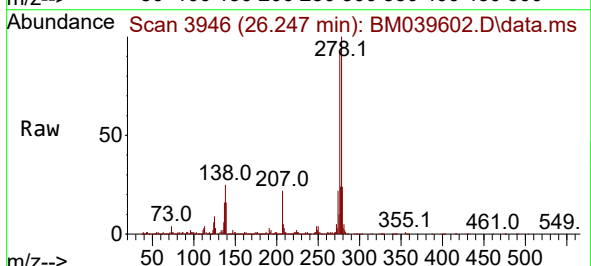
Tgt Ion:278 Resp: 1642644

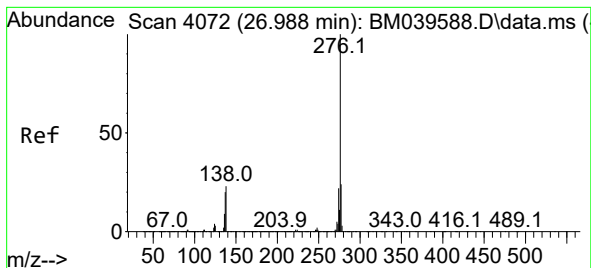
Ion Ratio Lower Upper

278 100

139 16.4 13.5 20.3

279 23.8 18.9 28.3





#96

Benzo(g,h,i)perylene

Concen: 37.666 ng/ul

RT: 26.988 min Scan# 4072

Delta R.T. -0.000 min

Lab File: BM039602.D

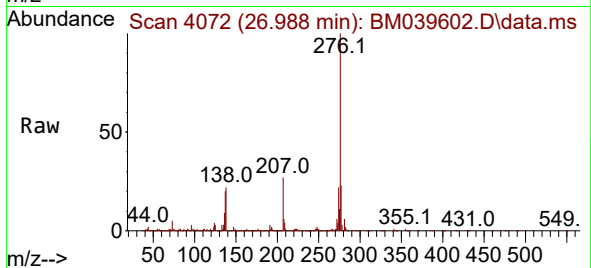
Acq: 23 Apr 2023 07:22

Instrument :

BNA_M

ClientSampleId :

SLCS288



Tgt Ion:276 Resp: 1625635

Ion Ratio Lower Upper

276 100

138 22.4 18.7 28.1

277 23.3 18.7 28.1

