

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020623\
 Data File : BM038699.D
 Acq On : 06 Feb 2023 19:08
 Operator : CG/JU
 Sample : SSTD16032
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD160038

Quant Time: Feb 07 00:54:16 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM020623.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Feb 07 00:48:02 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.910	152	92803	20.000	ng/u1	0.00
20) Naphthalene-d8	10.722	136	384476	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.551	164	281925	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.298	188	568887	20.000	ng/u1	0.00
79) Chrysene-d12	21.474	240	427045	20.000	ng/u1	0.00
88) Perylene-d12	23.856	264	337704	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.281	96	106630	40.969	ng/uL	0.00
4) Pyridine-d5	3.710	84	769664	118.092	ng/u1	0.00
7) Phenol-d5	7.104	99	1044535	168.618	ng/u1	0.02
9) Bis-(2-Chloroethyl)eth...	7.257	67	526856	145.710	ng/u1	0.02
11) 2-Chlorophenol-d4	7.451	132	1030422	200.581	ng/u1	0.01
15) 4-Methylphenol-d8	8.657	113	930197	188.198	ng/u1	0.02
21) Nitrobenzene-d5	9.098	128	515027	176.721	ng/u1	0.02
24) 2-Nitrophenol-d4	9.816	143	690022	179.286	ng/u1	0.01
28) 2,4-Dichlorophenol-d3	10.363	165	1343586	157.739	ng/u1	0.02
31) 4-Chloroaniline-d4	10.881	131	1537806	185.778	ng/u1	0.01
46) Dimethylphthalate-d6	13.986	166	3832635	164.572	ng/u1	0.02
49) Acenaphthylene-d8	14.257	160	4517918	182.301	ng/u1	0.01
54) 4-Nitrophenol-d4	14.816	143	649593	201.633	ng/u1	0.04
60) Fluorene-d10	15.551	176	3339765	160.361	ng/u1	0.01
65) 4,6-Dinitro-2-methylph...	15.704	200	638643	131.147	ng/u1	0.03
73) Anthracene-d10	17.409	188	4988738	174.215	ng/u1	0.02
81) Pyrene-d10	19.692	212	5538963	251.721	ng/u1	0.01
92) Benzo(a)pyrene-d12	23.715	264	3529901	203.642	ng/u1	0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.316	88	103741	36.993	ng/uL	97
5) Pyridine	3.728	79	743800	111.128	ng/u1	99
6) Benzaldehyde	7.057	77	322010	112.739	ng/u1	97
8) Phenol	7.134	94	1036843	167.175	ng/u1	94
10) Bis(2-Chloroethyl)ether	7.351	93	803276	181.272	ng/u1	98
12) 2-Chlorophenol	7.487	128	1012390	196.390	ng/u1	95
13) 2-Methylphenol	8.375	108	878043	186.330	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.451	45	670181	146.382	ng/u1	98
16) Acetophenone	8.763	105	1475111	168.931	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.781	70	623888	155.469	ng/u1#	94
18) 4-Methylphenol	8.734	108	963611	192.652	ng/u1	97
19) Hexachloroethane	8.986	117	436505	167.876	ng/u1	98
22) Nitrobenzene	9.145	77	1029202	117.335	ng/u1	98
23) Isophorone	9.692	82	1941978	146.311	ng/u1	99
25) 2-Nitrophenol	9.851	139	683108	179.064	ng/u1	96
26) 2,4-Dimethylphenol	9.916	107	1139726	137.546	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.151	93	1218089	179.983	ng/u1	99
29) 2,4-Dichlorophenol	10.392	162	1306493	161.383	ng/u1	99
30) Naphthalene	10.781	128	3413790	178.956	ng/u1	100
32) 4-Chloroaniline	10.910	127	1506141	181.329	ng/u1	100
33) Hexachlorobutadiene	11.045	225	757207	90.001	ng/u1	98
34) Caprolactam	11.769	113	177325	111.333	ng/u1	92
35) 4-Chloro-3-methylphenol	12.057	107	1010233	157.974	ng/u1	98
36) 2-Methylnaphthalene	12.386	142	2660263	187.493	ng/u1	99

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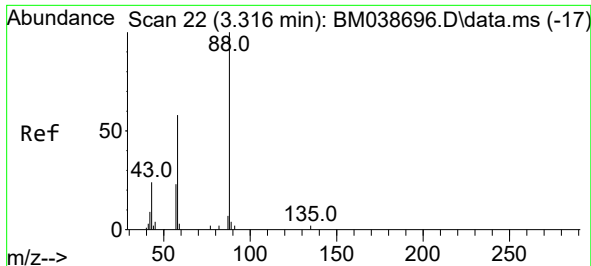
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.604	142	2759976	188.439	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.751	216	1421498	102.430	ng/ul	95
40) Hexachlorocyclopentadiene	12.716	237	810416	81.835	ng/ul	94
41) 2,4,6-Trichlorophenol	13.004	196	1012876	119.876	ng/ul	94
42) 2,4,5-Trichlorophenol	13.086	196	1092318	121.055	ng/ul	98
43) 1,1'-Biphenyl	13.398	154	3906915	180.226	ng/ul	99
44) 2-Chloronaphthalene	13.445	162	3058866	169.855	ng/ul	96
45) 2-Nitroaniline	13.669	65	588776	122.234	ng/ul	88
47) Dimethylphthalate	14.033	163	3842448	167.679	ng/ul	100
48) 2,6-Dinitrotoluene	14.169	165	799204	188.310	ng/ul	98
50) Acenaphthylene	14.286	152	4600657	185.640	ng/ul	100
51) 3-Nitroaniline	14.498	138	620582	203.144	ng/ul	96
52) Acenaphthene	14.627	153	3322947	180.138	ng/ul	98
53) 2,4-Dinitrophenol	14.704	184	523233	153.360	ng/ul#	88
55) 4-Nitrophenol	14.833	109	593599	109.825	ng/ul	91
56) Dibenzofuran	14.963	168	4517596	164.660	ng/ul	94
57) 2,4-Dinitrotoluene	14.957	165	1162954	185.910	ng/ul#	83
58) 2,3,4,6-Tetrachlorophenol	15.192	232	883470	111.827	ng/ul	96
59) Diethylphthalate	15.392	149	3910911	182.048	ng/ul	99
61) Fluorene	15.610	166	3938131	170.437	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.598	204	2073662	127.545	ng/ul	90
63) 4-Nitroaniline	15.610	138	53905	21.403	ng/ul#	22
66) 4,6-Dinitro-2-methylph...	15.721	198	612820	133.348	ng/ul	98
67) N-Nitrosodiphenylamine	15.821	169	3104606	193.565	ng/ul	98
68) 4-Bromophenyl-phenylether	16.492	248	1135582	141.669	ng/ul	93
69) Hexachlorobenzene	16.604	284	1410366	150.725	ng/ul	97
70) Atrazine	16.786	200	1062159	131.983	ng/ul	93
71) Pentachlorophenol	16.957	266	821226	137.201	ng/ul	98
72) Phenanthrene	17.351	178	5800189	195.096	ng/ul	99
74) Anthracene	17.445	178	5928384	190.427	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.357	216	1373358	125.600	ng/uL	100
76) Pentachlorobenzene	14.874	250	1503921	132.181	ng/uL	98
77) Carbazole	17.715	167	5017290	185.669	ng/ul	98
78) Di-n-butylphthalate	18.262	149	6855557	262.219	ng/ul	98
80) Fluoranthene	19.356	202	6732220	263.953	ng/ul#	95
82) Pyrene	19.727	202	7106865	262.564	ng/ul#	91
83) Butylbenzylphthalate	20.609	149	2960595	379.210	ng/ul#	95
84) 3,3'-Dichlorobenzidine	21.397	252	1783163	169.971	ng/ul#	98
85) Benzo(a)anthracene	21.462	228	5918446	195.644	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.374	149	4445940	400.207	ng/ul#	94
87) Chrysene	21.521	228	5540784	197.882	ng/ul	99
89) Di-n-octyl phthalate	22.292	149	6569422	459.332	ng/ul	100
90) Benzo(b)fluoranthene	23.144	252	4629310	221.726	ng/ul#	97
91) Benzo(k)fluoranthene	23.191	252	4709094	226.279	ng/ul#	97
93) Benzo(a)pyrene	23.774	252	3878571	200.601	ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	26.379	276	5009734	163.920	ng/ul	96
95) Dibenzo(a,h)anthracene	26.385	278	4441868	171.246	ng/ul#	94
96) Benzo(g,h,i)perylene	27.138	276	3747384	151.067	ng/ul	97

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

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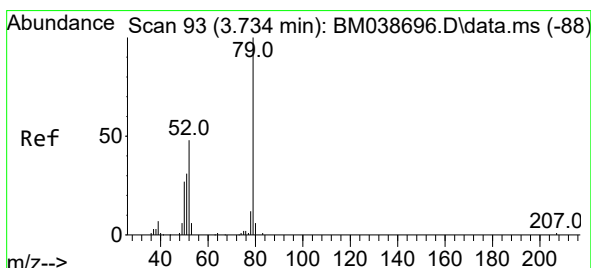
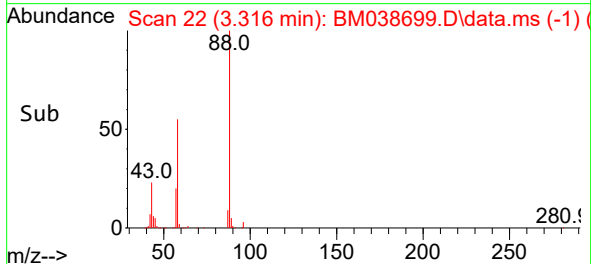
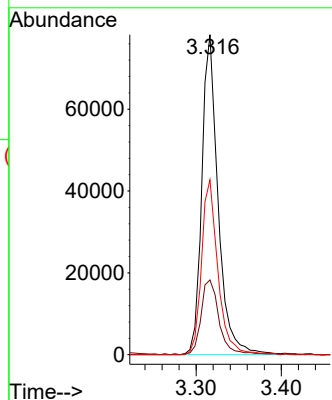
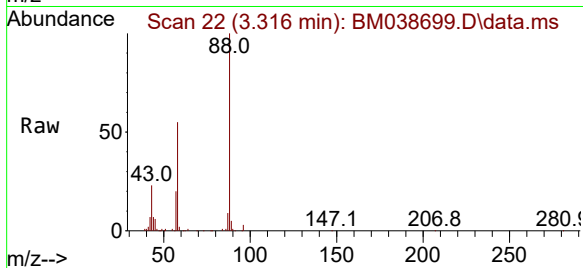




#2
1,4-Dioxane
Concen: 36.993 ng/uL
RT: 3.316 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM038699.D
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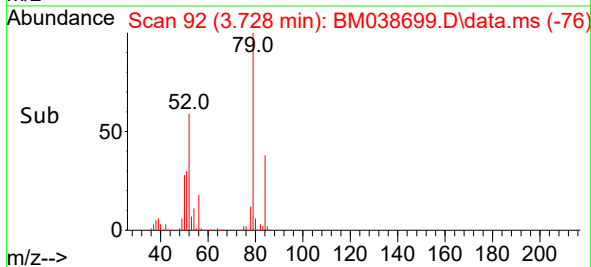
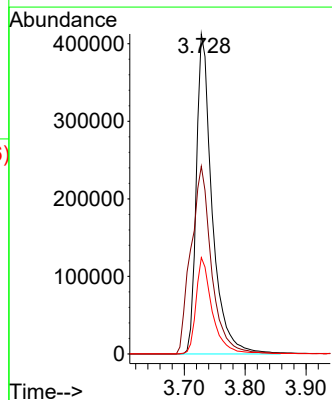
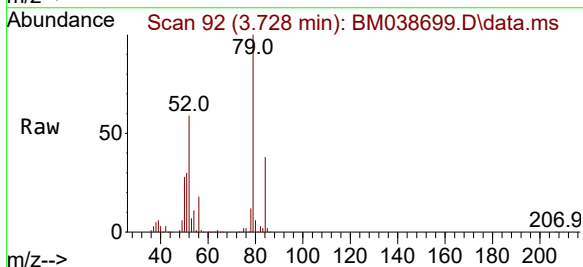
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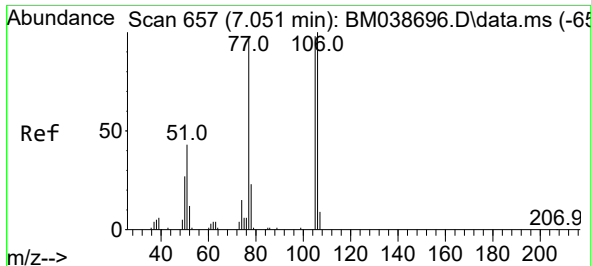
Tgt Ion: 88 Resp: 103741
Ion Ratio Lower Upper
88 100
43 23.3 20.6 30.8
58 54.7 45.4 68.2



#5
Pyridine
Concen: 111.128 ng/uL
RT: 3.728 min Scan# 92
Delta R.T. -0.006 min
Lab File: BM038699.D
Acq: 06 Feb 2023 19:08

Tgt Ion: 79 Resp: 743800
Ion Ratio Lower Upper
79 100
52 58.6 46.8 70.2
51 30.1 25.5 38.3

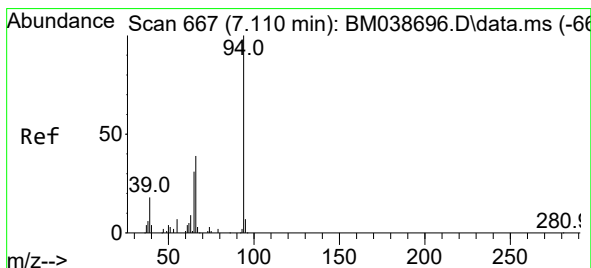
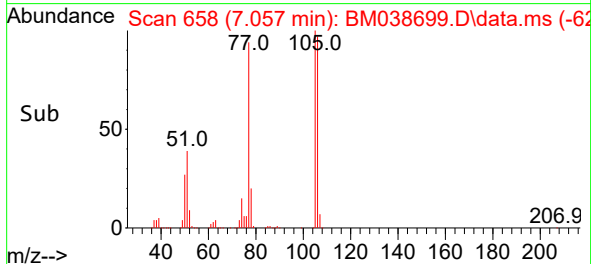
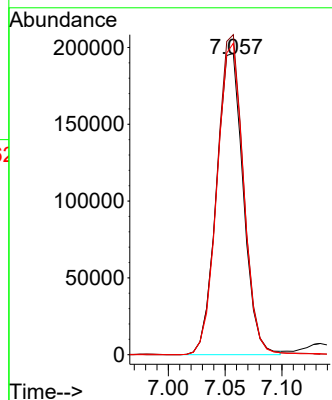
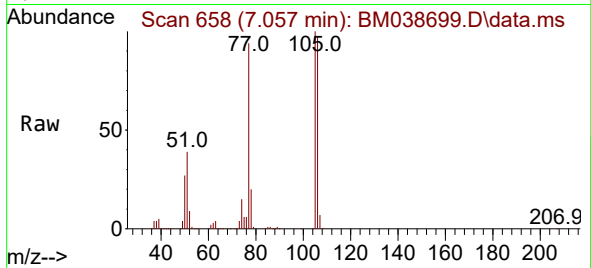




#6
Benzaldehyde
Concen: 112.739 ng/ul
RT: 7.057 min Scan# 610
Delta R.T. 0.006 min
Lab File: BM038699.D
Acq: 06 Feb 2023 19:08

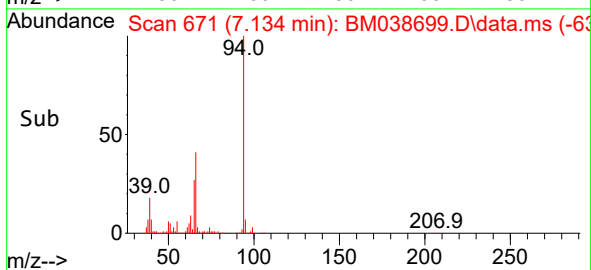
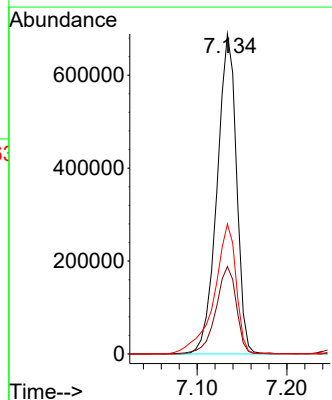
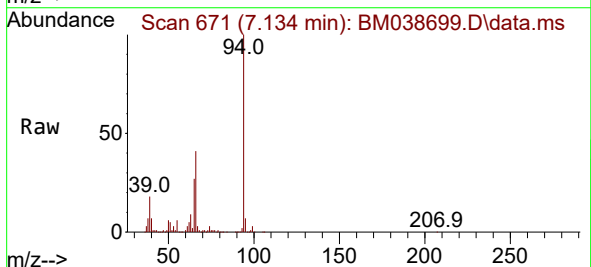
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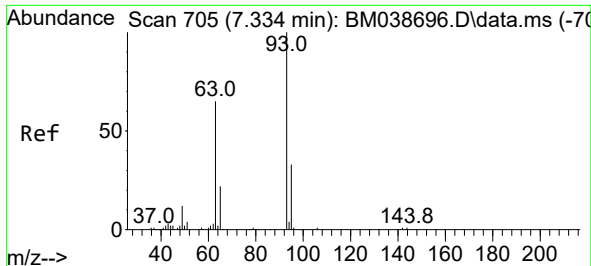
Tgt Ion: 77 Resp: 322010
Ion Ratio Lower Upper
77 100
105 106.2 80.6 121.0
106 103.4 82.3 123.5



#8
Phenol
Concen: 167.175 ng/ul
RT: 7.134 min Scan# 671
Delta R.T. 0.023 min
Lab File: BM038699.D
Acq: 06 Feb 2023 19:08

Tgt Ion: 94 Resp: 1036843
Ion Ratio Lower Upper
94 100
65 27.3 25.7 38.5
66 40.6 34.3 51.5

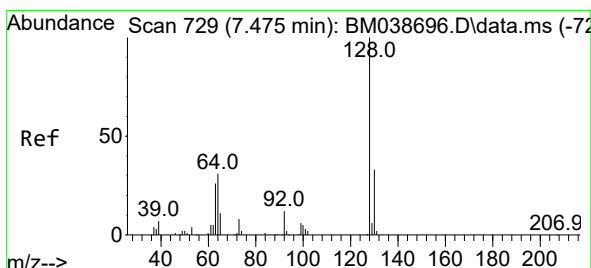
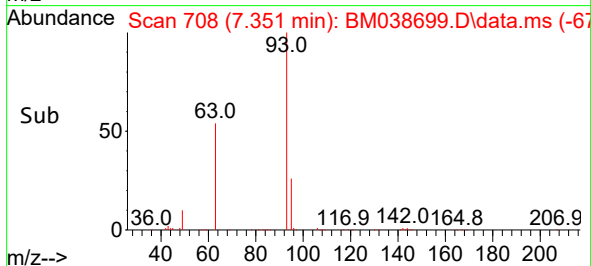
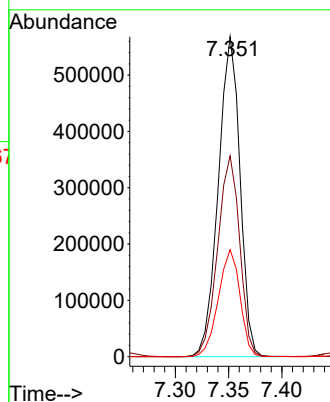
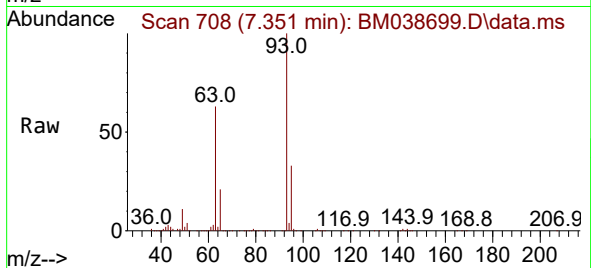




#10
Bis(2-Chloroethyl)ether
Concen: 181.272 ng/ul
RT: 7.351 min Scan# 705
Delta R.T. 0.018 min
Lab File: BM038699.D
Acq: 06 Feb 2023 19:08

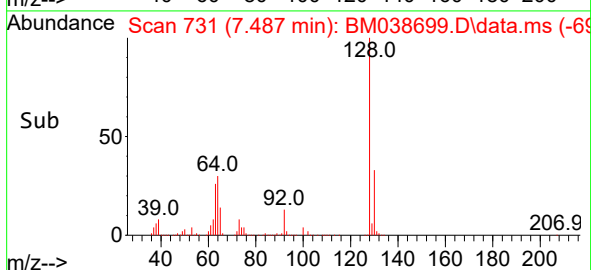
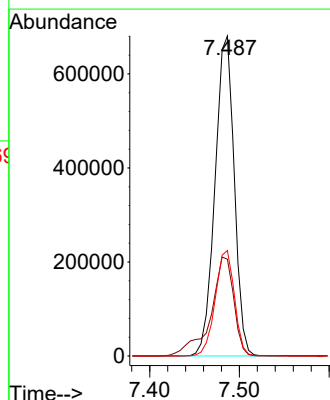
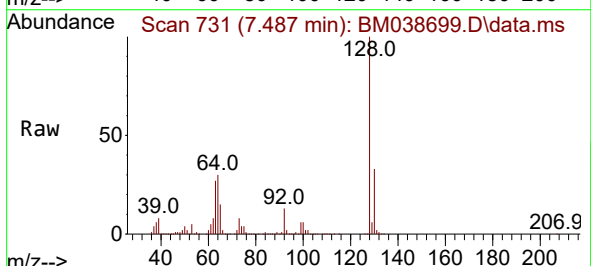
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ClientSampleId :
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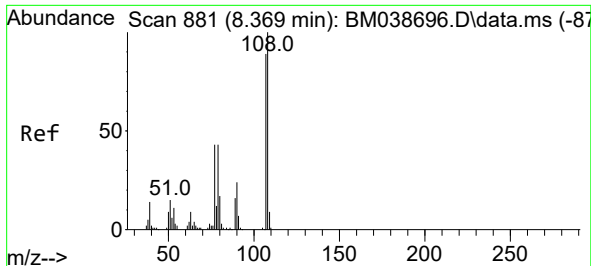
Tgt Ion: 93 Resp: 803276
Ion Ratio Lower Upper
93 100
63 62.8 51.7 77.5
95 33.5 26.5 39.7



#12
2-Chlorophenol
Concen: 196.390 ng/ul
RT: 7.487 min Scan# 731
Delta R.T. 0.012 min
Lab File: BM038699.D
Acq: 06 Feb 2023 19:08

Tgt Ion:128 Resp: 1012390
Ion Ratio Lower Upper
128 100
64 30.3 28.8 43.2
130 32.9 26.3 39.5

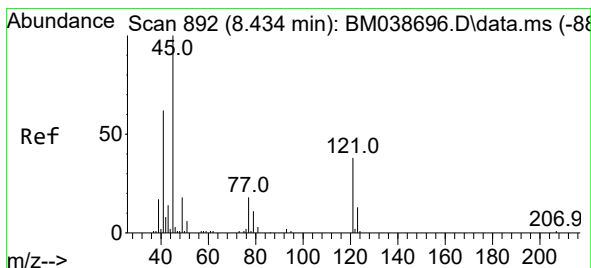
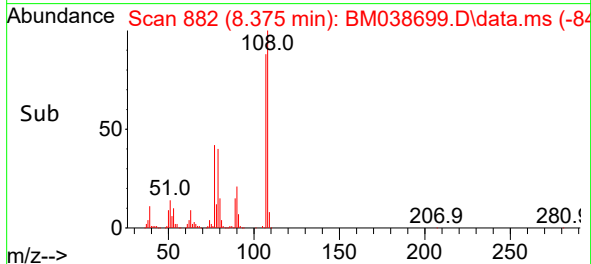
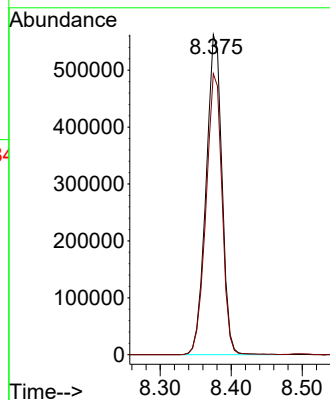
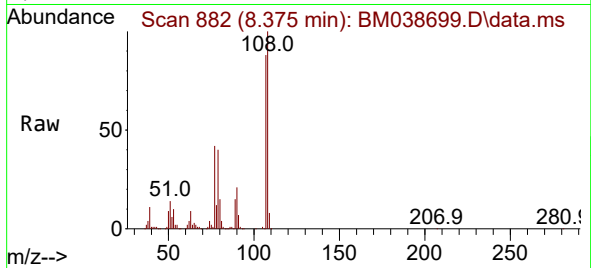




#13
2-Methylphenol
Concen: 186.330 ng/ul
RT: 8.375 min Scan# 881
Delta R.T. 0.006 min
Lab File: BM038699.D
Acq: 06 Feb 2023 19:08

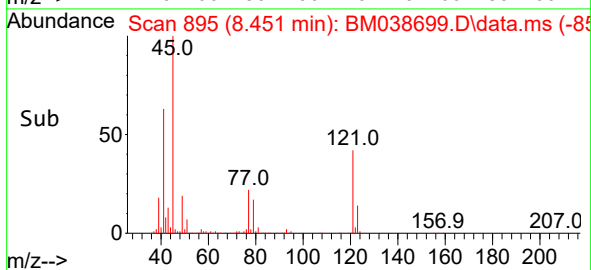
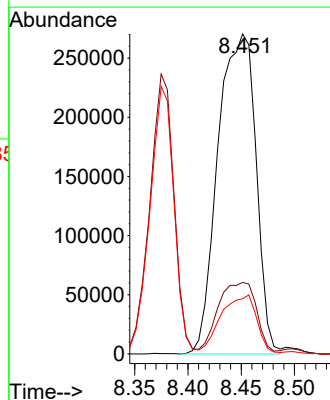
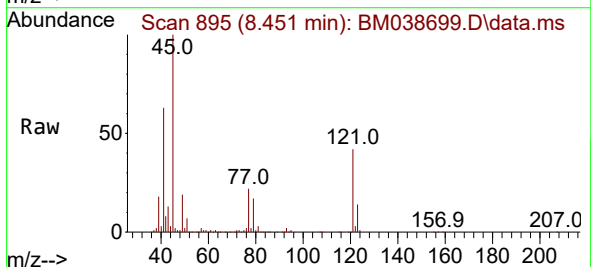
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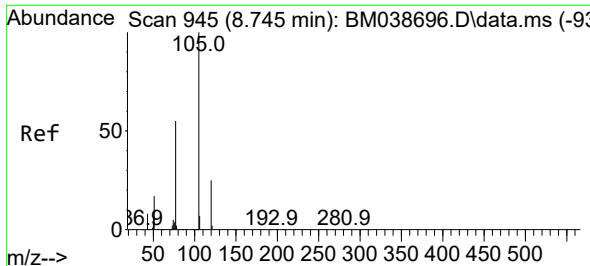
Tgt Ion:108 Resp: 878043
Ion Ratio Lower Upper
108 100
107 87.8 71.6 107.4



#14
2,2'-oxybis(1-Chloropropane)
Concen: 146.382 ng/ul
RT: 8.451 min Scan# 895
Delta R.T. 0.018 min
Lab File: BM038699.D
Acq: 06 Feb 2023 19:08

Tgt Ion: 45 Resp: 670181
Ion Ratio Lower Upper
45 100
77 22.3 18.2 27.2
79 17.2 12.6 19.0

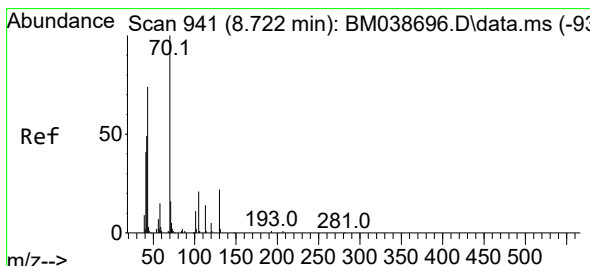
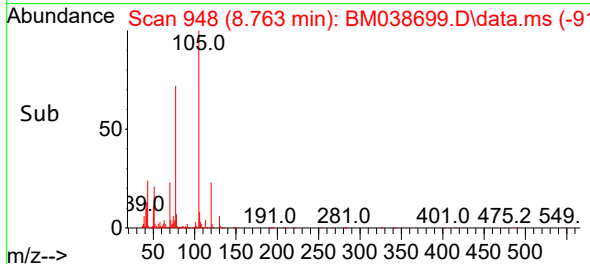
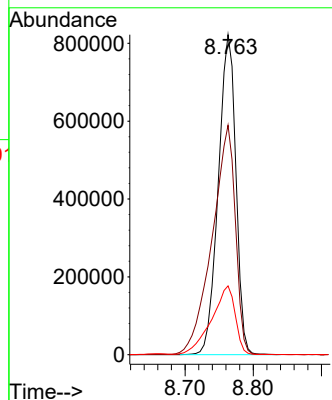
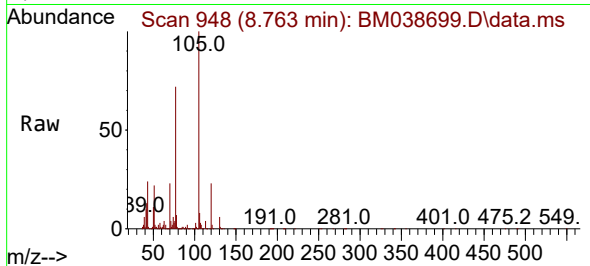




#16
 Acetophenone
 Concen: 168.931 ng/ul
 RT: 8.763 min Scan# 94
 Delta R.T. 0.018 min
 Lab File: BM038699.D
 Acq: 06 Feb 2023 19:08

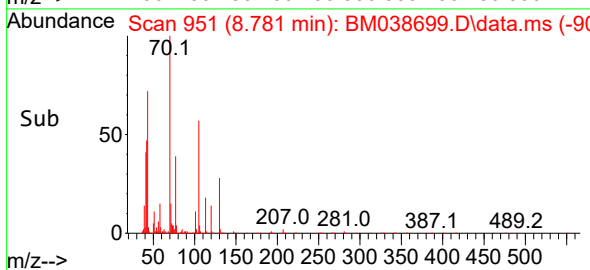
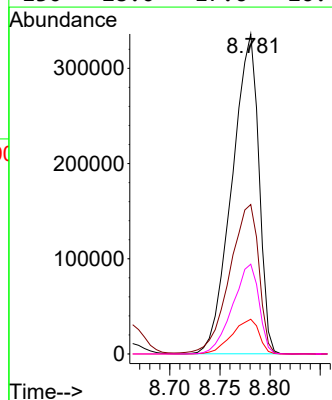
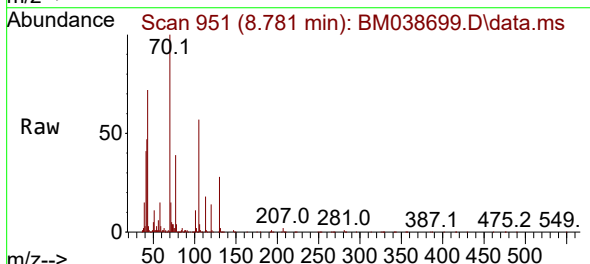
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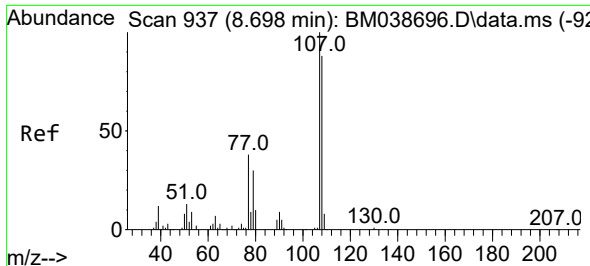
Tgt Ion:105 Resp: 1475111
 Ion Ratio Lower Upper
 105 100
 77 71.7 59.8 89.6
 51 21.5 18.2 27.2



#17
 N-Nitroso-di-n-propylamine
 Concen: 155.469 ng/ul
 RT: 8.781 min Scan# 951
 Delta R.T. 0.059 min
 Lab File: BM038699.D
 Acq: 06 Feb 2023 19:08

Tgt Ion: 70 Resp: 623888
 Ion Ratio Lower Upper
 70 100
 42 46.7 40.1 60.1
 101 10.9 8.4 12.6
 130 28.0 17.6 26.4#

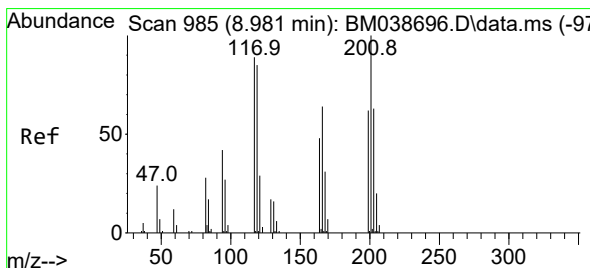
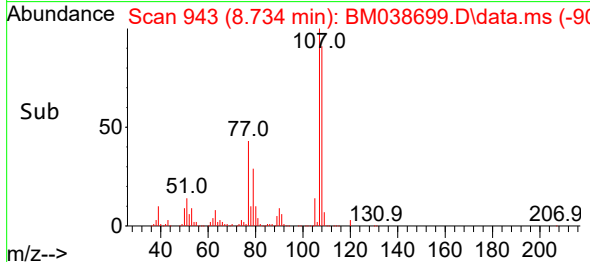
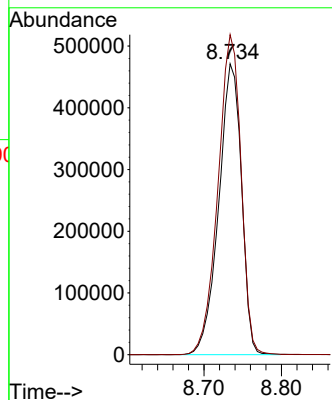
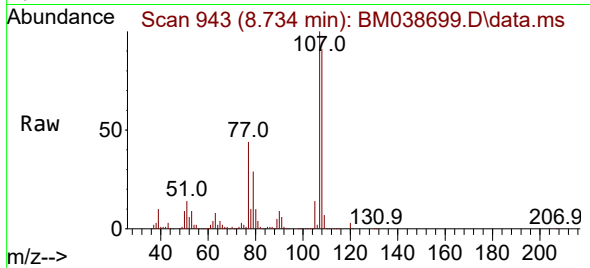




#18
4-Methylphenol
Concen: 192.652 ng/ul
RT: 8.734 min Scan# 943
Delta R.T. 0.035 min
Lab File: BM038699.D
Acq: 06 Feb 2023 19:08

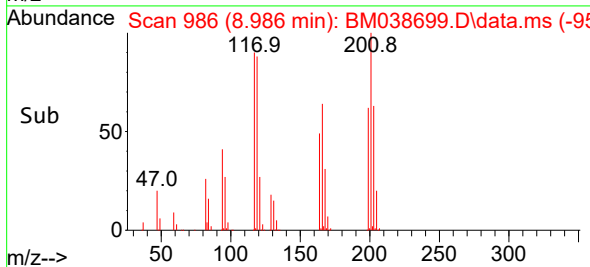
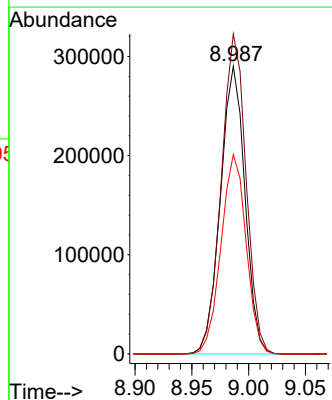
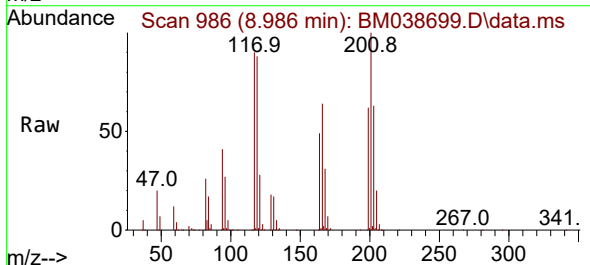
Instrument :
BNA_M
ClientSampleId :
SSTD160038

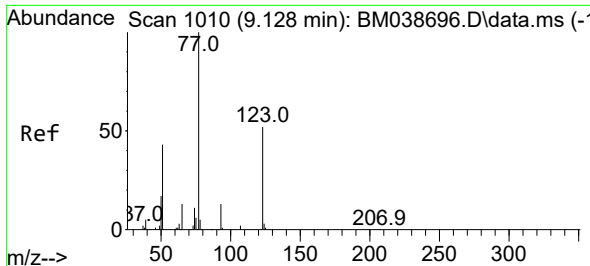
Tgt Ion:108 Resp: 963611
Ion Ratio Lower Upper
108 100
107 110.0 90.9 136.3



#19
Hexachloroethane
Concen: 167.876 ng/ul
RT: 8.986 min Scan# 986
Delta R.T. 0.006 min
Lab File: BM038699.D
Acq: 06 Feb 2023 19:08

Tgt Ion:117 Resp: 436505
Ion Ratio Lower Upper
117 100
201 111.3 91.8 137.8
199 69.3 55.8 83.8

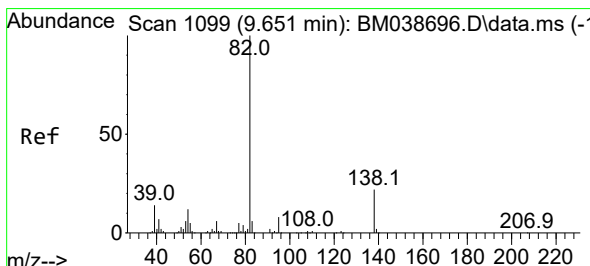
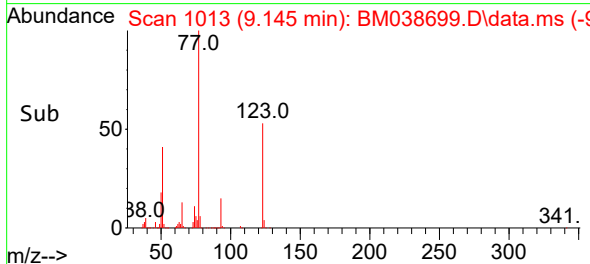
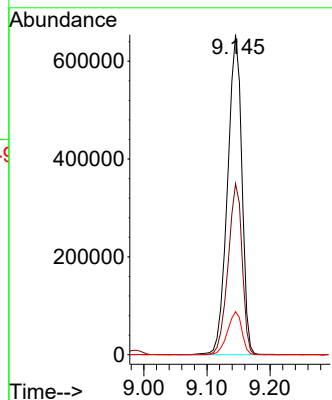
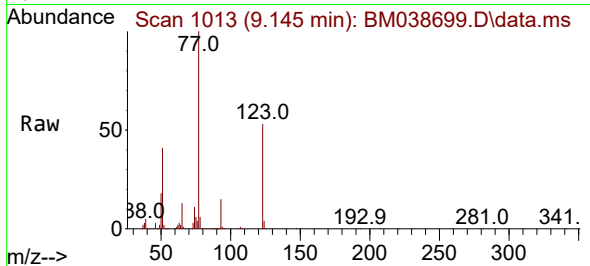




#22
Nitrobenzene
Concen: 117.335 ng/ul
RT: 9.145 min Scan# 1106
Delta R.T. 0.018 min
Lab File: BM038699.D
Acq: 06 Feb 2023 19:08

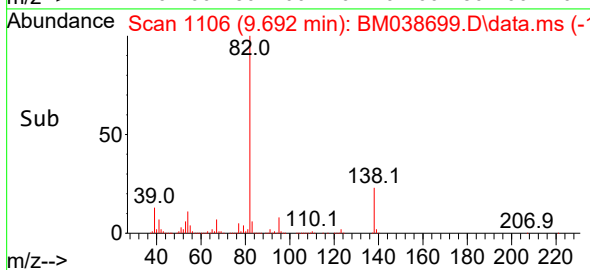
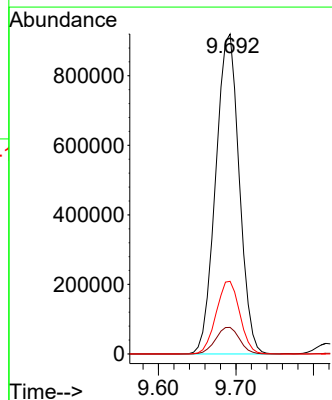
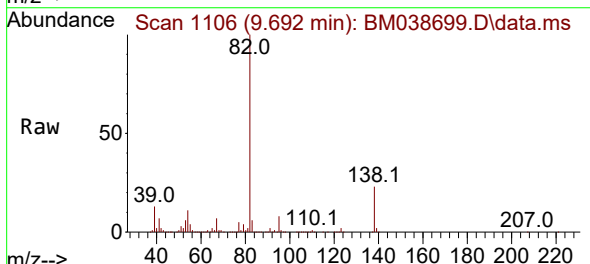
Instrument :
BNA_M
ClientSampleId :
SSTD160038

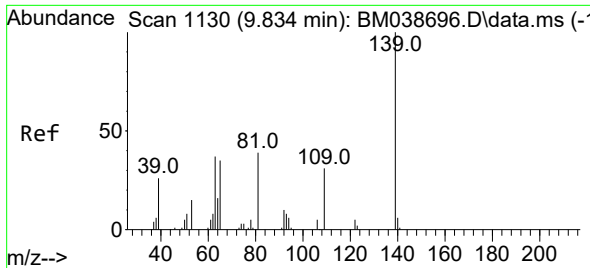
Tgt Ion: 77 Resp: 1029202
Ion Ratio Lower Upper
77 100
123 53.5 41.7 62.5
65 13.4 10.4 15.6



#23
Isophorone
Concen: 146.311 ng/ul
RT: 9.692 min Scan# 1106
Delta R.T. 0.041 min
Lab File: BM038699.D
Acq: 06 Feb 2023 19:08

Tgt Ion: 82 Resp: 1941978
Ion Ratio Lower Upper
82 100
95 8.3 6.7 10.1
138 22.7 17.6 26.4

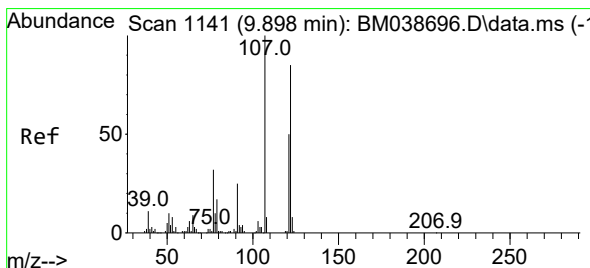
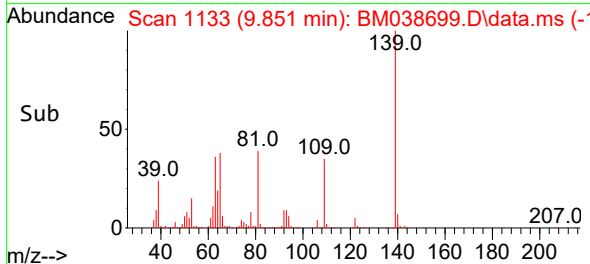
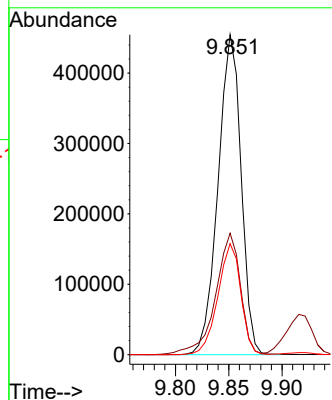
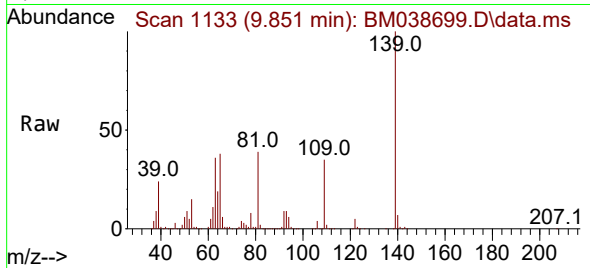




#25
2-Nitrophenol
Concen: 179.064 ng/ul
RT: 9.851 min Scan# 1133
Delta R.T. 0.018 min
Lab File: BM038699.D
Acq: 06 Feb 2023 19:08

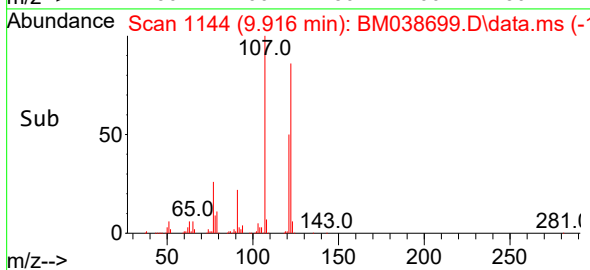
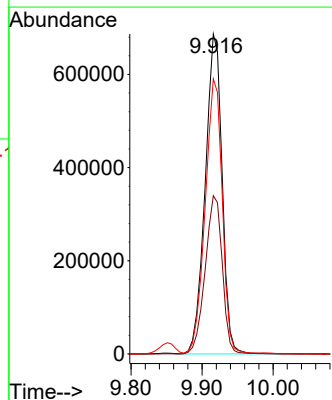
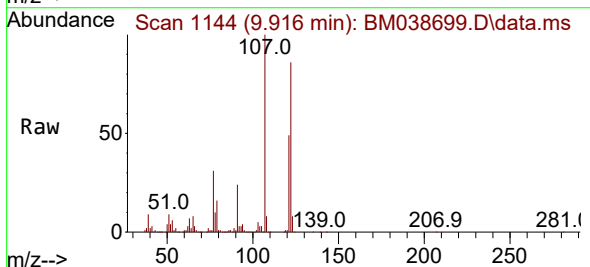
Instrument :
BNA_M
ClientSampleId :
SSTD160038

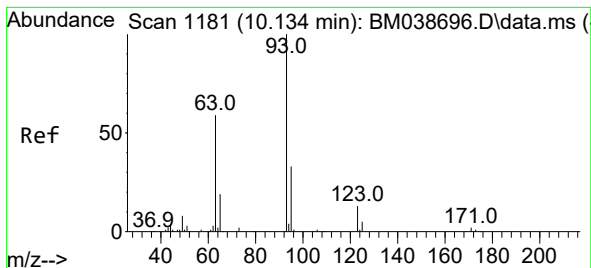
Tgt Ion:139 Resp: 683108
Ion Ratio Lower Upper
139 100
65 37.9 31.0 46.4
109 34.7 24.8 37.2



#26
2,4-Dimethylphenol
Concen: 137.546 ng/ul
RT: 9.916 min Scan# 1144
Delta R.T. 0.018 min
Lab File: BM038699.D
Acq: 06 Feb 2023 19:08

Tgt Ion:107 Resp: 1139726
Ion Ratio Lower Upper
107 100
121 49.5 39.9 59.9
122 86.0 68.2 102.2





#27

Bis(2-Chloroethoxy)methane

Concen: 179.983 ng/ul

RT: 10.151 min Scan# 1184

Delta R.T. 0.018 min

Lab File: BM038699.D

Acq: 06 Feb 2023 19:08

Instrument :

BNA_M

ClientSampleId :

SSTD160038

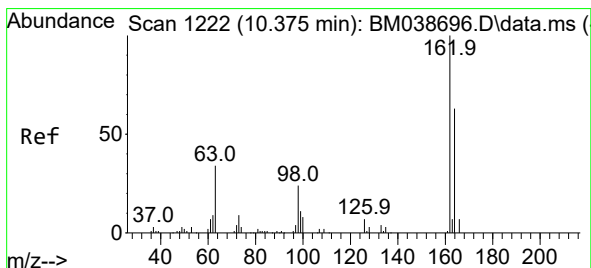
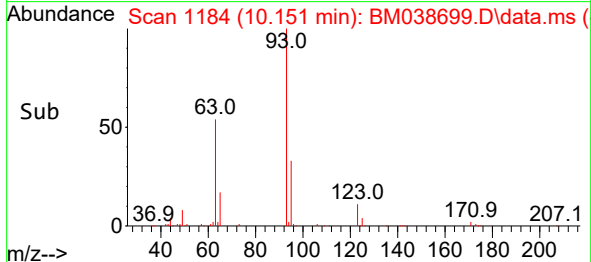
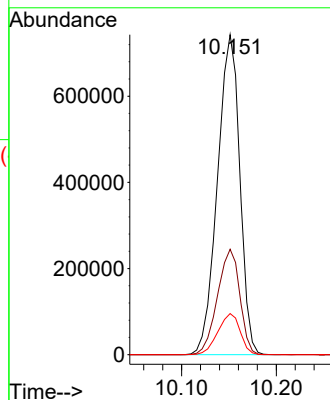
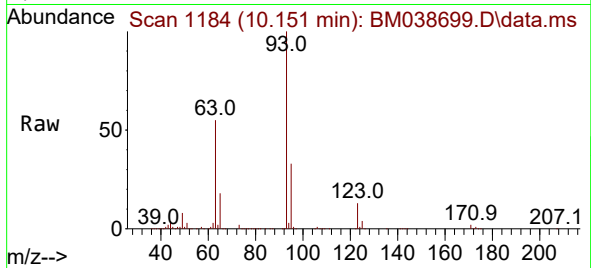
Tgt Ion: 93 Resp: 1218089

Ion Ratio Lower Upper

93 100

95 33.0 26.7 40.1

123 12.9 10.2 15.2



#29

2,4-Dichlorophenol

Concen: 161.383 ng/ul

RT: 10.392 min Scan# 1225

Delta R.T. 0.018 min

Lab File: BM038699.D

Acq: 06 Feb 2023 19:08

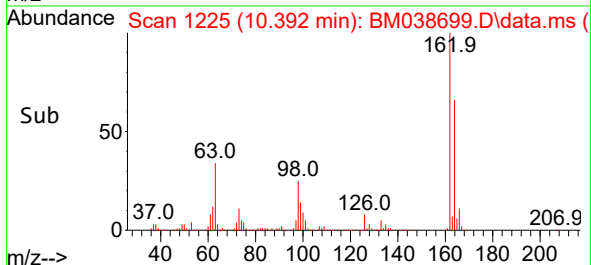
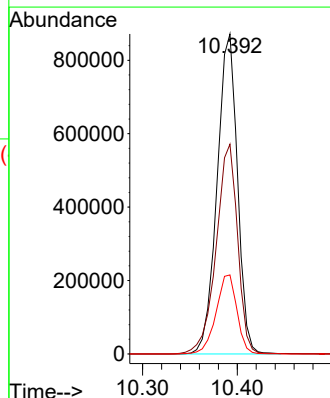
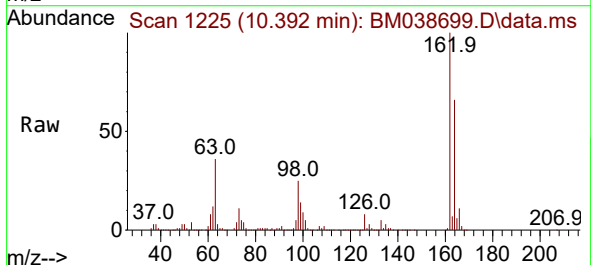
Tgt Ion:162 Resp: 1306493

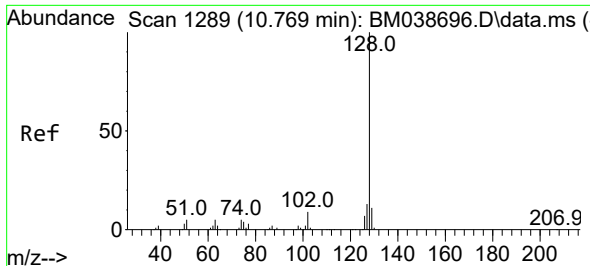
Ion Ratio Lower Upper

162 100

164 65.5 51.4 77.2

98 24.7 19.4 29.0

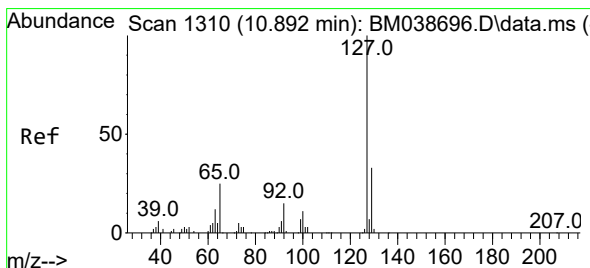
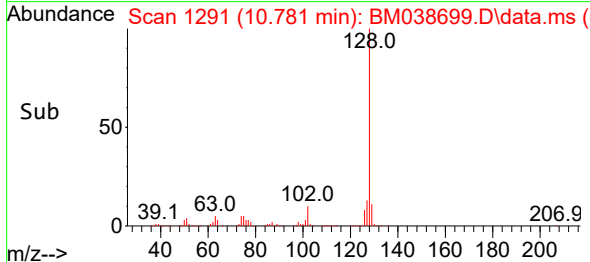
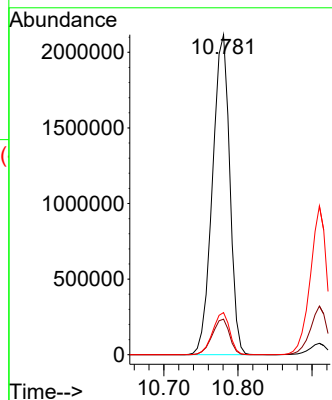
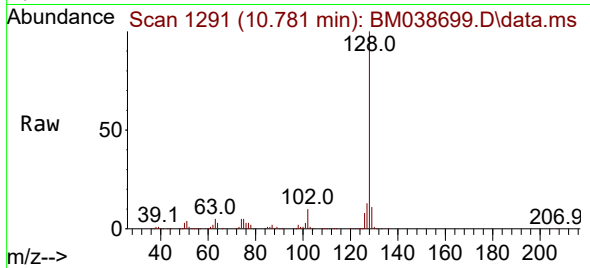




#30
Naphthalene
Concen: 178.956 ng/ul
RT: 10.781 min Scan# 1289
Delta R.T. 0.012 min
Lab File: BM038699.D
Acq: 06 Feb 2023 19:08

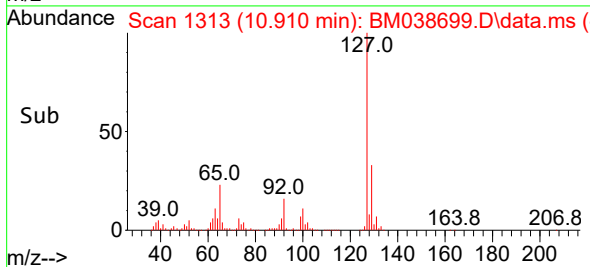
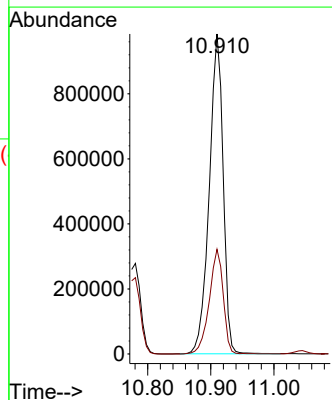
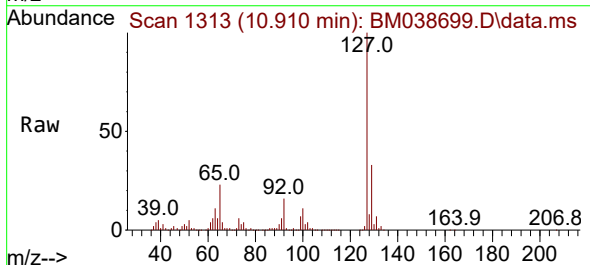
Instrument :
BNA_M
ClientSampleId :
SSTD160038

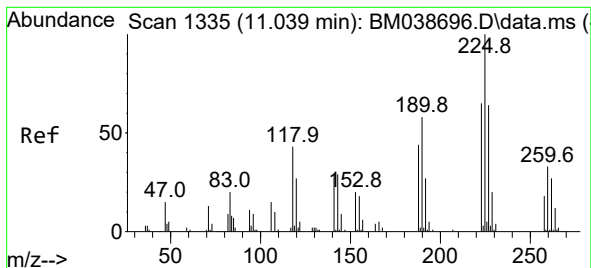
Tgt Ion:128 Resp: 3413790
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 13.2 10.6 15.8



#32
4-Chloroaniline
Concen: 181.329 ng/ul
RT: 10.910 min Scan# 1313
Delta R.T. 0.018 min
Lab File: BM038699.D
Acq: 06 Feb 2023 19:08

Tgt Ion:127 Resp: 1506141
Ion Ratio Lower Upper
127 100
129 32.7 26.3 39.5





#33

Hexachlorobutadiene

Concen: 90.001 ng/ul

RT: 11.045 min Scan# 11

Delta R.T. 0.006 min

Lab File: BM038699.D

Acq: 06 Feb 2023 19:08

Instrument :

BNA_M

ClientSampleId :

SSTD160038

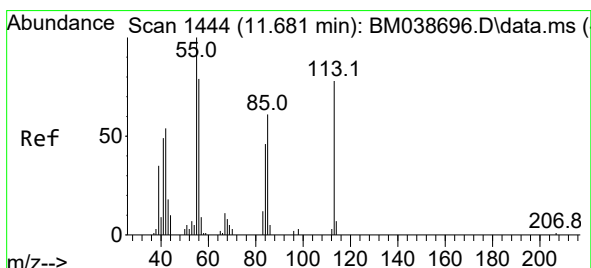
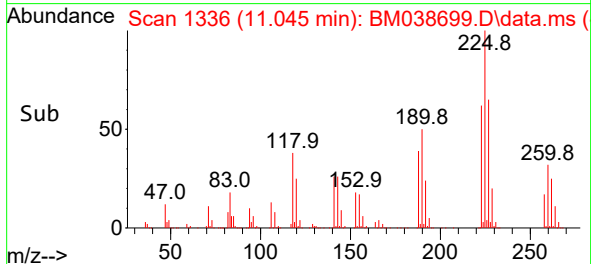
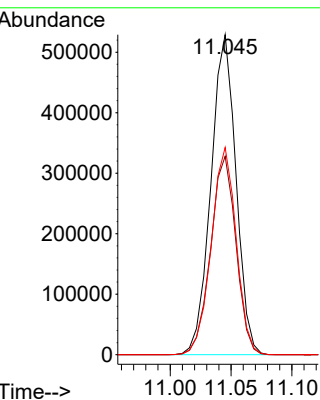
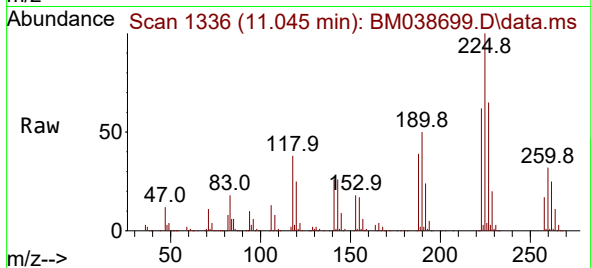
Tgt Ion:225 Resp: 757207

Ion Ratio Lower Upper

225 100

223 62.0 51.9 77.9

227 64.8 51.4 77.2



#34

Caprolactam

Concen: 111.333 ng/ul

RT: 11.769 min Scan# 1459

Delta R.T. 0.088 min

Lab File: BM038699.D

Acq: 06 Feb 2023 19:08

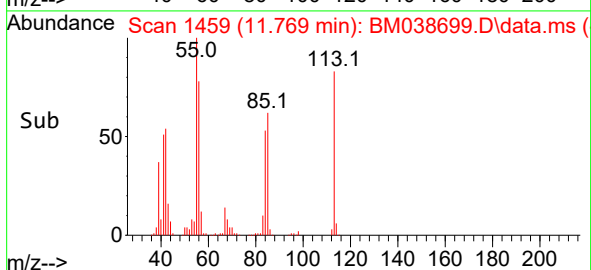
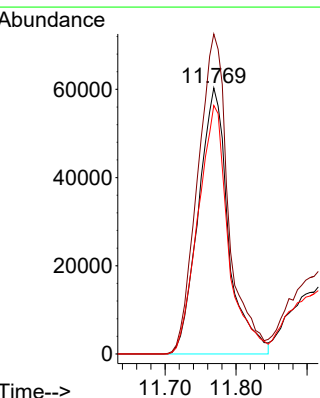
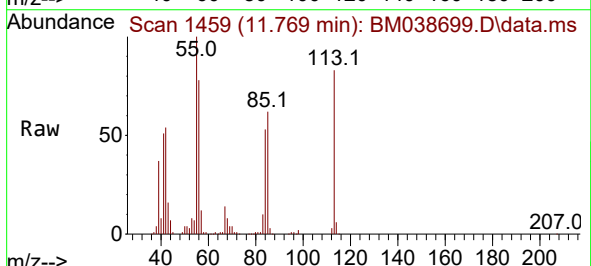
Tgt Ion:113 Resp: 177325

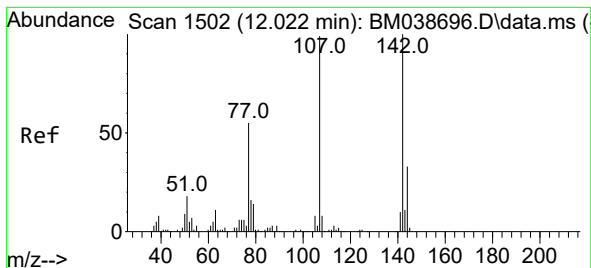
Ion Ratio Lower Upper

113 100

55 120.2 102.9 154.3

56 93.4 81.8 122.6

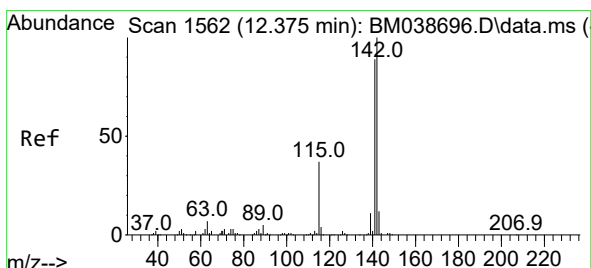
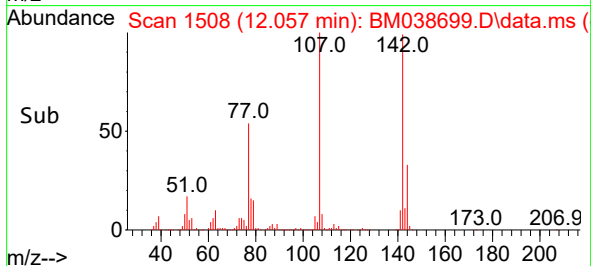
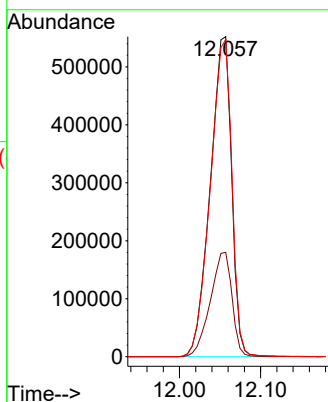
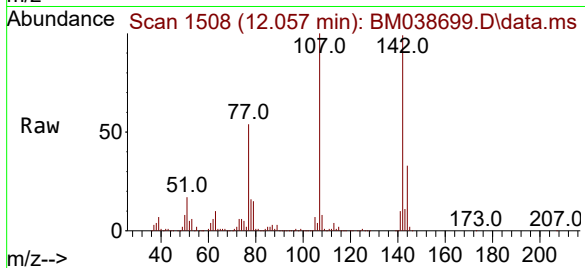




#35
4-Chloro-3-methylphenol
Concen: 157.974 ng/ul
RT: 12.057 min Scan# 1502
Delta R.T. 0.035 min
Lab File: BM038699.D
Acq: 06 Feb 2023 19:08

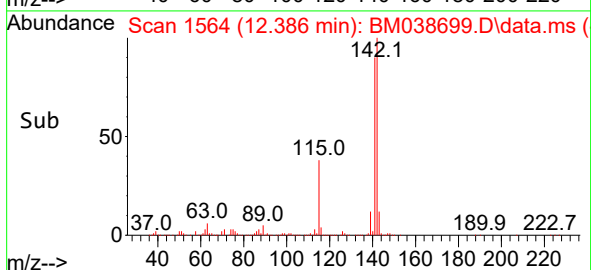
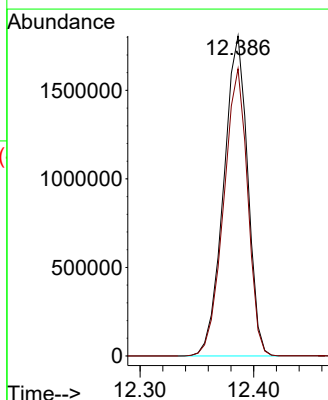
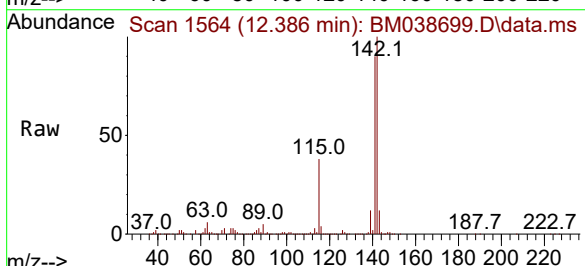
Instrument :
BNA_M
ClientSampleId :
SSTD160038

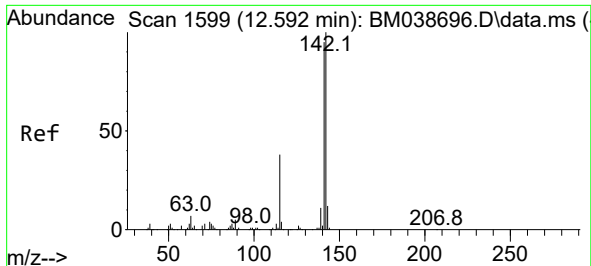
Tgt Ion:107 Resp: 1010233
Ion Ratio Lower Upper
107 100
144 32.6 27.1 40.7
142 99.2 81.0 121.6



#36
2-Methylnaphthalene
Concen: 187.493 ng/ul
RT: 12.386 min Scan# 1564
Delta R.T. 0.012 min
Lab File: BM038699.D
Acq: 06 Feb 2023 19:08

Tgt Ion:142 Resp: 2660263
Ion Ratio Lower Upper
142 100
141 89.8 71.3 106.9





#37

1-Methylnaphthalene

Concen: 188.439 ng/ul

RT: 12.604 min Scan# 1

Delta R.T. 0.012 min

Lab File: BM038699.D

Acq: 06 Feb 2023 19:08

Instrument :

BNA_M

ClientSampleId :

SSTD160038

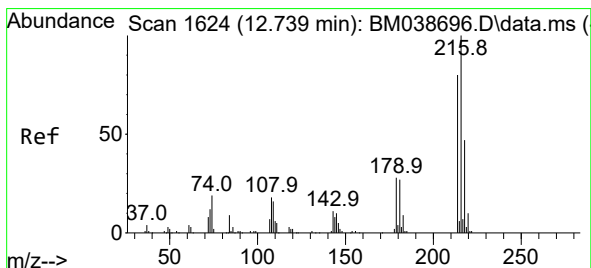
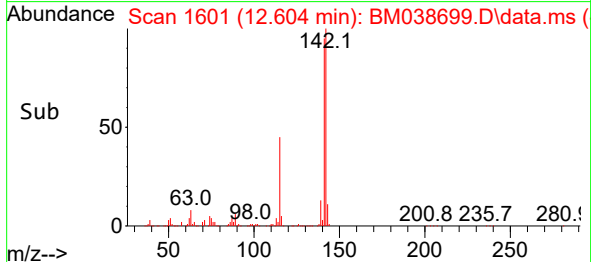
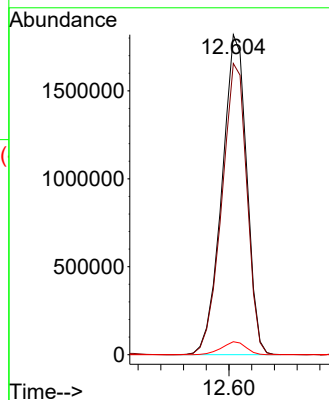
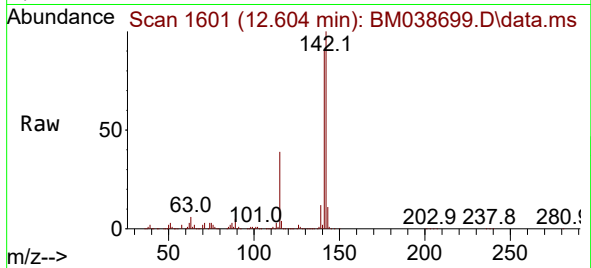
Tgt Ion:142 Resp: 2759976

Ion Ratio Lower Upper

142 100

141 91.0 76.2 114.4

116 4.1 3.3 4.9



#39

1,2,4,5-Tetrachlorobenzene

Concen: 102.430 ng/ul

RT: 12.751 min Scan# 1626

Delta R.T. 0.012 min

Lab File: BM038699.D

Acq: 06 Feb 2023 19:08

Tgt Ion:216 Resp: 1421498

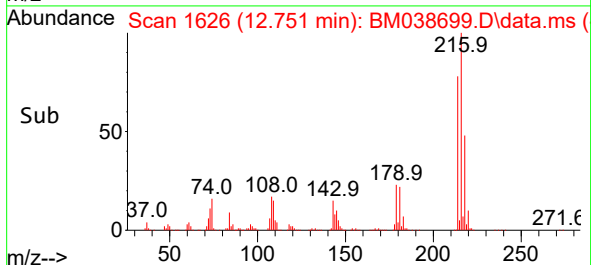
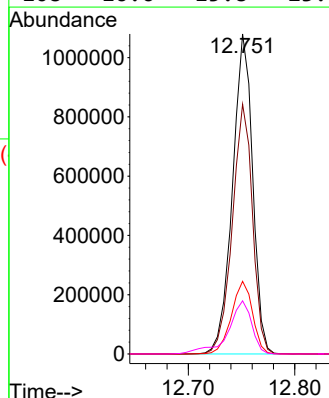
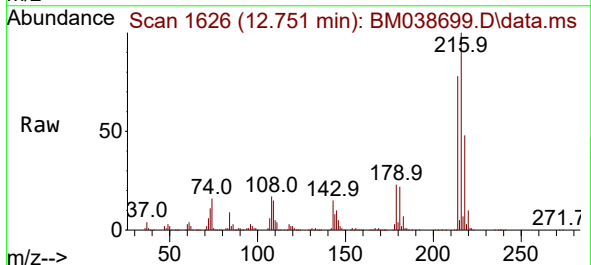
Ion Ratio Lower Upper

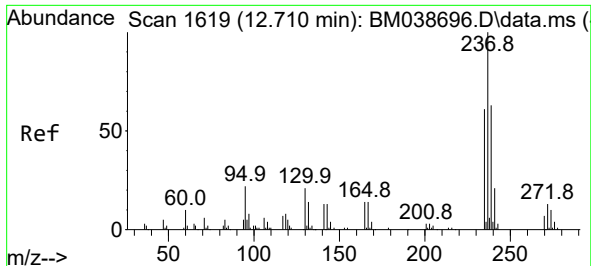
216 100

214 78.0 63.9 95.9

179 22.7 22.2 33.4

108 16.6 15.8 23.8

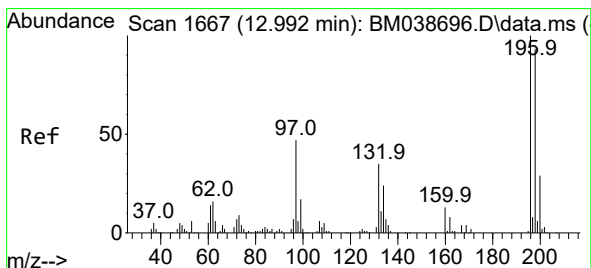
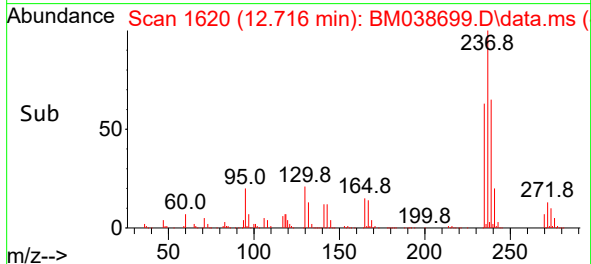
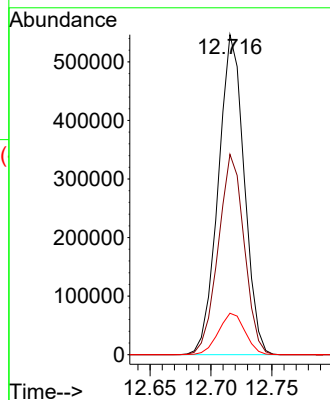
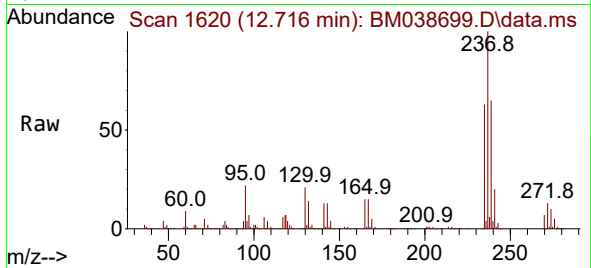




#40
Hexachlorocyclopentadiene
Concen: 81.835 ng/ul
RT: 12.716 min Scan# 1
Delta R.T. 0.006 min
Lab File: BM038699.D
Acq: 06 Feb 2023 19:08

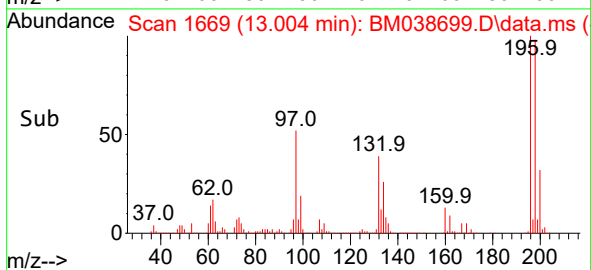
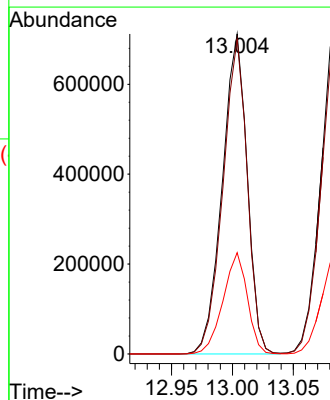
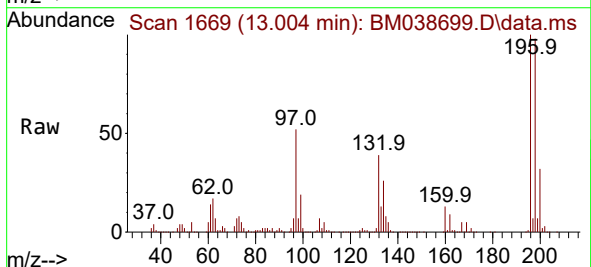
Instrument :
BNA_M
ClientSampleId :
SSTD160038

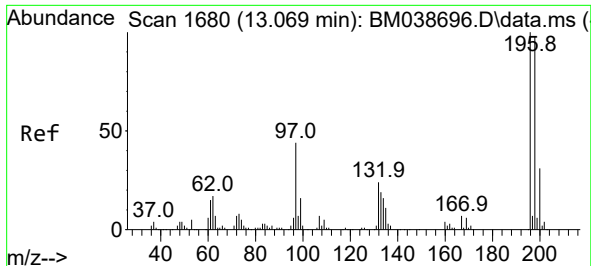
Tgt Ion:237 Resp: 810416
Ion Ratio Lower Upper
237 100
235 62.6 45.7 68.5
272 13.0 10.4 15.6



#41
2,4,6-Trichlorophenol
Concen: 119.876 ng/ul
RT: 13.004 min Scan# 1669
Delta R.T. 0.012 min
Lab File: BM038699.D
Acq: 06 Feb 2023 19:08

Tgt Ion:196 Resp: 1012876
Ion Ratio Lower Upper
196 100
198 98.4 74.2 111.2
200 31.7 23.3 34.9

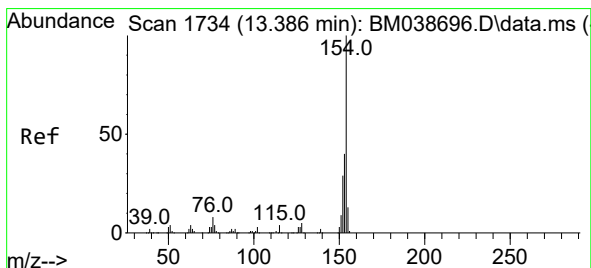
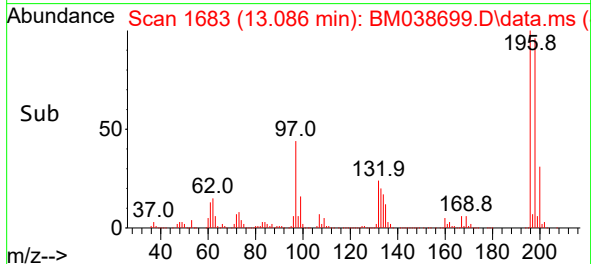
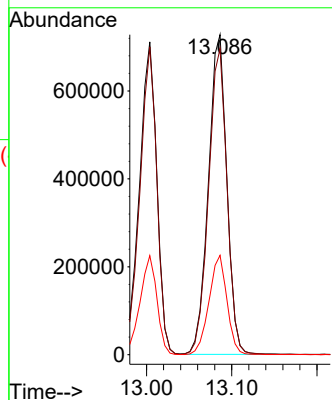
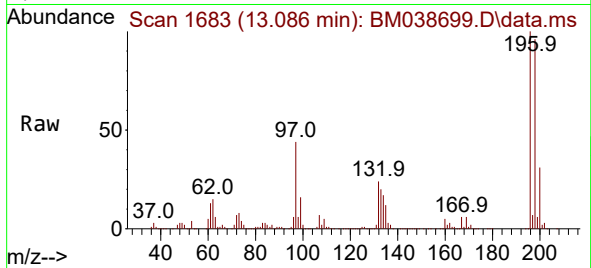




#42
2,4,5-Trichlorophenol
Concen: 121.055 ng/ul
RT: 13.086 min Scan# 1
Delta R.T. 0.018 min
Lab File: BM038699.D
Acq: 06 Feb 2023 19:08

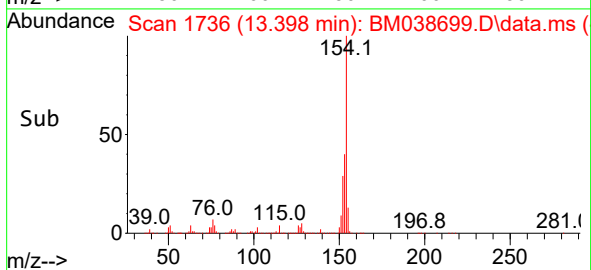
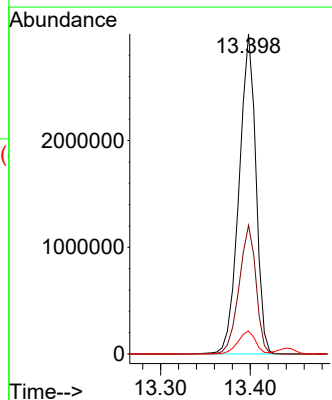
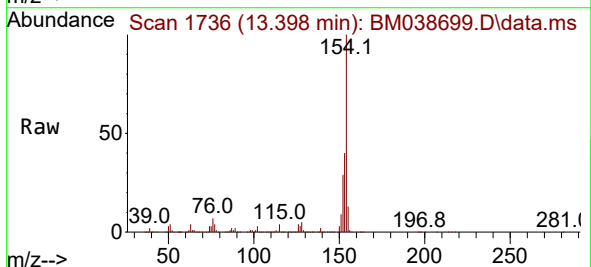
Instrument :
BNA_M
ClientSampleId :
SSTD160038

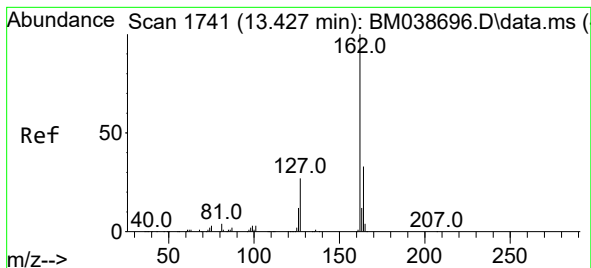
Tgt Ion:196 Resp: 1092318
Ion Ratio Lower Upper
196 100
198 95.6 78.1 117.1
200 31.0 24.3 36.5



#43
1,1'-Biphenyl
Concen: 180.226 ng/ul
RT: 13.398 min Scan# 1736
Delta R.T. 0.012 min
Lab File: BM038699.D
Acq: 06 Feb 2023 19:08

Tgt Ion:154 Resp: 3906915
Ion Ratio Lower Upper
154 100
153 40.2 31.9 47.9
76 7.2 6.2 9.2





#44

2-Chloronaphthalene

Concen: 169.855 ng/ul

RT: 13.445 min Scan# 1

Delta R.T. 0.018 min

Lab File: BM038699.D

Acq: 06 Feb 2023 19:08

Instrument :

BNA_M

ClientSampleId :

SSTD160038

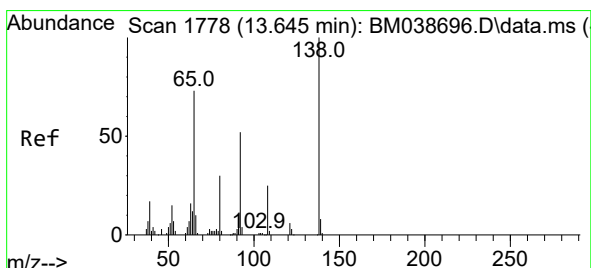
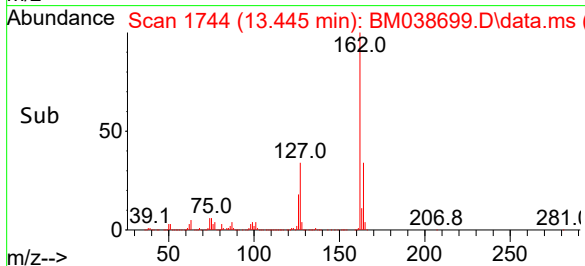
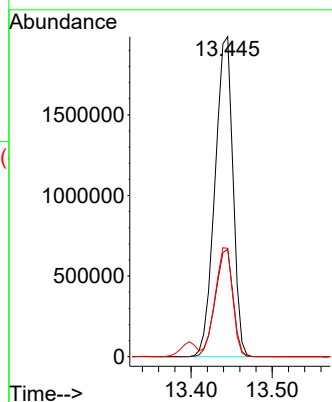
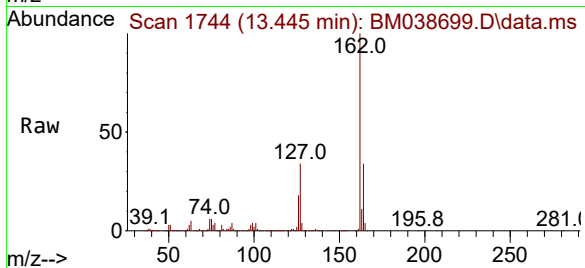
Tgt Ion:162 Resp: 3058866

Ion Ratio Lower Upper

162 100

164 33.6 26.2 39.2

127 33.9 24.4 36.6



#45

2-Nitroaniline

Concen: 122.234 ng/ul

RT: 13.669 min Scan# 1782

Delta R.T. 0.023 min

Lab File: BM038699.D

Acq: 06 Feb 2023 19:08

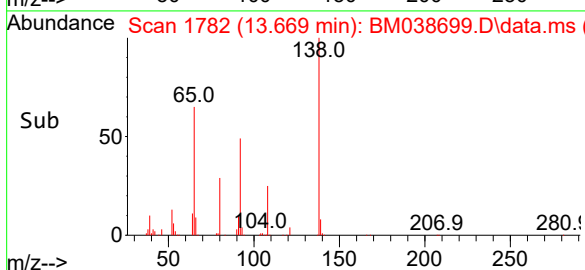
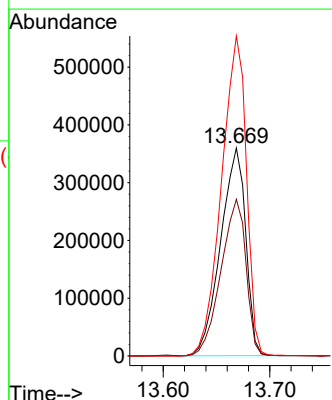
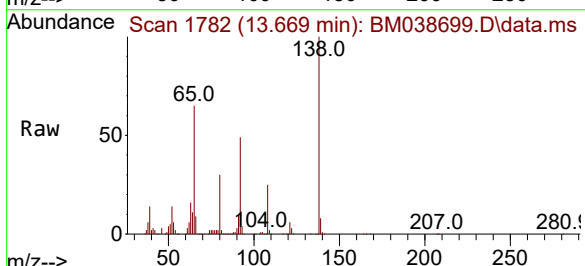
Tgt Ion: 65 Resp: 588776

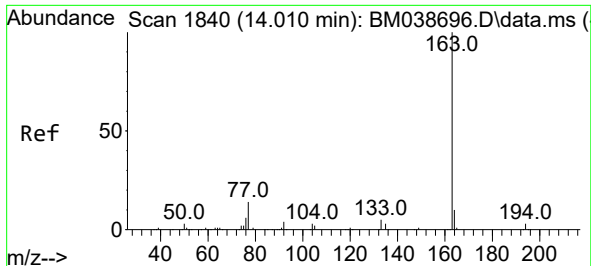
Ion Ratio Lower Upper

65 100

92 75.3 56.5 84.7

138 153.8 108.6 162.8

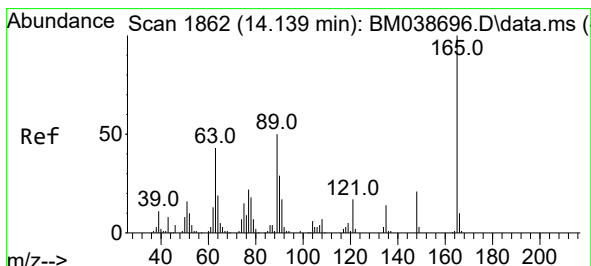
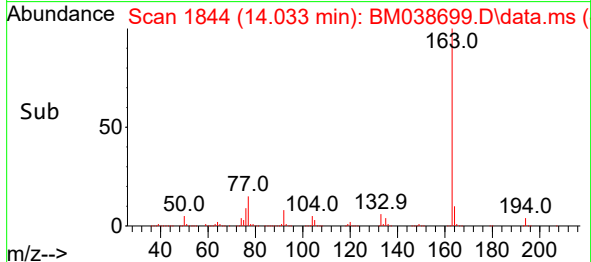
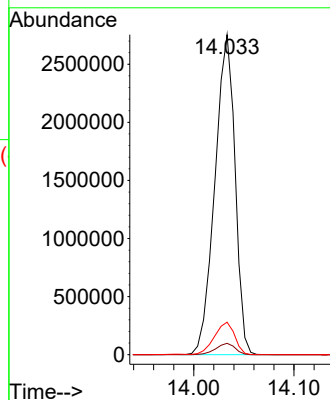
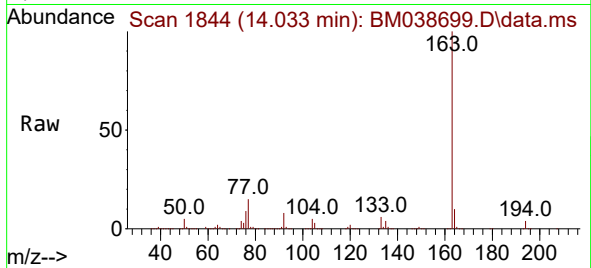




#47
Dimethylphthalate
Concen: 167.679 ng/ul
RT: 14.033 min Scan# 1844
Delta R.T. 0.023 min
Lab File: BM038699.D
Acq: 06 Feb 2023 19:08

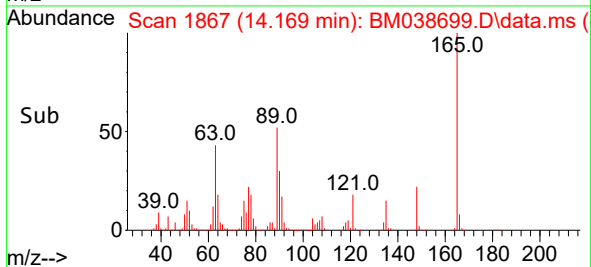
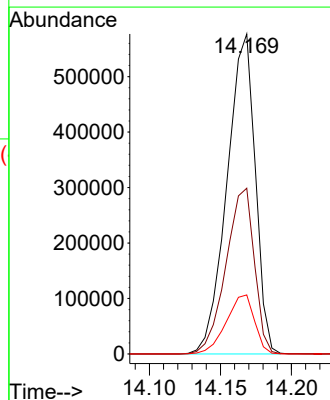
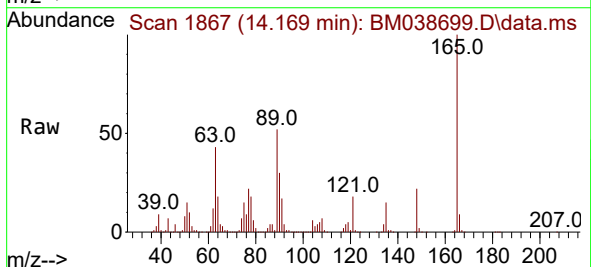
Instrument :
BNA_M
ClientSampleId :
SSTD160038

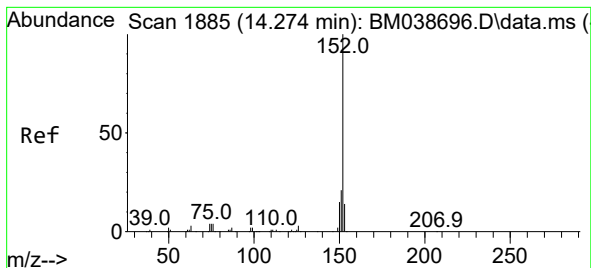
Tgt Ion:163 Resp: 3842448
Ion Ratio Lower Upper
163 100
194 3.6 2.6 4.0
164 10.1 8.0 12.0



#48
2,6-Dinitrotoluene
Concen: 188.310 ng/ul
RT: 14.169 min Scan# 1867
Delta R.T. 0.029 min
Lab File: BM038699.D
Acq: 06 Feb 2023 19:08

Tgt Ion:165 Resp: 799204
Ion Ratio Lower Upper
165 100
89 51.8 40.2 60.4
121 18.5 13.6 20.4





#50

Acenaphthylene

Concen: 185.640 ng/ul

RT: 14.286 min Scan# 1

Delta R.T. 0.012 min

Lab File: BM038699.D

Acq: 06 Feb 2023 19:08

Instrument :

BNA_M

ClientSampleId :

SSTD160038

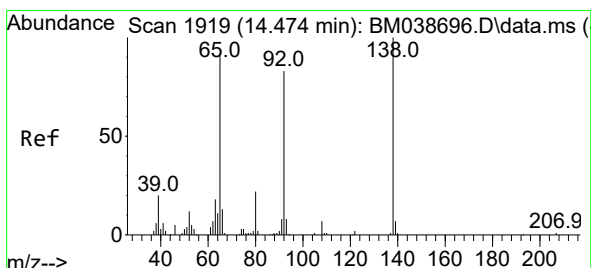
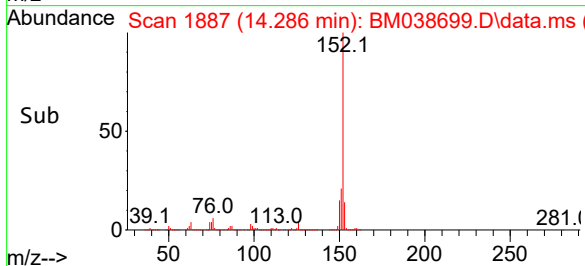
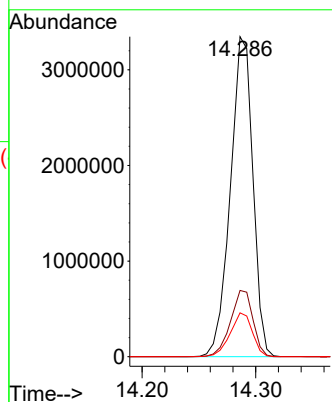
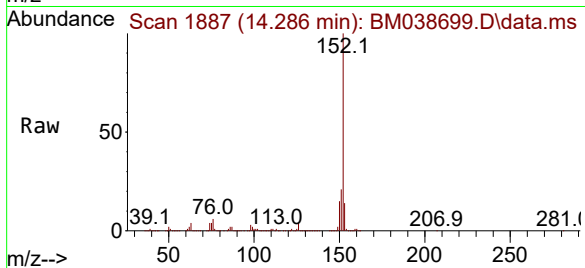
Tgt Ion:152 Resp: 4600657

Ion Ratio Lower Upper

152 100

151 20.7 16.6 24.8

153 13.7 10.8 16.2



#51

3-Nitroaniline

Concen: 203.144 ng/ul

RT: 14.498 min Scan# 1923

Delta R.T. 0.023 min

Lab File: BM038699.D

Acq: 06 Feb 2023 19:08

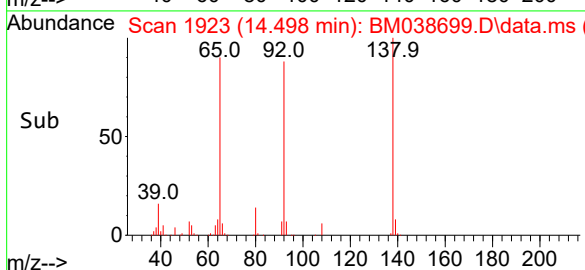
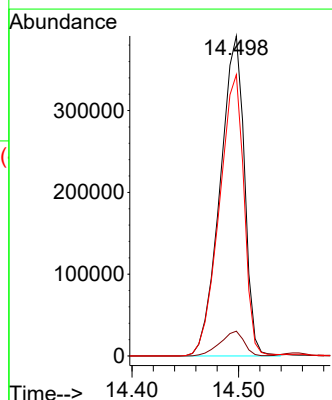
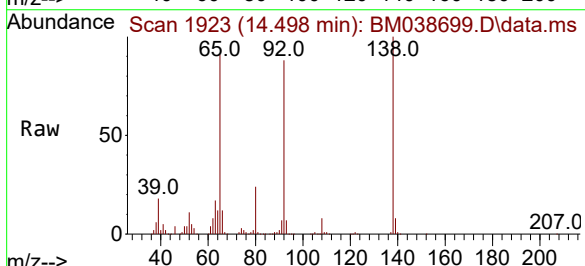
Tgt Ion:138 Resp: 620582

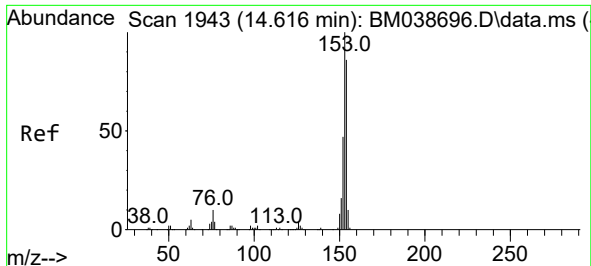
Ion Ratio Lower Upper

138 100

108 7.8 5.9 8.9

92 87.9 67.1 100.7

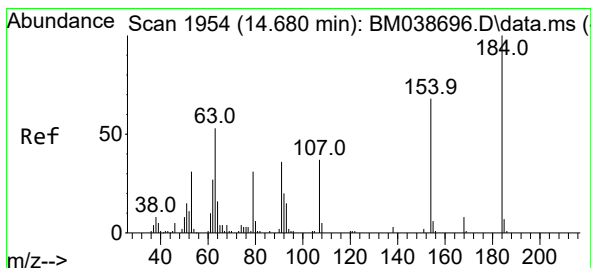
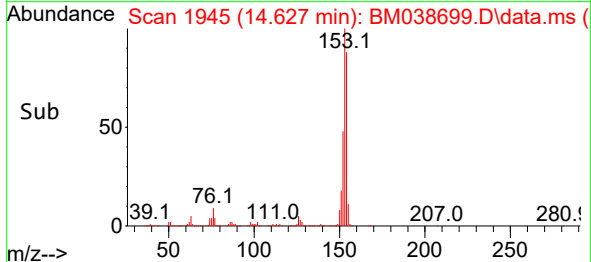
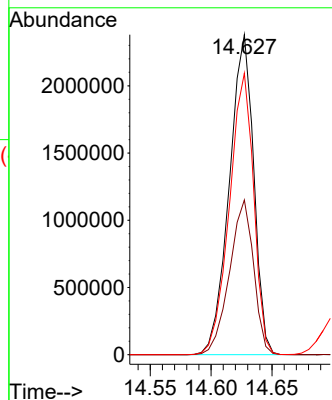
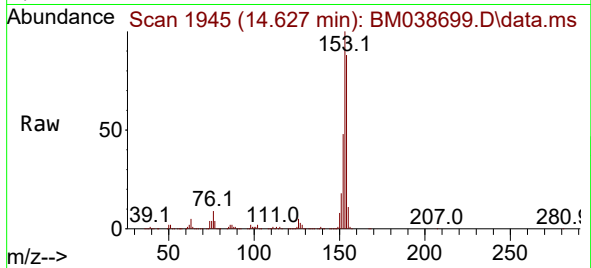




#52
Acenaphthene
Concen: 180.138 ng/ul
RT: 14.627 min Scan# 1945
Delta R.T. 0.012 min
Lab File: BM038699.D
Acq: 06 Feb 2023 19:08

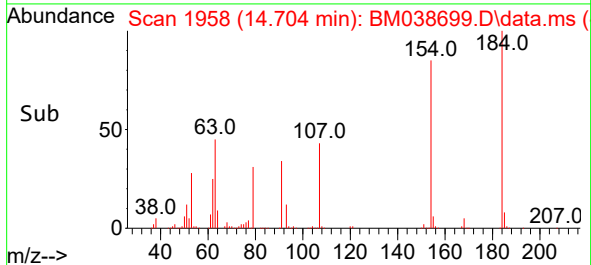
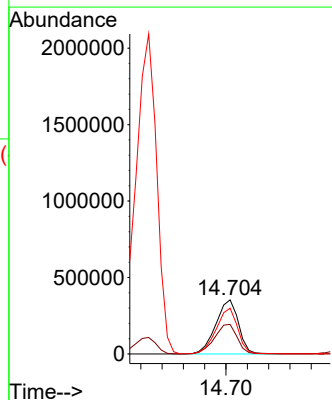
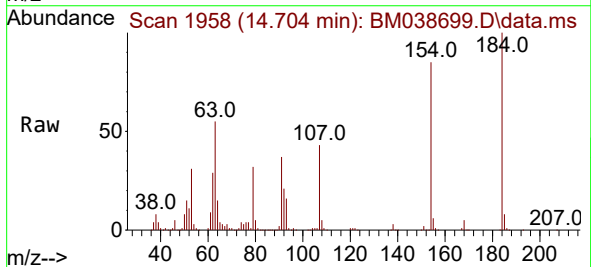
Instrument :
BNA_M
ClientSampleId :
SSTD160038

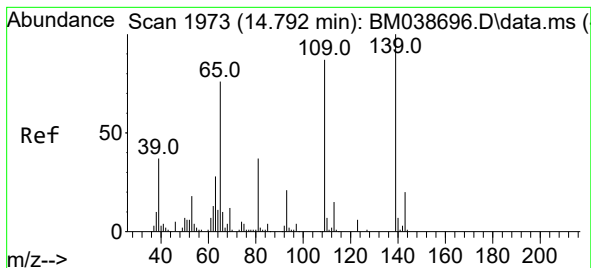
Tgt Ion:153 Resp: 3322947
Ion Ratio Lower Upper
153 100
152 48.3 37.9 56.9
154 87.9 68.6 102.8



#53
2,4-Dinitrophenol
Concen: 153.360 ng/ul
RT: 14.704 min Scan# 1958
Delta R.T. 0.023 min
Lab File: BM038699.D
Acq: 06 Feb 2023 19:08

Tgt Ion:184 Resp: 523233
Ion Ratio Lower Upper
184 100
63 54.8 42.3 63.5
154 84.6 55.5 83.3#

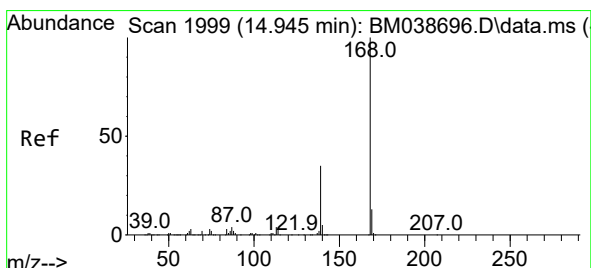
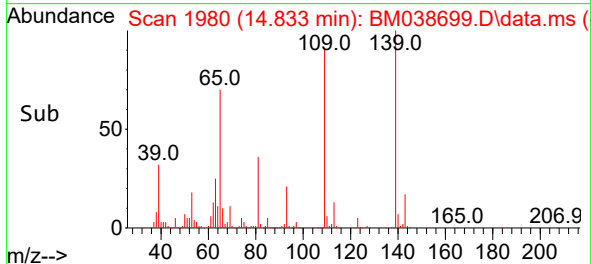
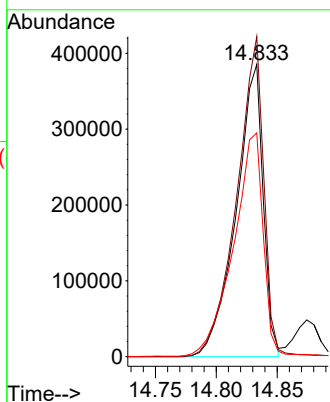
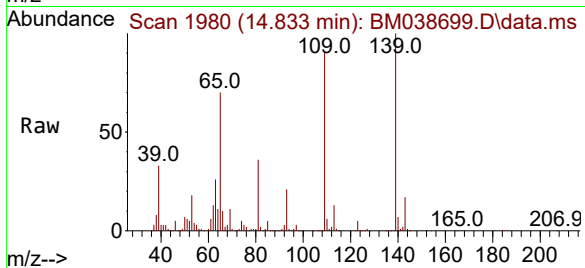




#55
4-Nitrophenol
Concen: 109.825 ng/ul
RT: 14.833 min Scan# 1973
Delta R.T. 0.041 min
Lab File: BM038699.D
Acq: 06 Feb 2023 19:08

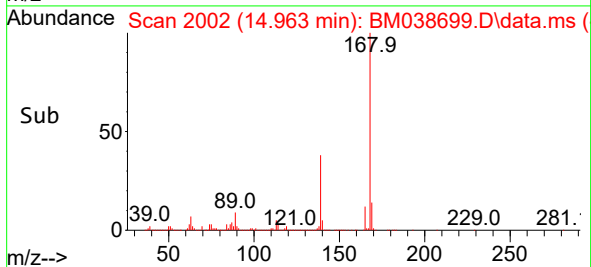
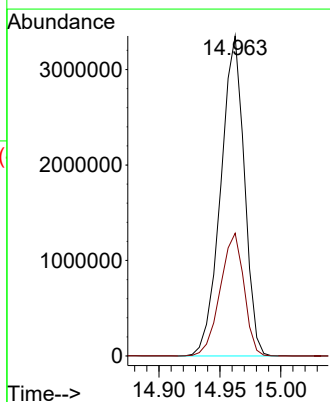
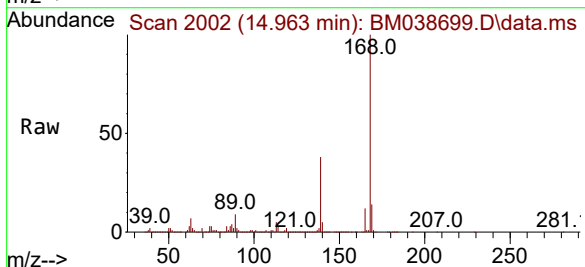
Instrument :
BNA_M
ClientSampleId :
SSTD160038

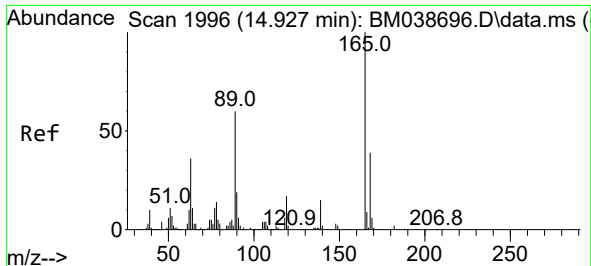
Tgt Ion:109 Resp: 593599
Ion Ratio Lower Upper
109 100
139 109.5 92.3 138.5
65 76.6 70.6 106.0



#56
Dibenzofuran
Concen: 164.660 ng/ul
RT: 14.963 min Scan# 2002
Delta R.T. 0.018 min
Lab File: BM038699.D
Acq: 06 Feb 2023 19:08

Tgt Ion:168 Resp: 4517596
Ion Ratio Lower Upper
168 100
139 38.4 28.0 42.0





#57

2,4-Dinitrotoluene

Concen: 185.910 ng/ul

RT: 14.957 min Scan# 2041

Delta R.T. 0.029 min

Lab File: BM038699.D

Acq: 06 Feb 2023 19:08

Instrument :

BNA_M

ClientSampleId :

SSTD160038

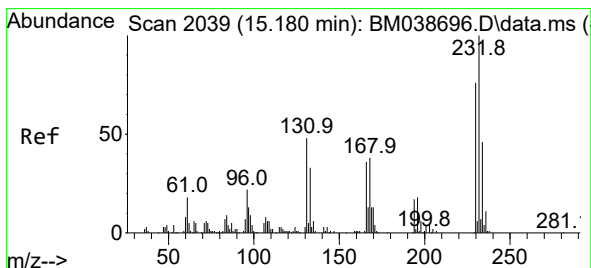
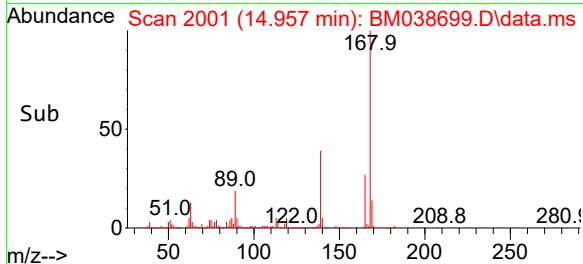
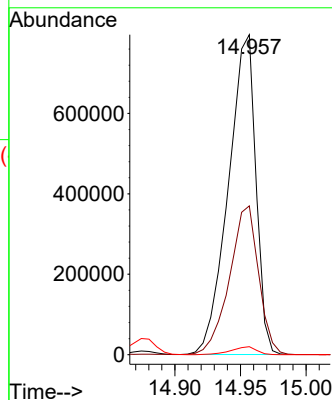
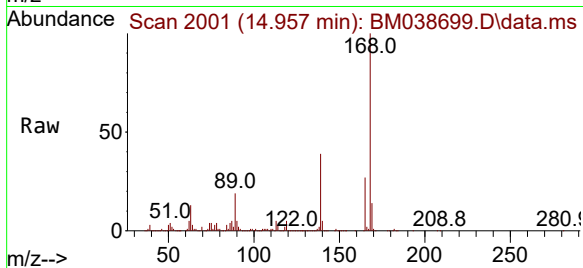
Tgt Ion:165 Resp: 1162954

Ion Ratio Lower Upper

165 100

63 46.5 28.6 43.0#

182 2.5 1.5 2.3#



#58

2,3,4,6-Tetrachlorophenol

Concen: 111.827 ng/ul

RT: 15.192 min Scan# 2041

Delta R.T. 0.012 min

Lab File: BM038699.D

Acq: 06 Feb 2023 19:08

Tgt Ion:232 Resp: 883470

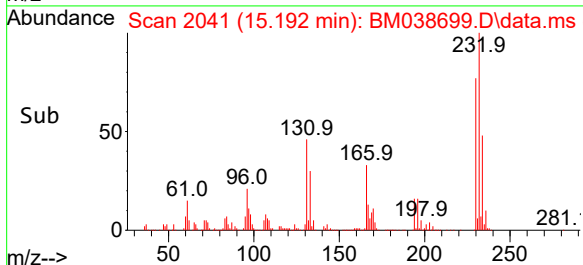
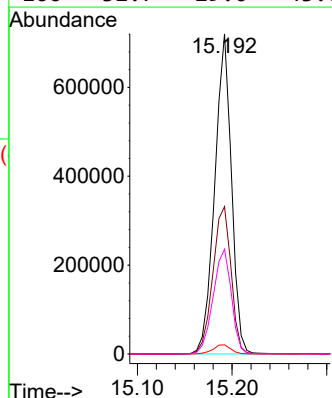
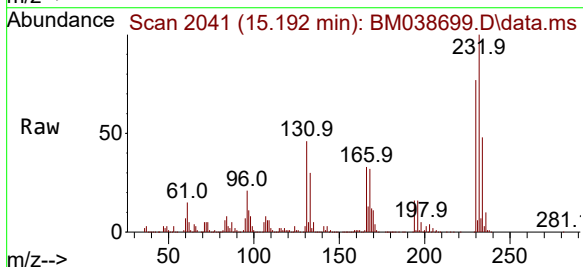
Ion Ratio Lower Upper

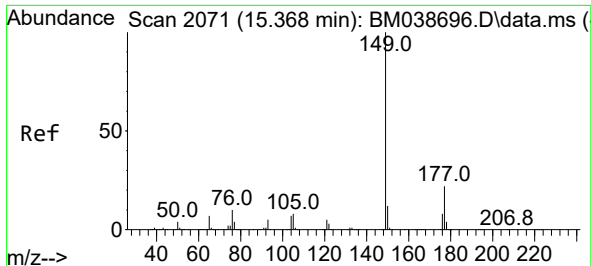
232 100

131 46.1 38.5 57.7

130 2.9 2.3 3.5

166 32.7 29.0 43.6

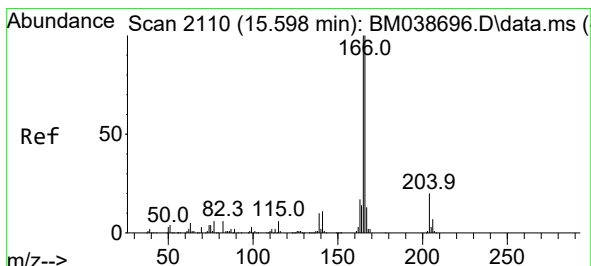
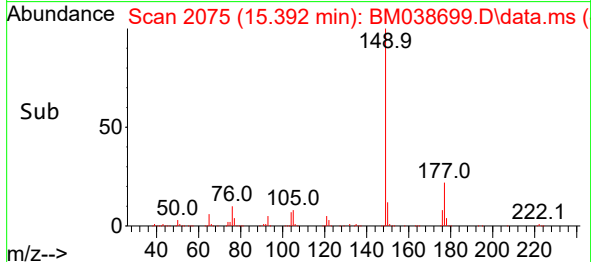
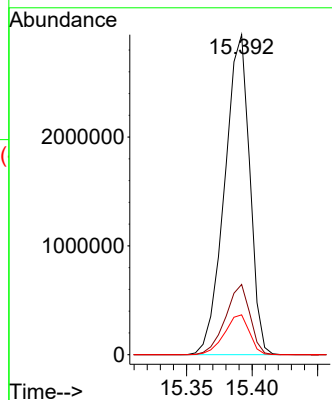
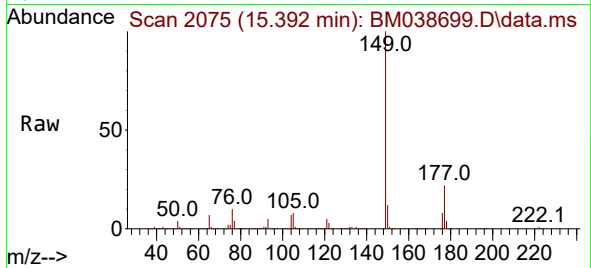




#59
Diethylphthalate
Concen: 182.048 ng/ul
RT: 15.392 min Scan# 2075
Delta R.T. 0.023 min
Lab File: BM038699.D
Acq: 06 Feb 2023 19:08

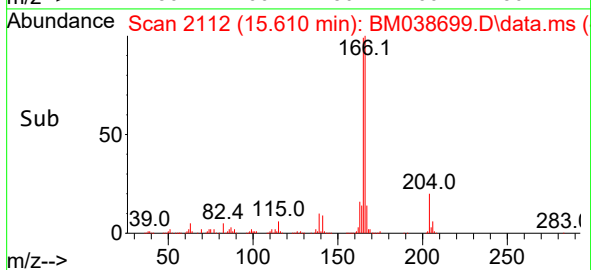
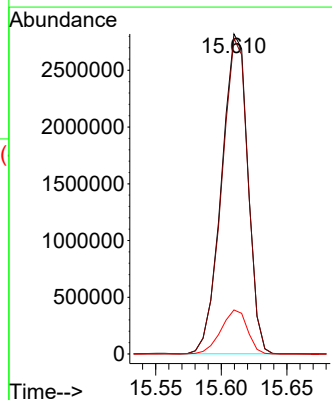
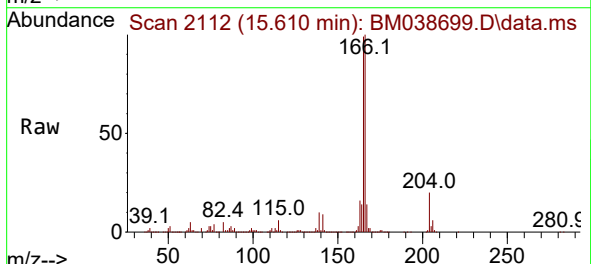
Instrument :
BNA_M
ClientSampleId :
SSTD160038

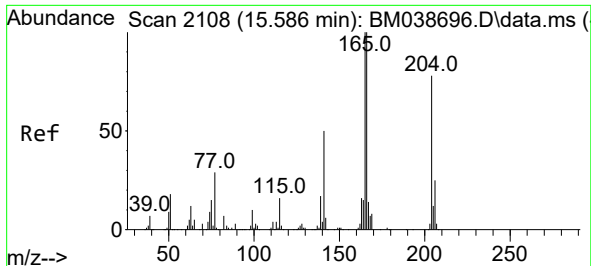
Tgt Ion:149 Resp: 3910911
Ion Ratio Lower Upper
149 100
177 22.0 17.5 26.3
150 12.4 9.5 14.3



#61
Fluorene
Concen: 170.437 ng/ul
RT: 15.610 min Scan# 2112
Delta R.T. 0.012 min
Lab File: BM038699.D
Acq: 06 Feb 2023 19:08

Tgt Ion:166 Resp: 3938131
Ion Ratio Lower Upper
166 100
165 98.6 80.3 120.5
167 13.8 10.7 16.1

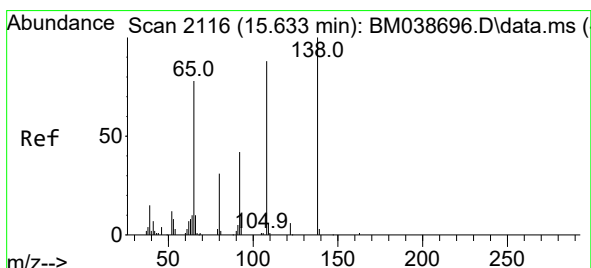
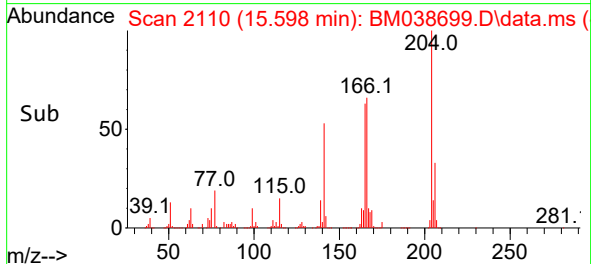
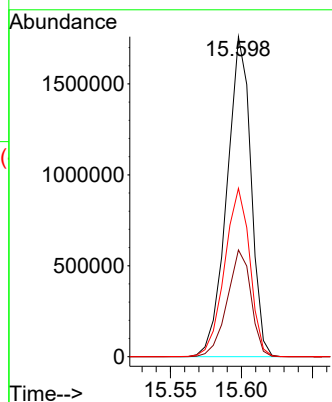
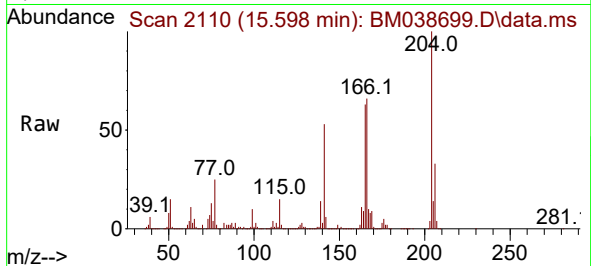




#62
4-Chlorophenyl-phenylether
Concen: 127.545 ng/ul
RT: 15.598 min Scan# 2110
Delta R.T. 0.012 min
Lab File: BM038699.D
Acq: 06 Feb 2023 19:08

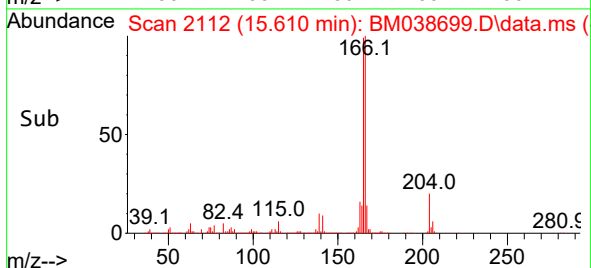
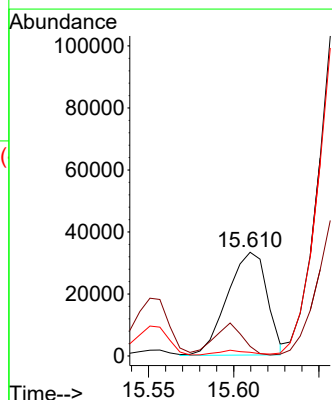
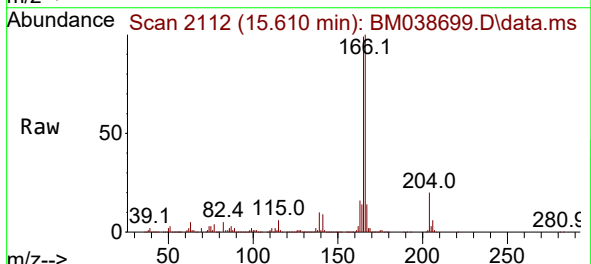
Instrument :
BNA_M
ClientSampleId :
SSTD160038

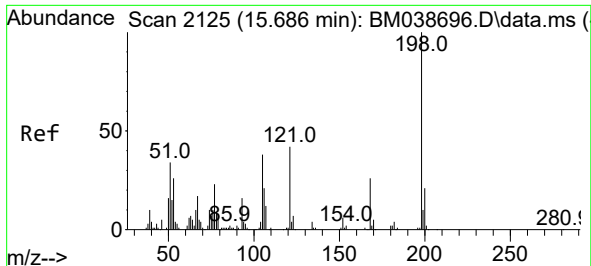
Tgt Ion:204 Resp: 2073662
Ion Ratio Lower Upper
204 100
206 33.4 25.4 38.2
141 52.6 50.6 75.8



#63
4-Nitroaniline
Concen: 21.403 ng/ul
RT: 15.610 min Scan# 2112
Delta R.T. -0.024 min
Lab File: BM038699.D
Acq: 06 Feb 2023 19:08

Tgt Ion:138 Resp: 53905
Ion Ratio Lower Upper
138 100
92 9.3 33.3 49.9#
108 3.6 70.8 106.2#

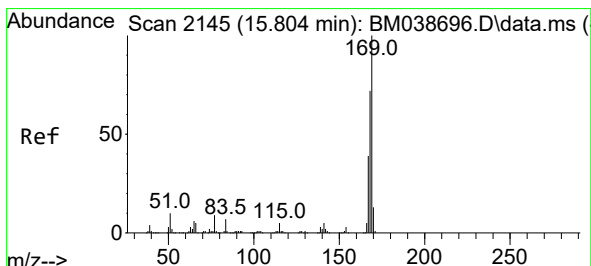
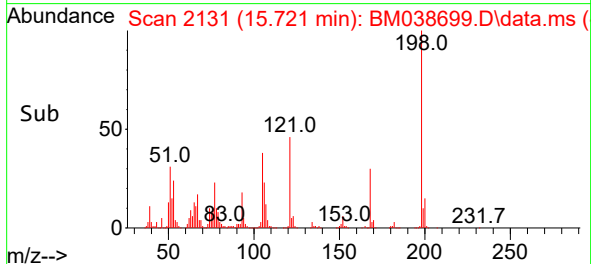
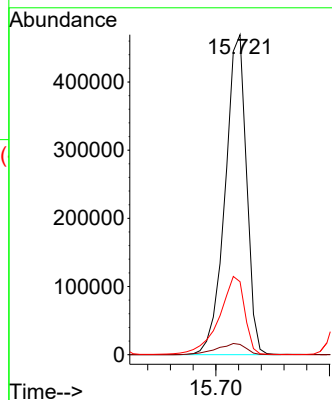
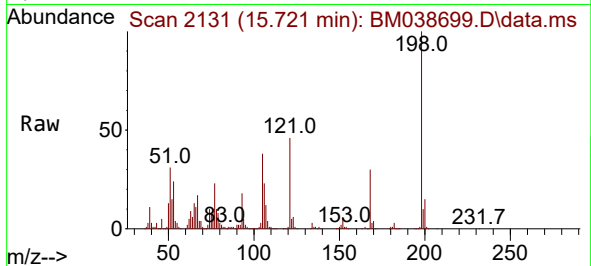




#66
 4,6-Dinitro-2-methylphenol
 Concen: 133.348 ng/ul
 RT: 15.721 min Scan# 2125
 Delta R.T. 0.035 min
 Lab File: BM038699.D
 Acq: 06 Feb 2023 19:08

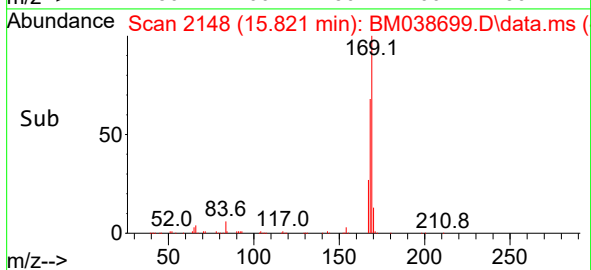
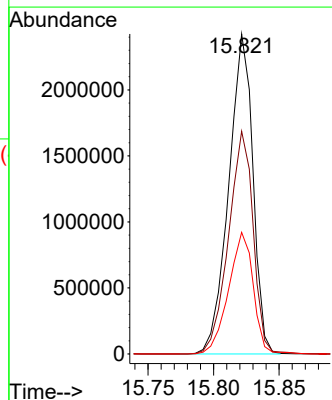
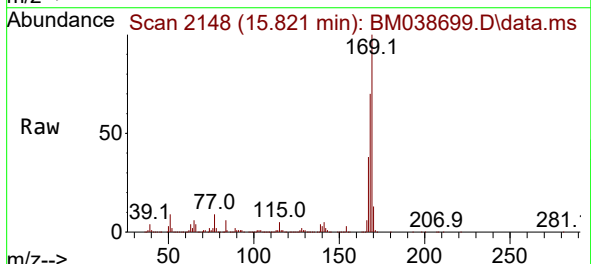
Instrument :
 BNA_M
 ClientSampleId :
 SSTD160038

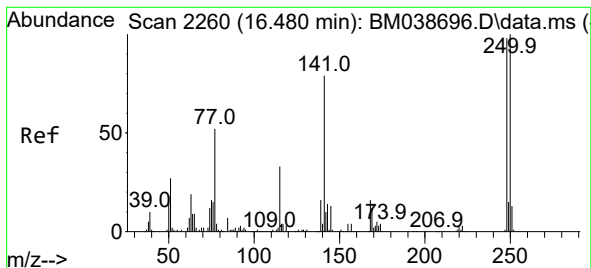
Tgt Ion:198 Resp: 612820
 Ion Ratio Lower Upper
 198 100
 182 3.2 3.2 4.8
 77 22.8 19.0 28.6



#67
 N-Nitrosodiphenylamine
 Concen: 193.565 ng/ul
 RT: 15.821 min Scan# 2148
 Delta R.T. 0.018 min
 Lab File: BM038699.D
 Acq: 06 Feb 2023 19:08

Tgt Ion:169 Resp: 3104606
 Ion Ratio Lower Upper
 169 100
 168 69.6 57.6 86.4
 167 38.0 31.3 46.9

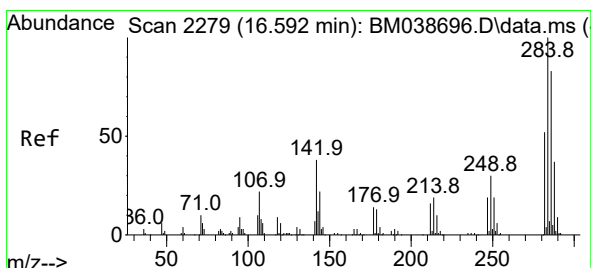
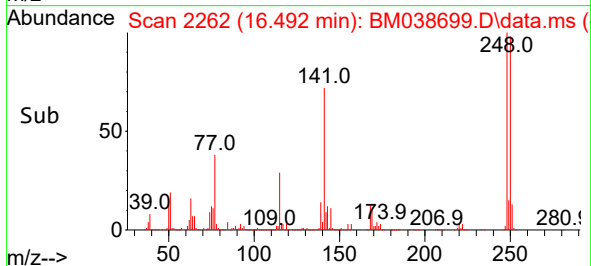
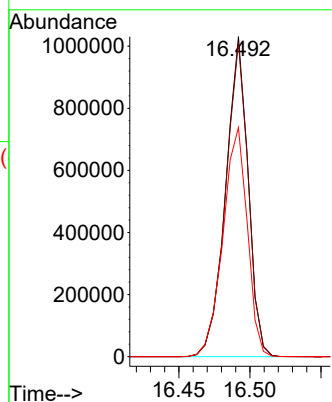
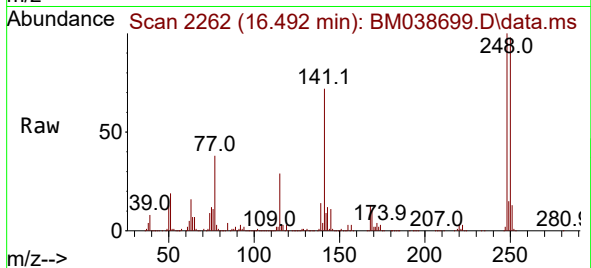




#68
4-Bromophenyl-phenylether
Concen: 141.669 ng/ul
RT: 16.492 min Scan# 21
Delta R.T. 0.012 min
Lab File: BM038699.D
Acq: 06 Feb 2023 19:08

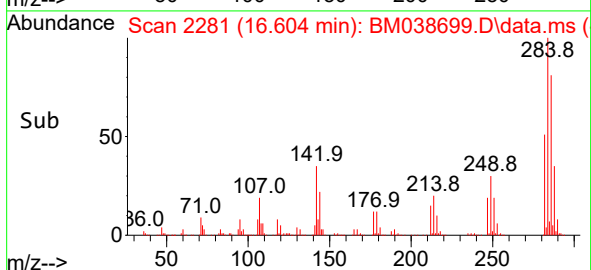
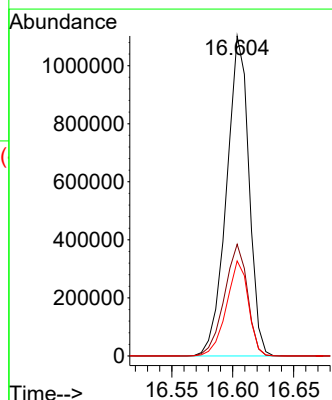
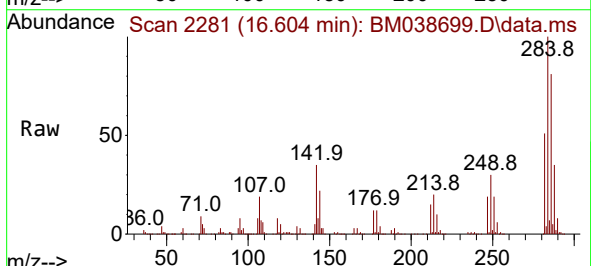
Instrument :
BNA_M
ClientSampleId :
SSTD160038

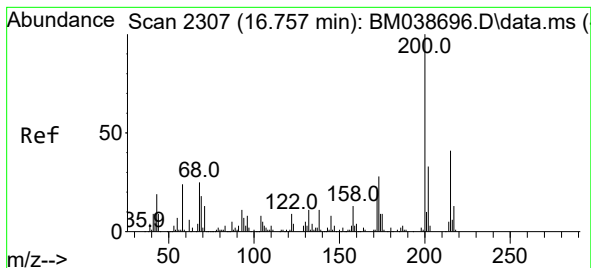
Tgt Ion:248 Resp: 1135582
Ion Ratio Lower Upper
248 100
250 98.2 81.6 122.4
141 71.6 64.6 97.0



#69
Hexachlorobenzene
Concen: 150.725 ng/ul
RT: 16.604 min Scan# 2281
Delta R.T. 0.012 min
Lab File: BM038699.D
Acq: 06 Feb 2023 19:08

Tgt Ion:284 Resp: 1410366
Ion Ratio Lower Upper
284 100
142 34.9 30.6 46.0
249 29.7 23.7 35.5





#70

Atrazine

Concen: 131.983 ng/ul

RT: 16.786 min Scan# 21

Delta R.T. 0.029 min

Lab File: BM038699.D

Acq: 06 Feb 2023 19:08

Instrument :

BNA_M

ClientSampleId :

SSTD160038

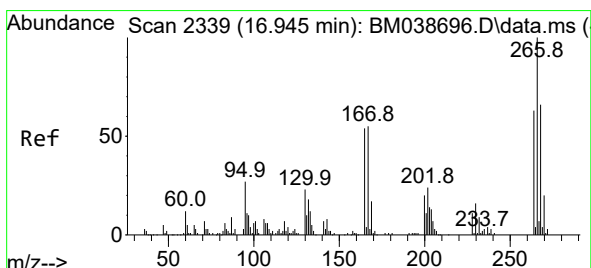
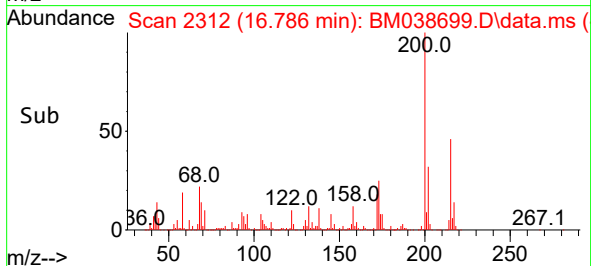
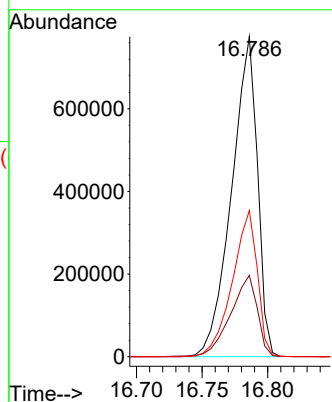
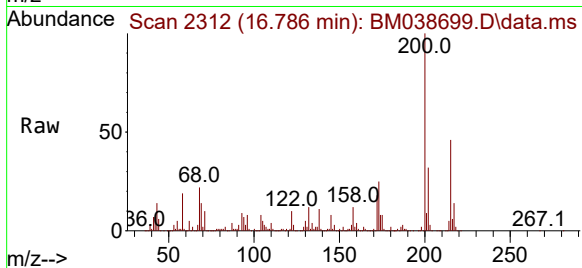
Tgt Ion:200 Resp: 1062159

Ion Ratio Lower Upper

200 100

173 25.4 22.6 33.8

215 45.6 32.6 48.8



#71

Pentachlorophenol

Concen: 137.201 ng/ul

RT: 16.957 min Scan# 2341

Delta R.T. 0.012 min

Lab File: BM038699.D

Acq: 06 Feb 2023 19:08

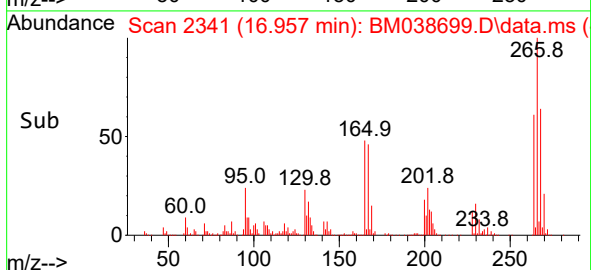
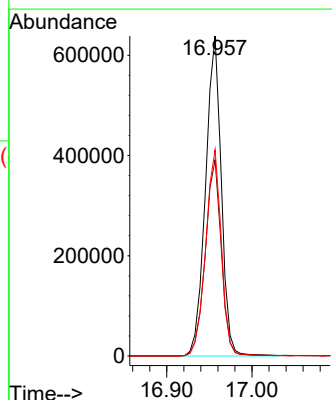
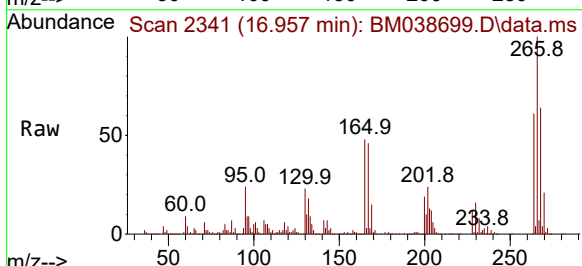
Tgt Ion:266 Resp: 821226

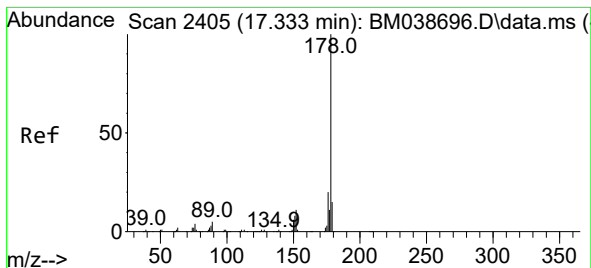
Ion Ratio Lower Upper

266 100

264 61.2 50.6 75.8

268 64.4 52.6 79.0





#72

Phenanthrene

Concen: 195.096 ng/uI

RT: 17.351 min Scan# 2408

Delta R.T. 0.018 min

Lab File: BM038699.D

Acq: 06 Feb 2023 19:08

Instrument :

BNA_M

ClientSampleId :

SSTD160038

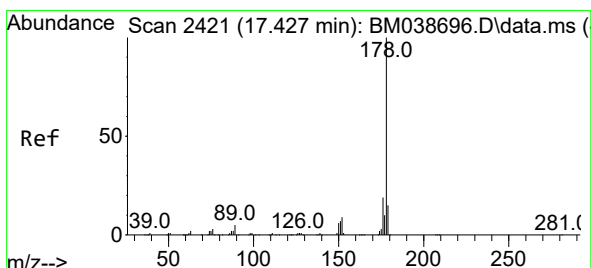
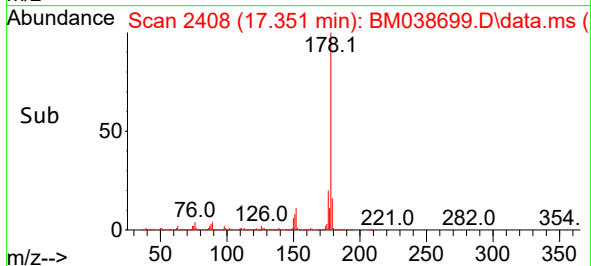
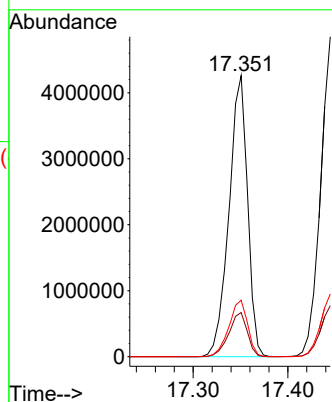
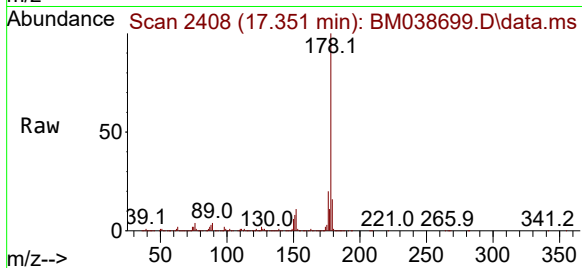
Tgt Ion:178 Resp: 5800189

Ion Ratio Lower Upper

178 100

179 15.7 12.4 18.6

176 20.1 16.3 24.5



#74

Anthracene

Concen: 190.427 ng/uI

RT: 17.445 min Scan# 2424

Delta R.T. 0.018 min

Lab File: BM038699.D

Acq: 06 Feb 2023 19:08

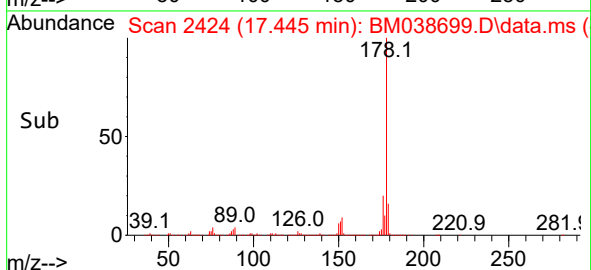
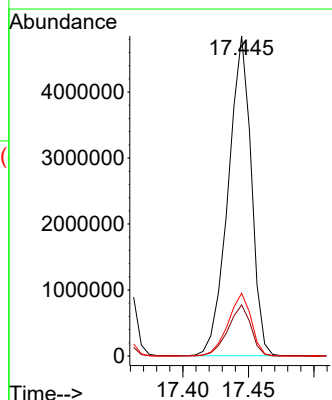
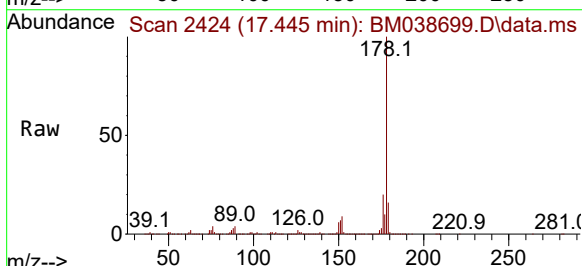
Tgt Ion:178 Resp: 5928384

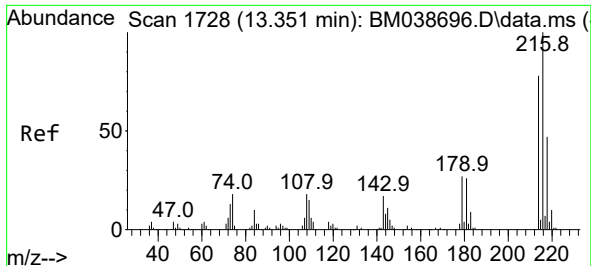
Ion Ratio Lower Upper

178 100

179 16.0 12.1 18.1

176 19.6 15.6 23.4

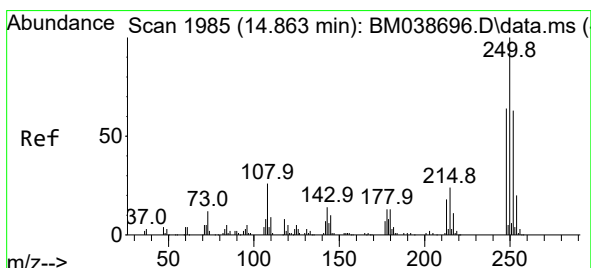
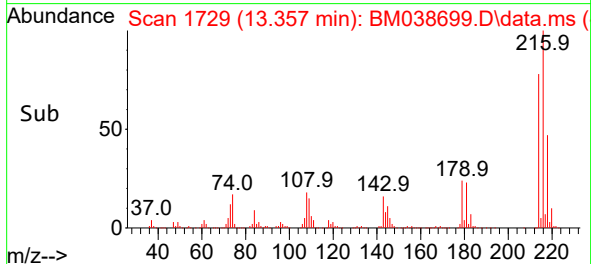
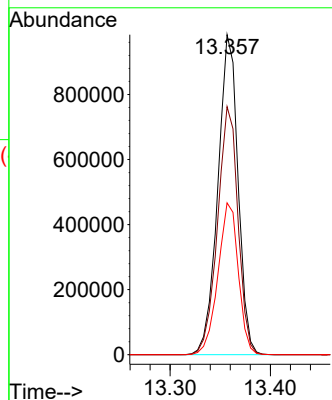
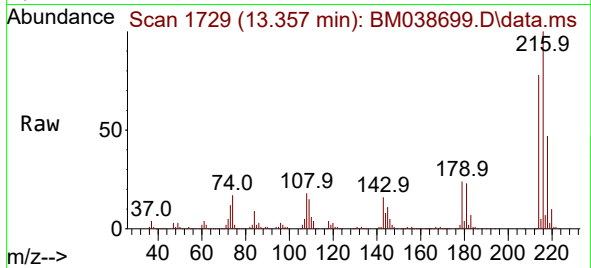




#75
1,2,3,4-Tetrachlorobenzene
Concen: 125.600 ng/uL
RT: 13.357 min Scan# 11
Delta R.T. 0.006 min
Lab File: BM038699.D
Acq: 06 Feb 2023 19:08

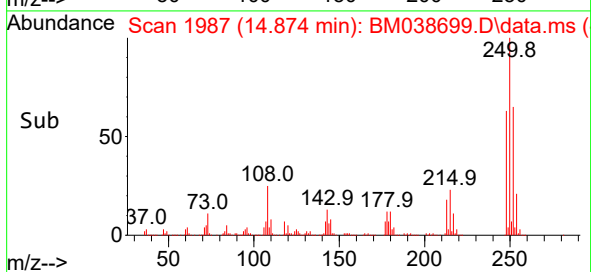
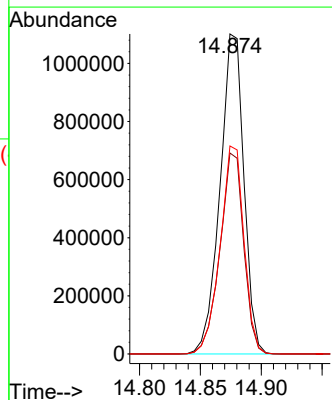
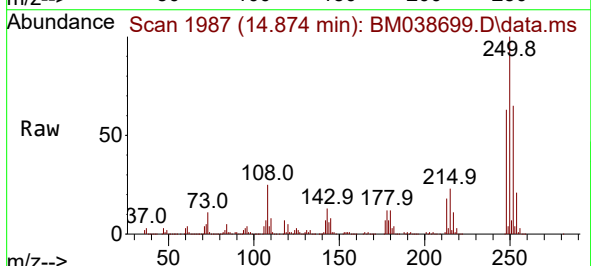
Instrument :
BNA_M
ClientSampleId :
SSTD160038

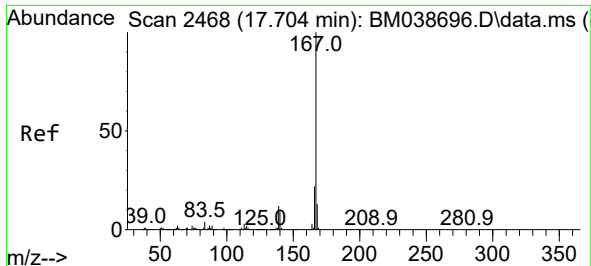
Tgt Ion:216 Resp: 1373358
Ion Ratio Lower Upper
216 100
214 77.5 62.4 93.6
218 47.5 38.0 57.0



#76
Pentachlorobenzene
Concen: 132.181 ng/uL
RT: 14.874 min Scan# 1987
Delta R.T. 0.012 min
Lab File: BM038699.D
Acq: 06 Feb 2023 19:08

Tgt Ion:250 Resp: 1503921
Ion Ratio Lower Upper
250 100
248 62.8 51.4 77.2
252 65.0 50.2 75.4

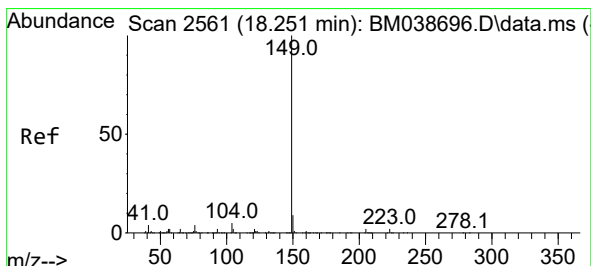
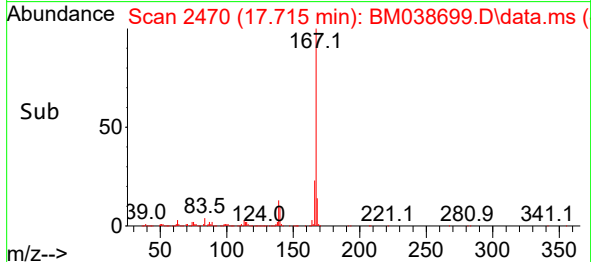
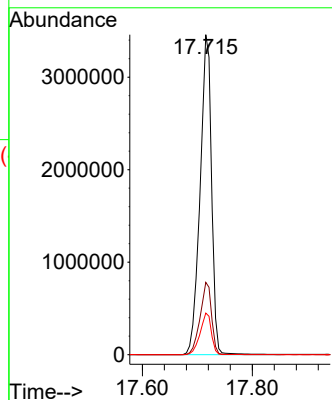
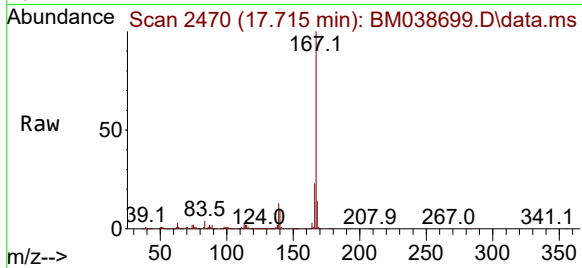




#77
 Carbazole
 Concen: 185.669 ng/ul
 RT: 17.715 min Scan# 2468
 Delta R.T. 0.012 min
 Lab File: BM038699.D
 Acq: 06 Feb 2023 19:08

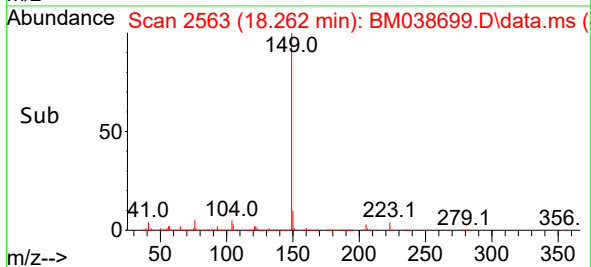
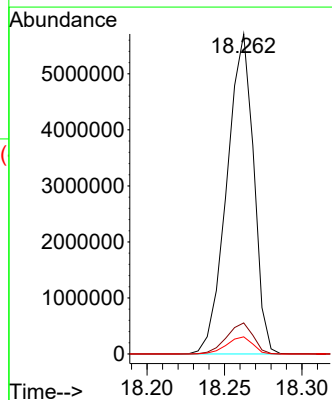
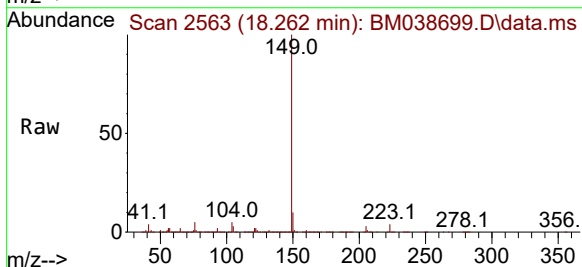
Instrument :
 BNA_M
 ClientSampleId :
 SSTD160038

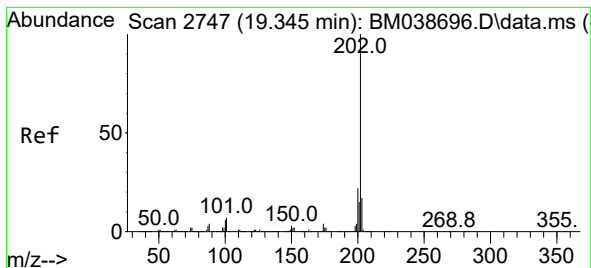
Tgt Ion:167 Resp: 5017290
 Ion Ratio Lower Upper
 167 100
 166 22.6 17.4 26.2
 139 13.0 9.5 14.3



#78
 Di-n-butylphthalate
 Concen: 262.219 ng/ul
 RT: 18.262 min Scan# 2563
 Delta R.T. 0.012 min
 Lab File: BM038699.D
 Acq: 06 Feb 2023 19:08

Tgt Ion:149 Resp: 6855557
 Ion Ratio Lower Upper
 149 100
 150 9.7 7.4 11.0
 104 5.4 3.8 5.6





#80

Fluoranthene

Concen: 263.953 ng/uI

RT: 19.356 min Scan# 21

Delta R.T. 0.012 min

Lab File: BM038699.D

Acq: 06 Feb 2023 19:08

Instrument :

BNA_M

ClientSampleId :

SSTD160038

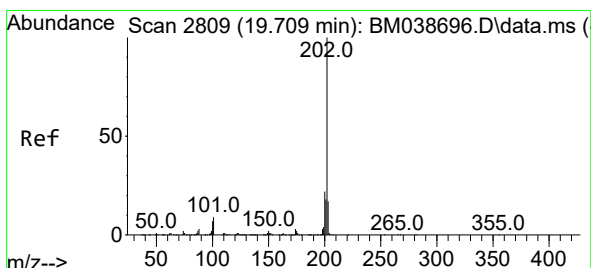
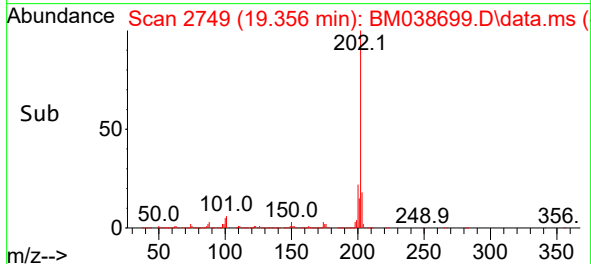
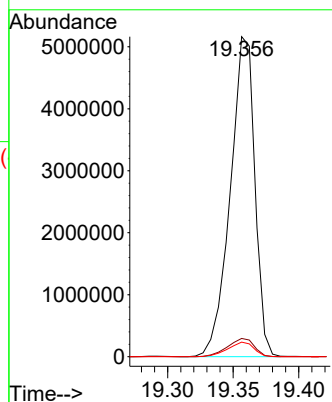
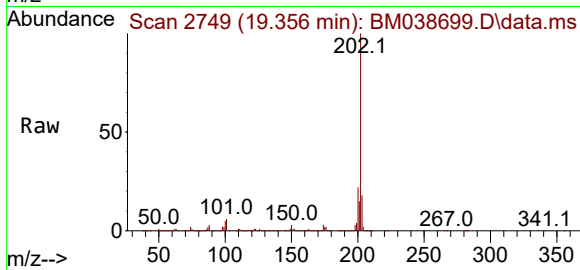
Tgt Ion:202 Resp: 6732220

Ion Ratio Lower Upper

202 100

101 5.7 5.8 8.8#

100 4.5 4.9 7.3#



#82

Pyrene

Concen: 262.564 ng/uI

RT: 19.727 min Scan# 2812

Delta R.T. 0.018 min

Lab File: BM038699.D

Acq: 06 Feb 2023 19:08

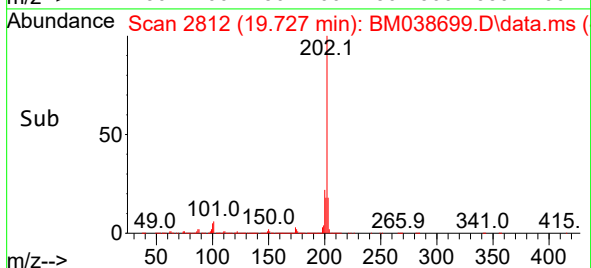
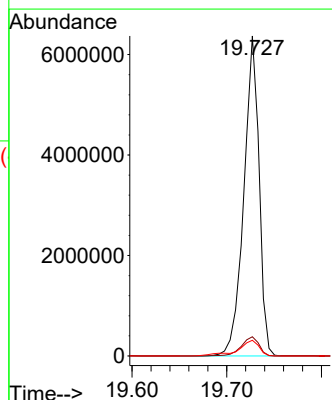
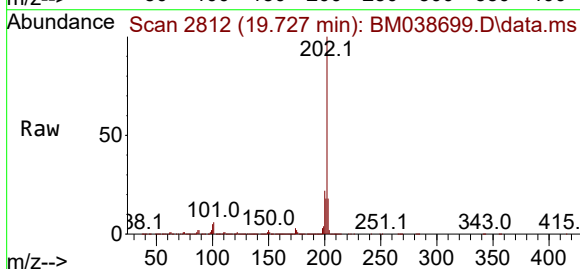
Tgt Ion:202 Resp: 7106865

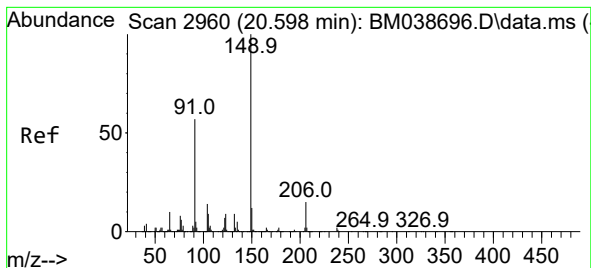
Ion Ratio Lower Upper

202 100

101 6.0 7.5 11.3#

100 4.9 6.0 9.0#





#83

Butylbenzylphthalate

Concen: 379.210 ng/ul

RT: 20.609 min Scan# 2962

Delta R.T. 0.012 min

Lab File: BM038699.D

Acq: 06 Feb 2023 19:08

Instrument :

BNA_M

ClientSampleId :

SSTD160038

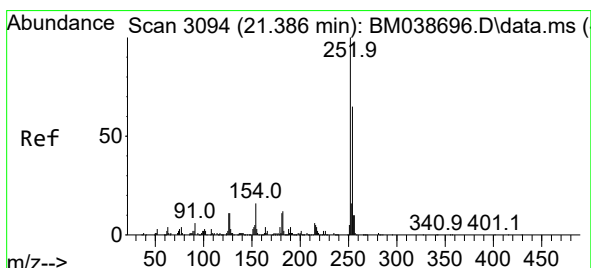
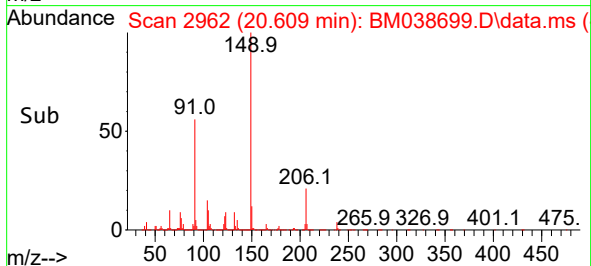
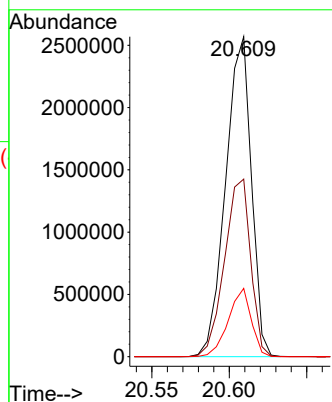
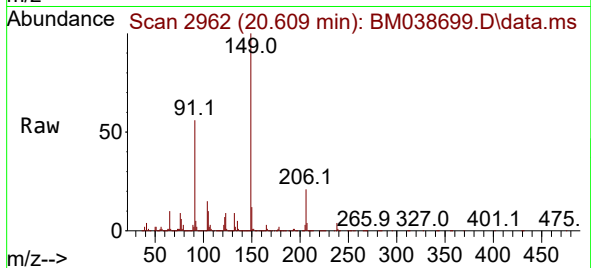
Tgt Ion:149 Resp: 2960595

Ion Ratio Lower Upper

149 100

91 55.5 45.8 68.8

206 21.3 12.3 18.5#



#84

3,3'-Dichlorobenzidine

Concen: 169.971 ng/ul

RT: 21.397 min Scan# 3096

Delta R.T. 0.012 min

Lab File: BM038699.D

Acq: 06 Feb 2023 19:08

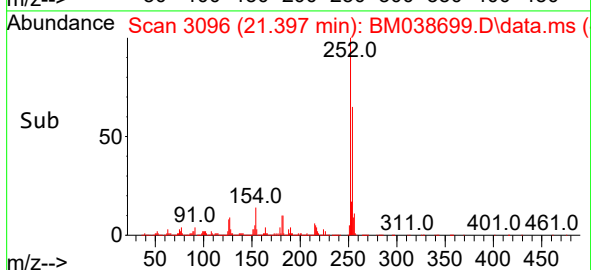
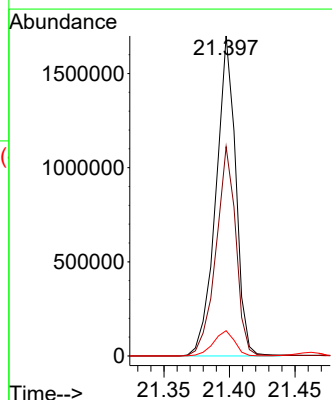
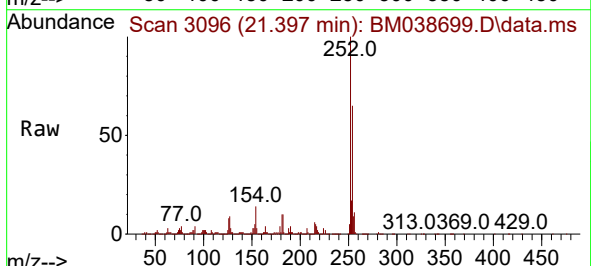
Tgt Ion:252 Resp: 1783163

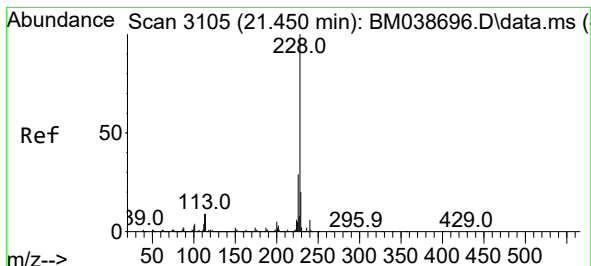
Ion Ratio Lower Upper

252 100

254 65.4 51.6 77.4

126 7.9 8.6 13.0#





#85

Benzo(a)anthracene

Concen: 195.644 ng/ul

RT: 21.462 min Scan# 3107

Delta R.T. 0.012 min

Lab File: BM038699.D

Acq: 06 Feb 2023 19:08

Instrument :

BNA_M

ClientSampleId :

SSTD160038

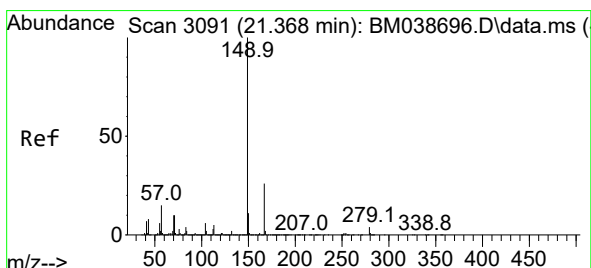
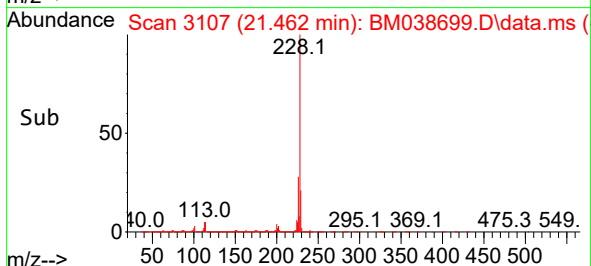
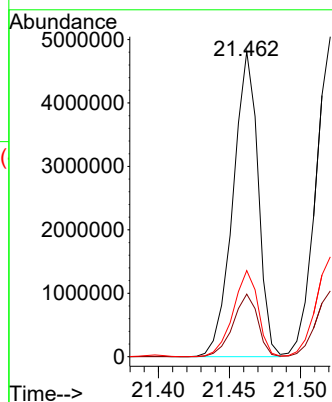
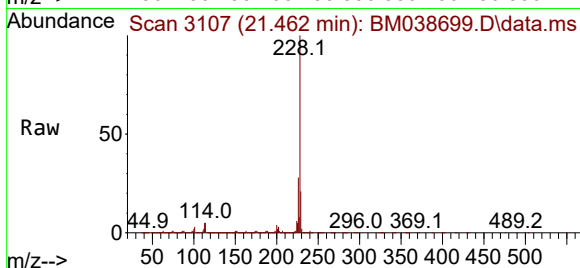
Tgt Ion:228 Resp: 5918446

Ion Ratio Lower Upper

228 100

229 20.5 15.6 23.4

226 28.2 23.0 34.4



#86

Bis(2-ethylhexyl)phthalate

Concen: 400.207 ng/ul

RT: 21.374 min Scan# 3092

Delta R.T. 0.006 min

Lab File: BM038699.D

Acq: 06 Feb 2023 19:08

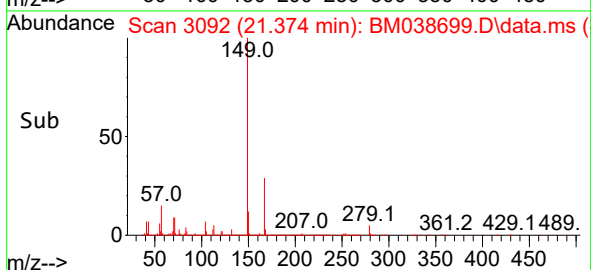
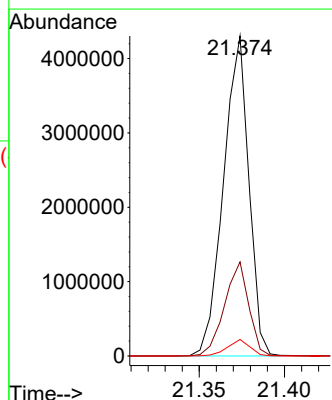
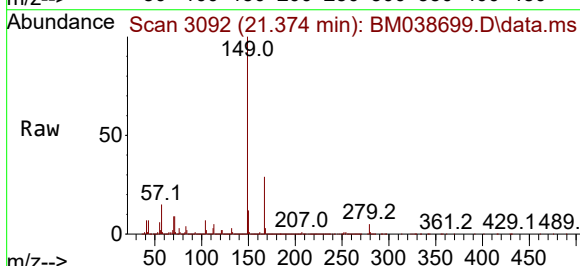
Tgt Ion:149 Resp: 4445940

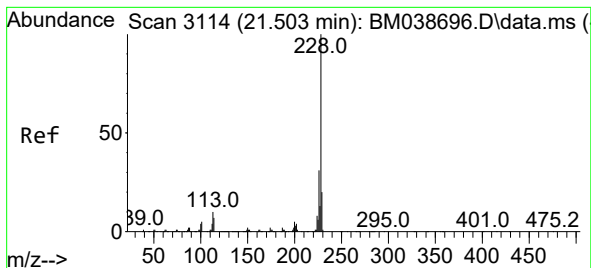
Ion Ratio Lower Upper

149 100

167 29.4 21.2 31.8

279 5.2 2.9 4.3#





#87

Chrysene

Concen: 197.882 ng/ul

RT: 21.521 min Scan# 3114

Delta R.T. 0.018 min

Lab File: BM038699.D

Acq: 06 Feb 2023 19:08

Instrument :

BNA_M

ClientSampleId :

SSTD160038

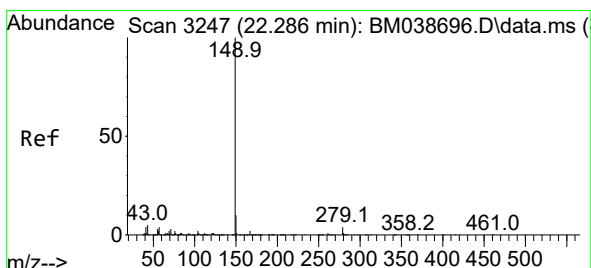
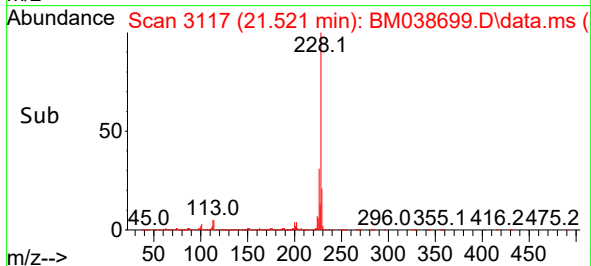
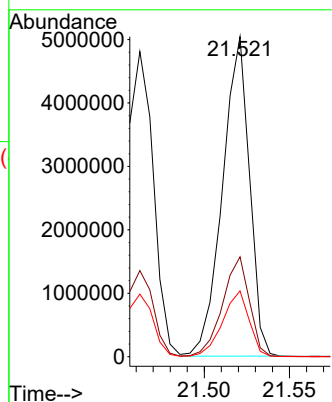
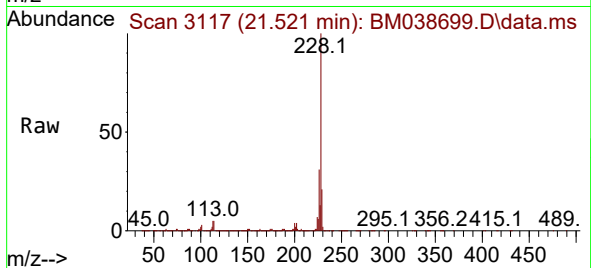
Tgt Ion:228 Resp: 5540784

Ion Ratio Lower Upper

228 100

226 31.2 24.6 37.0

229 20.5 15.8 23.6



#89

Di-n-octyl phthalate

Concen: 459.332 ng/ul

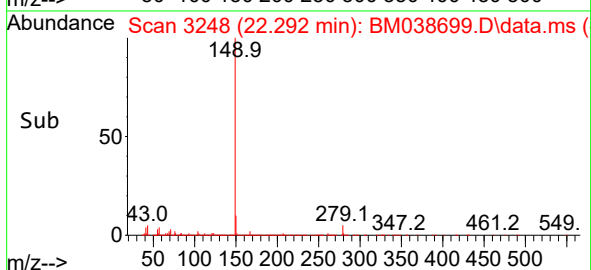
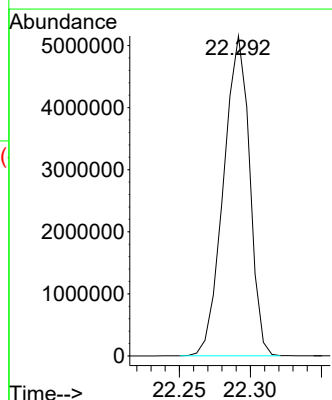
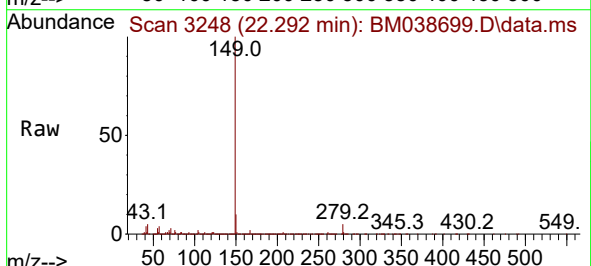
RT: 22.292 min Scan# 3248

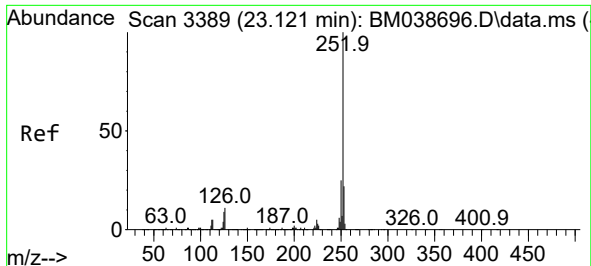
Delta R.T. 0.006 min

Lab File: BM038699.D

Acq: 06 Feb 2023 19:08

Tgt Ion:149 Resp: 6569422

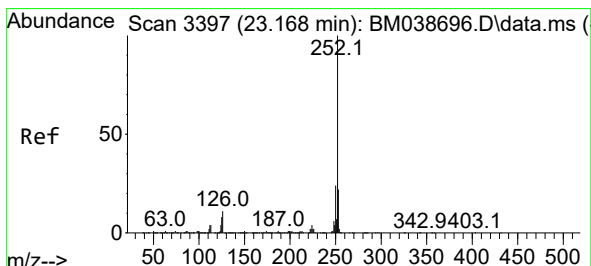
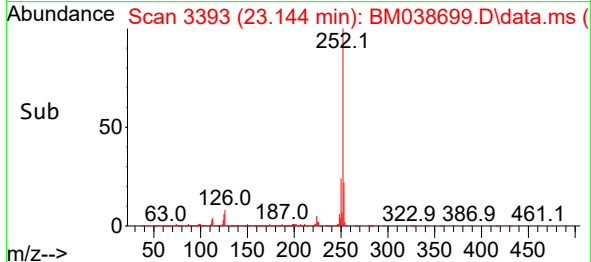
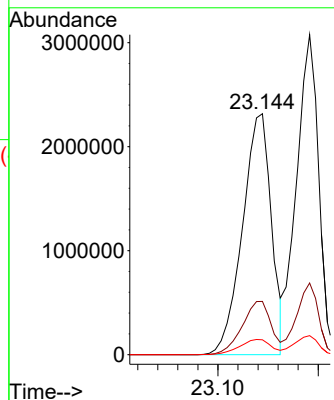
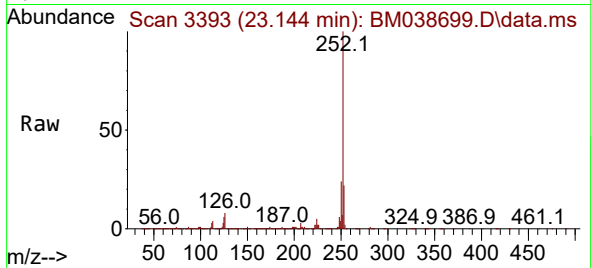




#90
Benzo(b)fluoranthene
Concen: 221.726 ng/ul
RT: 23.144 min Scan# 31
Delta R.T. 0.023 min
Lab File: BM038699.D
Acq: 06 Feb 2023 19:08

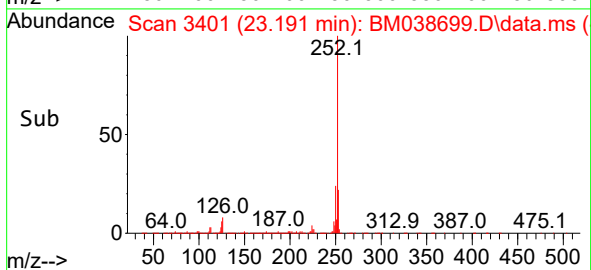
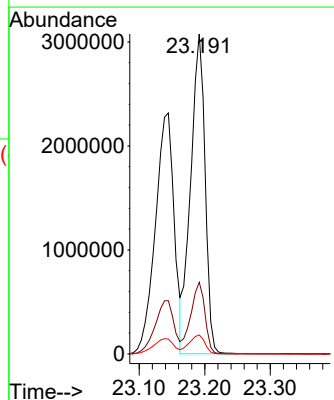
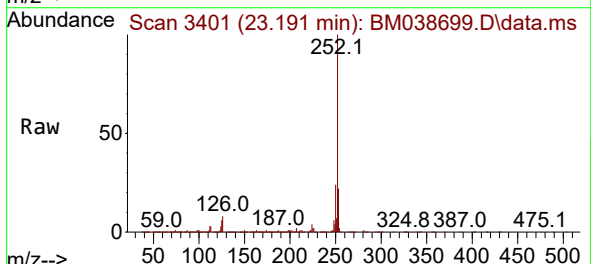
Instrument :
BNA_M
ClientSampleId :
SSTD160038

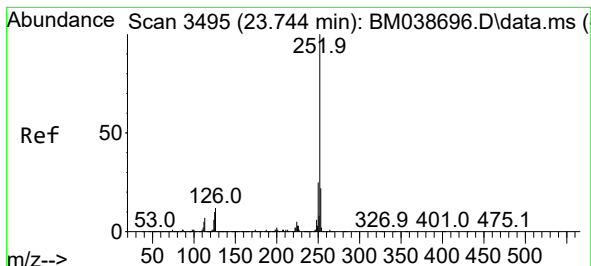
Tgt Ion:252 Resp: 4629310
Ion Ratio Lower Upper
252 100
253 22.1 18.1 27.1
125 6.2 7.0 10.6#



#91
Benzo(k)fluoranthene
Concen: 226.279 ng/ul
RT: 23.191 min Scan# 3401
Delta R.T. 0.023 min
Lab File: BM038699.D
Acq: 06 Feb 2023 19:08

Tgt Ion:252 Resp: 4709094
Ion Ratio Lower Upper
252 100
253 22.4 17.4 26.0
125 6.0 6.6 10.0#





#93

Benzo(a)pyrene

Concen: 200.601 ng/ul

RT: 23.774 min Scan# 3

Delta R.T. 0.029 min

Lab File: BM038699.D

Acq: 06 Feb 2023 19:08

Instrument :

BNA_M

ClientSampleId :

SSTD160038

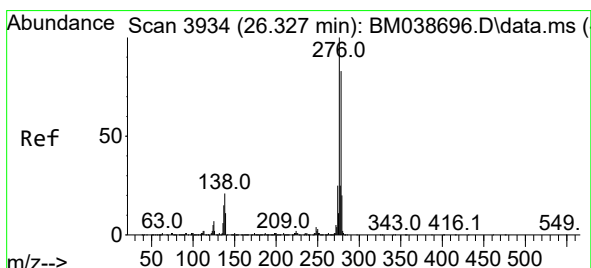
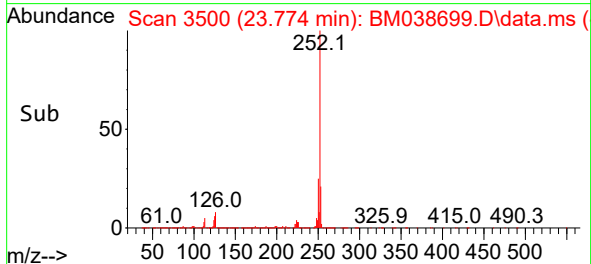
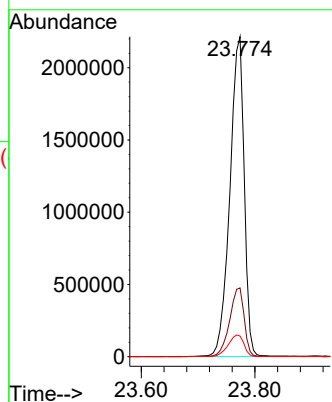
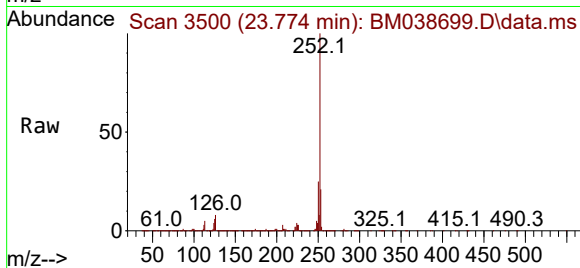
Tgt Ion:252 Resp: 3878571

Ion Ratio Lower Upper

252 100

253 21.5 17.6 26.4

125 6.4 8.2 12.2#



#94

Indeno(1,2,3-cd)pyrene

Concen: 163.920 ng/ul

RT: 26.379 min Scan# 3943

Delta R.T. 0.053 min

Lab File: BM038699.D

Acq: 06 Feb 2023 19:08

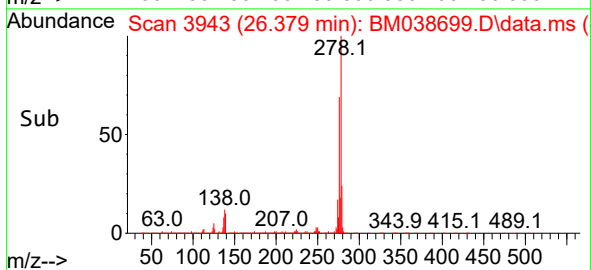
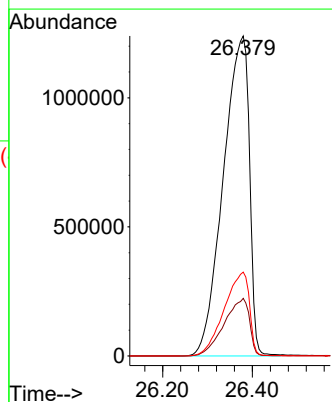
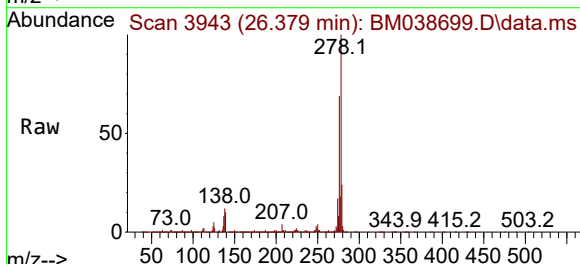
Tgt Ion:276 Resp: 5009734

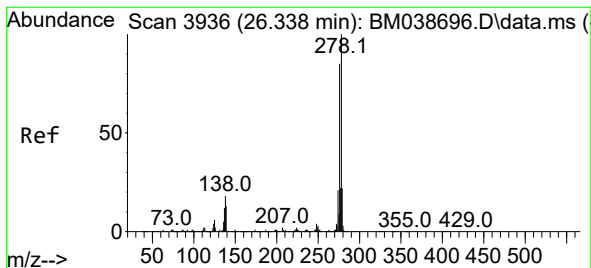
Ion Ratio Lower Upper

276 100

138 18.0 16.7 25.1

277 26.2 20.0 30.0





#95

Dibenzo(a,h)anthracene

Concen: 171.246 ng/ul

RT: 26.385 min Scan# 3936

Delta R.T. 0.047 min

Lab File: BM038699.D

Acq: 06 Feb 2023 19:08

Instrument :

BNA_M

ClientSampleId :

SSTD160038

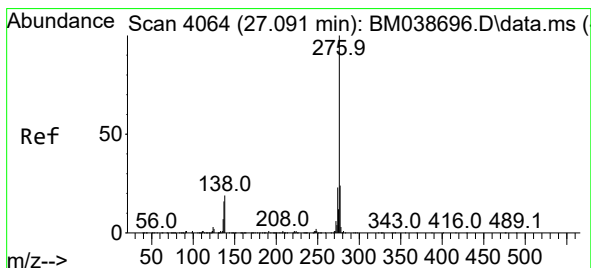
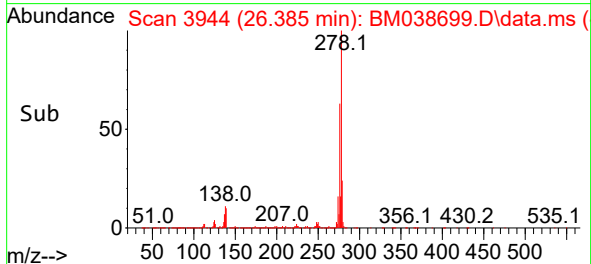
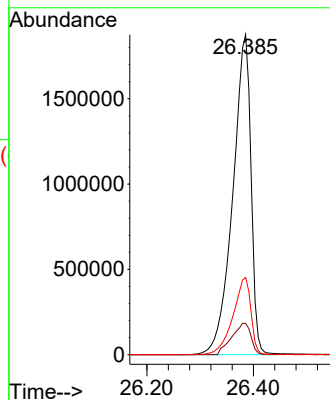
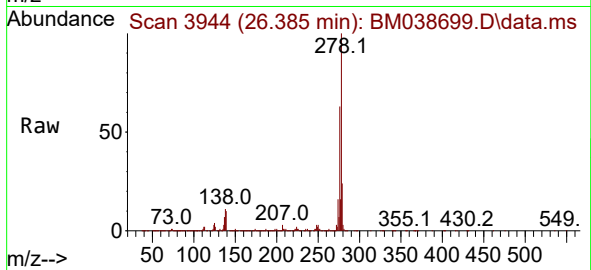
Tgt Ion:278 Resp: 4441868

Ion Ratio Lower Upper

278 100

139 9.7 10.7 16.1#

279 24.1 17.4 26.2



#96

Benzo(g,h,i)perylene

Concen: 151.067 ng/ul

RT: 27.138 min Scan# 4072

Delta R.T. 0.047 min

Lab File: BM038699.D

Acq: 06 Feb 2023 19:08

Tgt Ion:276 Resp: 3747384

Ion Ratio Lower Upper

276 100

138 16.3 15.4 23.0

277 24.1 19.2 28.8

