

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020623\
 Data File : BM038694.D
 Acq On : 06 Feb 2023 16:04
 Operator : CG/JU
 Sample : SSTD00527
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD005033

Quant Time: Feb 07 00:51:29 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	66711	20.000	ng/u1	0.00
20) Naphthalene-d8	10.716	136	262876	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.545	164	217019	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.292	188	493719	20.000	ng/u1	0.00
79) Chrysene-d12	21.468	240	430419	20.000	ng/u1	0.00
88) Perylene-d12	23.850	264	500614	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.281	96	2632	1.407	ng/uL	0.00
4) Pyridine-d5	3.728	84	12611	2.692	ng/u1	0.01
7) Phenol-d5	7.087	99	17485	3.927	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.240	67	10399	4.001	ng/u1	0.00
11) 2-Chlorophenol-d4	7.440	132	17406	4.713	ng/u1	0.00
15) 4-Methylphenol-d8	8.634	113	15528	4.370	ng/u1	0.00
21) Nitrobenzene-d5	9.081	128	8686	4.359	ng/u1	0.00
24) 2-Nitrophenol-d4	9.804	143	11557	4.392	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.351	165	23812	4.089	ng/u1	0.00
31) 4-Chloroaniline-d4	10.869	131	26775	4.731	ng/u1	0.00
46) Dimethylphthalate-d6	13.963	166	83131	4.637	ng/u1	0.00
49) Acenaphthylene-d8	14.239	160	87022	4.562	ng/u1	0.00
54) 4-Nitrophenol-d4	14.780	143	10450	4.214	ng/u1	0.00
60) Fluorene-d10	15.539	176	69551	4.338	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.668	200	10514	2.488	ng/u1	0.00
73) Anthracene-d10	17.386	188	108279	4.357	ng/u1	0.00
81) Pyrene-d10	19.680	212	111963	5.048	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.697	264	117538	4.574	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.316	88	2625	1.302	ng/uL	91
5) Pyridine	3.752	79	14348	2.982	ng/u1	94
6) Benzaldehyde	7.051	77	8101	3.946	ng/u1	95
8) Phenol	7.116	94	17836	4.001	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.334	93	14766	4.635	ng/u1	93
12) 2-Chlorophenol	7.475	128	16756	4.522	ng/u1	97
13) 2-Methylphenol	8.369	108	14893	4.397	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.440	45	14508	4.408	ng/u1#	92
16) Acetophenone	8.739	105	26878	4.282	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.722	70	12566	4.356	ng/u1	96
18) 4-Methylphenol	8.698	108	16967	4.719	ng/u1	100
19) Hexachloroethane	8.981	117	7586	4.059	ng/u1	96
22) Nitrobenzene	9.122	77	19346	3.226	ng/u1	95
23) Isophorone	9.645	82	37014	4.079	ng/u1	99
25) 2-Nitrophenol	9.834	139	11401	4.371	ng/u1	95
26) 2,4-Dimethylphenol	9.898	107	20209	3.567	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.134	93	22840	4.936	ng/u1	98
29) 2,4-Dichlorophenol	10.381	162	23372	4.222	ng/u1	99
30) Naphthalene	10.769	128	59718	4.579	ng/u1	99
32) 4-Chloroaniline	10.892	127	26030	4.583	ng/u1	96
33) Hexachlorobutadiene	11.039	225	12759	2.218	ng/u1	93
34) Caprolactam	11.680	113	5068	4.654	ng/u1	96
35) 4-Chloro-3-methylphenol	12.022	107	18701	4.277	ng/u1	95
36) 2-Methylnaphthalene	12.375	142	46905	4.835	ng/u1	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.592	142	48622	4.855	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	12.739	216	23456	2.196	ng/ul	97
40) Hexachlorocyclopentadiene	12.710	237	7177	0.941	ng/ul#	83
41) 2,4,6-Trichlorophenol	12.992	196	18414	2.831	ng/ul	99
42) 2,4,5-Trichlorophenol	13.069	196	21193	3.051	ng/ul	97
43) 1,1'-Biphenyl	13.386	154	73668	4.415	ng/ul	100
44) 2-Chloronaphthalene	13.427	162	59511	4.293	ng/ul	96
45) 2-Nitroaniline	13.645	65	10498	2.831	ng/ul	83
47) Dimethylphthalate	14.010	163	80516	4.564	ng/ul	98
48) 2,6-Dinitrotoluene	14.139	165	14579	4.463	ng/ul#	92
50) Acenaphthylene	14.269	152	91086	4.775	ng/ul	99
51) 3-Nitroaniline	14.469	138	11411	4.852	ng/ul	99
52) Acenaphthene	14.610	153	64464	4.540	ng/ul	95
53) 2,4-Dinitrophenol	14.680	184	5948	2.265	ng/ul	94
55) 4-Nitrophenol	14.798	109	9421	2.264	ng/ul	100
56) Dibenzofuran	14.945	168	94964	4.497	ng/ul	99
57) 2,4-Dinitrotoluene	14.921	165	21537	4.473	ng/ul#	97
58) 2,3,4,6-Tetrachlorophenol	15.180	232	15334	2.521	ng/ul	98
59) Diethylphthalate	15.363	149	80546	4.871	ng/ul	98
61) Fluorene	15.592	166	79783	4.486	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.586	204	34114	2.726	ng/ul	98
63) 4-Nitroaniline	15.633	138	7355	3.794	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.680	198	10675	2.676	ng/ul#	94
67) N-Nitrosodiphenylamine	15.804	169	66510	4.778	ng/ul	100
68) 4-Bromophenyl-phenylether	16.480	248	21411	3.078	ng/ul	89
69) Hexachlorobenzene	16.592	284	26801	3.300	ng/ul	96
70) Atrazine	16.757	200	22991	3.292	ng/ul	98
71) Pentachlorophenol	16.945	266	13233	2.547	ng/ul	90
72) Phenanthrene	17.333	178	130198	5.046	ng/ul	99
74) Anthracene	17.421	178	130712	4.838	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.351	216	23512	2.478	ng/uL	93
76) Pentachlorobenzene	14.863	250	27468	2.782	ng/uL	88
77) Carbazole	17.704	167	116973	4.988	ng/ul	99
78) Di-n-butylphthalate	18.251	149	157071	6.923	ng/ul	100
80) Fluoranthene	19.345	202	144397	5.617	ng/ul	98
82) Pyrene	19.709	202	149732	5.488	ng/ul	98
83) Butylbenzylphthalate	20.598	149	75469	9.591	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.392	252	40107	3.793	ng/ul	98
85) Benzo(a)anthracene	21.450	228	135494	4.444	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.368	149	115727	10.336	ng/ul	97
87) Chrysene	21.503	228	124187	4.400	ng/ul	99
89) Di-n-octyl phthalate	22.286	149	201279	9.494	ng/ul	100
90) Benzo(b)fluoranthene	23.121	252	145273	4.694	ng/ul	99
91) Benzo(k)fluoranthene	23.168	252	144078	4.670	ng/ul	97
93) Benzo(a)pyrene	23.744	252	123548	4.311	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.327	276	155976	3.443	ng/ul	98
95) Dibenzo(a,h)anthracene	26.338	278	125319	3.259	ng/ul	94
96) Benzo(g,h,i)perylene	27.091	276	128148	3.485	ng/ul	98

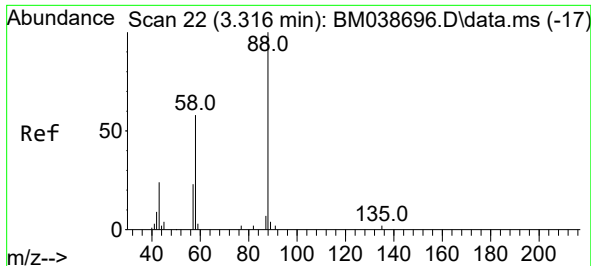
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BNA M

ClientSampleId :

SSTD005033

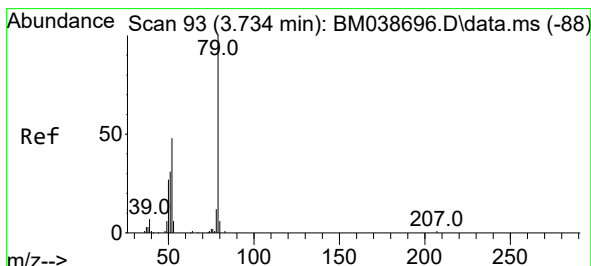
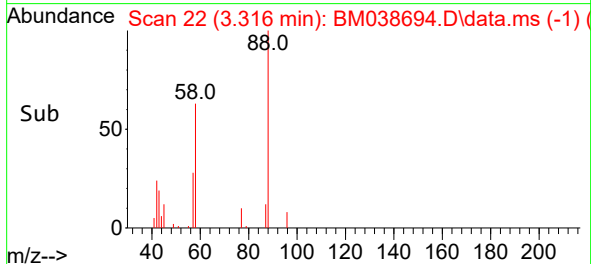
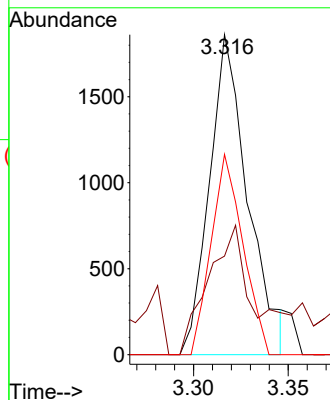
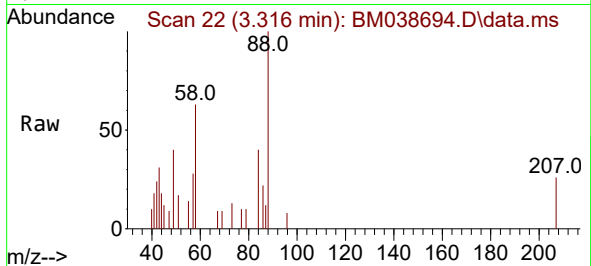
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#2
 1,4-Dioxane
 Concen: 1.302 ng/uL
 RT: 3.316 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BM038694.D
 Acq: 06 Feb 2023 16:04

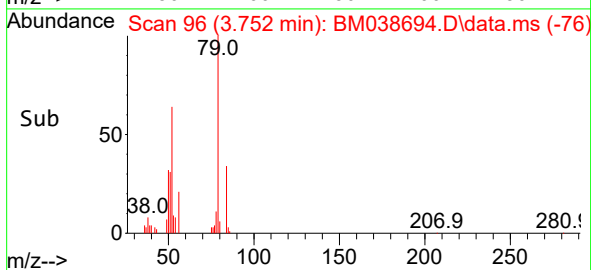
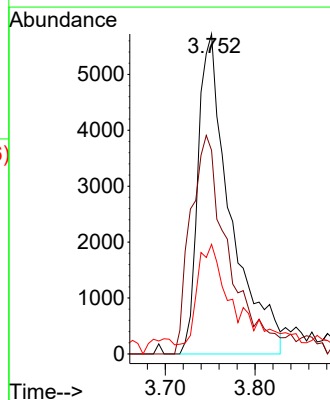
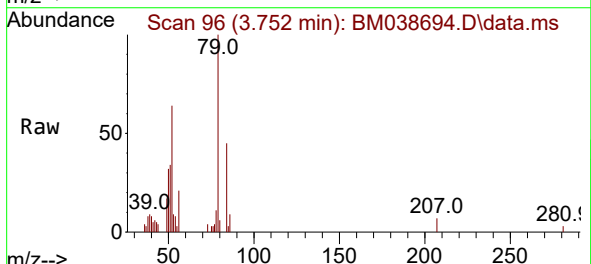
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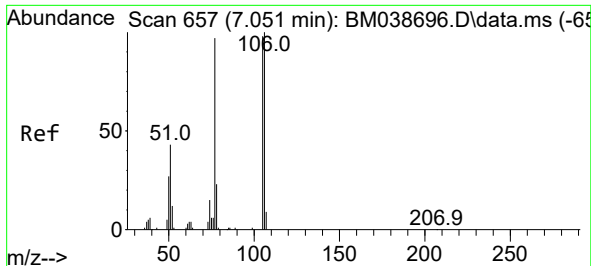
Tgt Ion:	88	Resp:	2625
Ion	Ratio	Lower	Upper
88	100		
43	30.8	20.6	30.8
58	62.6	45.4	68.2



#5
 Pyridine
 Concen: 2.982 ng/uL
 RT: 3.752 min Scan# 96
 Delta R.T. 0.018 min
 Lab File: BM038694.D
 Acq: 06 Feb 2023 16:04

Tgt Ion:	79	Resp:	14348
Ion	Ratio	Lower	Upper
79	100		
52	63.6	46.8	70.2
51	34.3	25.5	38.3

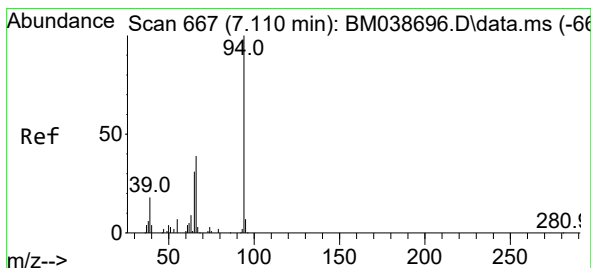
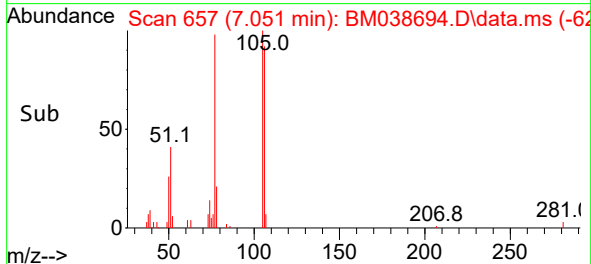
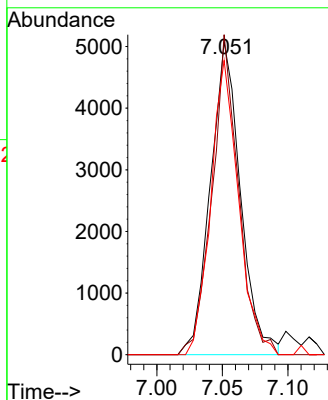
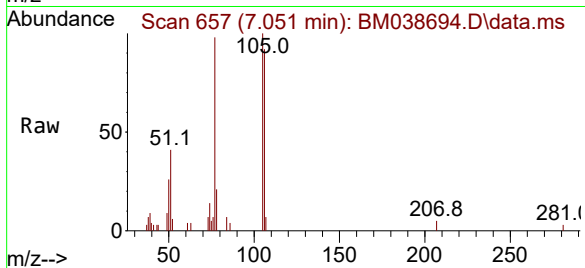




#6
Benzaldehyde
Concen: 3.946 ng/ul
RT: 7.051 min Scan# 657
Delta R.T. -0.000 min
Lab File: BM038694.D
Acq: 06 Feb 2023 16:04

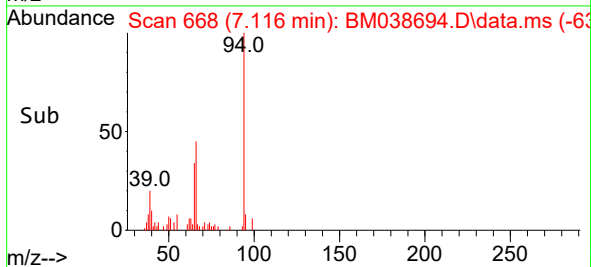
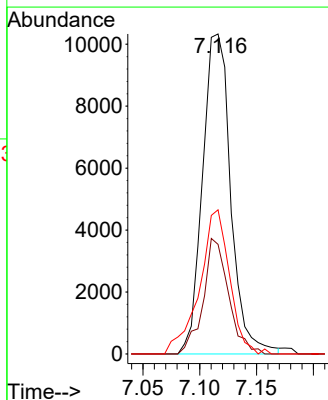
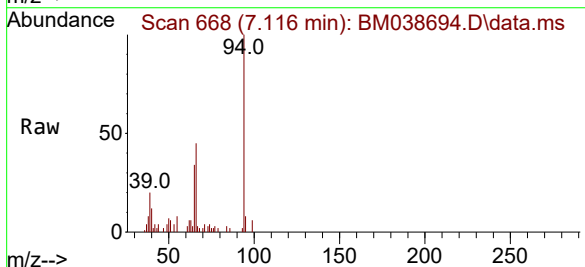
Instrument :
BNA_M
ClientSampleId :
SSTD005033

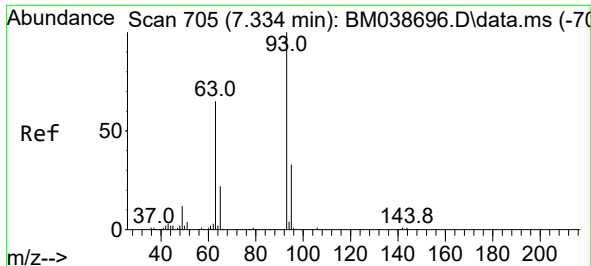
Tgt Ion: 77 Resp: 8101
Ion Ratio Lower Upper
77 100
105 102.3 80.6 121.0
106 94.1 82.3 123.5



#8
Phenol
Concen: 4.001 ng/ul
RT: 7.116 min Scan# 668
Delta R.T. 0.006 min
Lab File: BM038694.D
Acq: 06 Feb 2023 16:04

Tgt Ion: 94 Resp: 17836
Ion Ratio Lower Upper
94 100
65 34.2 25.7 38.5
66 45.1 34.3 51.5





#10

Bis(2-Chloroethyl)ether

Concen: 4.635 ng/ul

RT: 7.334 min Scan# 705

Delta R.T. -0.000 min

Lab File: BM038694.D

Acq: 06 Feb 2023 16:04

Instrument :

BNA_M

ClientSampleId :

SSTD005033

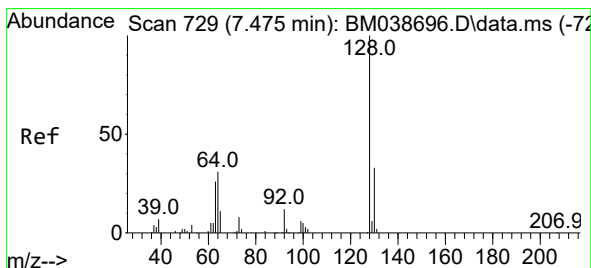
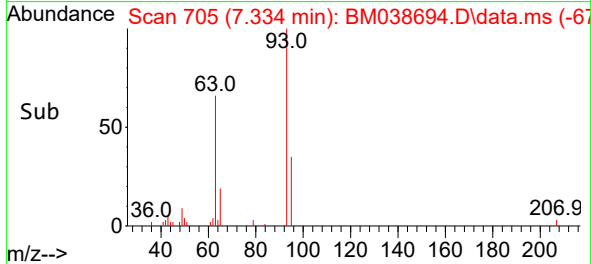
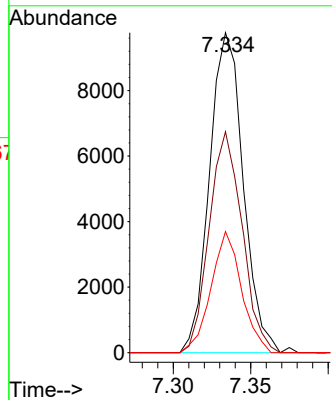
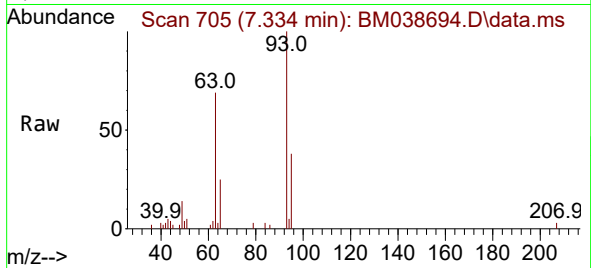
Tgt Ion: 93 Resp: 14766

Ion Ratio Lower Upper

93 100

63 69.0 51.7 77.5

95 37.8 26.5 39.7



#12

2-Chlorophenol

Concen: 4.522 ng/ul

RT: 7.475 min Scan# 729

Delta R.T. -0.000 min

Lab File: BM038694.D

Acq: 06 Feb 2023 16:04

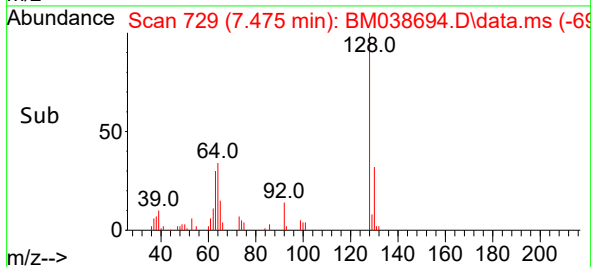
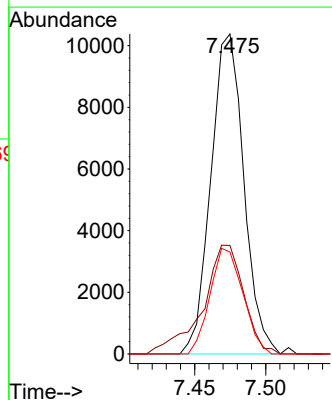
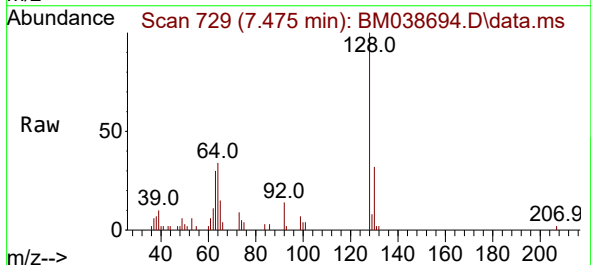
Tgt Ion: 128 Resp: 16756

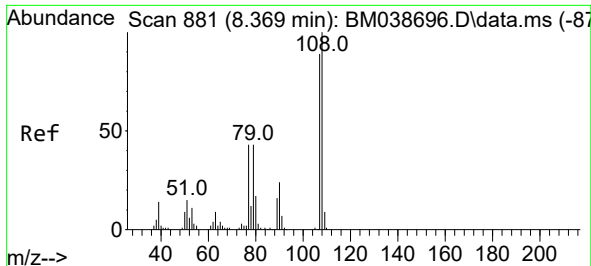
Ion Ratio Lower Upper

128 100

64 33.9 28.8 43.2

130 31.9 26.3 39.5





#13

2-Methylphenol

Concen: 4.397 ng/ul

RT: 8.369 min Scan# 881

Delta R.T. -0.000 min

Lab File: BM038694.D

Acq: 06 Feb 2023 16:04

Instrument :

BNA_M

ClientSampleId :

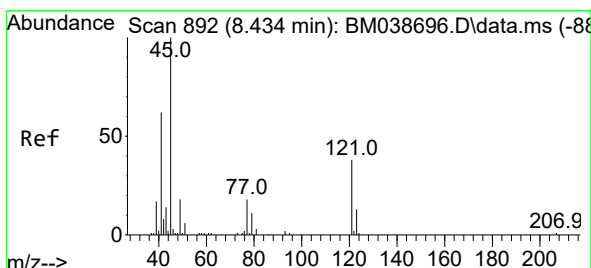
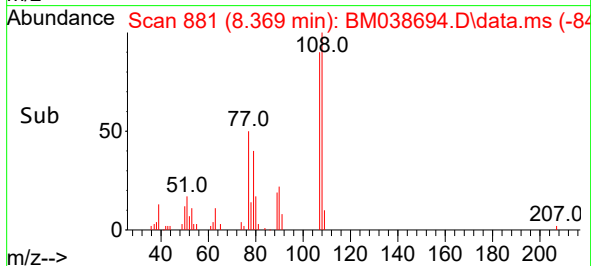
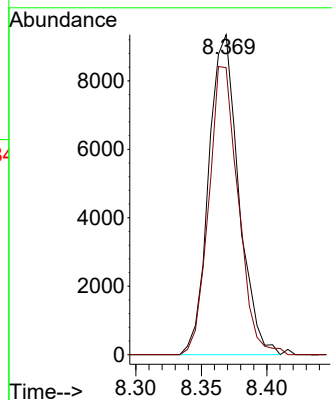
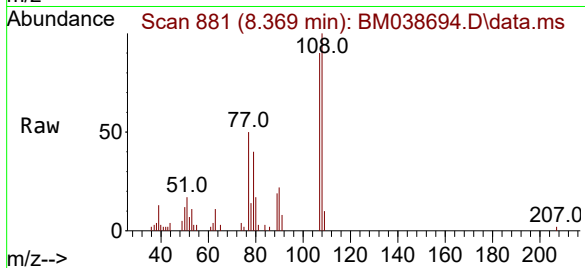
SSTD005033

Tgt Ion:108 Resp: 14893

Ion Ratio Lower Upper

108 100

107 89.7 71.6 107.4



#14

2,2'-oxybis(1-Chloropropane)

Concen: 4.408 ng/ul

RT: 8.440 min Scan# 893

Delta R.T. 0.006 min

Lab File: BM038694.D

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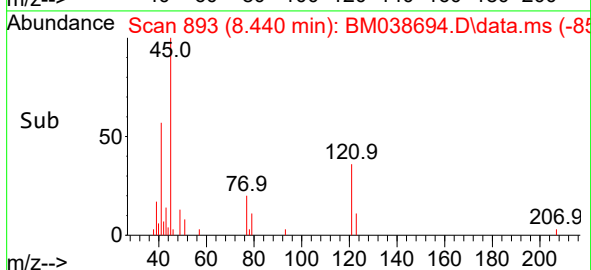
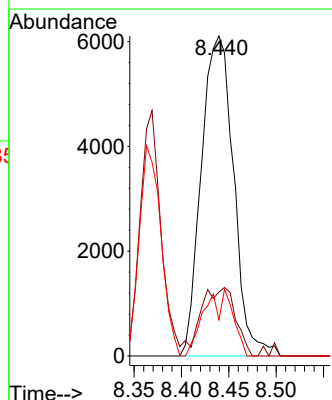
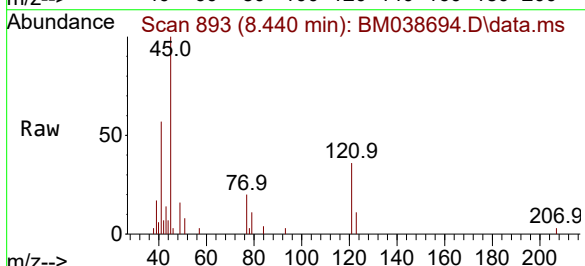
Tgt Ion: 45 Resp: 14508

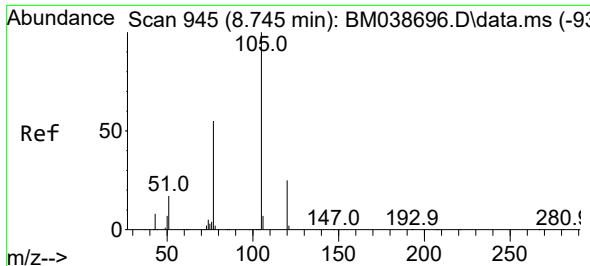
Ion Ratio Lower Upper

45 100

77 20.0 18.2 27.2

79 11.3 12.6 19.0#

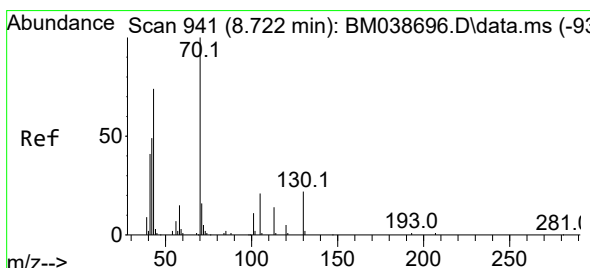
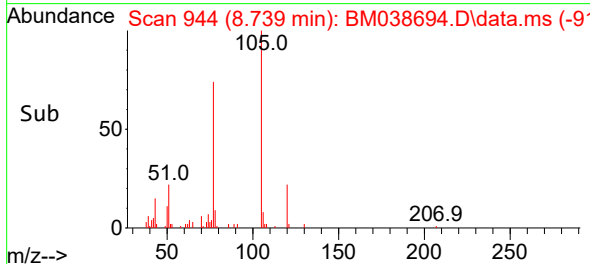
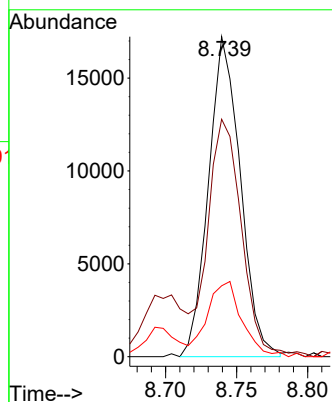
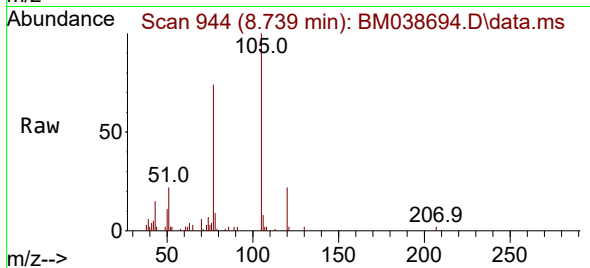




#16
Acetophenone
Concen: 4.282 ng/ul
RT: 8.739 min Scan# 945
Delta R.T. -0.006 min
Lab File: BM038694.D
Acq: 06 Feb 2023 16:04

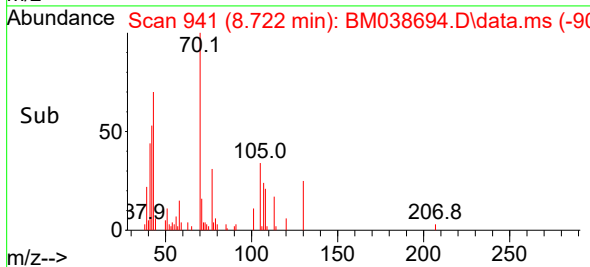
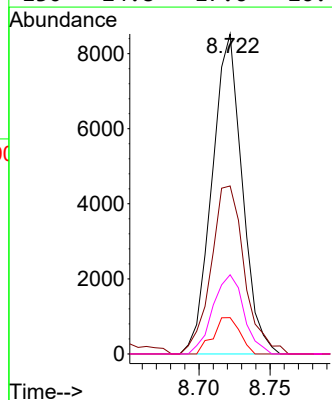
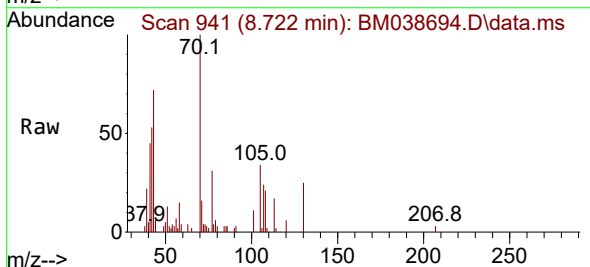
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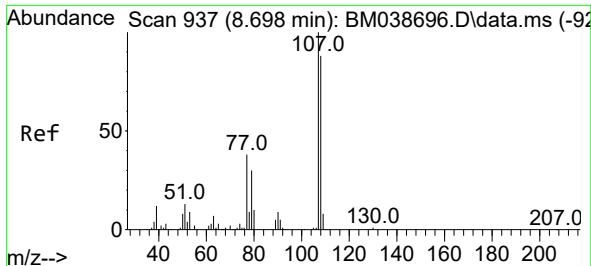
Tgt Ion:105 Resp: 26878
Ion Ratio Lower Upper
105 100
77 74.2 59.8 89.6
51 22.1 18.2 27.2



#17
N-Nitroso-di-n-propylamine
Concen: 4.356 ng/ul
RT: 8.722 min Scan# 941
Delta R.T. -0.000 min
Lab File: BM038694.D
Acq: 06 Feb 2023 16:04

Tgt Ion: 70 Resp: 12566
Ion Ratio Lower Upper
70 100
42 52.5 40.1 60.1
101 11.3 8.4 12.6
130 24.8 17.6 26.4

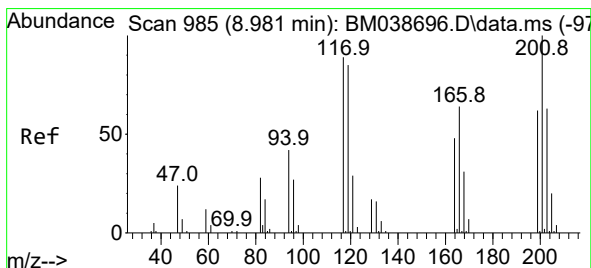
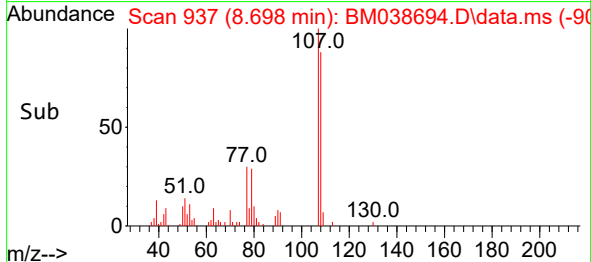
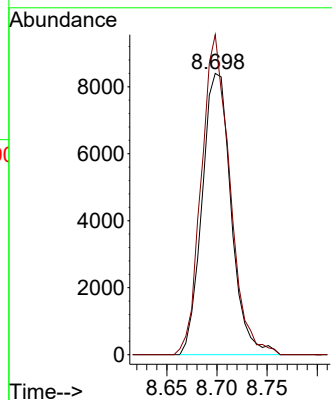
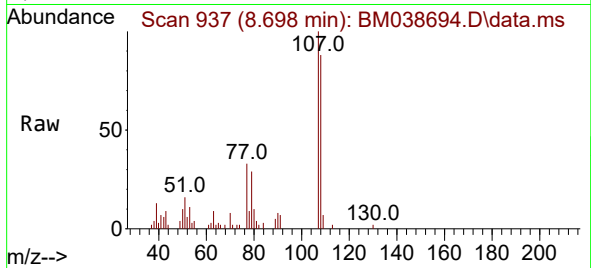




#18
4-Methylphenol
Concen: 4.719 ng/ul
RT: 8.698 min Scan# 91
Delta R.T. -0.000 min
Lab File: BM038694.D
Acq: 06 Feb 2023 16:04

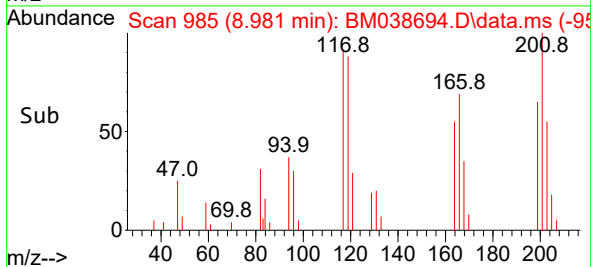
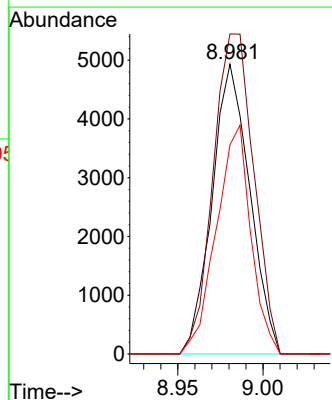
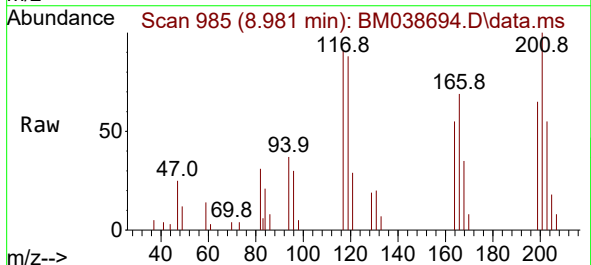
Instrument :
BNA_M
ClientSampleId :
SSTD005033

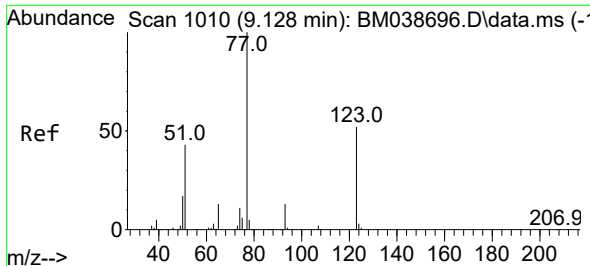
Tgt Ion:108 Resp: 16967
Ion Ratio Lower Upper
108 100
107 113.8 90.9 136.3



#19
Hexachloroethane
Concen: 4.059 ng/ul
RT: 8.981 min Scan# 985
Delta R.T. -0.000 min
Lab File: BM038694.D
Acq: 06 Feb 2023 16:04

Tgt Ion:117 Resp: 7586
Ion Ratio Lower Upper
117 100
201 110.4 91.8 137.8
199 72.1 55.8 83.8

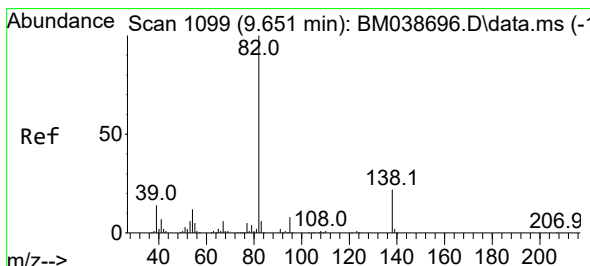
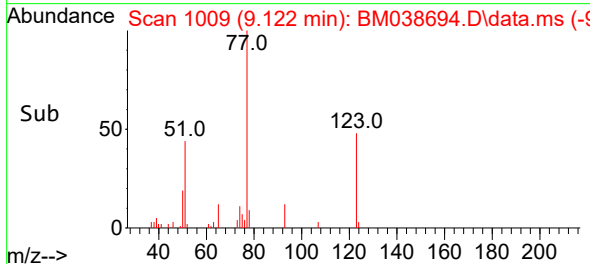
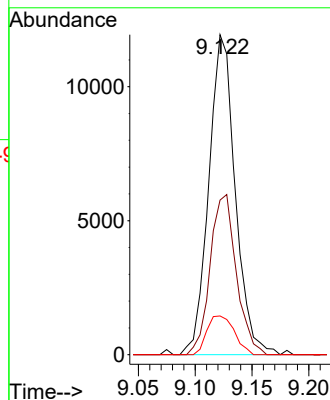
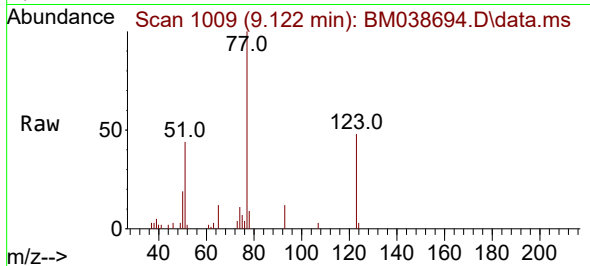




#22
Nitrobenzene
Concen: 3.226 ng/ul
RT: 9.122 min Scan# 1009
Delta R.T. -0.006 min
Lab File: BM038694.D
Acq: 06 Feb 2023 16:04

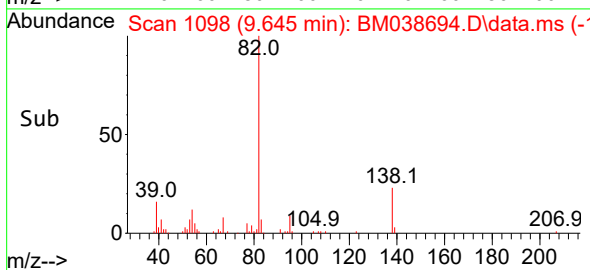
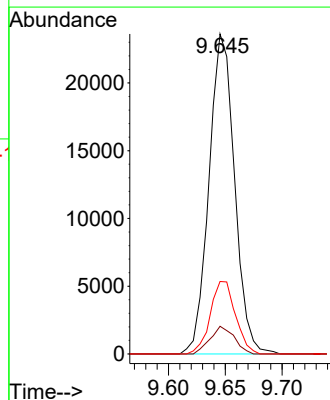
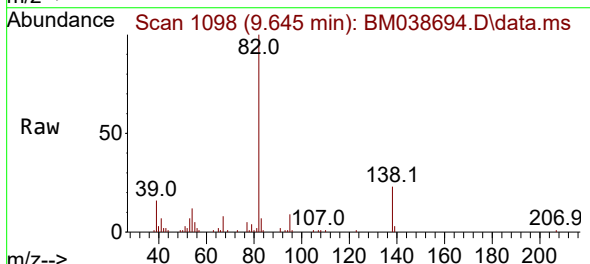
Instrument :
BNA_M
ClientSampleId :
SSTD005033

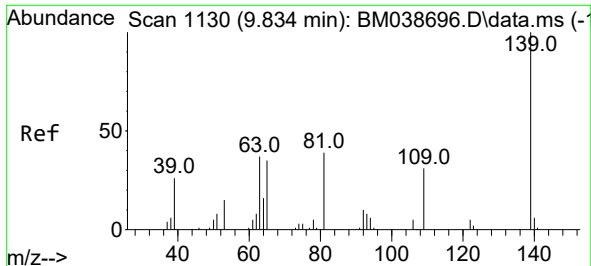
Tgt Ion: 77 Resp: 19346
Ion Ratio Lower Upper
77 100
123 48.3 41.7 62.5
65 12.1 10.4 15.6



#23
Isophorone
Concen: 4.079 ng/ul
RT: 9.645 min Scan# 1098
Delta R.T. -0.006 min
Lab File: BM038694.D
Acq: 06 Feb 2023 16:04

Tgt Ion: 82 Resp: 37014
Ion Ratio Lower Upper
82 100
95 8.7 6.7 10.1
138 22.7 17.6 26.4

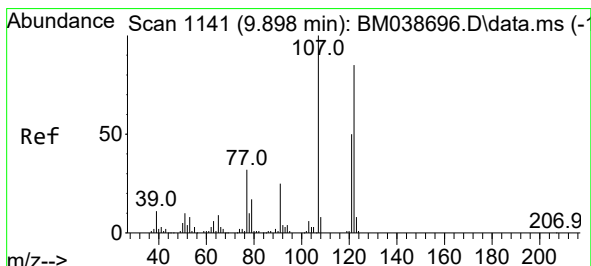
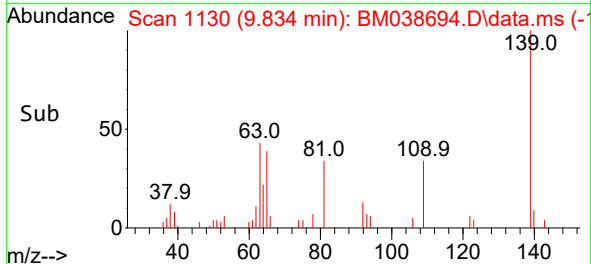
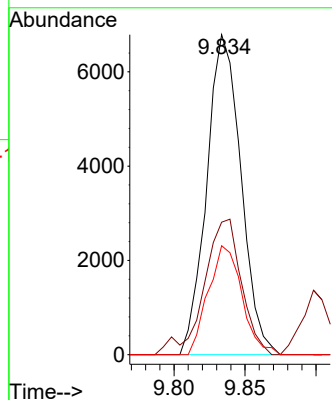
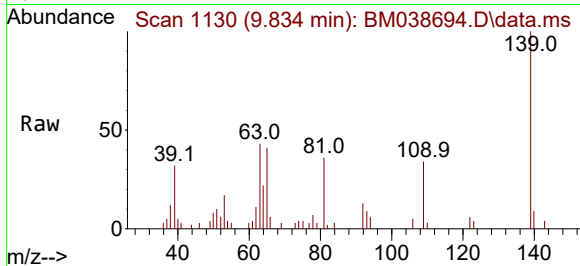




#25
2-Nitrophenol
Concen: 4.371 ng/ul
RT: 9.834 min Scan# 1130
Delta R.T. -0.000 min
Lab File: BM038694.D
Acq: 06 Feb 2023 16:04

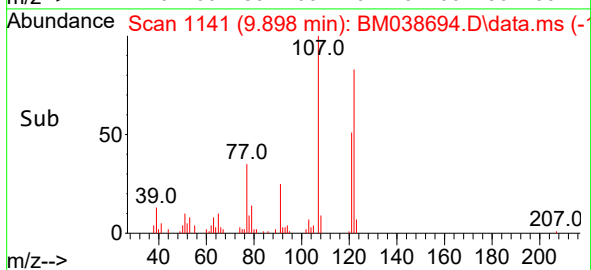
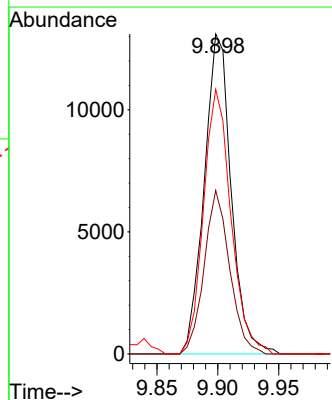
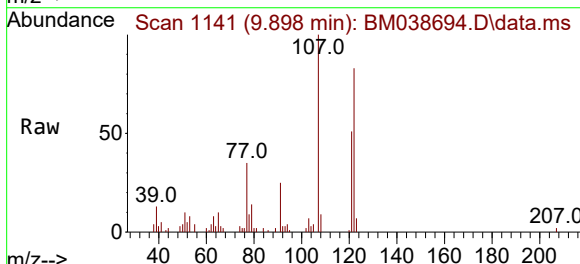
Instrument :
BNA_M
ClientSampleId :
SSTD005033

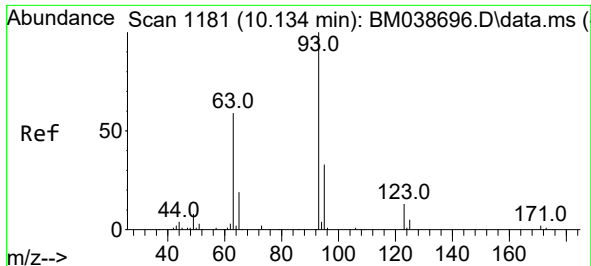
Tgt Ion:139	Resp:	11401
Ion Ratio	Lower	Upper
139	100	
65	41.4	31.0 46.4
109	34.1	24.8 37.2



#26
2,4-Dimethylphenol
Concen: 3.567 ng/ul
RT: 9.898 min Scan# 1141
Delta R.T. -0.000 min
Lab File: BM038694.D
Acq: 06 Feb 2023 16:04

Tgt Ion:107	Resp:	20209
Ion Ratio	Lower	Upper
107	100	
121	51.1	39.9 59.9
122	82.7	68.2 102.2





#27

Bis(2-Chloroethoxy)methane

Concen: 4.936 ng/ul

RT: 10.134 min Scan# 1181

Delta R.T. -0.000 min

Lab File: BM038694.D

Acq: 06 Feb 2023 16:04

Instrument :

BNA_M

ClientSampleId :

SSTD005033

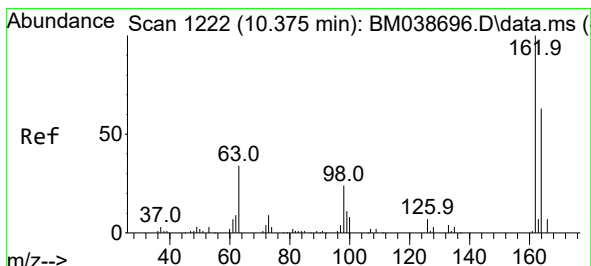
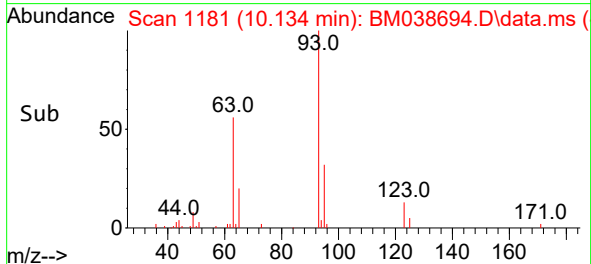
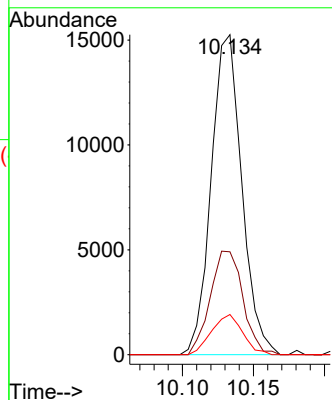
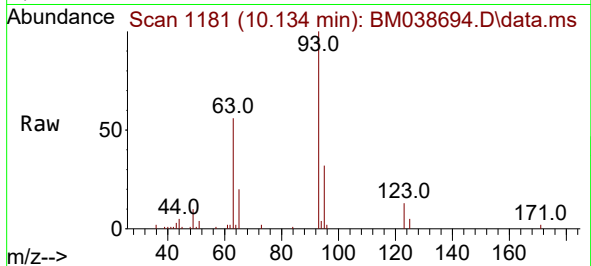
Tgt Ion: 93 Resp: 22840

Ion Ratio Lower Upper

93 100

95 32.2 26.7 40.1

123 12.6 10.2 15.2



#29

2,4-Dichlorophenol

Concen: 4.222 ng/ul

RT: 10.381 min Scan# 1223

Delta R.T. 0.006 min

Lab File: BM038694.D

Acq: 06 Feb 2023 16:04

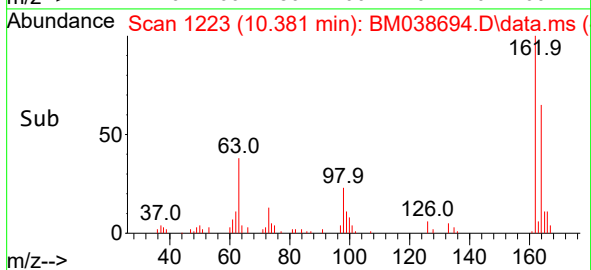
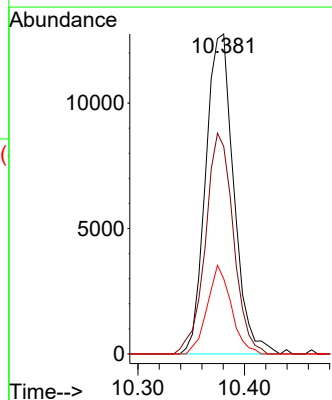
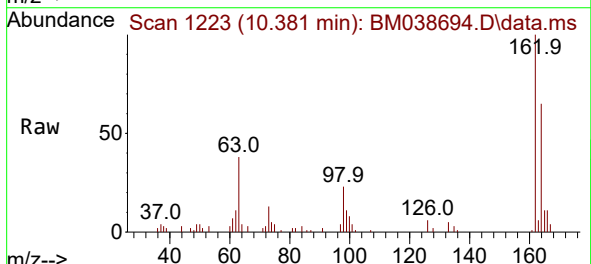
Tgt Ion:162 Resp: 23372

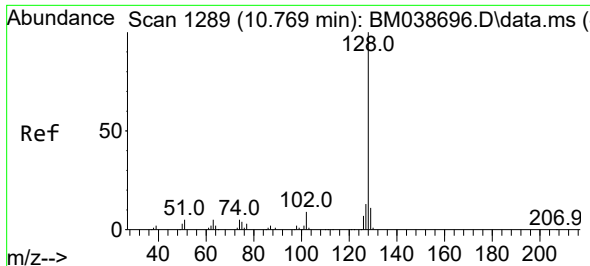
Ion Ratio Lower Upper

162 100

164 64.8 51.4 77.2

98 23.5 19.4 29.0

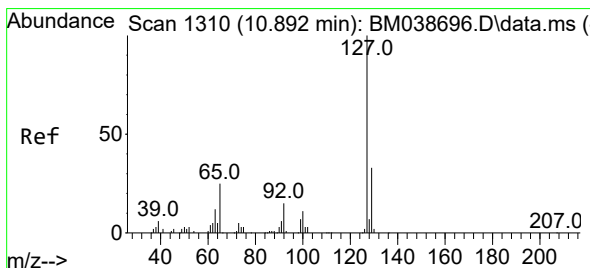
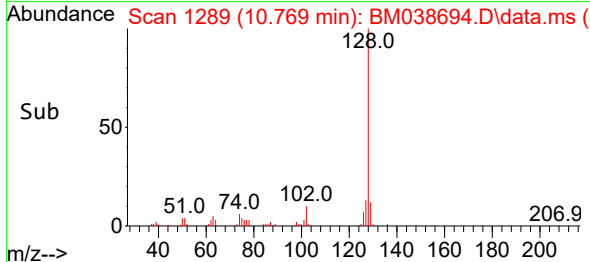
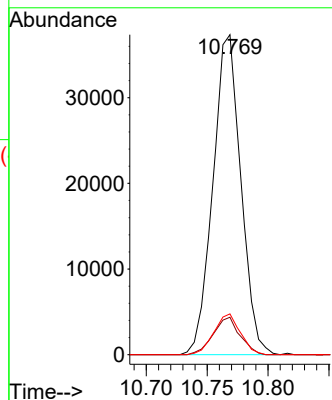
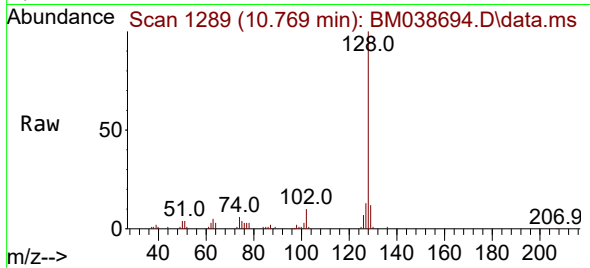




#30
Naphthalene
Concen: 4.579 ng/ul
RT: 10.769 min Scan# 1289
Delta R.T. -0.000 min
Lab File: BM038694.D
Acq: 06 Feb 2023 16:04

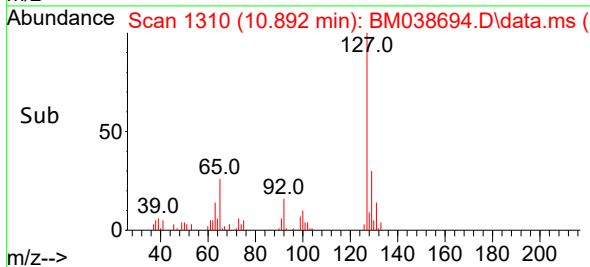
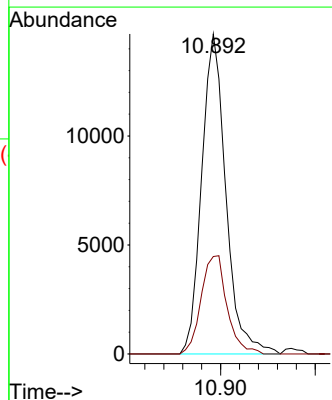
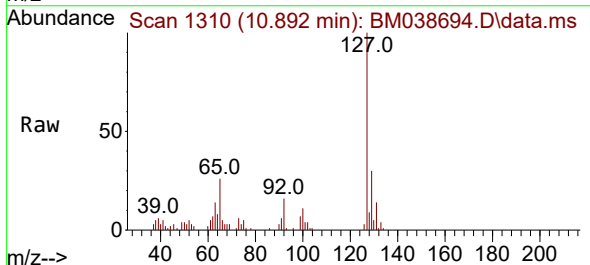
Instrument :
BNA_M
ClientSampleId :
SSTD005033

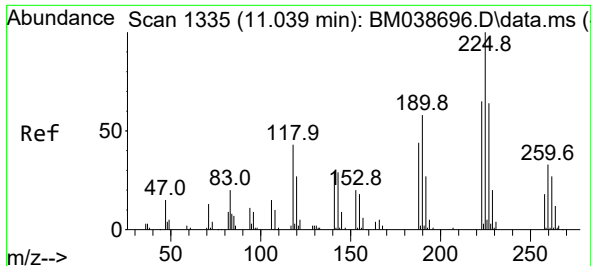
Tgt Ion:128 Resp: 59718
Ion Ratio Lower Upper
128 100
129 11.7 8.9 13.3
127 12.8 10.6 15.8



#32
4-Chloroaniline
Concen: 4.583 ng/ul
RT: 10.892 min Scan# 1310
Delta R.T. -0.000 min
Lab File: BM038694.D
Acq: 06 Feb 2023 16:04

Tgt Ion:127 Resp: 26030
Ion Ratio Lower Upper
127 100
129 30.4 26.3 39.5

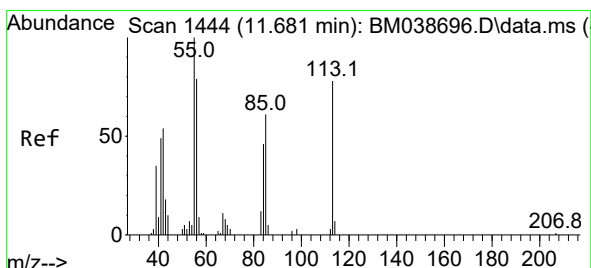
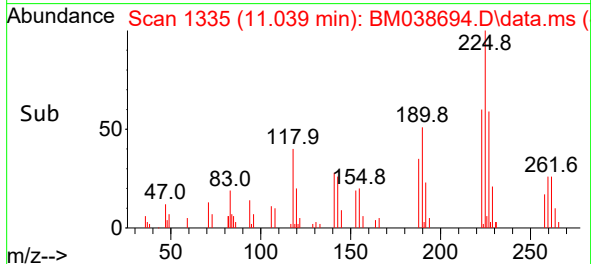
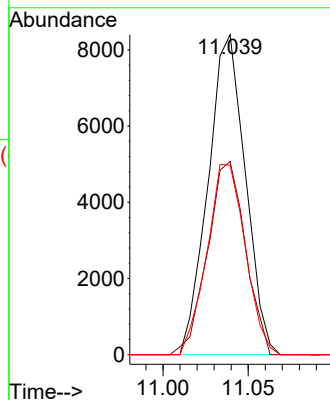
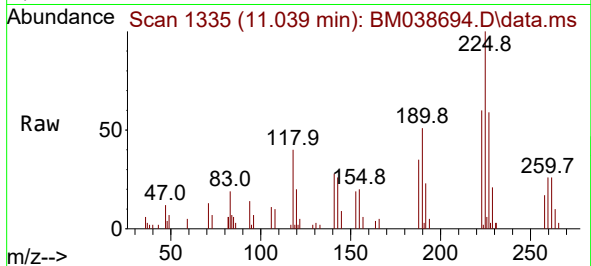




#33
Hexachlorobutadiene
Concen: 2.218 ng/ul
RT: 11.039 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM038694.D
Acq: 06 Feb 2023 16:04

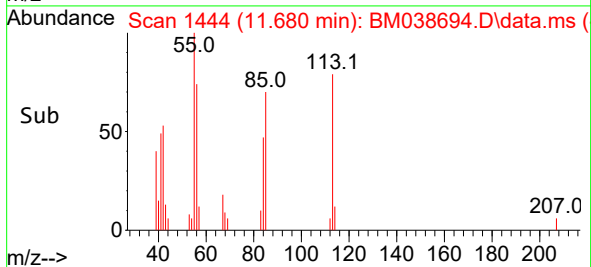
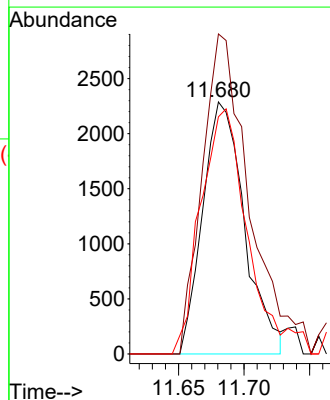
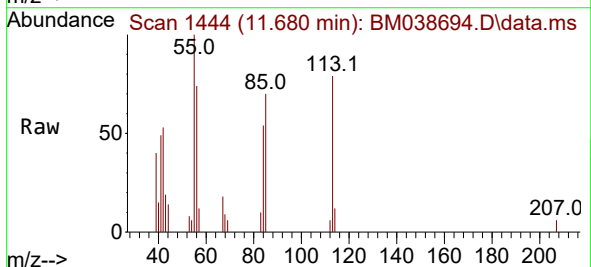
Instrument :
BNA_M
ClientSampleId :
SSTD005033

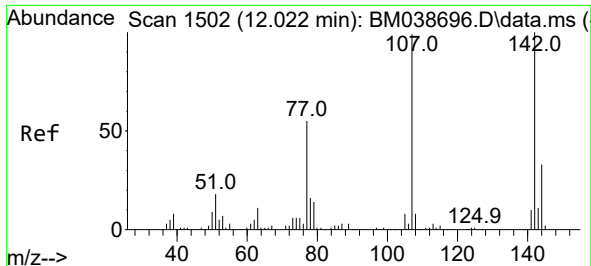
Tgt Ion:225 Resp: 12759
Ion Ratio Lower Upper
225 100
223 59.4 51.9 77.9
227 58.6 51.4 77.2



#34
Caprolactam
Concen: 4.654 ng/ul
RT: 11.680 min Scan# 1444
Delta R.T. -0.000 min
Lab File: BM038694.D
Acq: 06 Feb 2023 16:04

Tgt Ion:113 Resp: 5068
Ion Ratio Lower Upper
113 100
55 127.0 102.9 154.3
56 94.1 81.8 122.6





#35

4-Chloro-3-methylphenol

Concen: 4.277 ng/ul

RT: 12.022 min Scan# 1502

Delta R.T. -0.000 min

Lab File: BM038694.D

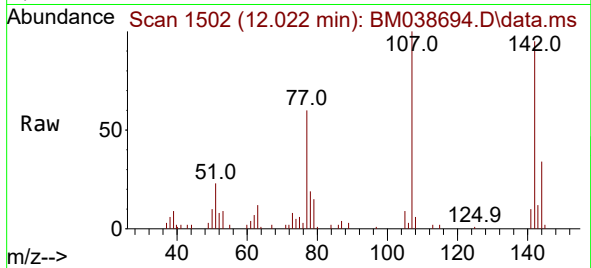
Acq: 06 Feb 2023 16:04

Instrument :

BNA_M

ClientSampleId :

SSTD005033



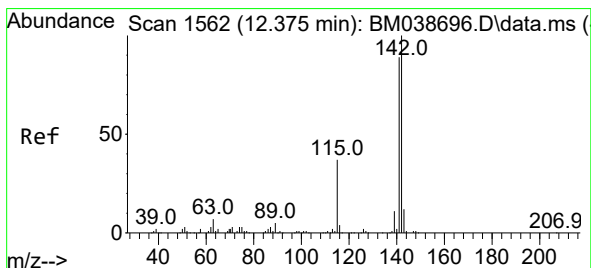
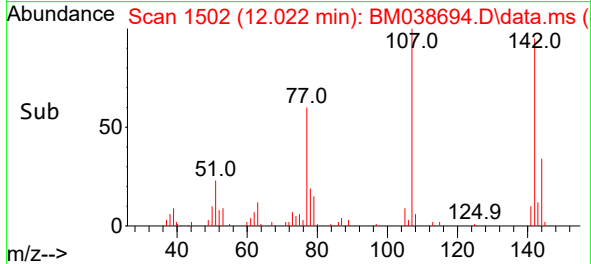
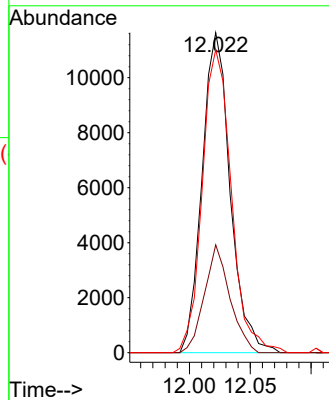
Tgt Ion:107 Resp: 18701

Ion Ratio Lower Upper

107 100

144 33.7 27.1 40.7

142 94.7 81.0 121.6



#36

2-Methylnaphthalene

Concen: 4.835 ng/ul

RT: 12.375 min Scan# 1562

Delta R.T. -0.000 min

Lab File: BM038694.D

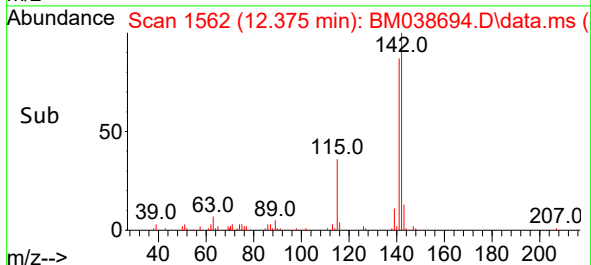
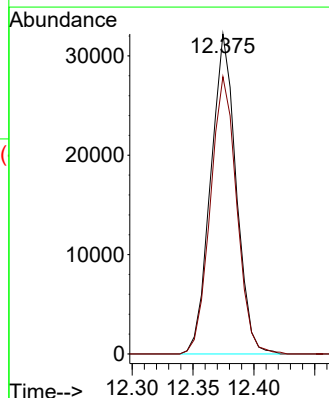
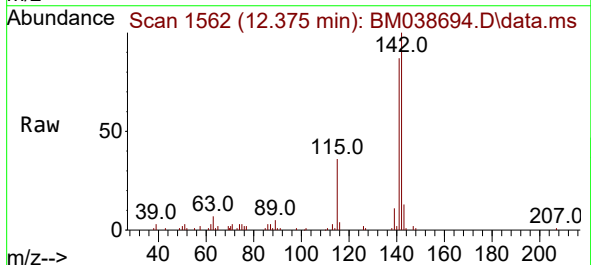
Acq: 06 Feb 2023 16:04

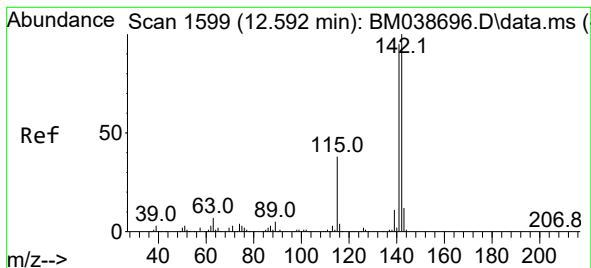
Tgt Ion:142 Resp: 46905

Ion Ratio Lower Upper

142 100

141 86.6 71.3 106.9





#37

1-Methylnaphthalene

Concen: 4.855 ng/ul

RT: 12.592 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM038694.D

Acq: 06 Feb 2023 16:04

Instrument :

BNA_M

ClientSampleId :

SSTD005033

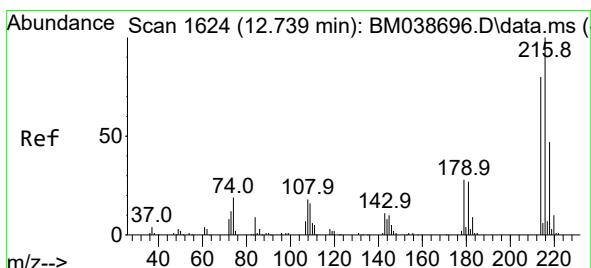
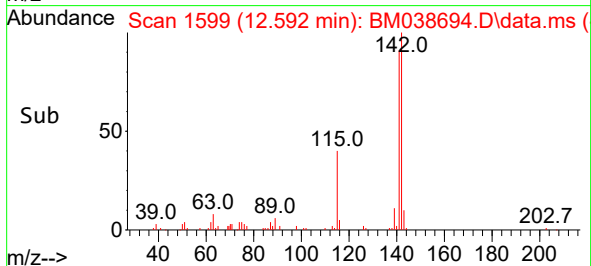
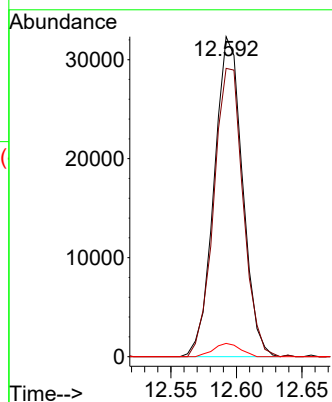
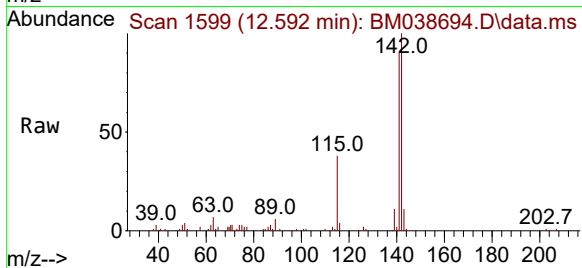
Tgt Ion:142 Resp: 48622

Ion Ratio Lower Upper

142 100

141 90.1 76.2 114.4

116 4.2 3.3 4.9



#39

1,2,4,5-Tetrachlorobenzene

Concen: 2.196 ng/ul

RT: 12.739 min Scan# 1624

Delta R.T. -0.000 min

Lab File: BM038694.D

Acq: 06 Feb 2023 16:04

Tgt Ion:216 Resp: 23456

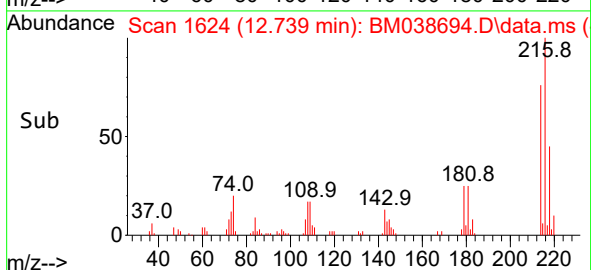
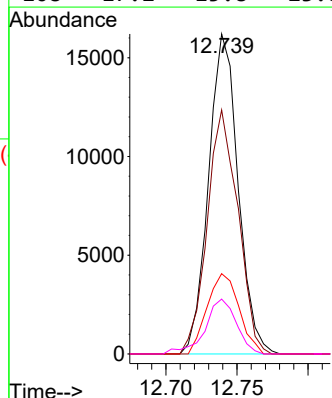
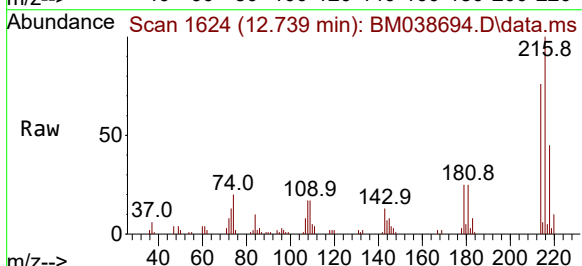
Ion Ratio Lower Upper

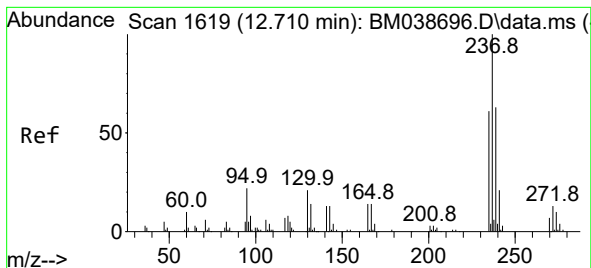
216 100

214 82.0 63.9 95.9

179 25.1 22.2 33.4

108 17.2 15.8 23.8

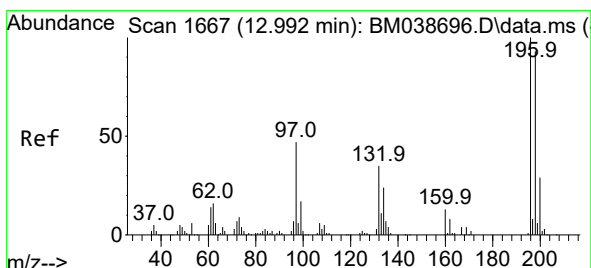
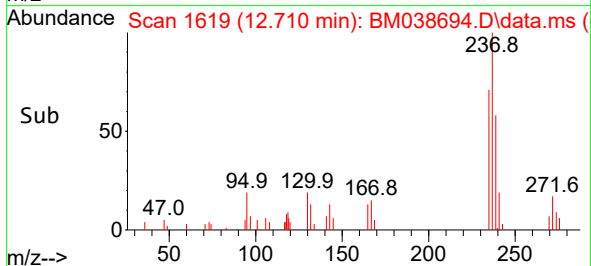
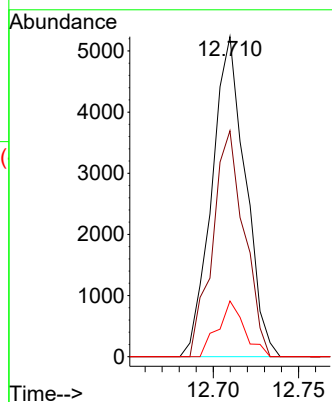
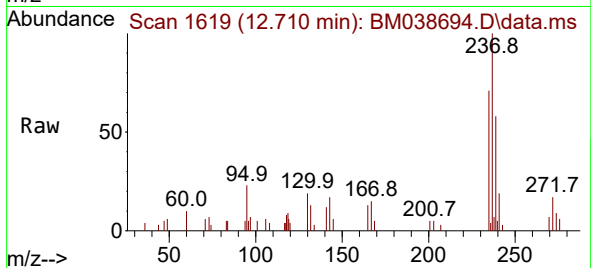




#40
Hexachlorocyclopentadiene
Concen: 0.941 ng/ul
RT: 12.710 min Scan# 1619
Delta R.T. -0.000 min
Lab File: BM038694.D
Acq: 06 Feb 2023 16:04

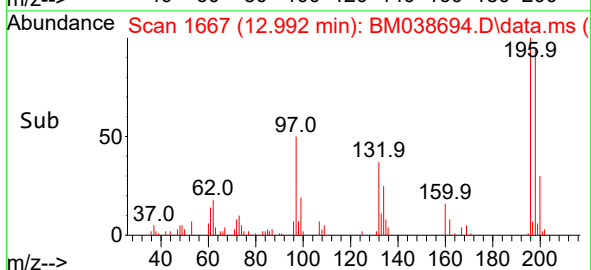
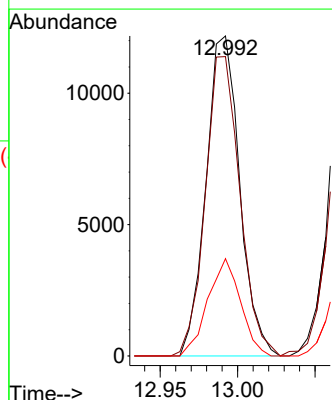
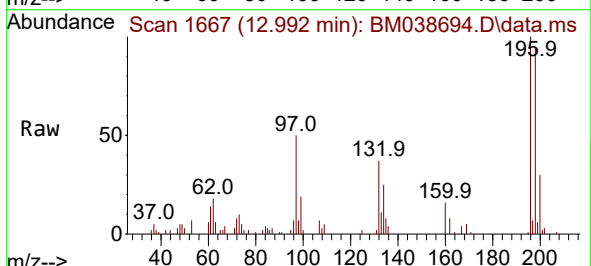
Instrument :
BNA_M
ClientSampleId :
SSTD005033

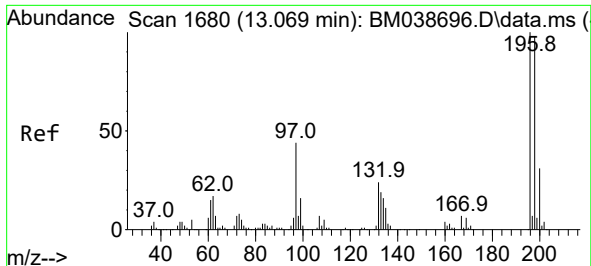
Tgt Ion:237 Resp: 7177
Ion Ratio Lower Upper
237 100
235 70.6 45.7 68.5#
272 17.4 10.4 15.6#



#41
2,4,6-Trichlorophenol
Concen: 2.831 ng/ul
RT: 12.992 min Scan# 1667
Delta R.T. -0.000 min
Lab File: BM038694.D
Acq: 06 Feb 2023 16:04

Tgt Ion:196 Resp: 18414
Ion Ratio Lower Upper
196 100
198 93.6 74.2 111.2
200 30.4 23.3 34.9

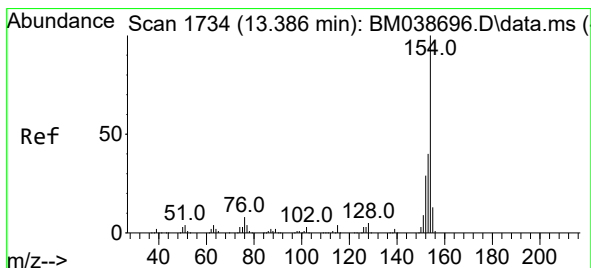
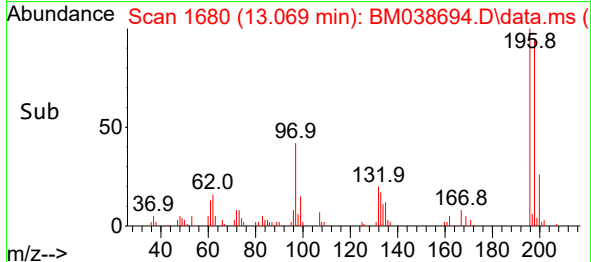
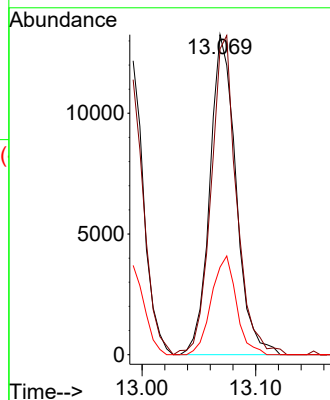
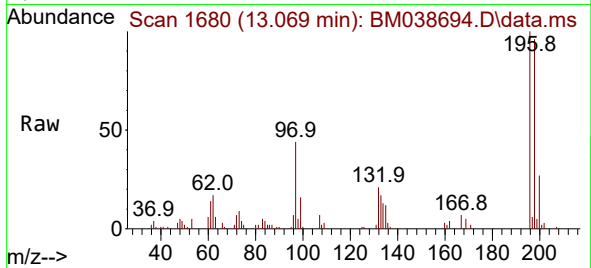




#42
2,4,5-Trichlorophenol
Concen: 3.051 ng/ul
RT: 13.069 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM038694.D
Acq: 06 Feb 2023 16:04

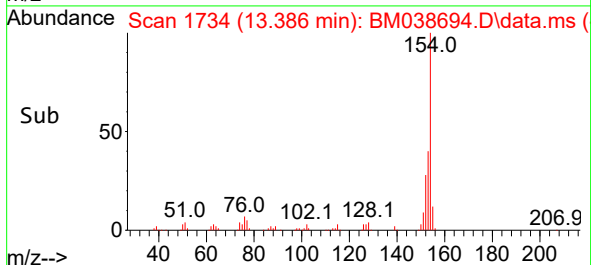
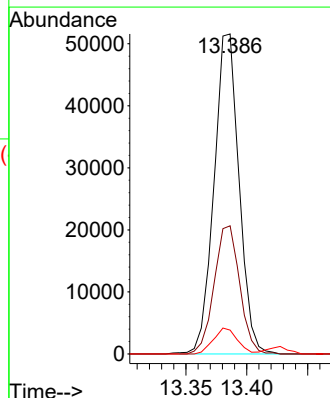
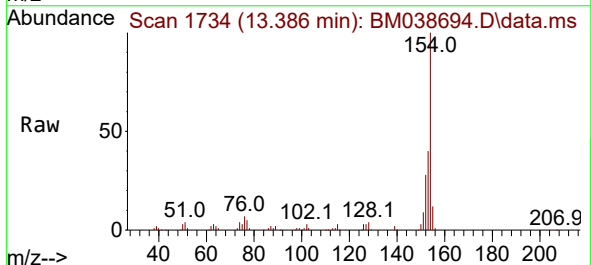
Instrument :
BNA_M
ClientSampleId :
SSTD005033

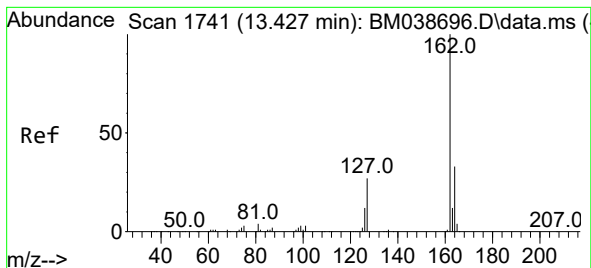
Tgt Ion:196 Resp: 21193
Ion Ratio Lower Upper
196 100
198 95.5 78.1 117.1
200 27.4 24.3 36.5



#43
1,1'-Biphenyl
Concen: 4.415 ng/ul
RT: 13.386 min Scan# 1734
Delta R.T. -0.000 min
Lab File: BM038694.D
Acq: 06 Feb 2023 16:04

Tgt Ion:154 Resp: 73668
Ion Ratio Lower Upper
154 100
153 40.0 31.9 47.9
76 7.5 6.2 9.2





#44

2-Chloronaphthalene

Concen: 4.293 ng/ul

RT: 13.427 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM038694.D

Acq: 06 Feb 2023 16:04

Instrument :

BNA_M

ClientSampleId :

SSTD005033

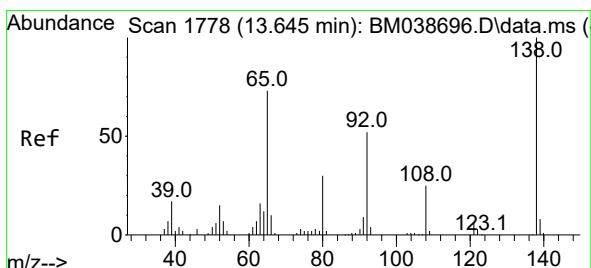
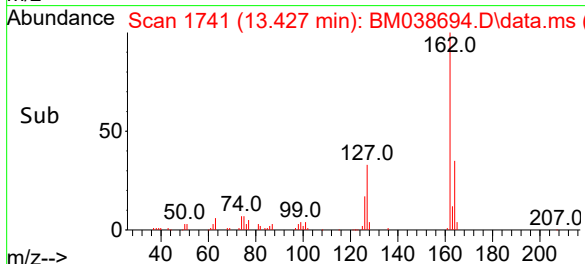
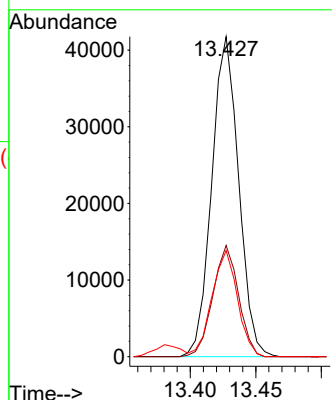
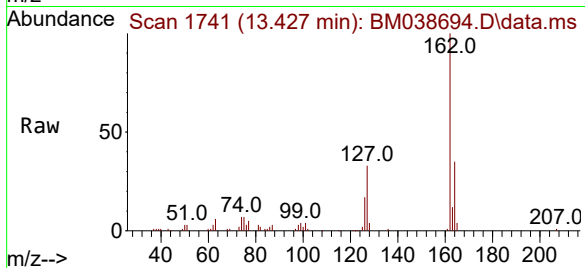
Tgt Ion:162 Resp: 59511

Ion Ratio Lower Upper

162 100

164 34.7 26.2 39.2

127 33.1 24.4 36.6



#45

2-Nitroaniline

Concen: 2.831 ng/ul

RT: 13.645 min Scan# 1778

Delta R.T. -0.000 min

Lab File: BM038694.D

Acq: 06 Feb 2023 16:04

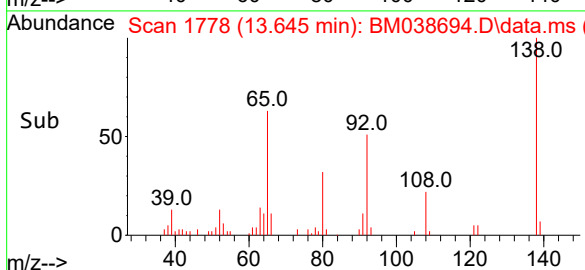
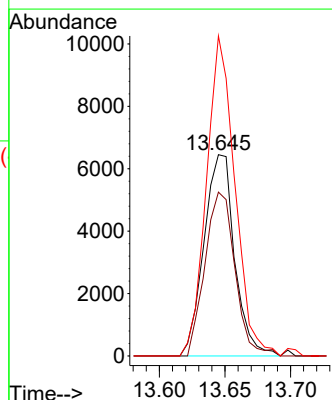
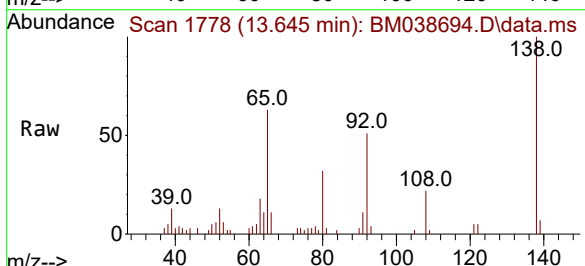
Tgt Ion: 65 Resp: 10498

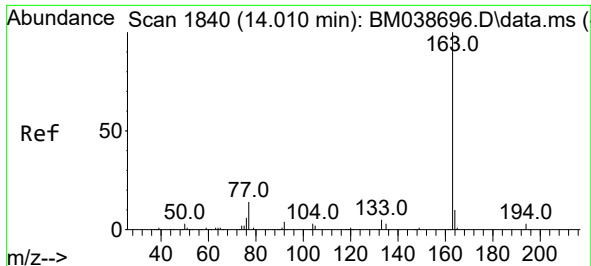
Ion Ratio Lower Upper

65 100

92 81.4 56.5 84.7

138 159.0 108.6 162.8

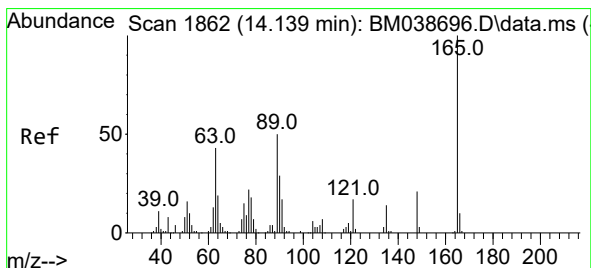
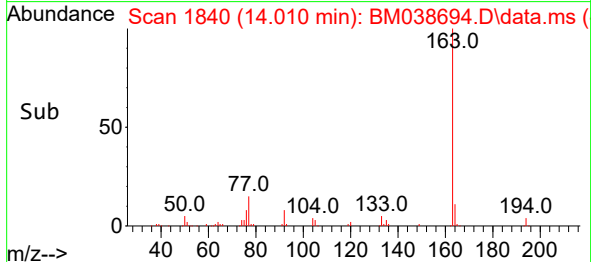
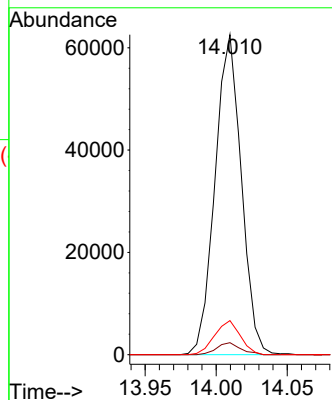
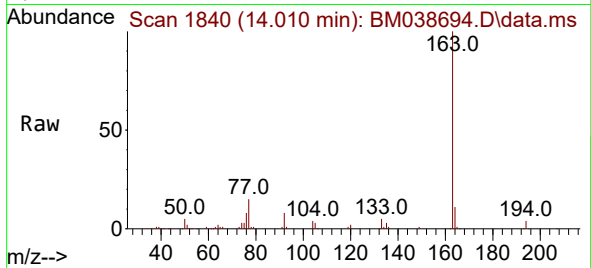




#47
Dimethylphthalate
Concen: 4.564 ng/ul
RT: 14.010 min Scan# 1840
Delta R.T. -0.000 min
Lab File: BM038694.D
Acq: 06 Feb 2023 16:04

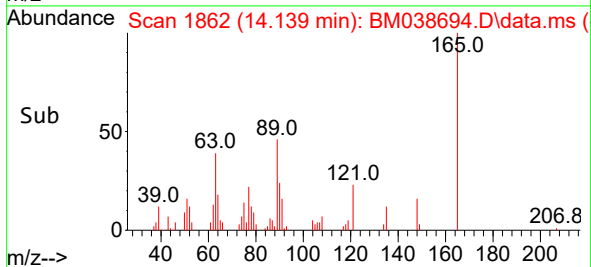
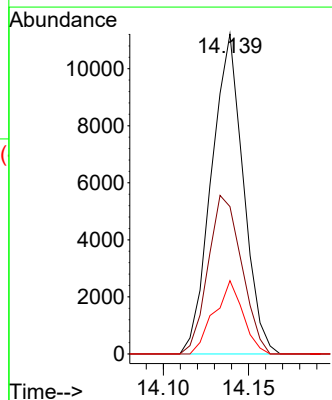
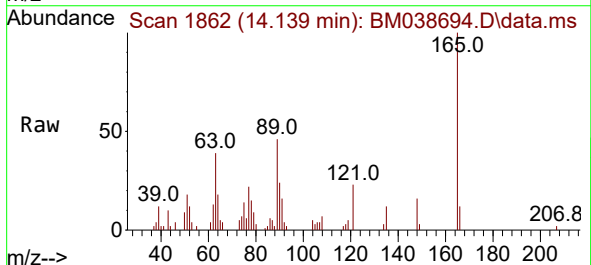
Instrument :
BNA_M
ClientSampleId :
SSTD005033

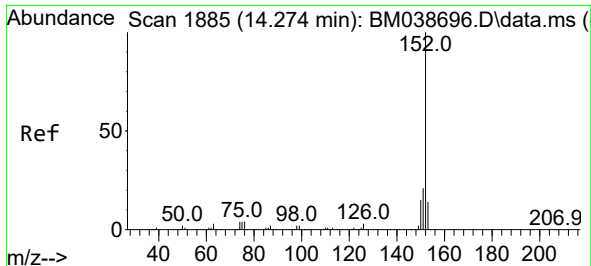
Tgt Ion:163 Resp: 80516
Ion Ratio Lower Upper
163 100
194 3.8 2.6 4.0
164 10.7 8.0 12.0



#48
2,6-Dinitrotoluene
Concen: 4.463 ng/ul
RT: 14.139 min Scan# 1862
Delta R.T. -0.000 min
Lab File: BM038694.D
Acq: 06 Feb 2023 16:04

Tgt Ion:165 Resp: 14579
Ion Ratio Lower Upper
165 100
89 46.0 40.2 60.4
121 22.9 13.6 20.4#

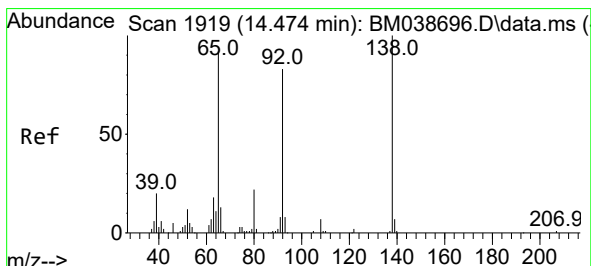
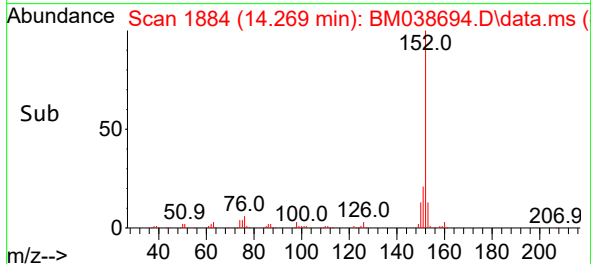
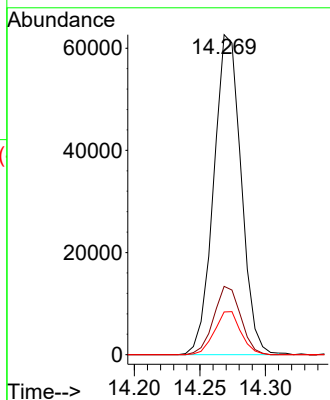
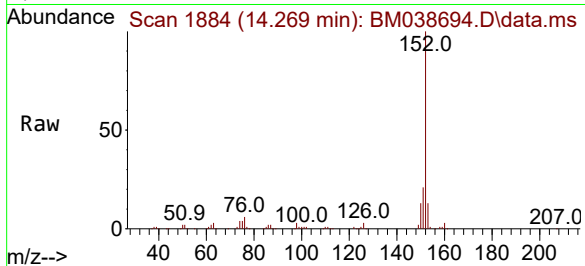




#50
Acenaphthylene
Concen: 4.775 ng/ul
RT: 14.269 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM038694.D
Acq: 06 Feb 2023 16:04

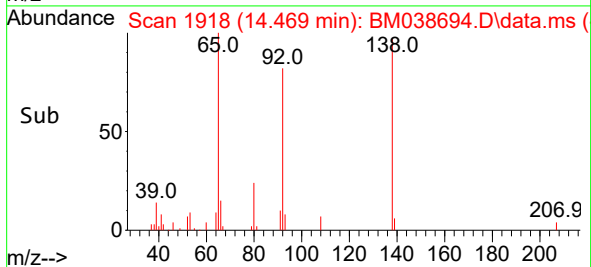
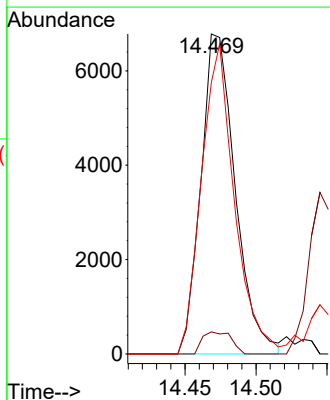
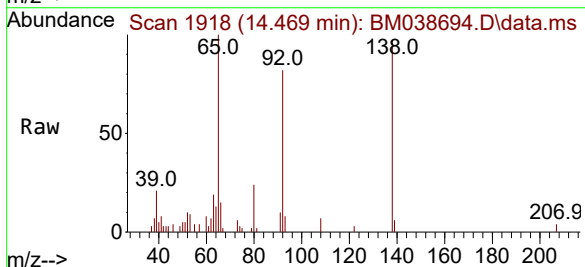
Instrument :
BNA_M
ClientSampleId :
SSTD005033

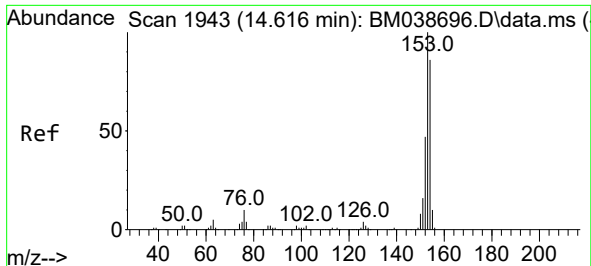
Tgt Ion:152 Resp: 91086
Ion Ratio Lower Upper
152 100
151 21.4 16.6 24.8
153 13.4 10.8 16.2



#51
3-Nitroaniline
Concen: 4.852 ng/ul
RT: 14.469 min Scan# 1918
Delta R.T. -0.006 min
Lab File: BM038694.D
Acq: 06 Feb 2023 16:04

Tgt Ion:138 Resp: 11411
Ion Ratio Lower Upper
138 100
108 6.9 5.9 8.9
92 84.8 67.1 100.7

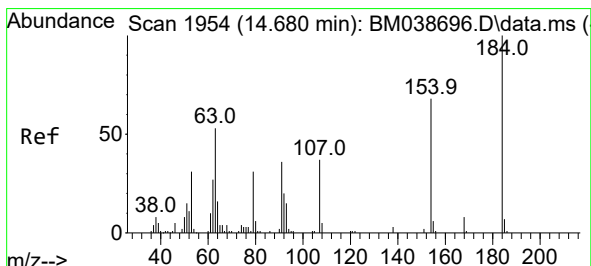
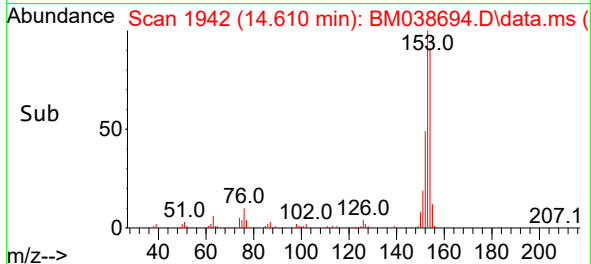
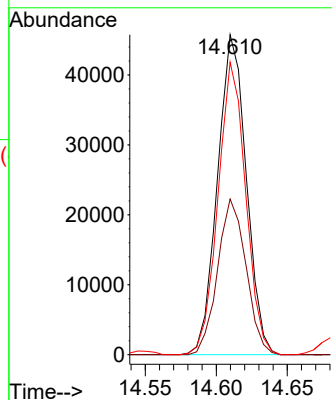
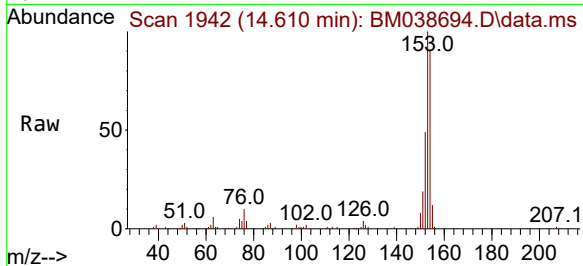




#52
Acenaphthene
Concen: 4.540 ng/ul
RT: 14.610 min Scan# 1943
Delta R.T. -0.006 min
Lab File: BM038694.D
Acq: 06 Feb 2023 16:04

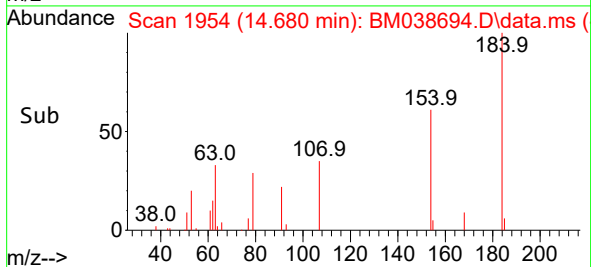
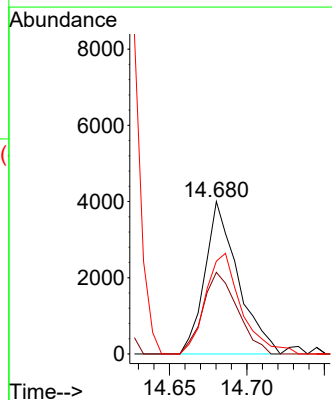
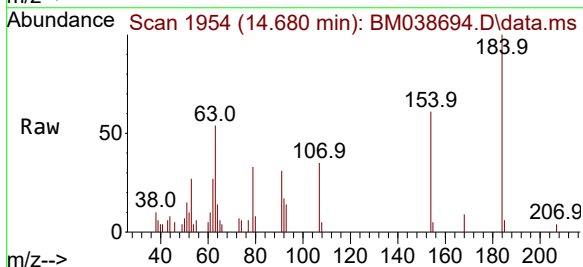
Instrument :
BNA_M
ClientSampleId :
SSTD005033

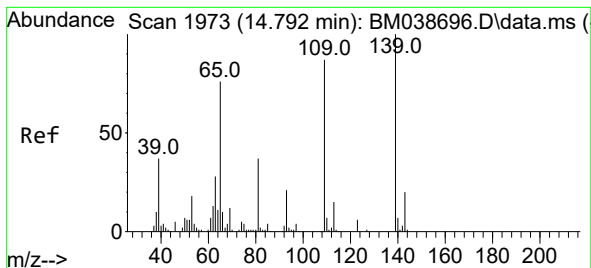
Tgt Ion:153 Resp: 64464
Ion Ratio Lower Upper
153 100
152 48.7 37.9 56.9
154 91.4 68.6 102.8



#53
2,4-Dinitrophenol
Concen: 2.265 ng/ul
RT: 14.680 min Scan# 1954
Delta R.T. -0.000 min
Lab File: BM038694.D
Acq: 06 Feb 2023 16:04

Tgt Ion:184 Resp: 5948
Ion Ratio Lower Upper
184 100
63 53.5 42.3 63.5
154 60.9 55.5 83.3

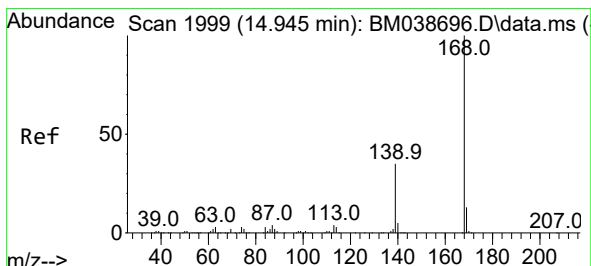
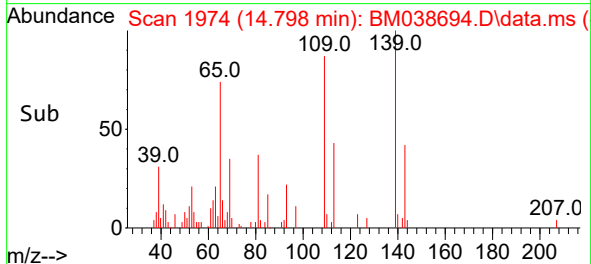
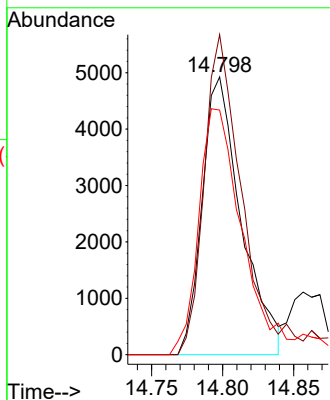
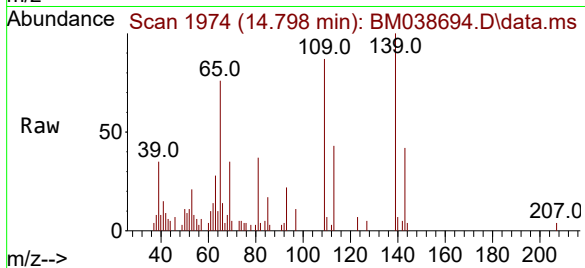




#55
4-Nitrophenol
Concen: 2.264 ng/ul
RT: 14.798 min Scan# 1973
Delta R.T. 0.006 min
Lab File: BM038694.D
Acq: 06 Feb 2023 16:04

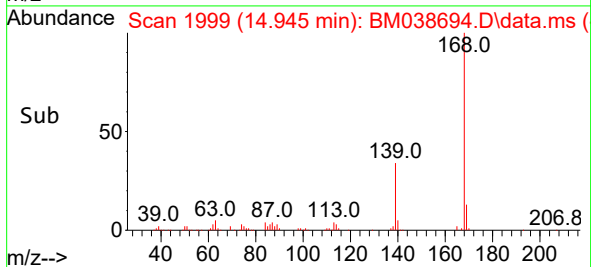
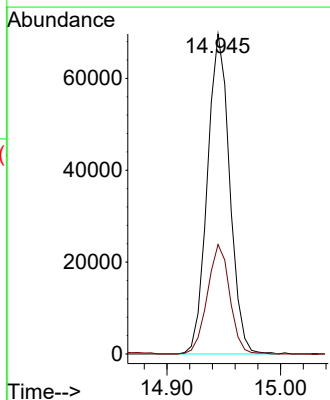
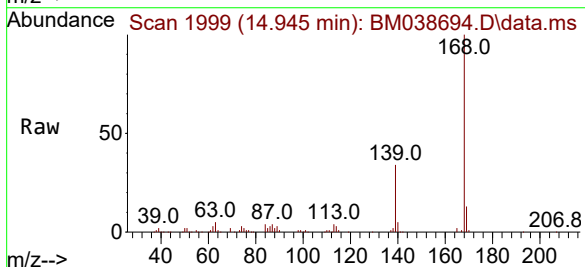
Instrument :
BNA_M
ClientSampleId :
SSTD005033

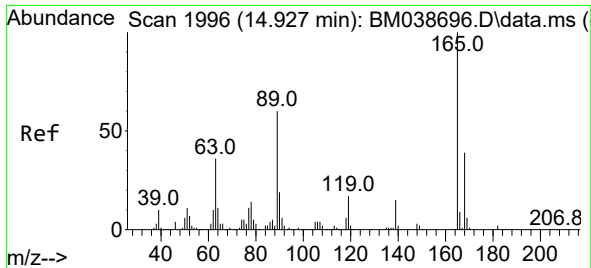
Tgt Ion:109 Resp: 9421
Ion Ratio Lower Upper
109 100
139 115.2 92.3 138.5
65 88.1 70.6 106.0



#56
Dibenzofuran
Concen: 4.497 ng/ul
RT: 14.945 min Scan# 1999
Delta R.T. -0.000 min
Lab File: BM038694.D
Acq: 06 Feb 2023 16:04

Tgt Ion:168 Resp: 94964
Ion Ratio Lower Upper
168 100
139 34.2 28.0 42.0

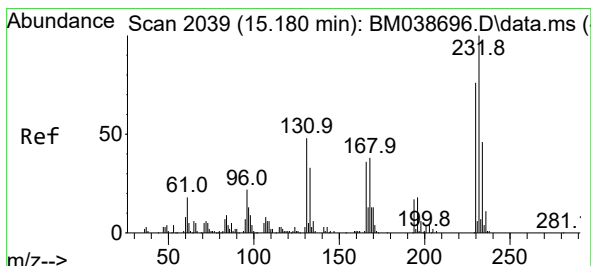
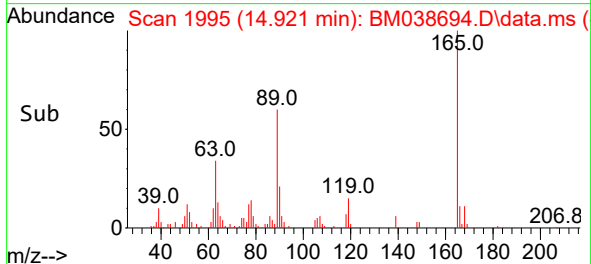
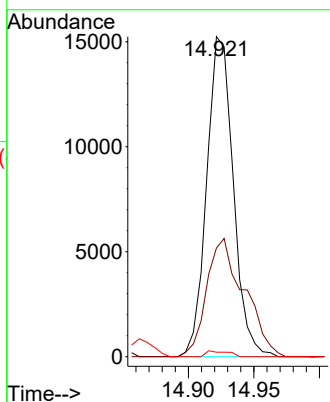
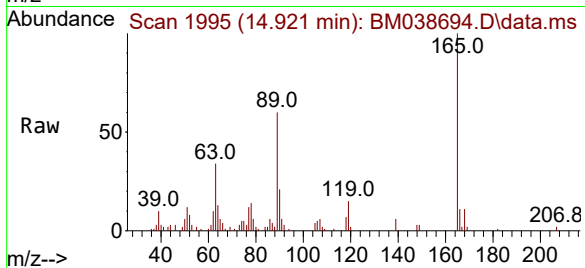




#57
2,4-Dinitrotoluene
Concen: 4.473 ng/ul
RT: 14.921 min Scan# 1995
Delta R.T. -0.006 min
Lab File: BM038694.D
Acq: 06 Feb 2023 16:04

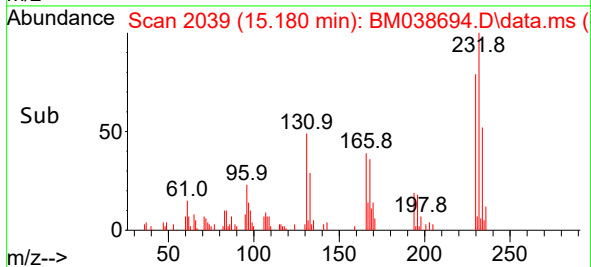
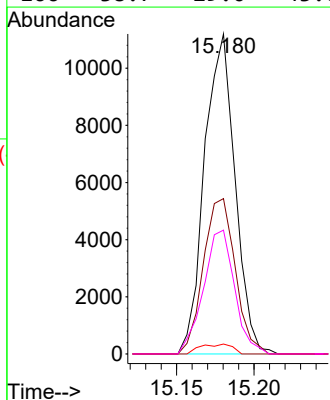
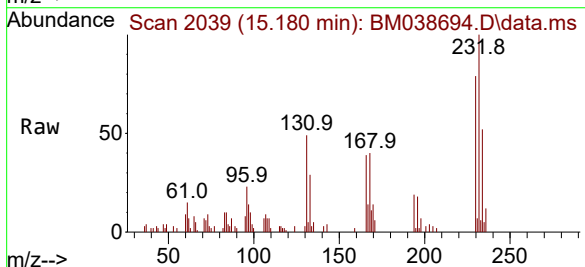
Instrument :
BNA_M
ClientSampleId :
SSTD005033

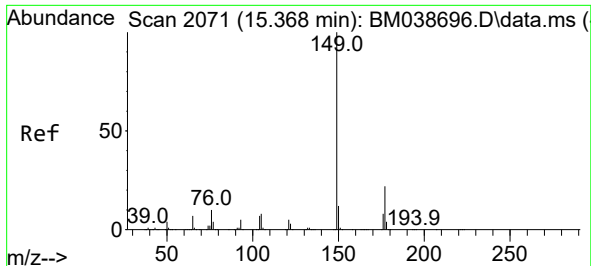
Tgt Ion:165 Resp: 21537
Ion Ratio Lower Upper
165 100
63 34.0 28.6 43.0
182 1.4 1.5 2.3#



#58
2,3,4,6-Tetrachlorophenol
Concen: 2.521 ng/ul
RT: 15.180 min Scan# 2039
Delta R.T. -0.000 min
Lab File: BM038694.D
Acq: 06 Feb 2023 16:04

Tgt Ion:232 Resp: 15334
Ion Ratio Lower Upper
232 100
131 48.6 38.5 57.7
130 3.1 2.3 3.5
166 38.7 29.0 43.6

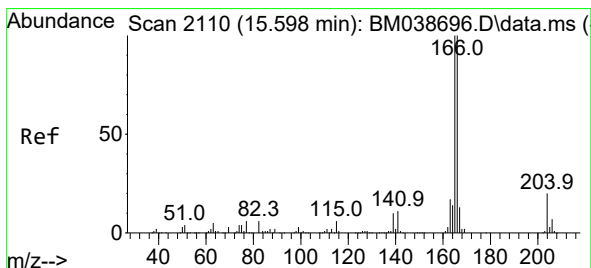
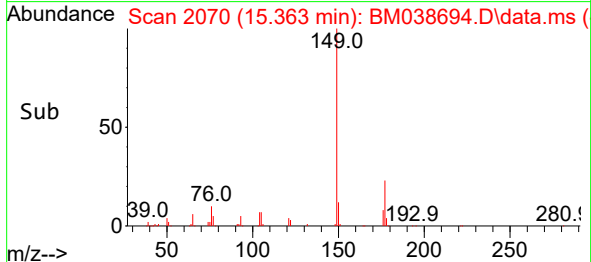
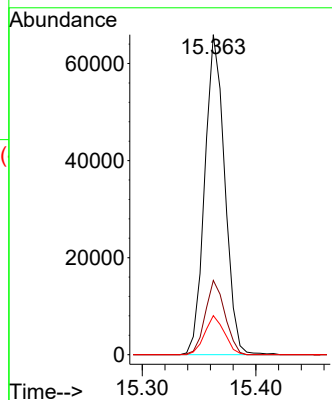
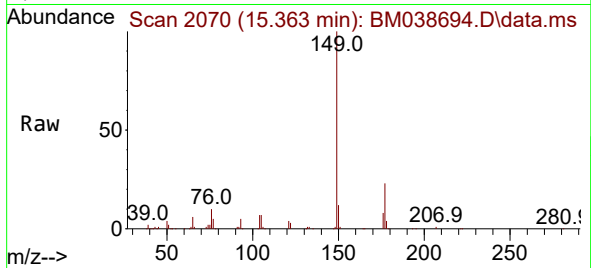




#59
Diethylphthalate
Concen: 4.871 ng/ul
RT: 15.363 min Scan# 2109
Delta R.T. -0.006 min
Lab File: BM038694.D
Acq: 06 Feb 2023 16:04

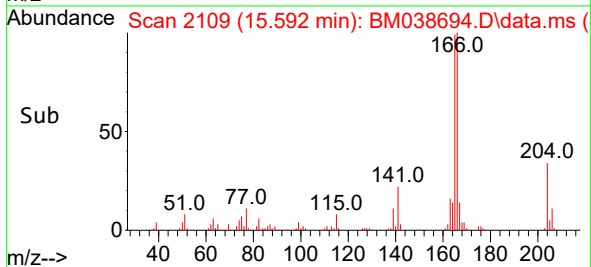
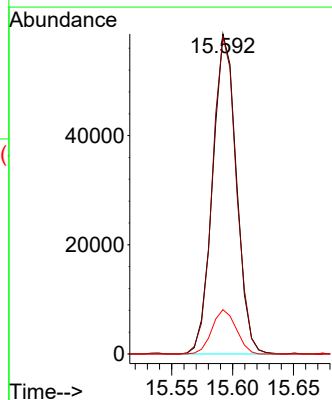
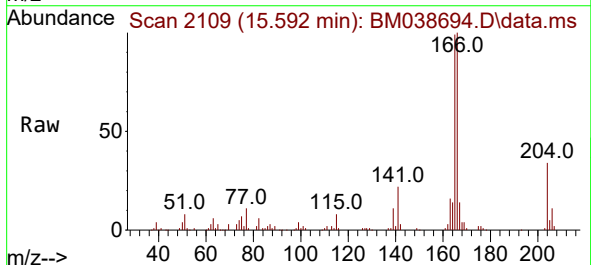
Instrument :
BNA_M
ClientSampleId :
SSTD005033

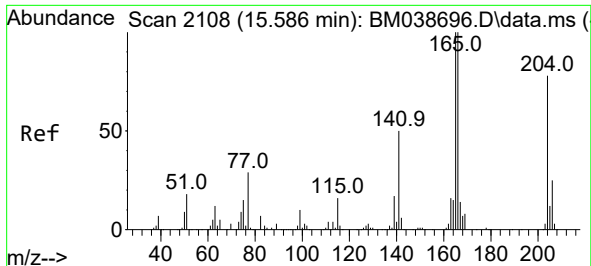
Tgt Ion:149 Resp: 80546
Ion Ratio Lower Upper
149 100
177 23.2 17.5 26.3
150 12.2 9.5 14.3



#61
Fluorene
Concen: 4.486 ng/ul
RT: 15.592 min Scan# 2109
Delta R.T. -0.006 min
Lab File: BM038694.D
Acq: 06 Feb 2023 16:04

Tgt Ion:166 Resp: 79783
Ion Ratio Lower Upper
166 100
165 99.2 80.3 120.5
167 13.9 10.7 16.1

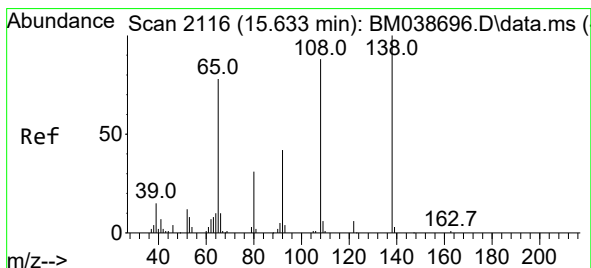
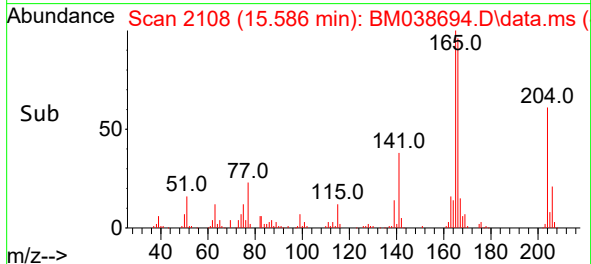
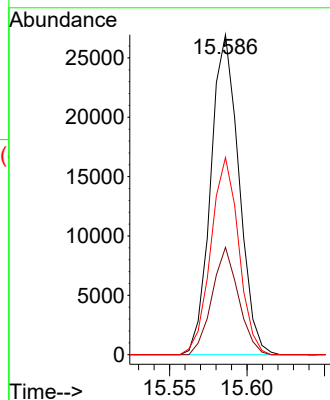
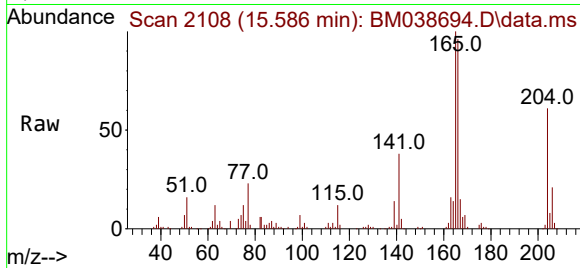




#62
4-Chlorophenyl-phenylether
Concen: 2.726 ng/ul
RT: 15.586 min Scan# 2108
Delta R.T. -0.000 min
Lab File: BM038694.D
Acq: 06 Feb 2023 16:04

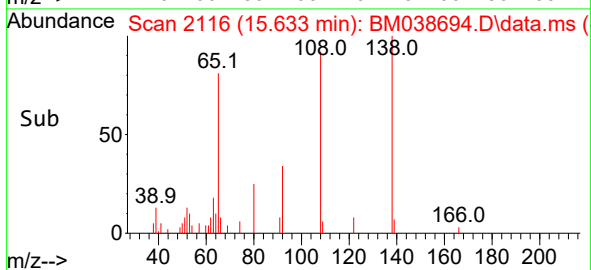
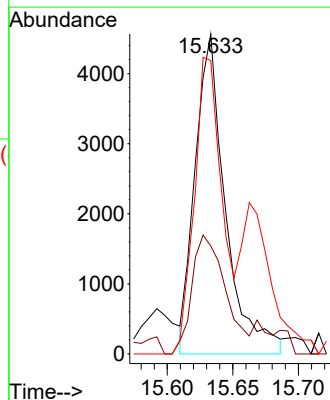
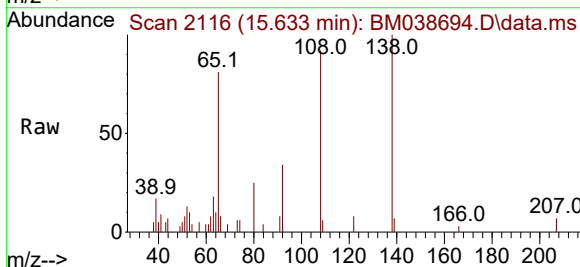
Instrument :
BNA_M
ClientSampleId :
SSTD005033

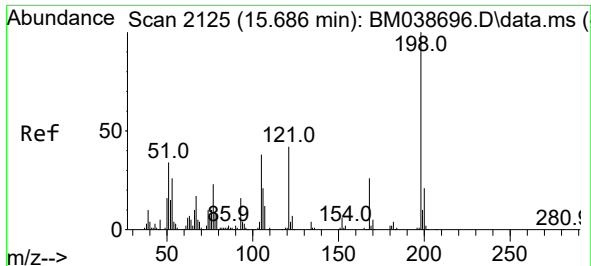
Tgt Ion:204 Resp: 34114
Ion Ratio Lower Upper
204 100
206 33.6 25.4 38.2
141 61.6 50.6 75.8



#63
4-Nitroaniline
Concen: 3.794 ng/ul
RT: 15.633 min Scan# 2116
Delta R.T. -0.000 min
Lab File: BM038694.D
Acq: 06 Feb 2023 16:04

Tgt Ion:138 Resp: 7355
Ion Ratio Lower Upper
138 100
92 33.7 33.3 49.9
108 91.7 70.8 106.2

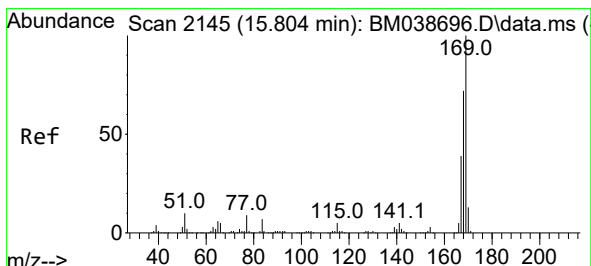
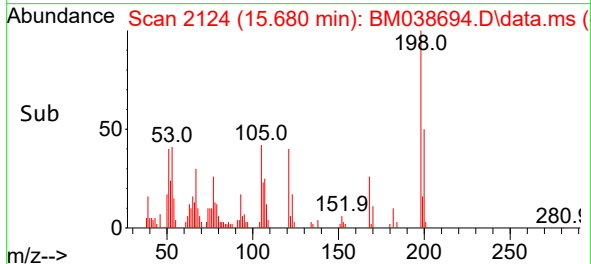
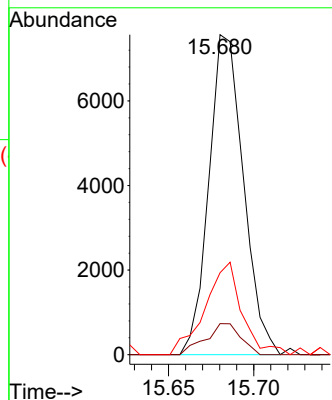
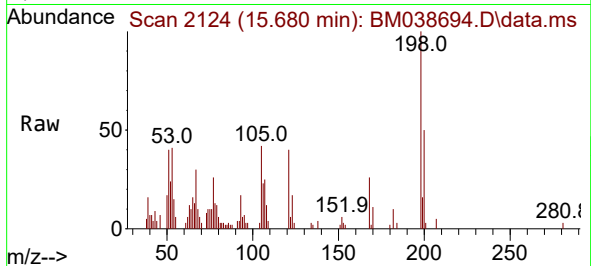




#66
4,6-Dinitro-2-methylphenol
Concen: 2.676 ng/ul
RT: 15.680 min Scan# 2125
Delta R.T. -0.006 min
Lab File: BM038694.D
Acq: 06 Feb 2023 16:04

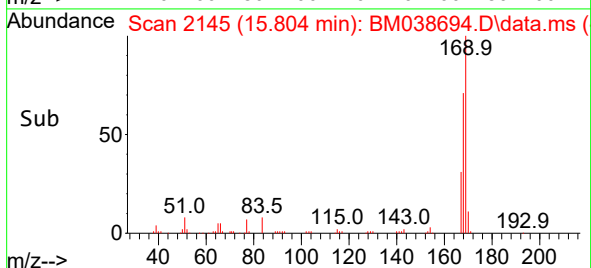
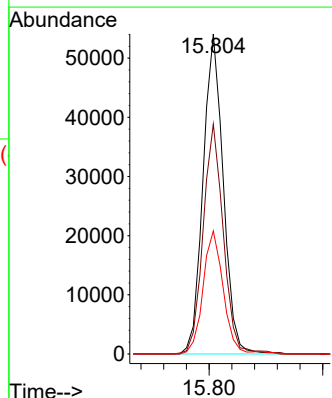
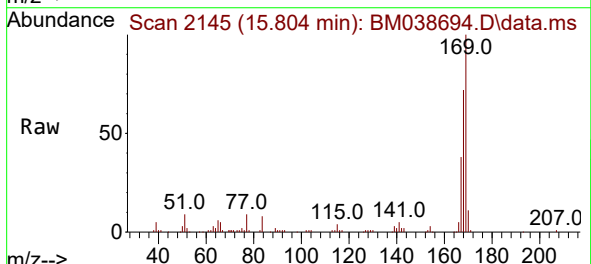
Instrument :
BNA_M
ClientSampleId :
SSTD005033

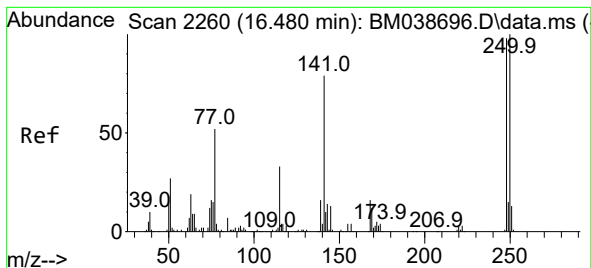
Tgt Ion:198 Resp: 10675
Ion Ratio Lower Upper
198 100
182 9.7 3.2 4.8#
77 25.6 19.0 28.6



#67
N-Nitrosodiphenylamine
Concen: 4.778 ng/ul
RT: 15.804 min Scan# 2145
Delta R.T. -0.000 min
Lab File: BM038694.D
Acq: 06 Feb 2023 16:04

Tgt Ion:169 Resp: 66510
Ion Ratio Lower Upper
169 100
168 71.9 57.6 86.4
167 38.5 31.3 46.9

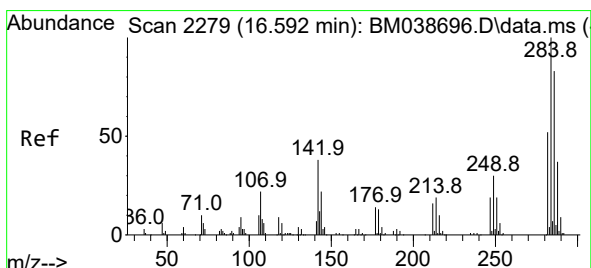
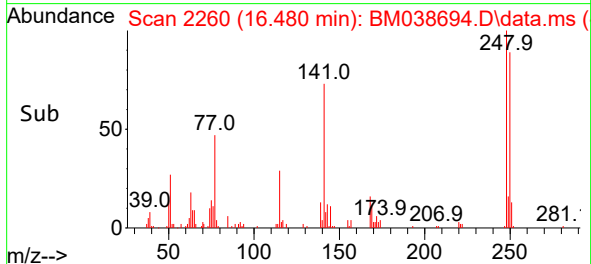
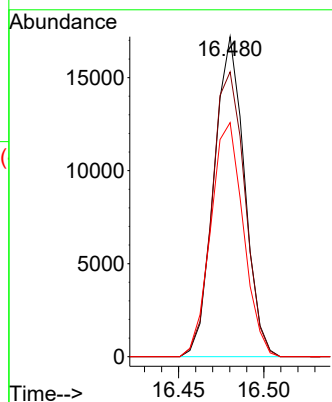
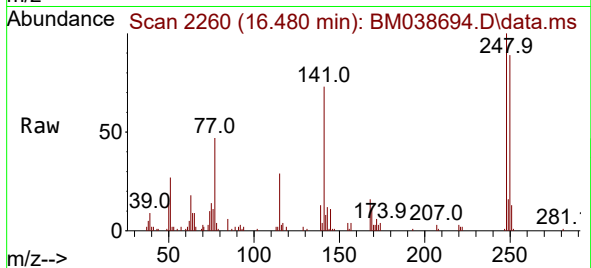




#68
4-Bromophenyl-phenylether
Concen: 3.078 ng/ul
RT: 16.480 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM038694.D
Acq: 06 Feb 2023 16:04

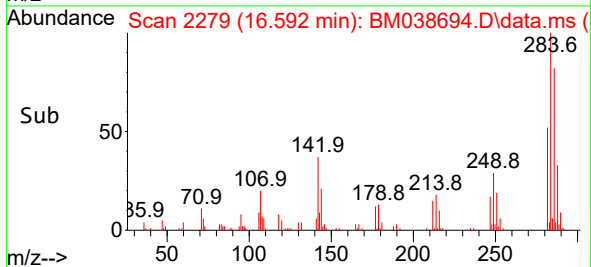
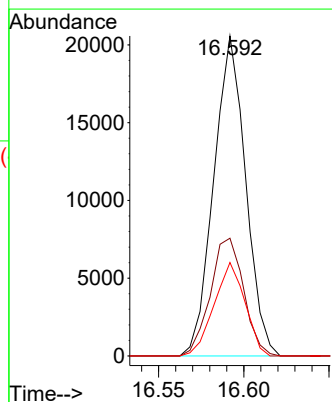
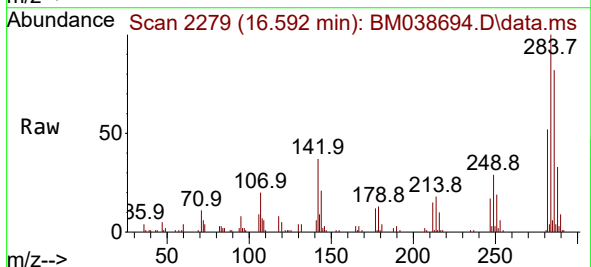
Instrument :
BNA_M
ClientSampleId :
SSTD005033

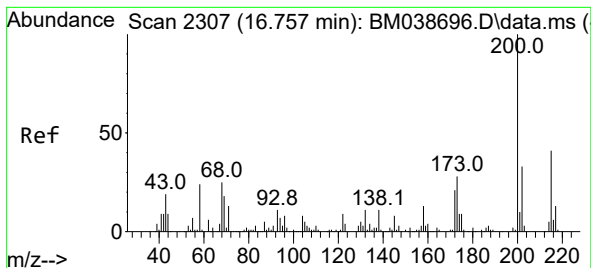
Tgt Ion:248 Resp: 21411
Ion Ratio Lower Upper
248 100
250 89.0 81.6 122.4
141 73.1 64.6 97.0



#69
Hexachlorobenzene
Concen: 3.300 ng/ul
RT: 16.592 min Scan# 2279
Delta R.T. -0.000 min
Lab File: BM038694.D
Acq: 06 Feb 2023 16:04

Tgt Ion:284 Resp: 26801
Ion Ratio Lower Upper
284 100
142 34.6 30.6 46.0
249 30.5 23.7 35.5





#70

Atrazine

Concen: 3.292 ng/ul

RT: 16.757 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM038694.D

Acq: 06 Feb 2023 16:04

Instrument :

BNA_M

ClientSampleId :

SSTD005033

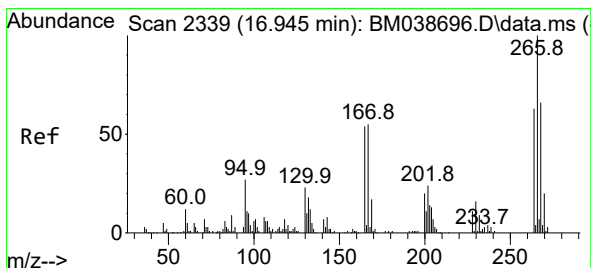
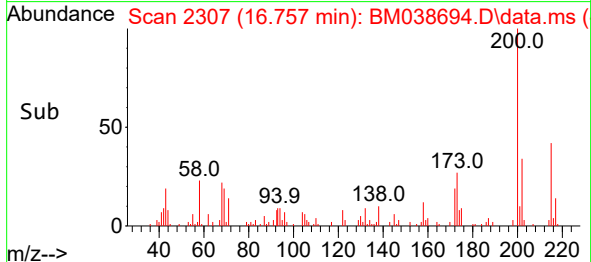
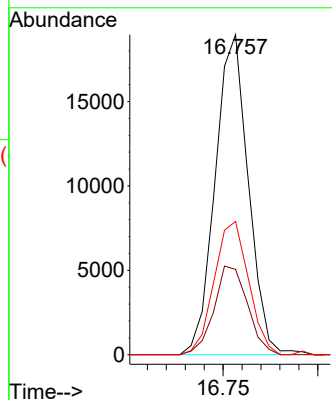
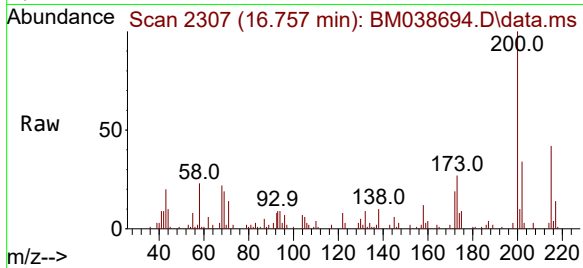
Tgt Ion:200 Resp: 22991

Ion Ratio Lower Upper

200 100

173 26.6 22.6 33.8

215 41.7 32.6 48.8



#71

Pentachlorophenol

Concen: 2.547 ng/ul

RT: 16.945 min Scan# 2339

Delta R.T. -0.000 min

Lab File: BM038694.D

Acq: 06 Feb 2023 16:04

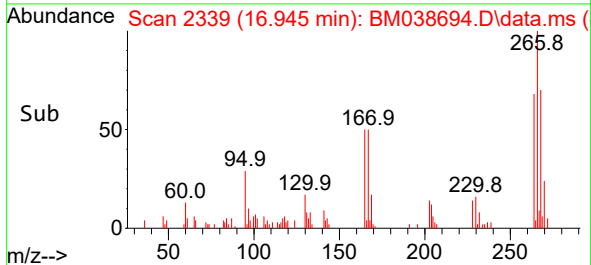
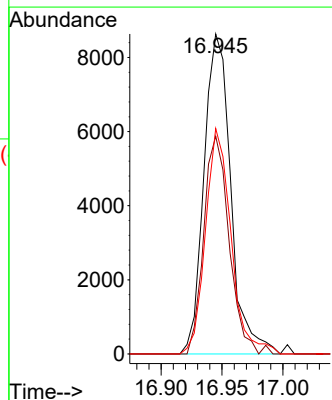
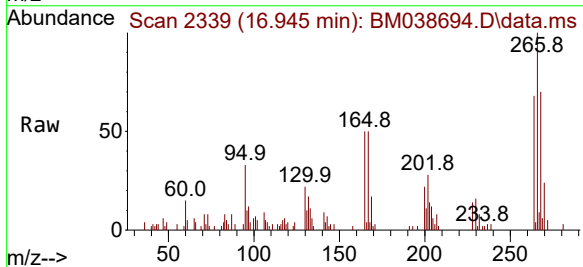
Tgt Ion:266 Resp: 13233

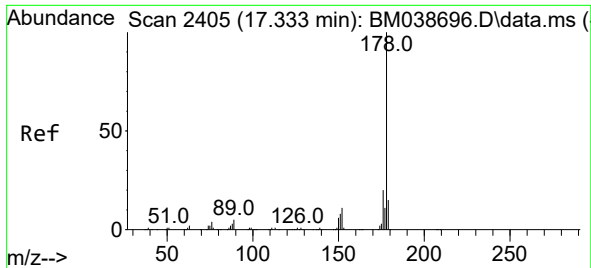
Ion Ratio Lower Upper

266 100

264 68.0 50.6 75.8

268 76.2 52.6 79.0

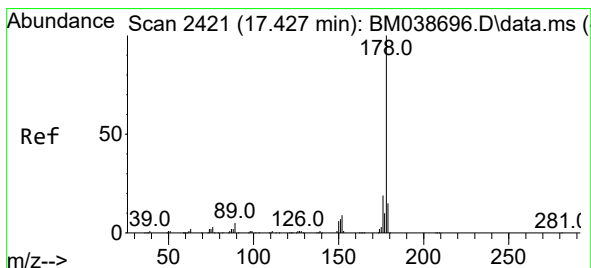
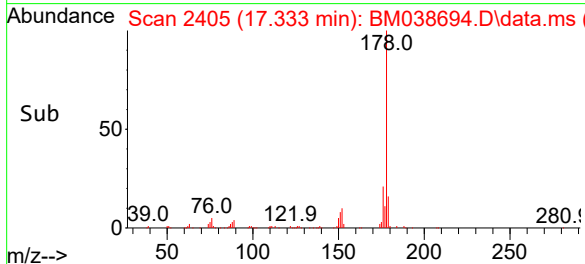
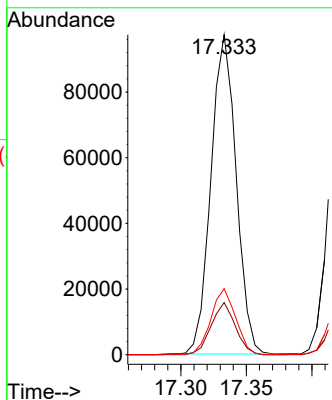
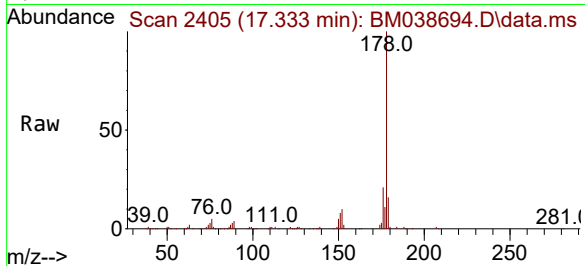




#72
Phenanthrene
Concen: 5.046 ng/ul
RT: 17.333 min Scan# 2405
Delta R.T. -0.000 min
Lab File: BM038694.D
Acq: 06 Feb 2023 16:04

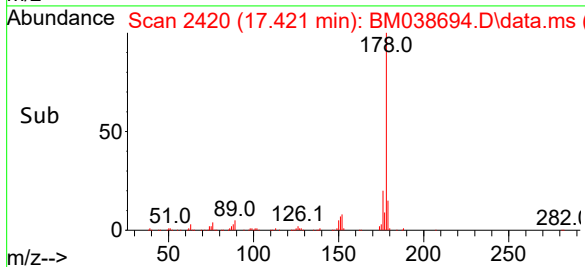
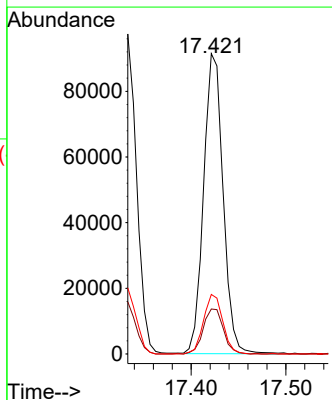
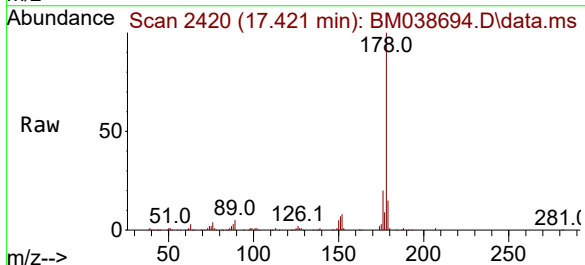
Instrument :
BNA_M
ClientSampleId :
SSTD005033

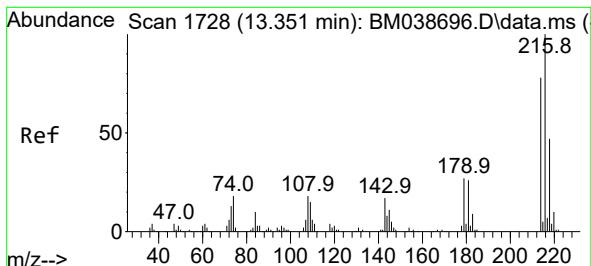
Tgt Ion:178 Resp: 130198
Ion Ratio Lower Upper
178 100
179 16.3 12.4 18.6
176 20.7 16.3 24.5



#74
Anthracene
Concen: 4.838 ng/ul
RT: 17.421 min Scan# 2420
Delta R.T. -0.006 min
Lab File: BM038694.D
Acq: 06 Feb 2023 16:04

Tgt Ion:178 Resp: 130712
Ion Ratio Lower Upper
178 100
179 15.0 12.1 18.1
176 19.8 15.6 23.4

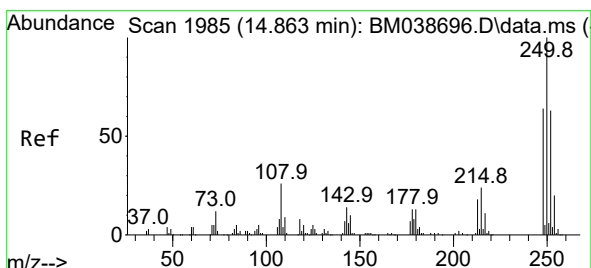
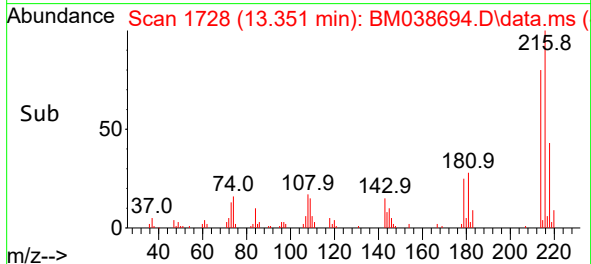
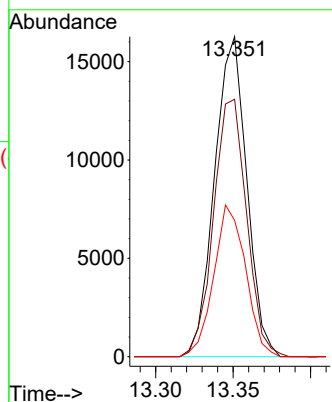
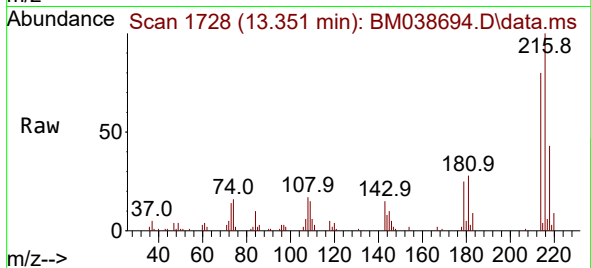




#75
1,2,3,4-Tetrachlorobenzene
Concen: 2.478 ng/uL
RT: 13.351 min Scan# 1728
Delta R.T. -0.000 min
Lab File: BM038694.D
Acq: 06 Feb 2023 16:04

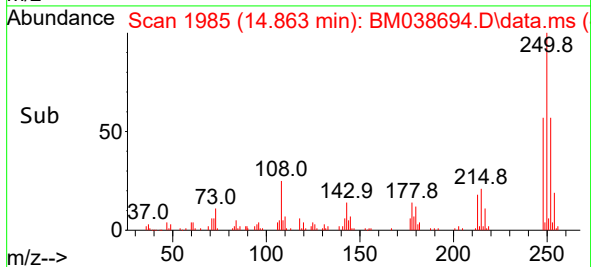
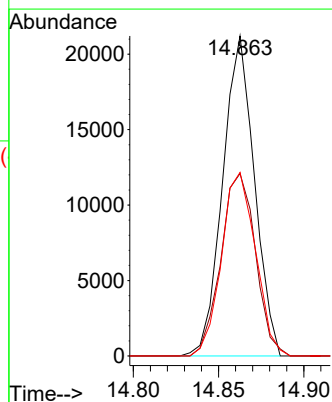
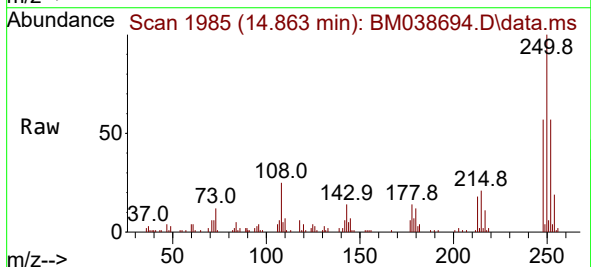
Instrument :
BNA_M
ClientSampleId :
SSTD005033

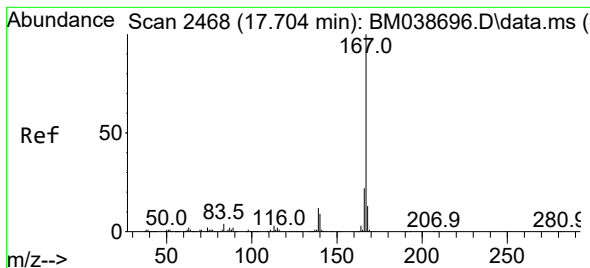
Tgt Ion:216 Resp: 23512
Ion Ratio Lower Upper
216 100
214 84.6 62.4 93.6
218 42.6 38.0 57.0



#76
Pentachlorobenzene
Concen: 2.782 ng/uL
RT: 14.863 min Scan# 1985
Delta R.T. -0.000 min
Lab File: BM038694.D
Acq: 06 Feb 2023 16:04

Tgt Ion:250 Resp: 27468
Ion Ratio Lower Upper
250 100
248 53.9 51.4 77.2
252 54.2 50.2 75.4





#77

Carbazole

Concen: 4.988 ng/ul

RT: 17.704 min Scan# 2468

Delta R.T. -0.000 min

Lab File: BM038694.D

Acq: 06 Feb 2023 16:04

Instrument :

BNA_M

ClientSampleId :

SSTD005033

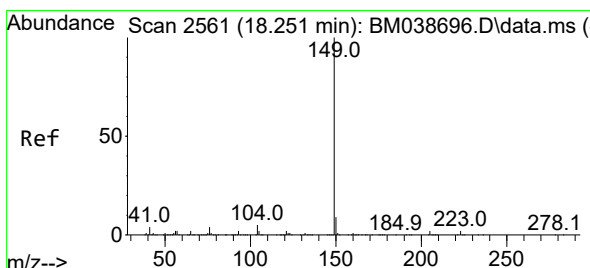
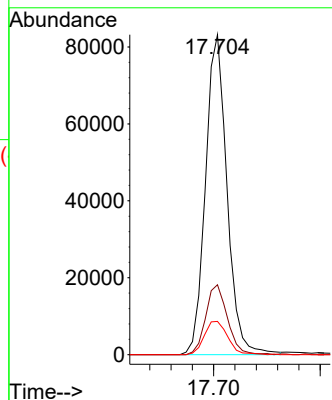
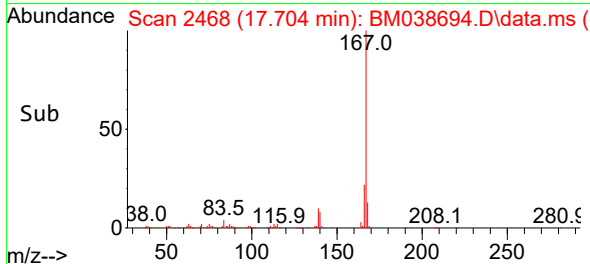
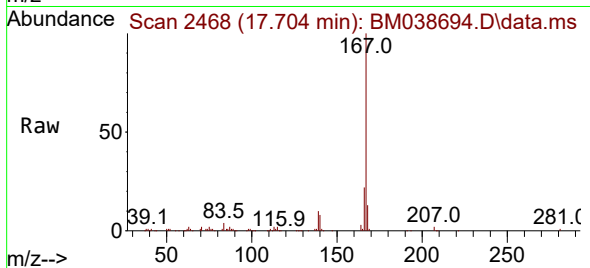
Tgt Ion:167 Resp: 116973

Ion Ratio Lower Upper

167 100

166 21.9 17.4 26.2

139 10.4 9.5 14.3



#78

Di-n-butylphthalate

Concen: 6.923 ng/ul

RT: 18.251 min Scan# 2561

Delta R.T. -0.000 min

Lab File: BM038694.D

Acq: 06 Feb 2023 16:04

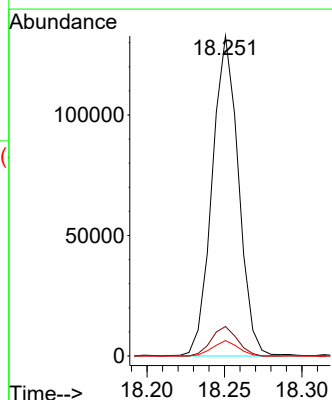
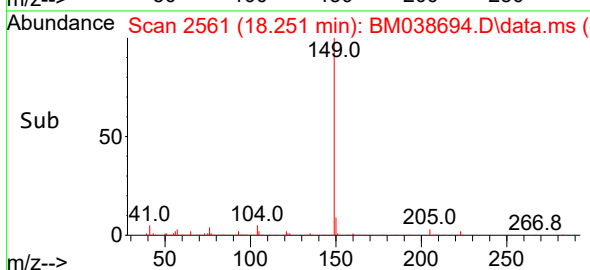
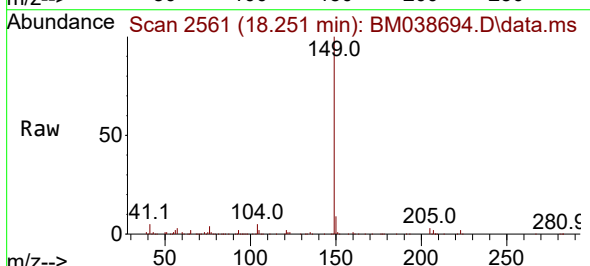
Tgt Ion:149 Resp: 157071

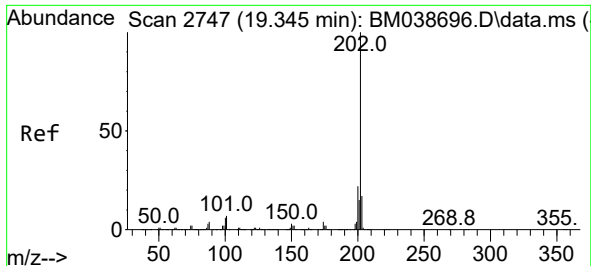
Ion Ratio Lower Upper

149 100

150 9.2 7.4 11.0

104 4.8 3.8 5.6

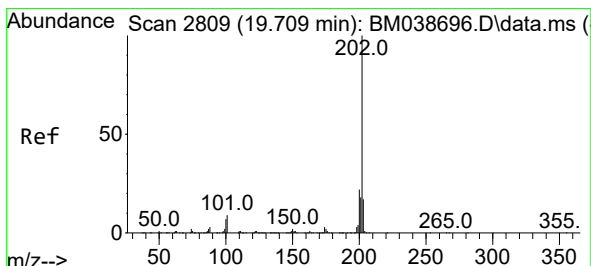
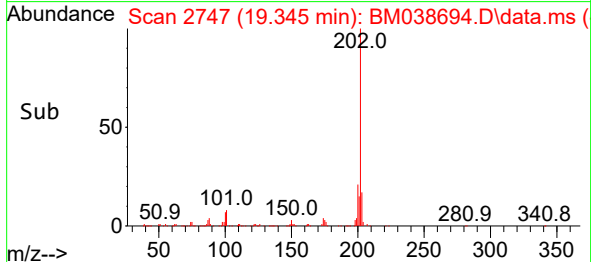
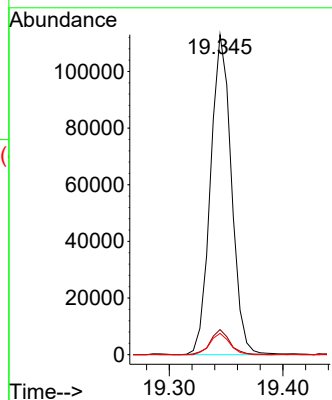
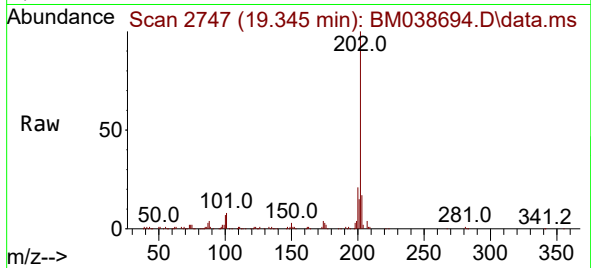




#80
Fluoranthene
Concen: 5.617 ng/ul
RT: 19.345 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM038694.D
Acq: 06 Feb 2023 16:04

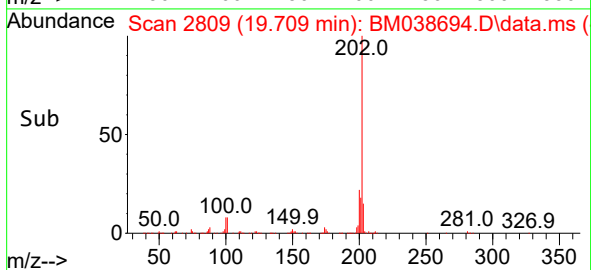
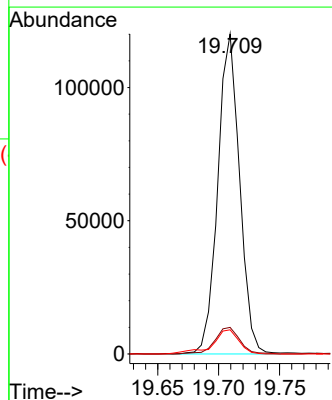
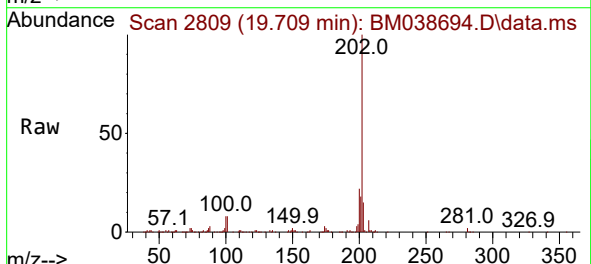
Instrument :
BNA_M
ClientSampleId :
SSTD005033

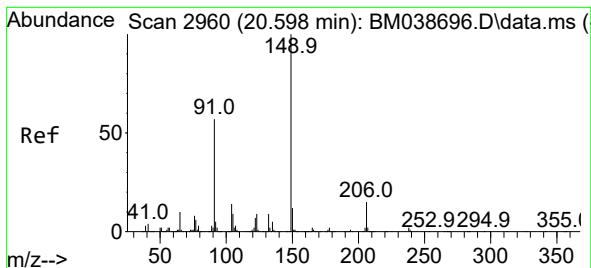
Tgt Ion:202 Resp: 144397
Ion Ratio Lower Upper
202 100
101 7.9 5.8 8.8
100 6.7 4.9 7.3



#82
Pyrene
Concen: 5.488 ng/ul
RT: 19.709 min Scan# 2809
Delta R.T. -0.000 min
Lab File: BM038694.D
Acq: 06 Feb 2023 16:04

Tgt Ion:202 Resp: 149732
Ion Ratio Lower Upper
202 100
101 8.3 7.5 11.3
100 7.5 6.0 9.0





#83

Butylbenzylphthalate

Concen: 9.591 ng/ul

RT: 20.598 min Scan# 2960

Delta R.T. -0.000 min

Lab File: BM038694.D

Acq: 06 Feb 2023 16:04

Instrument :

BNA_M

ClientSampleId :

SSTD005033

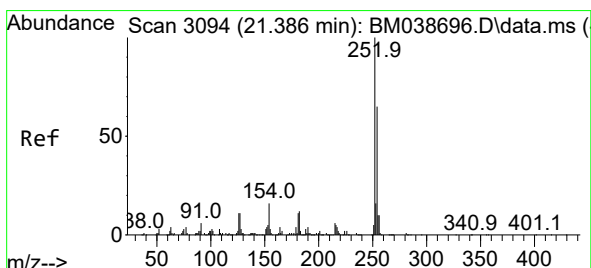
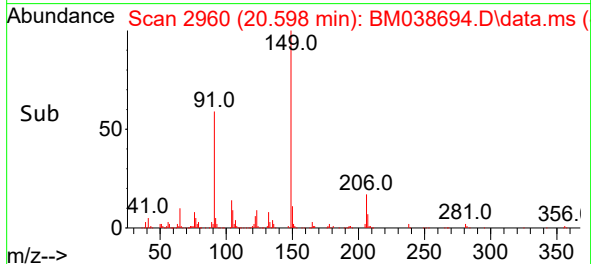
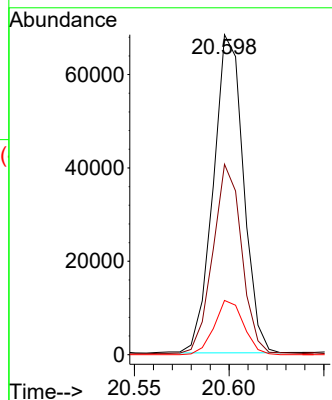
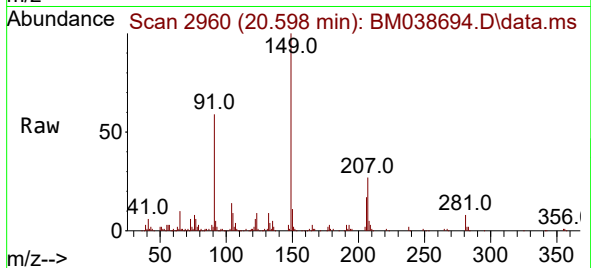
Tgt Ion:149 Resp: 75469

Ion Ratio Lower Upper

149 100

91 59.5 45.8 68.8

206 17.0 12.3 18.5



#84

3,3'-Dichlorobenzidine

Concen: 3.793 ng/ul

RT: 21.392 min Scan# 3095

Delta R.T. 0.006 min

Lab File: BM038694.D

Acq: 06 Feb 2023 16:04

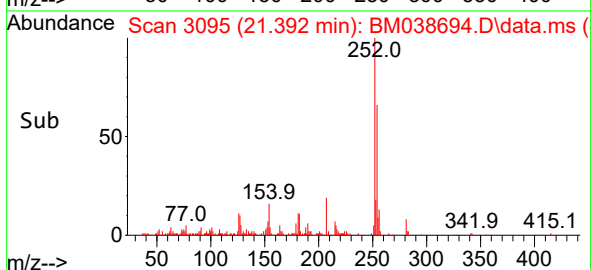
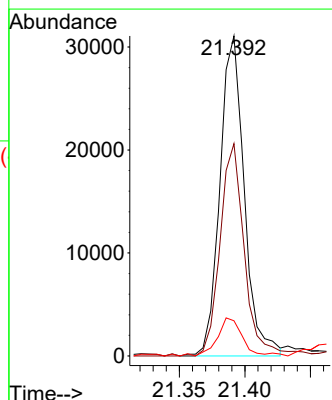
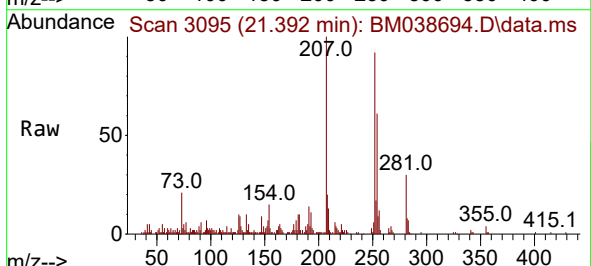
Tgt Ion:252 Resp: 40107

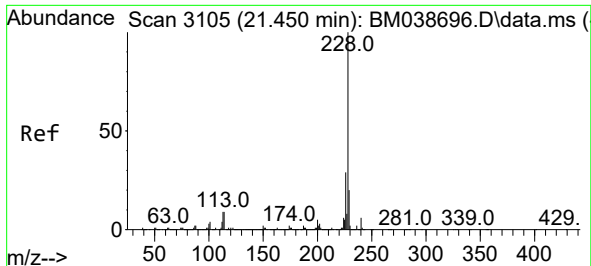
Ion Ratio Lower Upper

252 100

254 66.4 51.6 77.4

126 11.0 8.6 13.0

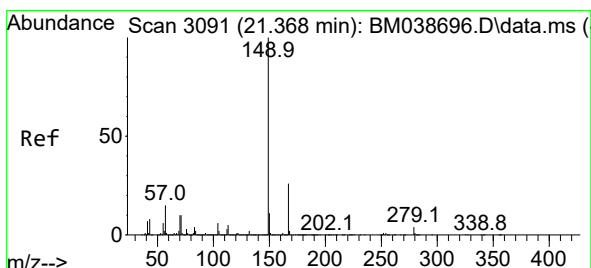
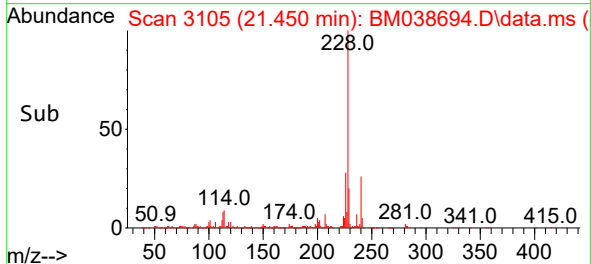
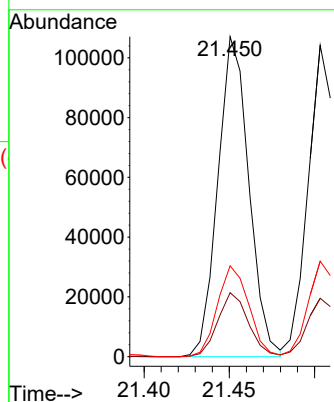
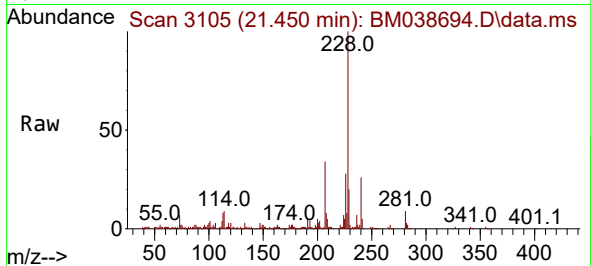




#85
Benzo(a)anthracene
Concen: 4.444 ng/ul
RT: 21.450 min Scan# 3105
Delta R.T. -0.000 min
Lab File: BM038694.D
Acq: 06 Feb 2023 16:04

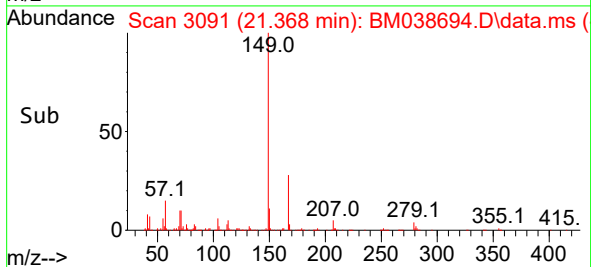
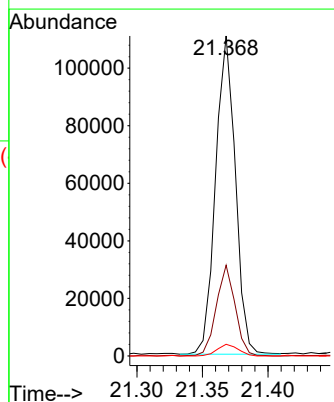
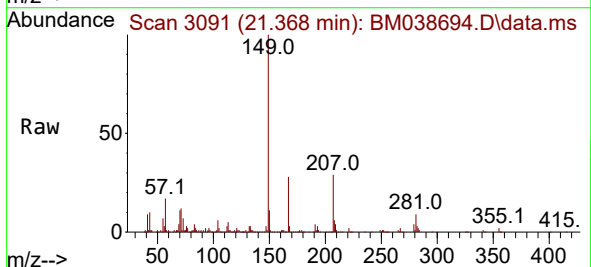
Instrument :
BNA_M
ClientSampleId :
SSTD005033

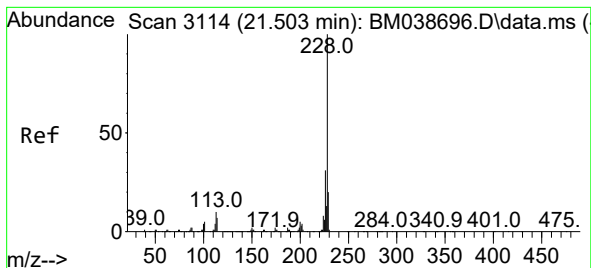
Tgt Ion:228 Resp: 135494
Ion Ratio Lower Upper
228 100
229 20.0 15.6 23.4
226 28.4 23.0 34.4



#86
Bis(2-ethylhexyl)phthalate
Concen: 10.336 ng/ul
RT: 21.368 min Scan# 3091
Delta R.T. -0.000 min
Lab File: BM038694.D
Acq: 06 Feb 2023 16:04

Tgt Ion:149 Resp: 115727
Ion Ratio Lower Upper
149 100
167 28.4 21.2 31.8
279 3.6 2.9 4.3





#87

Chrysene

Concen: 4.400 ng/ul

RT: 21.503 min Scan# 3114

Delta R.T. -0.000 min

Lab File: BM038694.D

Acq: 06 Feb 2023 16:04

Instrument :

BNA_M

ClientSampleId :

SSTD005033

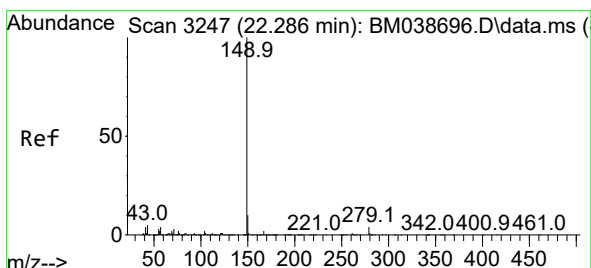
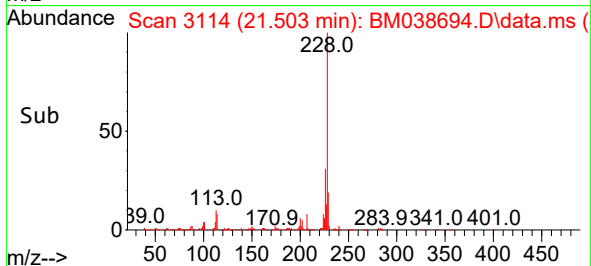
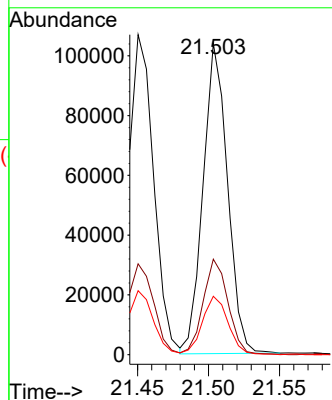
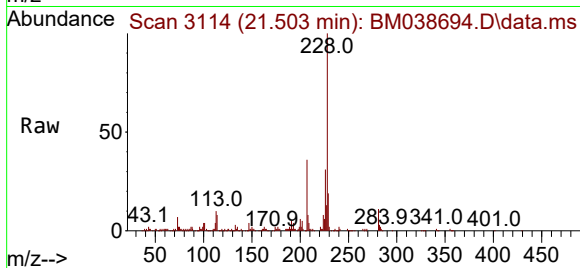
Tgt Ion:228 Resp: 124187

Ion Ratio Lower Upper

228 100

226 30.7 24.6 37.0

229 18.8 15.8 23.6



#89

Di-n-octyl phthalate

Concen: 9.494 ng/ul

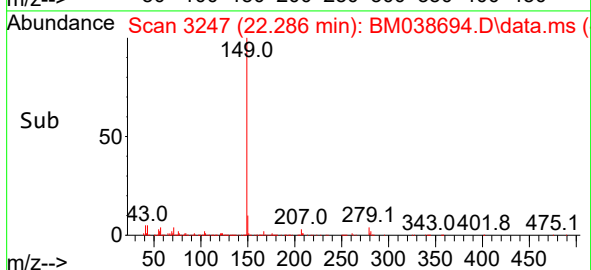
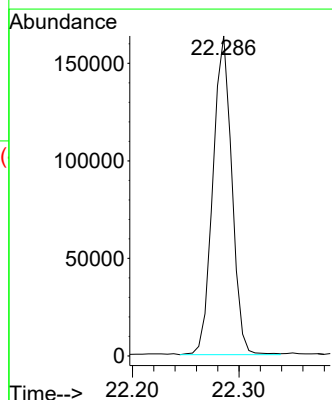
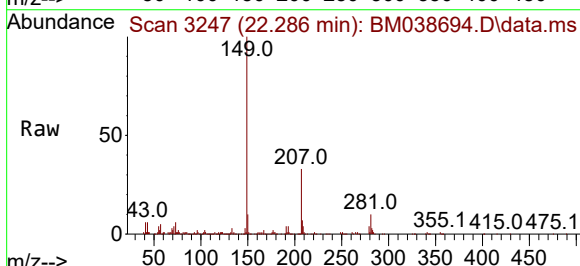
RT: 22.286 min Scan# 3247

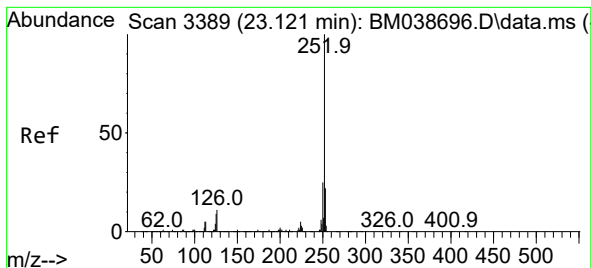
Delta R.T. -0.000 min

Lab File: BM038694.D

Acq: 06 Feb 2023 16:04

Tgt Ion:149 Resp: 201279





#90

Benzo(b)fluoranthene

Concen: 4.694 ng/ul

RT: 23.121 min Scan# 3389

Delta R.T. -0.000 min

Lab File: BM038694.D

Acq: 06 Feb 2023 16:04

Instrument :

BNA_M

ClientSampleId :

SSTD005033

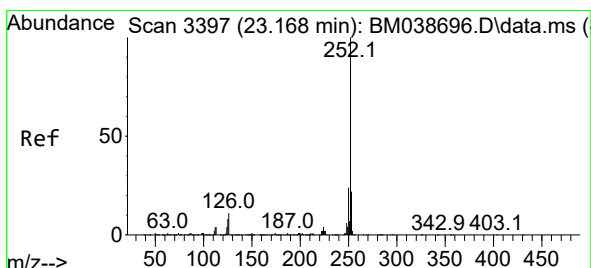
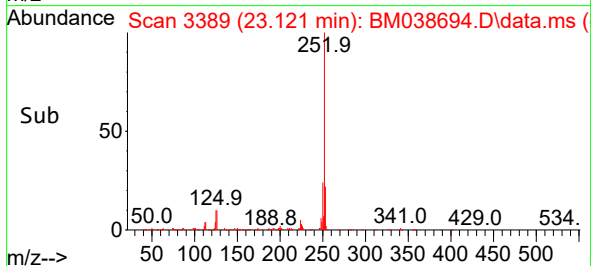
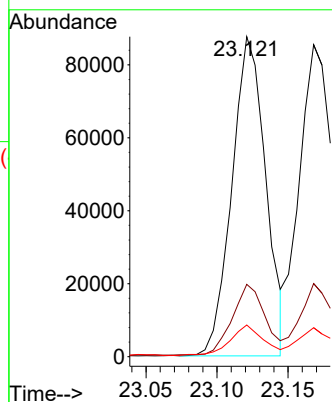
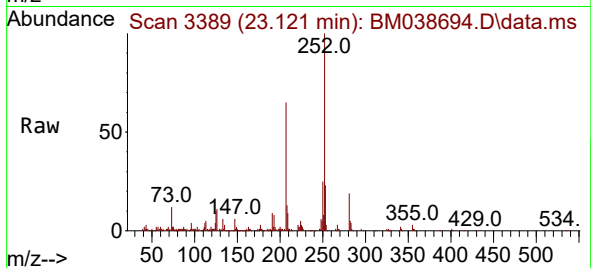
Tgt Ion:252 Resp: 145273

Ion Ratio Lower Upper

252 100

253 22.6 18.1 27.1

125 9.9 7.0 10.6



#91

Benzo(k)fluoranthene

Concen: 4.670 ng/ul

RT: 23.168 min Scan# 3397

Delta R.T. -0.000 min

Lab File: BM038694.D

Acq: 06 Feb 2023 16:04

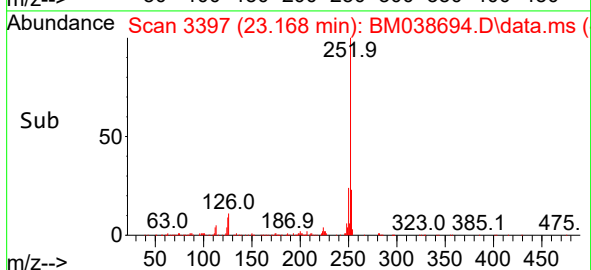
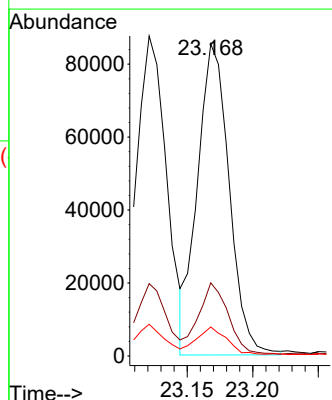
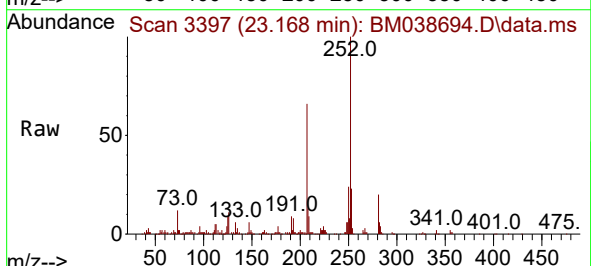
Tgt Ion:252 Resp: 144078

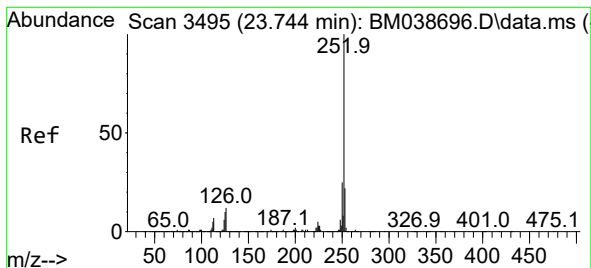
Ion Ratio Lower Upper

252 100

253 23.4 17.4 26.0

125 9.3 6.6 10.0





#93

Benzo(a)pyrene

Concen: 4.311 ng/ul

RT: 23.744 min Scan# 3495

Delta R.T. -0.000 min

Lab File: BM038694.D

Acq: 06 Feb 2023 16:04

Instrument :

BNA_M

ClientSampleId :

SSTD005033

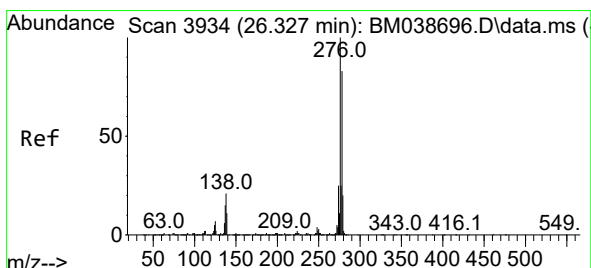
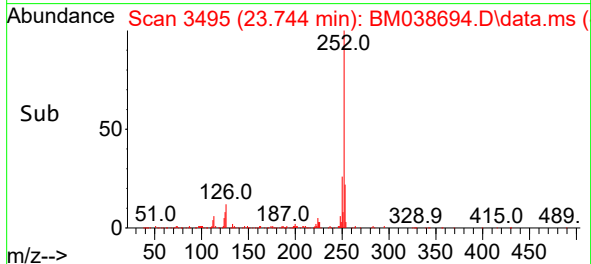
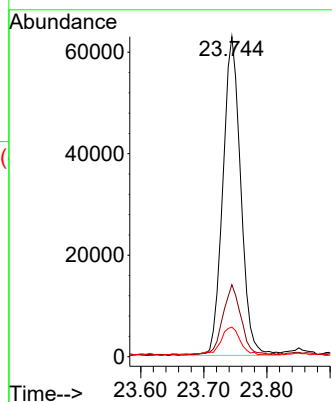
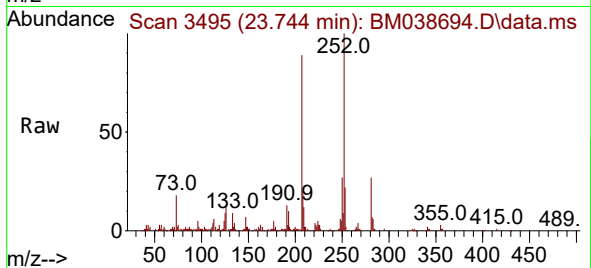
Tgt Ion:252 Resp: 123548

Ion Ratio Lower Upper

252 100

253 22.5 17.6 26.4

125 9.3 8.2 12.2



#94

Indeno(1,2,3-cd)pyrene

Concen: 3.443 ng/ul

RT: 26.327 min Scan# 3934

Delta R.T. -0.000 min

Lab File: BM038694.D

Acq: 06 Feb 2023 16:04

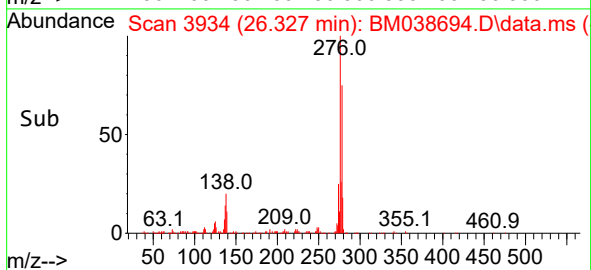
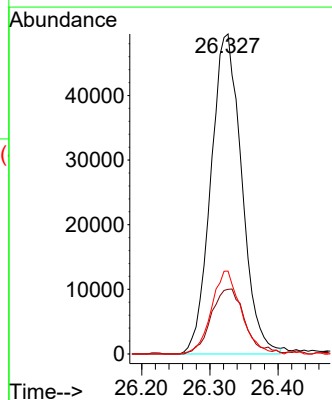
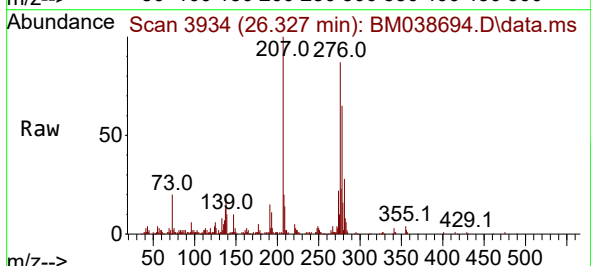
Tgt Ion:276 Resp: 155976

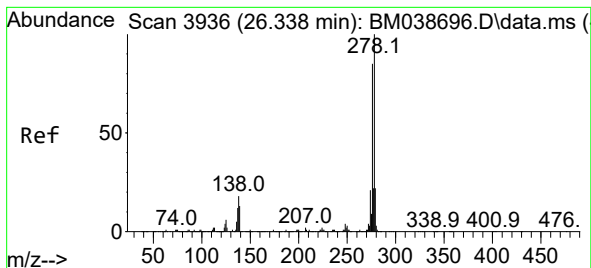
Ion Ratio Lower Upper

276 100

138 20.2 16.7 25.1

277 25.9 20.0 30.0





#95

Dibenzo(a,h)anthracene

Concen: 3.259 ng/ul

RT: 26.338 min Scan# 3936

Delta R.T. -0.000 min

Lab File: BM038694.D

Acq: 06 Feb 2023 16:04

Instrument :

BNA_M

ClientSampleId :

SSTD005033

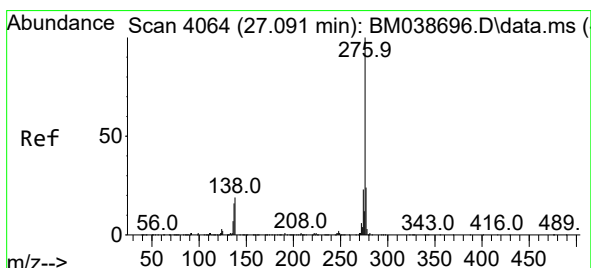
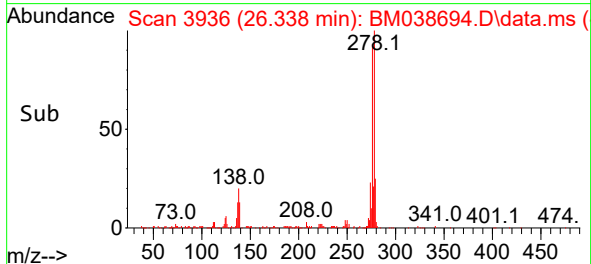
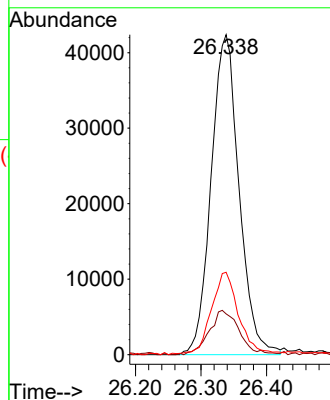
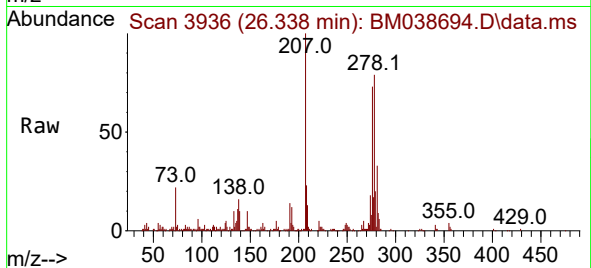
Tgt Ion:278 Resp: 125319

Ion Ratio Lower Upper

278 100

139 12.8 10.7 16.1

279 25.7 17.4 26.2



#96

Benzo(g,h,i)perylene

Concen: 3.485 ng/ul

RT: 27.091 min Scan# 4064

Delta R.T. -0.000 min

Lab File: BM038694.D

Acq: 06 Feb 2023 16:04

Tgt Ion:276 Resp: 128148

Ion Ratio Lower Upper

276 100

138 20.3 15.4 23.0

277 23.0 19.2 28.8

