

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013023\
 Data File : BM038608.D
 Acq On : 30 Jan 2023 16:09
 Operator : CG/JU
 Sample : SST04024
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SST040029

Quant Time: Jan 31 00:22:19 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM013023.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jan 31 00:17:30 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.957	152	28857	20.000	ng/ul	0.00
20) Naphthalene-d8	10.769	136	93217	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.592	164	66453	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.333	188	157829	20.000	ng/ul	0.00
79) Chrysene-d12	21.509	240	195331	20.000	ng/ul	0.00
88) Perylene-d12	23.915	264	265654	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.334	96	12325	15.297	ng/uL	0.00
4) Pyridine-d5	3.763	84	84451	41.671	ng/ul	0.00
7) Phenol-d5	7.122	99	76243	39.582	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.287	67	43137	38.367	ng/ul	0.00
11) 2-Chlorophenol-d4	7.487	132	65490	40.998	ng/ul	0.00
15) 4-Methylphenol-d8	8.675	113	59710	38.851	ng/ul	0.00
21) Nitrobenzene-d5	9.134	128	29364	41.557	ng/ul	0.00
24) 2-Nitrophenol-d4	9.851	143	37894	40.610	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.386	165	83590	40.476	ng/ul	0.00
31) 4-Chloroaniline-d4	10.910	131	78738	39.233	ng/ul	0.00
46) Dimethylphthalate-d6	14.004	166	224292	40.859	ng/ul	0.00
49) Acenaphthylene-d8	14.286	160	247639	42.392	ng/ul	0.00
54) 4-Nitrophenol-d4	14.804	143	31780	41.850	ng/ul	0.00
60) Fluorene-d10	15.580	176	201480	41.042	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.710	200	53017	39.242	ng/ul	0.00
73) Anthracene-d10	17.433	188	332878	41.939	ng/ul	0.00
81) Pyrene-d10	19.721	212	411221	40.857	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.762	264	574904	42.162	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.369	88	14285	16.382	ng/uL	97
5) Pyridine	3.781	79	82236	39.513	ng/ul	94
6) Benzaldehyde	7.098	77	43174	48.611	ng/ul	95
8) Phenol	7.151	94	76721	39.782	ng/ul	94
10) Bis(2-Chloroethyl)ether	7.381	93	52967	38.440	ng/ul	91
12) 2-Chlorophenol	7.516	128	65571	40.907	ng/ul	98
13) 2-Methylphenol	8.404	108	56422	38.506	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.492	45	55905	39.270	ng/ul	98
16) Acetophenone	8.792	105	102220	37.647	ng/ul	92
17) N-Nitroso-di-n-propyla...	8.775	70	51207	41.037	ng/ul#	92
18) 4-Methylphenol	8.739	108	59770	38.430	ng/ul	95
19) Hexachloroethane	9.034	117	32122	39.729	ng/ul	99
22) Nitrobenzene	9.175	77	86255	40.559	ng/ul	98
23) Isophorone	9.698	82	128956	40.073	ng/ul	96
25) 2-Nitrophenol	9.886	139	37517	40.562	ng/ul	95
26) 2,4-Dimethylphenol	9.939	107	81002	40.320	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.181	93	65572	39.962	ng/ul#	98
29) 2,4-Dichlorophenol	10.416	162	80212	40.866	ng/ul	94
30) Naphthalene	10.816	128	188902	40.843	ng/ul	98
32) 4-Chloroaniline	10.939	127	78462	38.961	ng/ul	99
33) Hexachlorobutadiene	11.086	225	75642	37.083	ng/ul	94
34) Caprolactam	11.728	113	11354	29.438	ng/ul	87
35) 4-Chloro-3-methylphenol	12.057	107	64860	41.833	ng/ul#	88
36) 2-Methylnaphthalene	12.422	142	142422	41.401	ng/ul	99

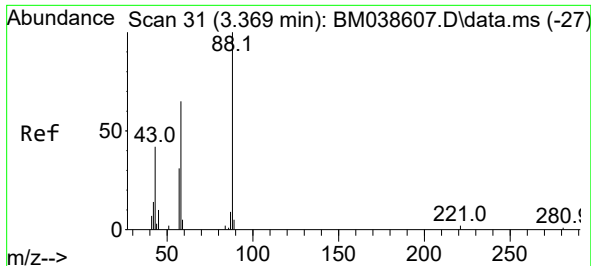
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.639	142	147960	41.666	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.786	216	122940	37.583	ng/ul	97
40) Hexachlorocyclopentadiene	12.757	237	90493	38.767	ng/ul	99
41) 2,4,6-Trichlorophenol	13.033	196	77857	39.093	ng/ul	94
42) 2,4,5-Trichlorophenol	13.104	196	84178	39.578	ng/ul	96
43) 1,1'-Biphenyl	13.427	154	211075	41.308	ng/ul	100
44) 2-Chloronaphthalene	13.474	162	176336	41.541	ng/ul	93
45) 2-Nitroaniline	13.686	65	48423	42.649	ng/ul	90
47) Dimethylphthalate	14.051	163	219542	40.645	ng/ul	99
48) 2,6-Dinitrotoluene	14.180	165	43369	43.353	ng/ul	92
50) Acenaphthylene	14.316	152	244852	41.915	ng/ul	97
51) 3-Nitroaniline	14.510	138	31653	43.958	ng/ul	100
52) Acenaphthene	14.657	153	180150	41.432	ng/ul	97
53) 2,4-Dinitrophenol	14.721	184	31839	39.591	ng/ul	95
55) 4-Nitrophenol	14.816	109	53133	41.705	ng/ul	97
56) Dibenzofuran	14.992	168	264335	40.875	ng/ul	95
57) 2,4-Dinitrotoluene	14.968	165	63484	43.055	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.216	232	73317	39.371	ng/ul	96
59) Diethylphthalate	15.410	149	210909	41.651	ng/ul	96
61) Fluorene	15.639	166	227678	41.804	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.627	204	149368	38.976	ng/ul	95
63) 4-Nitroaniline	15.674	138	28135	48.494	ng/ul	88
66) 4,6-Dinitro-2-methylph...	15.727	198	49600	38.902	ng/ul	94
67) N-Nitrosodiphenylamine	15.845	169	189942	42.686	ng/ul	96
68) 4-Bromophenyl-phenylether	16.521	248	88945	39.996	ng/ul	97
69) Hexachlorobenzene	16.633	284	103110	39.718	ng/ul	96
70) Atrazine	16.798	200	90903	40.714	ng/ul	97
71) Pentachlorophenol	16.986	266	64387	38.773	ng/ul	93
72) Phenanthrene	17.374	178	353586	42.869	ng/ul	98
74) Anthracene	17.468	178	367202	42.514	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.392	216	117016	38.574	ng/ul	99
76) Pentachlorobenzene	14.904	250	121349	38.443	ng/ul	98
77) Carbazole	17.739	167	295056	39.356	ng/ul	99
78) Di-n-butylphthalate	18.292	149	326777	45.052	ng/ul	100
80) Fluoranthene	19.386	202	473397	40.579	ng/ul	99
82) Pyrene	19.751	202	501018	40.468	ng/ul	99
83) Butylbenzylphthalate	20.639	149	158041	44.256	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.427	252	189803	39.554	ng/ul	98
85) Benzo(a)anthracene	21.492	228	565553	40.873	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.403	149	225597	44.397	ng/ul	97
87) Chrysene	21.545	228	520312	40.626	ng/ul	99
89) Di-n-octyl phthalate	22.333	149	426110	37.874	ng/ul	100
90) Benzo(b)fluoranthene	23.180	252	675510	41.129	ng/ul	99
91) Benzo(k)fluoranthene	23.227	252	696915	42.587	ng/ul	99
93) Benzo(a)pyrene	23.809	252	620899	40.823	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.432	276	976659	40.624	ng/ul	99
95) Dibenzo(a,h)anthracene	26.438	278	832761	40.813	ng/ul	100
96) Benzo(g,h,i)perylene	27.203	276	780983	40.022	ng/ul	99

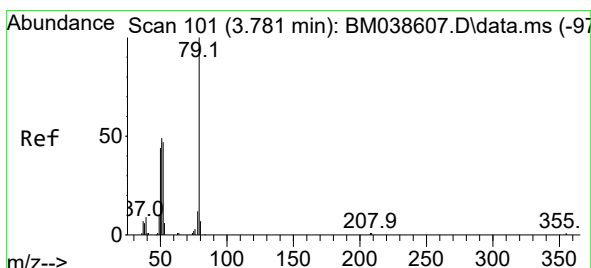
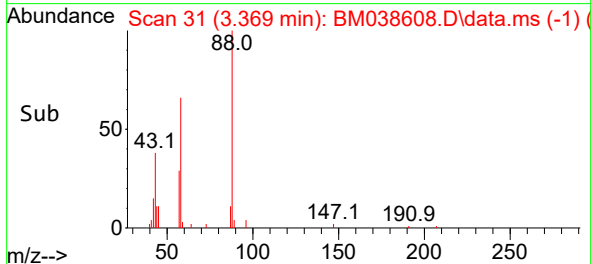
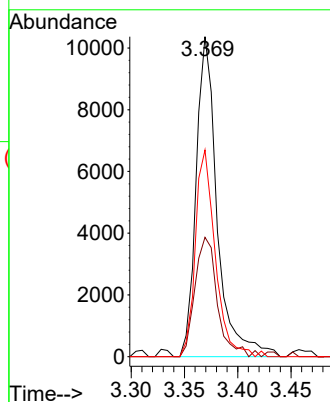
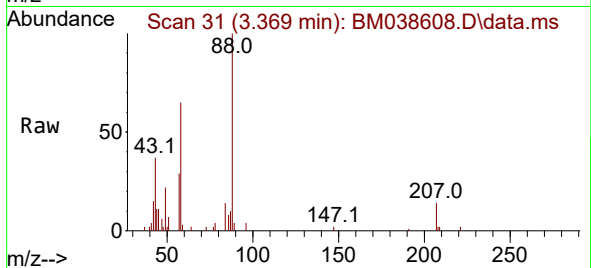
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
1,4-Dioxane
Concen: 16.382 ng/uL
RT: 3.369 min Scan# 31
Delta R.T. -0.000 min
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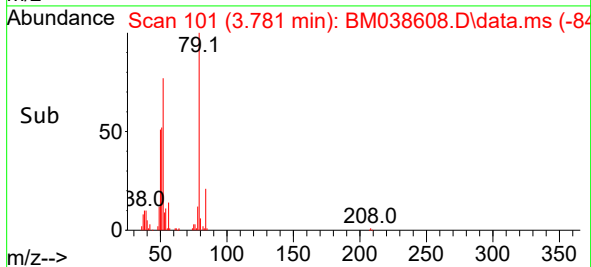
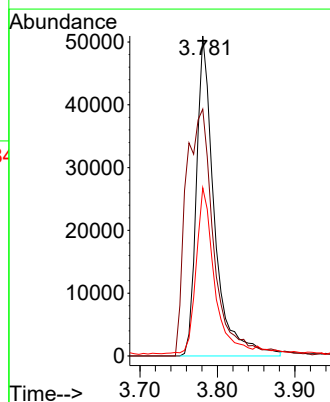
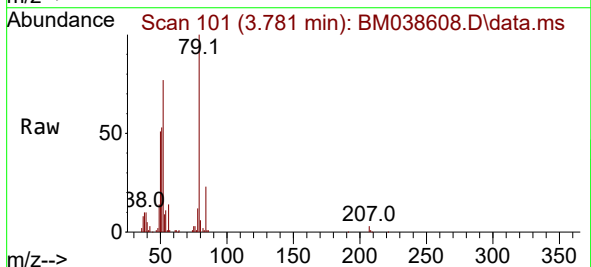
Instrument :
BNA_M
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SSTD040029

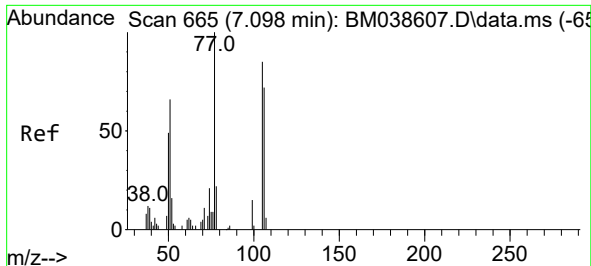
Tgt Ion: 88 Resp: 14285
Ion Ratio Lower Upper
88 100
43 37.3 33.8 50.8
58 64.6 52.1 78.1



#5
Pyridine
Concen: 39.513 ng/uL
RT: 3.781 min Scan# 101
Delta R.T. -0.000 min
Lab File: BM038608.D
Acq: 30 Jan 2023 16:09

Tgt Ion: 79 Resp: 82236
Ion Ratio Lower Upper
79 100
52 77.1 67.4 101.0
51 52.6 40.7 61.1

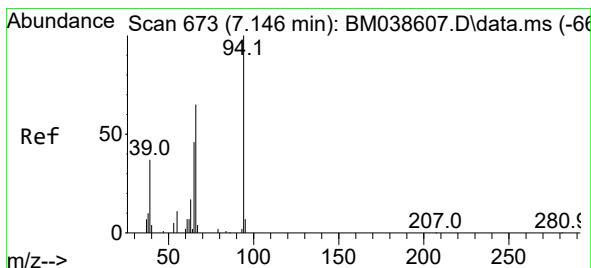
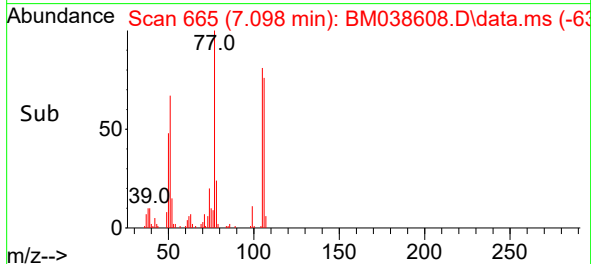
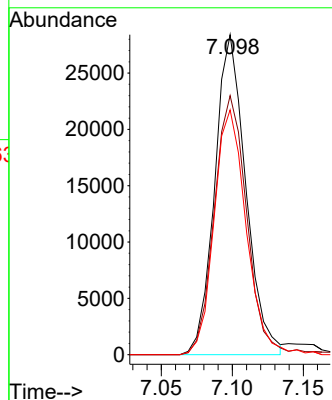
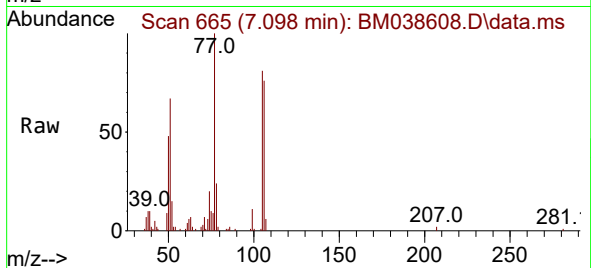




#6
Benzaldehyde
Concen: 48.611 ng/ul
RT: 7.098 min Scan# 665
Delta R.T. -0.000 min
Lab File: BM038608.D
Acq: 30 Jan 2023 16:09

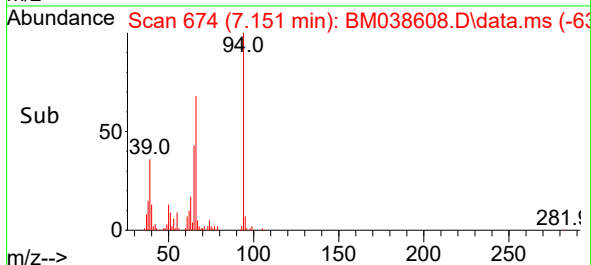
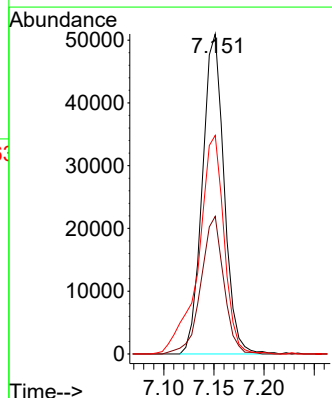
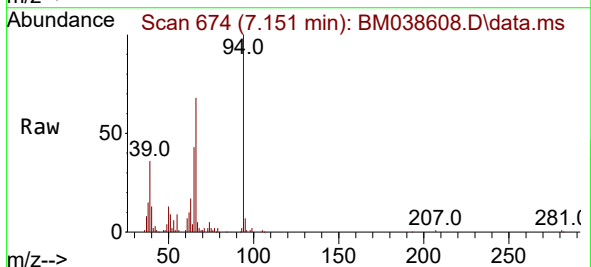
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ClientSampleId :
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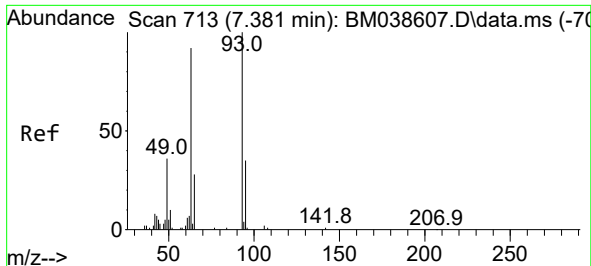
Tgt Ion: 77 Resp: 43174
Ion Ratio Lower Upper
77 100
105 81.0 68.3 102.5
106 76.5 57.7 86.5



#8
Phenol
Concen: 39.782 ng/ul
RT: 7.151 min Scan# 674
Delta R.T. 0.006 min
Lab File: BM038608.D
Acq: 30 Jan 2023 16:09

Tgt Ion: 94 Resp: 76721
Ion Ratio Lower Upper
94 100
65 43.0 38.2 57.2
66 68.3 57.9 86.9

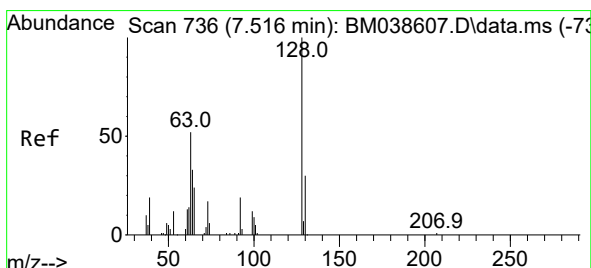
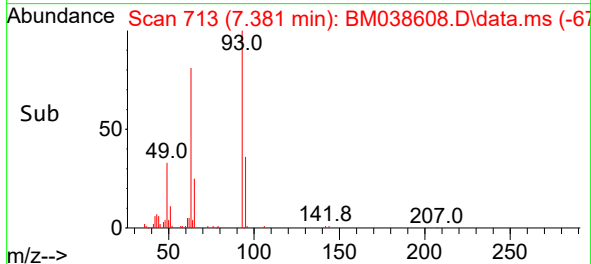
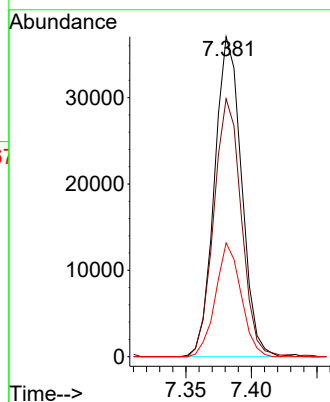
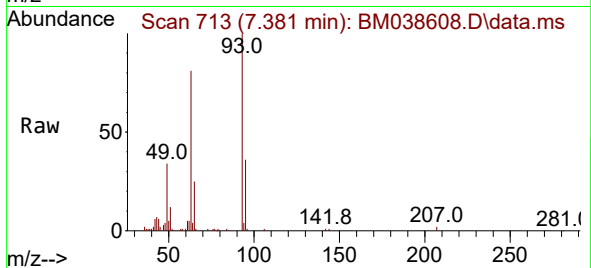




#10
Bis(2-Chloroethyl)ether
Concen: 38.440 ng/ul
RT: 7.381 min Scan# 713
Delta R.T. -0.000 min
Lab File: BM038608.D
Acq: 30 Jan 2023 16:09

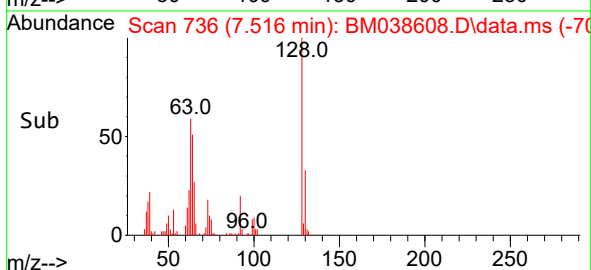
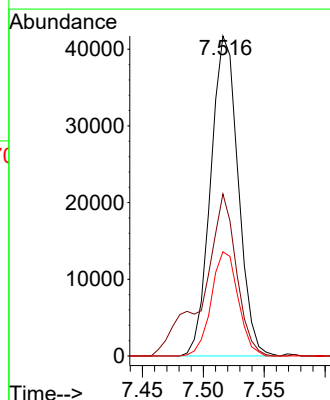
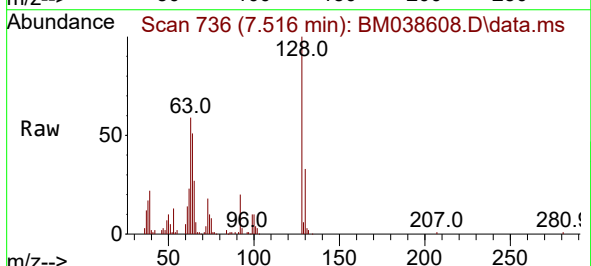
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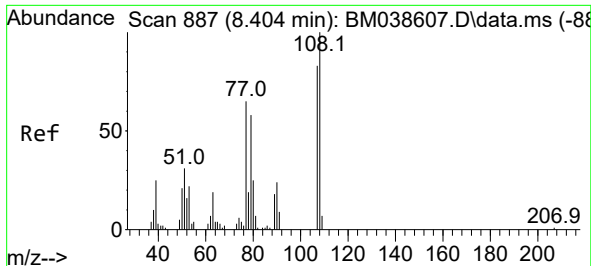
Tgt Ion: 93 Resp: 52967
Ion Ratio Lower Upper
93 100
63 80.6 73.9 110.9
95 35.6 28.0 42.0



#12
2-Chlorophenol
Concen: 40.907 ng/ul
RT: 7.516 min Scan# 736
Delta R.T. -0.000 min
Lab File: BM038608.D
Acq: 30 Jan 2023 16:09

Tgt Ion: 128 Resp: 65571
Ion Ratio Lower Upper
128 100
64 50.7 40.0 60.0
130 32.5 24.4 36.6

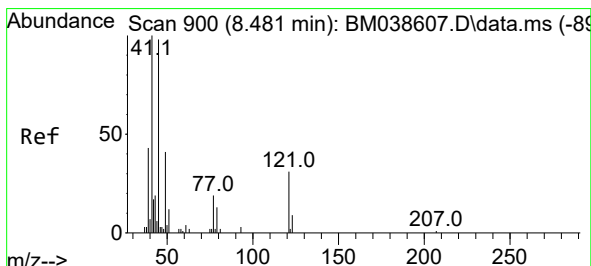
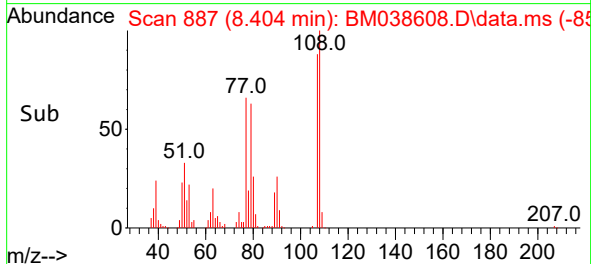
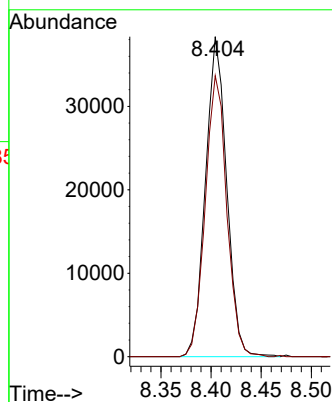
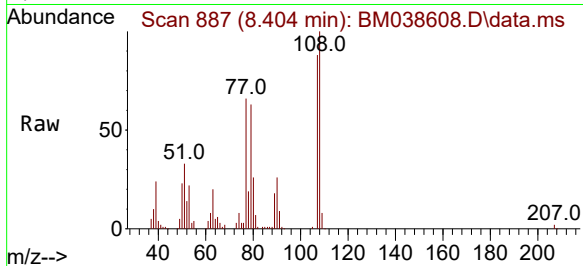




#13
2-Methylphenol
Concen: 38.506 ng/ul
RT: 8.404 min Scan# 887
Delta R.T. -0.000 min
Lab File: BM038608.D
Acq: 30 Jan 2023 16:09

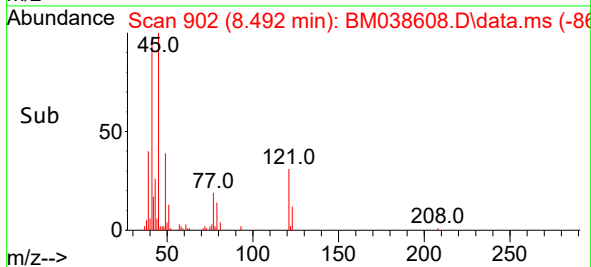
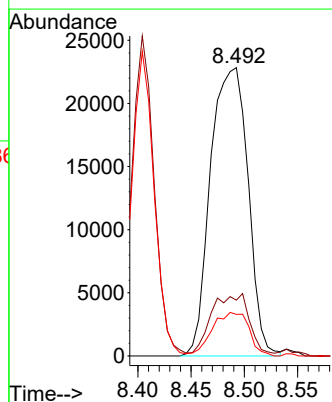
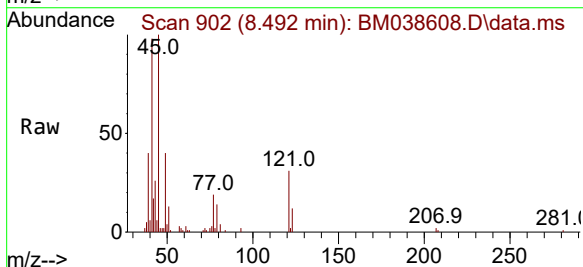
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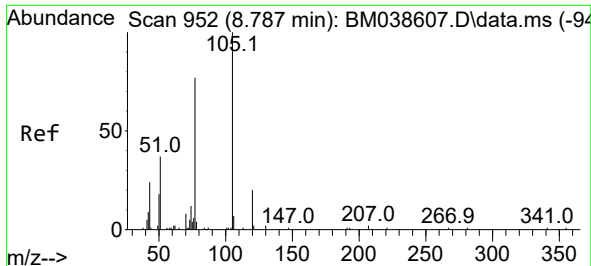
Tgt Ion:108 Resp: 56422
Ion Ratio Lower Upper
108 100
107 87.8 66.6 100.0



#14
2,2'-oxybis(1-Chloropropane)
Concen: 39.270 ng/ul
RT: 8.492 min Scan# 902
Delta R.T. 0.012 min
Lab File: BM038608.D
Acq: 30 Jan 2023 16:09

Tgt Ion: 45 Resp: 55905
Ion Ratio Lower Upper
45 100
77 19.3 16.9 25.3
79 14.4 11.8 17.6

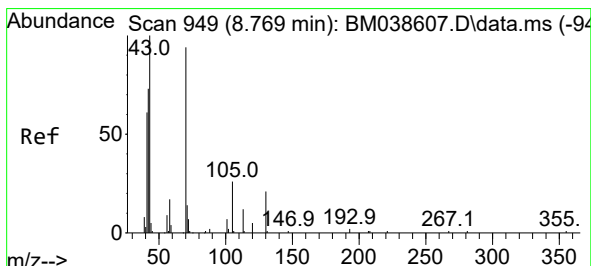
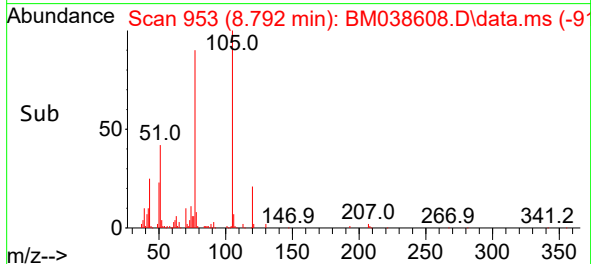
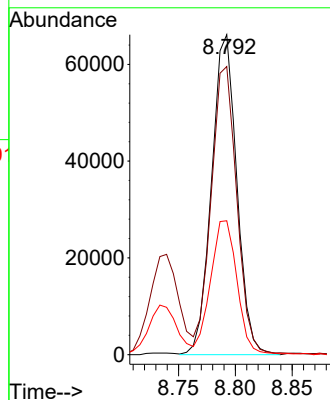
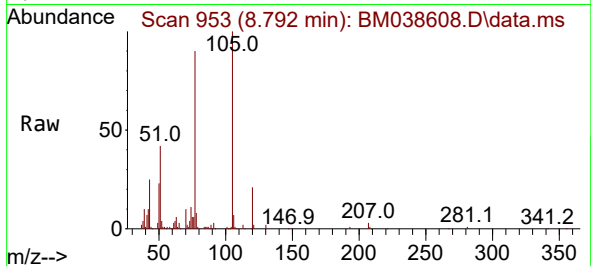




#16
 Acetophenone
 Concen: 37.647 ng/ul
 RT: 8.792 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: BM038608.D
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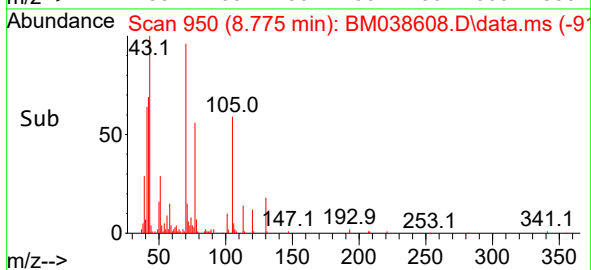
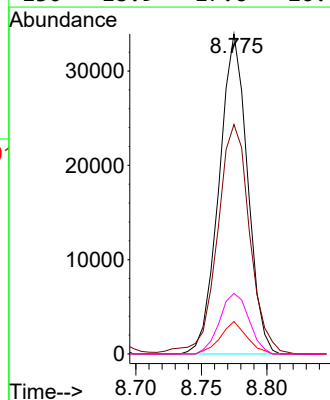
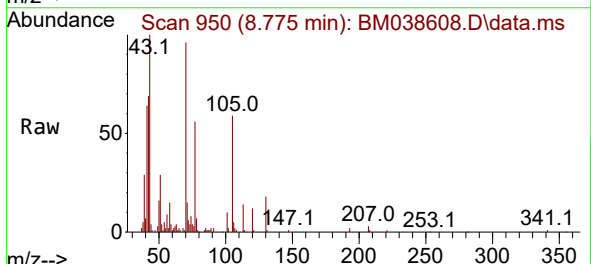
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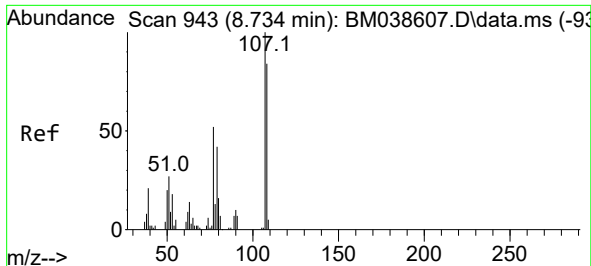
Tgt Ion:105 Resp: 102220
 Ion Ratio Lower Upper
 105 100
 77 90.0 78.6 117.8
 51 41.9 37.2 55.8



#17
 N-Nitroso-di-n-propylamine
 Concen: 41.037 ng/ul
 RT: 8.775 min Scan# 950
 Delta R.T. 0.006 min
 Lab File: BM038608.D
 Acq: 30 Jan 2023 16:09

Tgt Ion: 70 Resp: 51207
 Ion Ratio Lower Upper
 70 100
 42 71.7 63.6 95.4
 101 10.2 6.3 9.5#
 130 18.9 17.6 26.4

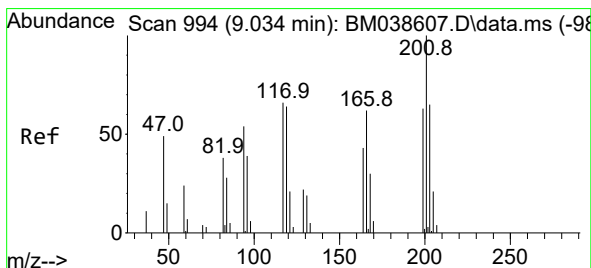
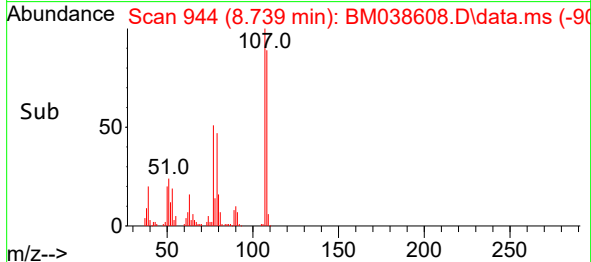
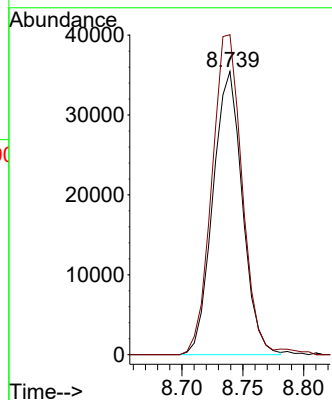
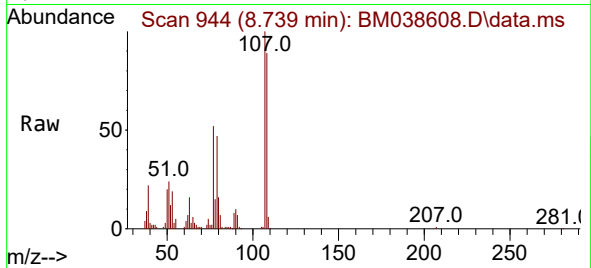




#18
4-Methylphenol
Concen: 38.430 ng/ul
RT: 8.739 min Scan# 943
Delta R.T. 0.006 min
Lab File: BM038608.D
Acq: 30 Jan 2023 16:09

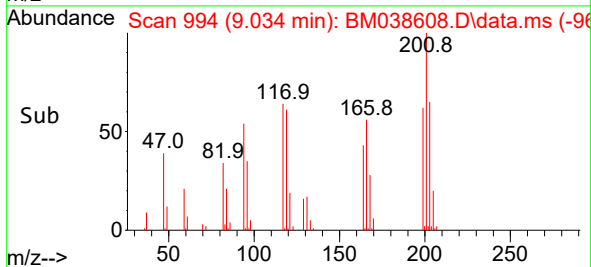
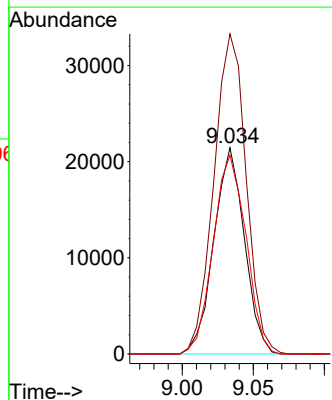
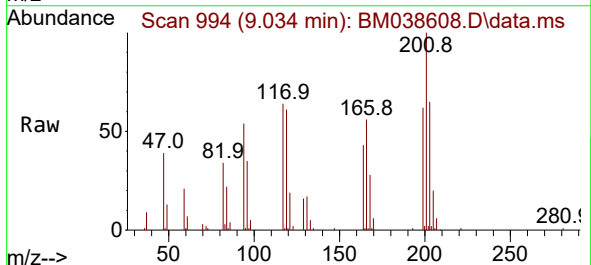
Instrument :
BNA_M
ClientSampleId :
SSTD040029

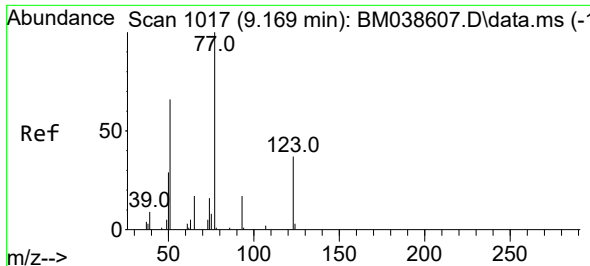
Tgt Ion:108 Resp: 59770
Ion Ratio Lower Upper
108 100
107 113.0 95.1 142.7



#19
Hexachloroethane
Concen: 39.729 ng/ul
RT: 9.034 min Scan# 994
Delta R.T. -0.000 min
Lab File: BM038608.D
Acq: 30 Jan 2023 16:09

Tgt Ion:117 Resp: 32122
Ion Ratio Lower Upper
117 100
201 155.2 124.4 186.6
199 96.3 76.3 114.5

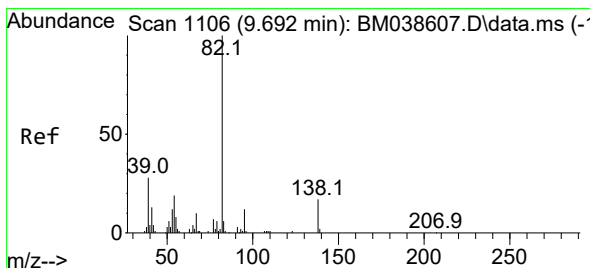
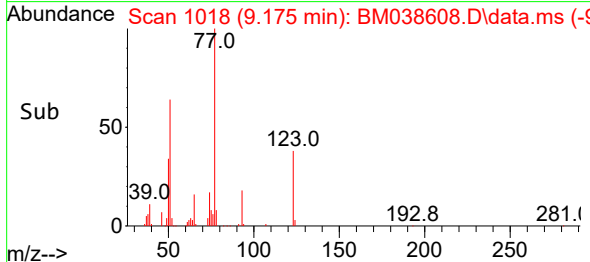
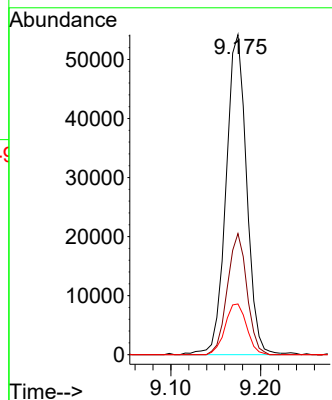
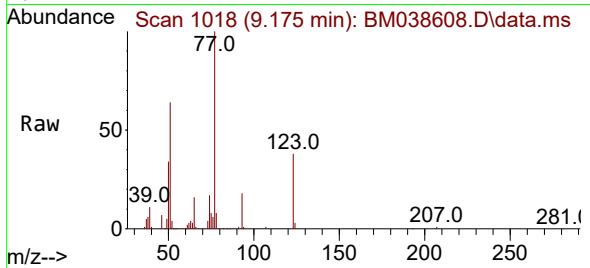




#22
Nitrobenzene
Concen: 40.559 ng/ul
RT: 9.175 min Scan# 1017
Delta R.T. 0.006 min
Lab File: BM038608.D
Acq: 30 Jan 2023 16:09

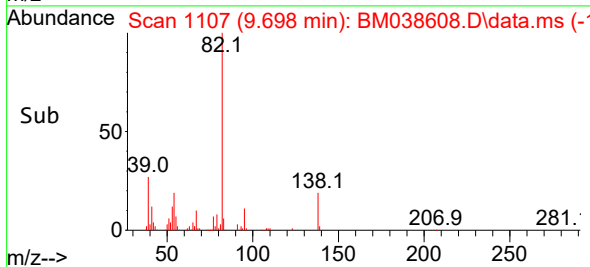
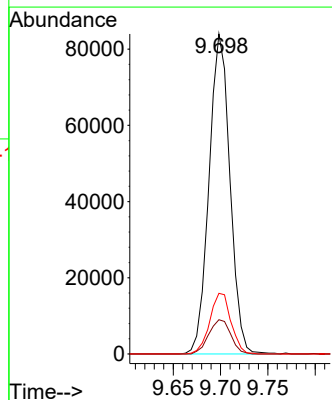
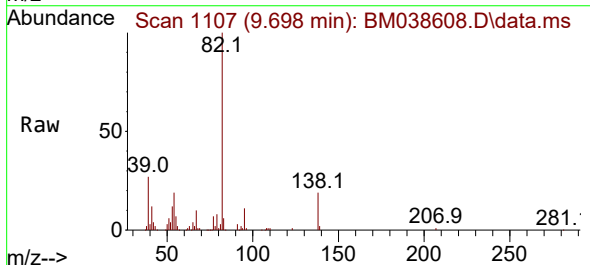
Instrument :
BNA_M
ClientSampleId :
SSTD040029

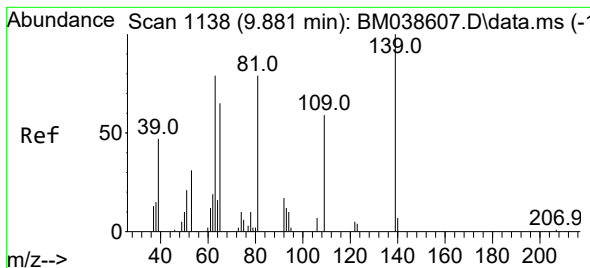
Tgt Ion: 77 Resp: 86255
Ion Ratio Lower Upper
77 100
123 37.8 29.5 44.3
65 15.9 13.6 20.4



#23
Isophorone
Concen: 40.073 ng/ul
RT: 9.698 min Scan# 1107
Delta R.T. 0.006 min
Lab File: BM038608.D
Acq: 30 Jan 2023 16:09

Tgt Ion: 82 Resp: 128956
Ion Ratio Lower Upper
82 100
95 10.7 9.3 13.9
138 19.0 13.4 20.0

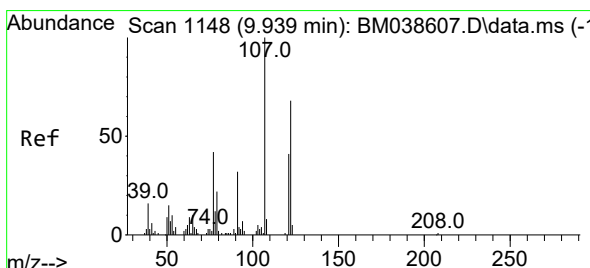
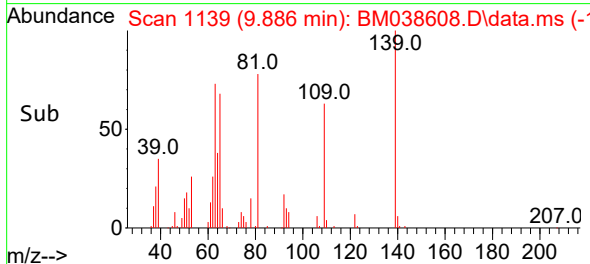
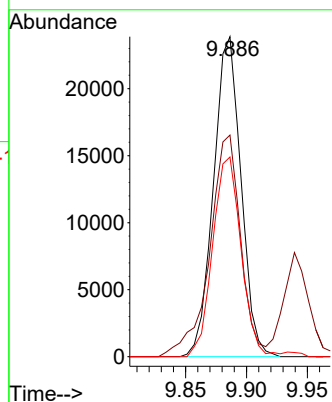
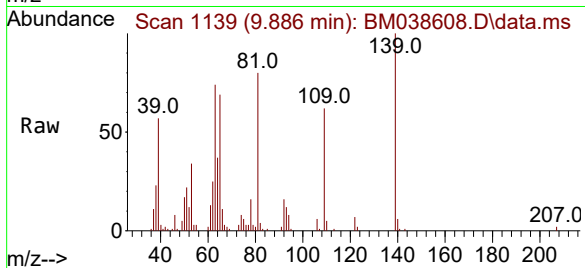




#25
2-Nitrophenol
Concen: 40.562 ng/ul
RT: 9.886 min Scan# 1138
Delta R.T. 0.006 min
Lab File: BM038608.D
Acq: 30 Jan 2023 16:09

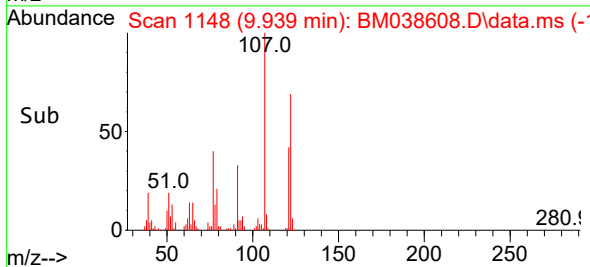
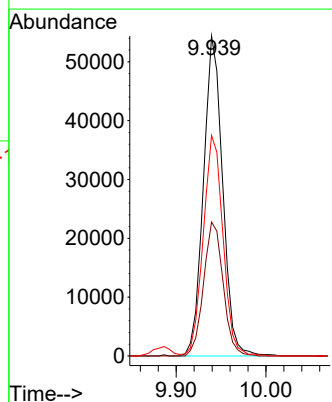
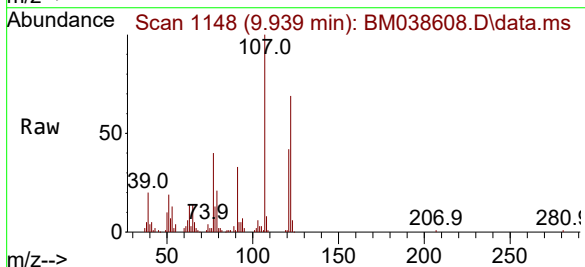
Instrument :
BNA_M
ClientSampleId :
SSTD040029

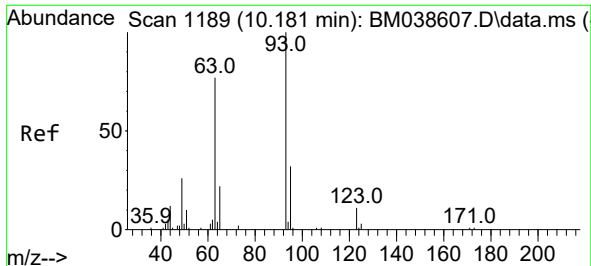
Tgt Ion:139 Resp: 37517
Ion Ratio Lower Upper
139 100
65 69.2 58.6 87.8
109 62.4 46.8 70.2



#26
2,4-Dimethylphenol
Concen: 40.320 ng/ul
RT: 9.939 min Scan# 1148
Delta R.T. -0.000 min
Lab File: BM038608.D
Acq: 30 Jan 2023 16:09

Tgt Ion:107 Resp: 81002
Ion Ratio Lower Upper
107 100
121 41.8 32.6 48.8
122 68.9 54.8 82.2





#27

Bis(2-Chloroethoxy)methane

Concen: 39.962 ng/ul

RT: 10.181 min Scan# 1189

Delta R.T. -0.000 min

Lab File: BM038608.D

Acq: 30 Jan 2023 16:09

Instrument :

BNA_M

ClientSampleId :

SSTD040029

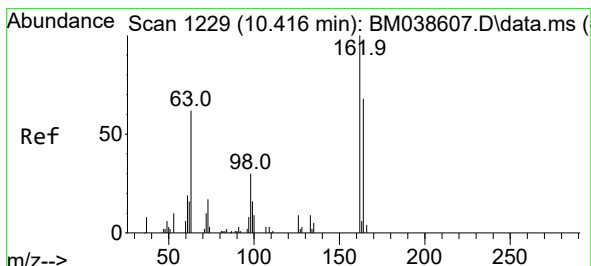
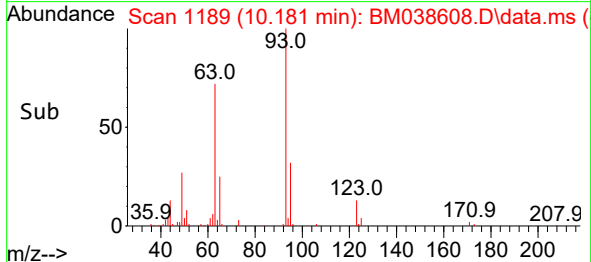
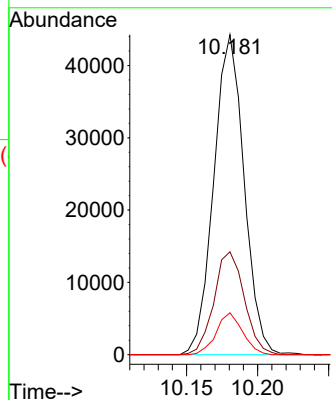
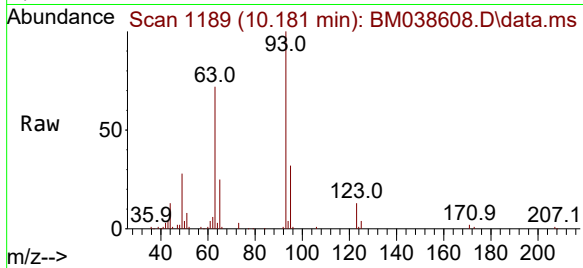
Tgt Ion: 93 Resp: 65572

Ion Ratio Lower Upper

93 100

95 32.2 25.3 37.9

123 13.1 8.6 13.0#



#29

2,4-Dichlorophenol

Concen: 40.866 ng/ul

RT: 10.416 min Scan# 1229

Delta R.T. -0.000 min

Lab File: BM038608.D

Acq: 30 Jan 2023 16:09

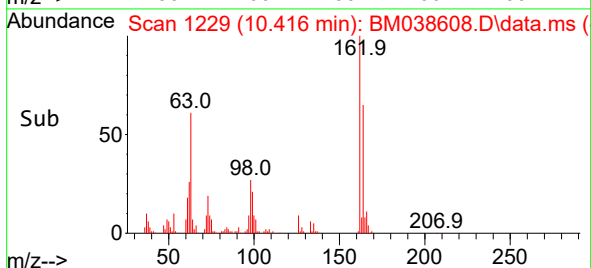
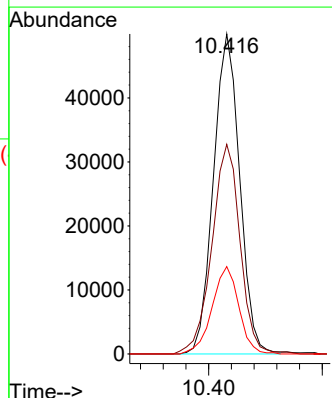
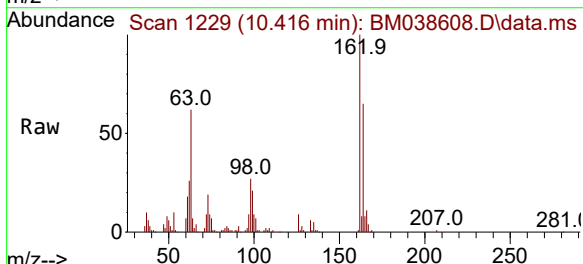
Tgt Ion:162 Resp: 80212

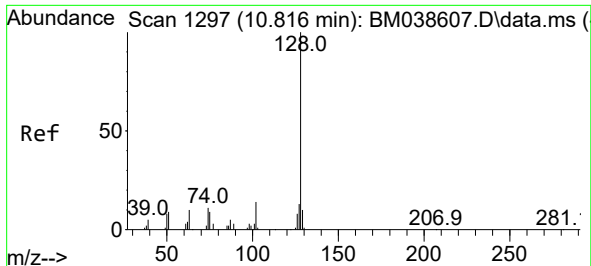
Ion Ratio Lower Upper

162 100

164 65.5 56.3 84.5

98 27.3 24.6 37.0

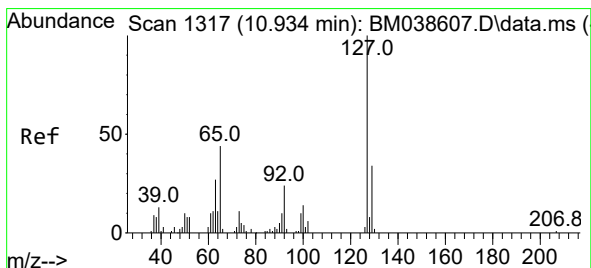
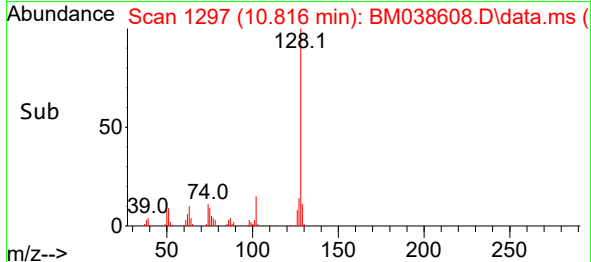
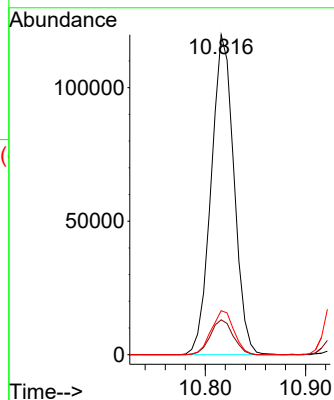
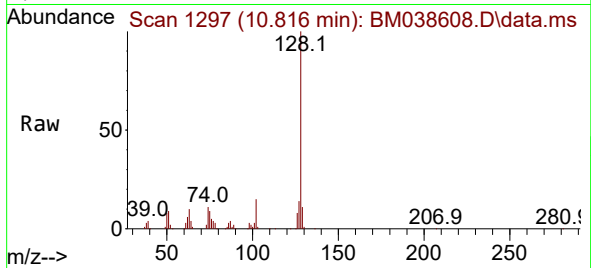




#30
Naphthalene
Concen: 40.843 ng/ul
RT: 10.816 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM038608.D
Acq: 30 Jan 2023 16:09

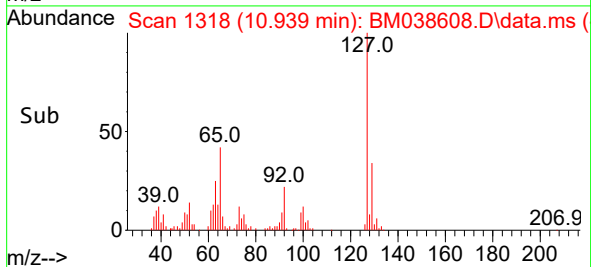
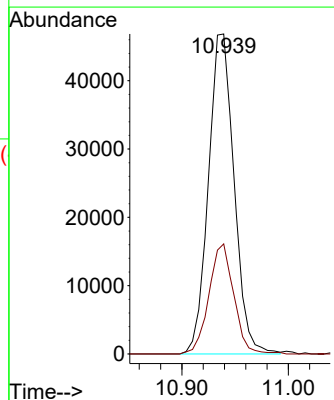
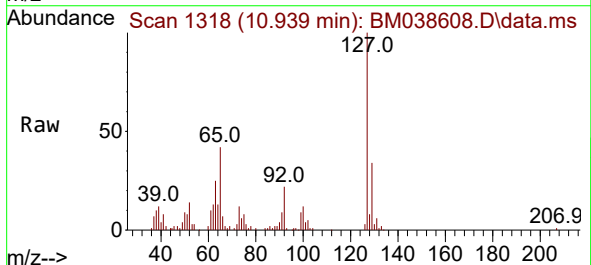
Instrument :
BNA_M
ClientSampleId :
SSTD040029

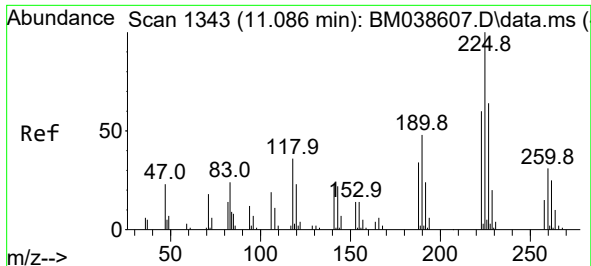
Tgt Ion:128 Resp: 188902
Ion Ratio Lower Upper
128 100
129 10.9 8.0 12.0
127 13.8 10.5 15.7



#32
4-Chloroaniline
Concen: 38.961 ng/ul
RT: 10.939 min Scan# 1318
Delta R.T. 0.006 min
Lab File: BM038608.D
Acq: 30 Jan 2023 16:09

Tgt Ion:127 Resp: 78462
Ion Ratio Lower Upper
127 100
129 34.4 26.9 40.3

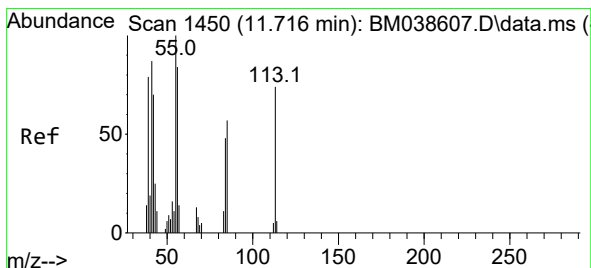
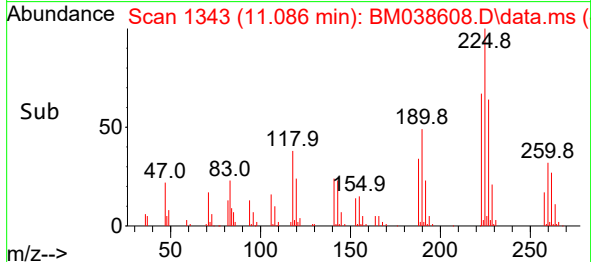
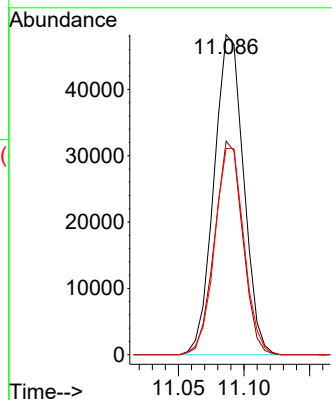
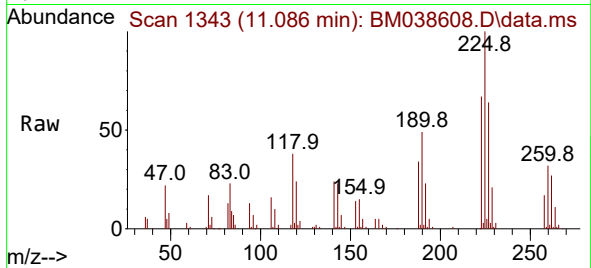




#33
Hexachlorobutadiene
Concen: 37.083 ng/ul
RT: 11.086 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM038608.D
Acq: 30 Jan 2023 16:09

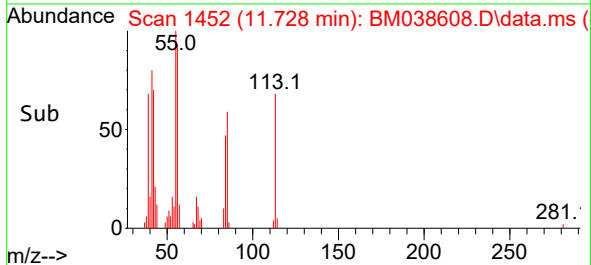
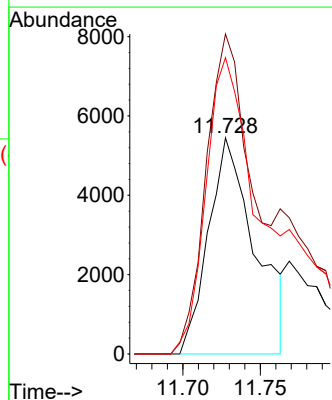
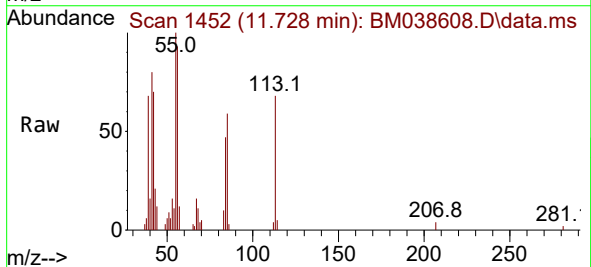
Instrument :
BNA_M
ClientSampleId :
SSTD040029

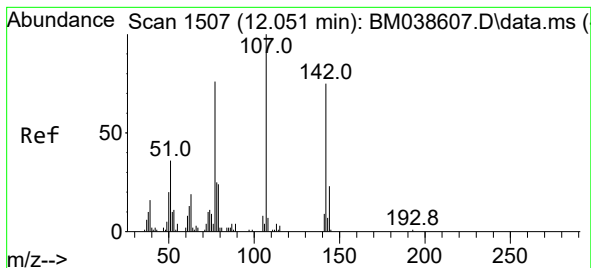
Tgt Ion:225 Resp: 75642
Ion Ratio Lower Upper
225 100
223 66.7 48.0 72.0
227 64.5 53.6 80.4



#34
Caprolactam
Concen: 29.438 ng/ul
RT: 11.728 min Scan# 1452
Delta R.T. 0.012 min
Lab File: BM038608.D
Acq: 30 Jan 2023 16:09

Tgt Ion:113 Resp: 11354
Ion Ratio Lower Upper
113 100
55 148.0 107.6 161.4
56 137.1 96.5 144.7

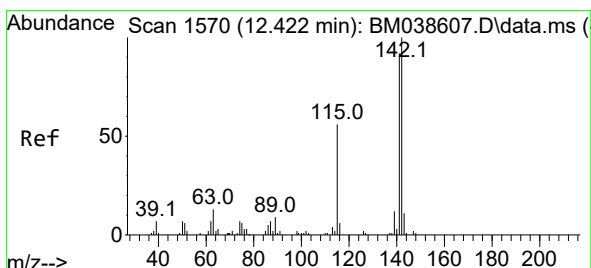
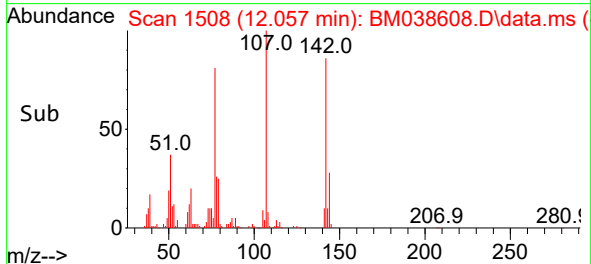
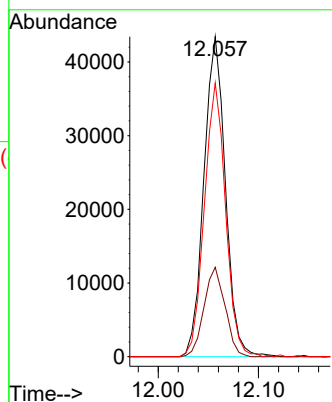
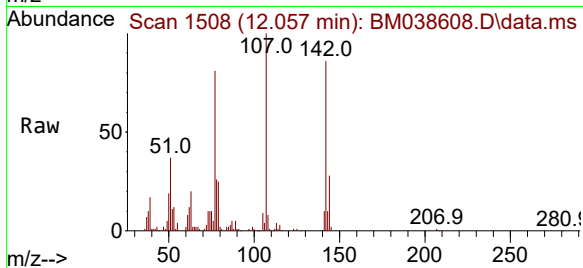




#35
4-Chloro-3-methylphenol
Concen: 41.833 ng/ul
RT: 12.057 min Scan# 1507
Delta R.T. 0.006 min
Lab File: BM038608.D
Acq: 30 Jan 2023 16:09

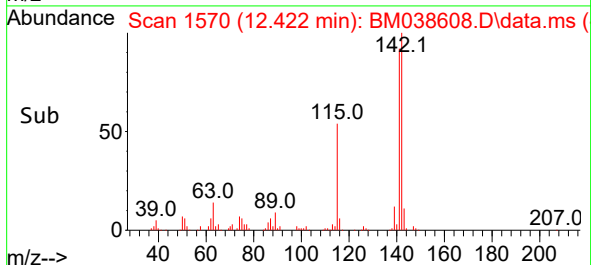
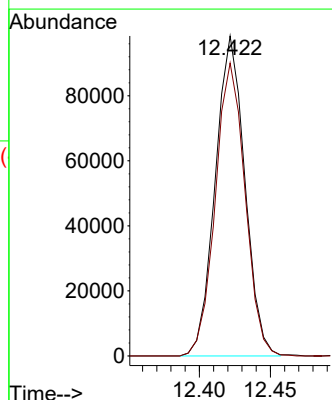
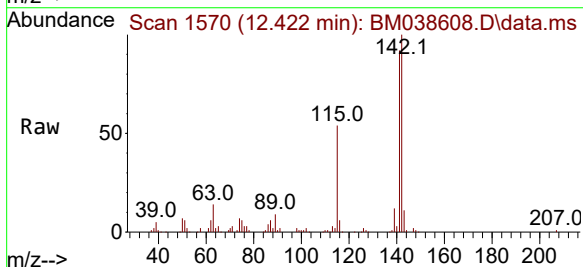
Instrument :
BNA_M
ClientSampleId :
SSTD040029

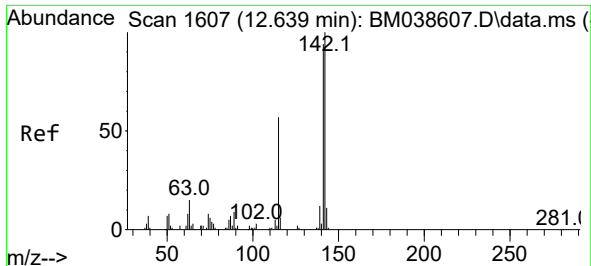
Tgt Ion:107 Resp: 64860
Ion Ratio Lower Upper
107 100
144 27.9 18.1 27.1#
142 85.5 60.2 90.4



#36
2-Methylnaphthalene
Concen: 41.401 ng/ul
RT: 12.422 min Scan# 1570
Delta R.T. -0.000 min
Lab File: BM038608.D
Acq: 30 Jan 2023 16:09

Tgt Ion:142 Resp: 142422
Ion Ratio Lower Upper
142 100
141 91.5 73.7 110.5





#37

1-Methylnaphthalene

Concen: 41.666 ng/ul

RT: 12.639 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM038608.D

Acq: 30 Jan 2023 16:09

Instrument :

BNA_M

ClientSampleId :

SSTD040029

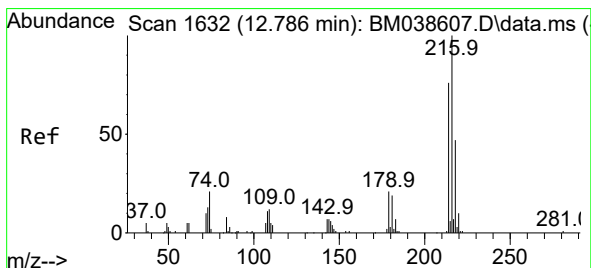
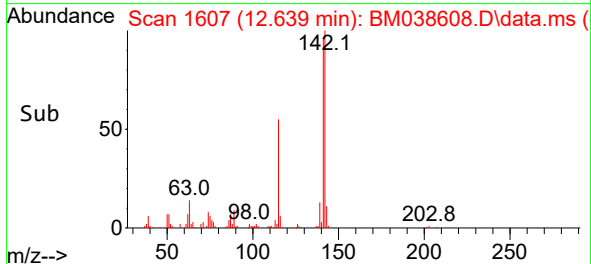
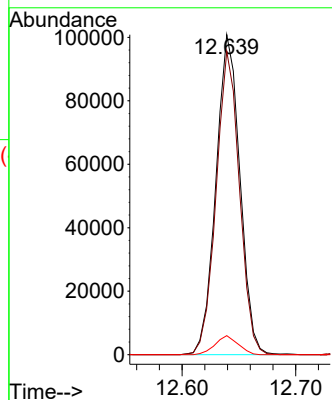
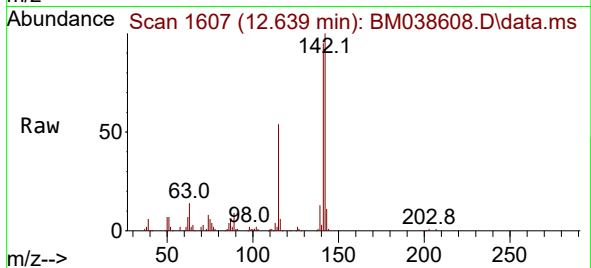
Tgt Ion:142 Resp: 147960

Ion Ratio Lower Upper

142 100

141 94.8 75.2 112.8

116 5.9 5.0 7.4



#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.583 ng/ul

RT: 12.786 min Scan# 1632

Delta R.T. -0.000 min

Lab File: BM038608.D

Acq: 30 Jan 2023 16:09

Tgt Ion:216 Resp: 122940

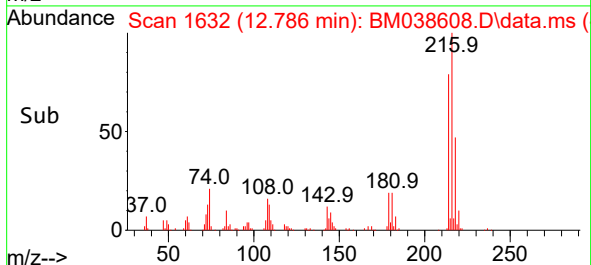
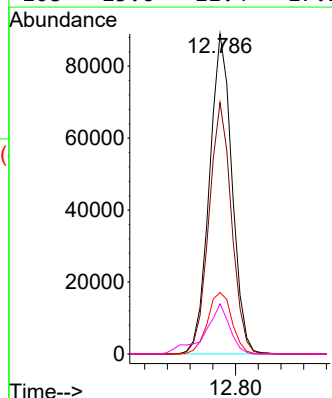
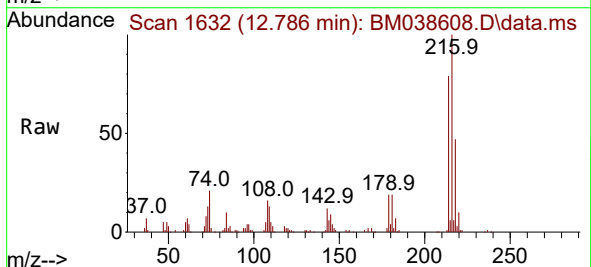
Ion Ratio Lower Upper

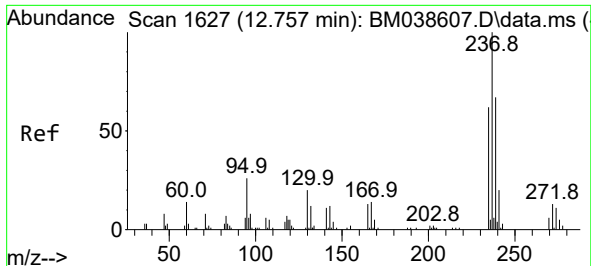
216 100

214 78.5 61.1 91.7

179 19.2 17.0 25.4

108 15.6 11.4 17.2

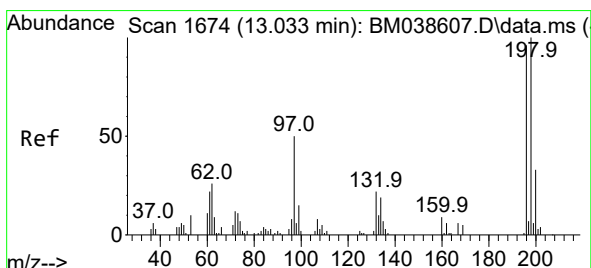
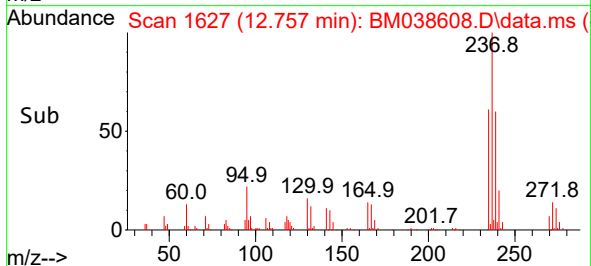
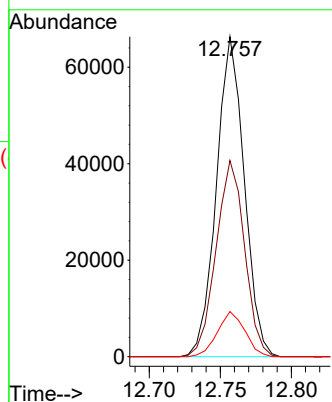
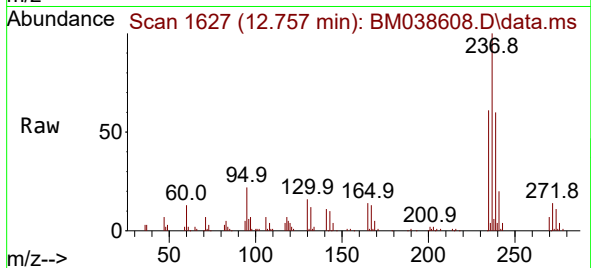




#40
Hexachlorocyclopentadiene
Concen: 38.767 ng/ul
RT: 12.757 min Scan# 1627
Delta R.T. -0.000 min
Lab File: BM038608.D
Acq: 30 Jan 2023 16:09

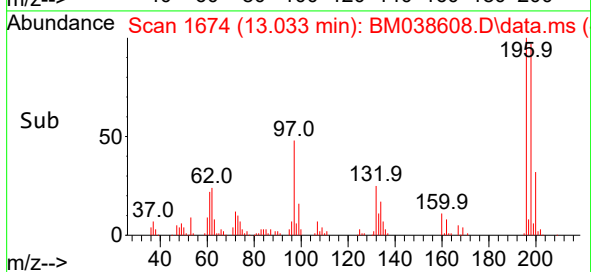
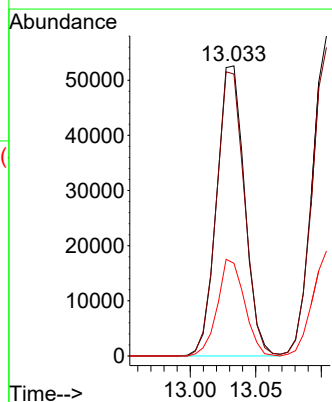
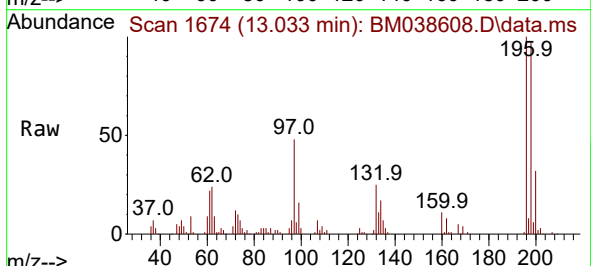
Instrument :
BNA_M
ClientSampleId :
SSTD040029

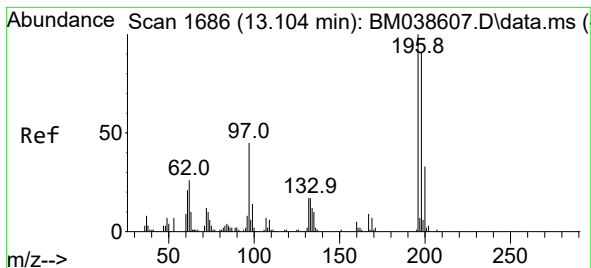
Tgt Ion:237 Resp: 90493
Ion Ratio Lower Upper
237 100
235 61.3 49.2 73.8
272 14.7 11.0 16.6



#41
2,4,6-Trichlorophenol
Concen: 39.093 ng/ul
RT: 13.033 min Scan# 1674
Delta R.T. -0.000 min
Lab File: BM038608.D
Acq: 30 Jan 2023 16:09

Tgt Ion:196 Resp: 77857
Ion Ratio Lower Upper
196 100
198 97.2 83.6 125.4
200 31.9 27.5 41.3

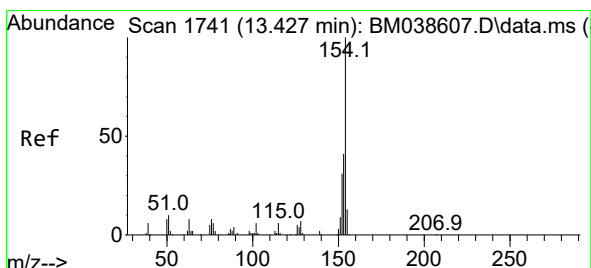
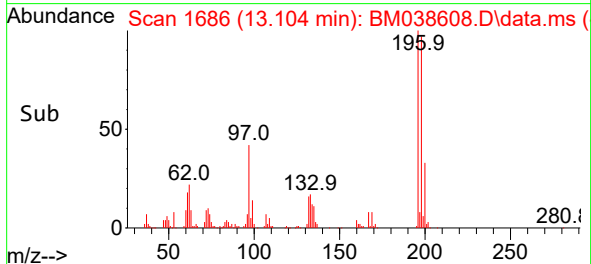
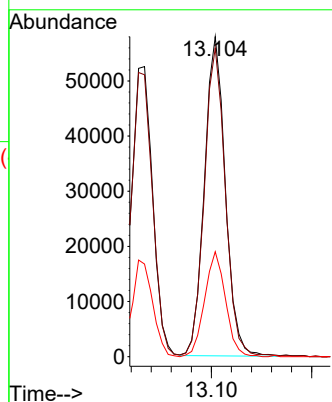
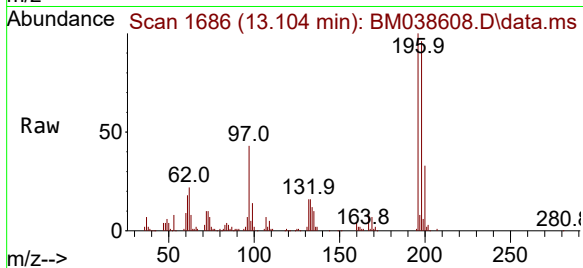




#42
2,4,5-Trichlorophenol
Concen: 39.578 ng/ul
RT: 13.104 min Scan# 1686
Delta R.T. -0.000 min
Lab File: BM038608.D
Acq: 30 Jan 2023 16:09

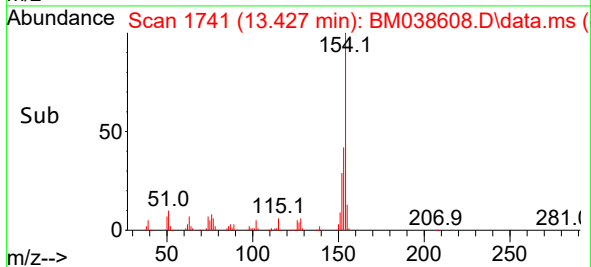
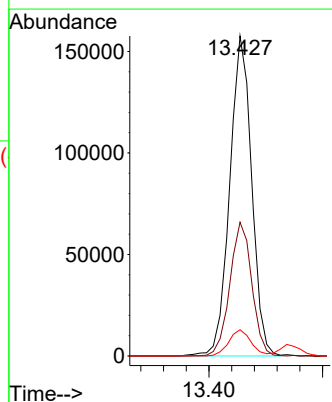
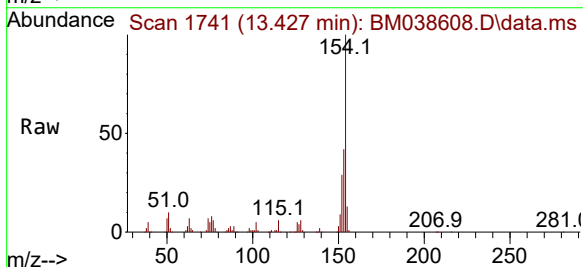
Instrument :
BNA_M
ClientSampleId :
SSTD040029

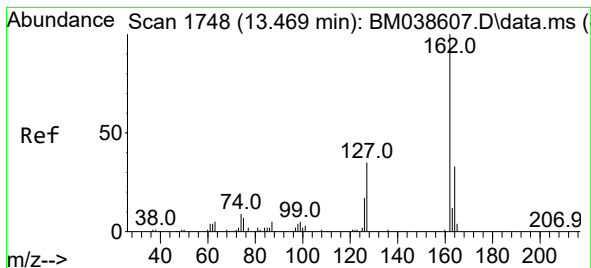
Tgt Ion:196 Resp: 84178
Ion Ratio Lower Upper
196 100
198 96.5 73.2 109.8
200 32.8 25.8 38.8



#43
1,1'-Biphenyl
Concen: 41.308 ng/ul
RT: 13.427 min Scan# 1741
Delta R.T. -0.000 min
Lab File: BM038608.D
Acq: 30 Jan 2023 16:09

Tgt Ion:154 Resp: 211075
Ion Ratio Lower Upper
154 100
153 41.8 33.2 49.8
76 8.2 6.7 10.1





#44

2-Chloronaphthalene

Concen: 41.541 ng/ul

RT: 13.474 min Scan# 1

Delta R.T. 0.006 min

Lab File: BM038608.D

Acq: 30 Jan 2023 16:09

Instrument :

BNA_M

ClientSampleId :

SSTD040029

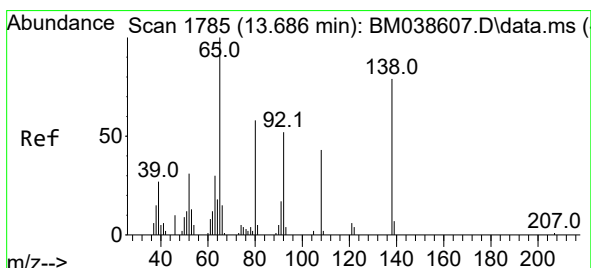
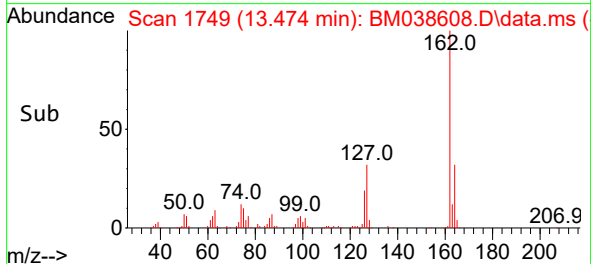
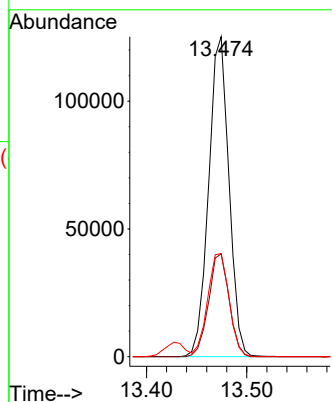
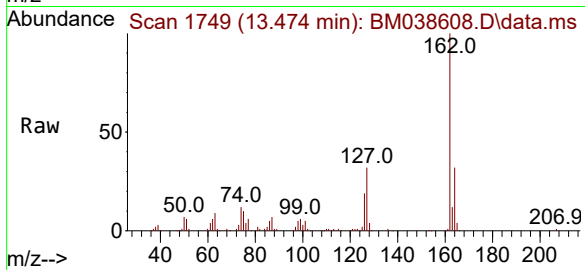
Tgt Ion:162 Resp: 176336

Ion Ratio Lower Upper

162 100

164 32.1 26.6 40.0

127 32.2 31.6 47.4



#45

2-Nitroaniline

Concen: 42.649 ng/ul

RT: 13.686 min Scan# 1785

Delta R.T. -0.000 min

Lab File: BM038608.D

Acq: 30 Jan 2023 16:09

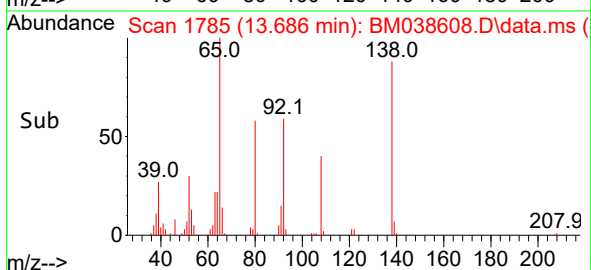
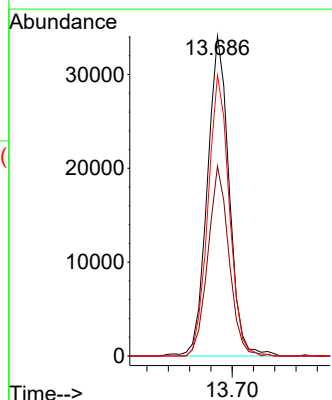
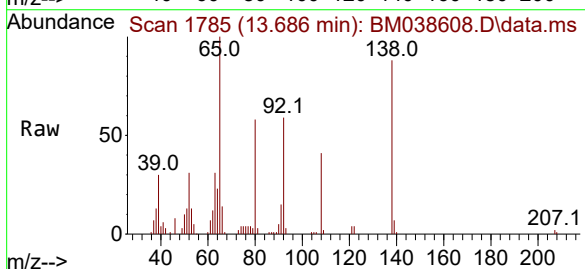
Tgt Ion: 65 Resp: 48423

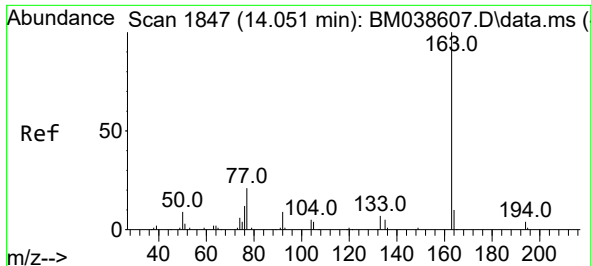
Ion Ratio Lower Upper

65 100

92 59.3 41.5 62.3

138 87.7 63.3 94.9

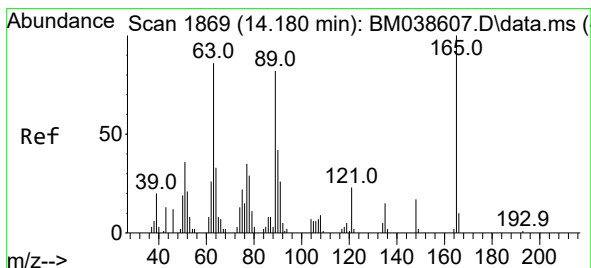
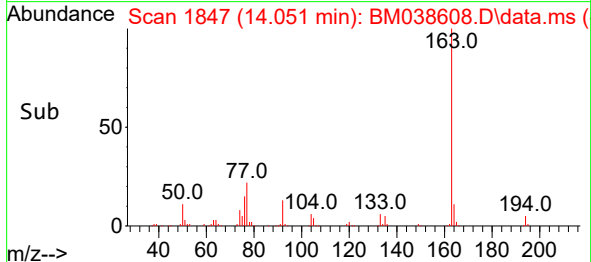
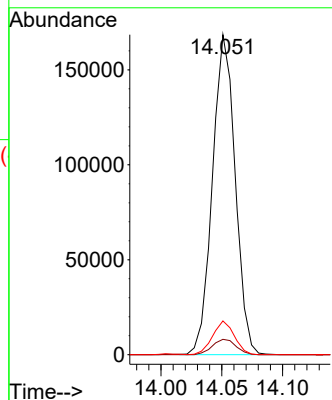
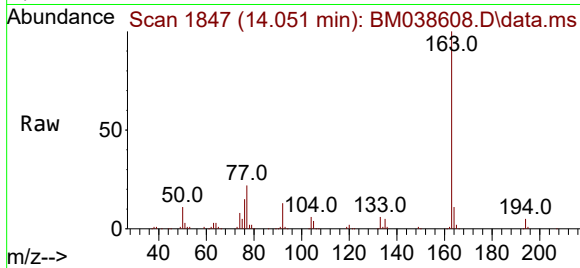




#47
Dimethylphthalate
Concen: 40.645 ng/ul
RT: 14.051 min Scan# 1847
Delta R.T. -0.000 min
Lab File: BM038608.D
Acq: 30 Jan 2023 16:09

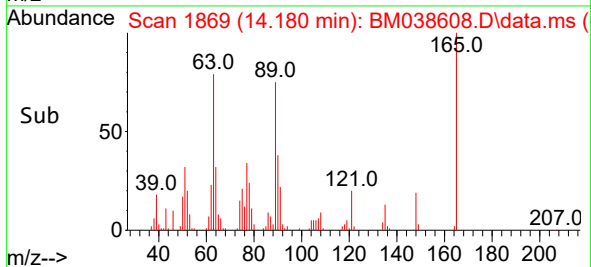
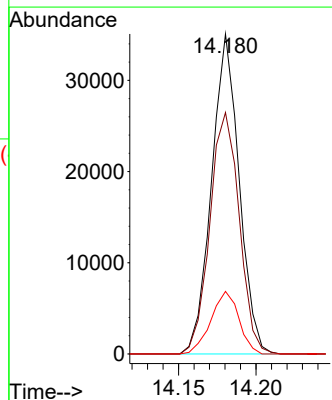
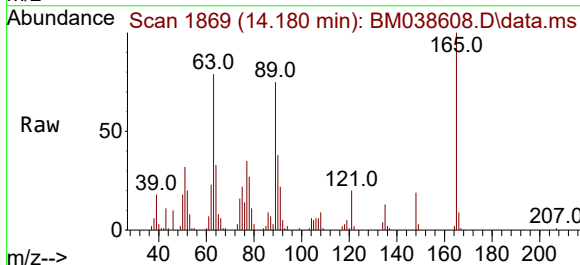
Instrument :
BNA_M
ClientSampleId :
SSTD040029

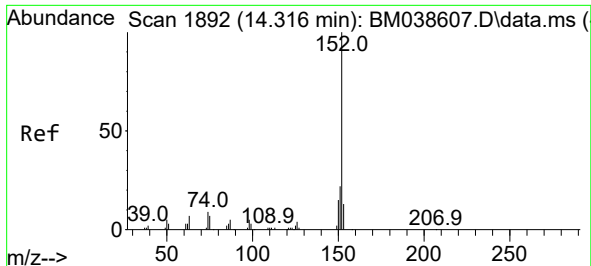
Tgt Ion:163 Resp: 219542
Ion Ratio Lower Upper
163 100
194 4.8 3.5 5.3
164 10.5 8.0 12.0



#48
2,6-Dinitrotoluene
Concen: 43.353 ng/ul
RT: 14.180 min Scan# 1869
Delta R.T. -0.000 min
Lab File: BM038608.D
Acq: 30 Jan 2023 16:09

Tgt Ion:165 Resp: 43369
Ion Ratio Lower Upper
165 100
89 75.5 66.7 100.1
121 19.5 18.2 27.4

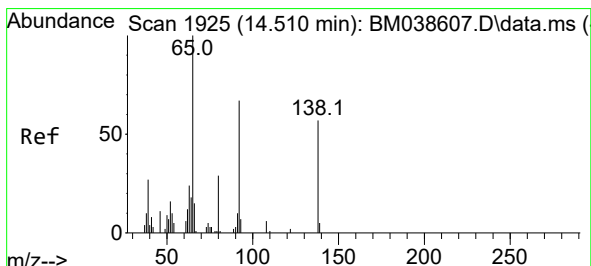
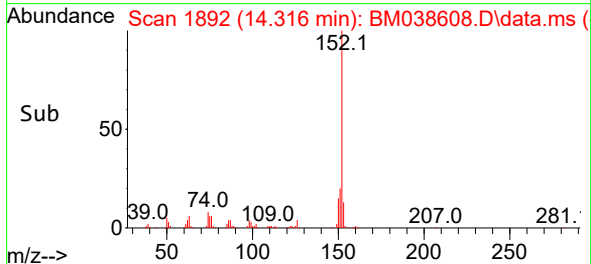
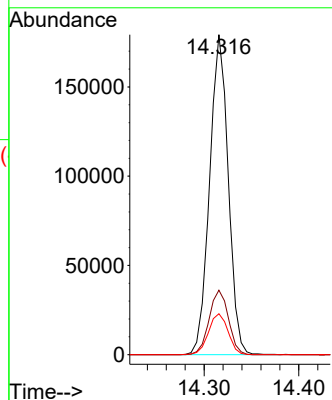
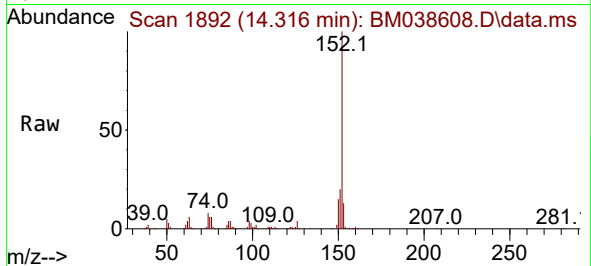




#50
Acenaphthylene
Concen: 41.915 ng/ul
RT: 14.316 min Scan# 1892
Delta R.T. -0.000 min
Lab File: BM038608.D
Acq: 30 Jan 2023 16:09

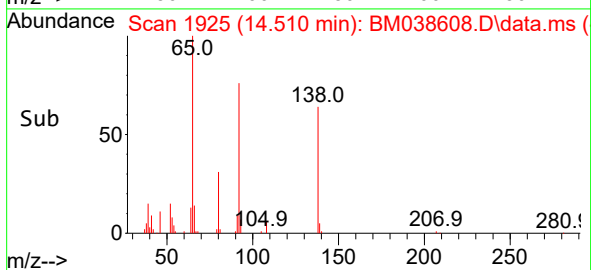
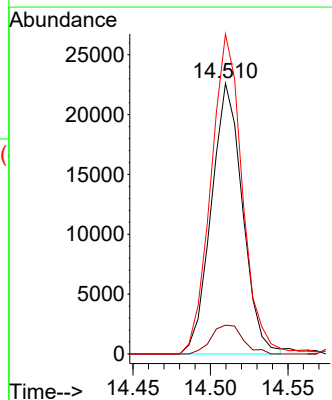
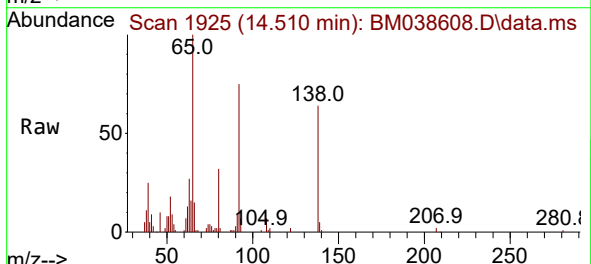
Instrument :
BNA_M
ClientSampleId :
SSTD040029

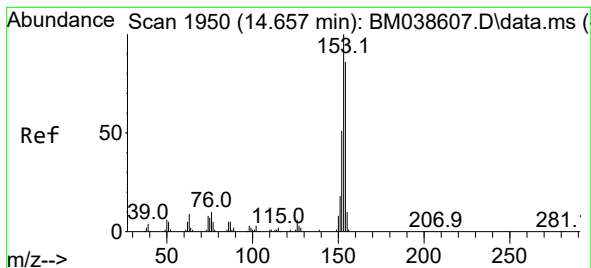
Tgt Ion:152 Resp: 244852
Ion Ratio Lower Upper
152 100
151 20.2 17.7 26.5
153 12.8 10.6 16.0



#51
3-Nitroaniline
Concen: 43.958 ng/ul
RT: 14.510 min Scan# 1925
Delta R.T. -0.000 min
Lab File: BM038608.D
Acq: 30 Jan 2023 16:09

Tgt Ion:138 Resp: 31653
Ion Ratio Lower Upper
138 100
108 10.6 8.2 12.4
92 118.2 94.2 141.4





#52

Acenaphthene

Concen: 41.432 ng/ul

RT: 14.657 min Scan# 1950

Delta R.T. -0.000 min

Lab File: BM038608.D

Acq: 30 Jan 2023 16:09

Instrument :

BNA_M

ClientSampleId :

SSTD040029

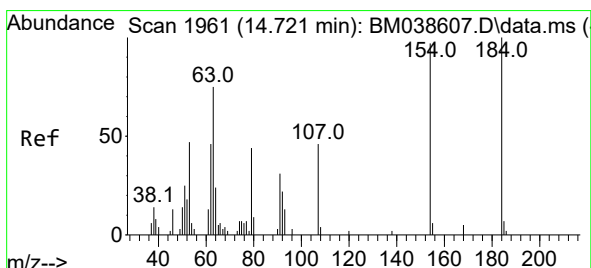
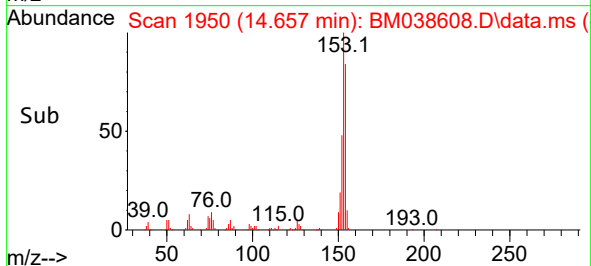
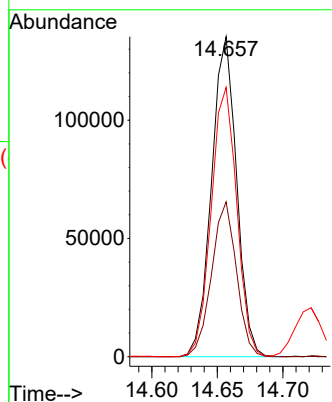
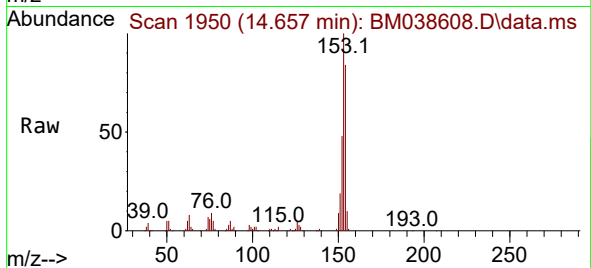
Tgt Ion:153 Resp: 180150

Ion Ratio Lower Upper

153 100

152 48.4 40.6 61.0

154 84.1 68.7 103.1



#53

2,4-Dinitrophenol

Concen: 39.591 ng/ul

RT: 14.721 min Scan# 1961

Delta R.T. -0.000 min

Lab File: BM038608.D

Acq: 30 Jan 2023 16:09

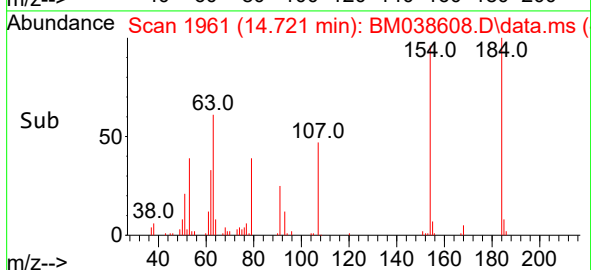
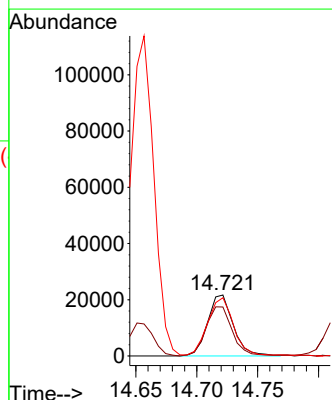
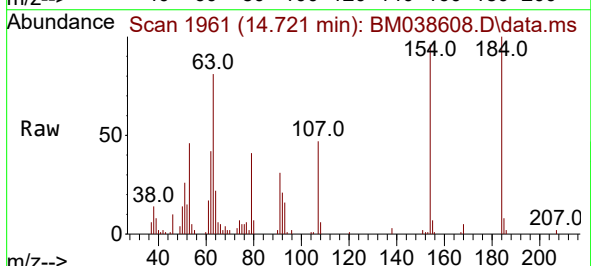
Tgt Ion:184 Resp: 31839

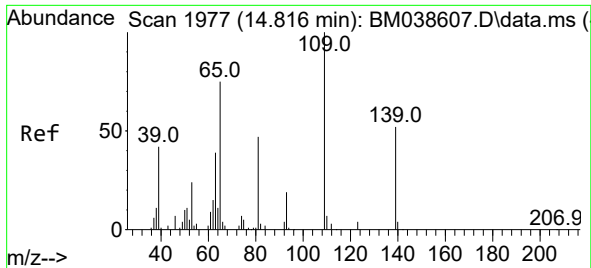
Ion Ratio Lower Upper

184 100

63 80.5 59.7 89.5

154 95.6 79.6 119.4

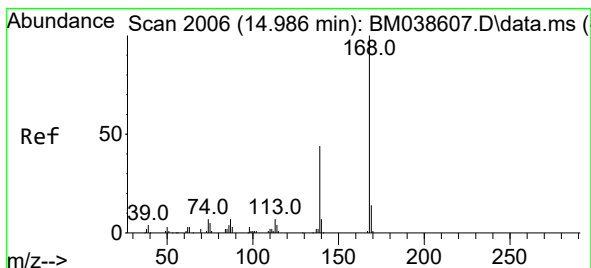
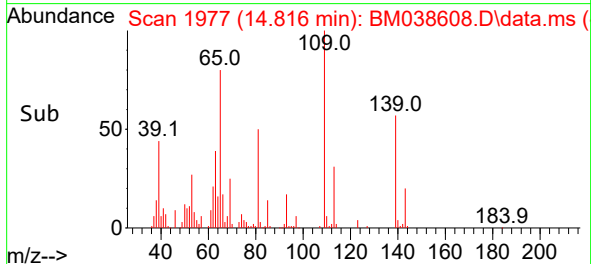
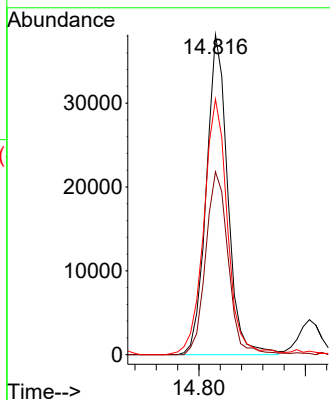
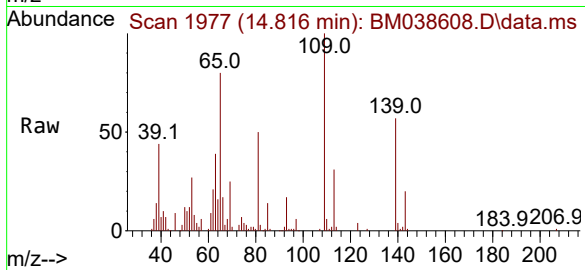




#55
4-Nitrophenol
Concen: 41.705 ng/ul
RT: 14.816 min Scan# 1977
Delta R.T. -0.000 min
Lab File: BM038608.D
Acq: 30 Jan 2023 16:09

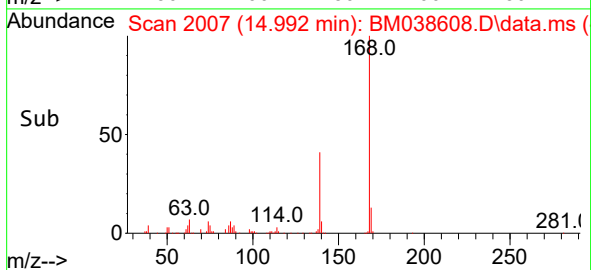
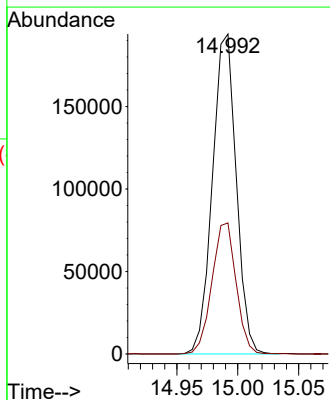
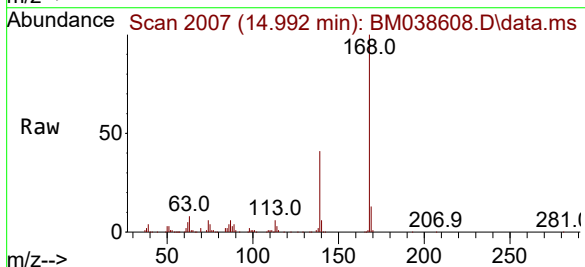
Instrument :
BNA_M
ClientSampleId :
SSTD040029

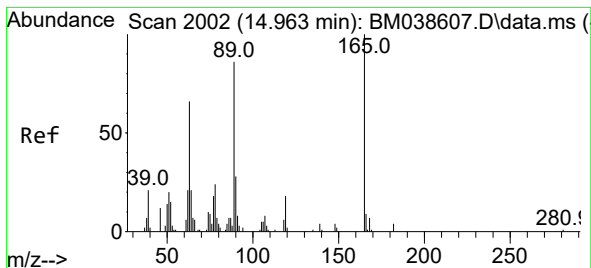
Tgt Ion:109 Resp: 53133
Ion Ratio Lower Upper
109 100
139 57.1 41.3 61.9
65 79.8 63.4 95.2



#56
Dibenzofuran
Concen: 40.875 ng/ul
RT: 14.992 min Scan# 2007
Delta R.T. 0.006 min
Lab File: BM038608.D
Acq: 30 Jan 2023 16:09

Tgt Ion:168 Resp: 264335
Ion Ratio Lower Upper
168 100
139 41.0 35.4 53.0

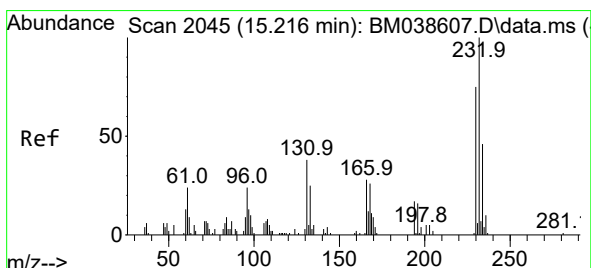
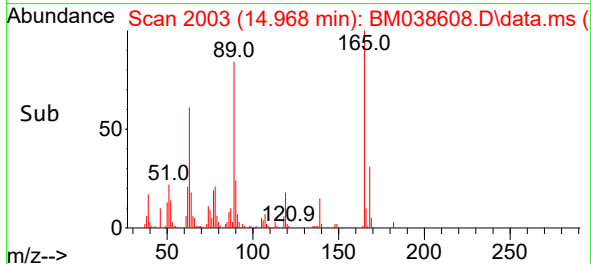
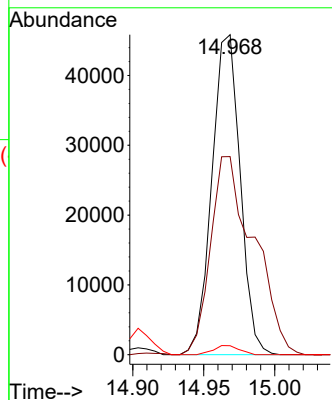
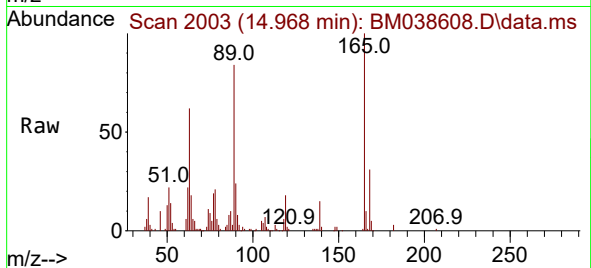




#57
2,4-Dinitrotoluene
Concen: 43.055 ng/ul
RT: 14.968 min Scan# 2003
Delta R.T. 0.006 min
Lab File: BM038608.D
Acq: 30 Jan 2023 16:09

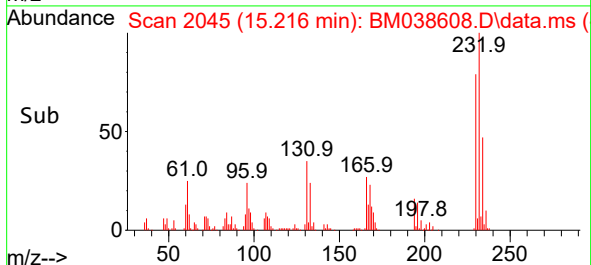
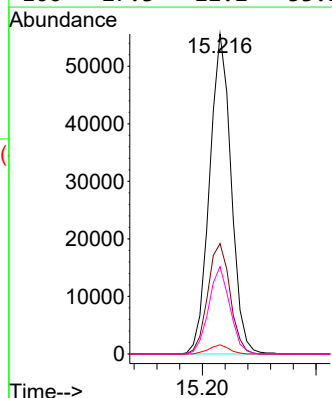
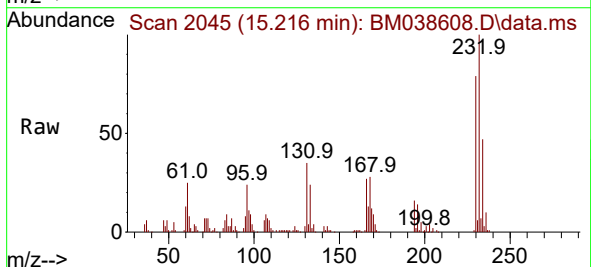
Instrument :
BNA_M
ClientSampleId :
SSTD040029

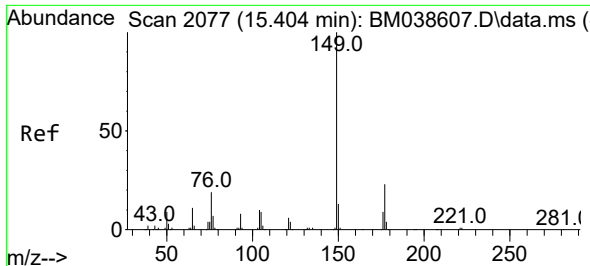
Tgt Ion:165 Resp: 63484
Ion Ratio Lower Upper
165 100
63 61.9 53.1 79.7
182 2.8 2.8 4.2



#58
2,3,4,6-Tetrachlorophenol
Concen: 39.371 ng/ul
RT: 15.216 min Scan# 2045
Delta R.T. -0.000 min
Lab File: BM038608.D
Acq: 30 Jan 2023 16:09

Tgt Ion:232 Resp: 73317
Ion Ratio Lower Upper
232 100
131 34.5 30.4 45.6
130 2.8 2.4 3.6
166 27.3 22.2 33.2

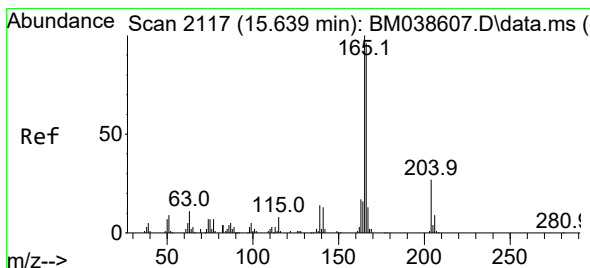
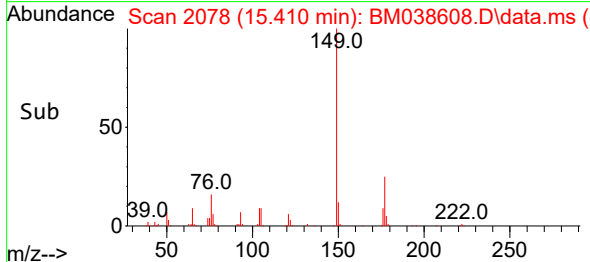
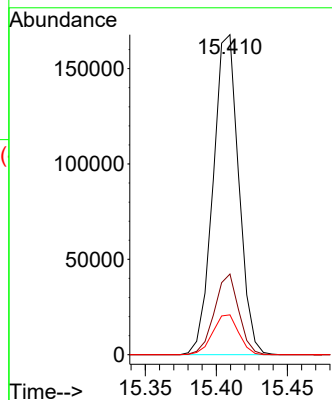
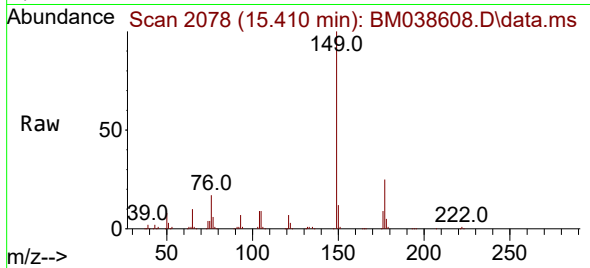




#59
Diethylphthalate
Concen: 41.651 ng/ul
RT: 15.410 min Scan# 2078
Delta R.T. 0.006 min
Lab File: BM038608.D
Acq: 30 Jan 2023 16:09

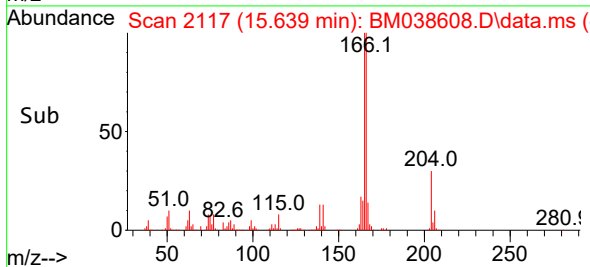
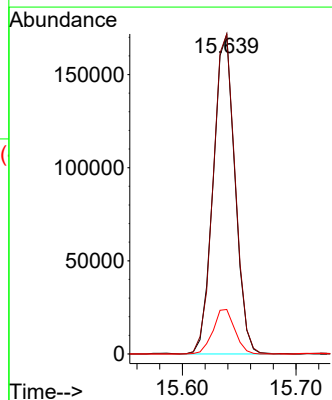
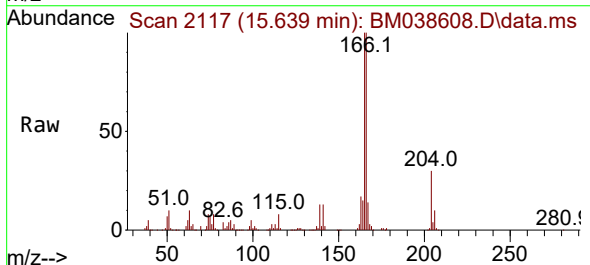
Instrument :
BNA_M
ClientSampleId :
SSTD040029

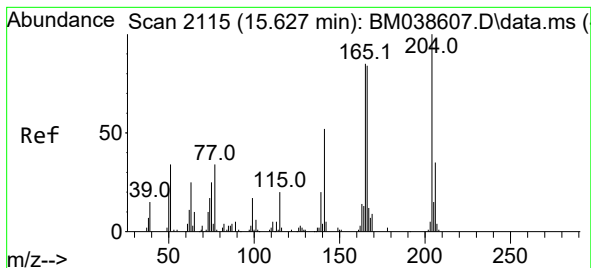
Tgt Ion:149 Resp: 210909
Ion Ratio Lower Upper
149 100
177 25.2 18.0 27.0
150 12.4 10.4 15.6



#61
Fluorene
Concen: 41.804 ng/ul
RT: 15.639 min Scan# 2117
Delta R.T. -0.000 min
Lab File: BM038608.D
Acq: 30 Jan 2023 16:09

Tgt Ion:166 Resp: 227678
Ion Ratio Lower Upper
166 100
165 100.1 83.3 124.9
167 13.9 10.6 16.0

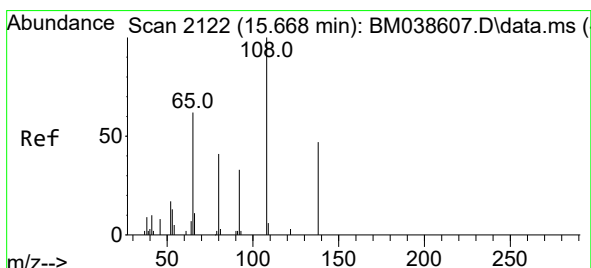
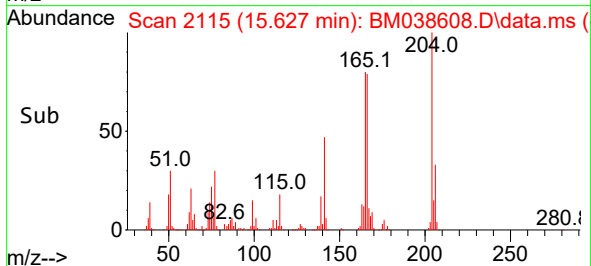
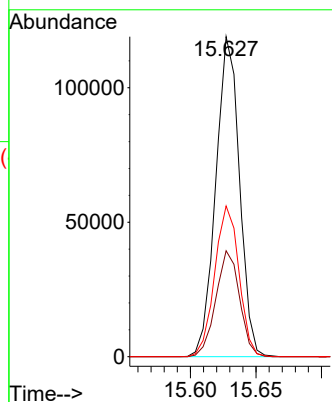
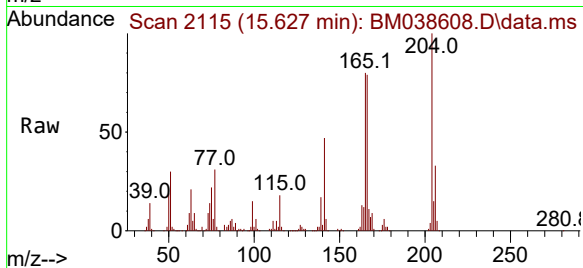




#62
4-Chlorophenyl-phenylether
Concen: 38.976 ng/ul
RT: 15.627 min Scan# 2115
Delta R.T. -0.000 min
Lab File: BM038608.D
Acq: 30 Jan 2023 16:09

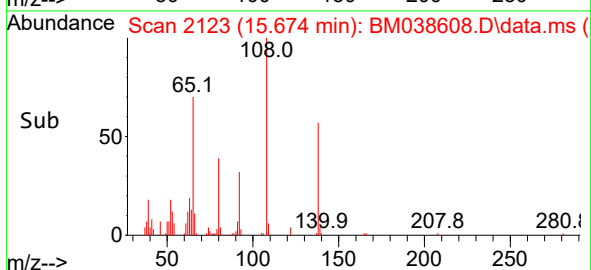
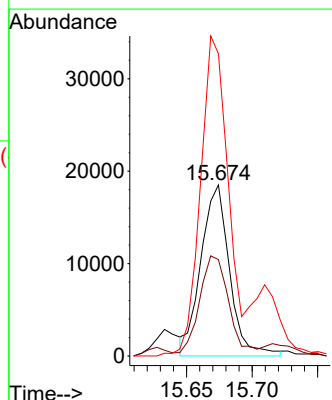
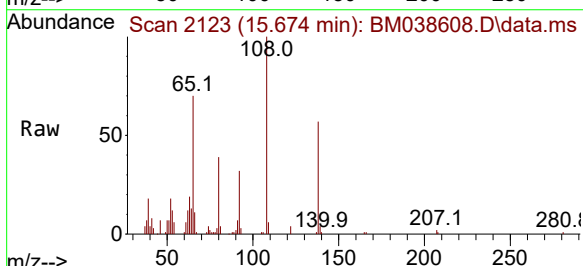
Instrument :
BNA_M
ClientSampleId :
SSTD040029

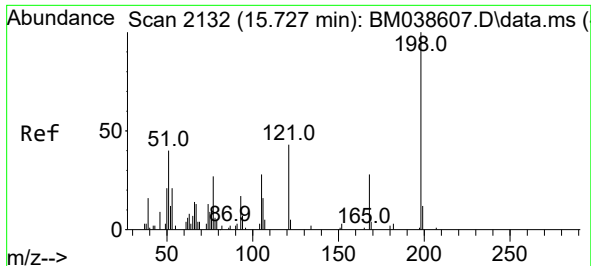
Tgt Ion:204 Resp: 149368
Ion Ratio Lower Upper
204 100
206 33.1 27.9 41.9
141 47.1 41.4 62.0



#63
4-Nitroaniline
Concen: 48.494 ng/ul
RT: 15.674 min Scan# 2123
Delta R.T. 0.006 min
Lab File: BM038608.D
Acq: 30 Jan 2023 16:09

Tgt Ion:138 Resp: 28135
Ion Ratio Lower Upper
138 100
92 56.3 51.9 77.9
108 176.7 156.2 234.4

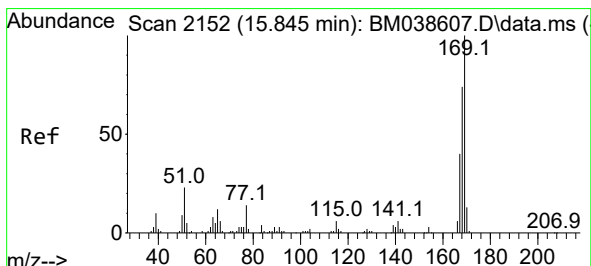
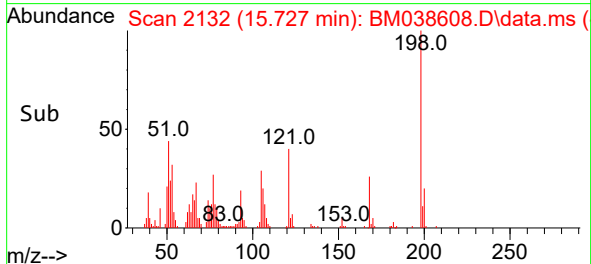
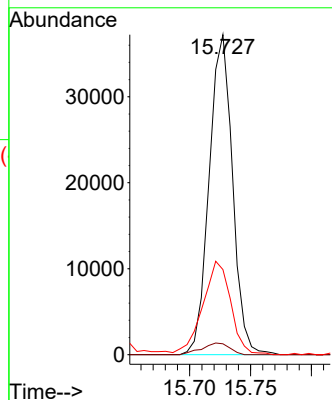
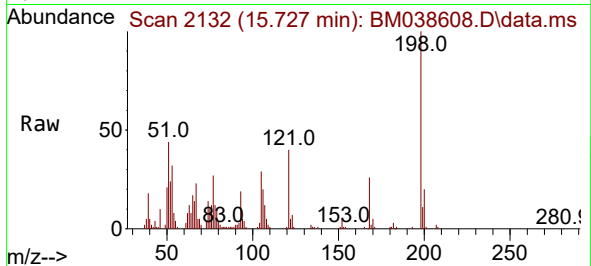




#66
 4,6-Dinitro-2-methylphenol
 Concen: 38.902 ng/ul
 RT: 15.727 min Scan# 2132
 Delta R.T. -0.000 min
 Lab File: BM038608.D
 Acq: 30 Jan 2023 16:09

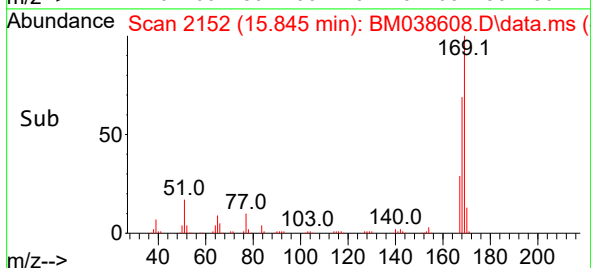
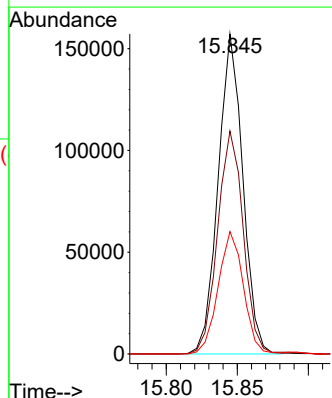
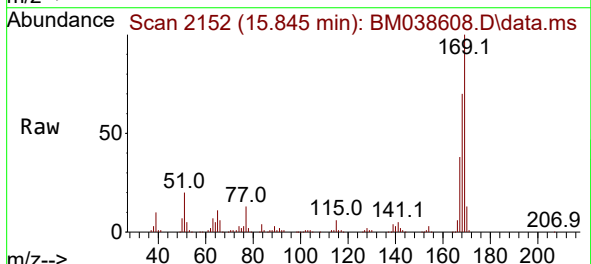
Instrument :
 BNA_M
 ClientSampleId :
 SST040029

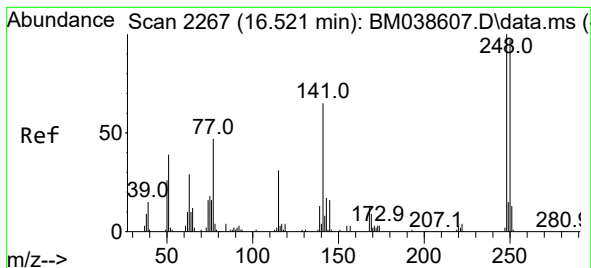
Tgt Ion:198 Resp: 49600
 Ion Ratio Lower Upper
 198 100
 182 3.9 2.7 4.1
 77 26.6 23.9 35.9



#67
 N-Nitrosodiphenylamine
 Concen: 42.686 ng/ul
 RT: 15.845 min Scan# 2152
 Delta R.T. -0.000 min
 Lab File: BM038608.D
 Acq: 30 Jan 2023 16:09

Tgt Ion:169 Resp: 189942
 Ion Ratio Lower Upper
 169 100
 168 69.6 59.1 88.7
 167 38.3 31.6 47.4

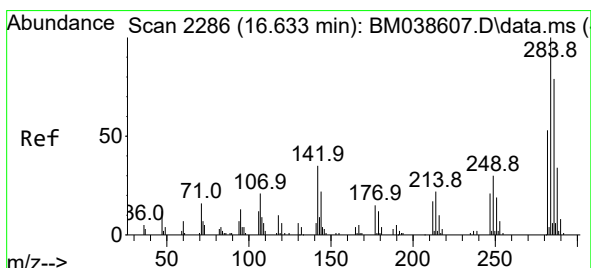
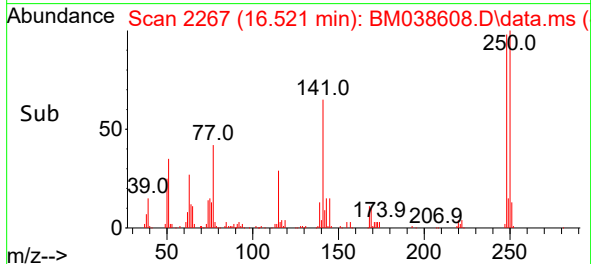
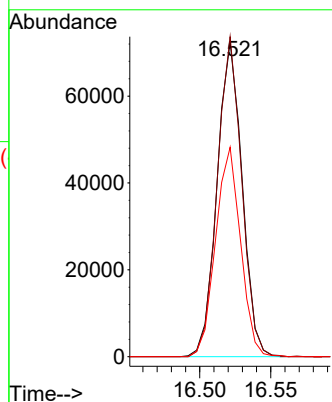
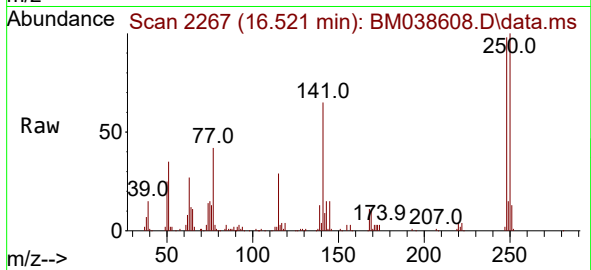




#68
4-Bromophenyl-phenylether
Concen: 39.996 ng/ul
RT: 16.521 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM038608.D
Acq: 30 Jan 2023 16:09

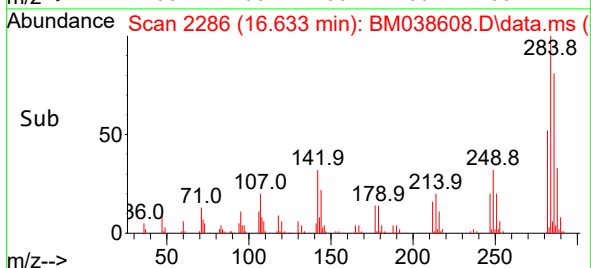
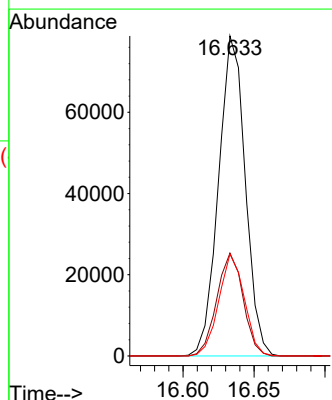
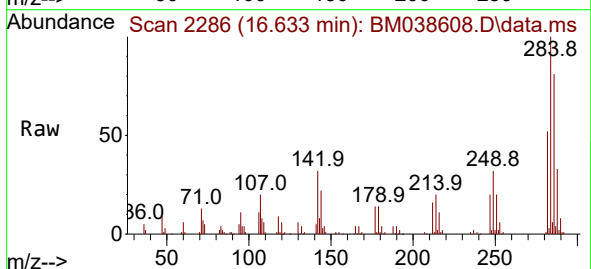
Instrument :
BNA_M
ClientSampleId :
SSTD040029

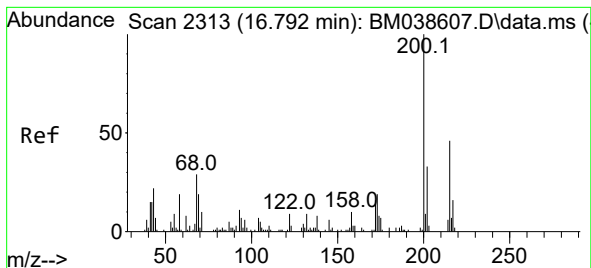
Tgt Ion:248 Resp: 88945
Ion Ratio Lower Upper
248 100
250 101.8 77.8 116.6
141 66.6 52.3 78.5



#69
Hexachlorobenzene
Concen: 39.718 ng/ul
RT: 16.633 min Scan# 2286
Delta R.T. -0.000 min
Lab File: BM038608.D
Acq: 30 Jan 2023 16:09

Tgt Ion:284 Resp: 103110
Ion Ratio Lower Upper
284 100
142 32.1 28.0 42.0
249 31.9 23.9 35.9





#70

Atrazine

Concen: 40.714 ng/ul

RT: 16.798 min Scan# 21

Delta R.T. 0.006 min

Lab File: BM038608.D

Acq: 30 Jan 2023 16:09

Instrument :

BNA_M

ClientSampleId :

SSTD040029

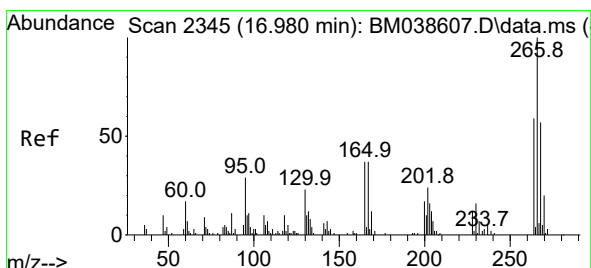
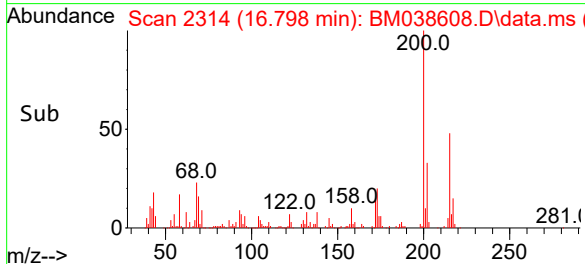
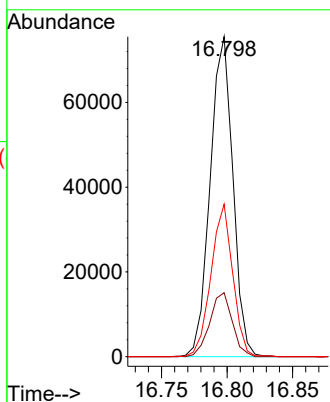
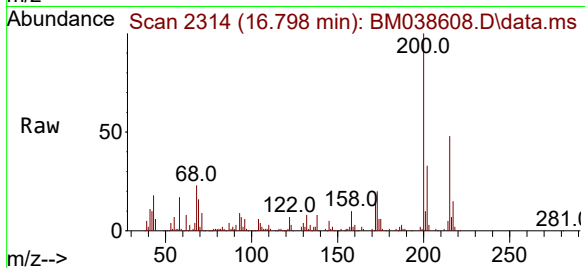
Tgt Ion:200 Resp: 90903

Ion Ratio Lower Upper

200 100

173 20.0 15.2 22.8

215 47.7 36.6 54.8



#71

Pentachlorophenol

Concen: 38.773 ng/ul

RT: 16.986 min Scan# 2346

Delta R.T. 0.006 min

Lab File: BM038608.D

Acq: 30 Jan 2023 16:09

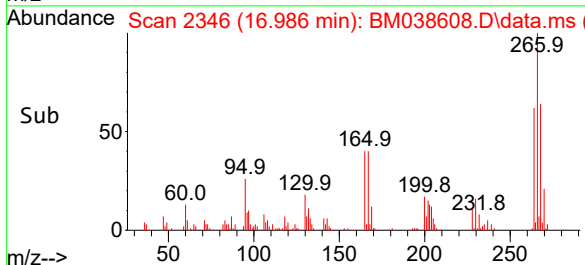
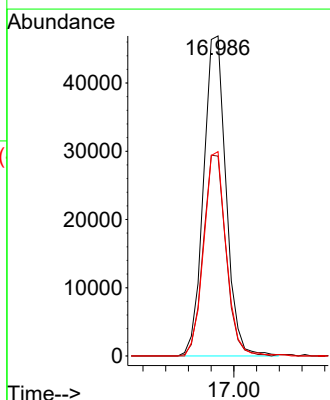
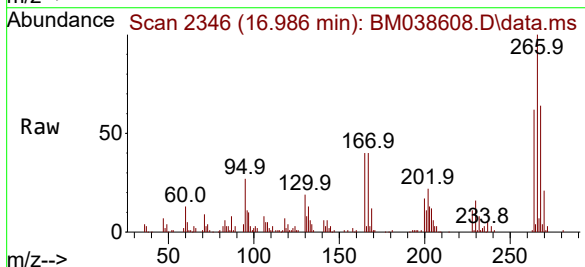
Tgt Ion:266 Resp: 64387

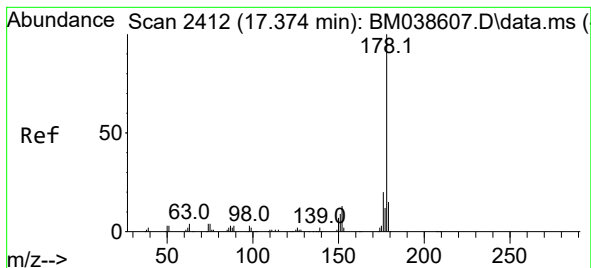
Ion Ratio Lower Upper

266 100

264 62.4 47.2 70.8

268 63.8 45.8 68.6





#72

Phenanthrene

Concen: 42.869 ng/ul

RT: 17.374 min Scan# 2412

Delta R.T. -0.000 min

Lab File: BM038608.D

Acq: 30 Jan 2023 16:09

Instrument :

BNA_M

ClientSampleId :

SSTD040029

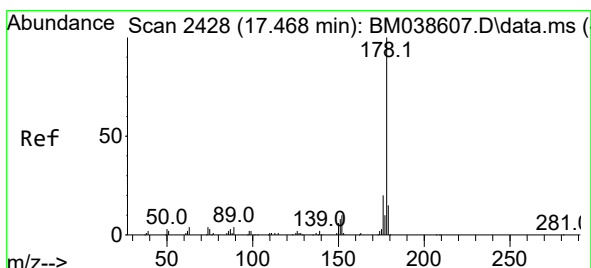
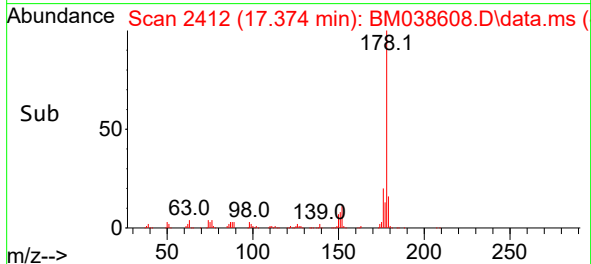
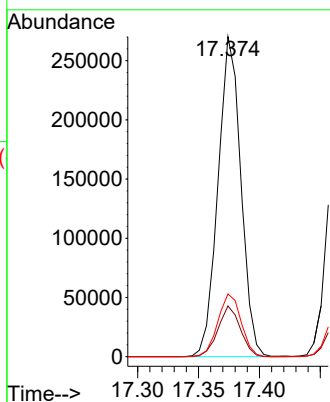
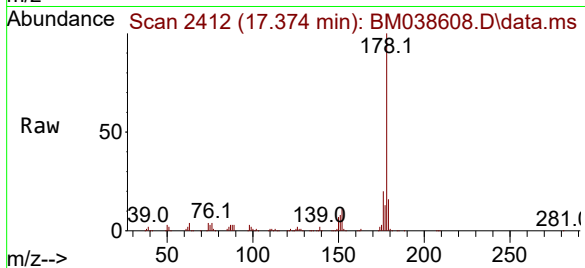
Tgt Ion:178 Resp: 353586

Ion Ratio Lower Upper

178 100

179 15.8 11.7 17.5

176 19.6 16.2 24.2



#74

Anthracene

Concen: 42.514 ng/ul

RT: 17.468 min Scan# 2428

Delta R.T. -0.000 min

Lab File: BM038608.D

Acq: 30 Jan 2023 16:09

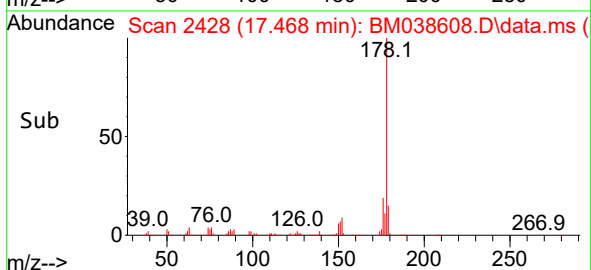
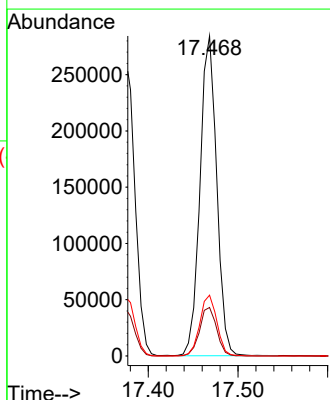
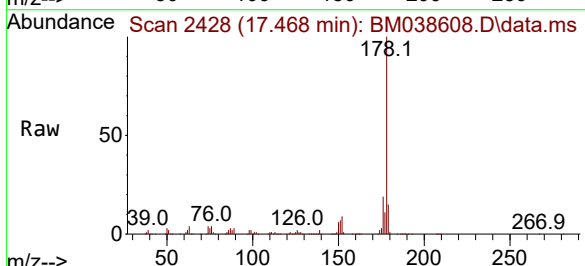
Tgt Ion:178 Resp: 367202

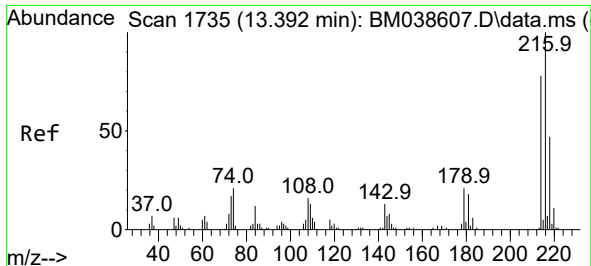
Ion Ratio Lower Upper

178 100

179 15.2 12.3 18.5

176 19.0 16.3 24.5

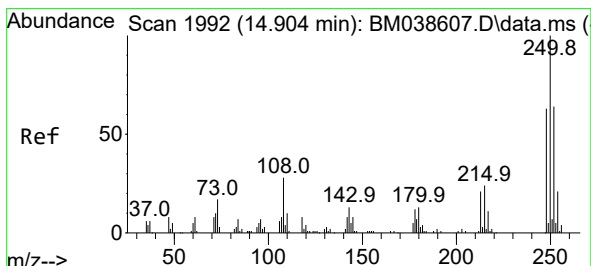
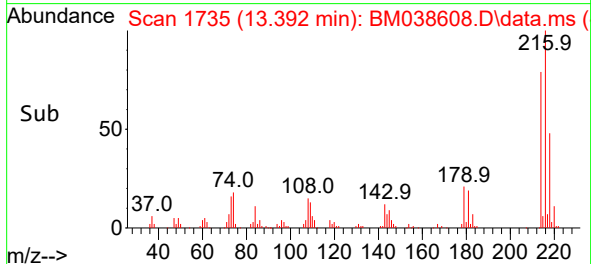
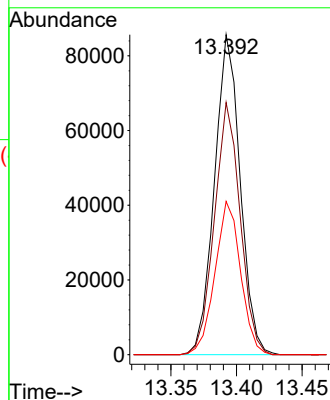
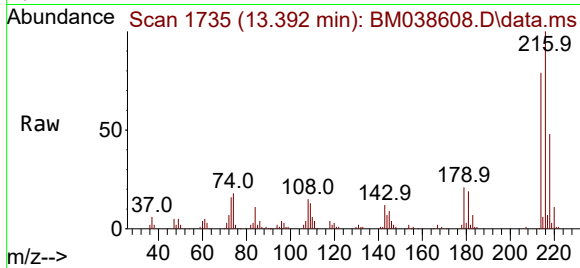




#75
1,2,3,4-Tetrachlorobenzene
Concen: 38.574 ng/uL
RT: 13.392 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM038608.D
Acq: 30 Jan 2023 16:09

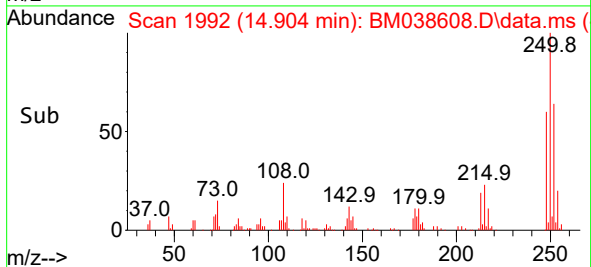
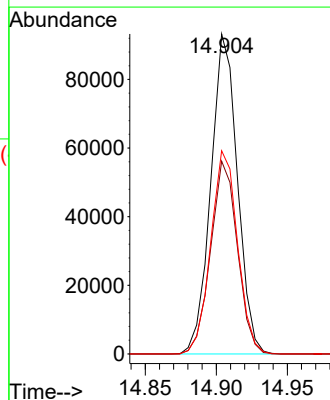
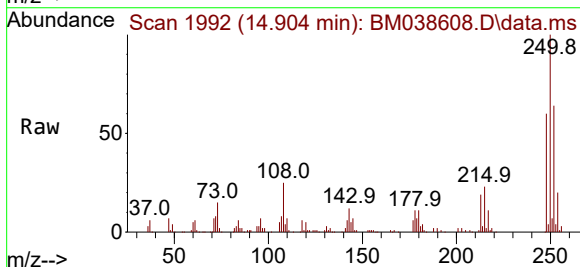
Instrument :
BNA_M
ClientSampleId :
SSTD040029

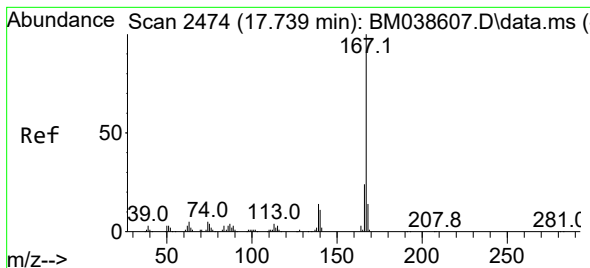
Tgt Ion:216 Resp: 117016
Ion Ratio Lower Upper
216 100
214 78.8 62.5 93.7
218 47.9 37.4 56.0



#76
Pentachlorobenzene
Concen: 38.443 ng/uL
RT: 14.904 min Scan# 1992
Delta R.T. -0.000 min
Lab File: BM038608.D
Acq: 30 Jan 2023 16:09

Tgt Ion:250 Resp: 121349
Ion Ratio Lower Upper
250 100
248 60.3 50.6 75.8
252 63.5 51.3 76.9





#77

Carbazole

Concen: 39.356 ng/ul

RT: 17.739 min Scan# 2474

Delta R.T. -0.000 min

Lab File: BM038608.D

Acq: 30 Jan 2023 16:09

Instrument :

BNA_M

ClientSampleId :

SSTD040029

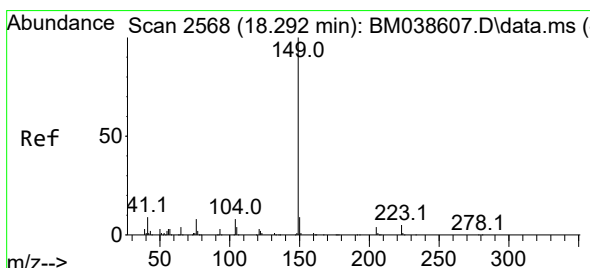
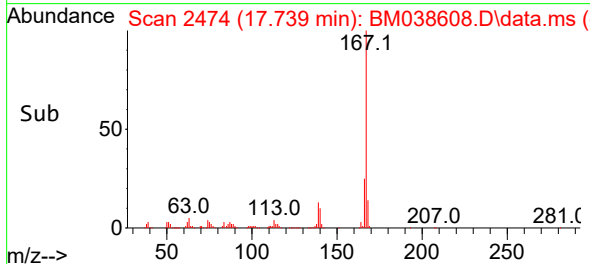
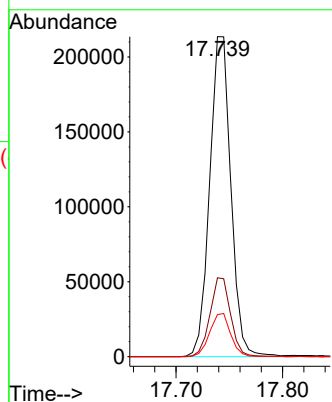
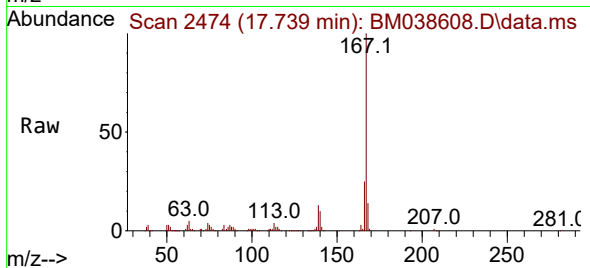
Tgt Ion:167 Resp: 295056

Ion Ratio Lower Upper

167 100

166 24.7 19.5 29.3

139 13.2 11.3 16.9



#78

Di-n-butylphthalate

Concen: 45.052 ng/ul

RT: 18.292 min Scan# 2568

Delta R.T. -0.000 min

Lab File: BM038608.D

Acq: 30 Jan 2023 16:09

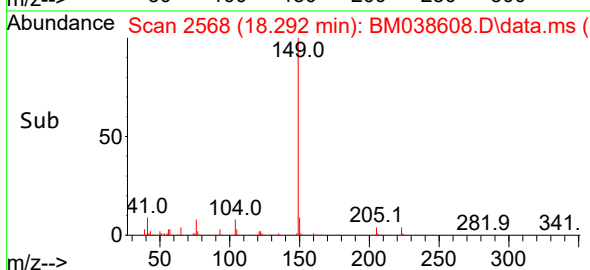
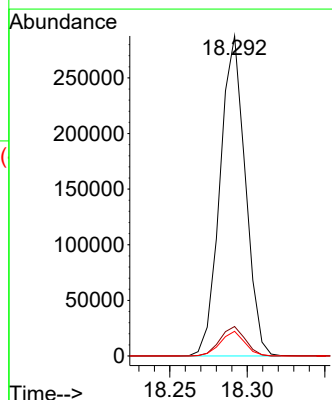
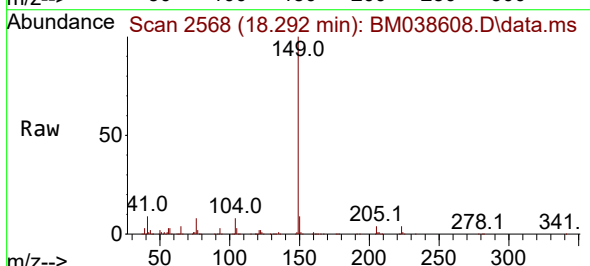
Tgt Ion:149 Resp: 326777

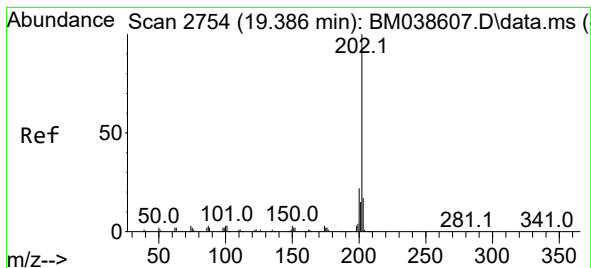
Ion Ratio Lower Upper

149 100

150 9.2 7.2 10.8

104 7.7 6.2 9.4





#80

Fluoranthene

Concen: 40.579 ng/ul

RT: 19.386 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM038608.D

Acq: 30 Jan 2023 16:09

Instrument :

BNA_M

ClientSampleId :

SSTD040029

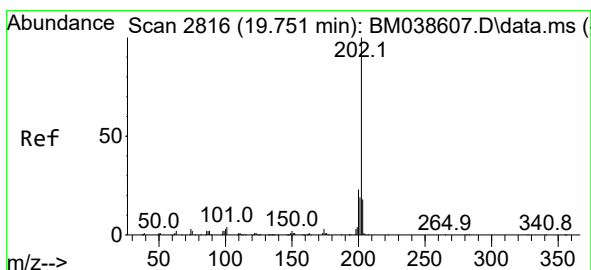
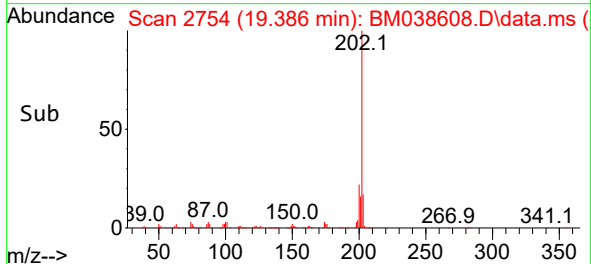
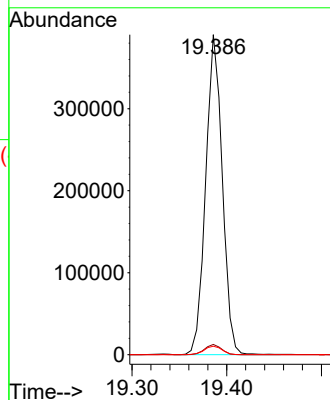
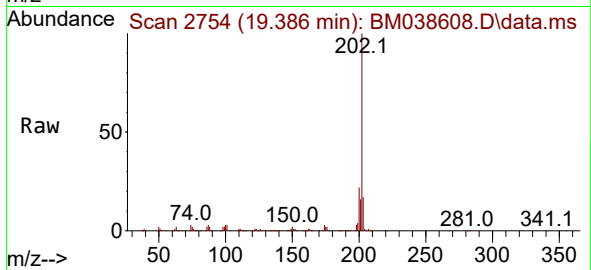
Tgt Ion:202 Resp: 473397

Ion Ratio Lower Upper

202 100

101 3.2 2.8 4.2

100 2.6 2.4 3.6



#82

Pyrene

Concen: 40.468 ng/ul

RT: 19.751 min Scan# 2816

Delta R.T. -0.000 min

Lab File: BM038608.D

Acq: 30 Jan 2023 16:09

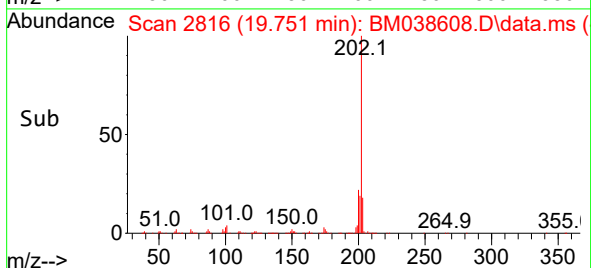
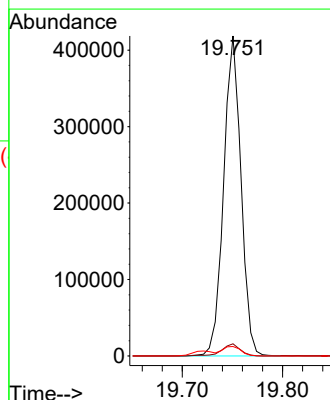
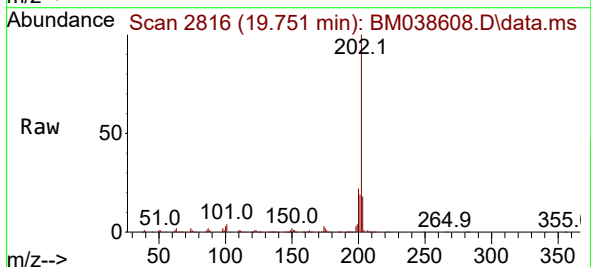
Tgt Ion:202 Resp: 501018

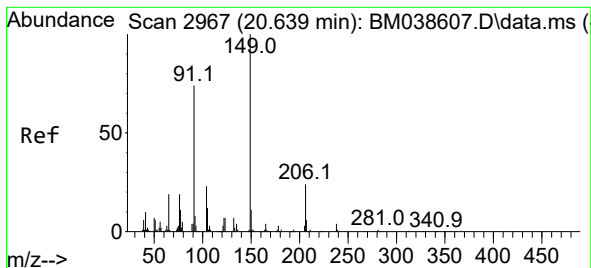
Ion Ratio Lower Upper

202 100

101 3.8 3.3 4.9

100 2.9 2.8 4.2





#83

Butylbenzylphthalate

Concen: 44.256 ng/ul

RT: 20.639 min Scan# 2967

Delta R.T. -0.000 min

Lab File: BM038608.D

Acq: 30 Jan 2023 16:09

Instrument :

BNA_M

ClientSampleId :

SSTD040029

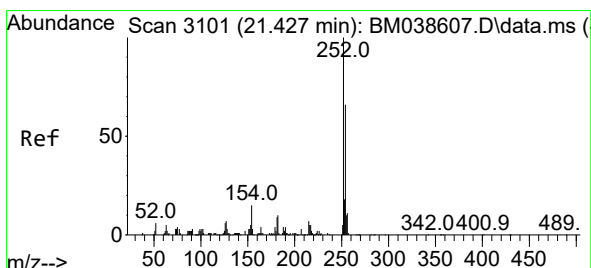
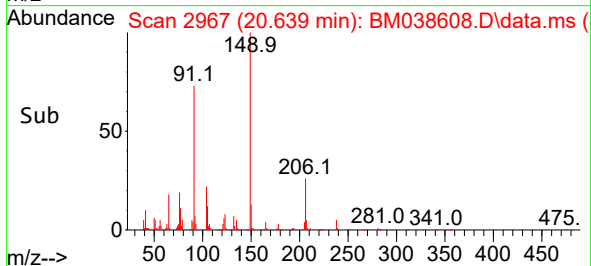
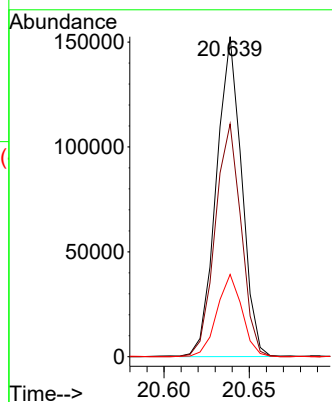
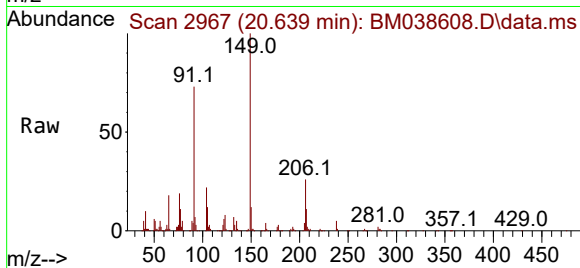
Tgt Ion:149 Resp: 158041

Ion Ratio Lower Upper

149 100

91 72.8 59.0 88.4

206 25.7 19.0 28.6



#84

3,3'-Dichlorobenzidine

Concen: 39.554 ng/ul

RT: 21.427 min Scan# 3101

Delta R.T. -0.000 min

Lab File: BM038608.D

Acq: 30 Jan 2023 16:09

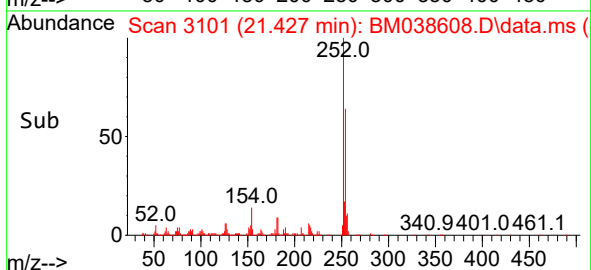
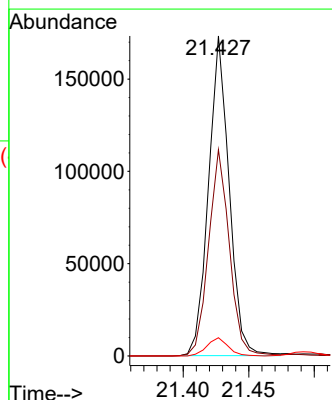
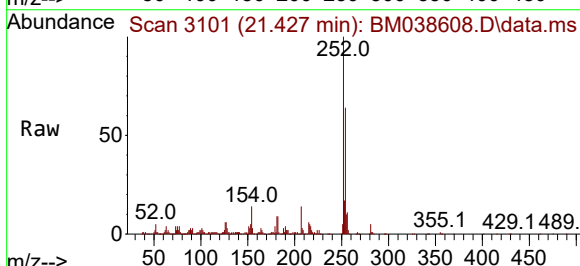
Tgt Ion:252 Resp: 189803

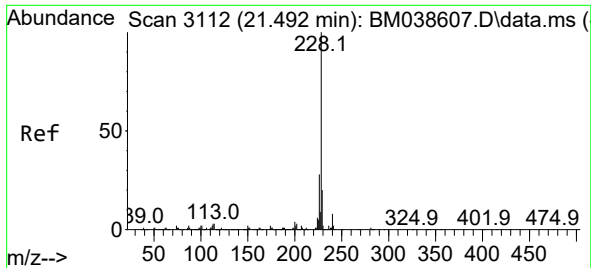
Ion Ratio Lower Upper

252 100

254 64.5 52.7 79.1

126 5.7 5.0 7.4

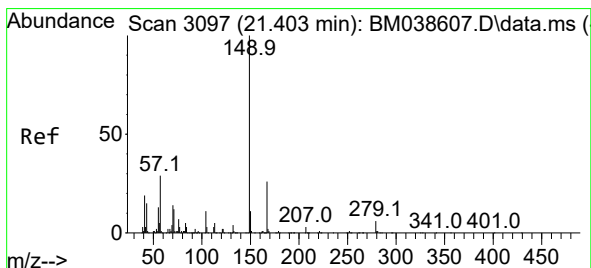
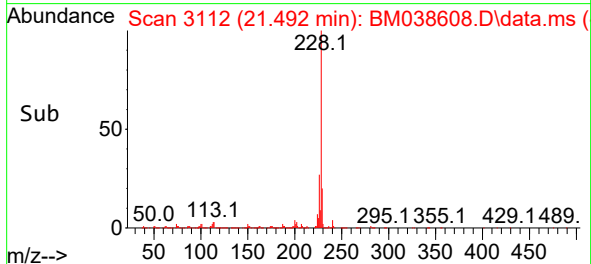
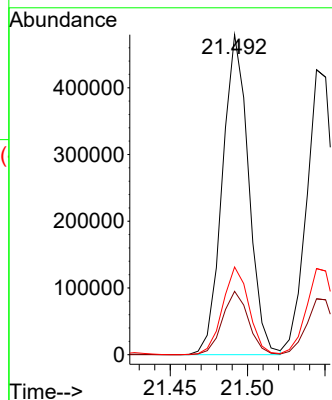
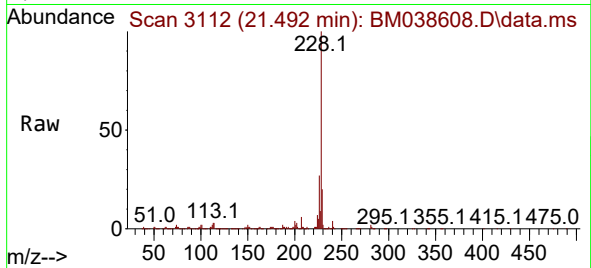




#85
 Benzo(a)anthracene
 Concen: 40.873 ng/ul
 RT: 21.492 min Scan# 3112
 Delta R.T. -0.000 min
 Lab File: BM038608.D
 Acq: 30 Jan 2023 16:09

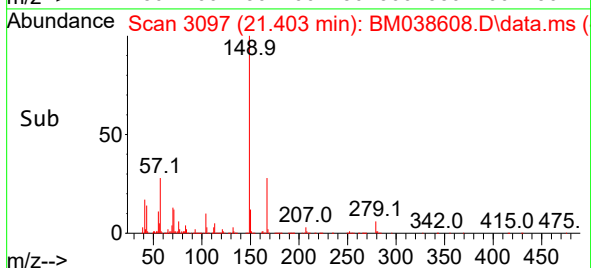
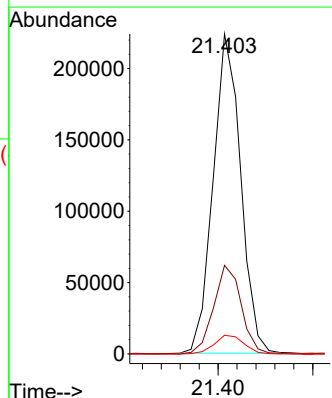
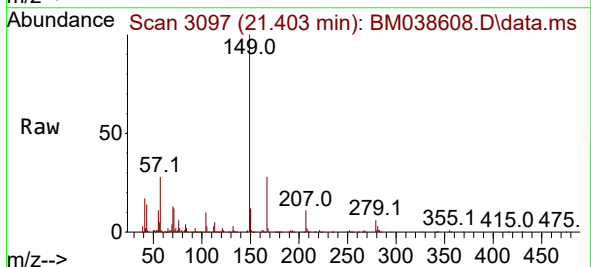
Instrument :
 BNA_M
 ClientSampleId :
 SSTD040029

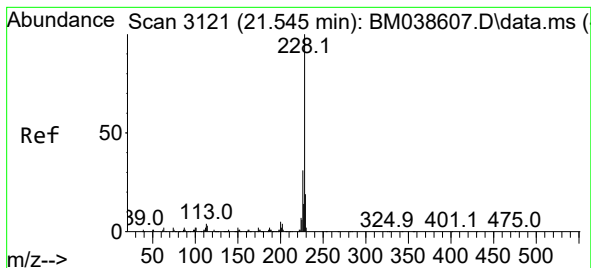
Tgt Ion:228 Resp: 565553
 Ion Ratio Lower Upper
 228 100
 229 19.8 15.8 23.6
 226 27.4 22.2 33.4



#86
 Bis(2-ethylhexyl)phthalate
 Concen: 44.397 ng/ul
 RT: 21.403 min Scan# 3097
 Delta R.T. -0.000 min
 Lab File: BM038608.D
 Acq: 30 Jan 2023 16:09

Tgt Ion:149 Resp: 225597
 Ion Ratio Lower Upper
 149 100
 167 27.7 21.0 31.4
 279 5.8 5.1 7.7





#87

Chrysene

Concen: 40.626 ng/ul

RT: 21.545 min Scan# 3121

Delta R.T. -0.000 min

Lab File: BM038608.D

Acq: 30 Jan 2023 16:09

Instrument :

BNA_M

ClientSampleId :

SSTD040029

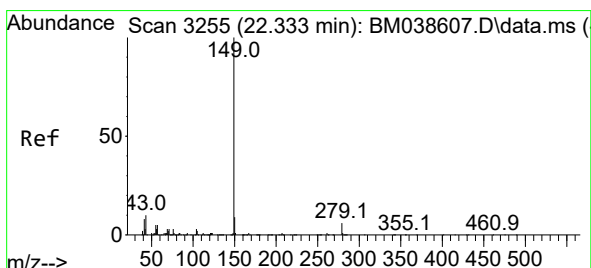
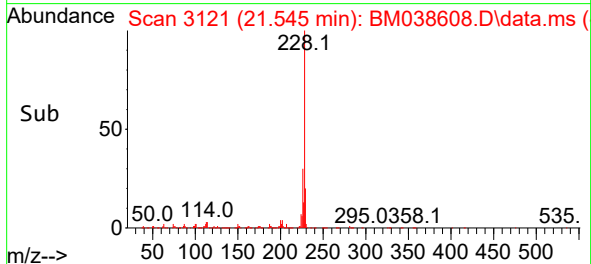
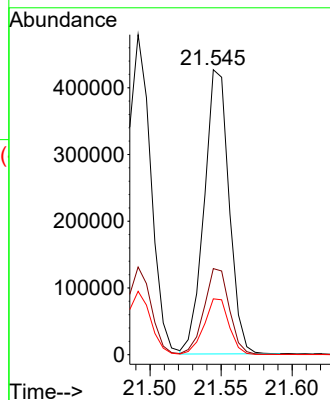
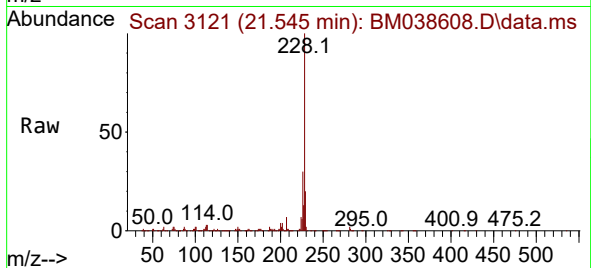
Tgt Ion:228 Resp: 520312

Ion Ratio Lower Upper

228 100

226 30.2 24.5 36.7

229 19.6 15.6 23.4



#89

Di-n-octyl phthalate

Concen: 37.874 ng/ul

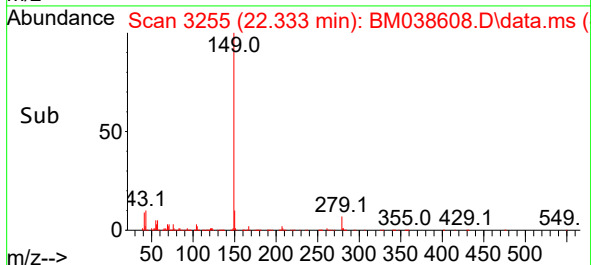
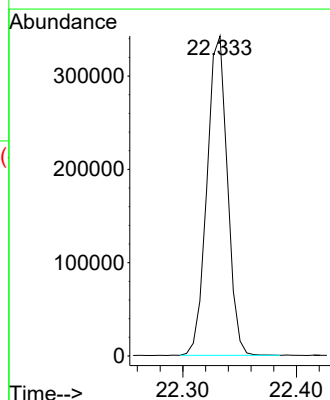
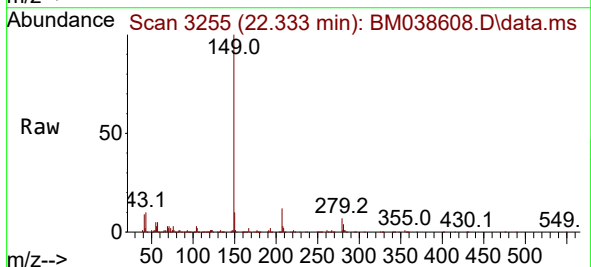
RT: 22.333 min Scan# 3255

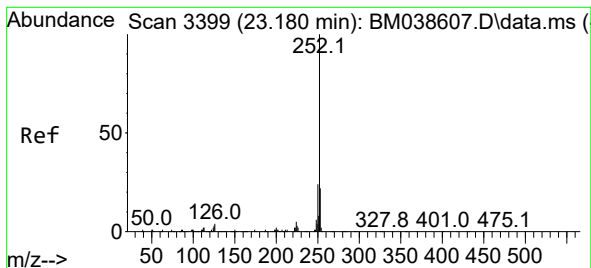
Delta R.T. -0.000 min

Lab File: BM038608.D

Acq: 30 Jan 2023 16:09

Tgt Ion:149 Resp: 426110





#90

Benzo(b)fluoranthene

Concen: 41.129 ng/ul

RT: 23.180 min Scan# 3399

Delta R.T. -0.000 min

Lab File: BM038608.D

Acq: 30 Jan 2023 16:09

Instrument :

BNA_M

ClientSampleId :

SSTD040029

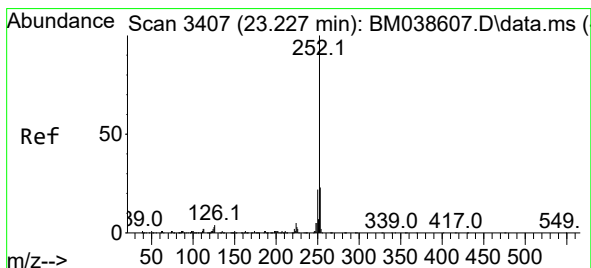
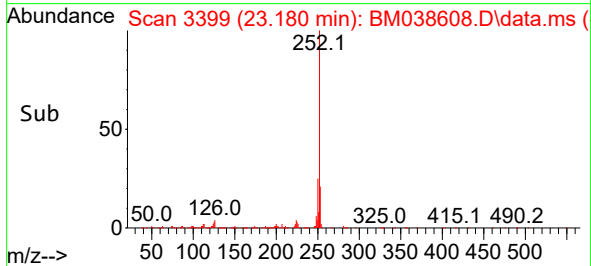
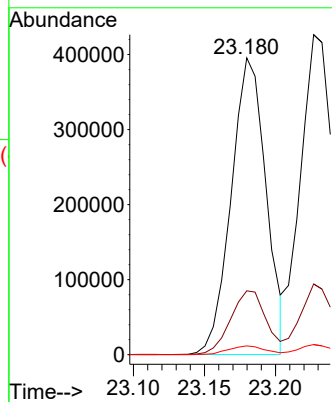
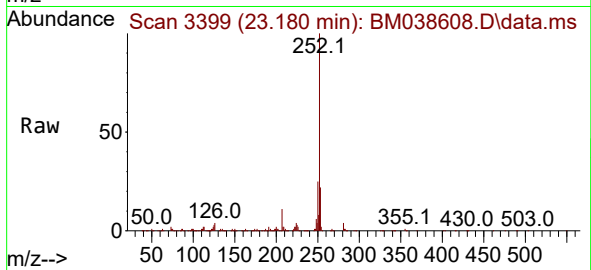
Tgt Ion:252 Resp: 675510

Ion Ratio Lower Upper

252 100

253 21.5 17.8 26.6

125 3.0 2.6 3.8



#91

Benzo(k)fluoranthene

Concen: 42.587 ng/ul

RT: 23.227 min Scan# 3407

Delta R.T. -0.000 min

Lab File: BM038608.D

Acq: 30 Jan 2023 16:09

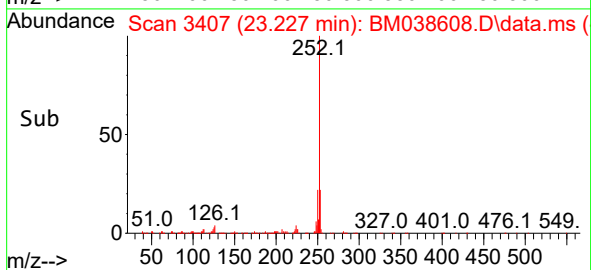
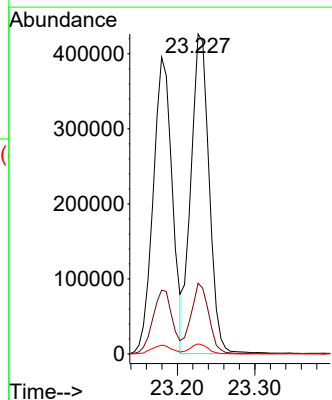
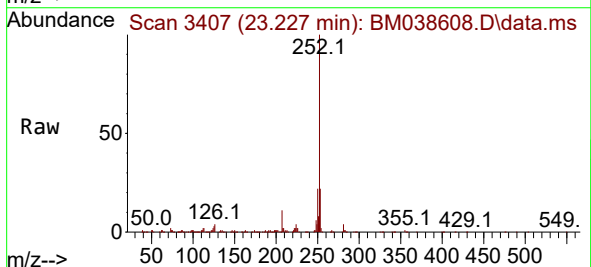
Tgt Ion:252 Resp: 696915

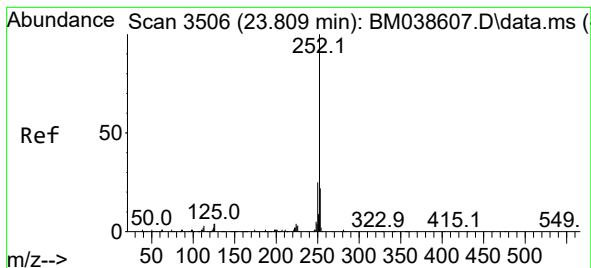
Ion Ratio Lower Upper

252 100

253 22.1 18.2 27.2

125 3.1 2.6 4.0





#93

Benzo(a)pyrene

Concen: 40.823 ng/ul

RT: 23.809 min Scan# 3

Delta R.T. -0.000 min

Lab File: BM038608.D

Acq: 30 Jan 2023 16:09

Instrument :

BNA_M

ClientSampleId :

SSTD040029

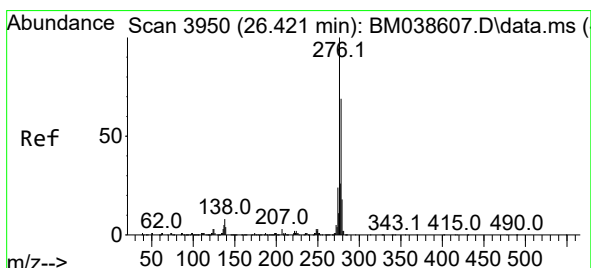
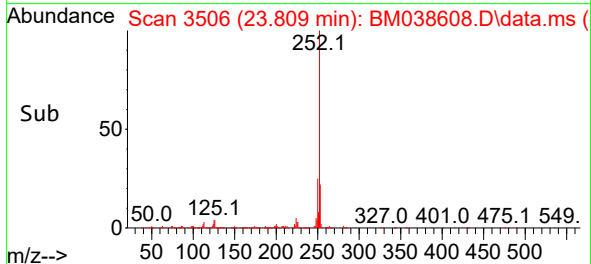
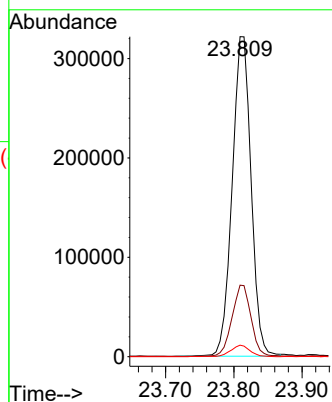
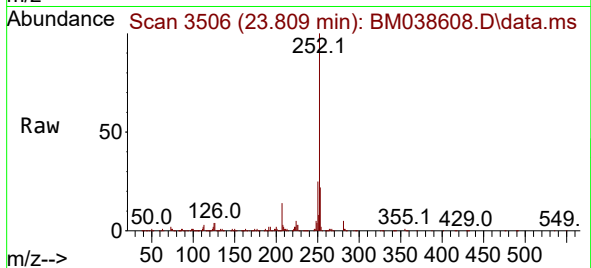
Tgt Ion:252 Resp: 620899

Ion Ratio Lower Upper

252 100

253 22.4 17.8 26.8

125 3.6 2.8 4.2



#94

Indeno(1,2,3-cd)pyrene

Concen: 40.624 ng/ul

RT: 26.432 min Scan# 3952

Delta R.T. 0.012 min

Lab File: BM038608.D

Acq: 30 Jan 2023 16:09

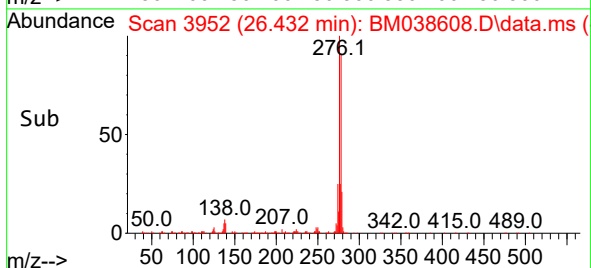
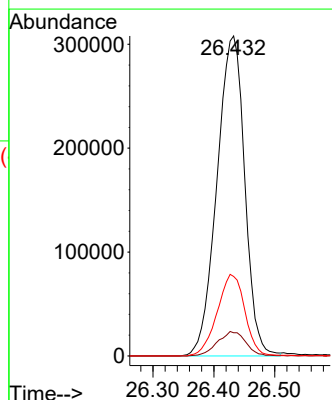
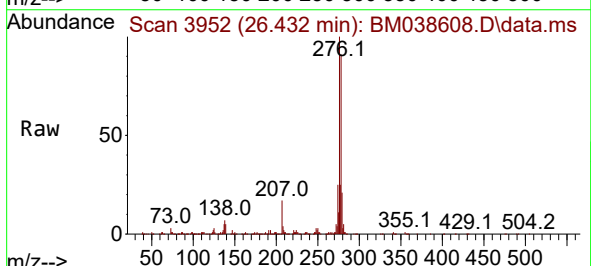
Tgt Ion:276 Resp: 976659

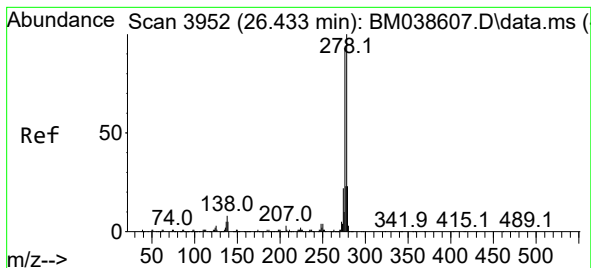
Ion Ratio Lower Upper

276 100

138 7.3 6.1 9.1

277 24.8 20.5 30.7





#95

Dibenzo(a,h)anthracene

Concen: 40.813 ng/ul

RT: 26.438 min Scan# 3952

Delta R.T. 0.006 min

Lab File: BM038608.D

Acq: 30 Jan 2023 16:09

Instrument :

BNA_M

ClientSampleId :

SSTD040029

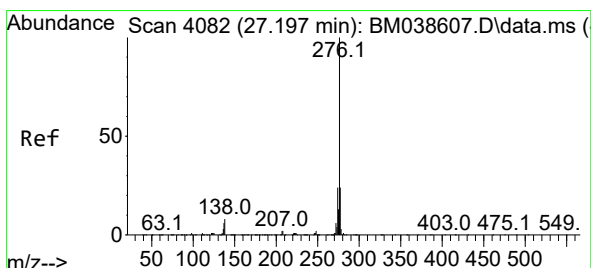
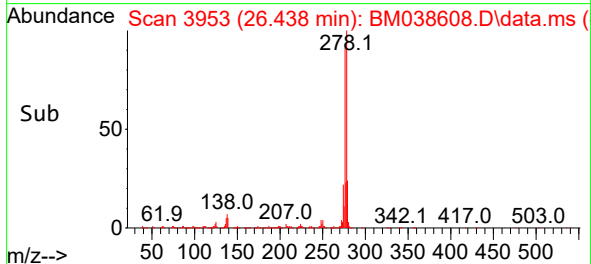
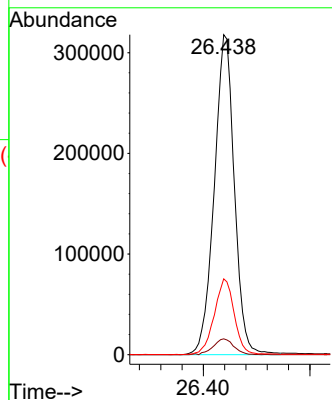
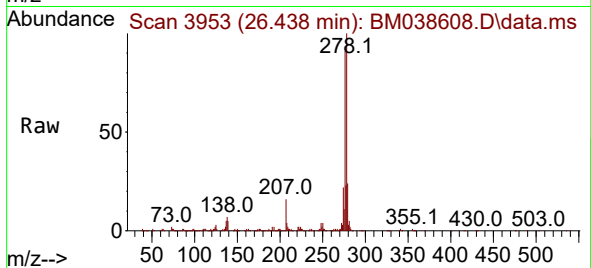
Tgt Ion:278 Resp: 832761

Ion Ratio Lower Upper

278 100

139 5.0 4.3 6.5

279 23.7 18.9 28.3



#96

Benzo(g,h,i)perylene

Concen: 40.022 ng/ul

RT: 27.203 min Scan# 4083

Delta R.T. 0.006 min

Lab File: BM038608.D

Acq: 30 Jan 2023 16:09

Tgt Ion:276 Resp: 780983

Ion Ratio Lower Upper

276 100

138 6.5 6.0 9.0

277 23.6 19.2 28.8

