

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013023\
 Data File : BM038606.D
 Acq On : 30 Jan 2023 14:54
 Operator : CG/JU
 Sample : SST01022
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SST010027

Quant Time: Jan 31 00:21:21 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	28876	20.000	ng/ul	0.00
20) Naphthalene-d8	10.769	136	89810	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.592	164	65028	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.333	188	150964	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.503	240	147963	20.000	ng/ul	# 0.00
88) Perylene-d12	23.915	264	216741	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.334	96	3400	4.217	ng/uL	0.00
4) Pyridine-d5	3.769	84	16467	8.120	ng/ul	0.00
7) Phenol-d5	7.122	99	17877	9.275	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.287	67	11345	10.084	ng/ul	0.00
11) 2-Chlorophenol-d4	7.487	132	15920	9.960	ng/ul	0.00
15) 4-Methylphenol-d8	8.669	113	14123	9.183	ng/ul	0.00
21) Nitrobenzene-d5	9.128	128	6910	10.150	ng/ul	0.00
24) 2-Nitrophenol-d4	9.851	143	8721	9.701	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.386	165	20231	10.168	ng/ul	0.00
31) 4-Chloroaniline-d4	10.916	131	16948	8.765	ng/ul	0.00
46) Dimethylphthalate-d6	14.004	166	52556	9.784	ng/ul	0.00
49) Acenaphthylene-d8	14.286	160	53728	9.399	ng/ul	0.00
54) 4-Nitrophenol-d4	14.798	143	5434	7.313	ng/ul	0.00
60) Fluorene-d10	15.580	176	46280	9.634	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.710	200	11454	8.864	ng/ul	0.00
73) Anthracene-d10	17.427	188	71821	9.460	ng/ul	0.00
81) Pyrene-d10	19.721	212	82044	10.761	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.756	264	105881	9.517	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.369	88	3482	3.990	ng/uL	98
5) Pyridine	3.787	79	18923	9.086	ng/ul	93
6) Benzaldehyde	7.098	77	8968	10.091	ng/ul	89
8) Phenol	7.151	94	17545	9.092	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.381	93	13322	9.662	ng/ul#	84
12) 2-Chlorophenol	7.516	128	15976	9.960	ng/ul	97
13) 2-Methylphenol	8.404	108	13319	9.084	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.481	45	14251	10.004	ng/ul	96
16) Acetophenone	8.787	105	24875	9.155	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.769	70	12757	10.217	ng/ul#	92
18) 4-Methylphenol	8.734	108	14337	9.212	ng/ul	95
19) Hexachloroethane	9.034	117	7748	9.577	ng/ul	81
22) Nitrobenzene	9.169	77	20982	10.240	ng/ul	94
23) Isophorone	9.692	82	30795	9.933	ng/ul	96
25) 2-Nitrophenol	9.886	139	8728	9.794	ng/ul	94
26) 2,4-Dimethylphenol	9.939	107	19494	10.071	ng/ul	91
27) Bis(2-Chloroethoxy)met...	10.181	93	16389	10.367	ng/ul	96
29) 2,4-Dichlorophenol	10.416	162	19367	10.241	ng/ul	90
30) Naphthalene	10.816	128	43111	9.675	ng/ul	98
32) 4-Chloroaniline	10.934	127	15969	8.230	ng/ul	95
33) Hexachlorobutadiene	11.086	225	21142	10.758	ng/ul	97
34) Caprolactam	11.716	113	2539	6.833	ng/ul	87
35) 4-Chloro-3-methylphenol	12.051	107	14600	9.774	ng/ul	90
36) 2-Methylnaphthalene	12.422	142	32013	9.659	ng/ul	98

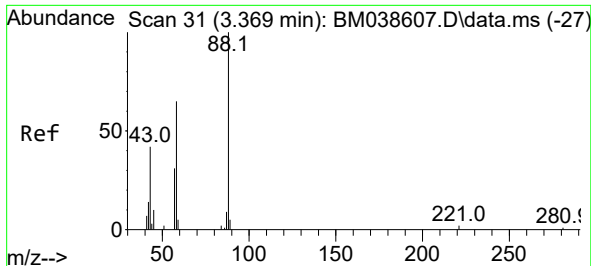
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.639	142	32653	9.544	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.786	216	33566	10.486	ng/ul	97
40) Hexachlorocyclopentadiene	12.757	237	22703	9.939	ng/ul	99
41) 2,4,6-Trichlorophenol	13.027	196	20378	10.456	ng/ul	90
42) 2,4,5-Trichlorophenol	13.104	196	21797	10.473	ng/ul	95
43) 1,1'-Biphenyl	13.427	154	48524	9.705	ng/ul	99
44) 2-Chloronaphthalene	13.469	162	41004	9.871	ng/ul	95
45) 2-Nitroaniline	13.686	65	10190	9.172	ng/ul	100
47) Dimethylphthalate	14.051	163	52950	10.018	ng/ul	97
48) 2,6-Dinitrotoluene	14.180	165	9517	9.722	ng/ul	89
50) Acenaphthylene	14.316	152	53613	9.379	ng/ul	99
51) 3-Nitroaniline	14.510	138	5042	7.156	ng/ul	94
52) Acenaphthene	14.651	153	39661	9.321	ng/ul	95
53) 2,4-Dinitrophenol	14.721	184	5592	7.106	ng/ul#	88
55) 4-Nitrophenol	14.816	109	9713	7.791	ng/ul	91
56) Dibenzofuran	14.986	168	60727	9.596	ng/ul	95
57) 2,4-Dinitrotoluene	14.963	165	13520	9.370	ng/ul#	96
58) 2,3,4,6-Tetrachlorophenol	15.216	232	18306	10.046	ng/ul#	91
59) Diethylphthalate	15.404	149	47507	9.587	ng/ul	95
61) Fluorene	15.633	166	48233	9.050	ng/ul	92
62) 4-Chlorophenyl-phenyle...	15.627	204	37148	9.906	ng/ul	92
63) 4-Nitroaniline	15.668	138	4046	7.127	ng/ul	84
66) 4,6-Dinitro-2-methylph...	15.721	198	10900	8.938	ng/ul#	92
67) N-Nitrosodiphenylamine	15.845	169	42152	9.904	ng/ul	96
68) 4-Bromophenyl-phenylether	16.521	248	21386	10.054	ng/ul	95
69) Hexachlorobenzene	16.633	284	25662	10.335	ng/ul	95
70) Atrazine	16.792	200	19968	9.350	ng/ul	94
71) Pentachlorophenol	16.980	266	14141	8.903	ng/ul	91
72) Phenanthrene	17.374	178	74203	9.405	ng/ul	99
74) Anthracene	17.462	178	77720	9.408	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.392	216	31466	10.844	ng/ul	96
76) Pentachlorobenzene	14.904	250	32754	10.848	ng/ul	97
77) Carbazole	17.739	167	56737	7.912	ng/ul	98
78) Di-n-butylphthalate	18.292	149	61353	8.843	ng/ul	99
80) Fluoranthene	19.386	202	95138	10.766	ng/ul	99
82) Pyrene	19.745	202	99553	10.615	ng/ul	98
83) Butylbenzylphthalate	20.633	149	25389	9.386	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.427	252	34667	9.537	ng/ul	96
85) Benzo(a)anthracene	21.492	228	104628	9.982	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.403	149	34413	8.941	ng/ul#	97
87) Chrysene	21.545	228	95275	9.821	ng/ul	98
89) Di-n-octyl phthalate	22.327	149	64815	7.061	ng/ul	100
90) Benzo(b)fluoranthene	23.174	252	128219	9.569	ng/ul	99
91) Benzo(k)fluoranthene	23.221	252	129318	9.686	ng/ul	98
93) Benzo(a)pyrene	23.803	252	118763	9.571	ng/ul#	99
94) Indeno(1,2,3-cd)pyrene	26.415	276	191280	9.752	ng/ul	99
95) Dibenzo(a,h)anthracene	26.432	278	160444	9.638	ng/ul	99
96) Benzo(g,h,i)perylene	27.191	276	156331	9.819	ng/ul	100

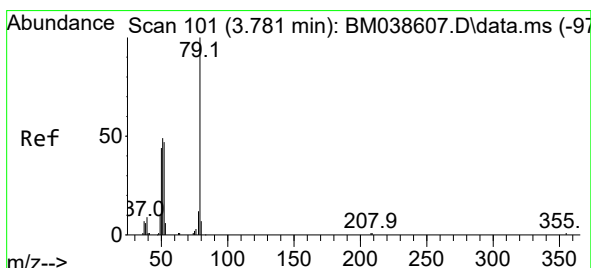
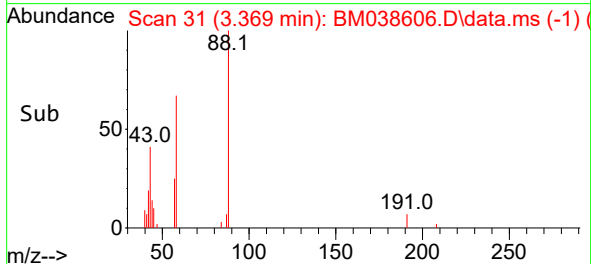
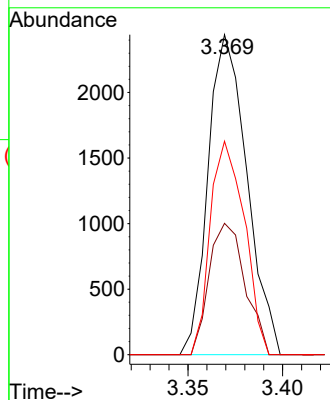
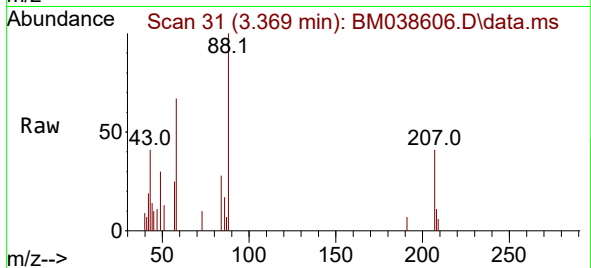
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#2
1,4-Dioxane
Concen: 3.990 ng/uL
RT: 3.369 min Scan# 31
Delta R.T. 0.000 min
Lab File: BM038606.D
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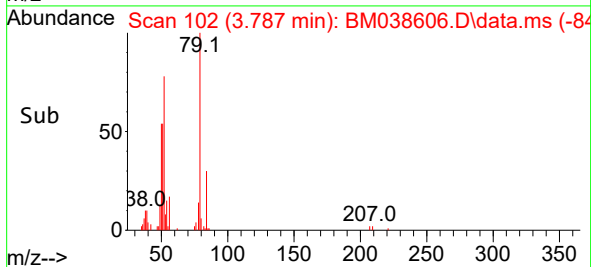
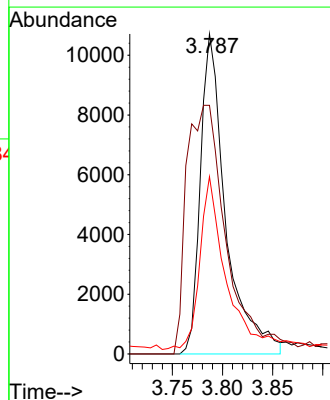
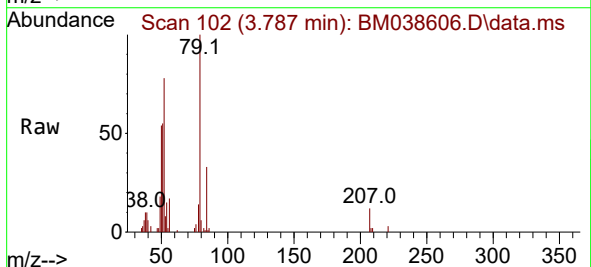
Instrument :
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ClientSampleId :
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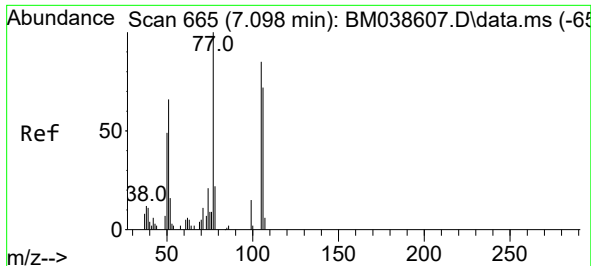
Tgt Ion: 88 Resp: 3482
Ion Ratio Lower Upper
88 100
43 41.0 33.8 50.8
58 66.7 52.1 78.1



#5
Pyridine
Concen: 9.086 ng/uL
RT: 3.787 min Scan# 102
Delta R.T. 0.006 min
Lab File: BM038606.D
Acq: 30 Jan 2023 14:54

Tgt Ion: 79 Resp: 18923
Ion Ratio Lower Upper
79 100
52 77.7 67.4 101.0
51 55.4 40.7 61.1

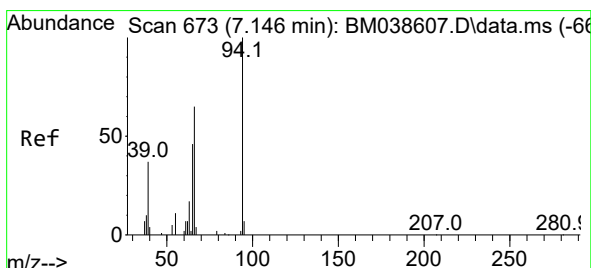
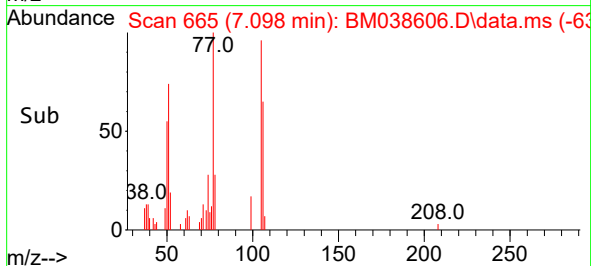
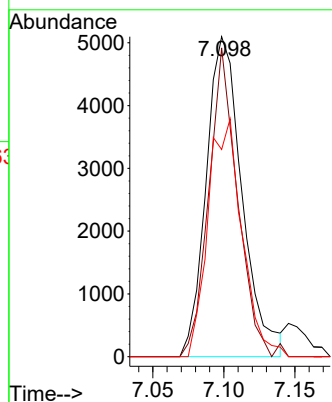
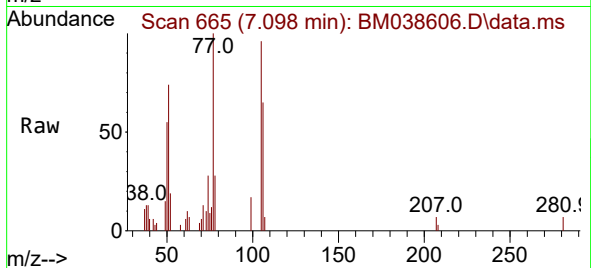




#6
Benzaldehyde
Concen: 10.091 ng/ul
RT: 7.098 min Scan# 665
Delta R.T. 0.000 min
Lab File: BM038606.D
Acq: 30 Jan 2023 14:54

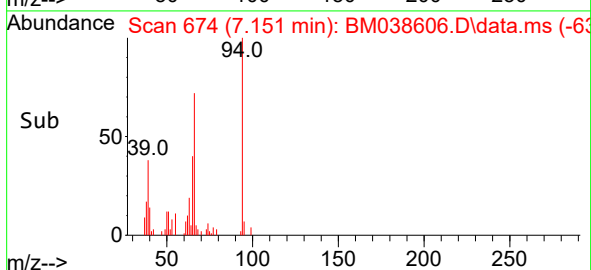
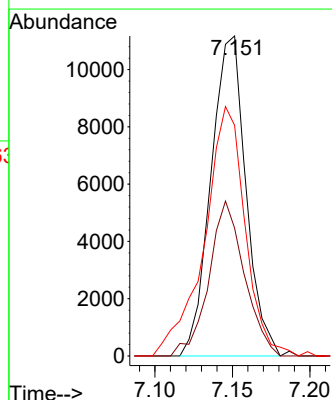
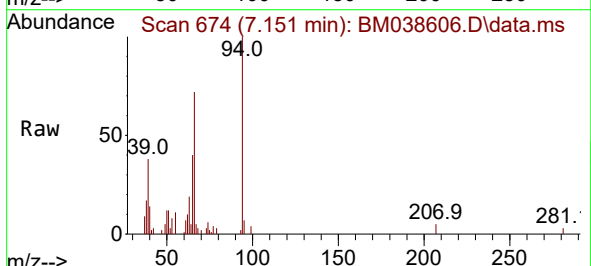
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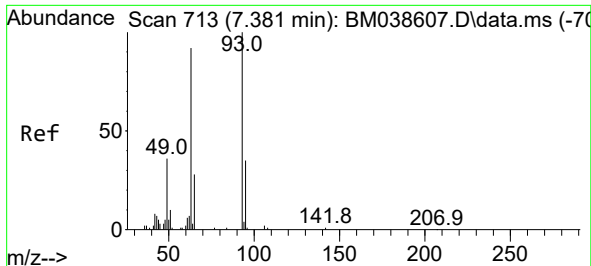
Tgt Ion: 77 Resp: 8968
Ion Ratio Lower Upper
77 100
105 96.5 68.3 102.5
106 64.8 57.7 86.5



#8
Phenol
Concen: 9.092 ng/ul
RT: 7.151 min Scan# 674
Delta R.T. 0.006 min
Lab File: BM038606.D
Acq: 30 Jan 2023 14:54

Tgt Ion: 94 Resp: 17545
Ion Ratio Lower Upper
94 100
65 39.9 38.2 57.2
66 72.0 57.9 86.9

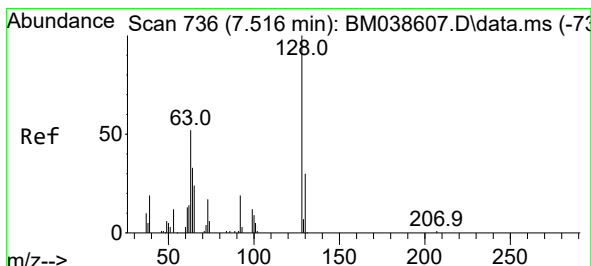
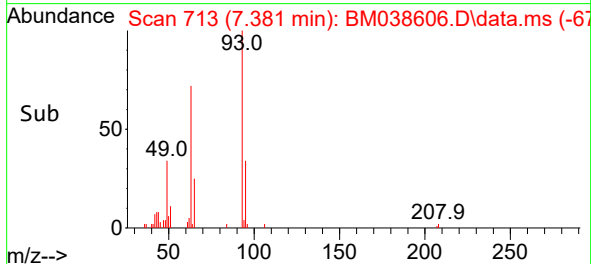
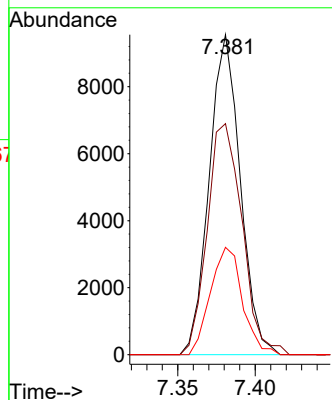
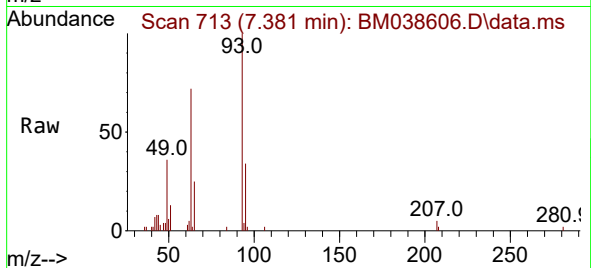




#10
Bis(2-Chloroethyl)ether
Concen: 9.662 ng/ul
RT: 7.381 min Scan# 713
Delta R.T. 0.000 min
Lab File: BM038606.D
Acq: 30 Jan 2023 14:54

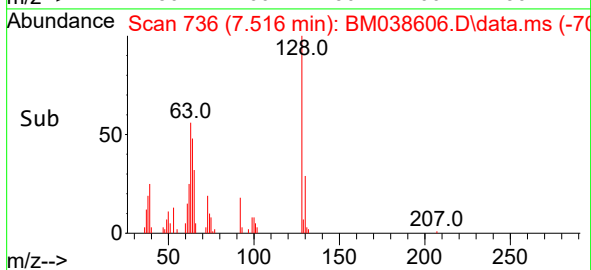
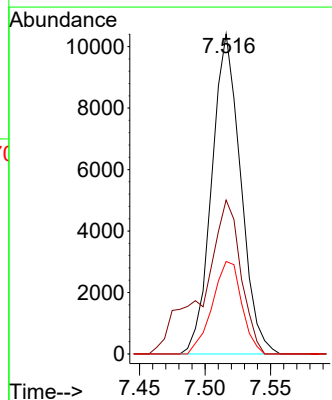
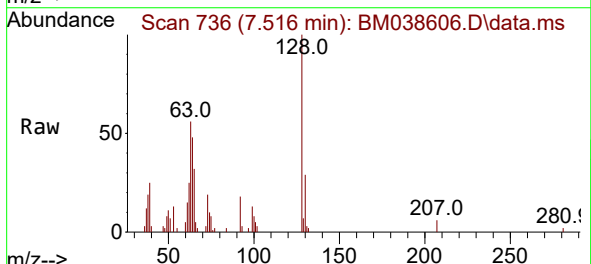
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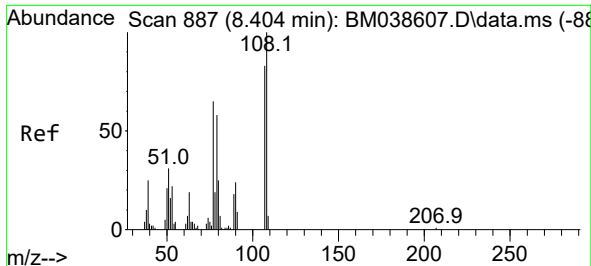
Tgt Ion: 93 Resp: 13322
Ion Ratio Lower Upper
93 100
63 72.2 73.9 110.9#
95 33.6 28.0 42.0



#12
2-Chlorophenol
Concen: 9.960 ng/ul
RT: 7.516 min Scan# 736
Delta R.T. -0.000 min
Lab File: BM038606.D
Acq: 30 Jan 2023 14:54

Tgt Ion:128 Resp: 15976
Ion Ratio Lower Upper
128 100
64 48.1 40.0 60.0
130 28.9 24.4 36.6

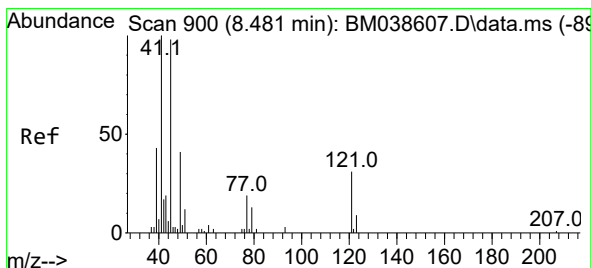
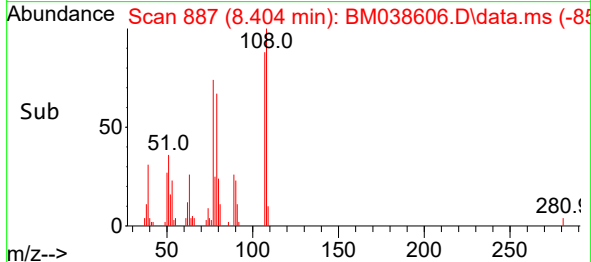
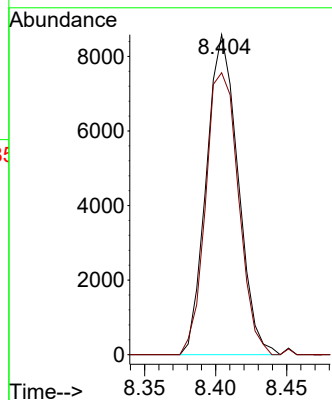
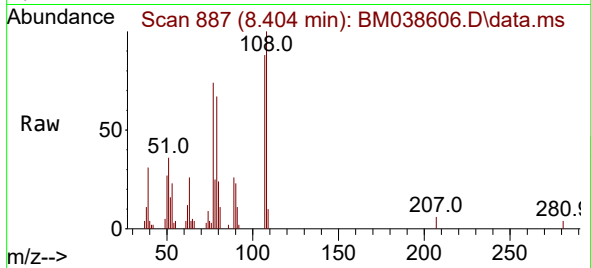




#13
2-Methylphenol
Concen: 9.084 ng/ul
RT: 8.404 min Scan# 887
Delta R.T. 0.000 min
Lab File: BM038606.D
Acq: 30 Jan 2023 14:54

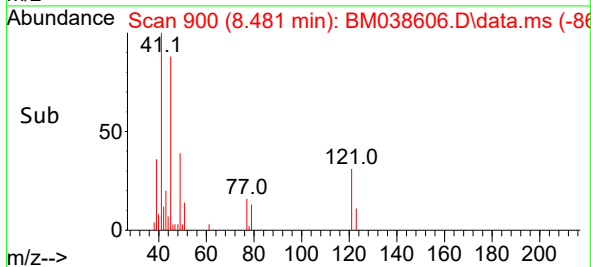
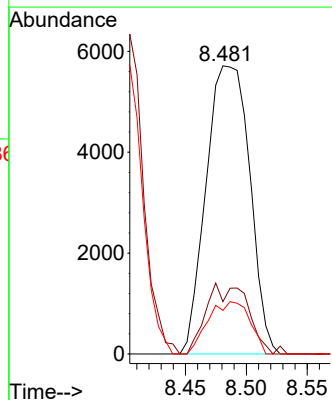
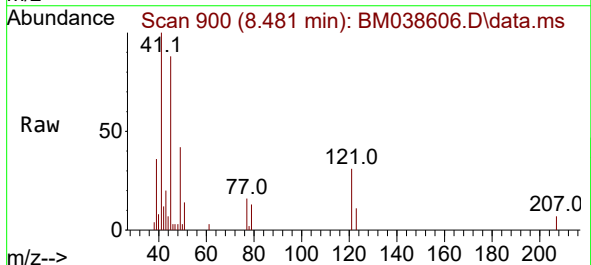
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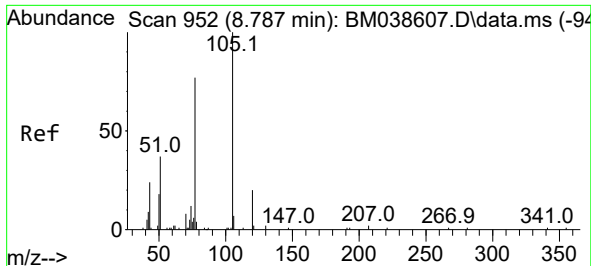
Tgt Ion:108 Resp: 13319
Ion Ratio Lower Upper
108 100
107 88.1 66.6 100.0



#14
2,2'-oxybis(1-Chloropropane)
Concen: 10.004 ng/ul
RT: 8.481 min Scan# 900
Delta R.T. 0.000 min
Lab File: BM038606.D
Acq: 30 Jan 2023 14:54

Tgt Ion: 45 Resp: 14251
Ion Ratio Lower Upper
45 100
77 18.2 16.9 25.3
79 15.1 11.8 17.6

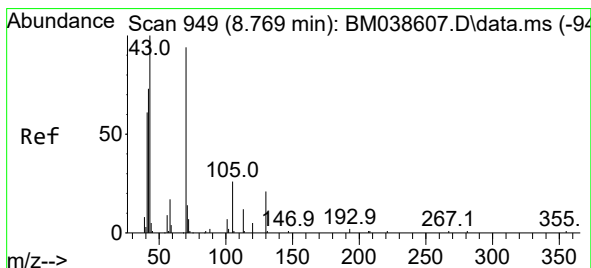
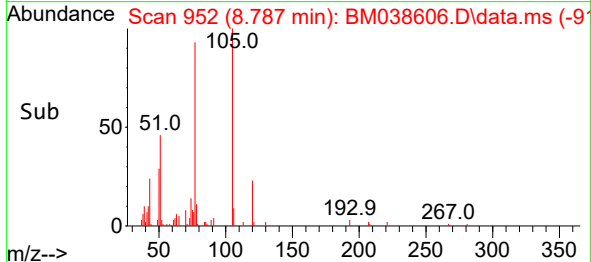
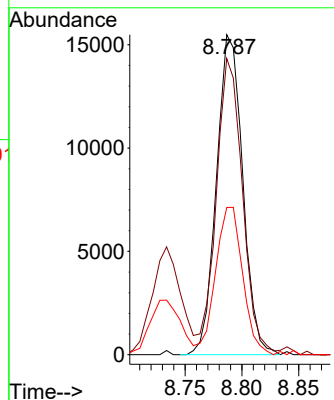
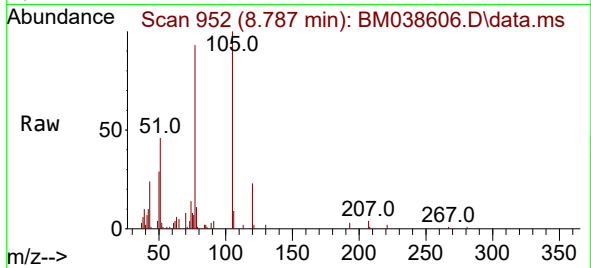




#16
Acetophenone
Concen: 9.155 ng/ul
RT: 8.787 min Scan# 91
Delta R.T. -0.000 min
Lab File: BM038606.D
Acq: 30 Jan 2023 14:54

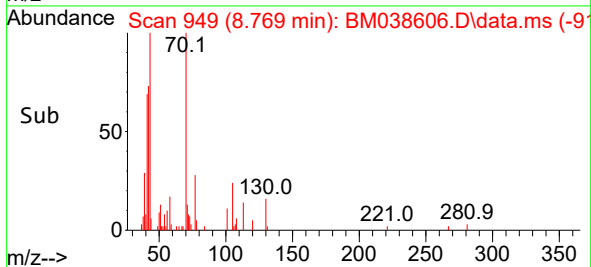
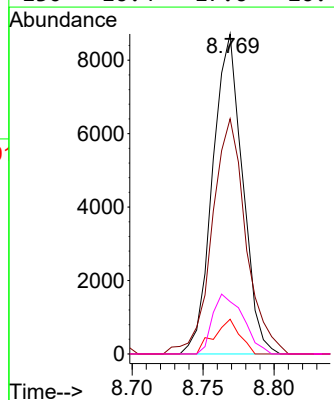
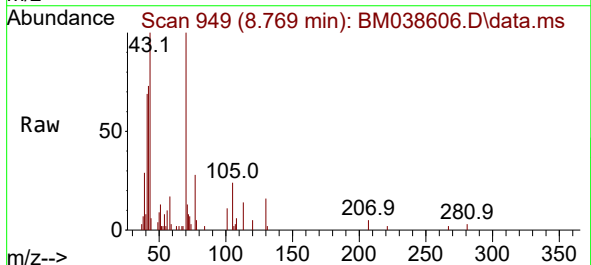
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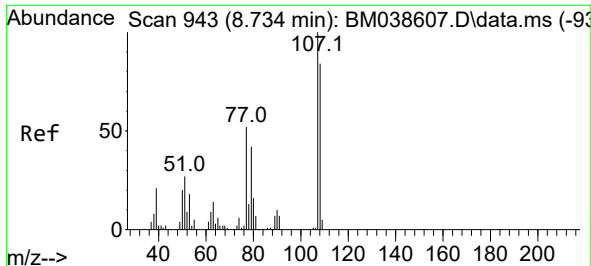
Tgt Ion:105 Resp: 24875
Ion Ratio Lower Upper
105 100
77 92.5 78.6 117.8
51 46.0 37.2 55.8



#17
N-Nitroso-di-n-propylamine
Concen: 10.217 ng/ul
RT: 8.769 min Scan# 949
Delta R.T. 0.000 min
Lab File: BM038606.D
Acq: 30 Jan 2023 14:54

Tgt Ion: 70 Resp: 12757
Ion Ratio Lower Upper
70 100
42 73.5 63.6 95.4
101 10.8 6.3 9.5#
130 16.4 17.6 26.4#

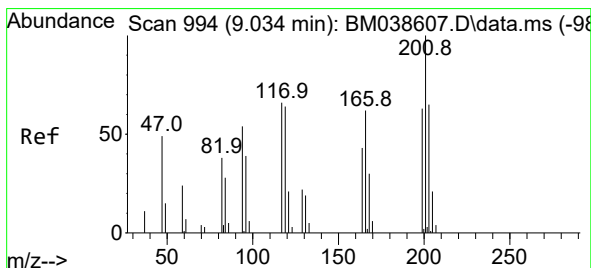
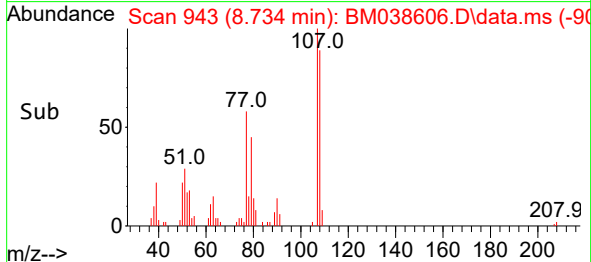
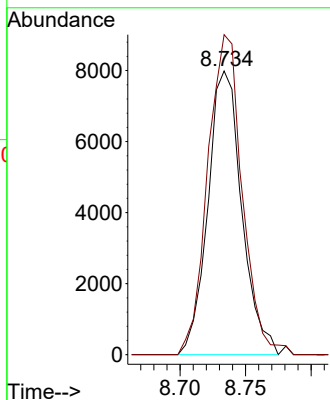
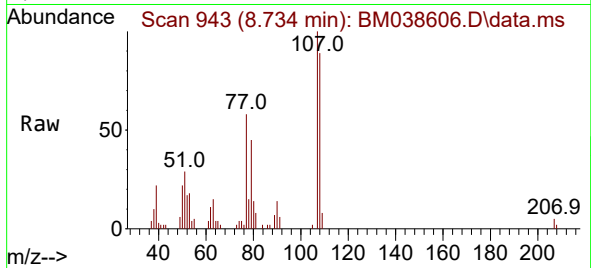




#18
4-Methylphenol
Concen: 9.212 ng/ul
RT: 8.734 min Scan# 943
Delta R.T. -0.000 min
Lab File: BM038606.D
Acq: 30 Jan 2023 14:54

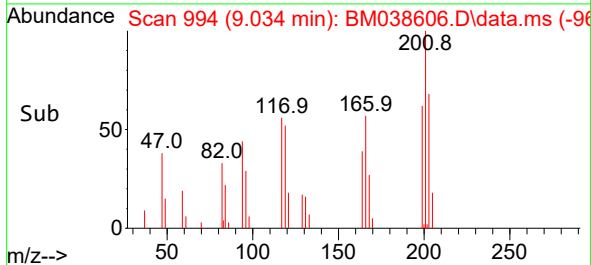
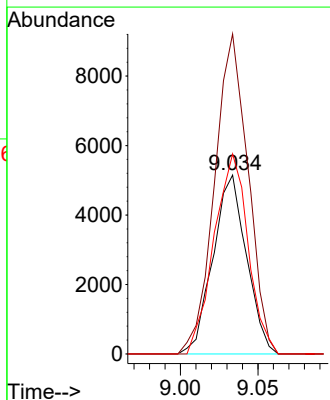
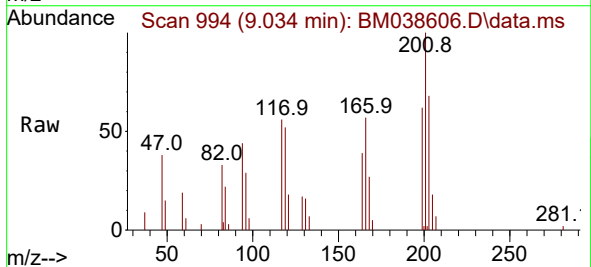
Instrument :
BNA_M
ClientSampleId :
SSTD010027

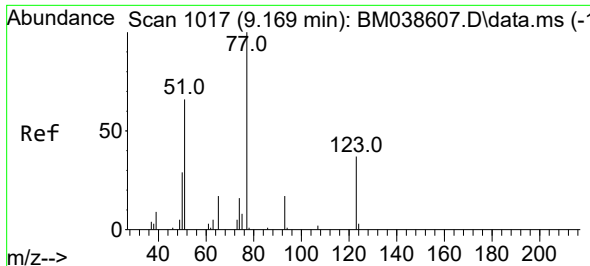
Tgt Ion:108 Resp: 14337
Ion Ratio Lower Upper
108 100
107 112.8 95.1 142.7



#19
Hexachloroethane
Concen: 9.577 ng/ul
RT: 9.034 min Scan# 994
Delta R.T. 0.000 min
Lab File: BM038606.D
Acq: 30 Jan 2023 14:54

Tgt Ion:117 Resp: 7748
Ion Ratio Lower Upper
117 100
201 182.5 124.4 186.6
199 111.7 76.3 114.5

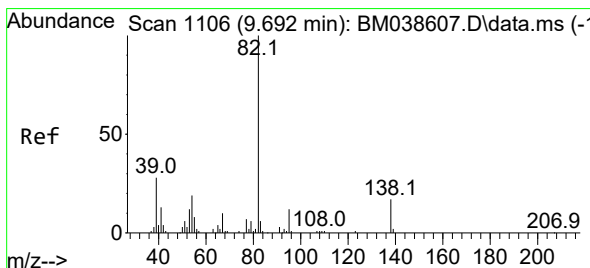
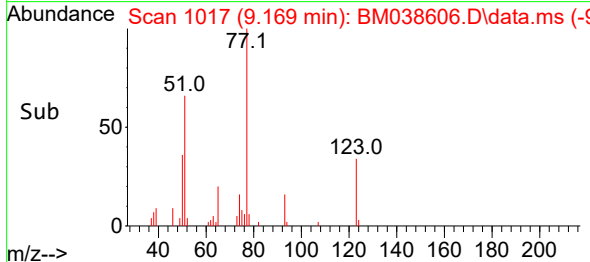
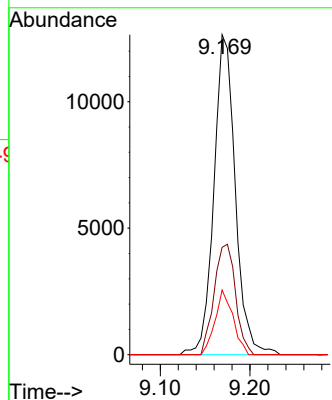
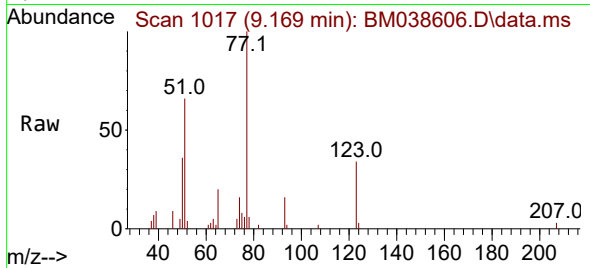




#22
Nitrobenzene
Concen: 10.240 ng/ul
RT: 9.169 min Scan# 1017
Delta R.T. -0.000 min
Lab File: BM038606.D
Acq: 30 Jan 2023 14:54

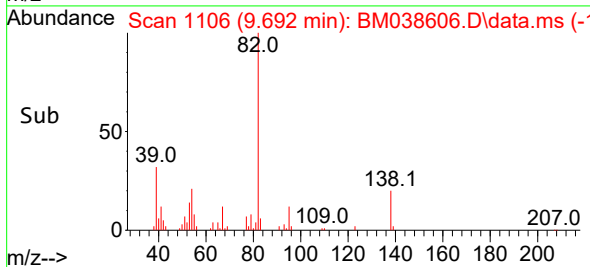
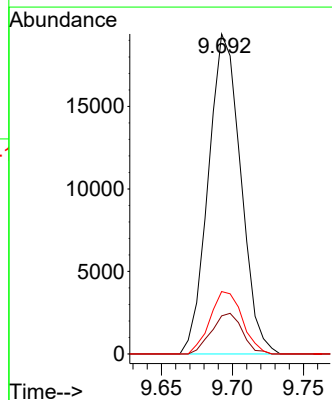
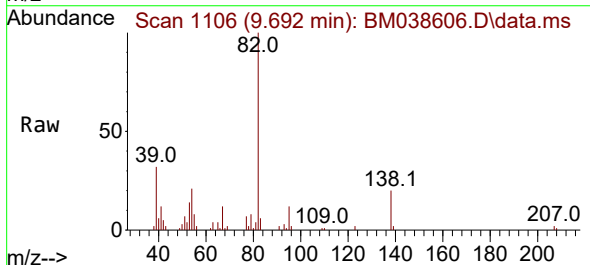
Instrument :
BNA_M
ClientSampleId :
SSTD010027

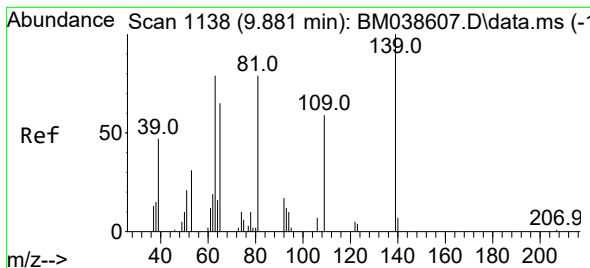
Tgt Ion	Ratio	Lower	Upper
77	100		
123	33.6	29.5	44.3
65	20.2	13.6	20.4



#23
Isophorone
Concen: 9.933 ng/ul
RT: 9.692 min Scan# 1106
Delta R.T. 0.000 min
Lab File: BM038606.D
Acq: 30 Jan 2023 14:54

Tgt Ion	Ratio	Lower	Upper
82	100		
95	11.9	9.3	13.9
138	19.5	13.4	20.0

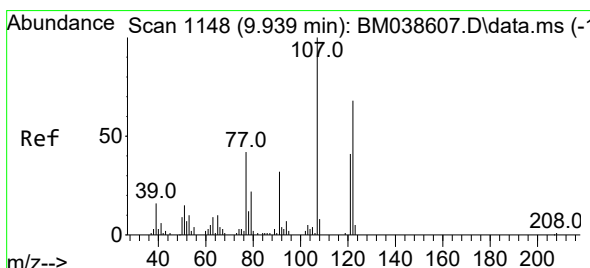
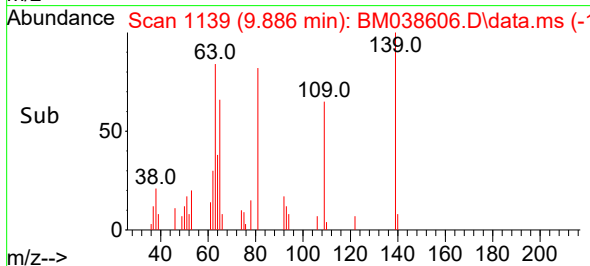
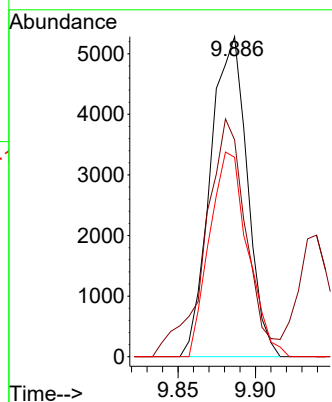
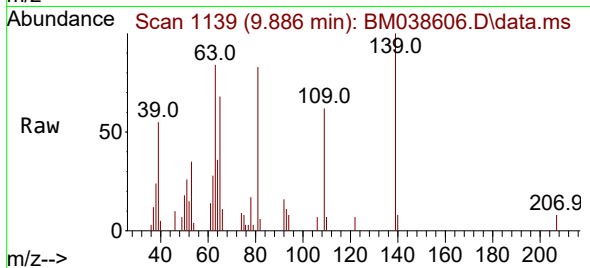




#25
2-Nitrophenol
Concen: 9.794 ng/ul
RT: 9.886 min Scan# 1139
Delta R.T. 0.006 min
Lab File: BM038606.D
Acq: 30 Jan 2023 14:54

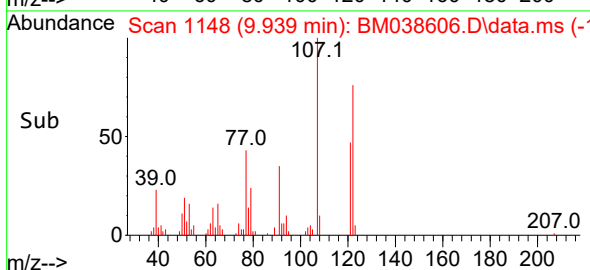
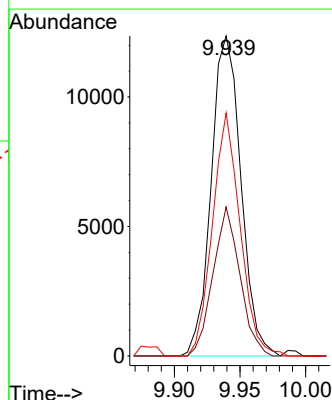
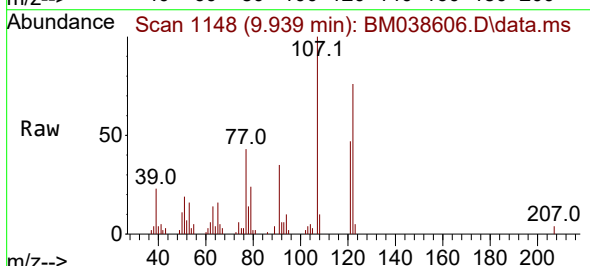
Instrument :
BNA_M
ClientSampleId :
SSTD010027

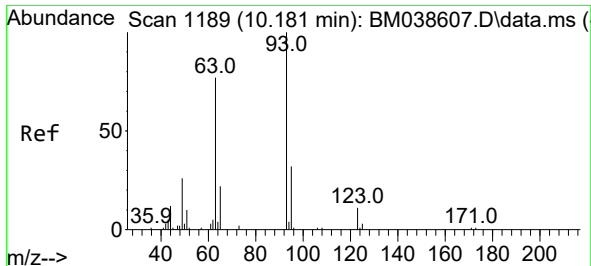
Tgt Ion:139 Resp: 8728
Ion Ratio Lower Upper
139 100
65 67.8 58.6 87.8
109 62.3 46.8 70.2



#26
2,4-Dimethylphenol
Concen: 10.071 ng/ul
RT: 9.939 min Scan# 1148
Delta R.T. -0.000 min
Lab File: BM038606.D
Acq: 30 Jan 2023 14:54

Tgt Ion:107 Resp: 19494
Ion Ratio Lower Upper
107 100
121 46.5 32.6 48.8
122 76.0 54.8 82.2

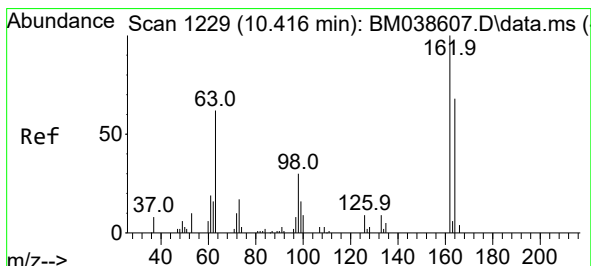
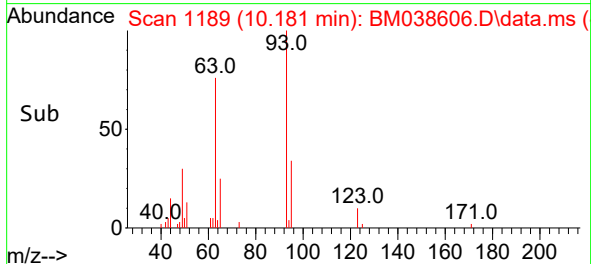
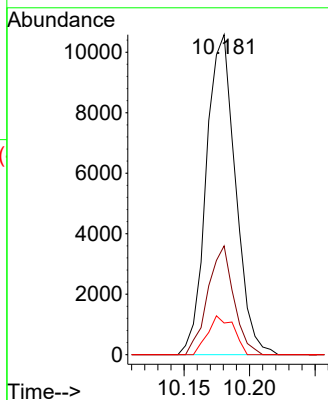
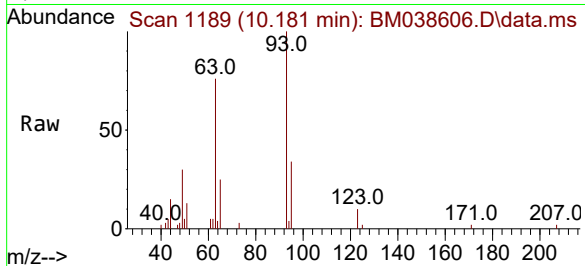




#27
 Bis(2-Chloroethoxy)methane
 Concen: 10.367 ng/ul
 RT: 10.181 min Scan# 1189
 Delta R.T. 0.000 min
 Lab File: BM038606.D
 Acq: 30 Jan 2023 14:54

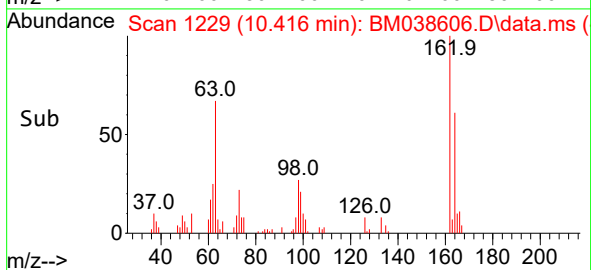
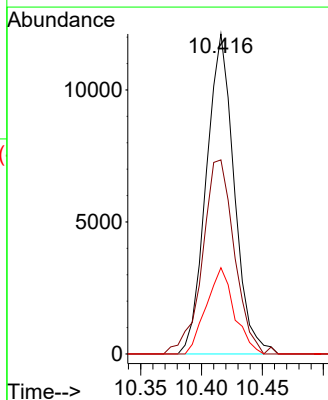
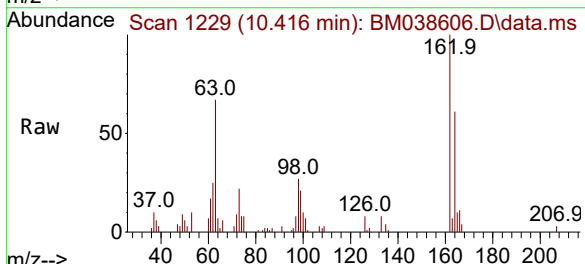
Instrument :
 BNA_M
 ClientSampleId :
 SSTD010027

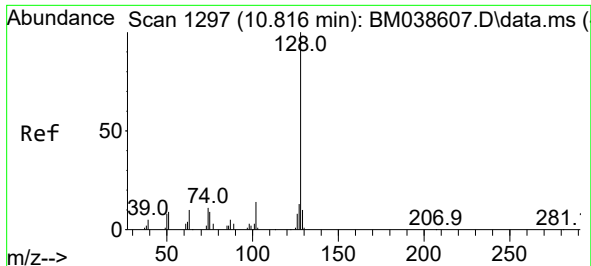
Tgt Ion:	93	Resp:	16389
Ion	Ratio	Lower	Upper
93	100		
95	34.0	25.3	37.9
123	9.9	8.6	13.0



#29
 2,4-Dichlorophenol
 Concen: 10.241 ng/ul
 RT: 10.416 min Scan# 1229
 Delta R.T. 0.000 min
 Lab File: BM038606.D
 Acq: 30 Jan 2023 14:54

Tgt Ion:	162	Resp:	19367
Ion	Ratio	Lower	Upper
162	100		
164	60.7	56.3	84.5
98	27.0	24.6	37.0

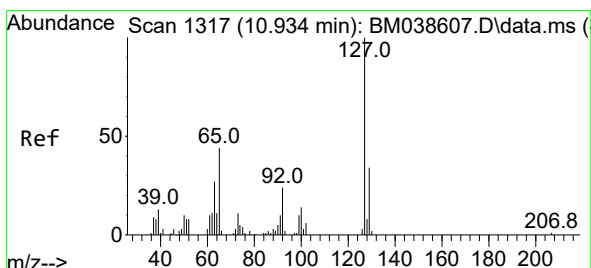
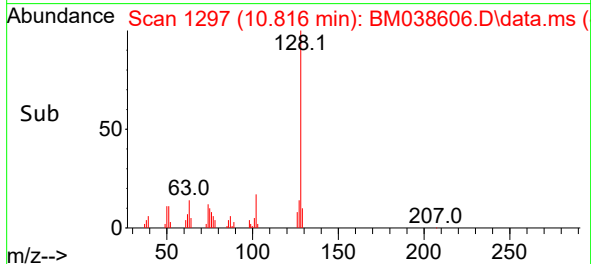
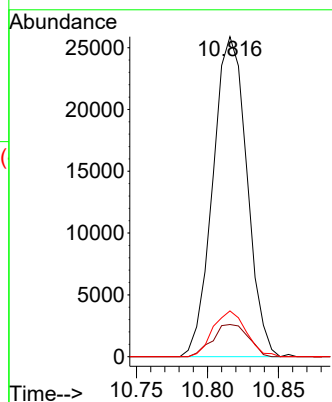
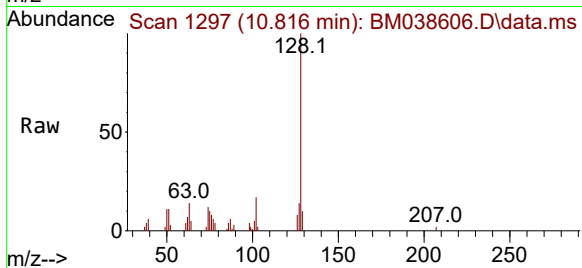




#30
Naphthalene
Concen: 9.675 ng/ul
RT: 10.816 min Scan# 1297
Delta R.T. -0.000 min
Lab File: BM038606.D
Acq: 30 Jan 2023 14:54

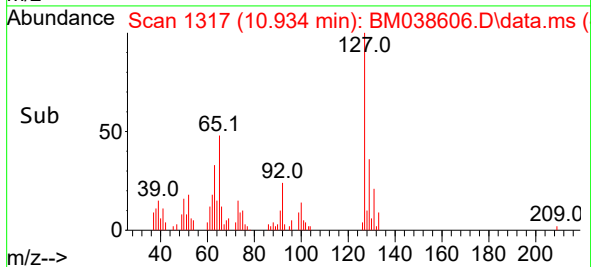
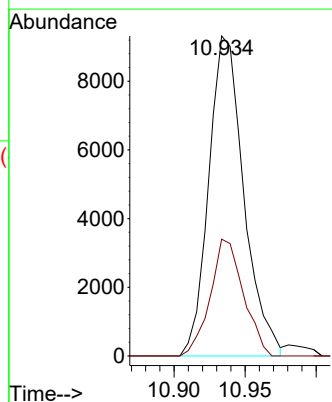
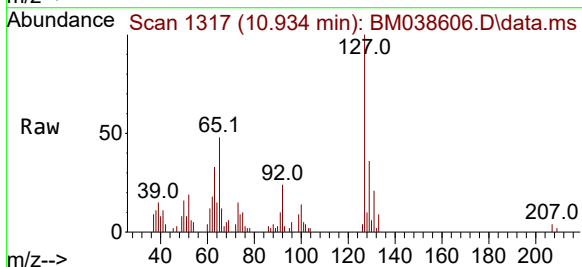
Instrument :
BNA_M
ClientSampleId :
SSTD010027

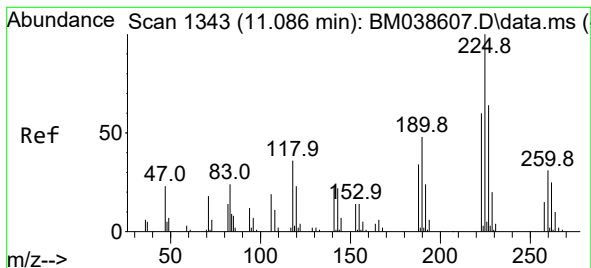
Tgt Ion:128 Resp: 43111
Ion Ratio Lower Upper
128 100
129 10.0 8.0 12.0
127 14.3 10.5 15.7



#32
4-Chloroaniline
Concen: 8.230 ng/ul
RT: 10.934 min Scan# 1317
Delta R.T. 0.000 min
Lab File: BM038606.D
Acq: 30 Jan 2023 14:54

Tgt Ion:127 Resp: 15969
Ion Ratio Lower Upper
127 100
129 36.5 26.9 40.3





#33

Hexachlorobutadiene

Concen: 10.758 ng/ul

RT: 11.086 min Scan# 11

Delta R.T. 0.000 min

Lab File: BM038606.D

Acq: 30 Jan 2023 14:54

Instrument :

BNA_M

ClientSampleId :

SSTD010027

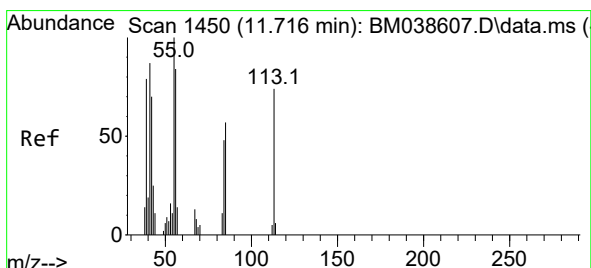
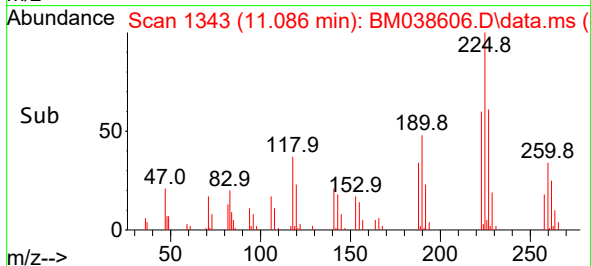
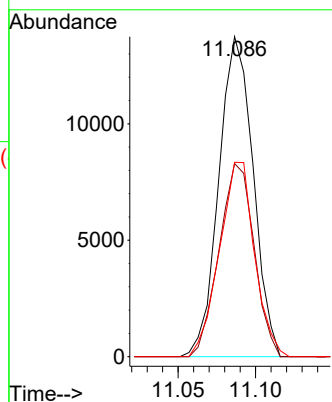
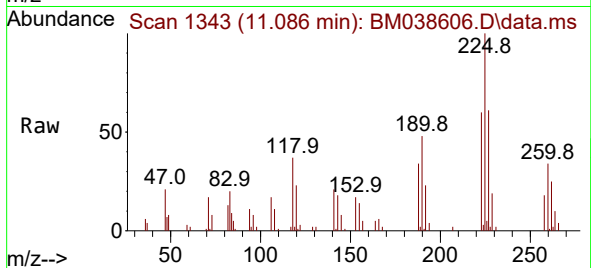
Tgt Ion:225 Resp: 21142

Ion Ratio Lower Upper

225 100

223 60.3 48.0 72.0

227 63.0 53.6 80.4



#34

Caprolactam

Concen: 6.833 ng/ul

RT: 11.716 min Scan# 1450

Delta R.T. 0.000 min

Lab File: BM038606.D

Acq: 30 Jan 2023 14:54

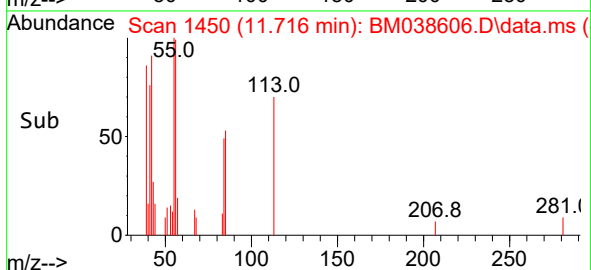
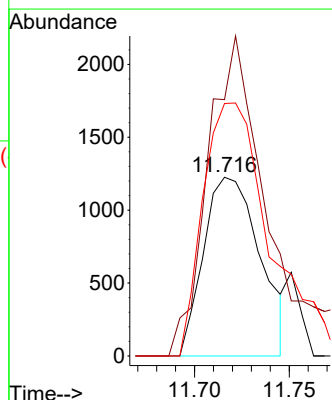
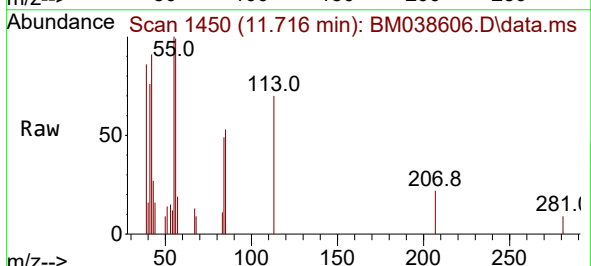
Tgt Ion:113 Resp: 2539

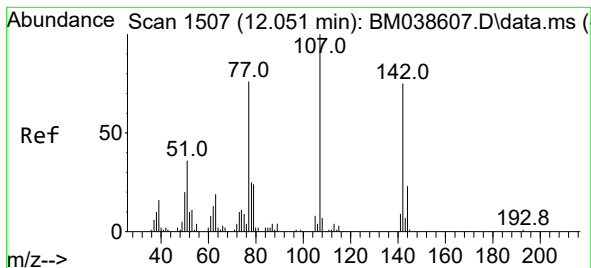
Ion Ratio Lower Upper

113 100

55 143.4 107.6 161.4

56 141.3 96.5 144.7

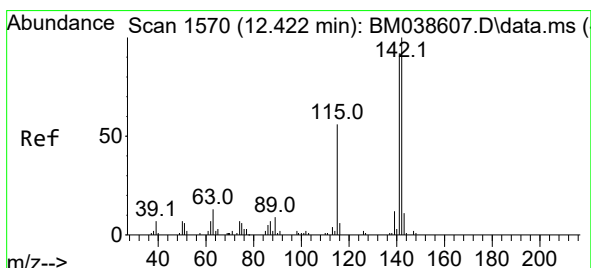
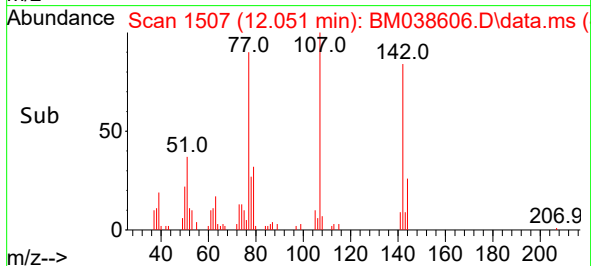
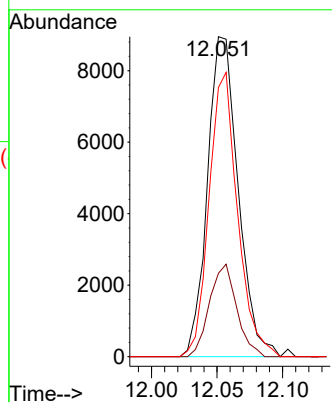
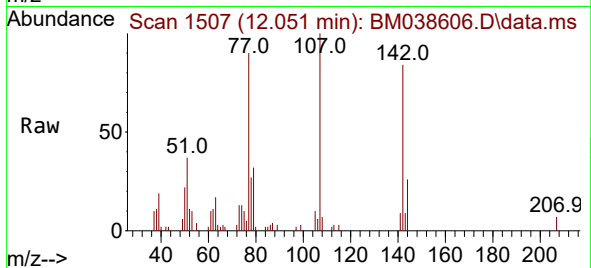




#35
4-Chloro-3-methylphenol
Concen: 9.774 ng/ul
RT: 12.051 min Scan# 1507
Delta R.T. 0.000 min
Lab File: BM038606.D
Acq: 30 Jan 2023 14:54

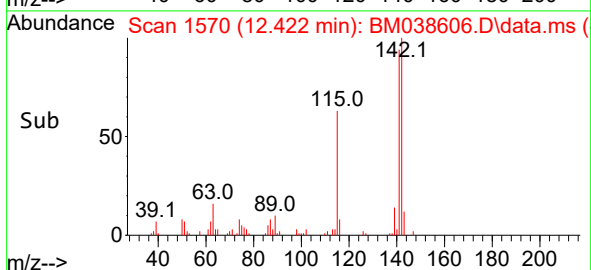
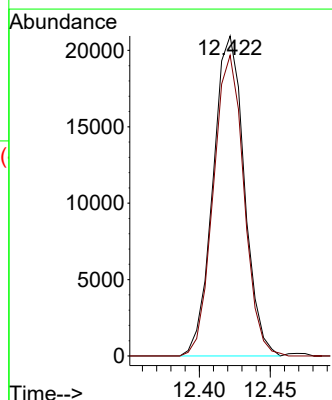
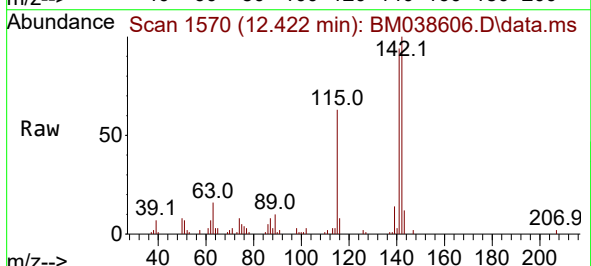
Instrument :
BNA_M
ClientSampleId :
SSTD010027

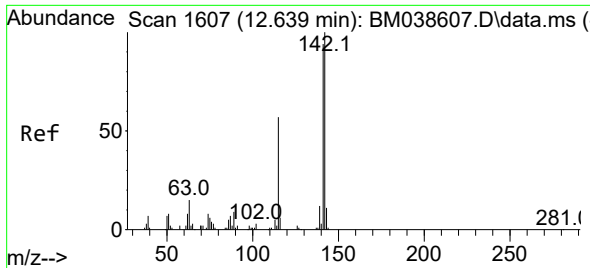
Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.1	18.1	27.1
142	84.1	60.2	90.4



#36
2-Methylnaphthalene
Concen: 9.659 ng/ul
RT: 12.422 min Scan# 1570
Delta R.T. 0.000 min
Lab File: BM038606.D
Acq: 30 Jan 2023 14:54

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.9	73.7	110.5

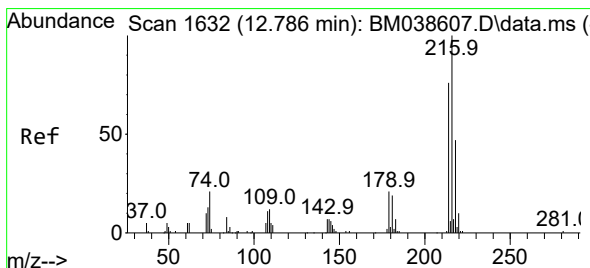
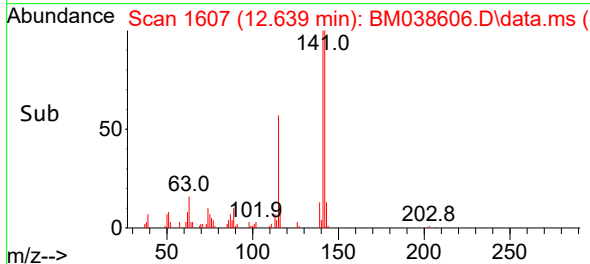
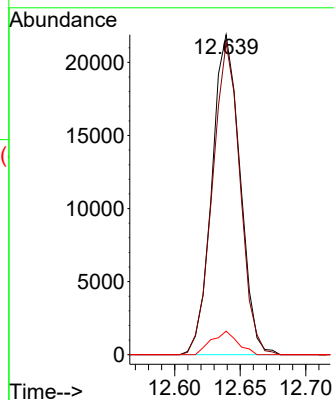
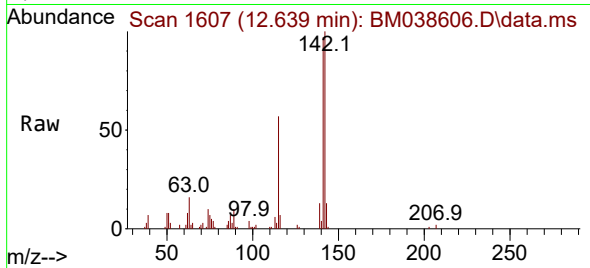




#37
1-Methylnaphthalene
Concen: 9.544 ng/ul
RT: 12.639 min Scan# 1607
Delta R.T. 0.000 min
Lab File: BM038606.D
Acq: 30 Jan 2023 14:54

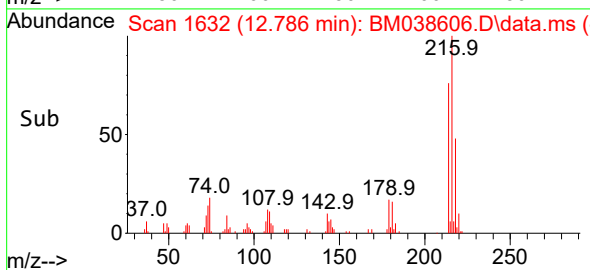
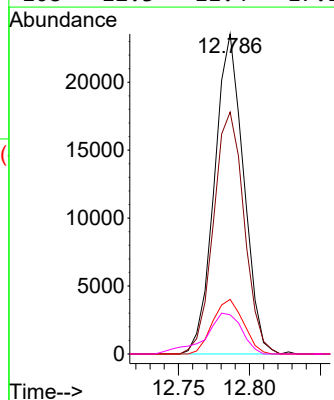
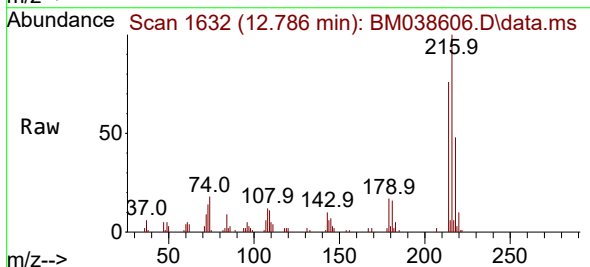
Instrument :
BNA_M
ClientSampleId :
SSTD010027

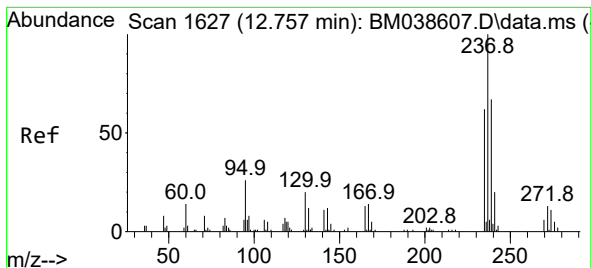
Tgt Ion:142 Resp: 32653
Ion Ratio Lower Upper
142 100
141 97.5 75.2 112.8
116 7.3 5.0 7.4



#39
1,2,4,5-Tetrachlorobenzene
Concen: 10.486 ng/ul
RT: 12.786 min Scan# 1632
Delta R.T. 0.000 min
Lab File: BM038606.D
Acq: 30 Jan 2023 14:54

Tgt Ion:216 Resp: 33566
Ion Ratio Lower Upper
216 100
214 75.6 61.1 91.7
179 17.0 17.0 25.4
108 12.3 11.4 17.2

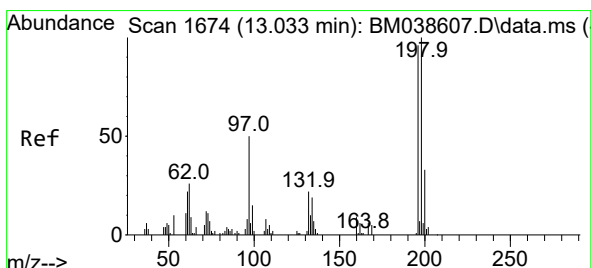
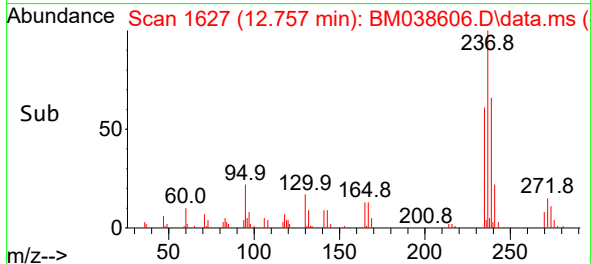
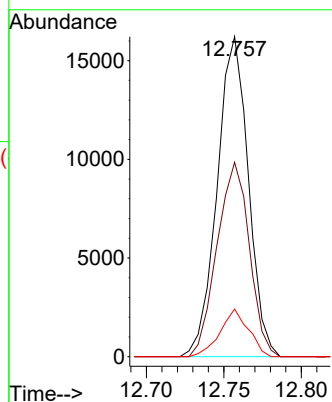
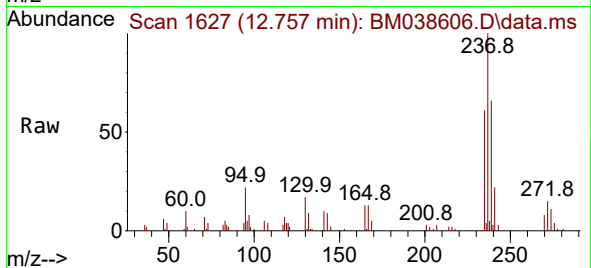




#40
Hexachlorocyclopentadiene
Concen: 9.939 ng/ul
RT: 12.757 min Scan# 1627
Delta R.T. -0.000 min
Lab File: BM038606.D
Acq: 30 Jan 2023 14:54

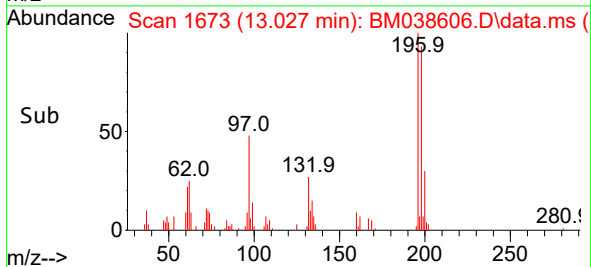
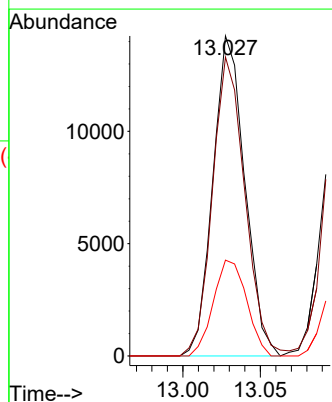
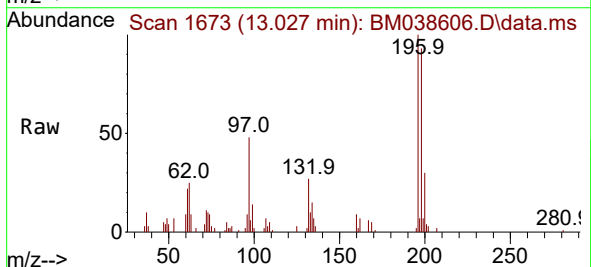
Instrument :
BNA_M
ClientSampleId :
SSTD010027

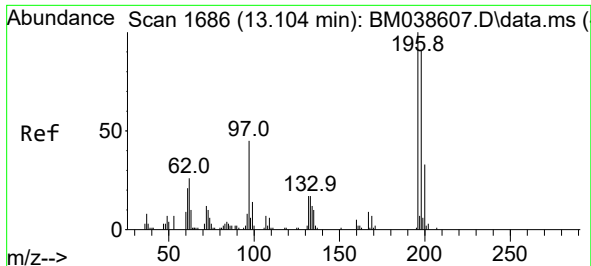
Tgt Ion:237 Resp: 22703
Ion Ratio Lower Upper
237 100
235 60.8 49.2 73.8
272 14.9 11.0 16.6



#41
2,4,6-Trichlorophenol
Concen: 10.456 ng/ul
RT: 13.027 min Scan# 1673
Delta R.T. -0.006 min
Lab File: BM038606.D
Acq: 30 Jan 2023 14:54

Tgt Ion:196 Resp: 20378
Ion Ratio Lower Upper
196 100
198 93.4 83.6 125.4
200 29.9 27.5 41.3

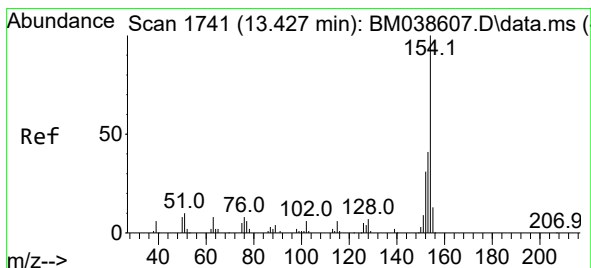
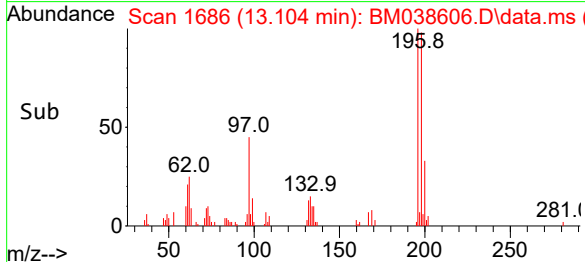
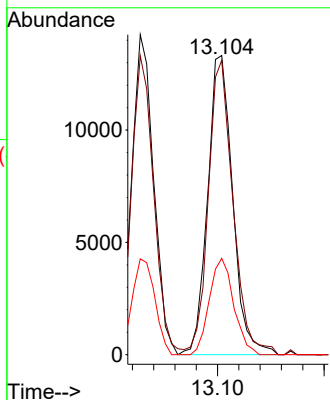
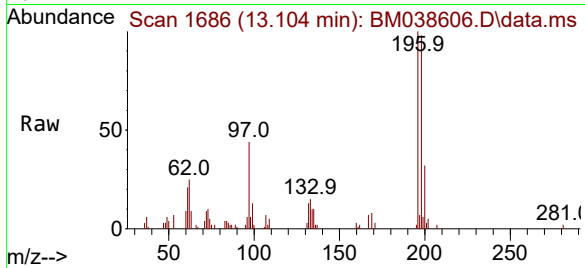




#42
2,4,5-Trichlorophenol
Concen: 10.473 ng/ul
RT: 13.104 min Scan# 1686
Delta R.T. -0.000 min
Lab File: BM038606.D
Acq: 30 Jan 2023 14:54

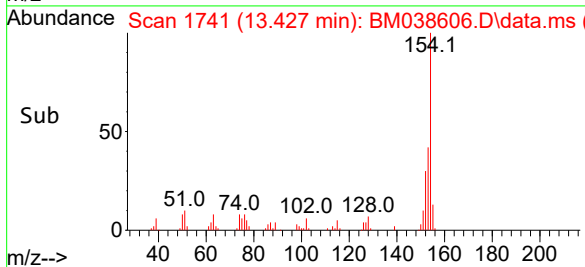
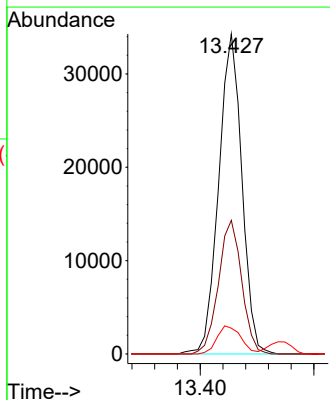
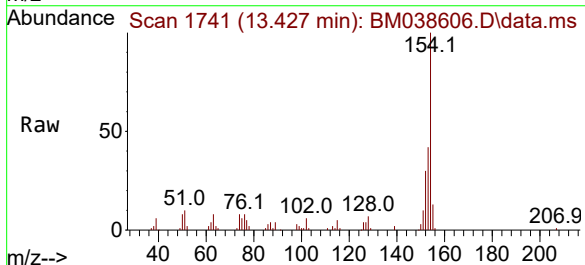
Instrument :
BNA_M
ClientSampleId :
SSTD010027

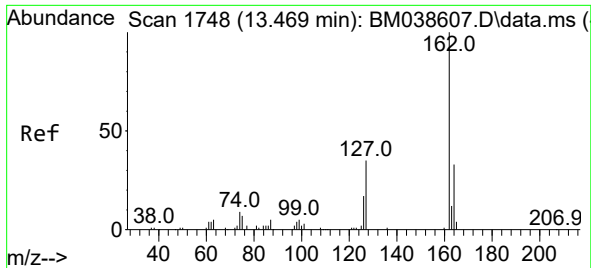
Tgt Ion:196 Resp: 21797
Ion Ratio Lower Upper
196 100
198 98.4 73.2 109.8
200 32.2 25.8 38.8



#43
1,1'-Biphenyl
Concen: 9.705 ng/ul
RT: 13.427 min Scan# 1741
Delta R.T. 0.000 min
Lab File: BM038606.D
Acq: 30 Jan 2023 14:54

Tgt Ion:154 Resp: 48524
Ion Ratio Lower Upper
154 100
153 41.8 33.2 49.8
76 8.0 6.7 10.1

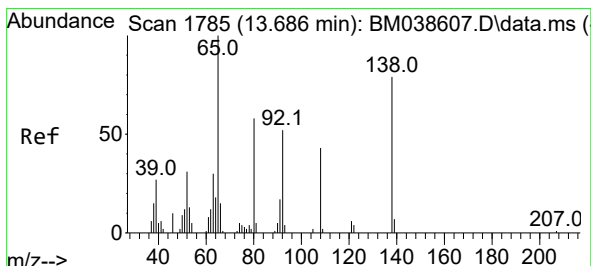
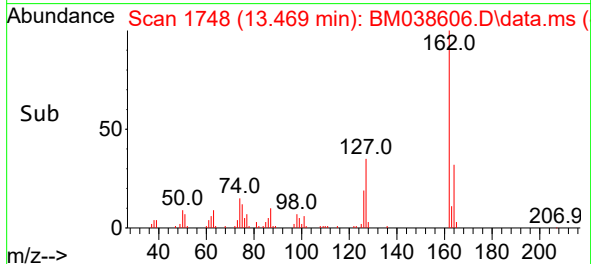
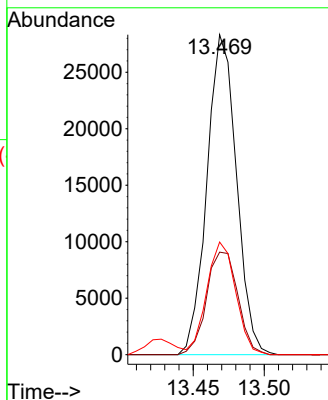
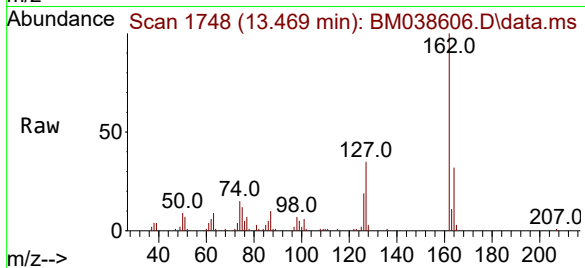




#44
2-Chloronaphthalene
Concen: 9.871 ng/ul
RT: 13.469 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM038606.D
Acq: 30 Jan 2023 14:54

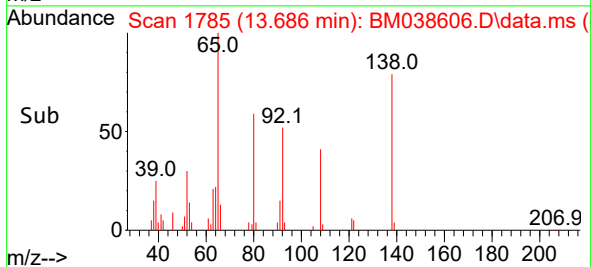
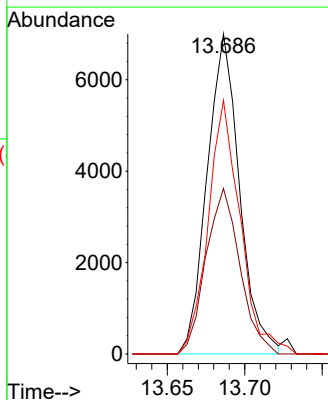
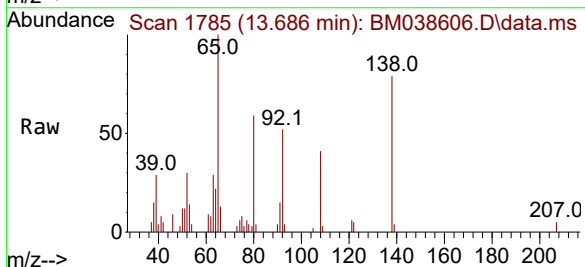
Instrument :
BNA_M
ClientSampleId :
SSTD010027

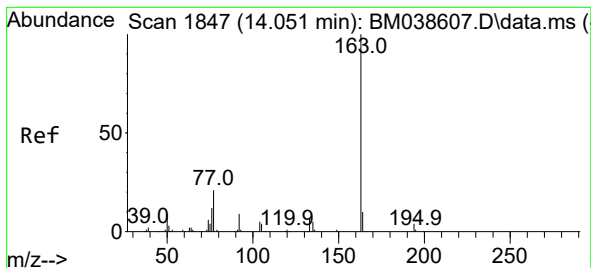
Tgt Ion:162 Resp: 41004
Ion Ratio Lower Upper
162 100
164 32.0 26.6 40.0
127 35.2 31.6 47.4



#45
2-Nitroaniline
Concen: 9.172 ng/ul
RT: 13.686 min Scan# 1785
Delta R.T. -0.000 min
Lab File: BM038606.D
Acq: 30 Jan 2023 14:54

Tgt Ion: 65 Resp: 10190
Ion Ratio Lower Upper
65 100
92 51.7 41.5 62.3
138 79.3 63.3 94.9





#47

Dimethylphthalate

Concen: 10.018 ng/ul

RT: 14.051 min Scan# 1847

Delta R.T. -0.000 min

Lab File: BM038606.D

Acq: 30 Jan 2023 14:54

Instrument :

BNA_M

ClientSampleId :

SSTD010027

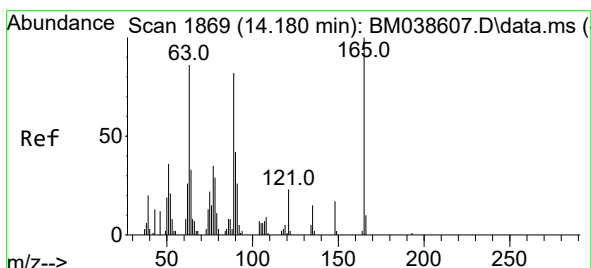
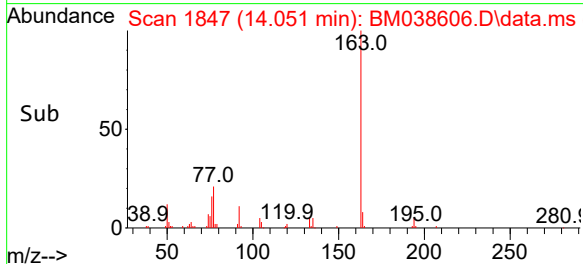
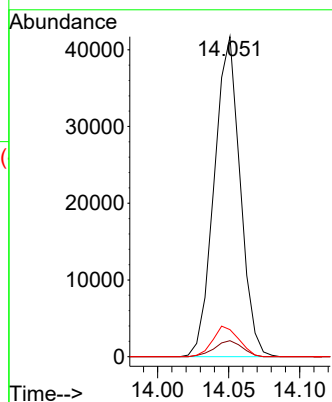
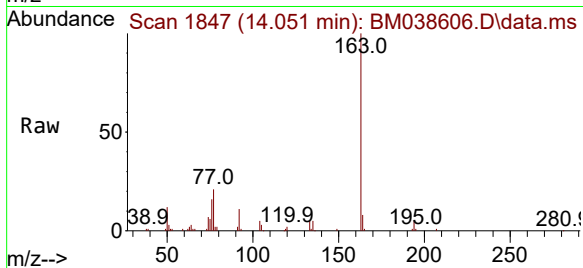
Tgt Ion:163 Resp: 52950

Ion Ratio Lower Upper

163 100

194 5.0 3.5 5.3

164 8.4 8.0 12.0



#48

2,6-Dinitrotoluene

Concen: 9.722 ng/ul

RT: 14.180 min Scan# 1869

Delta R.T. -0.000 min

Lab File: BM038606.D

Acq: 30 Jan 2023 14:54

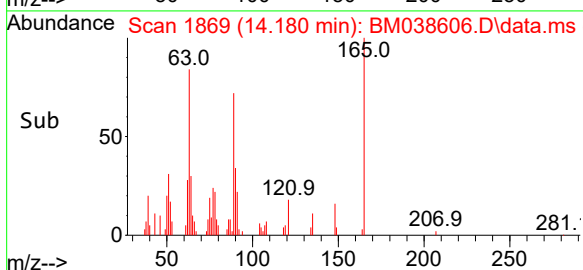
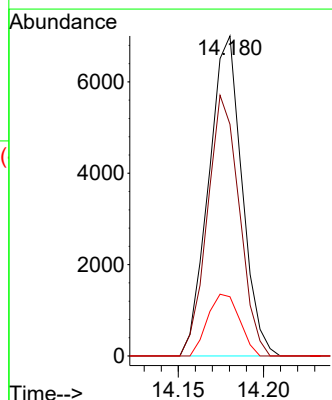
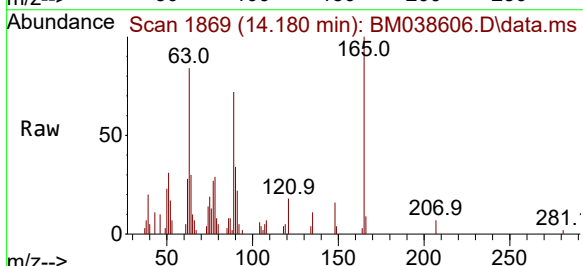
Tgt Ion:165 Resp: 9517

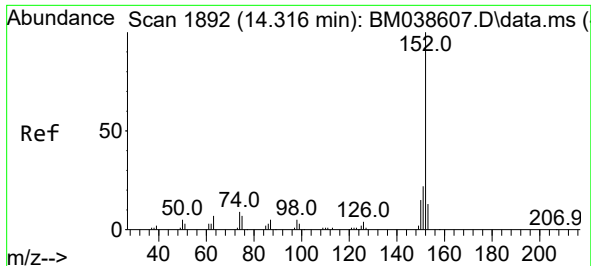
Ion Ratio Lower Upper

165 100

89 72.4 66.7 100.1

121 18.5 18.2 27.4

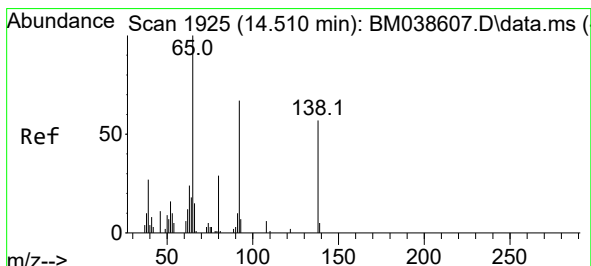
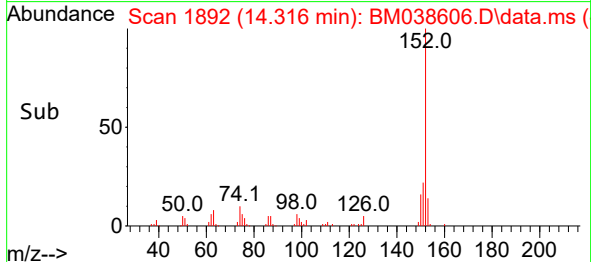
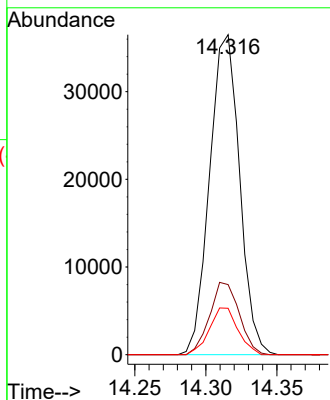
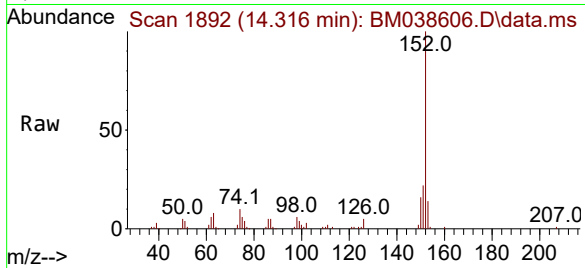




#50
Acenaphthylene
Concen: 9.379 ng/ul
RT: 14.316 min Scan# 1892
Delta R.T. 0.000 min
Lab File: BM038606.D
Acq: 30 Jan 2023 14:54

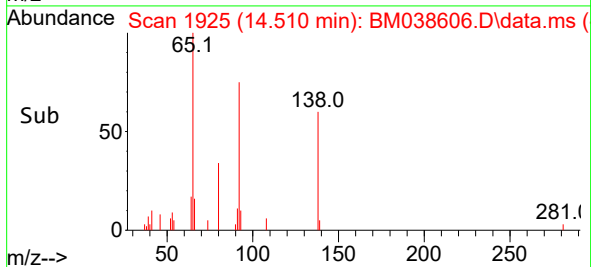
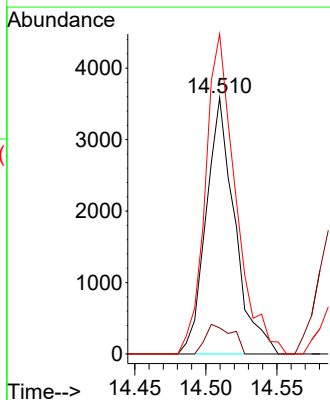
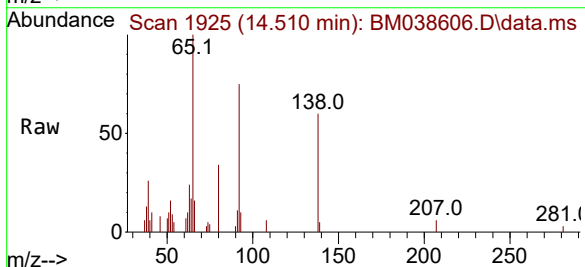
Instrument :
BNA_M
ClientSampleId :
SSTD010027

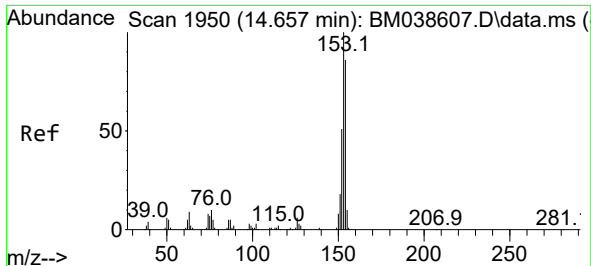
Tgt Ion:152	Resp:	53613
Ion Ratio	Lower	Upper
152	100	
151	21.9	17.7 26.5
153	14.5	10.6 16.0



#51
3-Nitroaniline
Concen: 7.156 ng/ul
RT: 14.510 min Scan# 1925
Delta R.T. 0.000 min
Lab File: BM038606.D
Acq: 30 Jan 2023 14:54

Tgt Ion:138	Resp:	5042
Ion Ratio	Lower	Upper
138	100	
108	10.2	8.2 12.4
92	124.8	94.2 141.4

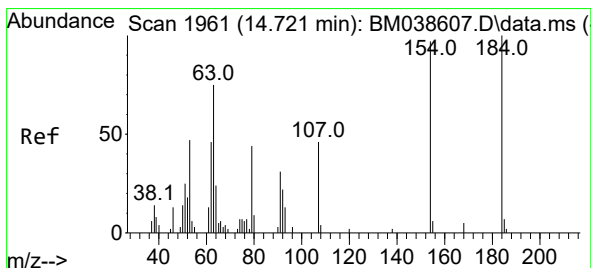
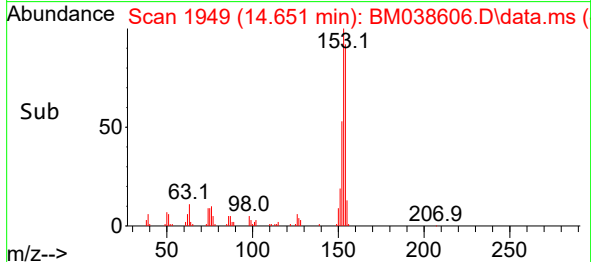
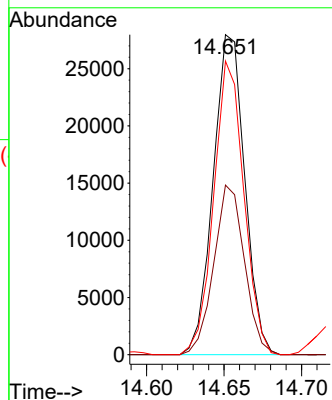
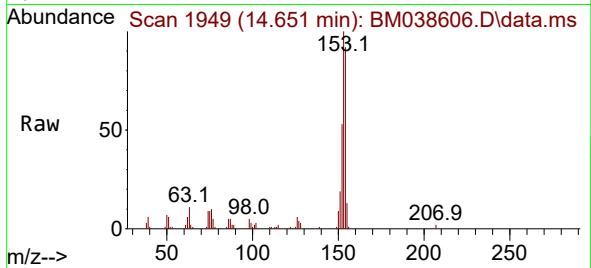




#52
Acenaphthene
Concen: 9.321 ng/ul
RT: 14.651 min Scan# 1949
Delta R.T. -0.006 min
Lab File: BM038606.D
Acq: 30 Jan 2023 14:54

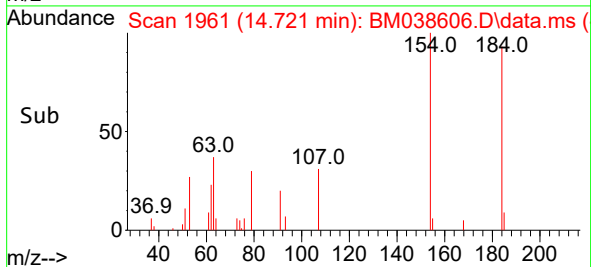
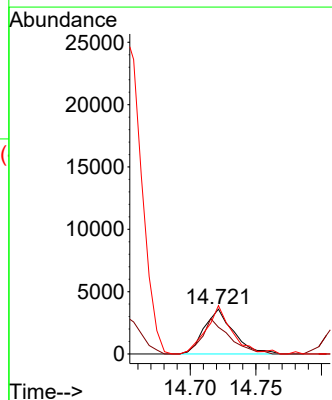
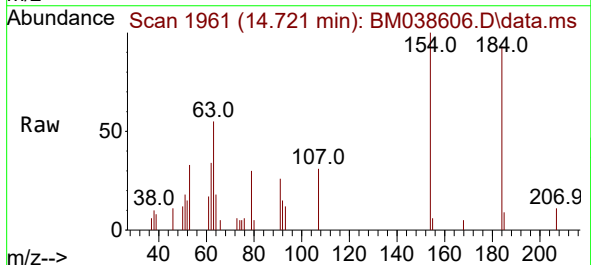
Instrument :
BNA_M
ClientSampleId :
SSTD010027

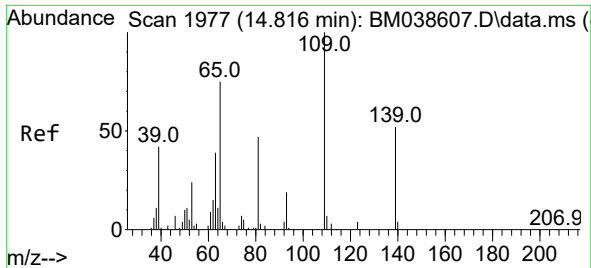
Tgt Ion:153 Resp: 39661
Ion Ratio Lower Upper
153 100
152 53.0 40.6 61.0
154 91.8 68.7 103.1



#53
2,4-Dinitrophenol
Concen: 7.106 ng/ul
RT: 14.721 min Scan# 1961
Delta R.T. 0.000 min
Lab File: BM038606.D
Acq: 30 Jan 2023 14:54

Tgt Ion:184 Resp: 5592
Ion Ratio Lower Upper
184 100
63 59.5 59.7 89.5#
154 107.6 79.6 119.4

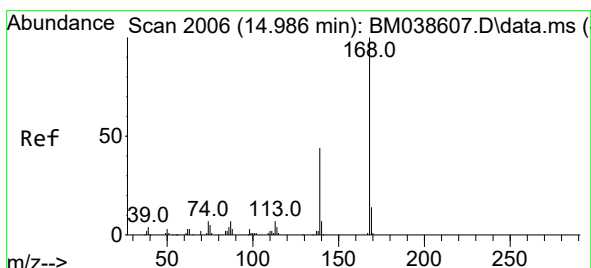
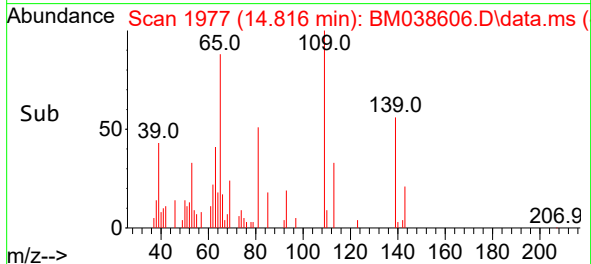
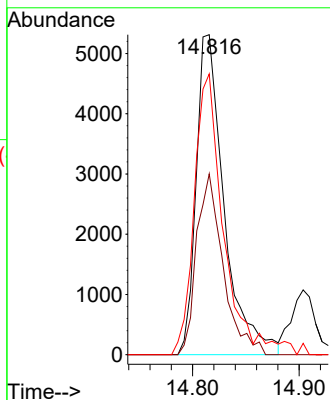
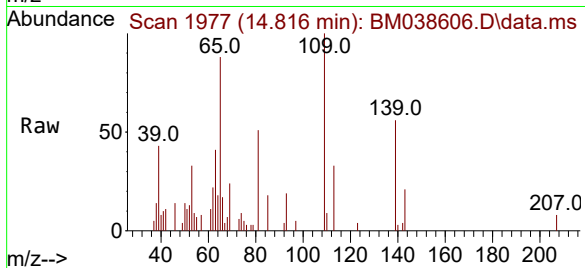




#55
4-Nitrophenol
Concen: 7.791 ng/ul
RT: 14.816 min Scan# 1977
Delta R.T. 0.000 min
Lab File: BM038606.D
Acq: 30 Jan 2023 14:54

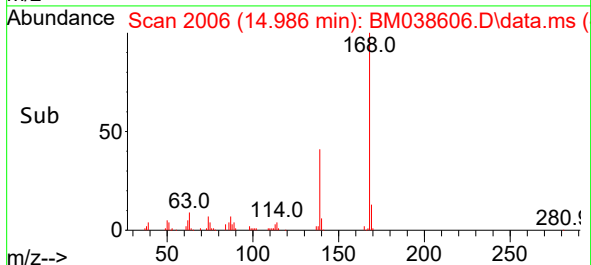
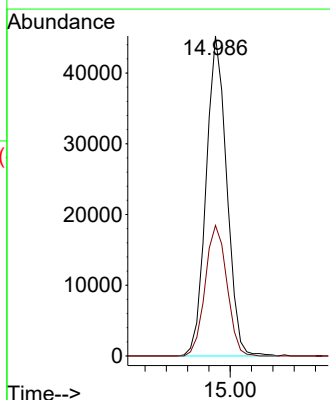
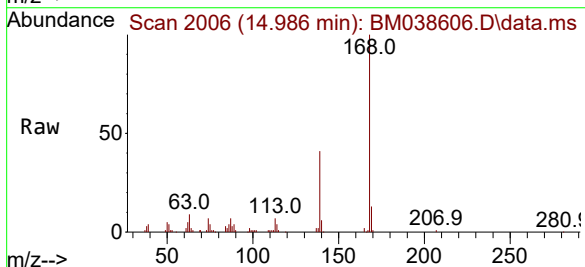
Instrument :
BNA_M
ClientSampleId :
SSTD010027

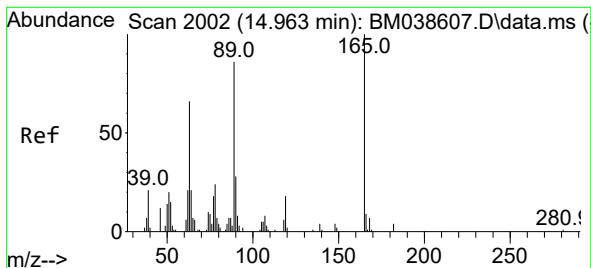
Tgt Ion:109 Resp: 9713
Ion Ratio Lower Upper
109 100
139 56.5 41.3 61.9
65 87.8 63.4 95.2



#56
Dibenzofuran
Concen: 9.596 ng/ul
RT: 14.986 min Scan# 2006
Delta R.T. -0.000 min
Lab File: BM038606.D
Acq: 30 Jan 2023 14:54

Tgt Ion:168 Resp: 60727
Ion Ratio Lower Upper
168 100
139 40.8 35.4 53.0

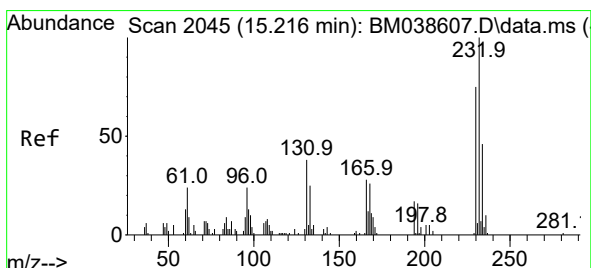
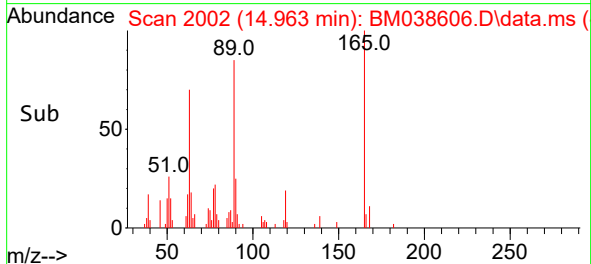
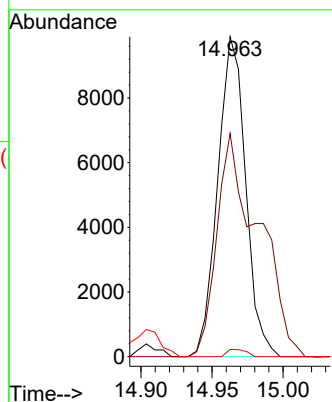
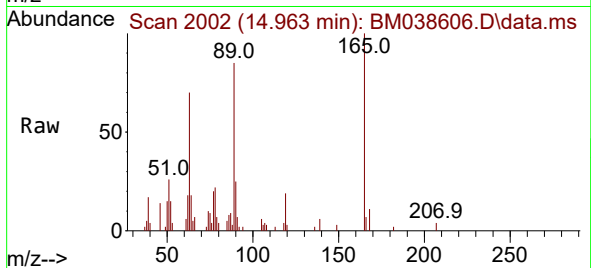




#57
2,4-Dinitrotoluene
Concen: 9.370 ng/ul
RT: 14.963 min Scan# 2002
Delta R.T. 0.000 min
Lab File: BM038606.D
Acq: 30 Jan 2023 14:54

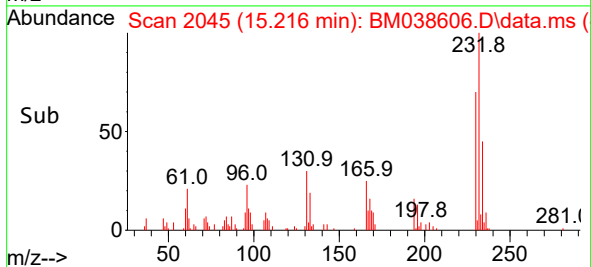
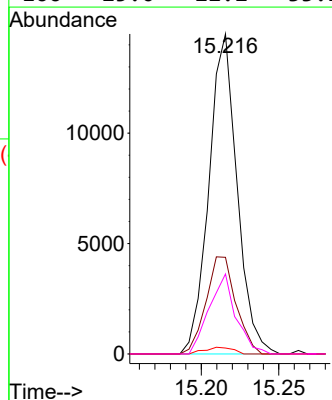
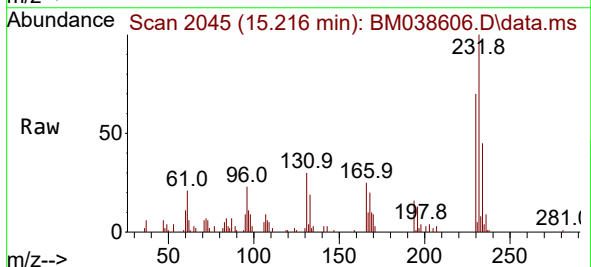
Instrument :
BNA_M
ClientSampleId :
SSTD010027

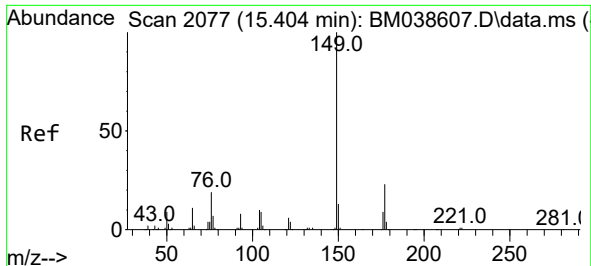
Tgt Ion:165 Resp: 13520
Ion Ratio Lower Upper
165 100
63 69.8 53.1 79.7
182 2.2 2.8 4.2#



#58
2,3,4,6-Tetrachlorophenol
Concen: 10.046 ng/ul
RT: 15.216 min Scan# 2045
Delta R.T. 0.000 min
Lab File: BM038606.D
Acq: 30 Jan 2023 14:54

Tgt Ion:232 Resp: 18306
Ion Ratio Lower Upper
232 100
131 30.2 30.4 45.6#
130 1.9 2.4 3.6#
166 25.0 22.2 33.2

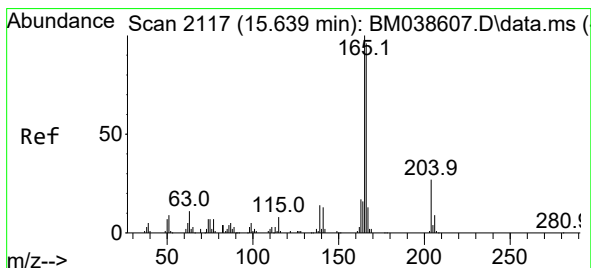
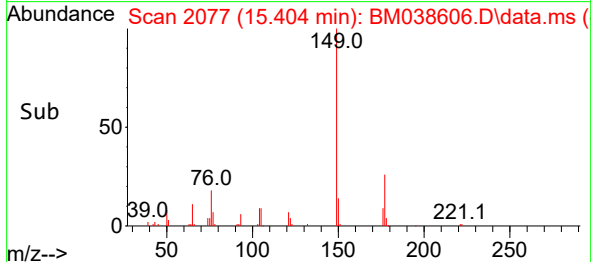
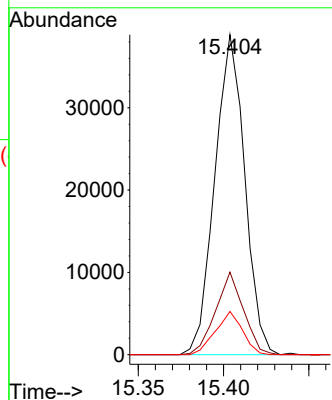
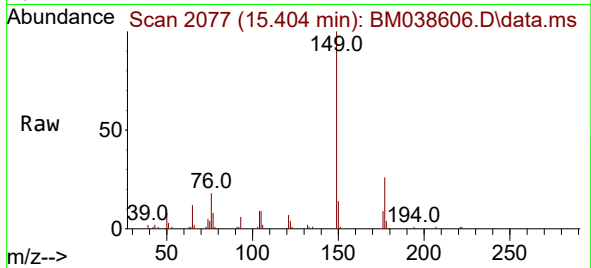




#59
Diethylphthalate
Concen: 9.587 ng/ul
RT: 15.404 min Scan# 2077
Delta R.T. -0.000 min
Lab File: BM038606.D
Acq: 30 Jan 2023 14:54

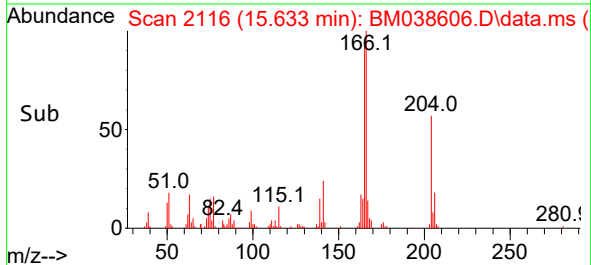
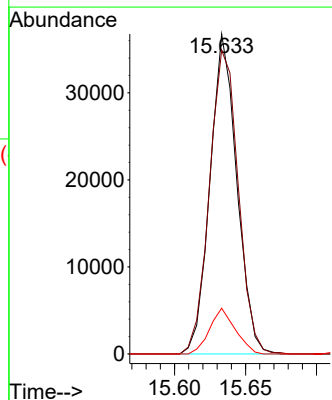
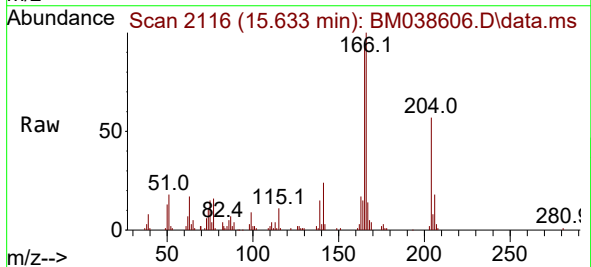
Instrument :
BNA_M
ClientSampleId :
SSTD010027

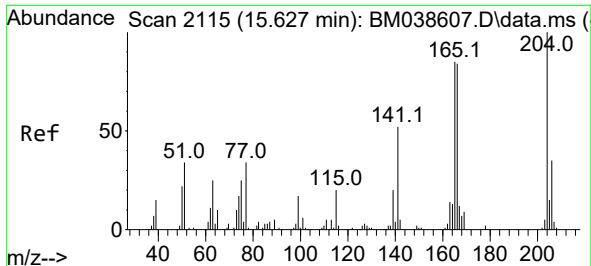
Tgt Ion:149 Resp: 47507
Ion Ratio Lower Upper
149 100
177 25.8 18.0 27.0
150 13.5 10.4 15.6



#61
Fluorene
Concen: 9.050 ng/ul
RT: 15.633 min Scan# 2116
Delta R.T. -0.006 min
Lab File: BM038606.D
Acq: 30 Jan 2023 14:54

Tgt Ion:166 Resp: 48233
Ion Ratio Lower Upper
166 100
165 94.9 83.3 124.9
167 14.3 10.6 16.0

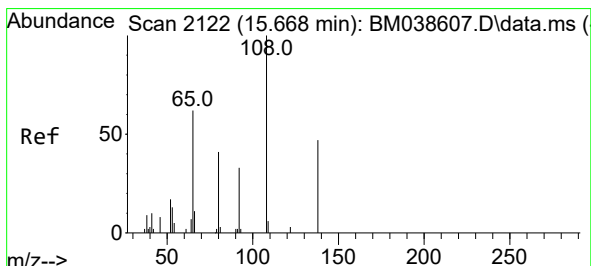
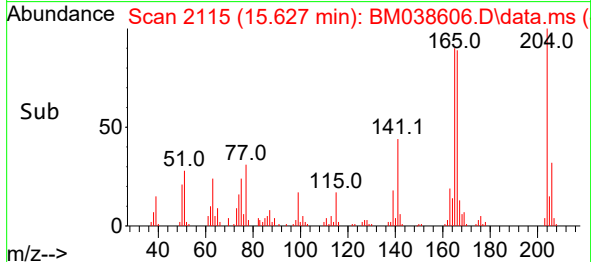
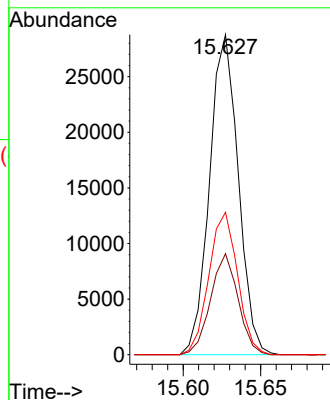
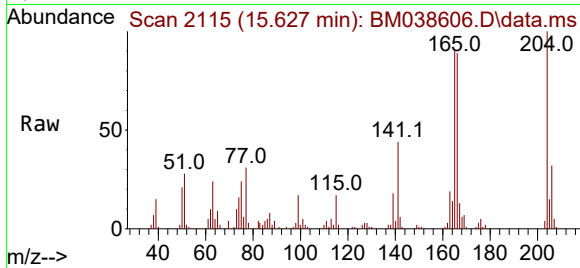




#62
4-Chlorophenyl-phenylether
Concen: 9.906 ng/ul
RT: 15.627 min Scan# 2115
Delta R.T. -0.000 min
Lab File: BM038606.D
Acq: 30 Jan 2023 14:54

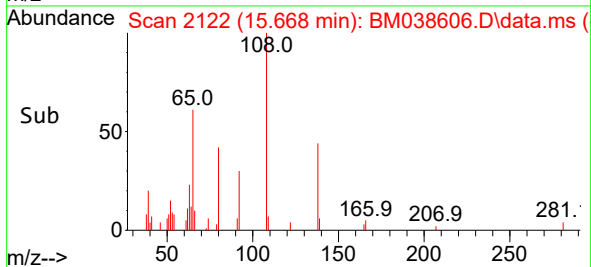
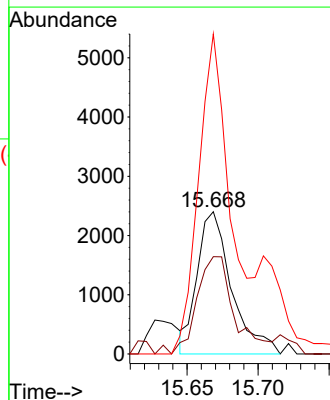
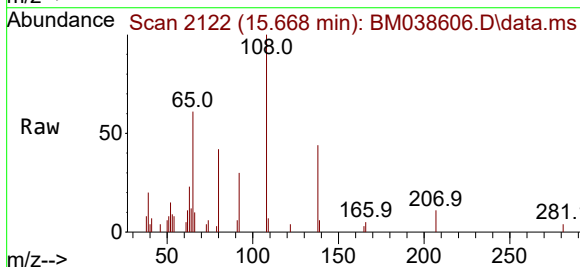
Instrument :
BNA_M
ClientSampleId :
SSTD010027

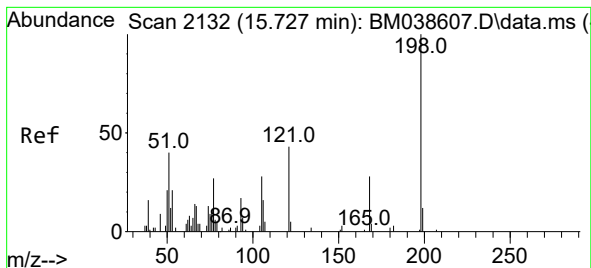
Tgt Ion:204 Resp: 37148
Ion Ratio Lower Upper
204 100
206 31.5 27.9 41.9
141 44.5 41.4 62.0



#63
4-Nitroaniline
Concen: 7.127 ng/ul
RT: 15.668 min Scan# 2122
Delta R.T. 0.000 min
Lab File: BM038606.D
Acq: 30 Jan 2023 14:54

Tgt Ion:138 Resp: 4046
Ion Ratio Lower Upper
138 100
92 68.3 51.9 77.9
108 224.8 156.2 234.4

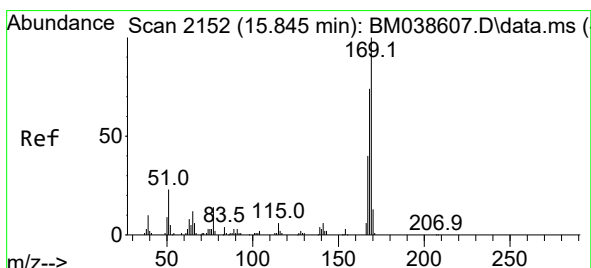
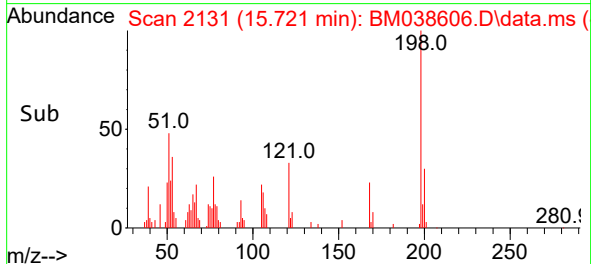
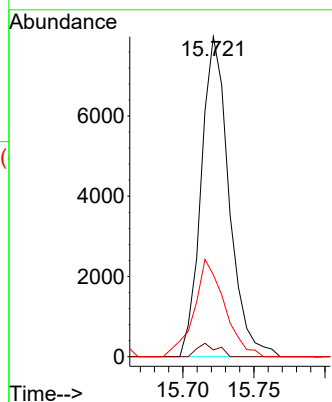
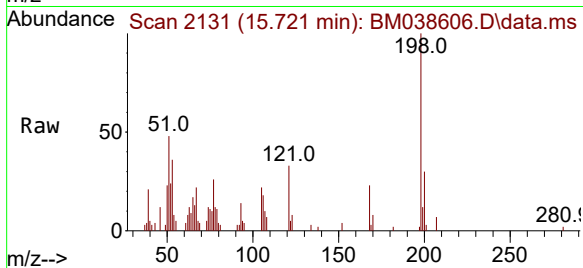




#66
4,6-Dinitro-2-methylphenol
Concen: 8.938 ng/ul
RT: 15.721 min Scan# 2132
Delta R.T. -0.006 min
Lab File: BM038606.D
Acq: 30 Jan 2023 14:54

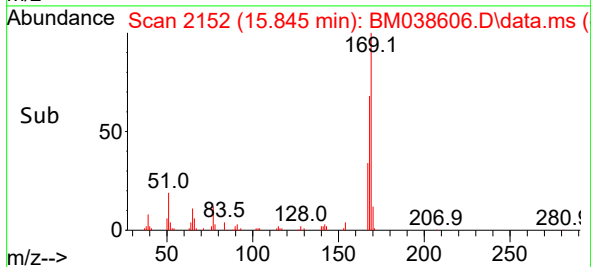
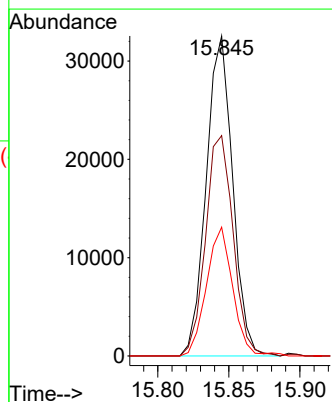
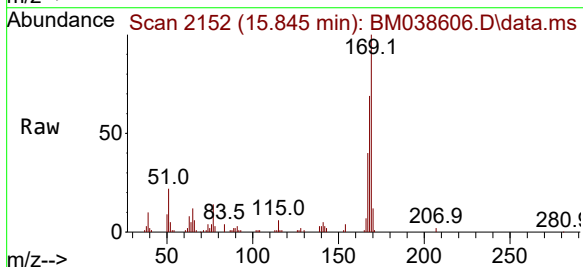
Instrument :
BNA_M
ClientSampleId :
SSTD010027

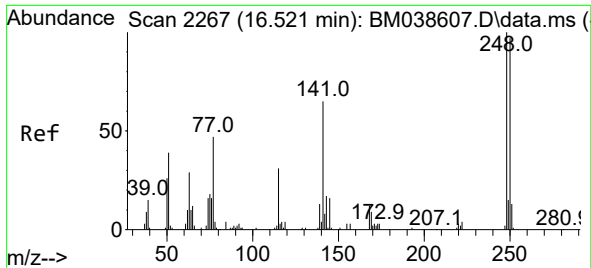
Tgt Ion:198 Resp: 10900
Ion Ratio Lower Upper
198 100
182 2.1 2.7 4.1#
77 25.6 23.9 35.9



#67
N-Nitrosodiphenylamine
Concen: 9.904 ng/ul
RT: 15.845 min Scan# 2152
Delta R.T. -0.000 min
Lab File: BM038606.D
Acq: 30 Jan 2023 14:54

Tgt Ion:169 Resp: 42152
Ion Ratio Lower Upper
169 100
168 68.9 59.1 88.7
167 40.2 31.6 47.4

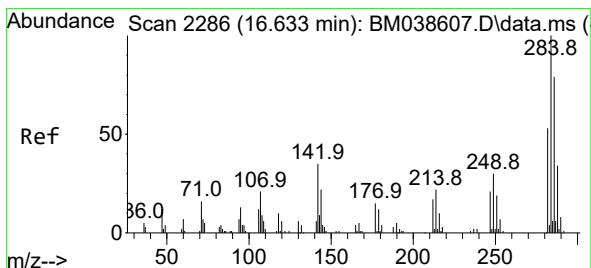
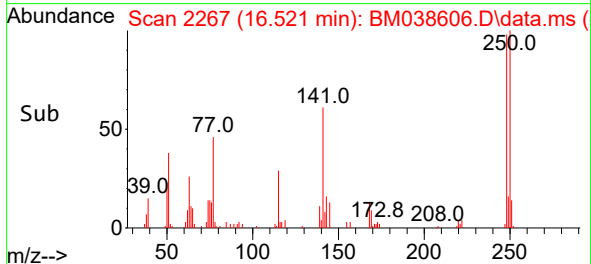
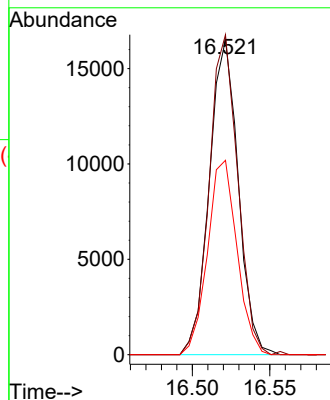
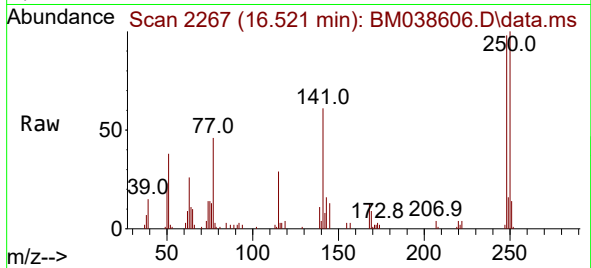




#68
4-Bromophenyl-phenylether
Concen: 10.054 ng/ul
RT: 16.521 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM038606.D
Acq: 30 Jan 2023 14:54

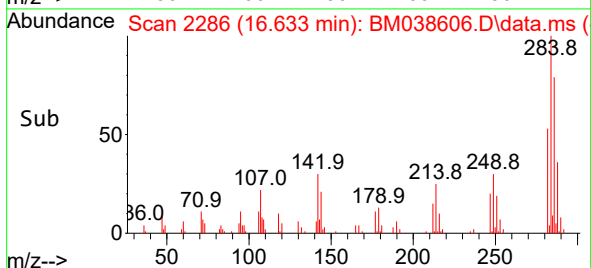
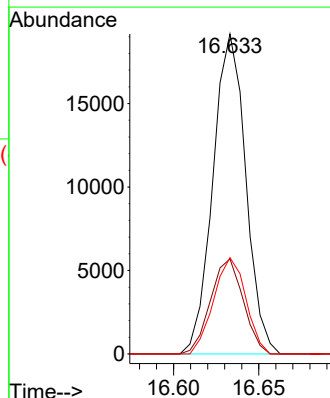
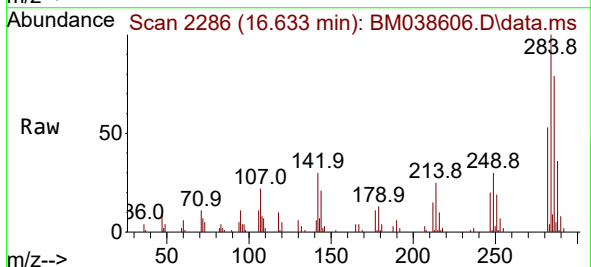
Instrument :
BNA_M
ClientSampleId :
SSTD010027

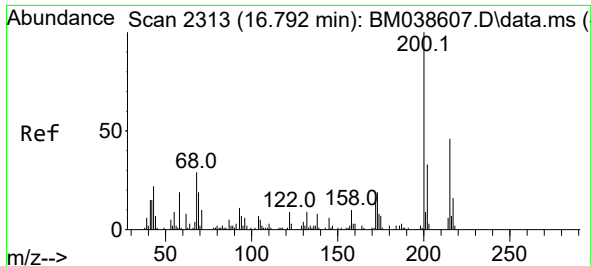
Tgt Ion:248 Resp: 21386
Ion Ratio Lower Upper
248 100
250 101.6 77.8 116.6
141 61.7 52.3 78.5



#69
Hexachlorobenzene
Concen: 10.335 ng/ul
RT: 16.633 min Scan# 2286
Delta R.T. -0.000 min
Lab File: BM038606.D
Acq: 30 Jan 2023 14:54

Tgt Ion:284 Resp: 25662
Ion Ratio Lower Upper
284 100
142 29.7 28.0 42.0
249 30.1 23.9 35.9

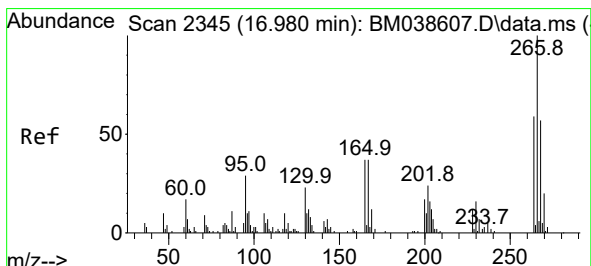
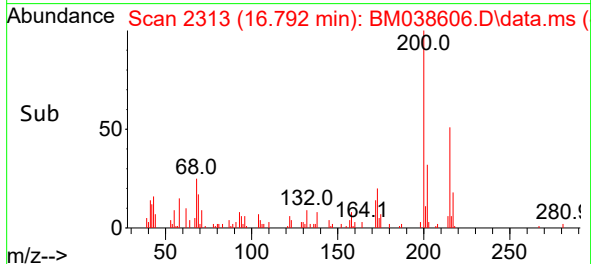
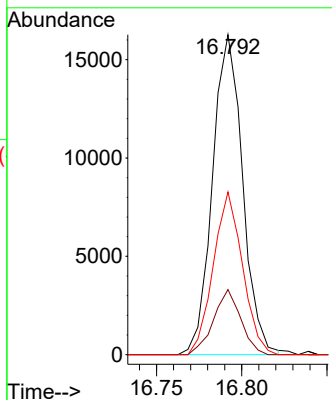
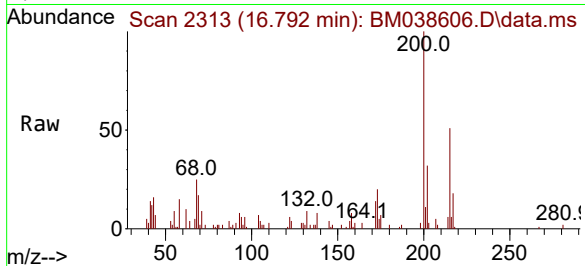




#70
 Atrazine
 Concen: 9.350 ng/ul
 RT: 16.792 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BM038606.D
 Acq: 30 Jan 2023 14:54

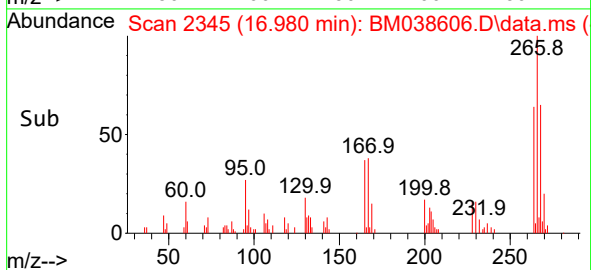
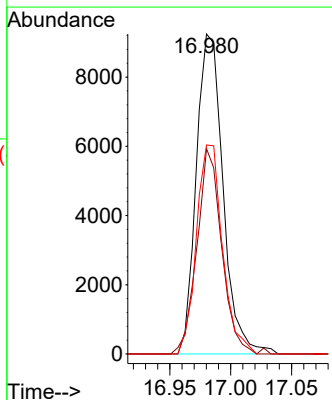
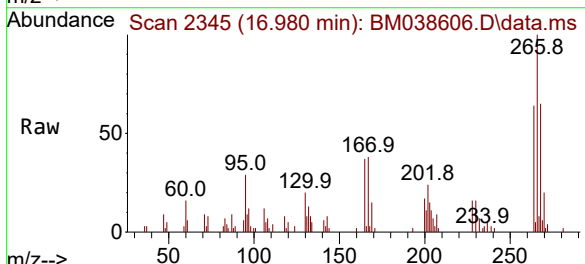
Instrument :
 BNA_M
 ClientSampleId :
 SSTD010027

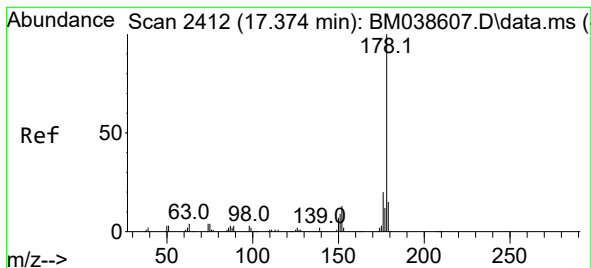
Tgt Ion:200 Resp: 19968
 Ion Ratio Lower Upper
 200 100
 173 20.4 15.2 22.8
 215 50.8 36.6 54.8



#71
 Pentachlorophenol
 Concen: 8.903 ng/ul
 RT: 16.980 min Scan# 2345
 Delta R.T. 0.000 min
 Lab File: BM038606.D
 Acq: 30 Jan 2023 14:54

Tgt Ion:266 Resp: 14141
 Ion Ratio Lower Upper
 266 100
 264 64.2 47.2 70.8
 268 65.3 45.8 68.6





#72

Phenanthrene

Concen: 9.405 ng/ul

RT: 17.374 min Scan# 2412

Delta R.T. 0.000 min

Lab File: BM038606.D

Acq: 30 Jan 2023 14:54

Instrument :

BNA_M

ClientSampleId :

SSTD010027

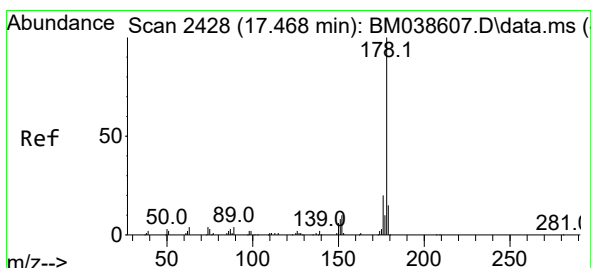
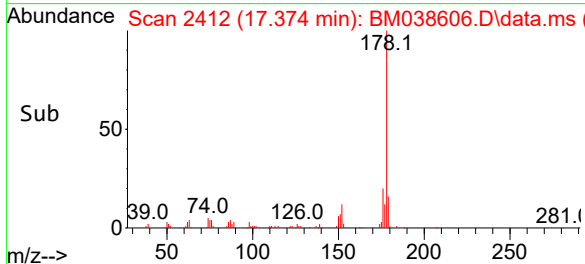
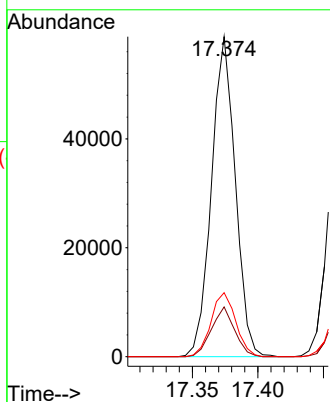
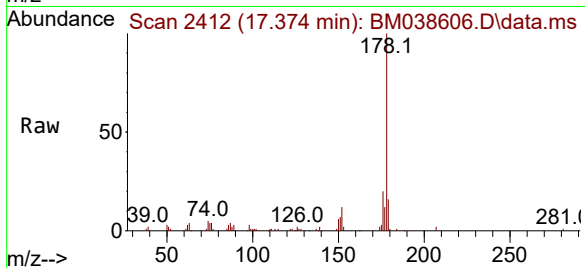
Tgt Ion:178 Resp: 74203

Ion Ratio Lower Upper

178 100

179 15.6 11.7 17.5

176 20.0 16.2 24.2



#74

Anthracene

Concen: 9.408 ng/ul

RT: 17.462 min Scan# 2427

Delta R.T. -0.006 min

Lab File: BM038606.D

Acq: 30 Jan 2023 14:54

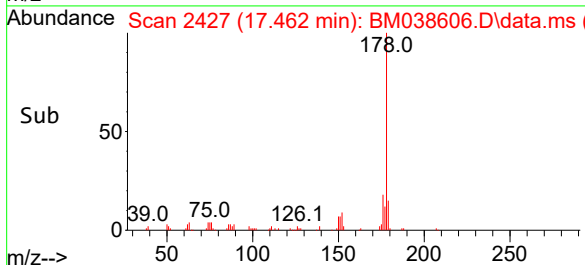
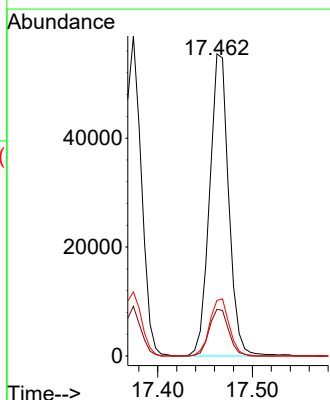
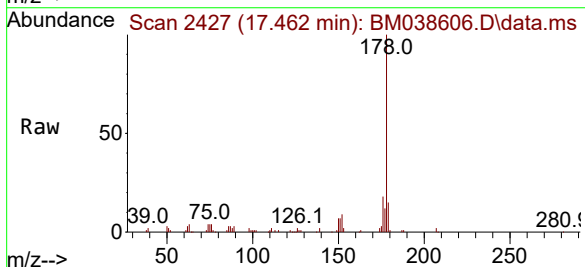
Tgt Ion:178 Resp: 77720

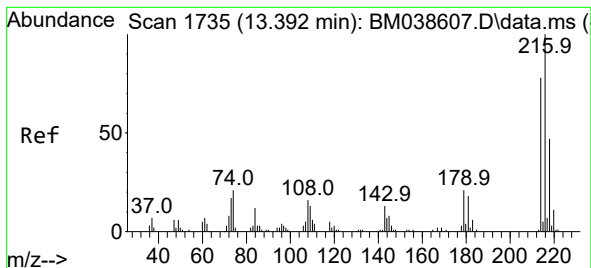
Ion Ratio Lower Upper

178 100

179 15.5 12.3 18.5

176 18.4 16.3 24.5

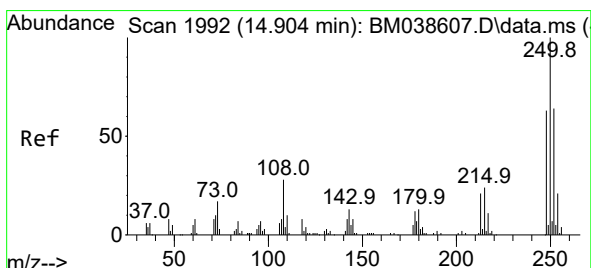
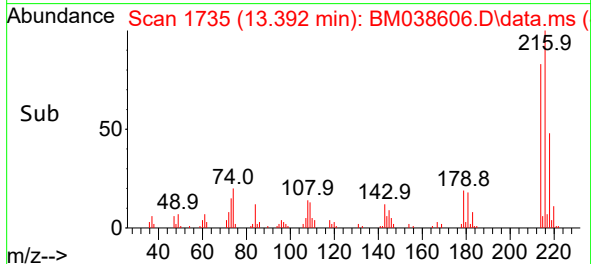
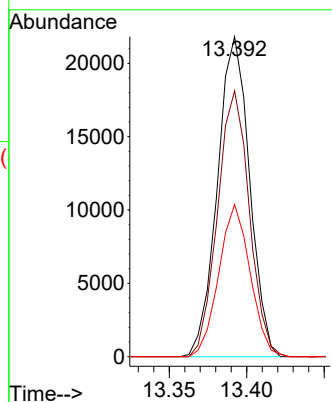
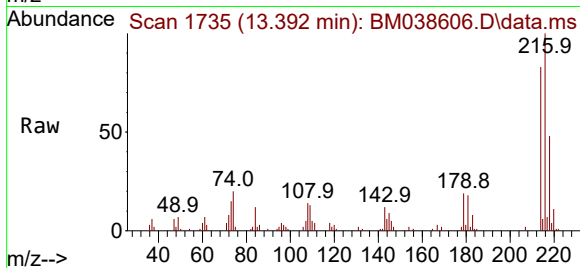




#75
1,2,3,4-Tetrachlorobenzene
Concen: 10.844 ng/uL
RT: 13.392 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM038606.D
Acq: 30 Jan 2023 14:54

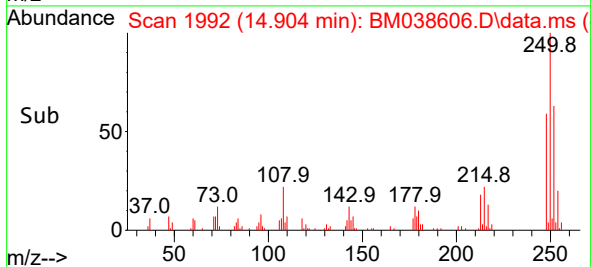
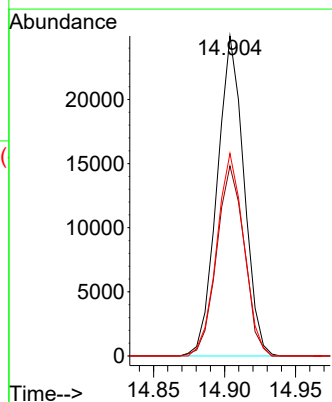
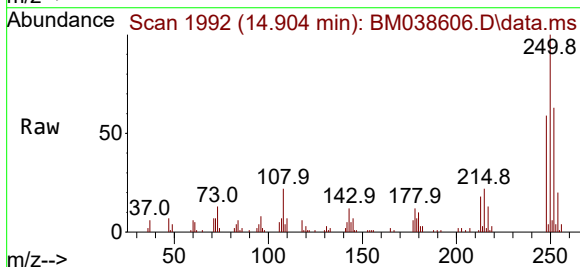
Instrument :
BNA_M
ClientSampleId :
SSTD010027

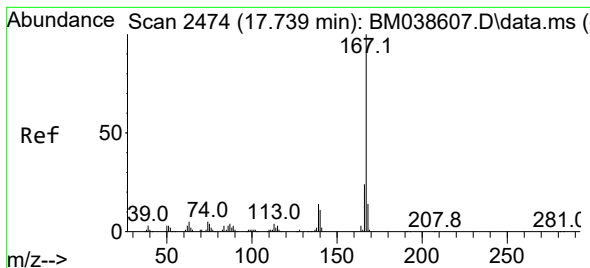
Tgt Ion:216 Resp: 31466
Ion Ratio Lower Upper
216 100
214 83.1 62.5 93.7
218 47.6 37.4 56.0



#76
Pentachlorobenzene
Concen: 10.848 ng/uL
RT: 14.904 min Scan# 1992
Delta R.T. -0.000 min
Lab File: BM038606.D
Acq: 30 Jan 2023 14:54

Tgt Ion:250 Resp: 32754
Ion Ratio Lower Upper
250 100
248 59.4 50.6 75.8
252 63.3 51.3 76.9





#77

Carbazole

Concen: 7.912 ng/ul

RT: 17.739 min Scan# 2474

Delta R.T. 0.000 min

Lab File: BM038606.D

Acq: 30 Jan 2023 14:54

Instrument :

BNA_M

ClientSampleId :

SSTD010027

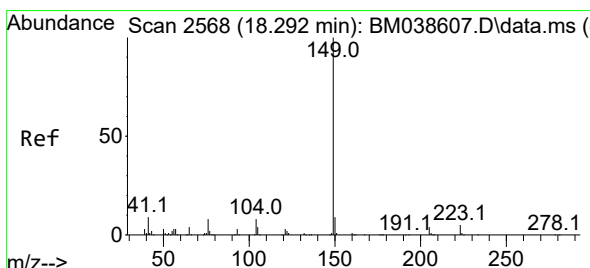
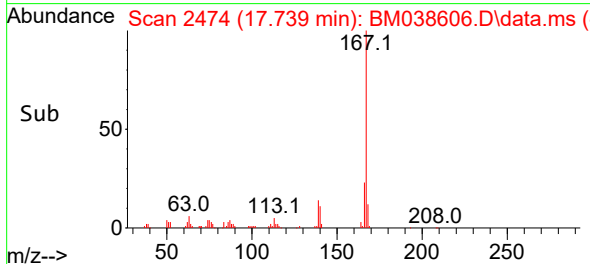
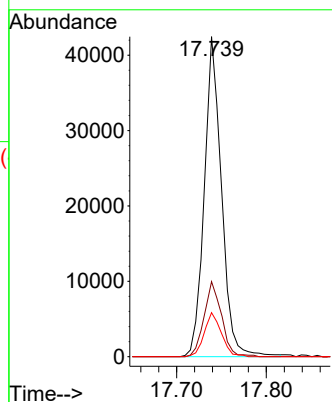
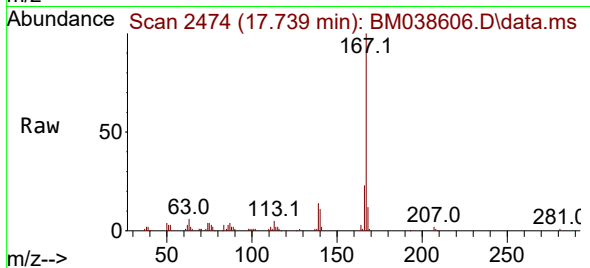
Tgt Ion:167 Resp: 56737

Ion Ratio Lower Upper

167 100

166 23.5 19.5 29.3

139 13.7 11.3 16.9



#78

Di-n-butylphthalate

Concen: 8.843 ng/ul

RT: 18.292 min Scan# 2568

Delta R.T. -0.000 min

Lab File: BM038606.D

Acq: 30 Jan 2023 14:54

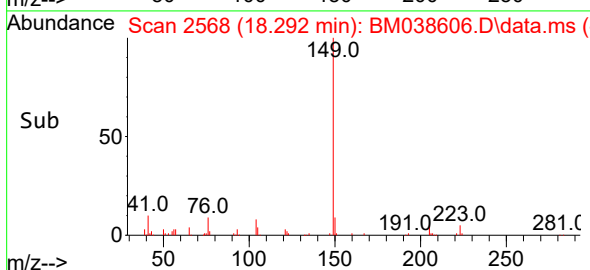
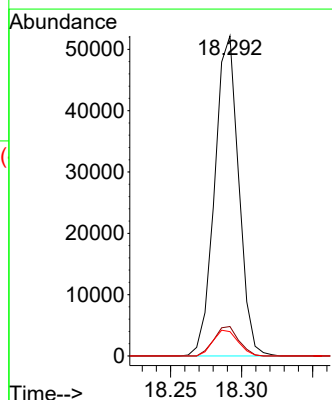
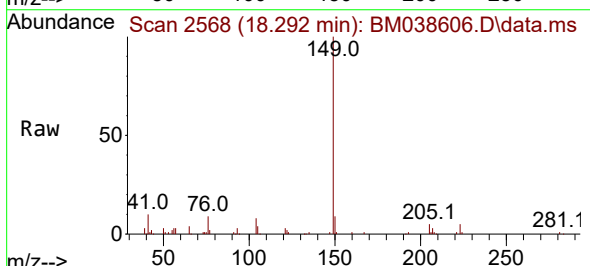
Tgt Ion:149 Resp: 61353

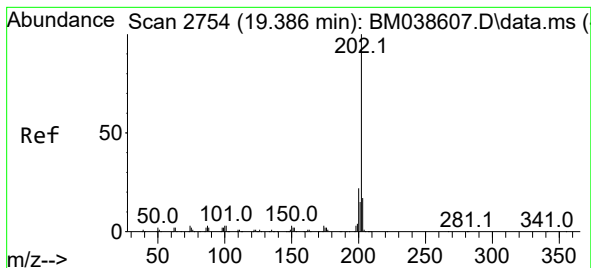
Ion Ratio Lower Upper

149 100

150 9.2 7.2 10.8

104 7.6 6.2 9.4





#80

Fluoranthene

Concen: 10.766 ng/ul

RT: 19.386 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM038606.D

Acq: 30 Jan 2023 14:54

Instrument :

BNA_M

ClientSampleId :

SSTD010027

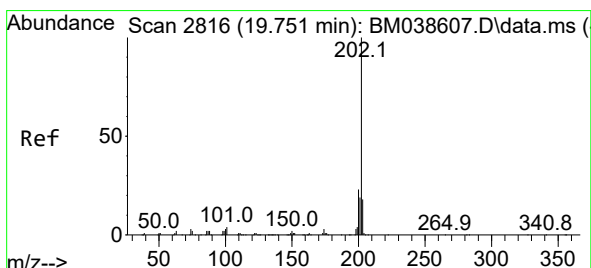
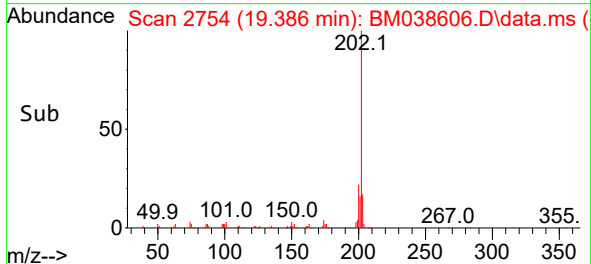
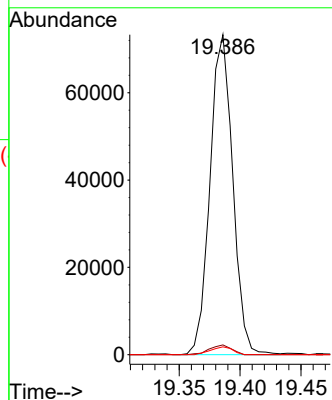
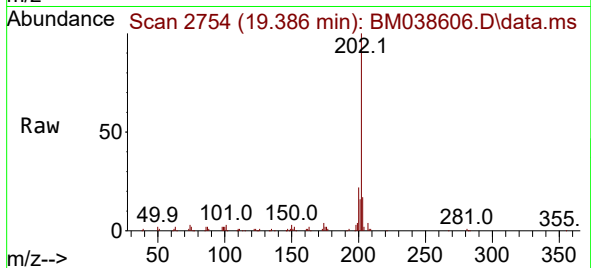
Tgt Ion:202 Resp: 95138

Ion Ratio Lower Upper

202 100

101 3.1 2.8 4.2

100 2.5 2.4 3.6



#82

Pyrene

Concen: 10.615 ng/ul

RT: 19.745 min Scan# 2815

Delta R.T. -0.006 min

Lab File: BM038606.D

Acq: 30 Jan 2023 14:54

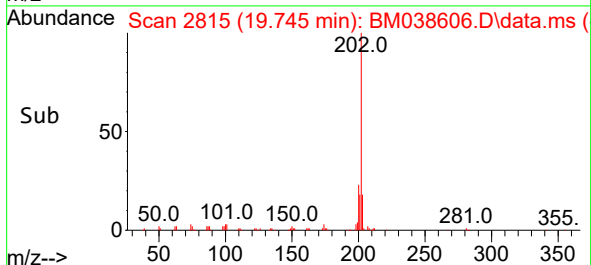
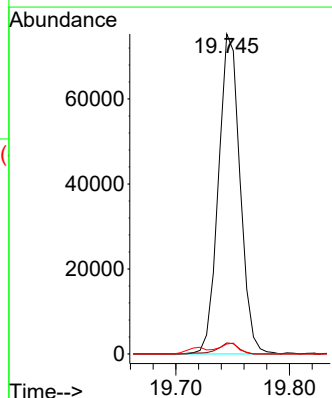
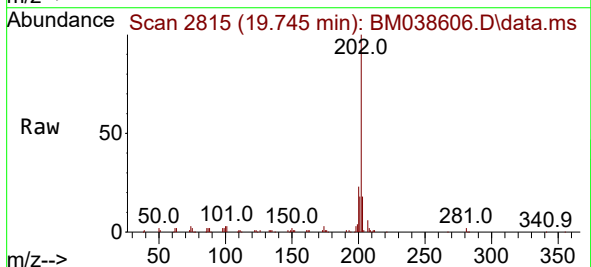
Tgt Ion:202 Resp: 99553

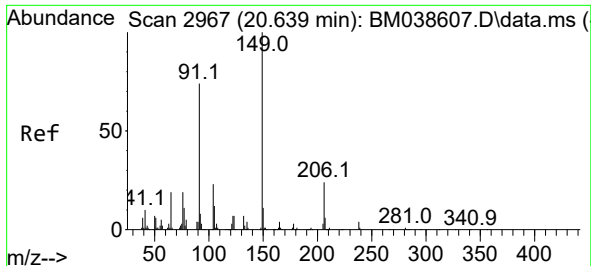
Ion Ratio Lower Upper

202 100

101 3.5 3.3 4.9

100 3.1 2.8 4.2

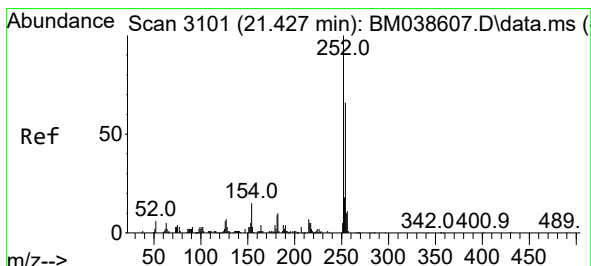
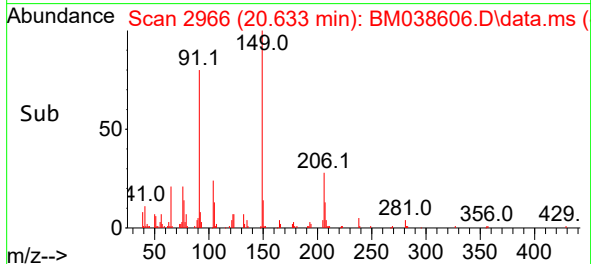
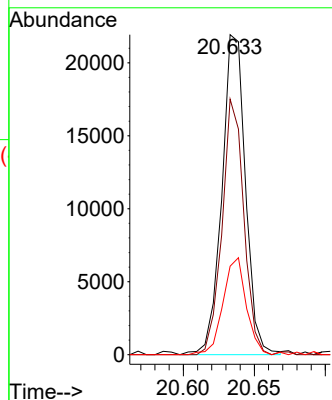
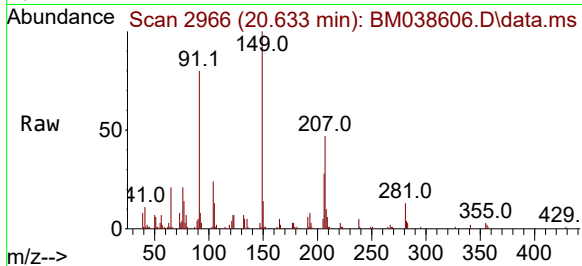




#83
Butylbenzylphthalate
Concen: 9.386 ng/ul
RT: 20.633 min Scan# 2967
Delta R.T. -0.006 min
Lab File: BM038606.D
Acq: 30 Jan 2023 14:54

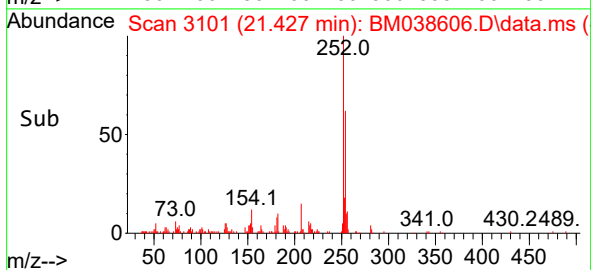
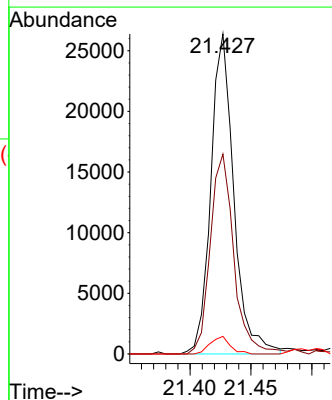
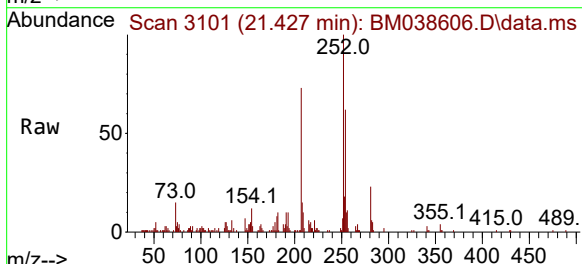
Instrument :
BNA_M
ClientSampleId :
SSTD010027

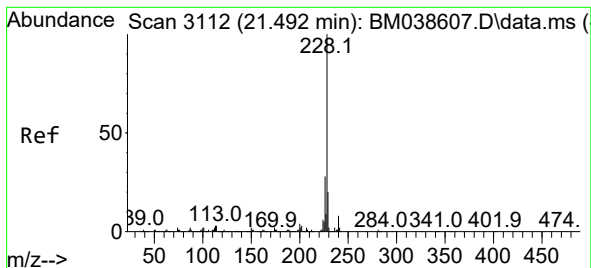
Tgt Ion:149 Resp: 25389
Ion Ratio Lower Upper
149 100
91 79.9 59.0 88.4
206 27.6 19.0 28.6



#84
3,3'-Dichlorobenzidine
Concen: 9.537 ng/ul
RT: 21.427 min Scan# 3101
Delta R.T. 0.000 min
Lab File: BM038606.D
Acq: 30 Jan 2023 14:54

Tgt Ion:252 Resp: 34667
Ion Ratio Lower Upper
252 100
254 62.5 52.7 79.1
126 5.5 5.0 7.4





#85

Benzo(a)anthracene

Concen: 9.982 ng/ul

RT: 21.492 min Scan# 3112

Delta R.T. 0.000 min

Lab File: BM038606.D

Acq: 30 Jan 2023 14:54

Instrument :

BNA_M

ClientSampleId :

SSTD010027

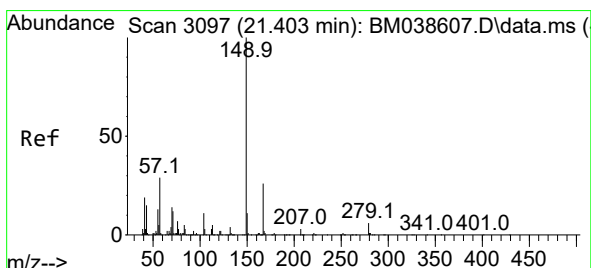
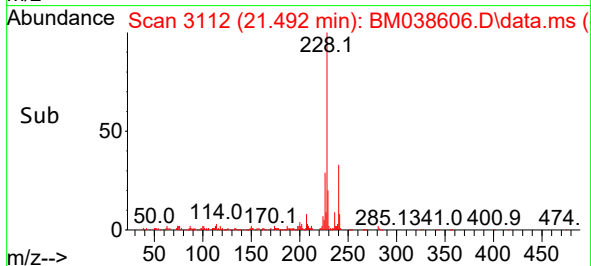
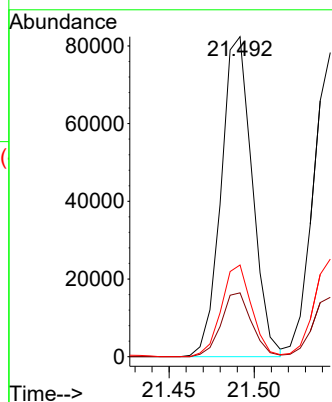
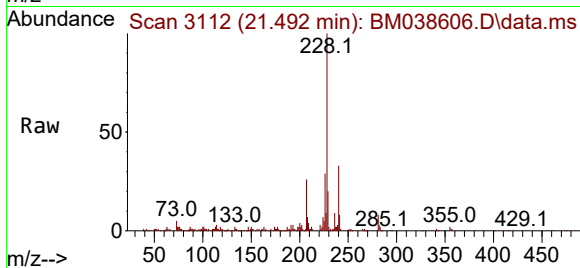
Tgt Ion:228 Resp: 104628

Ion Ratio Lower Upper

228 100

229 19.9 15.8 23.6

226 28.7 22.2 33.4



#86

Bis(2-ethylhexyl)phthalate

Concen: 8.941 ng/ul

RT: 21.403 min Scan# 3097

Delta R.T. 0.000 min

Lab File: BM038606.D

Acq: 30 Jan 2023 14:54

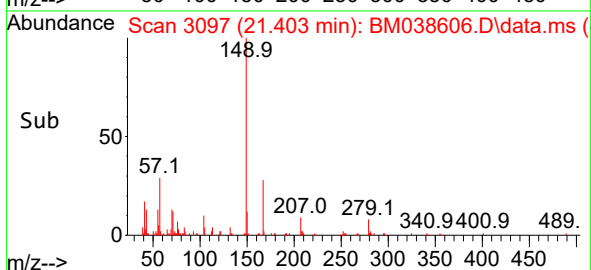
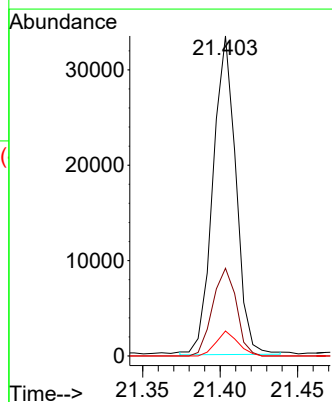
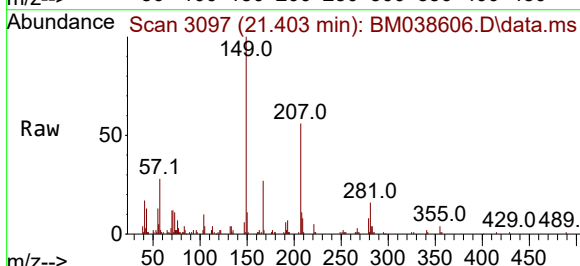
Tgt Ion:149 Resp: 34413

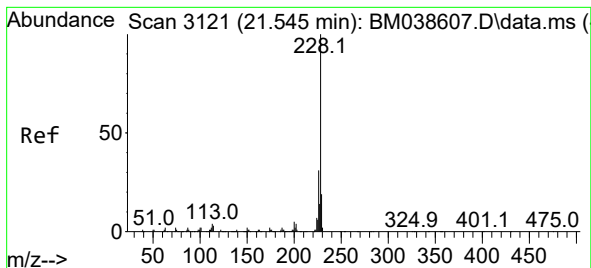
Ion Ratio Lower Upper

149 100

167 27.4 21.0 31.4

279 7.8 5.1 7.7#





#87

Chrysene

Concen: 9.821 ng/ul

RT: 21.545 min Scan# 3121

Delta R.T. -0.000 min

Lab File: BM038606.D

Acq: 30 Jan 2023 14:54

Instrument :

BNA_M

ClientSampleId :

SSTD010027

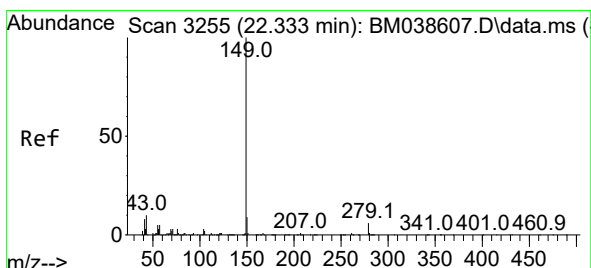
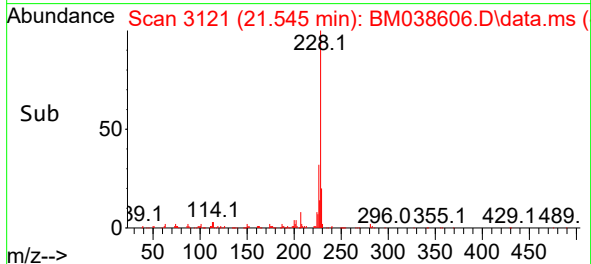
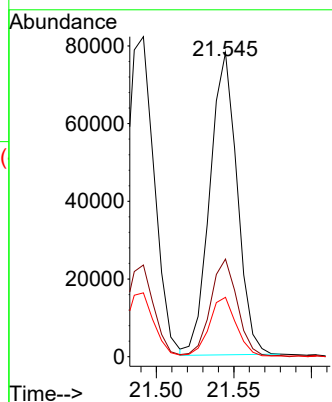
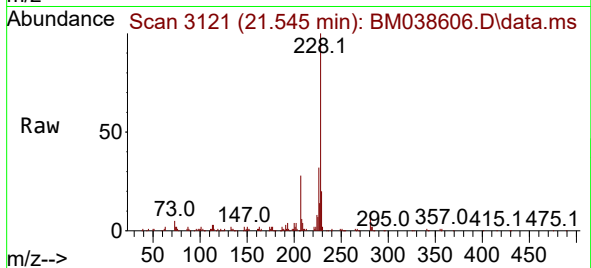
Tgt Ion:228 Resp: 95275

Ion Ratio Lower Upper

228 100

226 32.1 24.5 36.7

229 19.5 15.6 23.4



#89

Di-n-octyl phthalate

Concen: 7.061 ng/ul

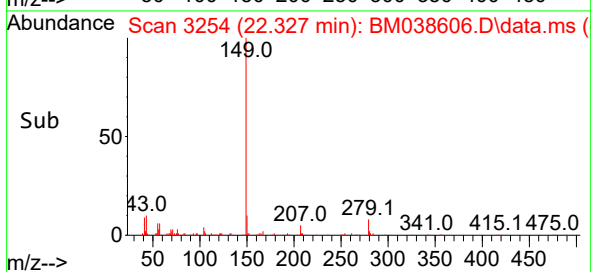
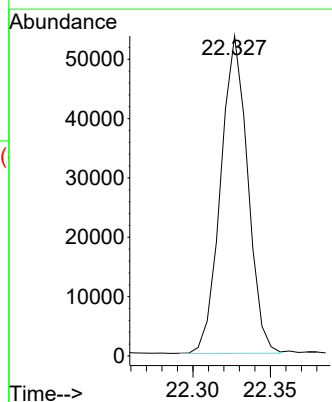
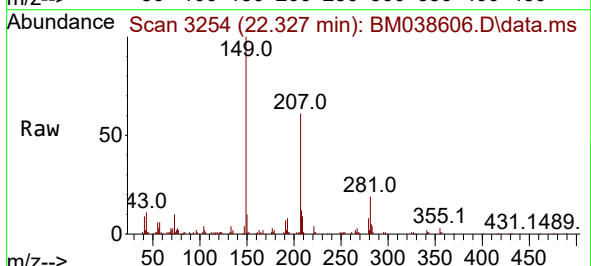
RT: 22.327 min Scan# 3254

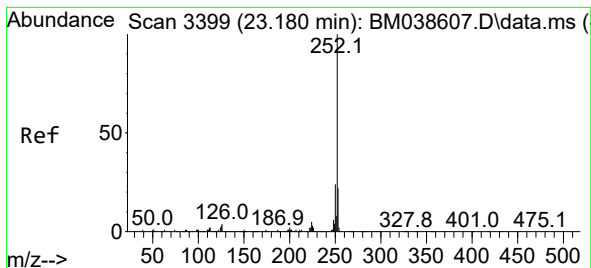
Delta R.T. -0.006 min

Lab File: BM038606.D

Acq: 30 Jan 2023 14:54

Tgt Ion:149 Resp: 64815





#90

Benzo(b)fluoranthene

Concen: 9.569 ng/ul

RT: 23.174 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM038606.D

Acq: 30 Jan 2023 14:54

Instrument :

BNA_M

ClientSampleId :

SSTD010027

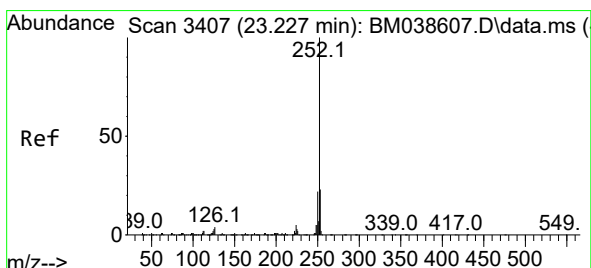
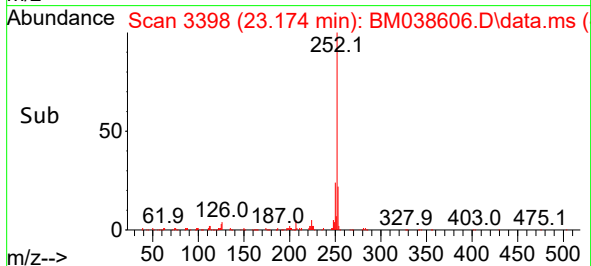
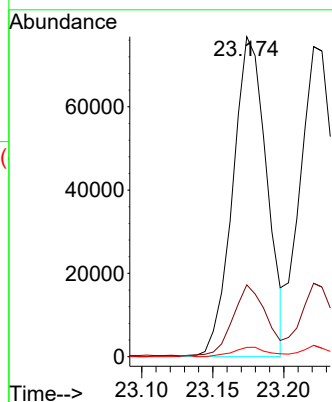
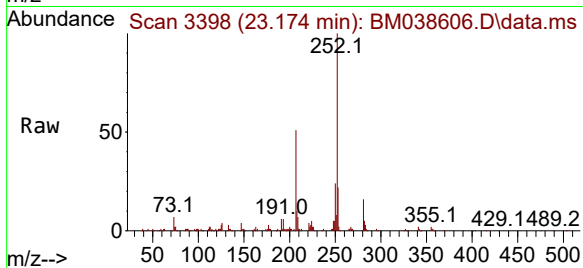
Tgt Ion:252 Resp: 128219

Ion Ratio Lower Upper

252 100

253 22.5 17.8 26.6

125 2.9 2.6 3.8



#91

Benzo(k)fluoranthene

Concen: 9.686 ng/ul

RT: 23.221 min Scan# 3406

Delta R.T. -0.006 min

Lab File: BM038606.D

Acq: 30 Jan 2023 14:54

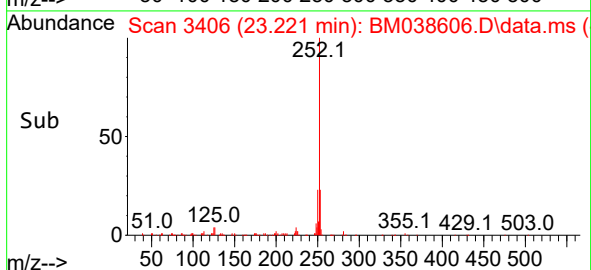
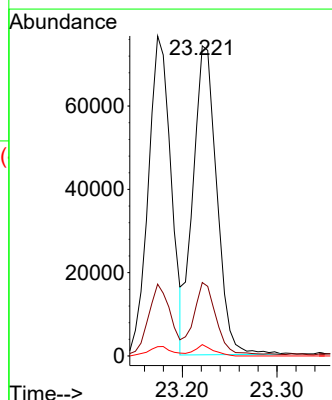
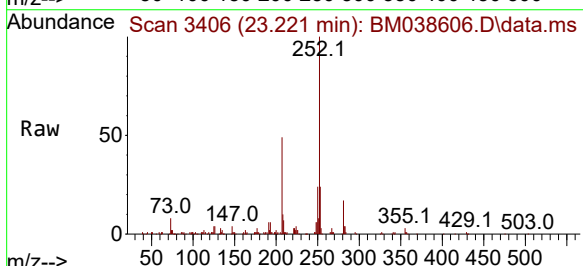
Tgt Ion:252 Resp: 129318

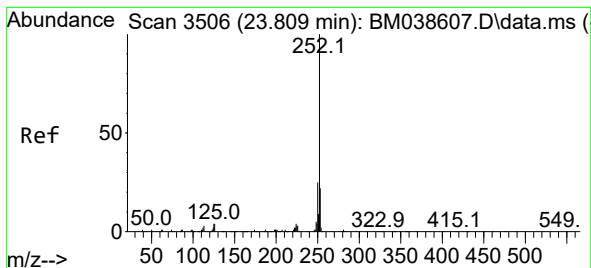
Ion Ratio Lower Upper

252 100

253 23.7 18.2 27.2

125 3.7 2.6 4.0





#93

Benzo(a)pyrene

Concen: 9.571 ng/ul

RT: 23.803 min Scan# 3

Delta R.T. -0.006 min

Lab File: BM038606.D

Acq: 30 Jan 2023 14:54

Instrument :

BNA_M

ClientSampleId :

SSTD010027

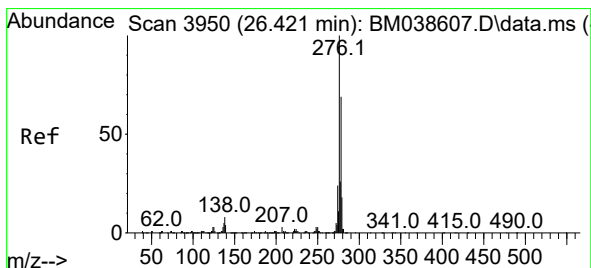
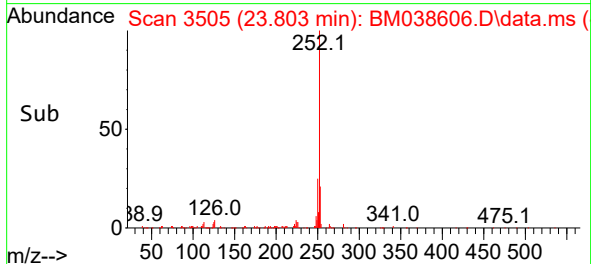
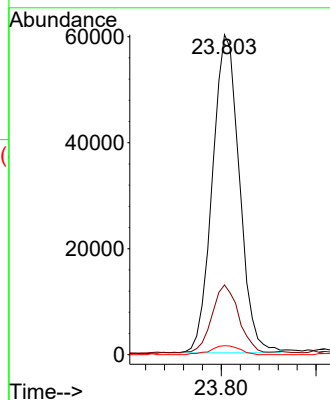
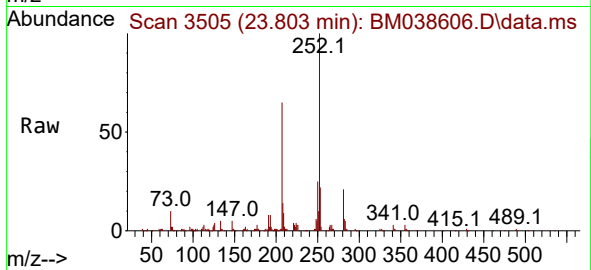
Tgt Ion:252 Resp: 118763

Ion Ratio Lower Upper

252 100

253 21.8 17.8 26.8

125 2.8 2.8 4.2#



#94

Indeno(1,2,3-cd)pyrene

Concen: 9.752 ng/ul

RT: 26.415 min Scan# 3949

Delta R.T. -0.006 min

Lab File: BM038606.D

Acq: 30 Jan 2023 14:54

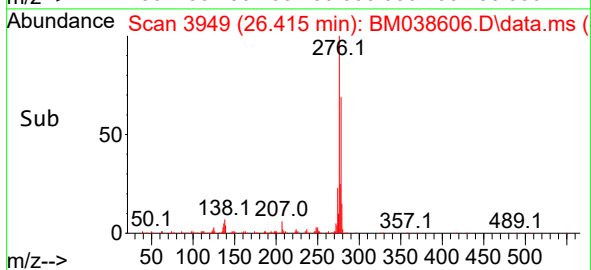
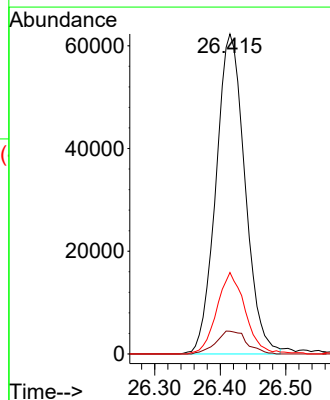
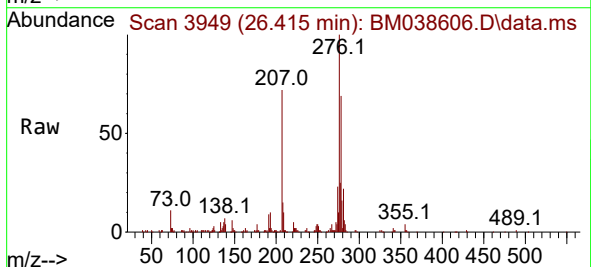
Tgt Ion:276 Resp: 191280

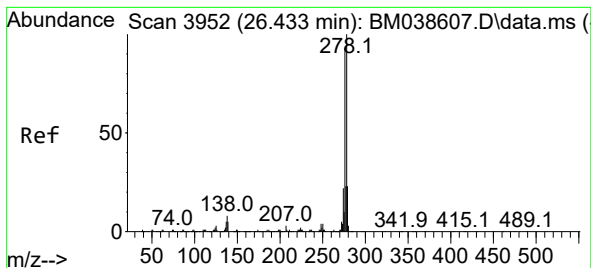
Ion Ratio Lower Upper

276 100

138 7.1 6.1 9.1

277 25.5 20.5 30.7





#95

Dibenzo(a,h)anthracene

Concen: 9.638 ng/ul

RT: 26.432 min Scan# 3952

Delta R.T. -0.000 min

Lab File: BM038606.D

Acq: 30 Jan 2023 14:54

Instrument :

BNA_M

ClientSampleId :

SSTD010027

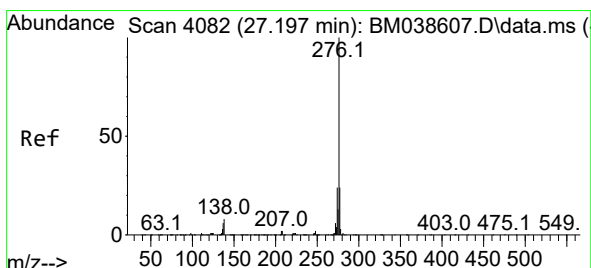
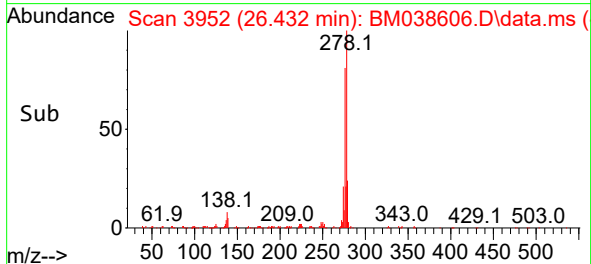
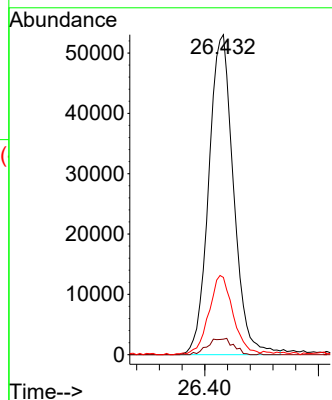
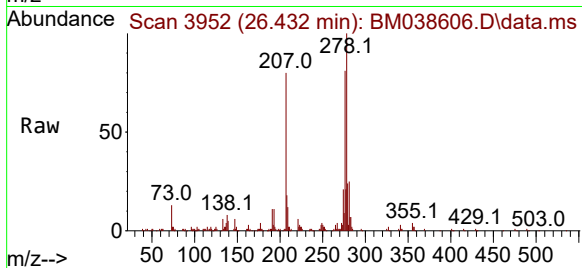
Tgt Ion:278 Resp: 160444

Ion Ratio Lower Upper

278 100

139 4.8 4.3 6.5

279 24.1 18.9 28.3



#96

Benzo(g,h,i)perylene

Concen: 9.819 ng/ul

RT: 27.191 min Scan# 4081

Delta R.T. -0.006 min

Lab File: BM038606.D

Acq: 30 Jan 2023 14:54

Tgt Ion:276 Resp: 156331

Ion Ratio Lower Upper

276 100

138 7.5 6.0 9.0

277 23.9 19.2 28.8

