

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092622\
 Data File : BM036751.D
 Acq On : 26 Sep 2022 18:43
 Operator : CG/JU
 Sample : PB147884BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Sep 26 23:15:08 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Sep 26 23:10:22 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.004	152	359446	20.000	ng/u1	0.00
20) Naphthalene-d8	10.816	136	1559985	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.633	164	993420	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.368	188	2042503	20.000	ng/u1	0.00
79) Chrysene-d12	21.539	240	1871470	20.000	ng/u1	0.00
88) Perylene-d12	23.968	264	1552759	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.387	96	53501	5.580	ng/uL	0.00
4) Pyridine-d5	3.816	84	731701	26.166	ng/u1	0.00
7) Phenol-d5	7.163	99	1088715	33.893	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.334	67	652002	33.423	ng/u1	0.00
11) 2-Chlorophenol-d4	7.534	132	828558	35.828	ng/u1	0.00
15) 4-Methylphenol-d8	8.716	113	846757	35.676	ng/u1	0.00
21) Nitrobenzene-d5	9.175	128	408238	38.663	ng/u1	0.00
24) 2-Nitrophenol-d4	9.898	143	396220	41.894	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.433	165	791816	36.126	ng/u1	0.00
31) 4-Chloroaniline-d4	10.951	131	1067954	29.306	ng/u1	0.00
46) Dimethylphthalate-d6	14.045	166	2279859	34.027	ng/u1	0.00
49) Acenaphthylene-d8	14.327	160	2769529	34.848	ng/u1	0.00
54) 4-Nitrophenol-d4	14.827	143	441569	33.979	ng/u1	0.00
60) Fluorene-d10	15.621	176	2038347	33.948	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.739	200	307328	38.031	ng/u1	0.00
73) Anthracene-d10	17.468	188	3120953	33.419	ng/u1	0.00
81) Pyrene-d10	19.750	212	3528204	38.321	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.815	264	2641102	34.815	ng/u1	0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.422	88	120144	11.632	ng/uL	96
5) Pyridine	3.834	79	856761	30.495	ng/u1	96
6) Benzaldehyde	7.139	77	658263	42.319	ng/u1	96
8) Phenol	7.192	94	1171779	33.989	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.428	93	887155	33.074	ng/u1	100
12) 2-Chlorophenol	7.569	128	879345	35.151	ng/u1	98
13) 2-Methylphenol	8.451	108	857187	33.827	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.545	45	1066861	33.558	ng/u1	99
16) Acetophenone	8.833	105	1360083	33.037	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.828	70	686185	34.543	ng/u1	97
18) 4-Methylphenol	8.781	108	943314	34.425	ng/u1	100
19) Hexachloroethane	9.092	117	342288	33.780	ng/u1	93
22) Nitrobenzene	9.216	77	1035750	36.946	ng/u1	98
23) Isophorone	9.751	82	1906757	33.358	ng/u1	100
25) 2-Nitrophenol	9.928	139	459404	39.327	ng/u1	97
26) 2,4-Dimethylphenol	9.986	107	969677	33.656	ng/u1	100
27) Bis(2-Chloroethoxy)met...	10.227	93	1162534	34.122	ng/u1	100
29) 2,4-Dichlorophenol	10.463	162	822237	35.684	ng/u1	100
30) Naphthalene	10.869	128	2844331	33.470	ng/u1	100
32) 4-Chloroaniline	10.975	127	1159605	30.821	ng/u1	99
33) Hexachlorobutadiene	11.151	225	446658	31.694	ng/u1	99
34) Caprolactam	11.774	113	177850	23.794	ng/u1	96
35) 4-Chloro-3-methylphenol	12.092	107	920612	36.194	ng/u1	97
36) 2-Methylnaphthalene	12.469	142	1932407	34.129	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.686	142	1938990	34.065	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.833	216	923893	32.858	ng/ul	99
40) Hexachlorocyclopentadiene	12.810	237	394305	26.909	ng/ul	100
41) 2,4,6-Trichlorophenol	13.069	196	607109	35.264	ng/ul	98
42) 2,4,5-Trichlorophenol	13.139	196	671854	36.399	ng/ul	99
43) 1,1'-Biphenyl	13.474	154	2465152	33.663	ng/ul	99
44) 2-Chloronaphthalene	13.516	162	1912407	33.280	ng/ul	99
45) 2-Nitroaniline	13.716	65	604386	42.731	ng/ul	98
47) Dimethylphthalate	14.092	163	2383627	33.538	ng/ul	100
48) 2,6-Dinitrotoluene	14.210	165	464035	40.159	ng/ul	99
50) Acenaphthylene	14.357	152	3028382	33.329	ng/ul	99
51) 3-Nitroaniline	14.539	138	530446	38.276	ng/ul#	98
52) Acenaphthene	14.692	153	2138166	33.631	ng/ul	99
53) 2,4-Dinitrophenol	14.739	184	188800	36.823	ng/ul	97
55) 4-Nitrophenol	14.839	109	374655	33.726	ng/ul	99
56) Dibenzofuran	15.027	168	2876170	33.686	ng/ul	98
57) 2,4-Dinitrotoluene	14.992	165	683651	40.697	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.251	232	545147	35.282	ng/ul	96
59) Diethylphthalate	15.451	149	2414552	33.937	ng/ul	99
61) Fluorene	15.674	166	2486114	34.188	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.668	204	1163699	33.462	ng/ul	99
63) 4-Nitroaniline	15.698	138	543536	40.368	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.751	198	330343	36.226	ng/ul	99
67) N-Nitrosodiphenylamine	15.880	169	2047671	34.039	ng/ul	99
68) 4-Bromophenyl-phenylether	16.562	248	639077	31.745	ng/ul	97
69) Hexachlorobenzene	16.674	284	744089	31.249	ng/ul	97
70) Atrazine	16.833	200	679065	31.989	ng/ul	98
71) Pentachlorophenol	17.015	266	442836	31.309	ng/ul	99
72) Phenanthrene	17.409	178	3822736	33.979	ng/ul	99
74) Anthracene	17.503	178	3851583	33.682	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.433	216	956233	34.230	ng/ul	99
76) Pentachlorobenzene	14.945	250	860483	28.479	ng/ul	99
77) Carbazole	17.768	167	3533981	33.379	ng/ul	99
78) Di-n-butylphthalate	18.333	149	4217368	35.145	ng/ul	99
80) Fluoranthene	19.415	202	4276864	37.908	ng/ul	98
82) Pyrene	19.780	202	4514430	37.801	ng/ul	98
83) Butylbenzylphthalate	20.674	149	1830275	40.445	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.450	252	1289411	35.261	ng/ul	98
85) Benzo(a)anthracene	21.521	228	4025745	34.332	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.450	149	2858756	43.246	ng/ul	99
87) Chrysene	21.574	228	3708704	33.322	ng/ul	99
89) Di-n-octyl phthalate	22.386	149	4444384	47.477	ng/ul	100
90) Benzo(b)fluoranthene	23.227	252	3479699	35.339	ng/ul	99
91) Benzo(k)fluoranthene	23.280	252	3542952	36.010	ng/ul	98
93) Benzo(a)pyrene	23.868	252	2974305	34.361	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.509	276	3169186	31.352	ng/ul	96
95) Dibenzo(a,h)anthracene	26.526	278	2854010	31.132	ng/ul	99
96) Benzo(g,h,i)perylene	27.291	276	2736586	31.228	ng/ul	98

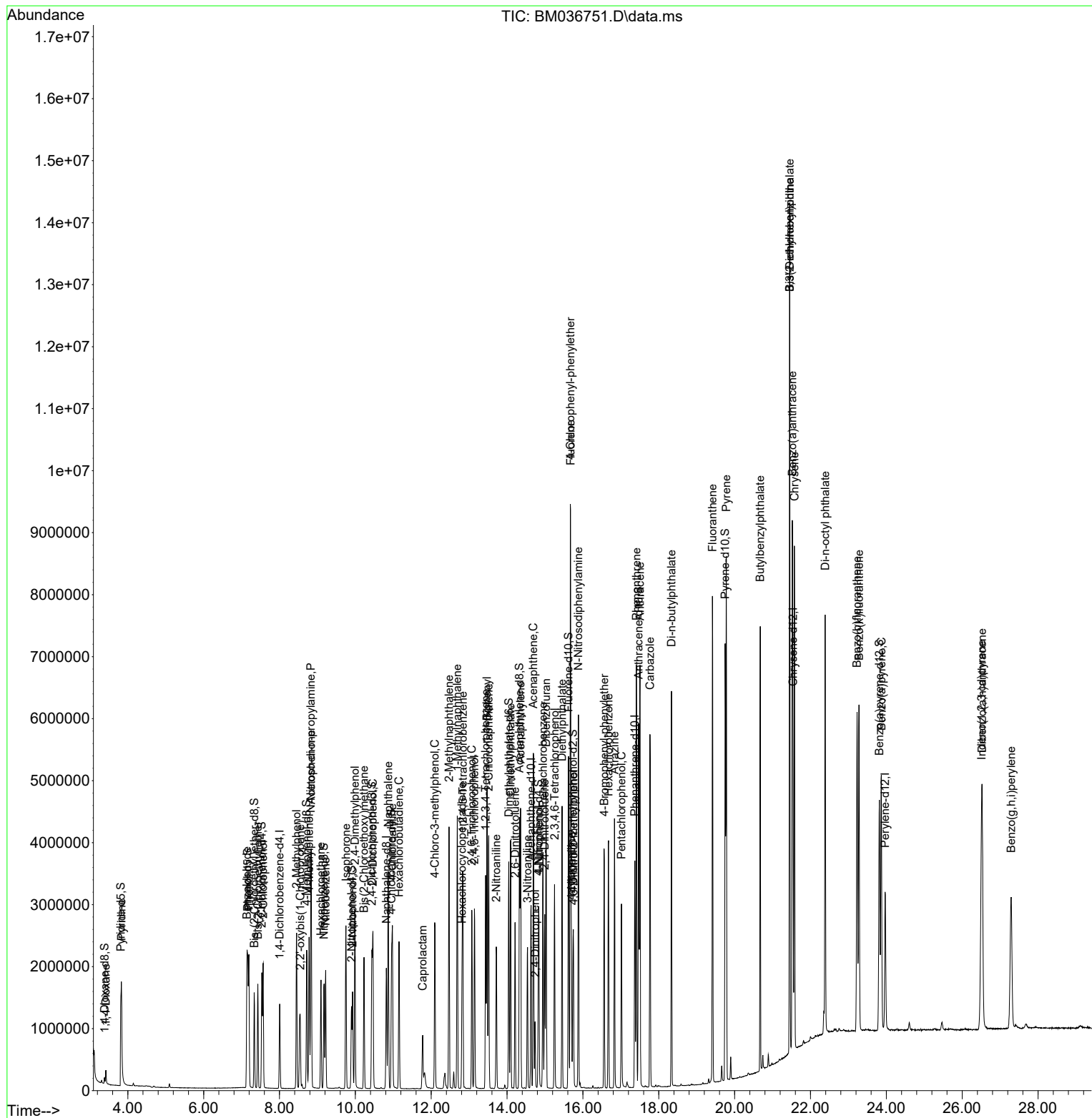
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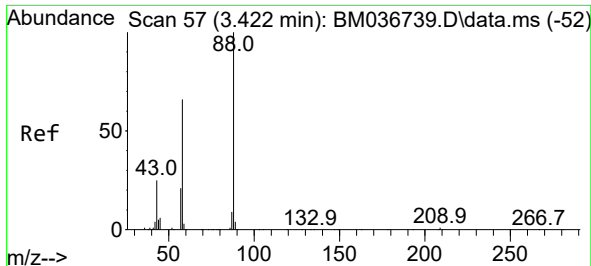
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BNA M

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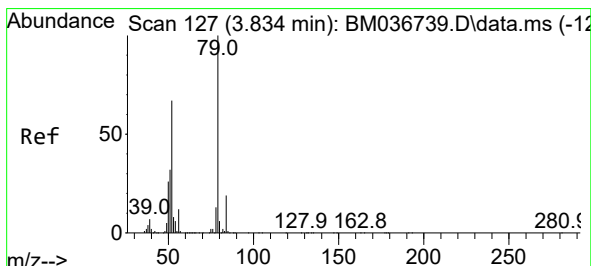
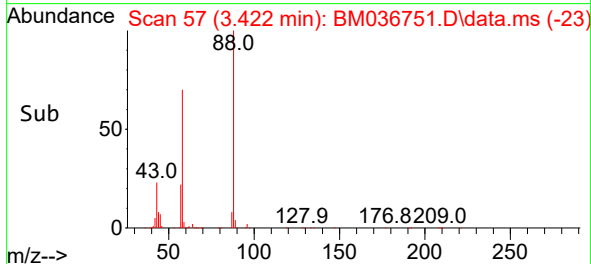
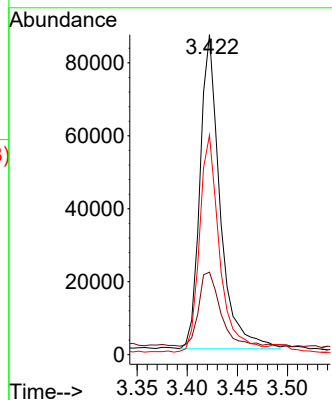
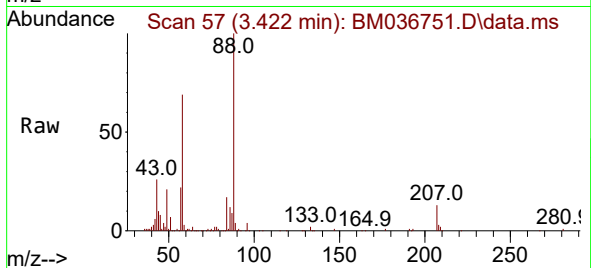




#2
1,4-Dioxane
Concen: 11.632 ng/uL
RT: 3.422 min Scan# 57
Delta R.T. 0.000 min
Lab File: BM036751.D
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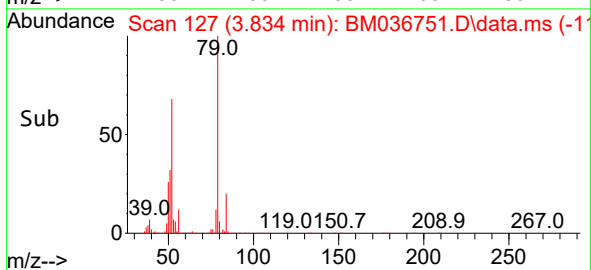
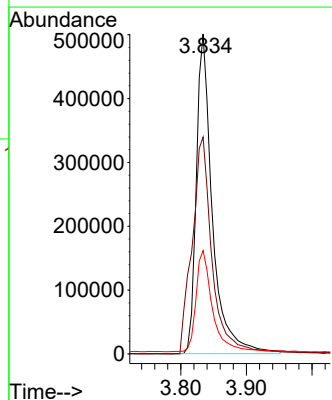
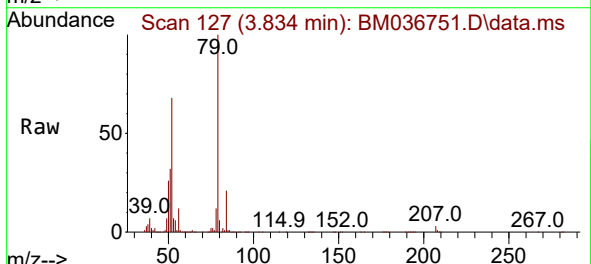
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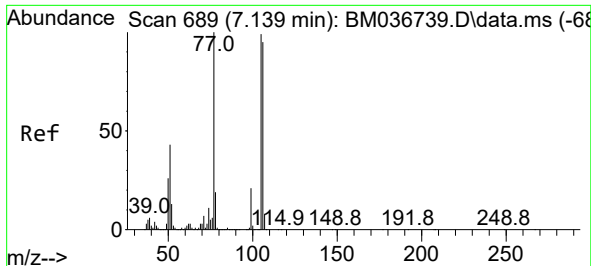
Tgt Ion: 88 Resp: 120144
Ion Ratio Lower Upper
88 100
43 25.8 23.1 34.7
58 68.6 56.6 85.0



#5
Pyridine
Concen: 30.495 ng/uL
RT: 3.834 min Scan# 127
Delta R.T. 0.000 min
Lab File: BM036751.D
Acq: 26 Sep 2022 18:43

Tgt Ion: 79 Resp: 856761
Ion Ratio Lower Upper
79 100
52 67.7 57.2 85.8
51 32.3 26.8 40.2

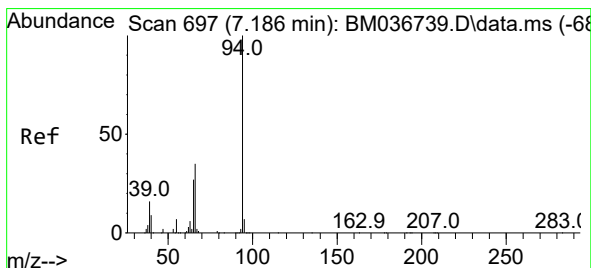
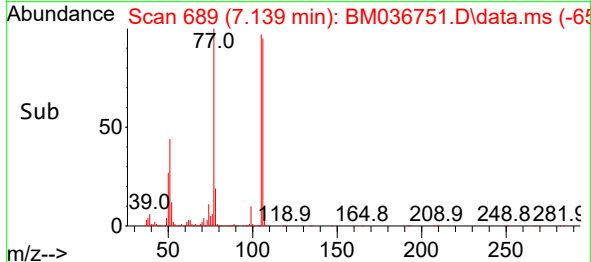
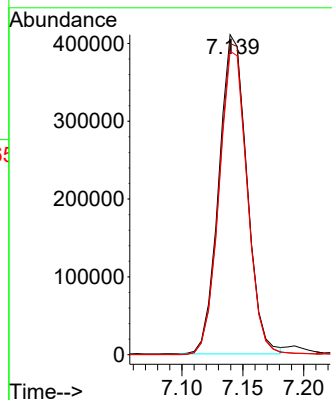
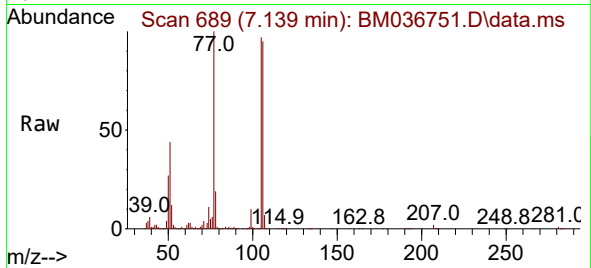




#6
Benzaldehyde
Concen: 42.319 ng/ul
RT: 7.139 min Scan# 689
Delta R.T. 0.000 min
Lab File: BM036751.D
Acq: 26 Sep 2022 18:43

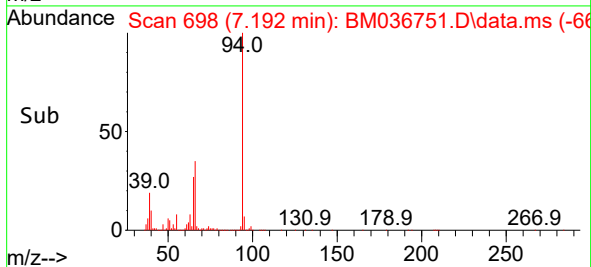
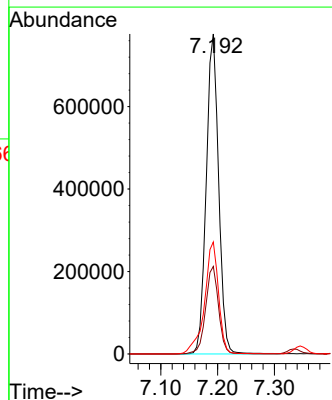
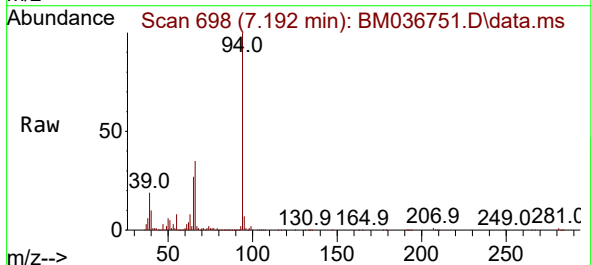
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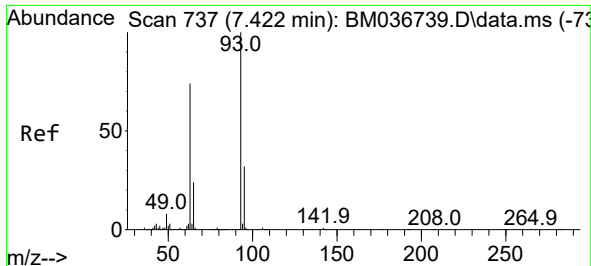
Tgt Ion: 77 Resp: 658263
Ion Ratio Lower Upper
77 100
105 97.2 75.1 112.7
106 94.8 73.0 109.6



#8
Phenol
Concen: 33.989 ng/ul
RT: 7.192 min Scan# 698
Delta R.T. 0.006 min
Lab File: BM036751.D
Acq: 26 Sep 2022 18:43

Tgt Ion: 94 Resp: 1171779
Ion Ratio Lower Upper
94 100
65 27.4 22.2 33.4
66 35.0 28.9 43.3

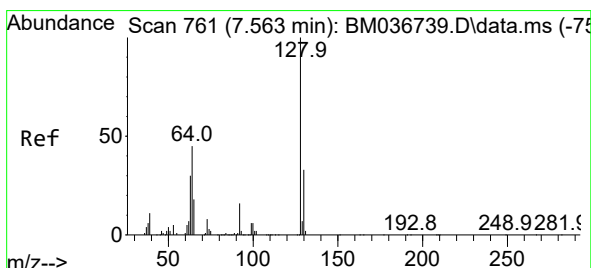
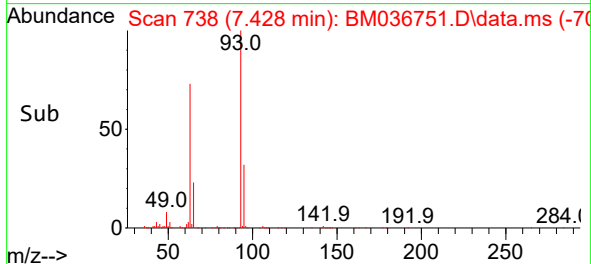
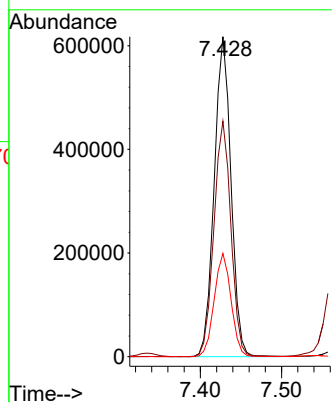
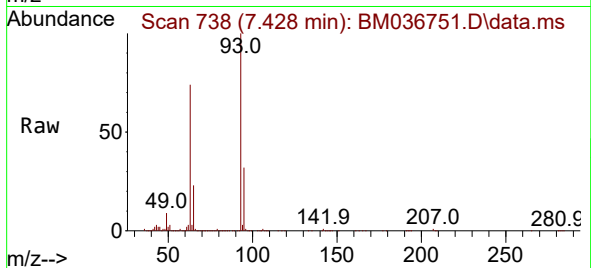




#10
 Bis(2-Chloroethyl)ether
 Concen: 33.074 ng/ul
 RT: 7.428 min Scan# 71
 Delta R.T. 0.006 min
 Lab File: BM036751.D
 Acq: 26 Sep 2022 18:43

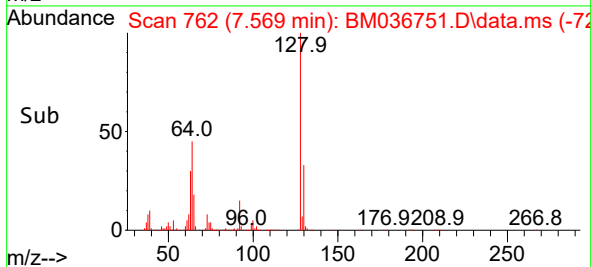
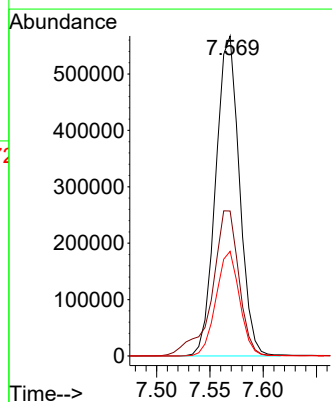
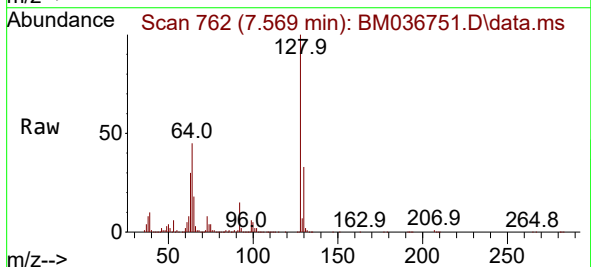
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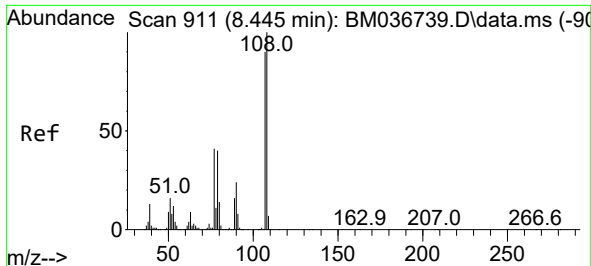
Tgt Ion: 93 Resp: 887155
 Ion Ratio Lower Upper
 93 100
 63 73.6 59.1 88.7
 95 32.3 26.1 39.1



#12
 2-Chlorophenol
 Concen: 35.151 ng/ul
 RT: 7.569 min Scan# 762
 Delta R.T. 0.006 min
 Lab File: BM036751.D
 Acq: 26 Sep 2022 18:43

Tgt Ion: 128 Resp: 879345
 Ion Ratio Lower Upper
 128 100
 64 45.3 37.8 56.8
 130 32.7 26.0 39.0





#13

2-Methylphenol

Concen: 33.827 ng/ul

RT: 8.451 min Scan# 911

Delta R.T. 0.006 min

Lab File: BM036751.D

Acq: 26 Sep 2022 18:43

Instrument :

BNA_M

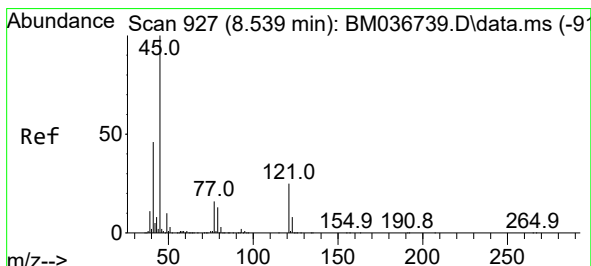
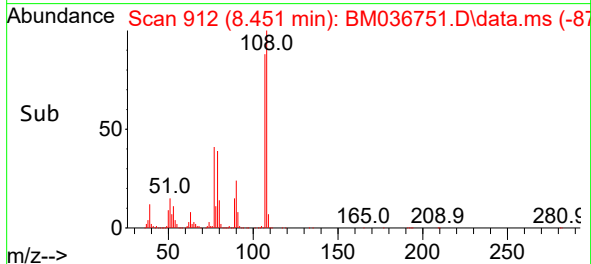
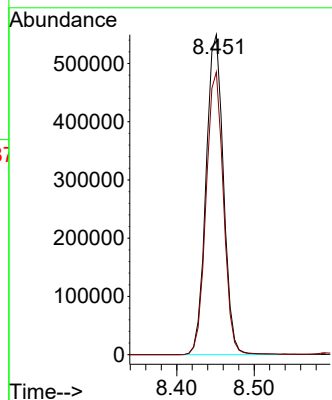
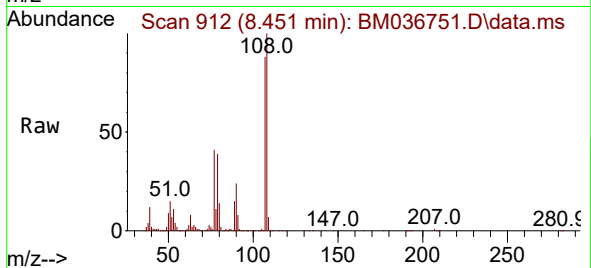
ClientSampleId :

Tgt Ion:108 Resp: 857187

Ion Ratio Lower Upper

108 100

107 88.3 70.7 106.1



#14

2,2'-oxybis(1-Chloropropane)

Concen: 33.558 ng/ul

RT: 8.545 min Scan# 928

Delta R.T. 0.006 min

Lab File: BM036751.D

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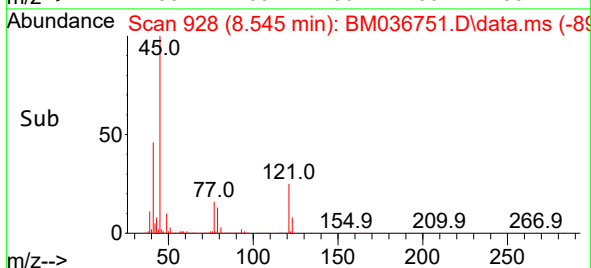
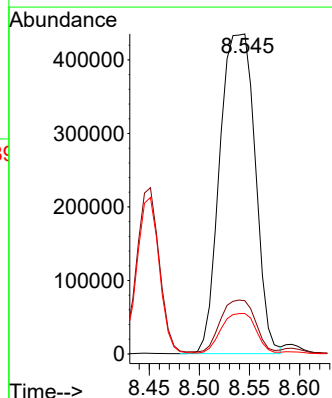
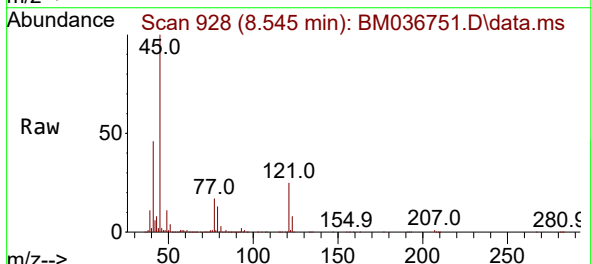
Tgt Ion: 45 Resp: 1066861

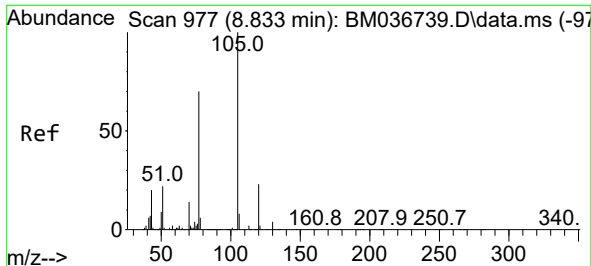
Ion Ratio Lower Upper

45 100

77 16.7 13.1 19.7

79 12.7 9.5 14.3

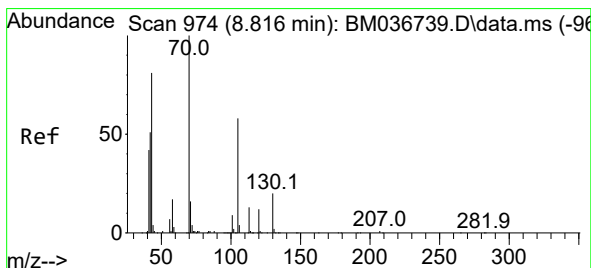
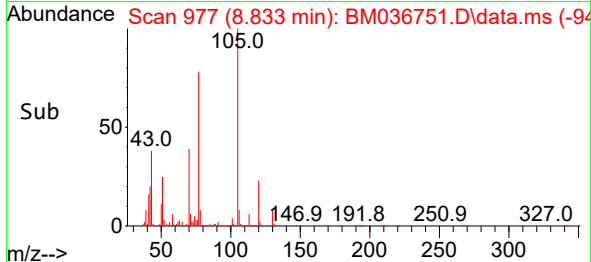
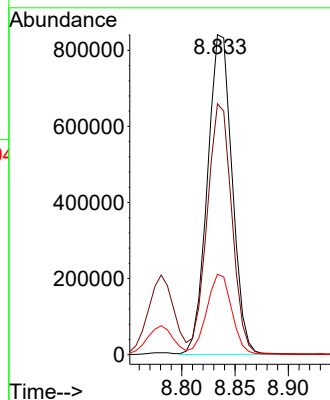
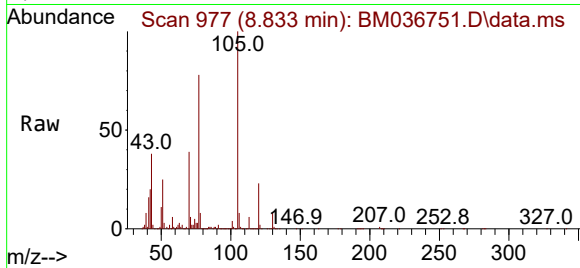




#16
Acetophenone
Concen: 33.037 ng/ul
RT: 8.833 min Scan# 91
Delta R.T. 0.000 min
Lab File: BM036751.D
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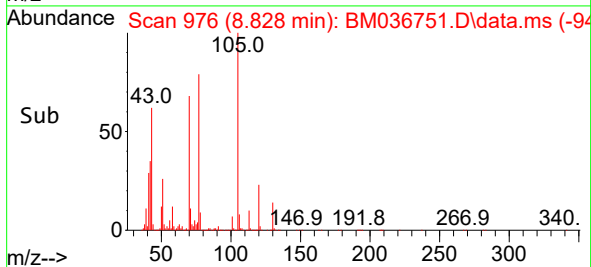
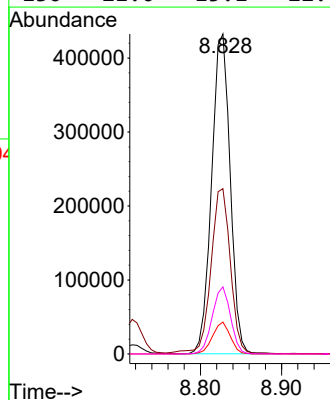
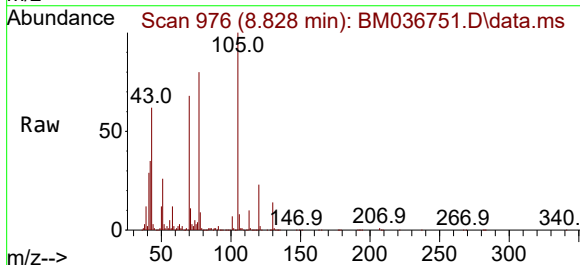
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BNA_M
ClientSampleId :

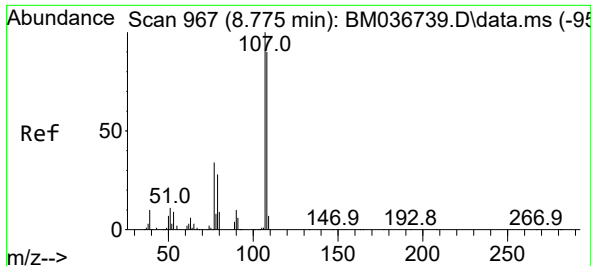
Tgt Ion:105 Resp: 1360083
Ion Ratio Lower Upper
105 100
77 78.4 61.6 92.4
51 25.1 20.5 30.7



#17
N-Nitroso-di-n-propylamine
Concen: 34.543 ng/ul
RT: 8.828 min Scan# 976
Delta R.T. 0.012 min
Lab File: BM036751.D
Acq: 26 Sep 2022 18:43

Tgt Ion: 70 Resp: 686185
Ion Ratio Lower Upper
70 100
42 51.6 43.0 64.4
101 9.9 7.7 11.5
130 21.0 15.1 22.7

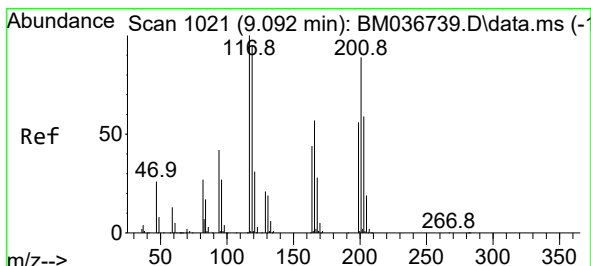
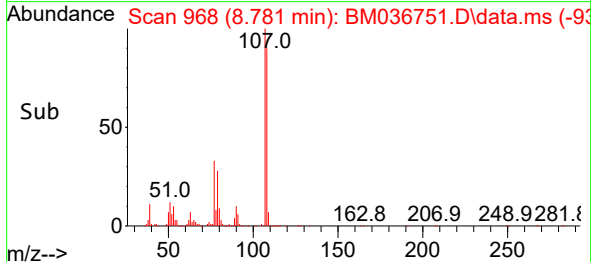
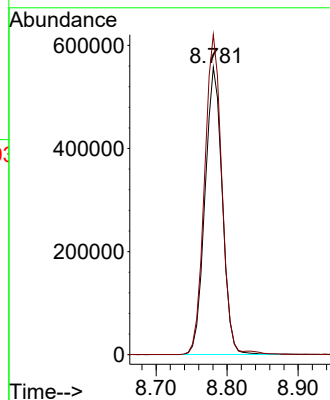
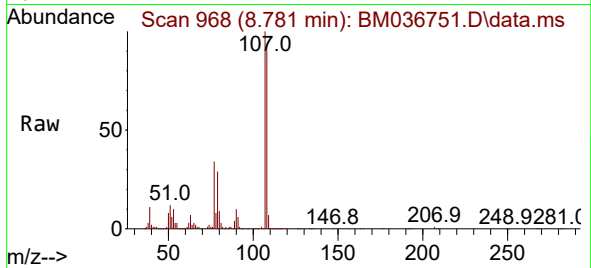




#18
4-Methylphenol
Concen: 34.425 ng/ul
RT: 8.781 min Scan# 967
Delta R.T. 0.006 min
Lab File: BM036751.D
Acq: 26 Sep 2022 18:43

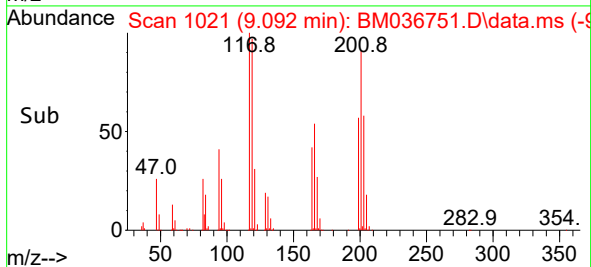
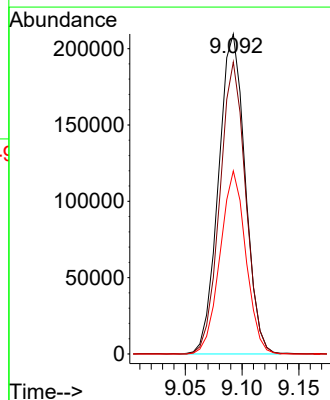
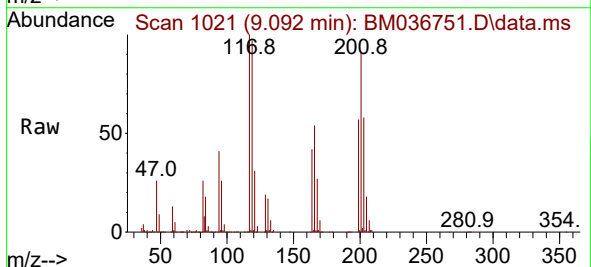
Instrument :
BNA_M
ClientSampleId :

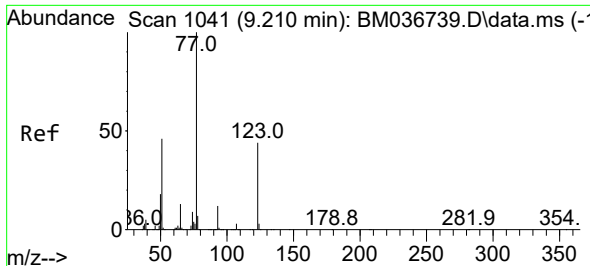
Tgt Ion:108 Resp: 943314
Ion Ratio Lower Upper
108 100
107 111.4 89.4 134.0



#19
Hexachloroethane
Concen: 33.780 ng/ul
RT: 9.092 min Scan# 1021
Delta R.T. 0.000 min
Lab File: BM036751.D
Acq: 26 Sep 2022 18:43

Tgt Ion:117 Resp: 342288
Ion Ratio Lower Upper
117 100
201 93.3 68.7 103.1
199 57.2 43.0 64.6

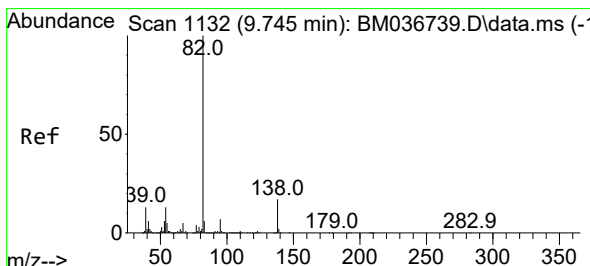
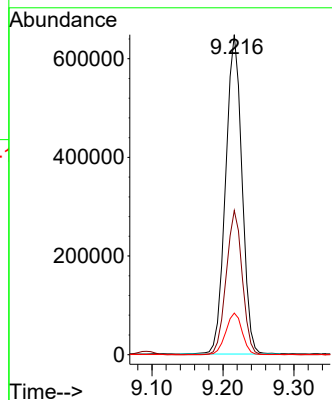
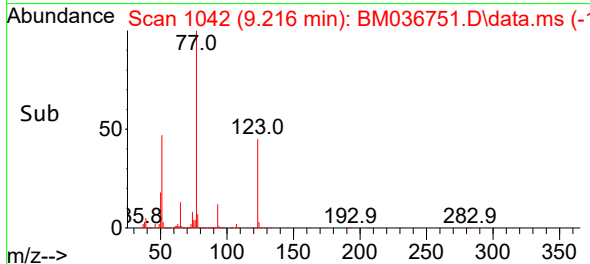
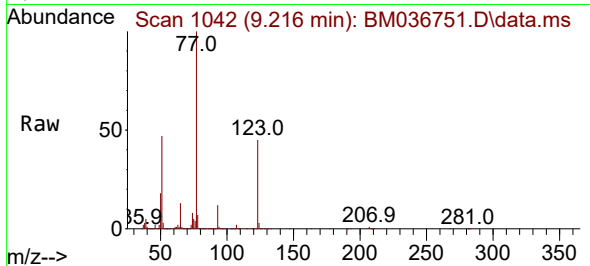




#22
Nitrobenzene
Concen: 36.946 ng/ul
RT: 9.216 min Scan# 1042
Delta R.T. 0.006 min
Lab File: BM036751.D
Acq: 26 Sep 2022 18:43

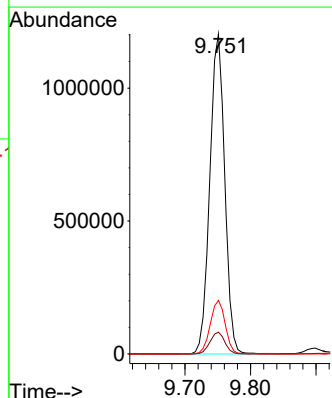
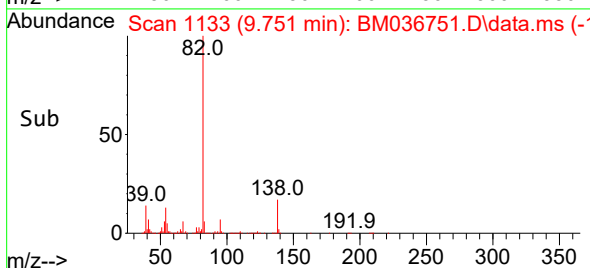
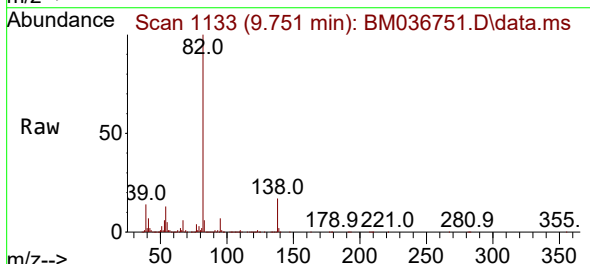
Instrument :
BNA_M
ClientSampleId :

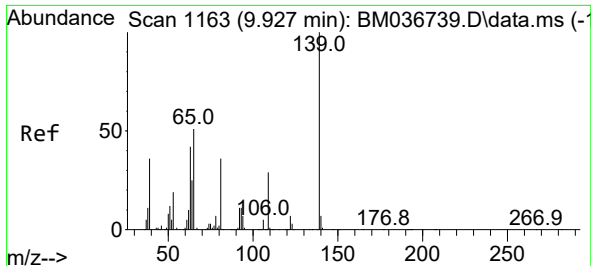
Tgt Ion: 77 Resp: 1035750
Ion Ratio Lower Upper
77 100
123 45.1 34.9 52.3
65 13.0 10.7 16.1



#23
Isophorone
Concen: 33.358 ng/ul
RT: 9.751 min Scan# 1133
Delta R.T. 0.006 min
Lab File: BM036751.D
Acq: 26 Sep 2022 18:43

Tgt Ion: 82 Resp: 1906757
Ion Ratio Lower Upper
82 100
95 6.8 5.4 8.2
138 16.7 13.5 20.3

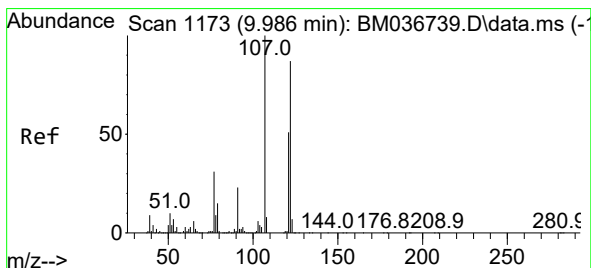
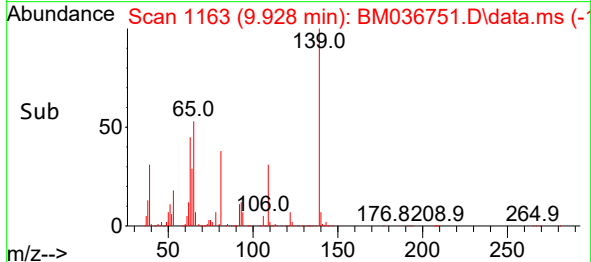
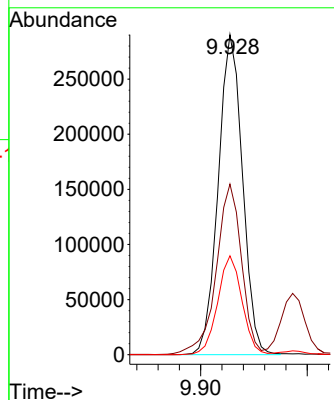
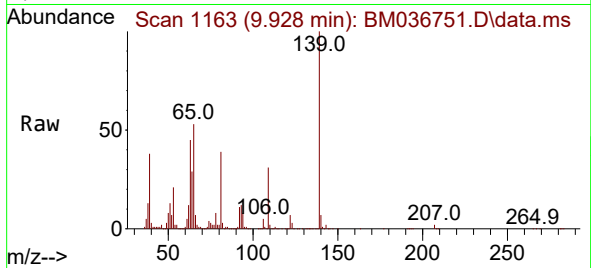




#25
2-Nitrophenol
Concen: 39.327 ng/ul
RT: 9.928 min Scan# 1163
Delta R.T. 0.000 min
Lab File: BM036751.D
Acq: 26 Sep 2022 18:43

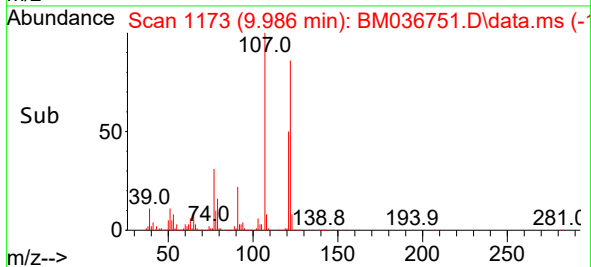
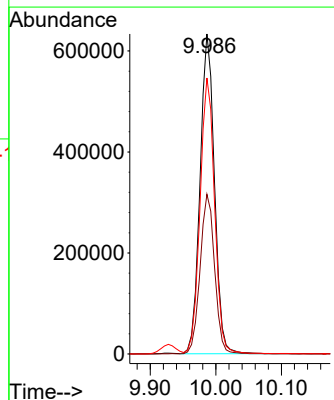
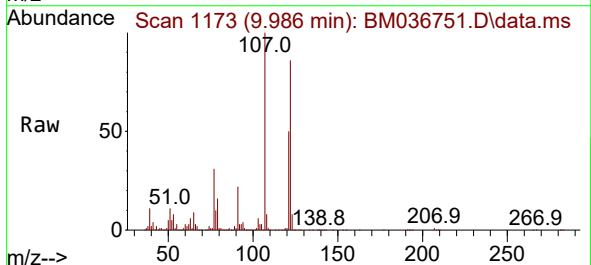
Instrument :
BNA_M
ClientSampleId :

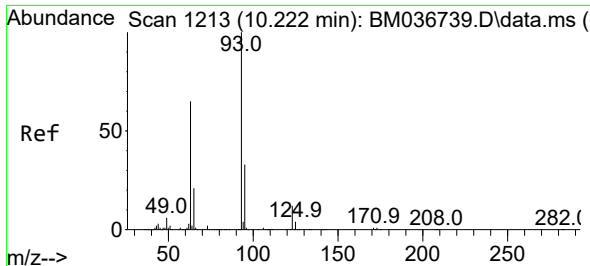
Tgt Ion:139 Resp: 459404
Ion Ratio Lower Upper
139 100
65 53.3 40.9 61.3
109 30.9 23.9 35.9



#26
2,4-Dimethylphenol
Concen: 33.656 ng/ul
RT: 9.986 min Scan# 1173
Delta R.T. 0.000 min
Lab File: BM036751.D
Acq: 26 Sep 2022 18:43

Tgt Ion:107 Resp: 969677
Ion Ratio Lower Upper
107 100
121 49.9 39.4 59.2
122 86.2 69.1 103.7





#27

Bis(2-Chloroethoxy)methane

Concen: 34.122 ng/ul

RT: 10.227 min Scan# 1

Delta R.T. 0.006 min

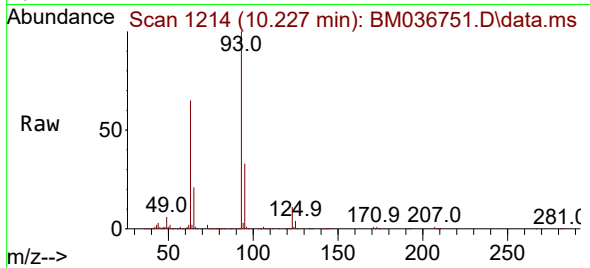
Lab File: BM036751.D

Acq: 26 Sep 2022 18:43

Instrument :

BNA_M

ClientSampleId :



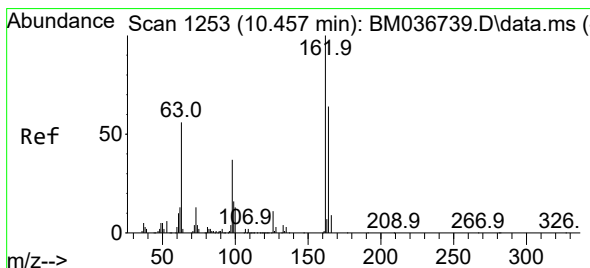
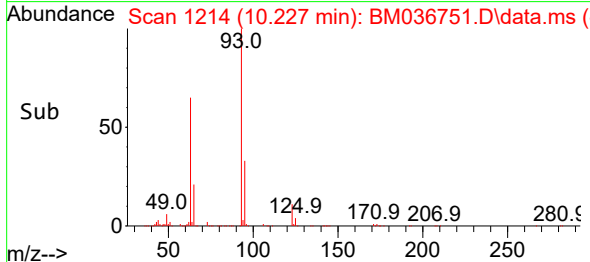
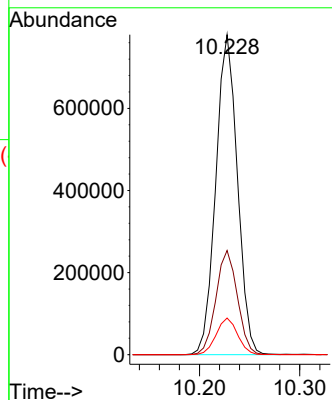
Tgt Ion: 93 Resp: 1162534

Ion Ratio Lower Upper

93 100

95 32.5 26.2 39.4

123 11.5 9.2 13.8



#29

2,4-Dichlorophenol

Concen: 35.684 ng/ul

RT: 10.463 min Scan# 1254

Delta R.T. 0.006 min

Lab File: BM036751.D

Acq: 26 Sep 2022 18:43

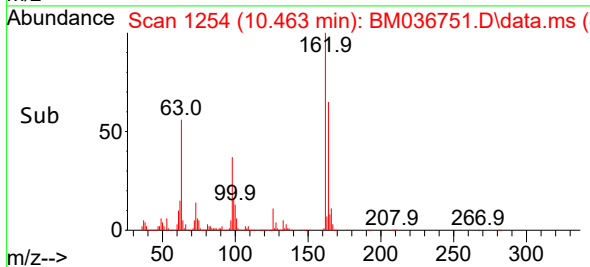
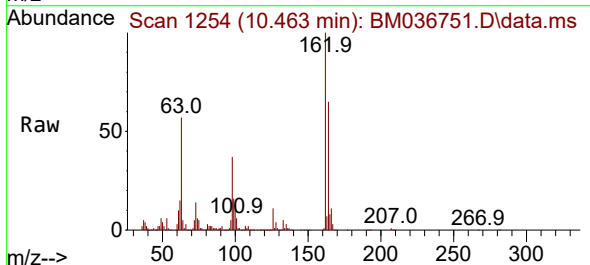
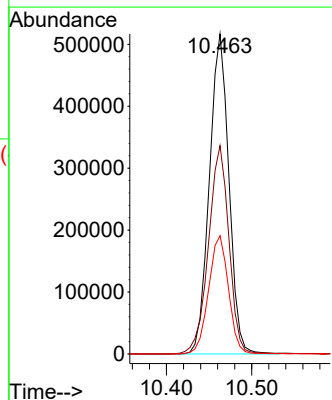
Tgt Ion:162 Resp: 822237

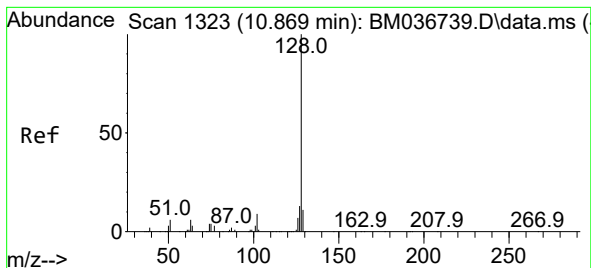
Ion Ratio Lower Upper

162 100

164 65.1 52.1 78.1

98 37.0 29.1 43.7

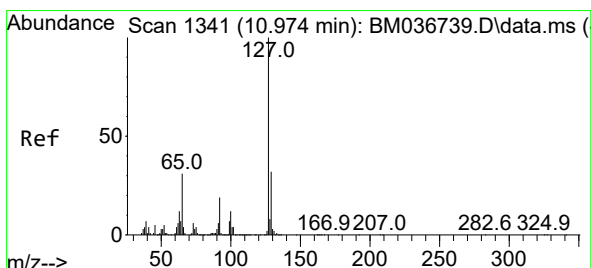
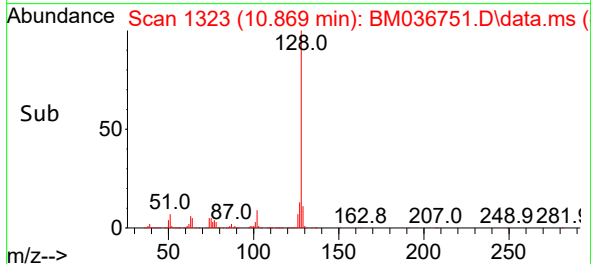
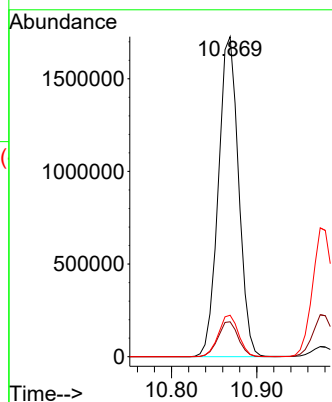
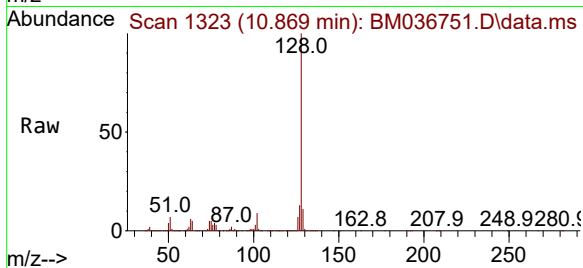




#30
Naphthalene
Concen: 33.470 ng/ul
RT: 10.869 min Scan# 1323
Delta R.T. 0.000 min
Lab File: BM036751.D
Acq: 26 Sep 2022 18:43

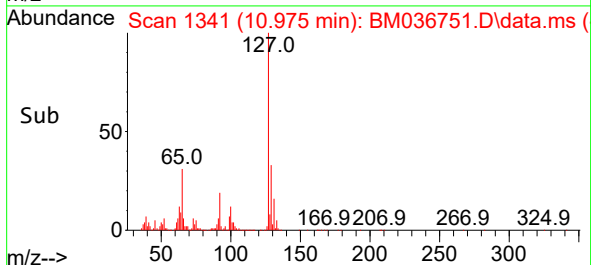
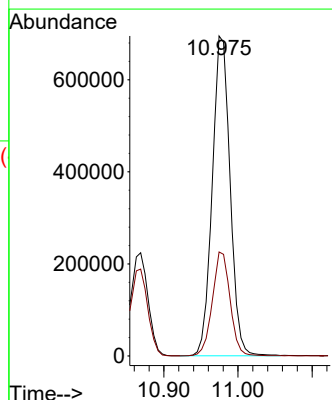
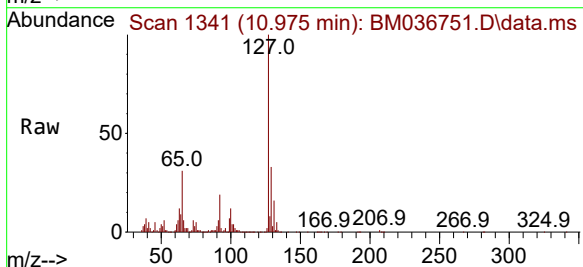
Instrument :
BNA_M
ClientSampleId :

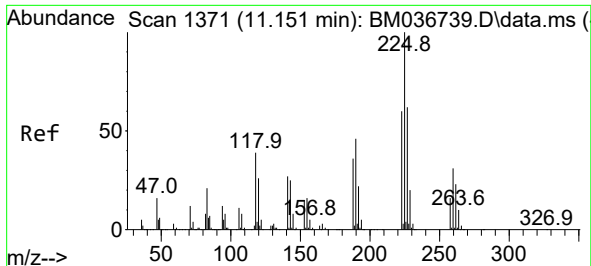
Tgt Ion:128 Resp: 2844331
Ion Ratio Lower Upper
128 100
129 10.9 8.7 13.1
127 13.0 10.3 15.5



#32
4-Chloroaniline
Concen: 30.821 ng/ul
RT: 10.975 min Scan# 1341
Delta R.T. 0.000 min
Lab File: BM036751.D
Acq: 26 Sep 2022 18:43

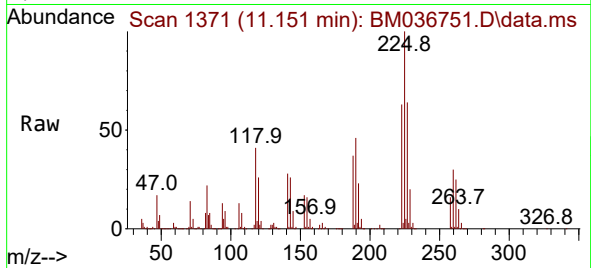
Tgt Ion:127 Resp: 1159605
Ion Ratio Lower Upper
127 100
129 32.5 25.4 38.2



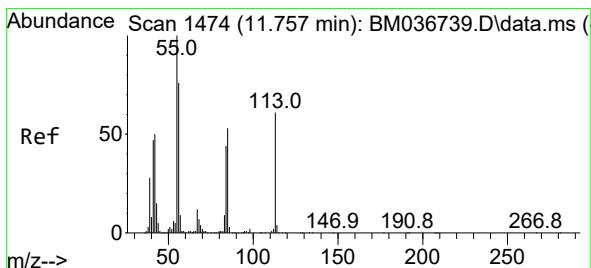
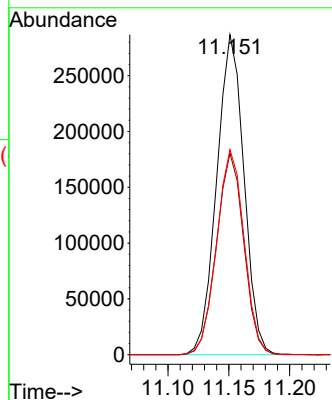
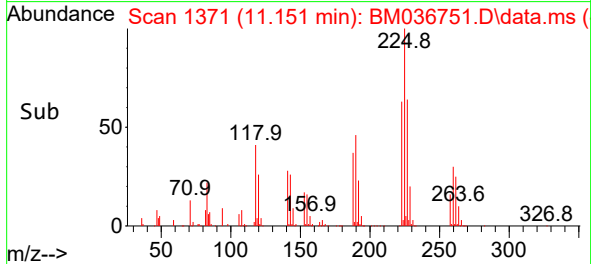


#33
Hexachlorobutadiene
Concen: 31.694 ng/ul
RT: 11.151 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM036751.D
Acq: 26 Sep 2022 18:43

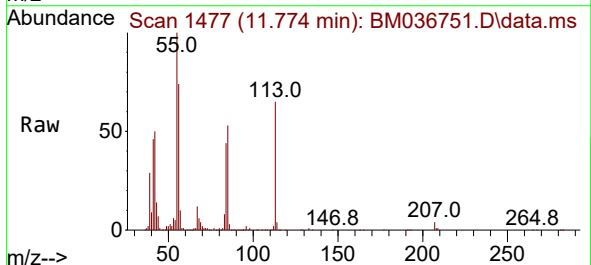
Instrument :
BNA_M
ClientSampleId :



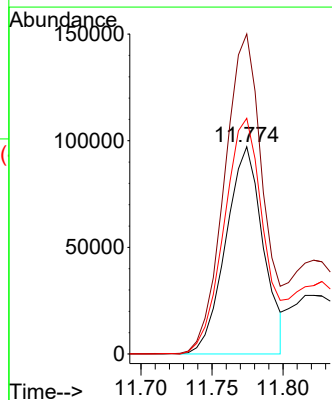
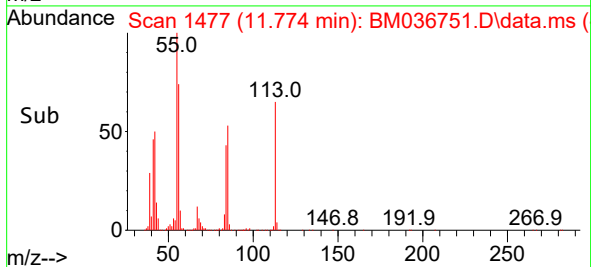
Tgt Ion:225 Resp: 446658
Ion Ratio Lower Upper
225 100
223 62.9 49.8 74.8
227 64.1 51.0 76.6

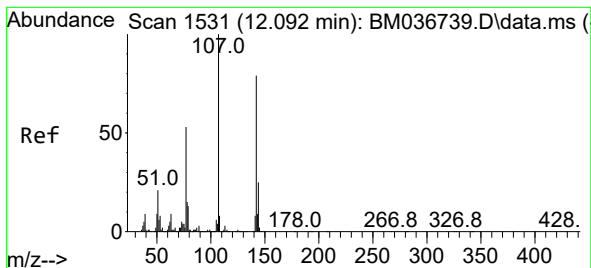


#34
Caprolactam
Concen: 23.794 ng/ul
RT: 11.774 min Scan# 1477
Delta R.T. 0.018 min
Lab File: BM036751.D
Acq: 26 Sep 2022 18:43



Tgt Ion:113 Resp: 177850
Ion Ratio Lower Upper
113 100
55 154.4 127.5 191.3
56 113.7 94.6 142.0

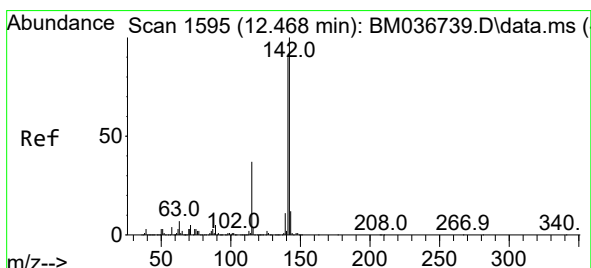
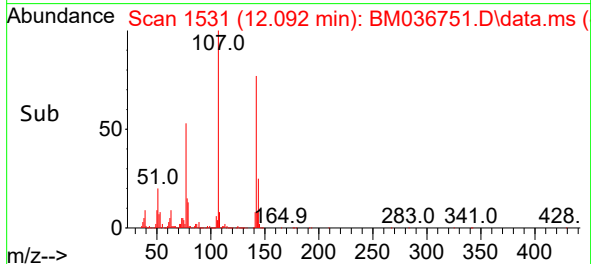
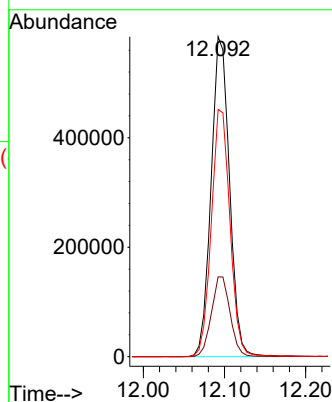
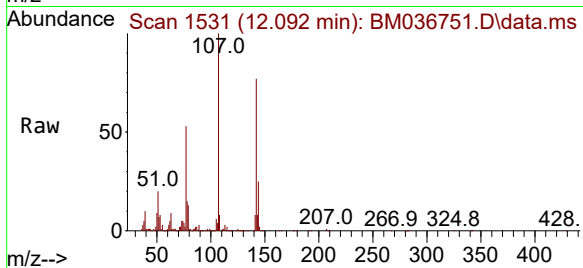




#35
 4-Chloro-3-methylphenol
 Concen: 36.194 ng/ul
 RT: 12.092 min Scan# 1531
 Delta R.T. 0.000 min
 Lab File: BM036751.D
 Acq: 26 Sep 2022 18:43

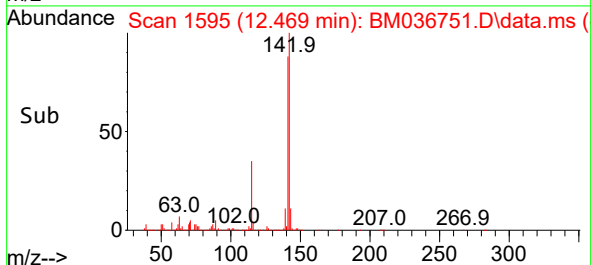
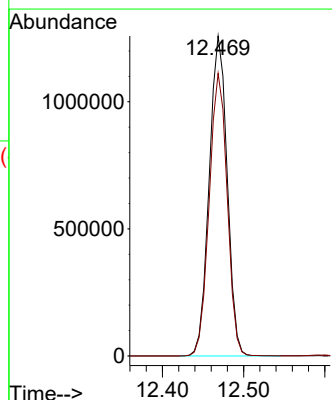
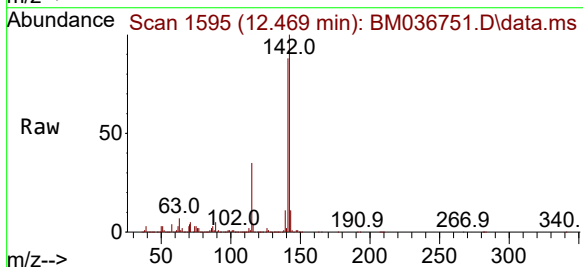
Instrument :
 BNA_M
 ClientSampleId :

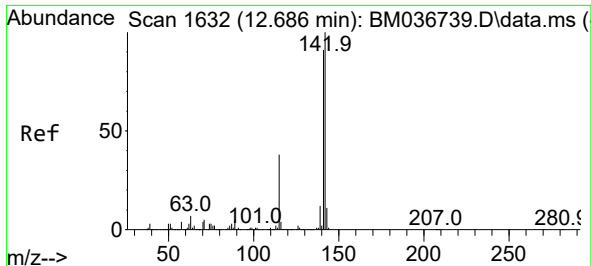
Tgt Ion:107 Resp: 920612
 Ion Ratio Lower Upper
 107 100
 144 25.0 21.5 32.3
 142 77.2 63.9 95.9



#36
 2-Methylnaphthalene
 Concen: 34.129 ng/ul
 RT: 12.469 min Scan# 1595
 Delta R.T. 0.000 min
 Lab File: BM036751.D
 Acq: 26 Sep 2022 18:43

Tgt Ion:142 Resp: 1932407
 Ion Ratio Lower Upper
 142 100
 141 88.3 70.7 106.1





#37

1-Methylnaphthalene

Concen: 34.065 ng/ul

RT: 12.686 min Scan# 1

Delta R.T. 0.000 min

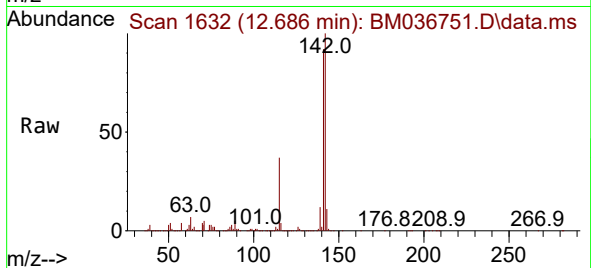
Lab File: BM036751.D

Acq: 26 Sep 2022 18:43

Instrument :

BNA_M

ClientSampleId :



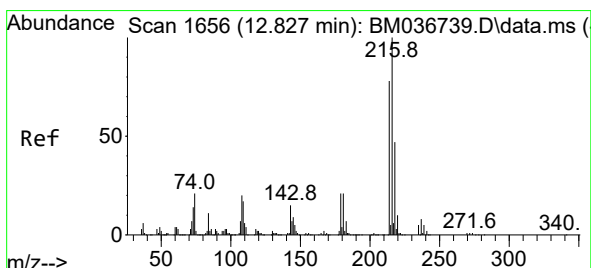
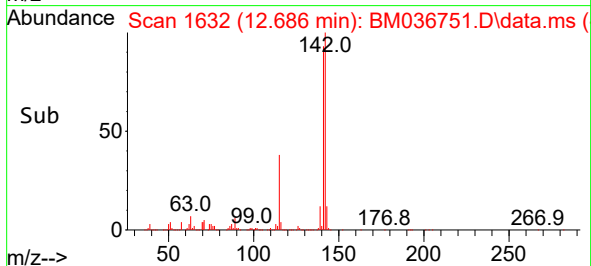
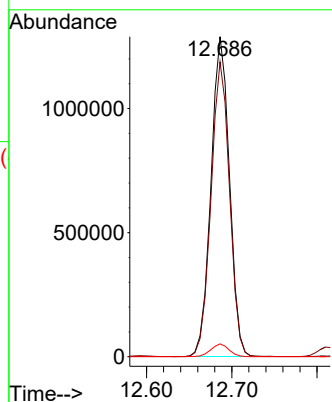
Tgt Ion:142 Resp: 1938990

Ion Ratio Lower Upper

142 100

141 92.1 73.4 110.2

116 4.0 3.1 4.7



#39

1,2,4,5-Tetrachlorobenzene

Concen: 32.858 ng/ul

RT: 12.833 min Scan# 1657

Delta R.T. 0.006 min

Lab File: BM036751.D

Acq: 26 Sep 2022 18:43

Tgt Ion:216 Resp: 923893

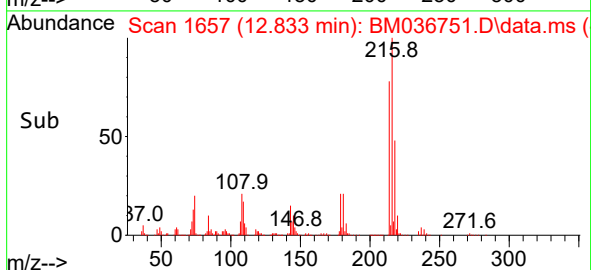
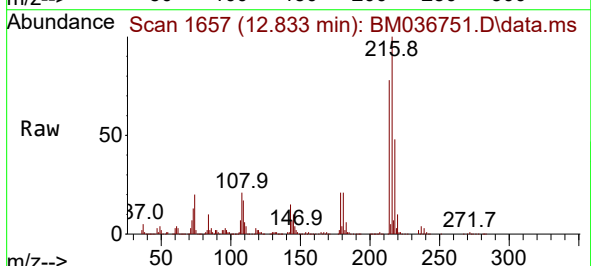
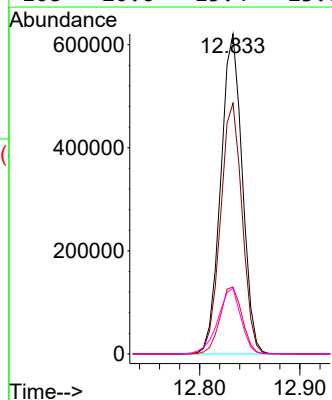
Ion Ratio Lower Upper

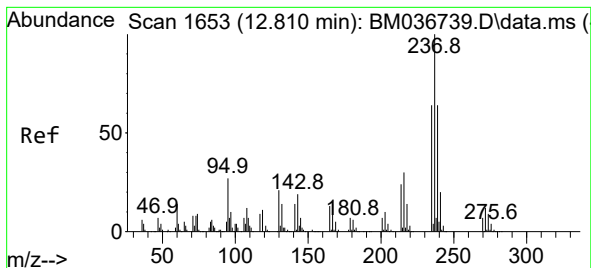
216 100

214 78.3 62.4 93.6

179 21.0 16.7 25.1

108 20.6 15.4 23.0





#40

Hexachlorocyclopentadiene

Concen: 26.909 ng/ul

RT: 12.810 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM036751.D

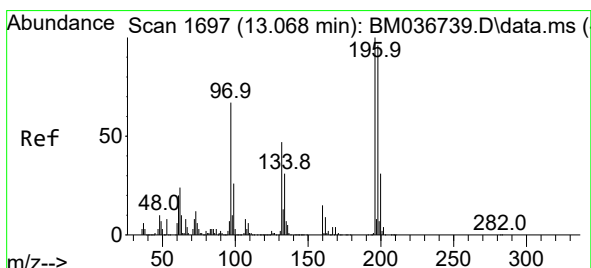
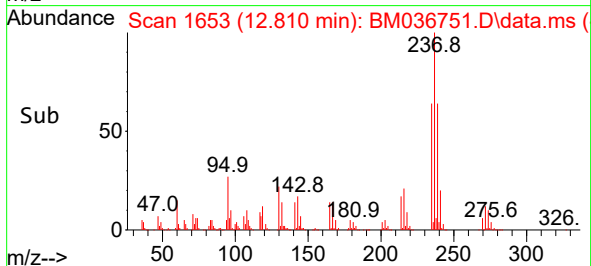
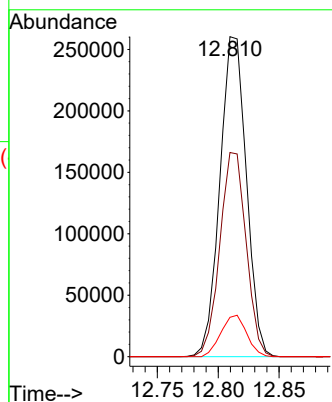
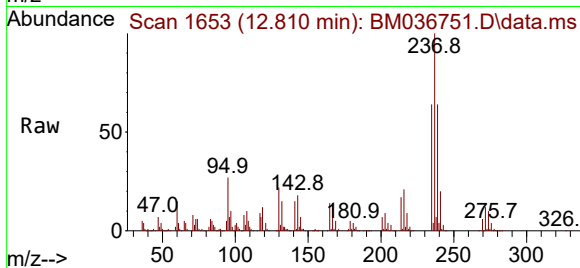
Acq: 26 Sep 2022 18:43

Instrument :

BNA_M

ClientSampleId :

Tgt Ion:237	Resp:	394305
Ion Ratio	Lower	Upper
237	100	
235	63.8	50.9 76.3
272	12.3	10.3 15.5



#41

2,4,6-Trichlorophenol

Concen: 35.264 ng/ul

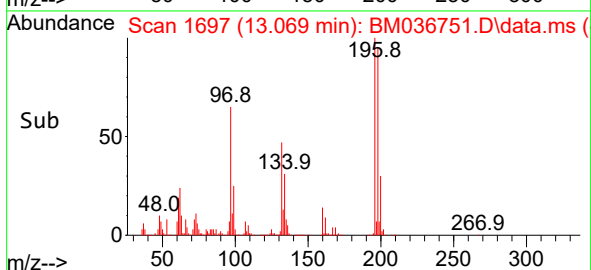
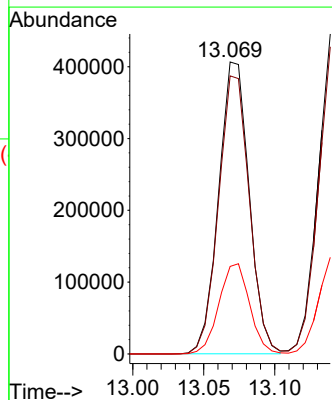
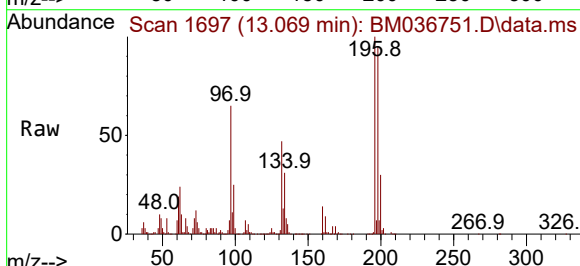
RT: 13.069 min Scan# 1697

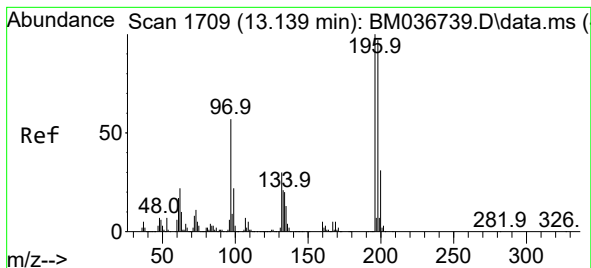
Delta R.T. 0.000 min

Lab File: BM036751.D

Acq: 26 Sep 2022 18:43

Tgt Ion:196	Resp:	607109
Ion Ratio	Lower	Upper
196	100	
198	95.2	77.3 115.9
200	30.0	25.2 37.8





#42

2,4,5-Trichlorophenol

Concen: 36.399 ng/ul

RT: 13.139 min Scan# 1

Delta R.T. 0.000 min

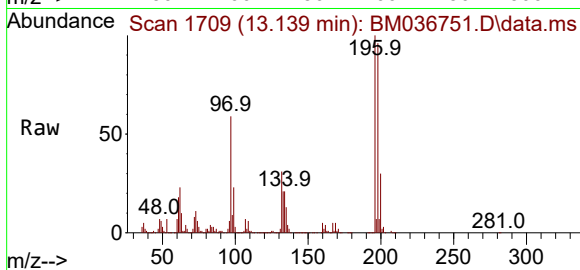
Lab File: BM036751.D

Acq: 26 Sep 2022 18:43

Instrument :

BNA_M

ClientSampleId :



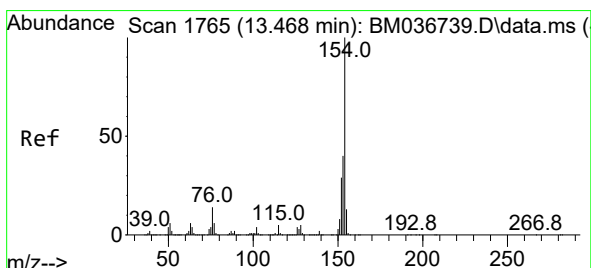
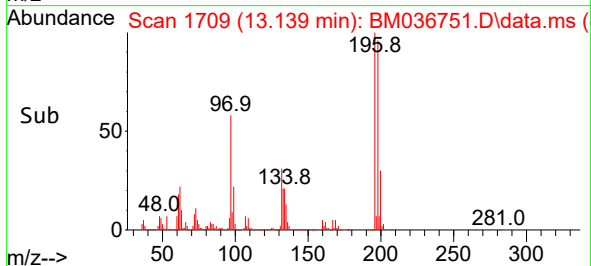
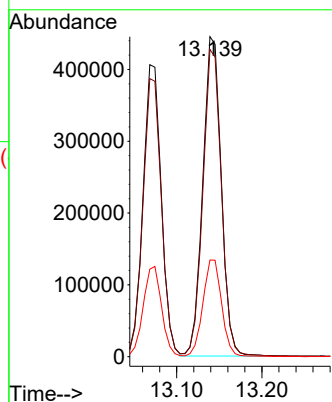
Tgt Ion:196 Resp: 671854

Ion Ratio Lower Upper

196 100

198 96.0 75.6 113.4

200 30.2 24.7 37.1



#43

1,1'-Biphenyl

Concen: 33.663 ng/ul

RT: 13.474 min Scan# 1766

Delta R.T. 0.006 min

Lab File: BM036751.D

Acq: 26 Sep 2022 18:43

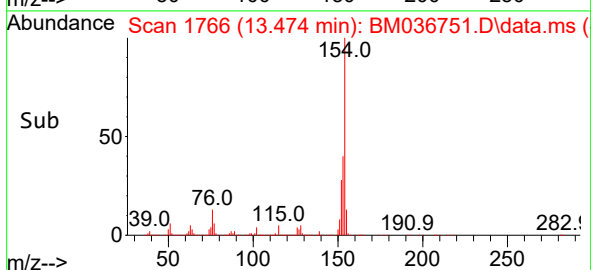
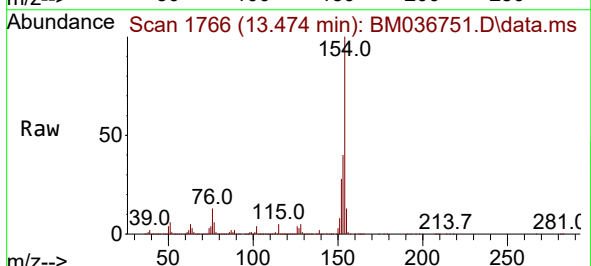
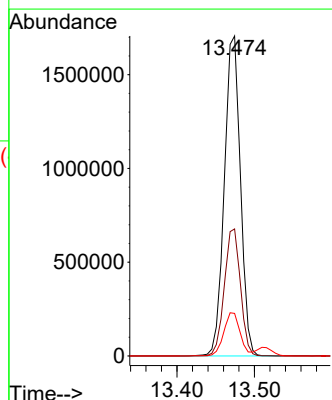
Tgt Ion:154 Resp: 2465152

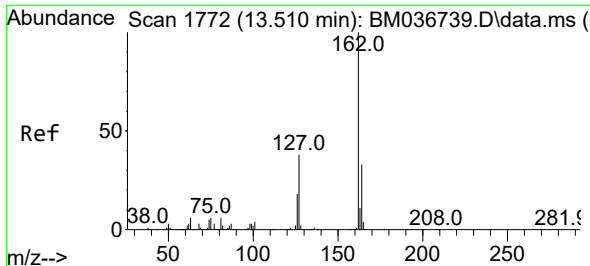
Ion Ratio Lower Upper

154 100

153 39.7 31.4 47.2

76 13.3 10.4 15.6

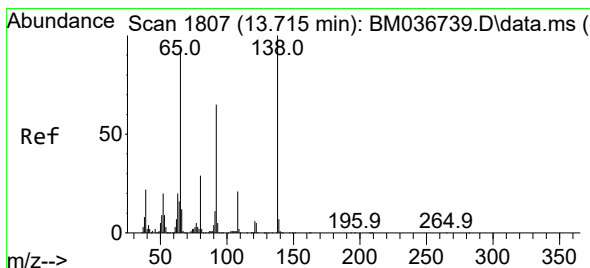
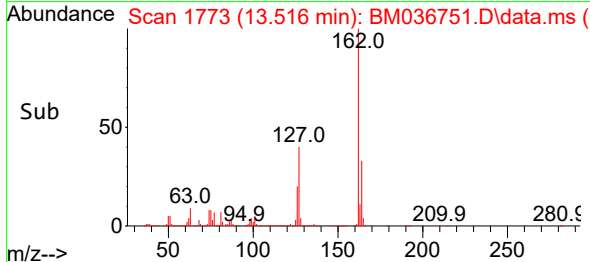
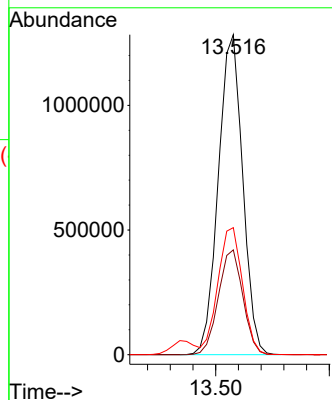
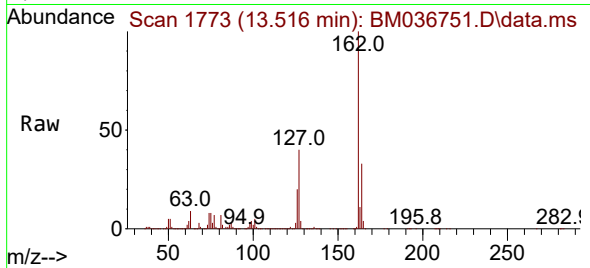




#44
2-Chloronaphthalene
Concen: 33.280 ng/ul
RT: 13.516 min Scan# 1772
Delta R.T. 0.006 min
Lab File: BM036751.D
Acq: 26 Sep 2022 18:43

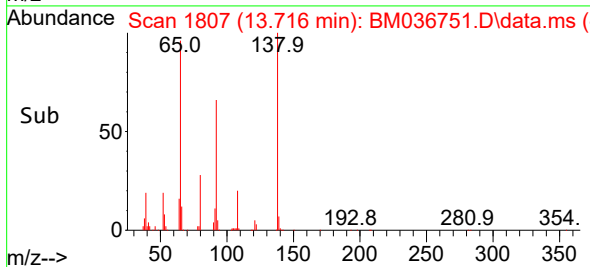
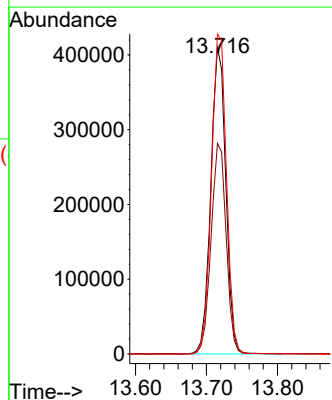
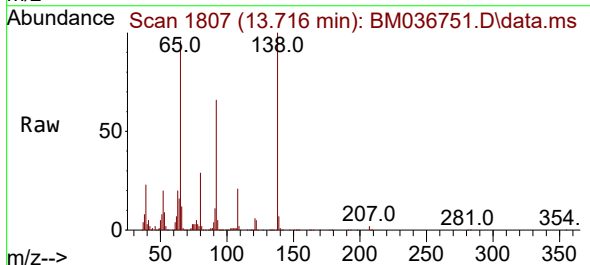
Instrument :
BNA_M
ClientSampleId :

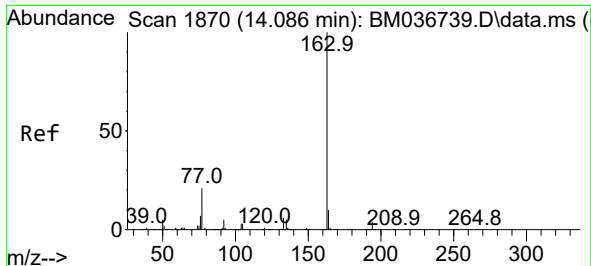
Tgt Ion:162 Resp: 1912407
Ion Ratio Lower Upper
162 100
164 32.8 26.2 39.2
127 39.7 32.6 49.0



#45
2-Nitroaniline
Concen: 42.731 ng/ul
RT: 13.716 min Scan# 1807
Delta R.T. 0.000 min
Lab File: BM036751.D
Acq: 26 Sep 2022 18:43

Tgt Ion: 65 Resp: 604386
Ion Ratio Lower Upper
65 100
92 68.7 54.4 81.6
138 104.5 86.1 129.1

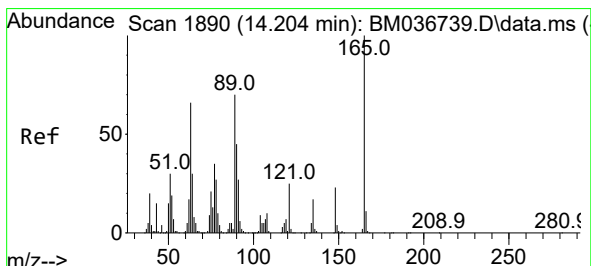
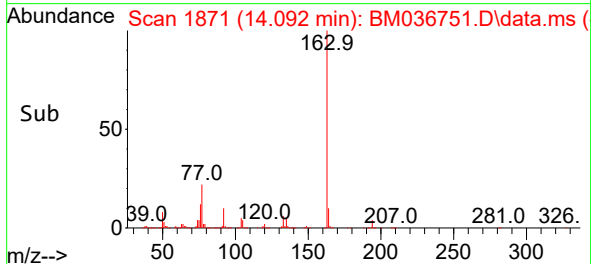
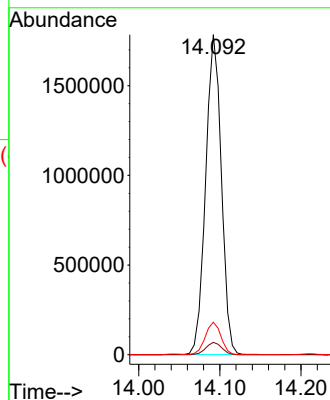
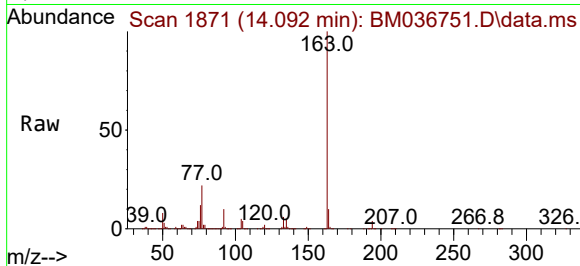




#47
Dimethylphthalate
Concen: 33.538 ng/ul
RT: 14.092 min Scan# 1870
Delta R.T. 0.006 min
Lab File: BM036751.D
Acq: 26 Sep 2022 18:43

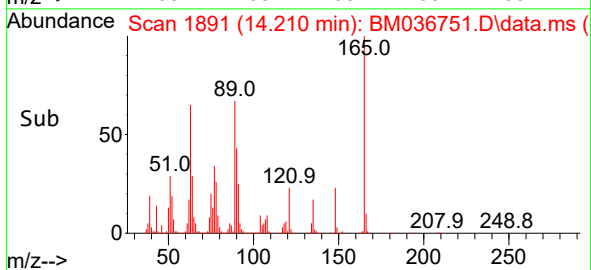
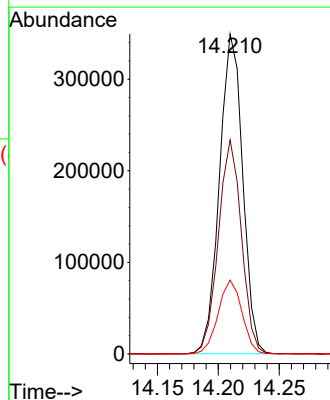
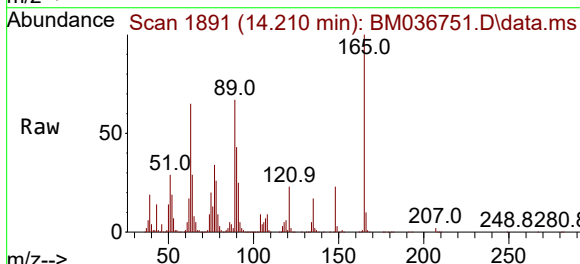
Instrument :
BNA_M
ClientSampleId :

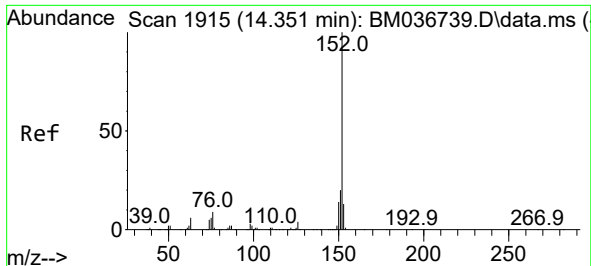
Tgt Ion:163 Resp: 2383627
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.6
164 10.2 8.3 12.5



#48
2,6-Dinitrotoluene
Concen: 40.159 ng/ul
RT: 14.210 min Scan# 1891
Delta R.T. 0.006 min
Lab File: BM036751.D
Acq: 26 Sep 2022 18:43

Tgt Ion:165 Resp: 464035
Ion Ratio Lower Upper
165 100
89 66.9 52.8 79.2
121 23.1 19.4 29.0

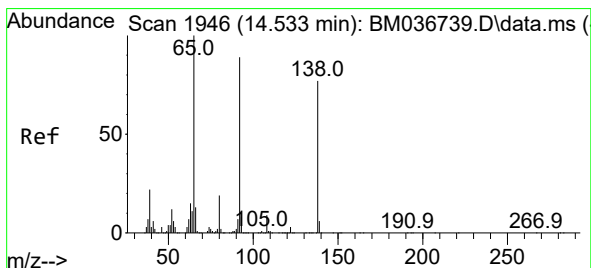
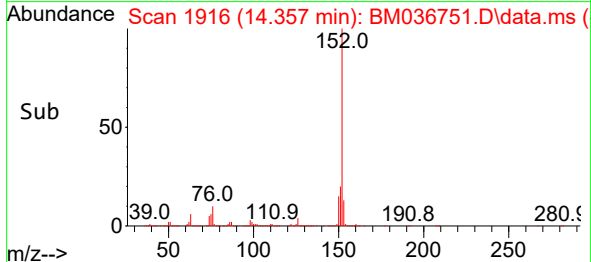
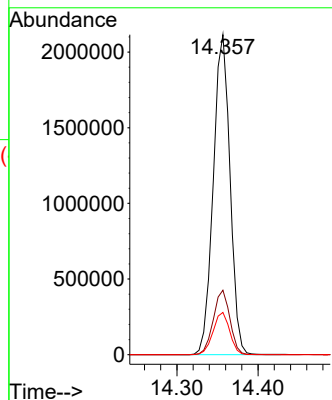
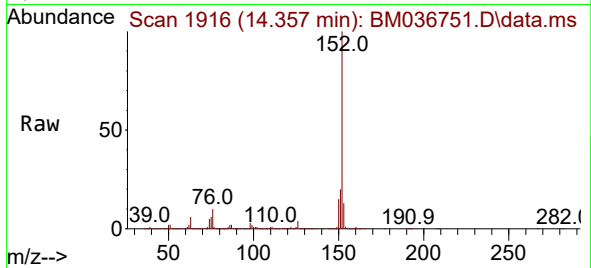




#50
Acenaphthylene
Concen: 33.329 ng/ul
RT: 14.357 min Scan# 1915
Delta R.T. 0.006 min
Lab File: BM036751.D
Acq: 26 Sep 2022 18:43

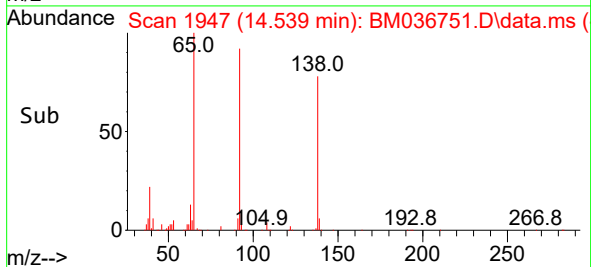
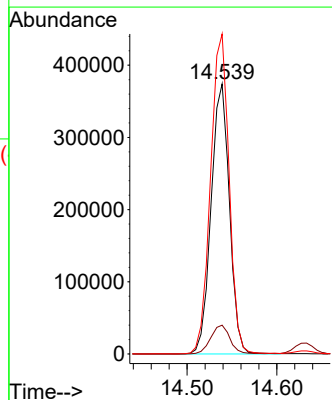
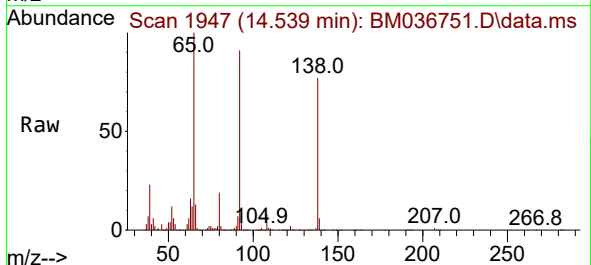
Instrument :
BNA_M
ClientSampleId :

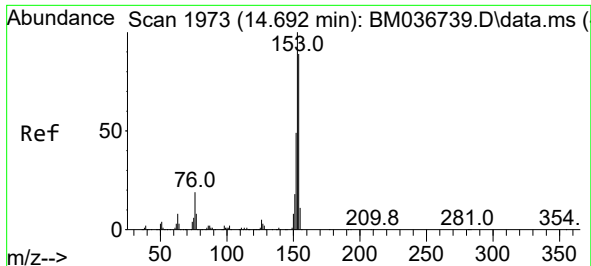
Tgt Ion:152 Resp: 3028382
Ion Ratio Lower Upper
152 100
151 20.2 15.7 23.5
153 13.2 10.5 15.7



#51
3-Nitroaniline
Concen: 38.276 ng/ul
RT: 14.539 min Scan# 1947
Delta R.T. 0.006 min
Lab File: BM036751.D
Acq: 26 Sep 2022 18:43

Tgt Ion:138 Resp: 530446
Ion Ratio Lower Upper
138 100
108 10.7 12.5 18.7#
92 118.5 95.4 143.2

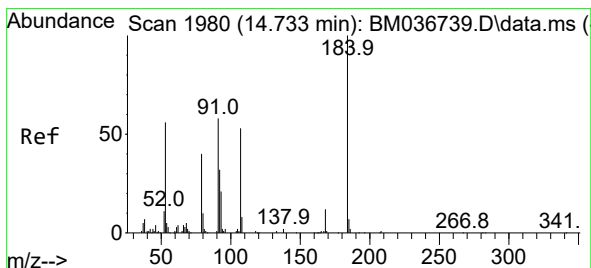
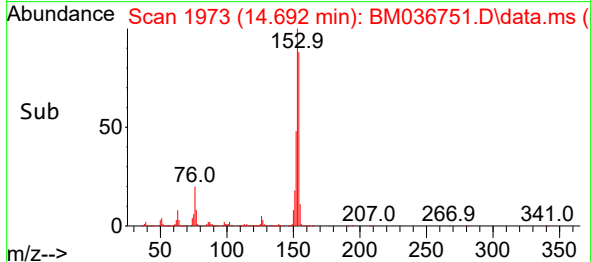
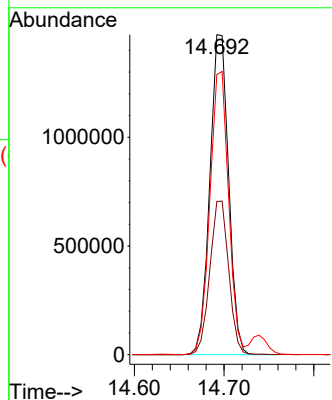
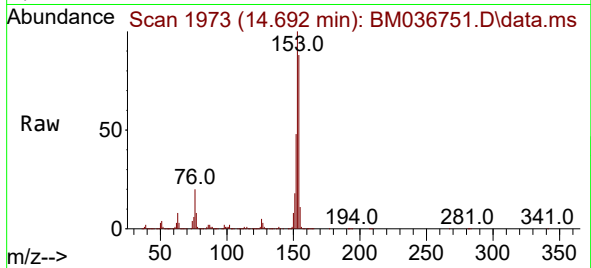




#52
Acenaphthene
Concen: 33.631 ng/ul
RT: 14.692 min Scan# 1973
Delta R.T. 0.000 min
Lab File: BM036751.D
Acq: 26 Sep 2022 18:43

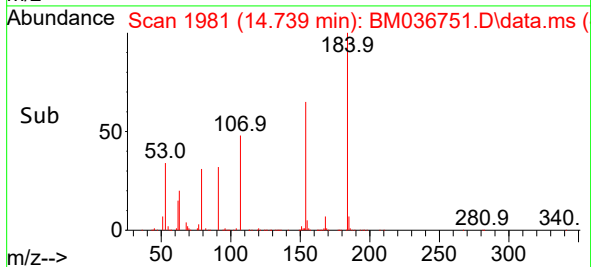
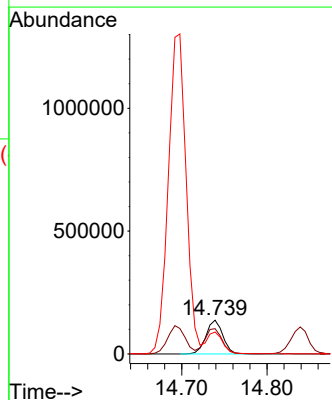
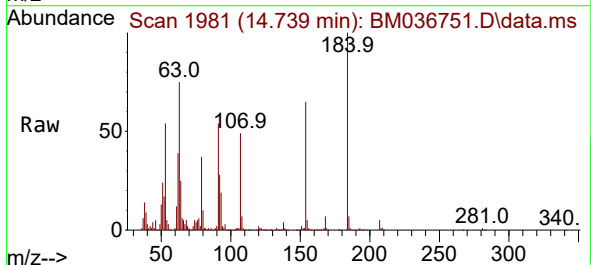
Instrument :
BNA_M
ClientSampleId :

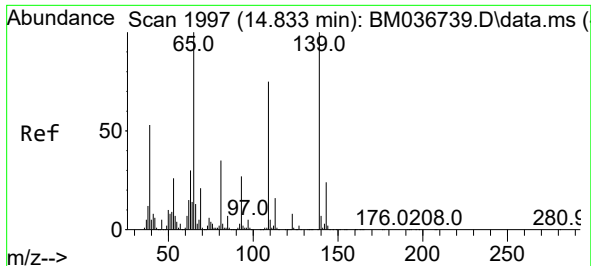
Tgt Ion:153 Resp: 2138166
Ion Ratio Lower Upper
153 100
152 47.9 38.2 57.2
154 87.5 71.0 106.6



#53
2,4-Dinitrophenol
Concen: 36.823 ng/ul
RT: 14.739 min Scan# 1981
Delta R.T. 0.006 min
Lab File: BM036751.D
Acq: 26 Sep 2022 18:43

Tgt Ion:184 Resp: 188800
Ion Ratio Lower Upper
184 100
63 74.9 58.8 88.2
154 65.1 55.0 82.4

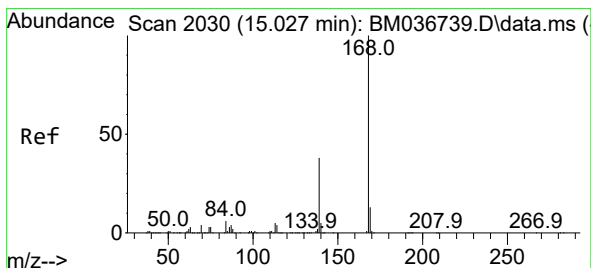
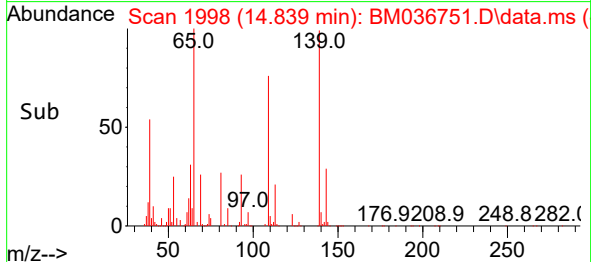
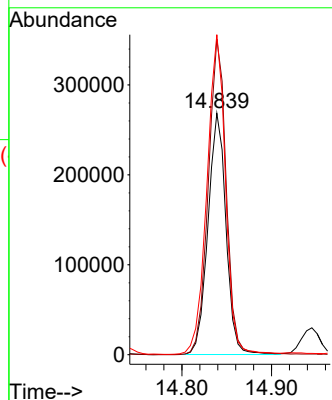
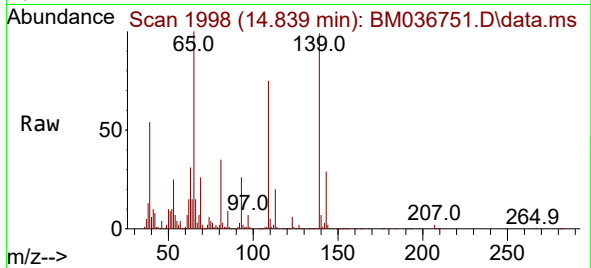




#55
4-Nitrophenol
Concen: 33.726 ng/ul
RT: 14.839 min Scan# 1997
Delta R.T. 0.006 min
Lab File: BM036751.D
Acq: 26 Sep 2022 18:43

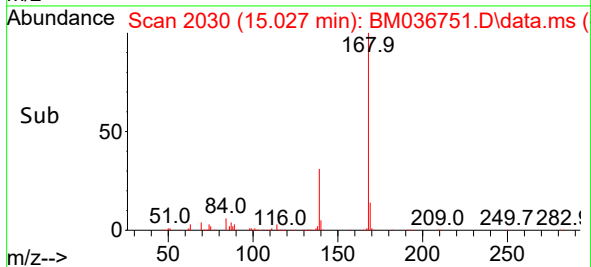
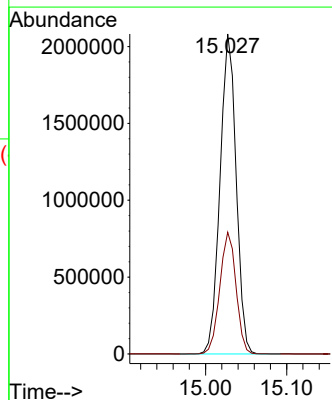
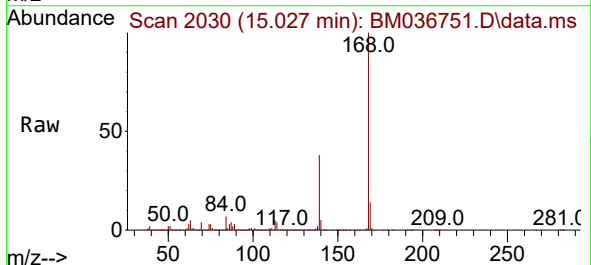
Instrument :
BNA_M
ClientSampleId :

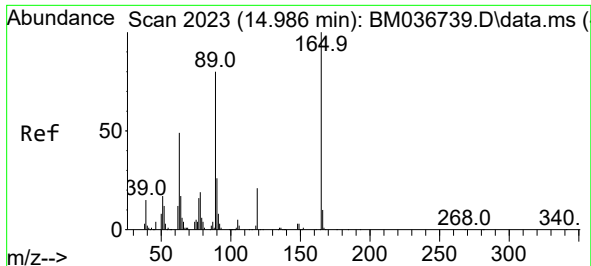
Tgt Ion:109 Resp: 374655
Ion Ratio Lower Upper
109 100
139 130.7 102.2 153.4
65 132.6 105.7 158.5



#56
Dibenzofuran
Concen: 33.686 ng/ul
RT: 15.027 min Scan# 2030
Delta R.T. 0.000 min
Lab File: BM036751.D
Acq: 26 Sep 2022 18:43

Tgt Ion:168 Resp: 2876170
Ion Ratio Lower Upper
168 100
139 38.1 29.7 44.5





#57

2,4-Dinitrotoluene

Concen: 40.697 ng/ul

RT: 14.992 min Scan# 20

Delta R.T. 0.006 min

Lab File: BM036751.D

Acq: 26 Sep 2022 18:43

Instrument :

BNA_M

ClientSampleId :

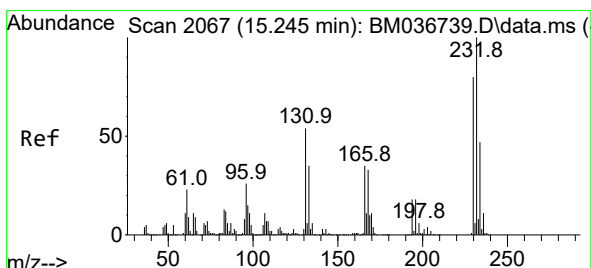
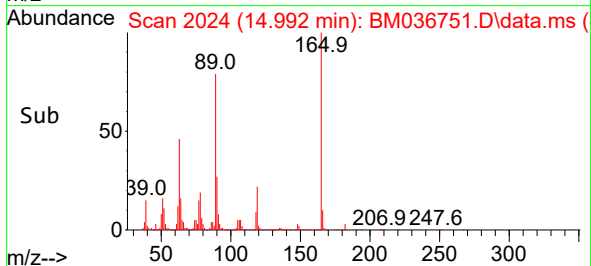
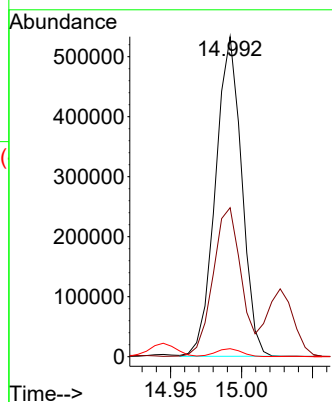
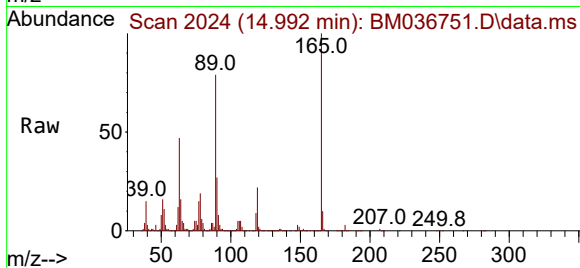
Tgt Ion:165 Resp: 683651

Ion Ratio Lower Upper

165 100

63 46.6 39.7 59.5

182 2.5 2.1 3.1



#58

2,3,4,6-Tetrachlorophenol

Concen: 35.282 ng/ul

RT: 15.251 min Scan# 2068

Delta R.T. 0.006 min

Lab File: BM036751.D

Acq: 26 Sep 2022 18:43

Tgt Ion:232 Resp: 545147

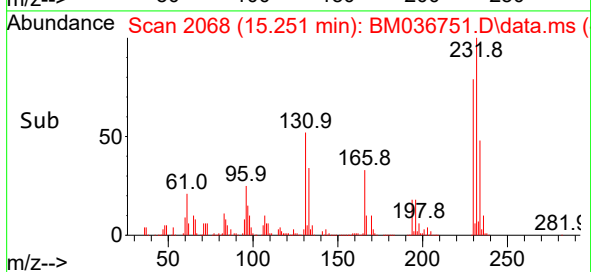
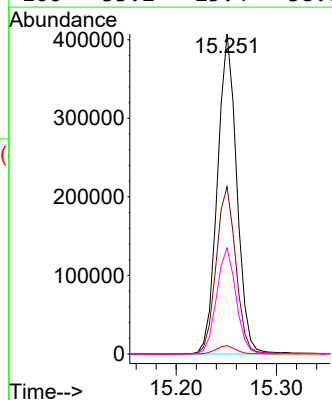
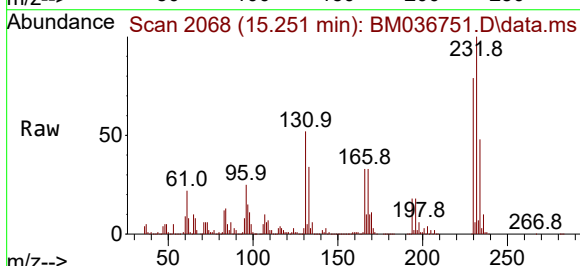
Ion Ratio Lower Upper

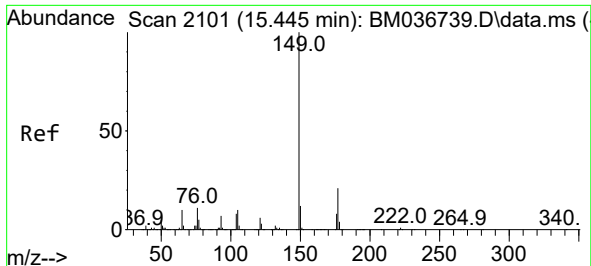
232 100

131 52.2 39.1 58.7

130 2.6 1.8 2.6

166 33.2 25.4 38.0

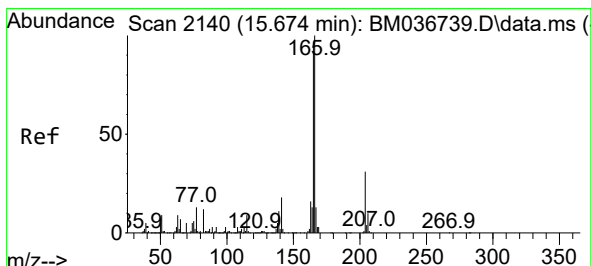
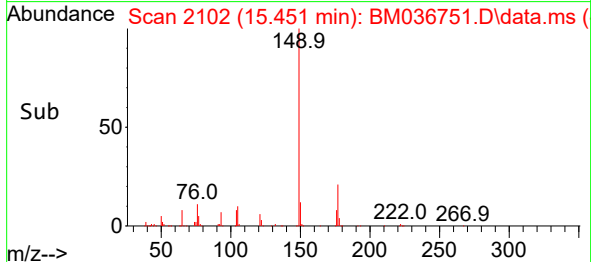
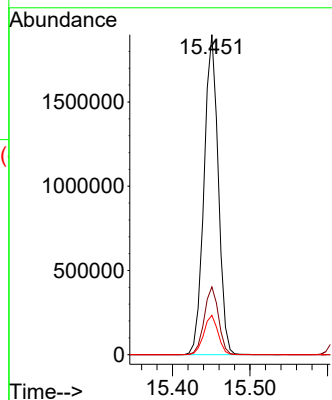
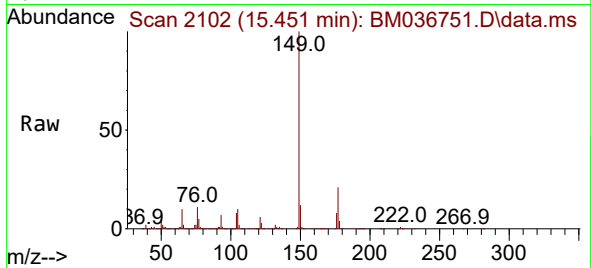




#59
Diethylphthalate
Concen: 33.937 ng/ul
RT: 15.451 min Scan# 2101
Delta R.T. 0.006 min
Lab File: BM036751.D
Acq: 26 Sep 2022 18:43

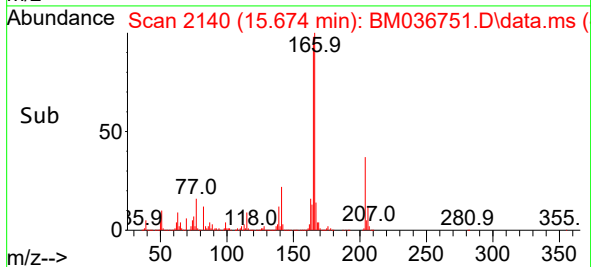
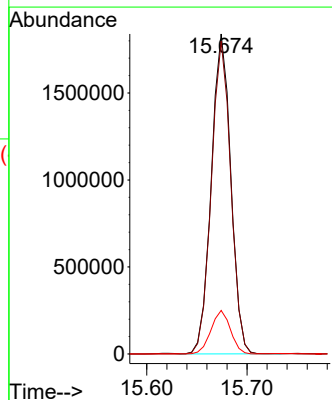
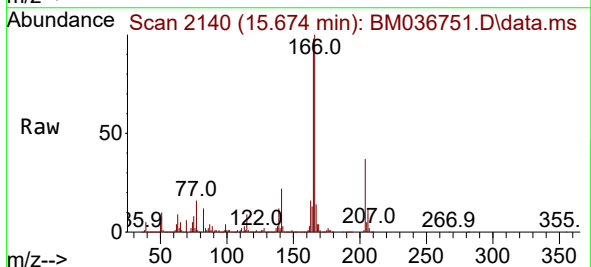
Instrument :
BNA_M
ClientSampleId :

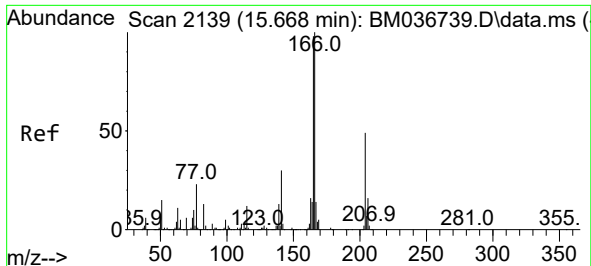
Tgt Ion:149 Resp: 2414552
Ion Ratio Lower Upper
149 100
177 21.2 17.3 25.9
150 12.3 10.1 15.1



#61
Fluorene
Concen: 34.188 ng/ul
RT: 15.674 min Scan# 2140
Delta R.T. 0.000 min
Lab File: BM036751.D
Acq: 26 Sep 2022 18:43

Tgt Ion:166 Resp: 2486114
Ion Ratio Lower Upper
166 100
165 97.8 78.5 117.7
167 13.6 10.4 15.6

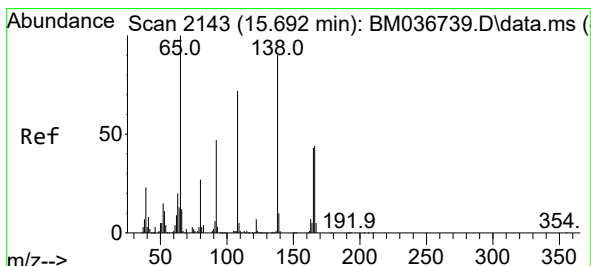
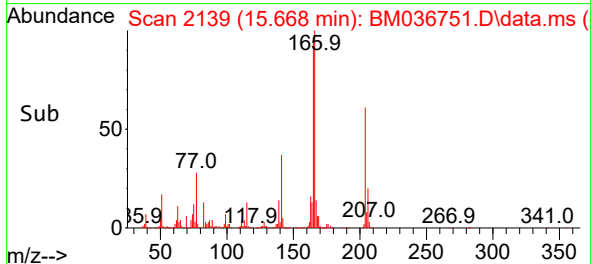
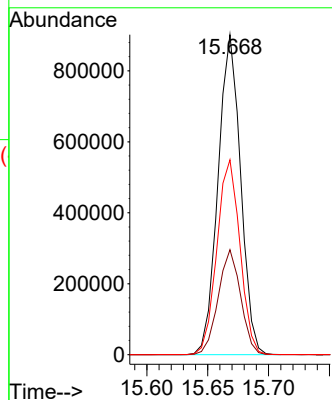
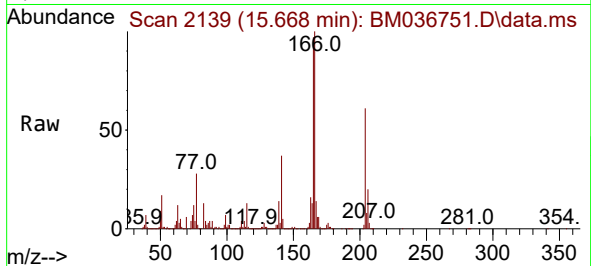




#62
4-Chlorophenyl-phenylether
Concen: 33.462 ng/ul
RT: 15.668 min Scan# 2139
Delta R.T. 0.000 min
Lab File: BM036751.D
Acq: 26 Sep 2022 18:43

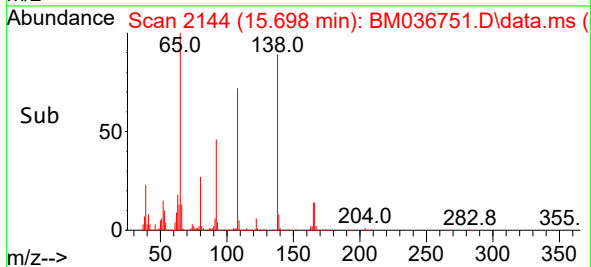
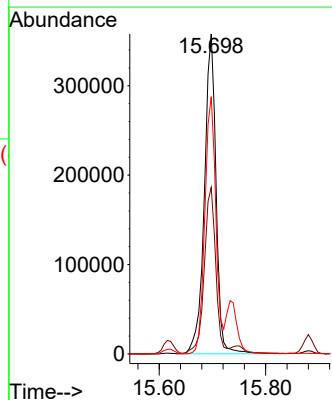
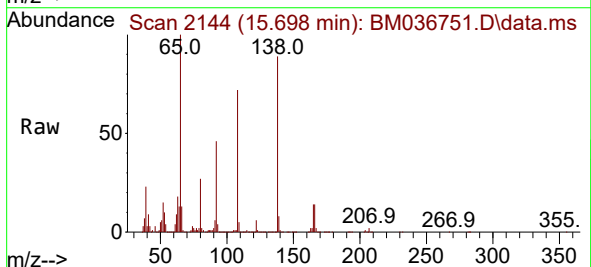
Instrument :
BNA_M
ClientSampleId :

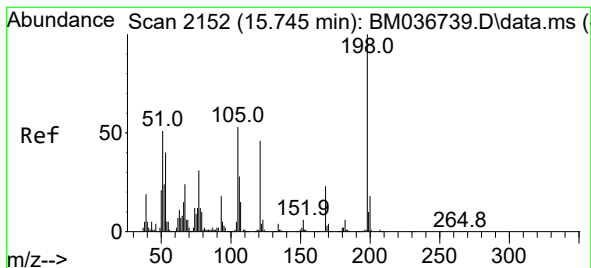
Tgt Ion:204 Resp: 1163699
Ion Ratio Lower Upper
204 100
206 32.8 25.7 38.5
141 60.9 49.4 74.0



#63
4-Nitroaniline
Concen: 40.368 ng/ul
RT: 15.698 min Scan# 2144
Delta R.T. 0.006 min
Lab File: BM036751.D
Acq: 26 Sep 2022 18:43

Tgt Ion:138 Resp: 543536
Ion Ratio Lower Upper
138 100
92 52.1 42.1 63.1
108 80.4 66.2 99.2

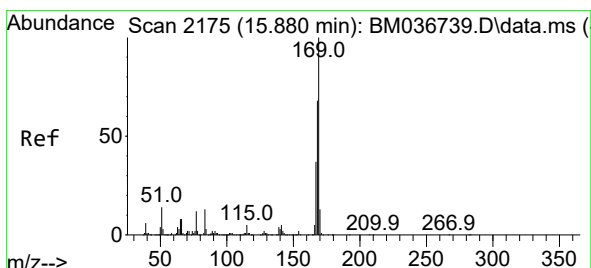
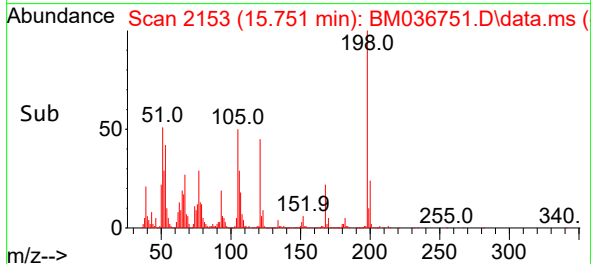
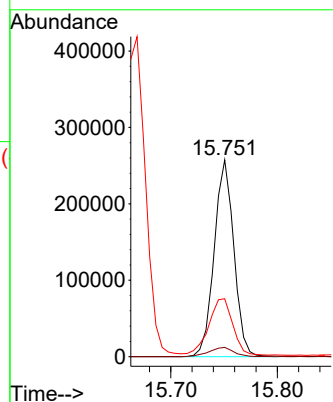
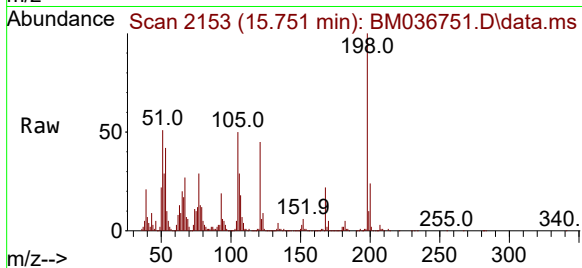




#66
 4,6-Dinitro-2-methylphenol
 Concen: 36.226 ng/ul
 RT: 15.751 min Scan# 2153
 Delta R.T. 0.006 min
 Lab File: BM036751.D
 Acq: 26 Sep 2022 18:43

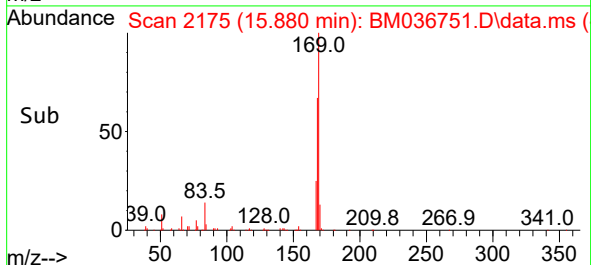
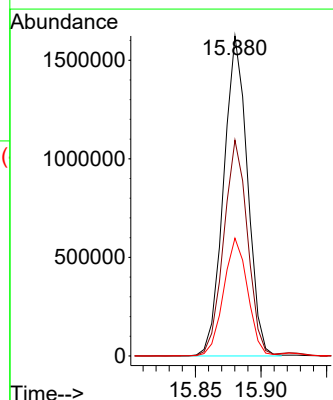
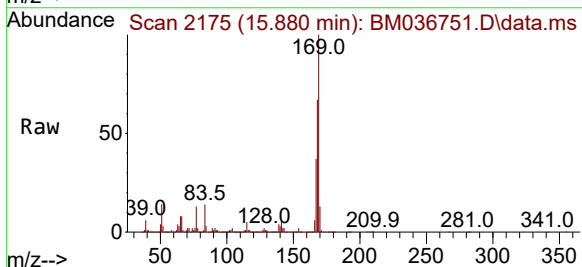
Instrument :
 BNA_M
 ClientSampleId :

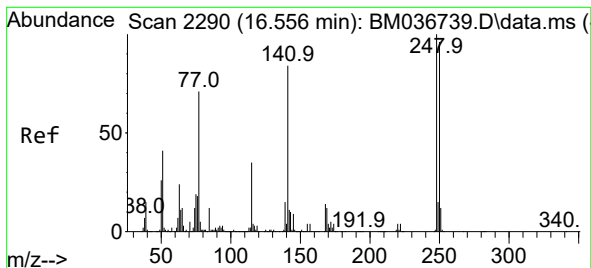
Tgt Ion:198 Resp: 330343
 Ion Ratio Lower Upper
 198 100
 182 4.8 4.2 6.2
 77 29.4 24.0 36.0



#67
 N-Nitrosodiphenylamine
 Concen: 34.039 ng/ul
 RT: 15.880 min Scan# 2175
 Delta R.T. 0.000 min
 Lab File: BM036751.D
 Acq: 26 Sep 2022 18:43

Tgt Ion:169 Resp: 2047671
 Ion Ratio Lower Upper
 169 100
 168 67.5 54.6 81.8
 167 36.8 29.6 44.4

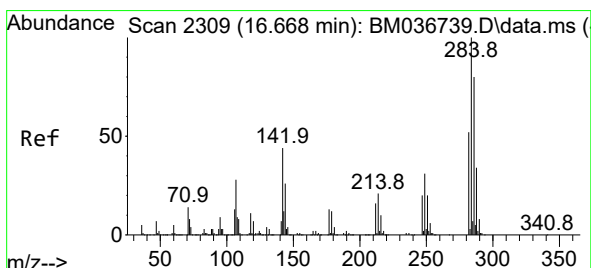
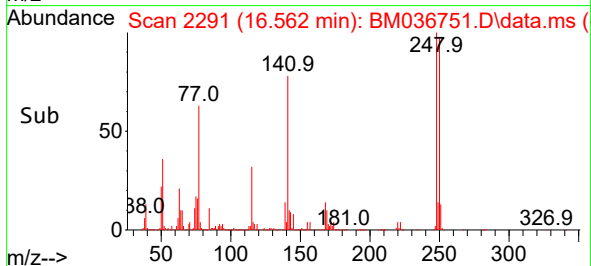
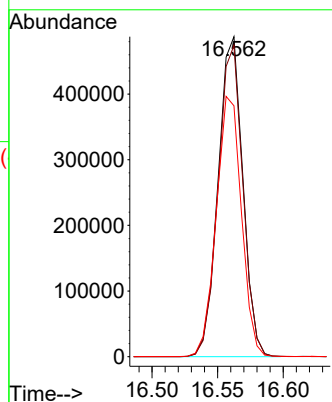
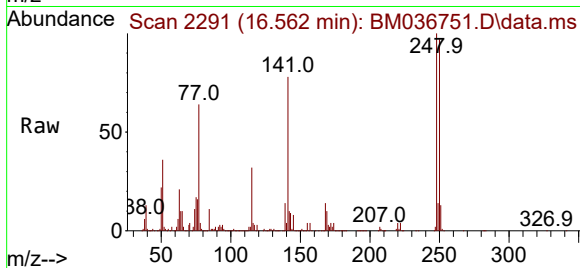




#68
4-Bromophenyl-phenylether
Concen: 31.745 ng/ul
RT: 16.562 min Scan# 2110
Delta R.T. 0.006 min
Lab File: BM036751.D
Acq: 26 Sep 2022 18:43

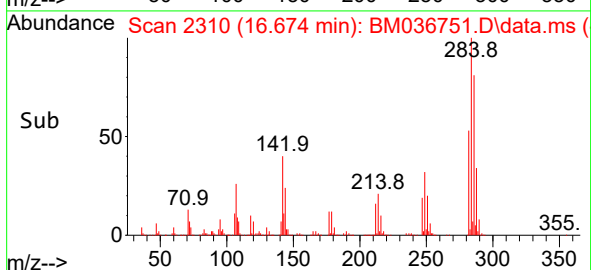
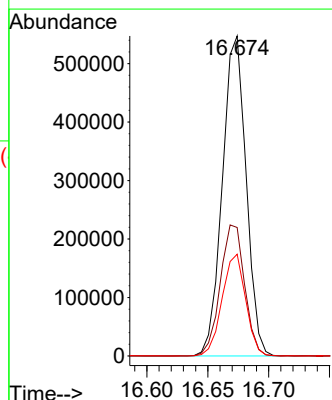
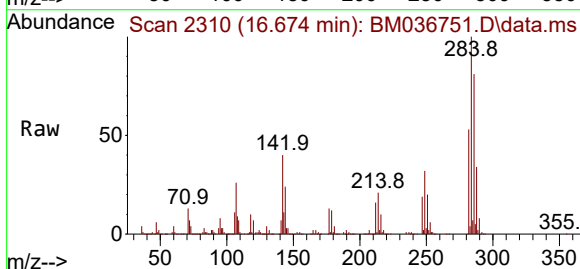
Instrument :
BNA_M
ClientSampleId :

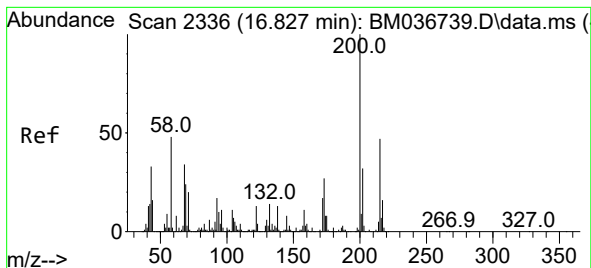
Tgt Ion:248 Resp: 639077
Ion Ratio Lower Upper
248 100
250 97.3 78.9 118.3
141 78.4 65.7 98.5



#69
Hexachlorobenzene
Concen: 31.249 ng/ul
RT: 16.674 min Scan# 2310
Delta R.T. 0.006 min
Lab File: BM036751.D
Acq: 26 Sep 2022 18:43

Tgt Ion:284 Resp: 744089
Ion Ratio Lower Upper
284 100
142 40.1 30.8 46.2
249 31.8 24.2 36.2





#70

Atrazine

Concen: 31.989 ng/ul

RT: 16.833 min Scan# 21

Delta R.T. 0.006 min

Lab File: BM036751.D

Acq: 26 Sep 2022 18:43

Instrument :

BNA_M

ClientSampleId :

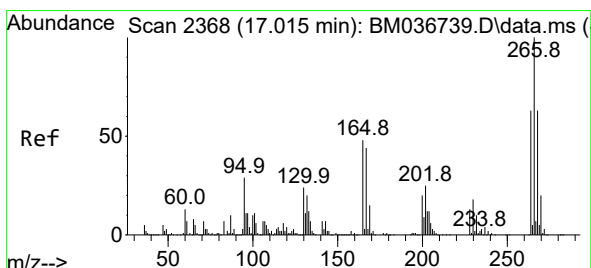
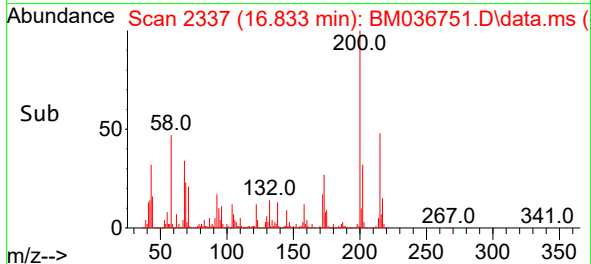
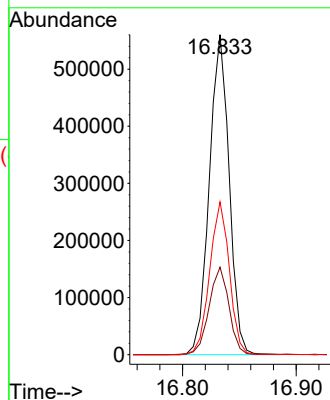
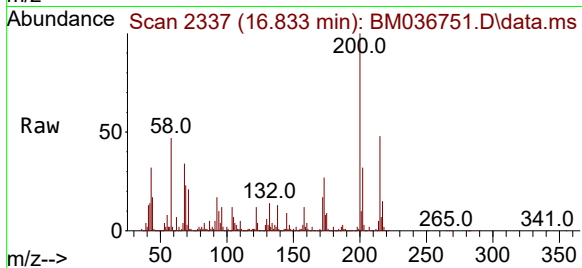
Tgt Ion:200 Resp: 679065

Ion Ratio Lower Upper

200 100

173 27.3 21.8 32.6

215 47.7 39.4 59.2



#71

Pentachlorophenol

Concen: 31.309 ng/ul

RT: 17.015 min Scan# 2368

Delta R.T. 0.000 min

Lab File: BM036751.D

Acq: 26 Sep 2022 18:43

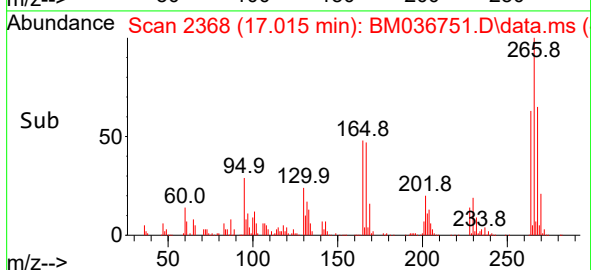
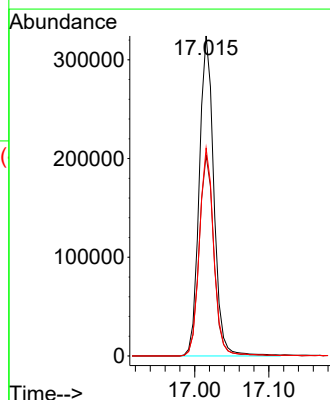
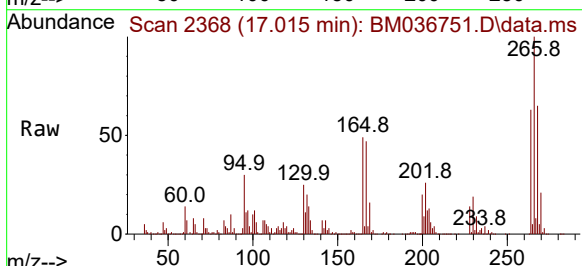
Tgt Ion:266 Resp: 442836

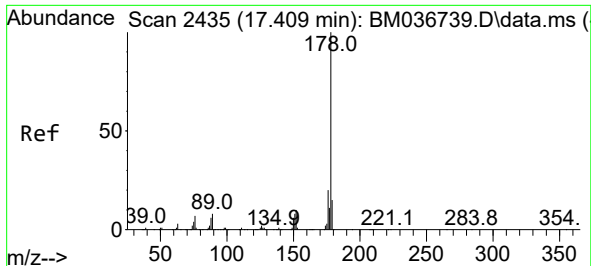
Ion Ratio Lower Upper

266 100

264 62.8 49.7 74.5

268 65.0 51.8 77.6

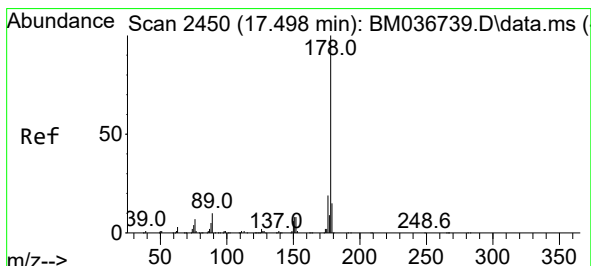
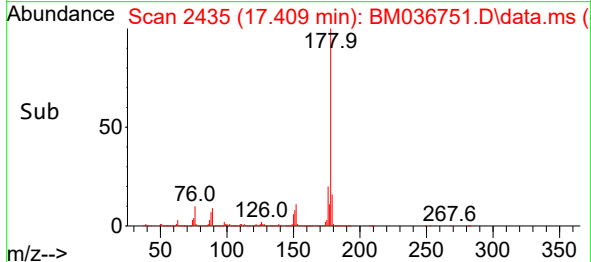
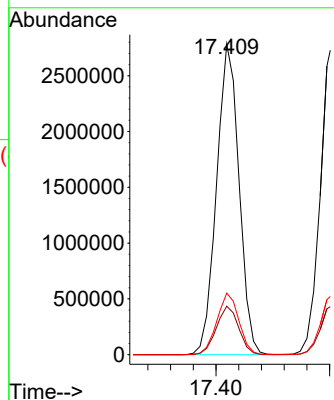
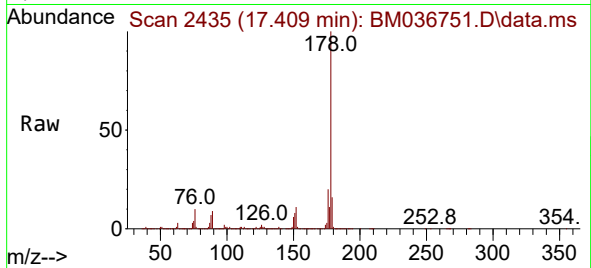




#72
Phenanthrene
Concen: 33.979 ng/ul
RT: 17.409 min Scan# 2435
Delta R.T. 0.000 min
Lab File: BM036751.D
Acq: 26 Sep 2022 18:43

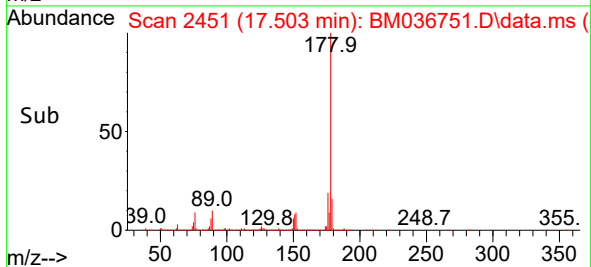
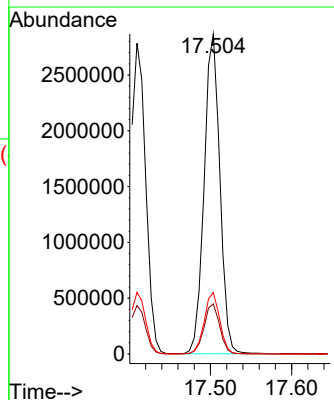
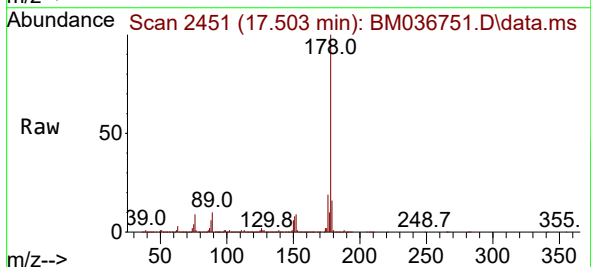
Instrument :
BNA_M
ClientSampleId :

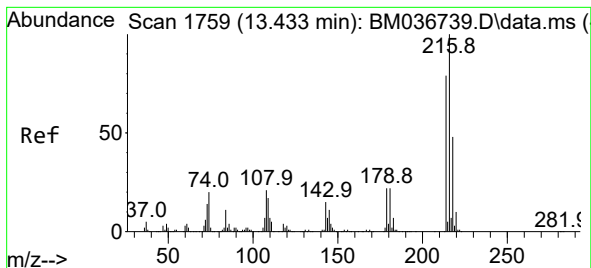
Tgt Ion:178 Resp: 3822736
Ion Ratio Lower Upper
178 100
179 15.6 12.2 18.2
176 19.8 15.7 23.5



#74
Anthracene
Concen: 33.682 ng/ul
RT: 17.503 min Scan# 2451
Delta R.T. 0.006 min
Lab File: BM036751.D
Acq: 26 Sep 2022 18:43

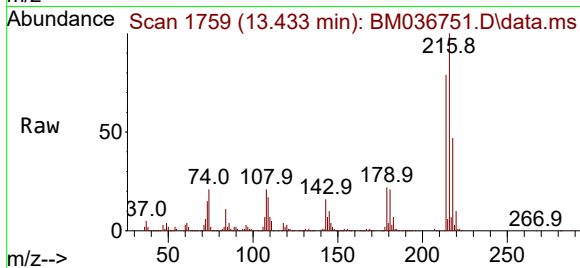
Tgt Ion:178 Resp: 3851583
Ion Ratio Lower Upper
178 100
179 15.6 12.3 18.5
176 19.2 15.0 22.6



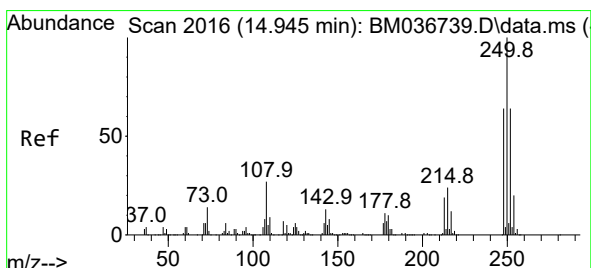
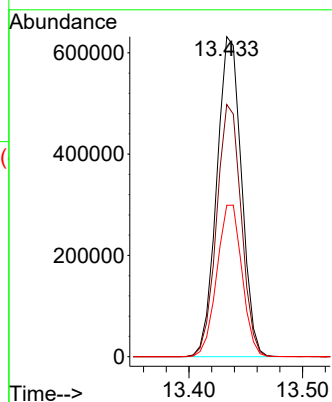
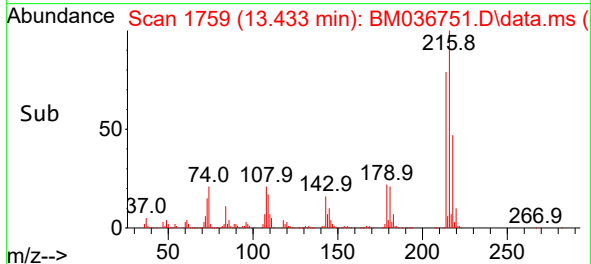


#75
1,2,3,4-Tetrachlorobenzene
Concen: 34.230 ng/uL
RT: 13.433 min Scan# 1759
Delta R.T. 0.000 min
Lab File: BM036751.D
Acq: 26 Sep 2022 18:43

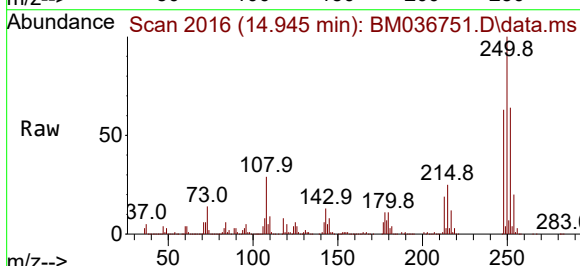
Instrument :
BNA_M
ClientSampleId :



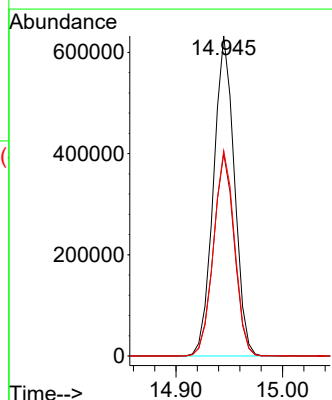
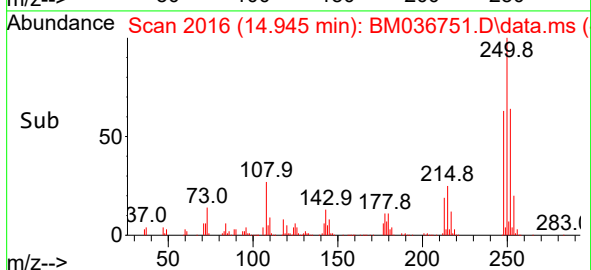
Tgt Ion:216 Resp: 956233
Ion Ratio Lower Upper
216 100
214 78.8 62.6 94.0
218 47.3 38.2 57.2

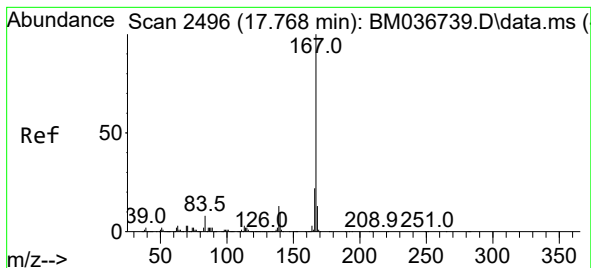


#76
Pentachlorobenzene
Concen: 28.479 ng/uL
RT: 14.945 min Scan# 2016
Delta R.T. 0.000 min
Lab File: BM036751.D
Acq: 26 Sep 2022 18:43



Tgt Ion:250 Resp: 860483
Ion Ratio Lower Upper
250 100
248 63.2 50.2 75.2
252 64.1 50.5 75.7





#77

Carbazole

Concen: 33.379 ng/ul

RT: 17.768 min Scan# 2496

Delta R.T. 0.000 min

Lab File: BM036751.D

Acq: 26 Sep 2022 18:43

Instrument :

BNA_M

ClientSampleId :

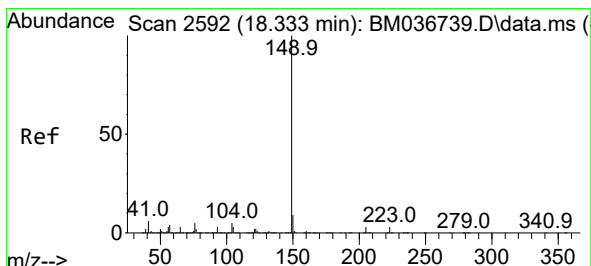
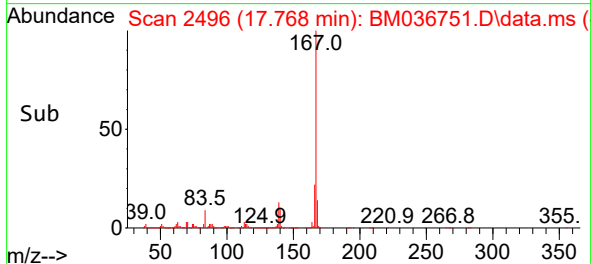
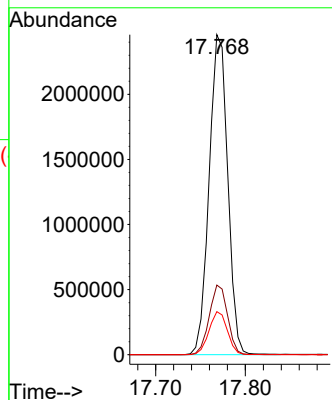
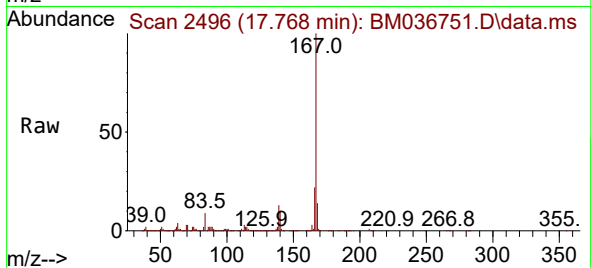
Tgt Ion:167 Resp: 3533981

Ion Ratio Lower Upper

167 100

166 21.8 17.2 25.8

139 13.5 10.6 15.8



#78

Di-n-butylphthalate

Concen: 35.145 ng/ul

RT: 18.333 min Scan# 2592

Delta R.T. 0.000 min

Lab File: BM036751.D

Acq: 26 Sep 2022 18:43

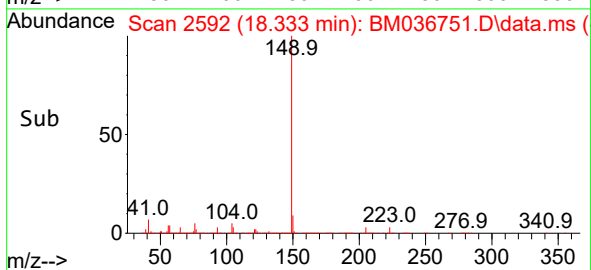
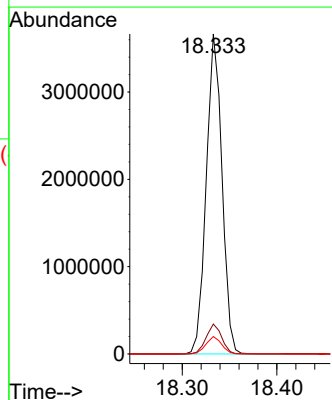
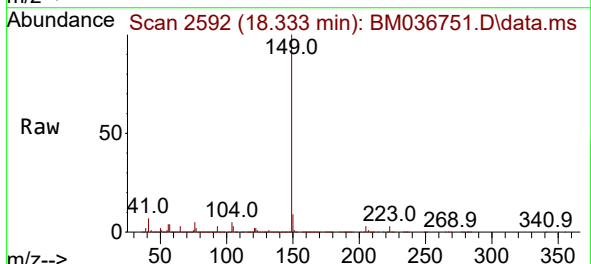
Tgt Ion:149 Resp: 4217368

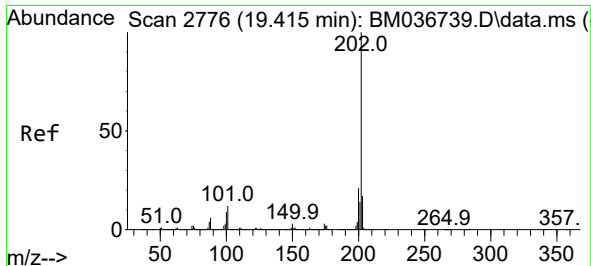
Ion Ratio Lower Upper

149 100

150 9.4 7.2 10.8

104 5.5 4.3 6.5

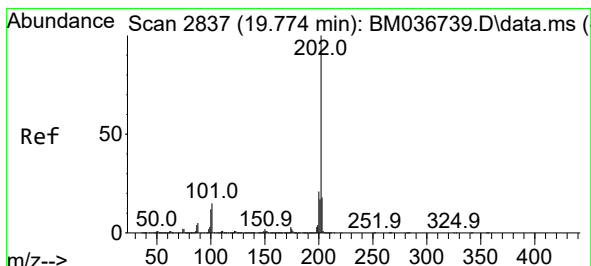
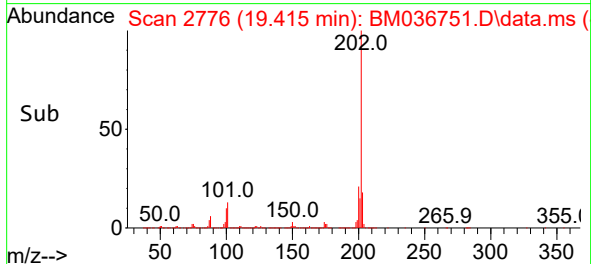
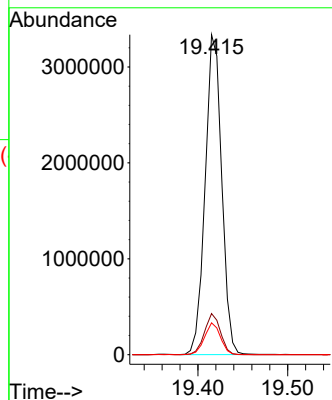
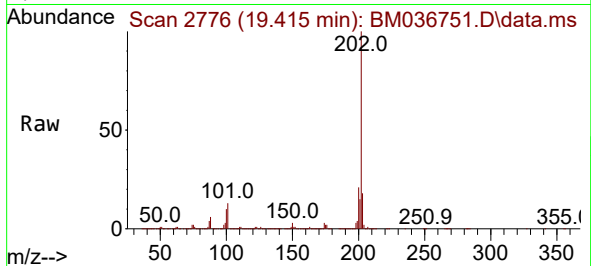




#80
Fluoranthene
Concen: 37.908 ng/ul
RT: 19.415 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM036751.D
Acq: 26 Sep 2022 18:43

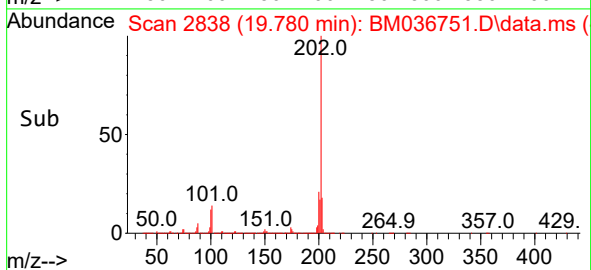
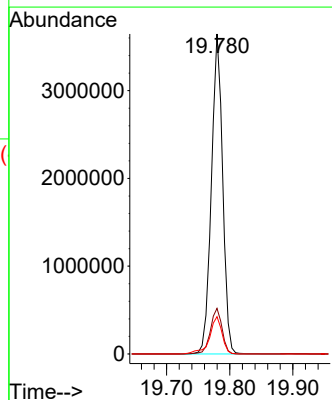
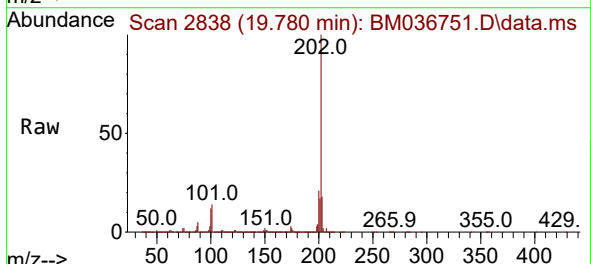
Instrument :
BNA_M
ClientSampleId :

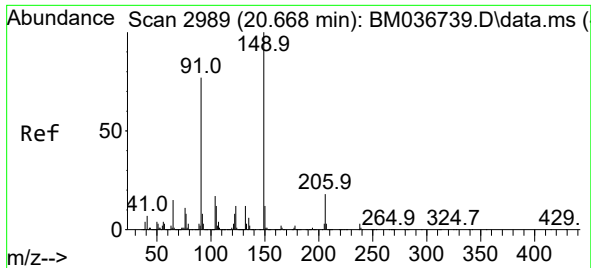
Tgt Ion:202 Resp: 4276864
Ion Ratio Lower Upper
202 100
101 12.9 9.8 14.6
100 9.9 7.4 11.2



#82
Pyrene
Concen: 37.801 ng/ul
RT: 19.780 min Scan# 2838
Delta R.T. 0.006 min
Lab File: BM036751.D
Acq: 26 Sep 2022 18:43

Tgt Ion:202 Resp: 4514430
Ion Ratio Lower Upper
202 100
101 14.3 10.9 16.3
100 11.7 8.7 13.1

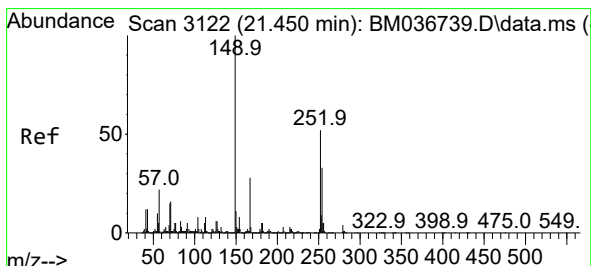
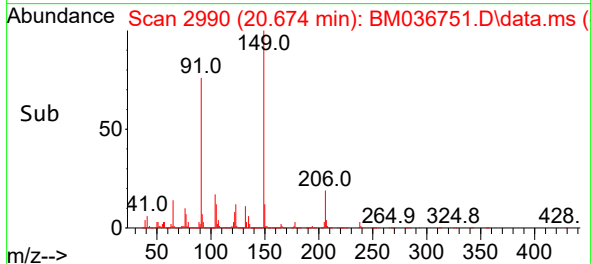
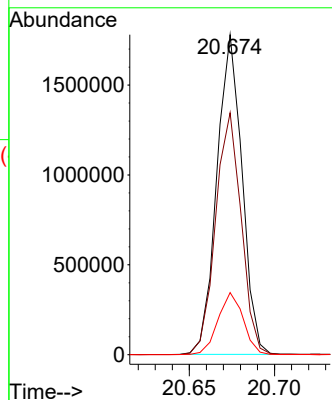
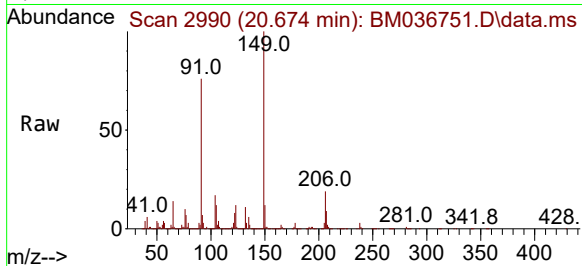




#83
Butylbenzylphthalate
Concen: 40.445 ng/ul
RT: 20.674 min Scan# 2989
Delta R.T. 0.006 min
Lab File: BM036751.D
Acq: 26 Sep 2022 18:43

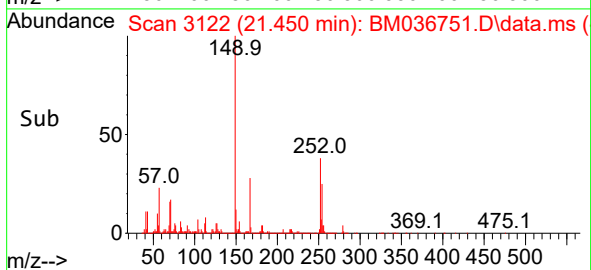
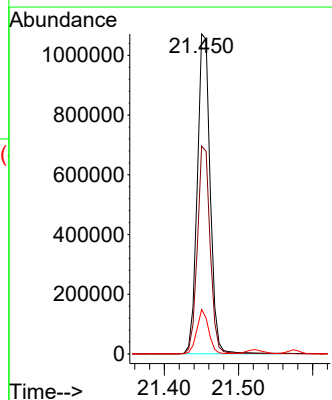
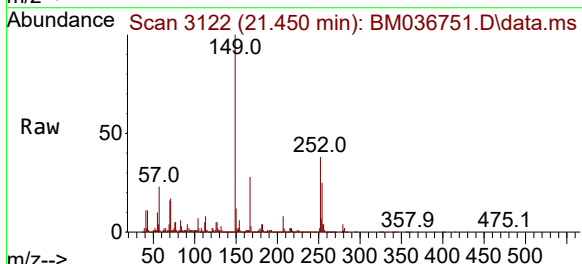
Instrument :
BNA_M
ClientSampleId :

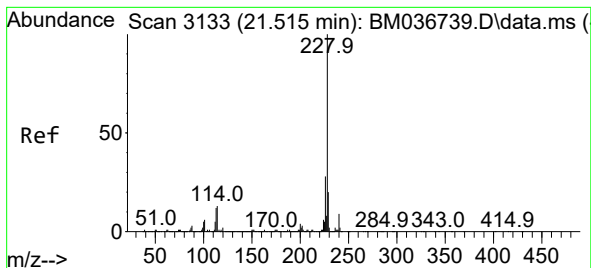
Tgt Ion:149 Resp: 1830275
Ion Ratio Lower Upper
149 100
91 75.6 55.2 82.8
206 19.4 16.2 24.2



#84
3,3'-Dichlorobenzidine
Concen: 35.261 ng/ul
RT: 21.450 min Scan# 3122
Delta R.T. 0.000 min
Lab File: BM036751.D
Acq: 26 Sep 2022 18:43

Tgt Ion:252 Resp: 1289411
Ion Ratio Lower Upper
252 100
254 65.0 53.0 79.4
126 13.9 10.4 15.6





#85

Benzo(a)anthracene

Concen: 34.332 ng/ul

RT: 21.521 min Scan# 3134

Delta R.T. 0.006 min

Lab File: BM036751.D

Acq: 26 Sep 2022 18:43

Instrument :

BNA_M

ClientSampleId :

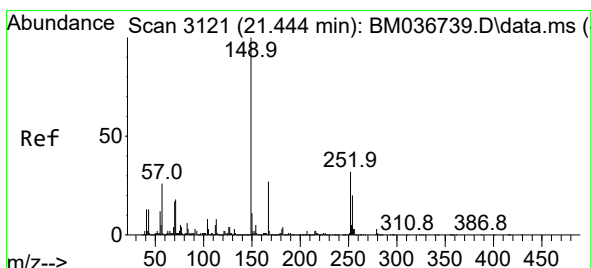
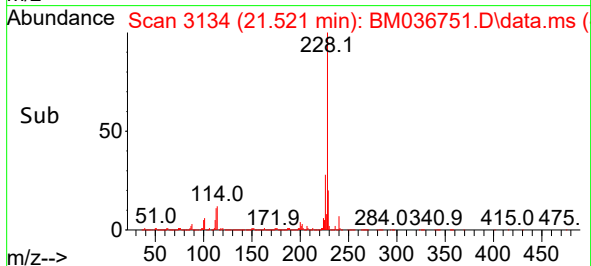
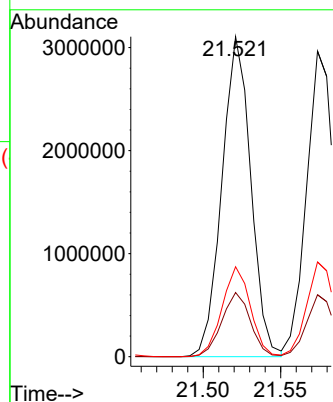
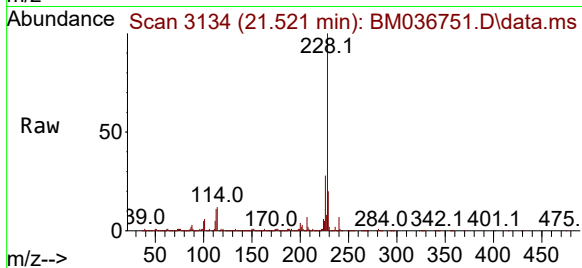
Tgt Ion:228 Resp: 4025745

Ion Ratio Lower Upper

228 100

229 20.1 15.8 23.8

226 28.1 21.9 32.9



#86

Bis(2-ethylhexyl)phthalate

Concen: 43.246 ng/ul

RT: 21.450 min Scan# 3122

Delta R.T. 0.006 min

Lab File: BM036751.D

Acq: 26 Sep 2022 18:43

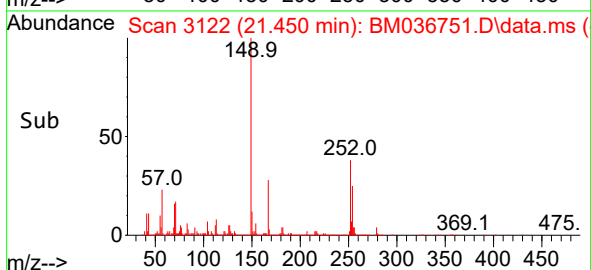
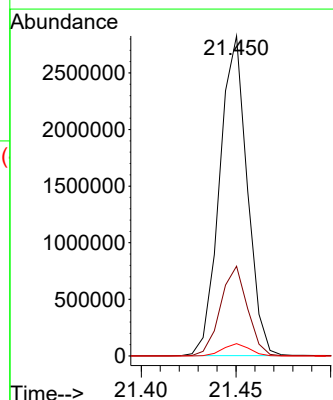
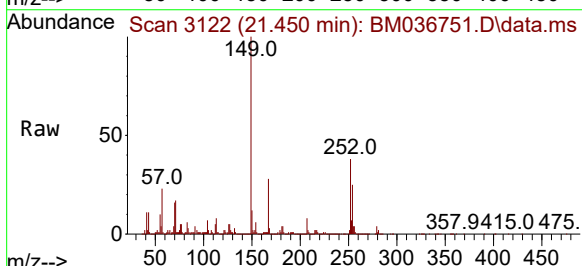
Tgt Ion:149 Resp: 2858756

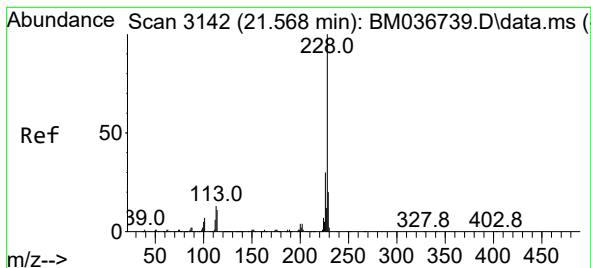
Ion Ratio Lower Upper

149 100

167 28.0 22.0 33.0

279 3.9 3.3 4.9





#87

Chrysene

Concen: 33.322 ng/ul

RT: 21.574 min Scan# 3143

Delta R.T. 0.006 min

Lab File: BM036751.D

Acq: 26 Sep 2022 18:43

Instrument :

BNA_M

ClientSampleId :

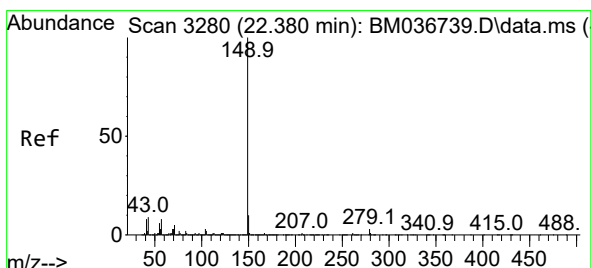
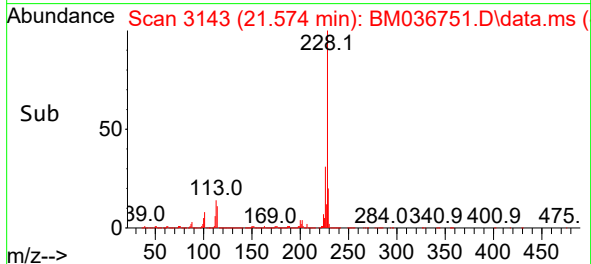
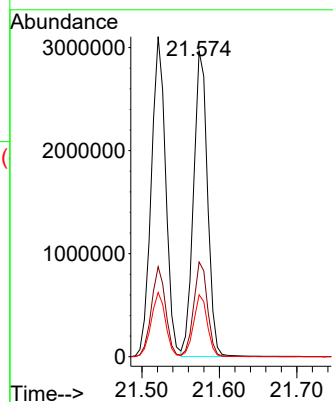
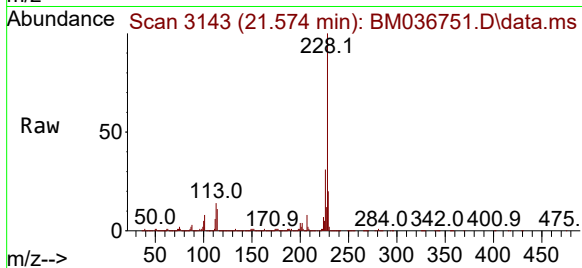
Tgt Ion:228 Resp: 3708704

Ion Ratio Lower Upper

228 100

226 31.0 24.4 36.6

229 20.3 15.6 23.4



#89

Di-n-octyl phthalate

Concen: 47.477 ng/ul

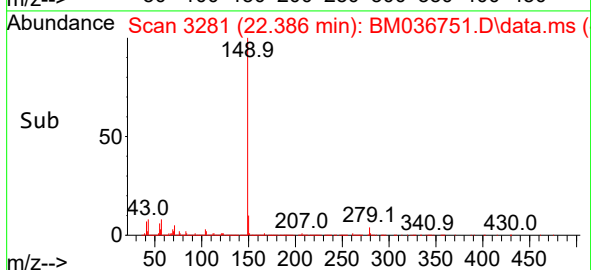
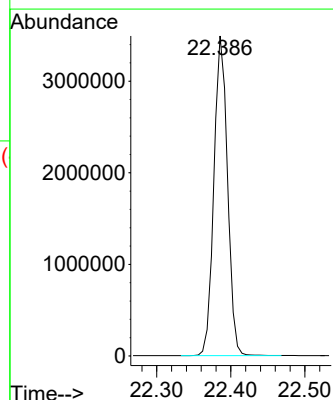
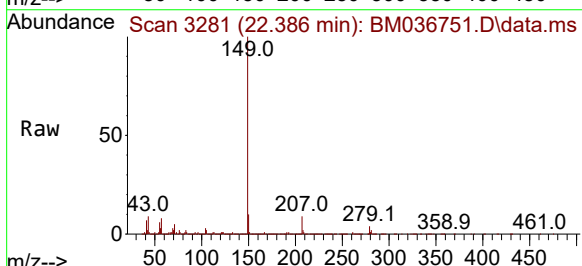
RT: 22.386 min Scan# 3281

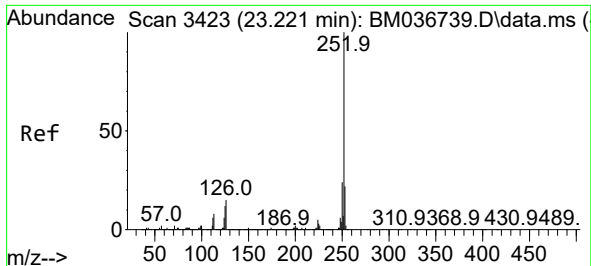
Delta R.T. 0.006 min

Lab File: BM036751.D

Acq: 26 Sep 2022 18:43

Tgt Ion:149 Resp: 4444384

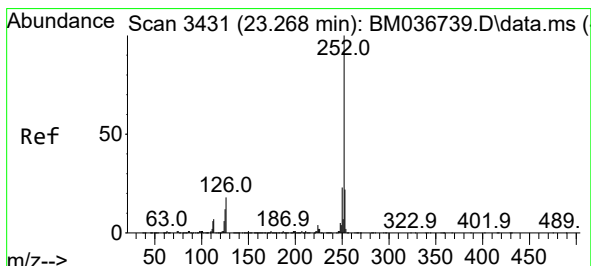
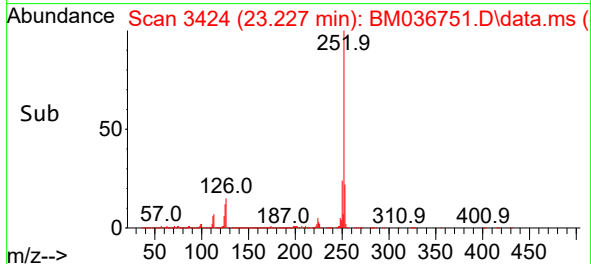
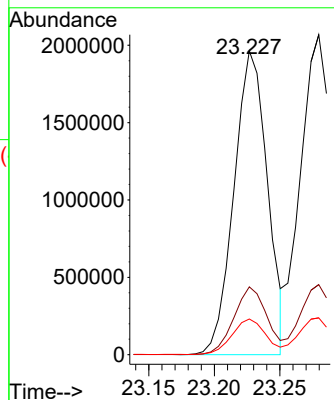
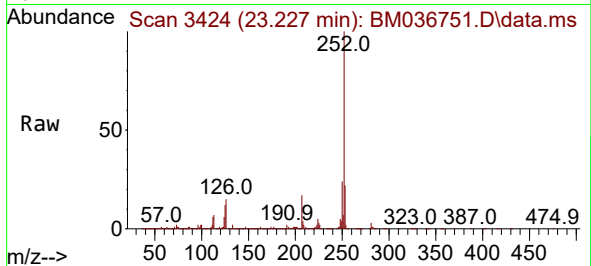




#90
Benzo(b)fluoranthene
Concen: 35.339 ng/ul
RT: 23.227 min Scan# 3423
Delta R.T. 0.006 min
Lab File: BM036751.D
Acq: 26 Sep 2022 18:43

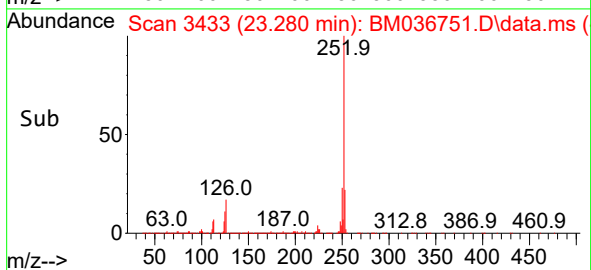
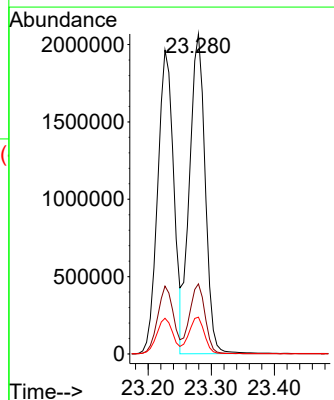
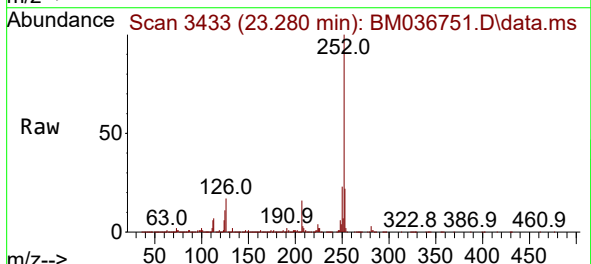
Instrument :
BNA_M
ClientSampleId :

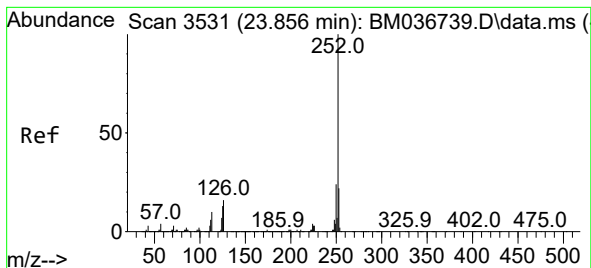
Tgt Ion:252 Resp: 3479699
Ion Ratio Lower Upper
252 100
253 22.3 17.6 26.4
125 11.7 9.1 13.7



#91
Benzo(k)fluoranthene
Concen: 36.010 ng/ul
RT: 23.280 min Scan# 3433
Delta R.T. 0.012 min
Lab File: BM036751.D
Acq: 26 Sep 2022 18:43

Tgt Ion:252 Resp: 3542952
Ion Ratio Lower Upper
252 100
253 21.9 17.8 26.8
125 11.5 8.2 12.4





#93

Benzo(a)pyrene

Concen: 34.361 ng/ul

RT: 23.868 min Scan# 3

Delta R.T. 0.012 min

Lab File: BM036751.D

Acq: 26 Sep 2022 18:43

Instrument :

BNA_M

ClientSampleId :

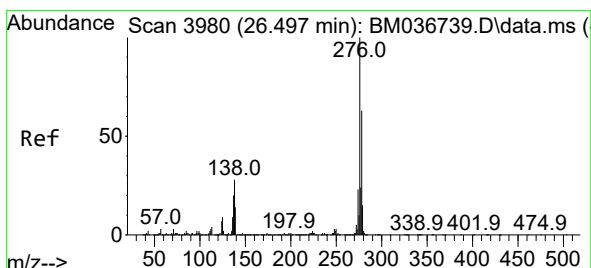
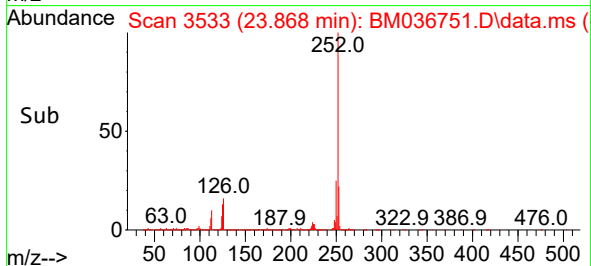
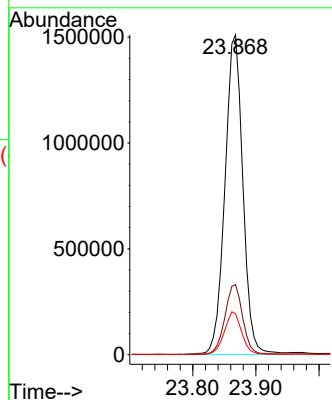
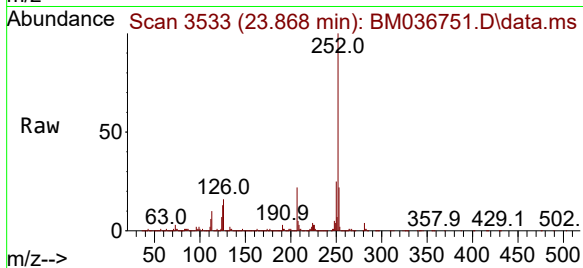
Tgt Ion:252 Resp: 2974305

Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

125 12.8 9.5 14.3



#94

Indeno(1,2,3-cd)pyrene

Concen: 31.352 ng/ul

RT: 26.509 min Scan# 3982

Delta R.T. 0.012 min

Lab File: BM036751.D

Acq: 26 Sep 2022 18:43

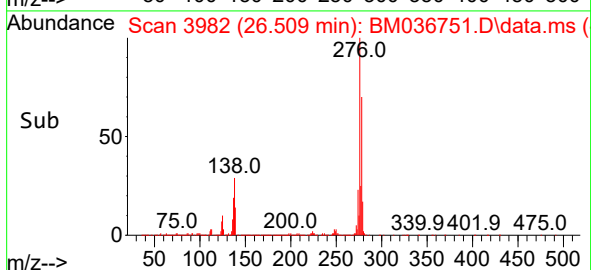
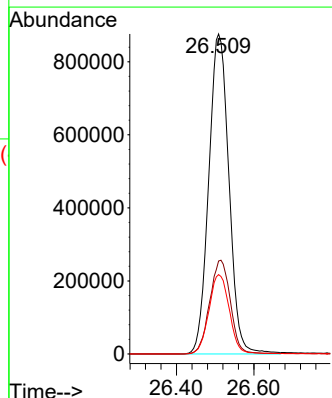
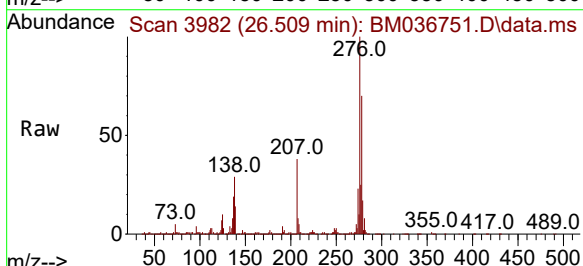
Tgt Ion:276 Resp: 3169186

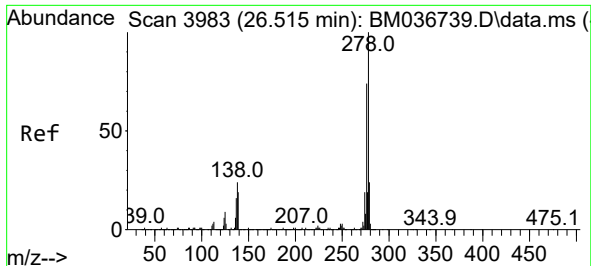
Ion Ratio Lower Upper

276 100

138 29.0 20.2 30.4

277 24.8 19.7 29.5

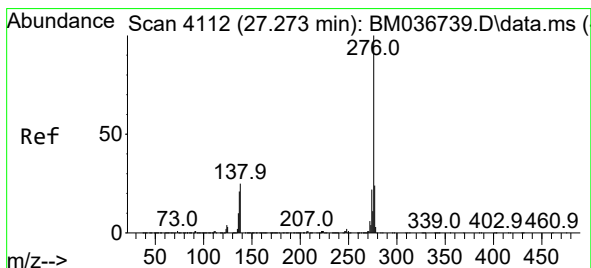
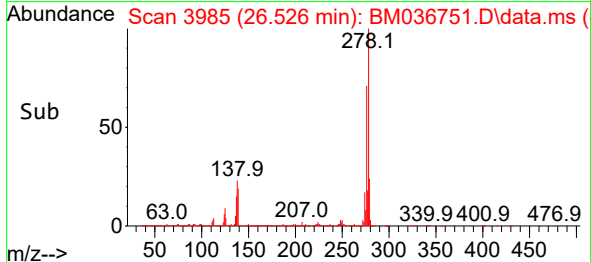
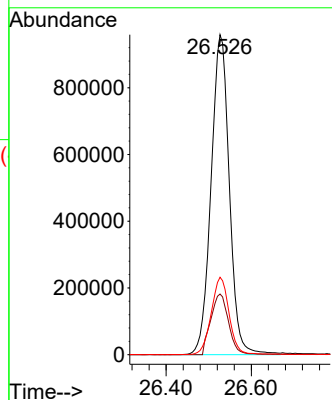
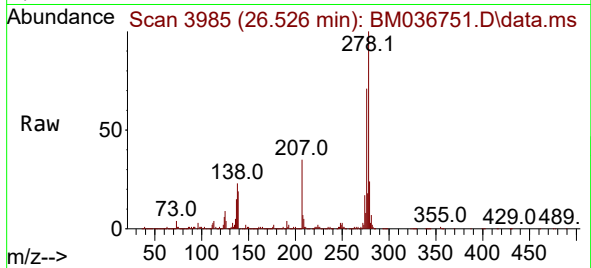




#95
 Dibenzo(a,h)anthracene
 Concen: 31.132 ng/ul
 RT: 26.526 min Scan# 3985
 Delta R.T. 0.012 min
 Lab File: BM036751.D
 Acq: 26 Sep 2022 18:43

Instrument :
 BNA_M
 ClientSampleId :

Tgt Ion:278 Resp: 2854010
 Ion Ratio Lower Upper
 278 100
 139 19.0 14.5 21.7
 279 24.2 19.7 29.5



#96
 Benzo(g,h,i)perylene
 Concen: 31.228 ng/ul
 RT: 27.291 min Scan# 4115
 Delta R.T. 0.018 min
 Lab File: BM036751.D
 Acq: 26 Sep 2022 18:43

Tgt Ion:276 Resp: 2736586
 Ion Ratio Lower Upper
 276 100
 138 25.5 18.7 28.1
 277 24.0 19.2 28.8

