

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092622\
 Data File : BM036756.D
 Acq On : 26 Sep 2022 21:49
 Operator : CG/JU
 Sample : N4748-10MS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Sep 26 23:16:44 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	381034	20.000	ng/ul	0.00
20) Naphthalene-d8	10.816	136	1617558	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.627	164	974512	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.368	188	1925358	20.000	ng/ul	0.00
79) Chrysene-d12	21.539	240	1595059	20.000	ng/ul	0.00
88) Perylene-d12	23.968	264	1265048	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	54070	5.320	ng/uL	0.00
4) Pyridine-d5	3.816	84	255442	8.617	ng/ul	0.00
7) Phenol-d5	7.157	99	260100	7.639	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.328	67	718974	34.768	ng/ul	0.00
11) 2-Chlorophenol-d4	7.528	132	703250	28.686	ng/ul	0.00
15) 4-Methylphenol-d8	8.716	113	465713	18.510	ng/ul	0.00
21) Nitrobenzene-d5	9.169	128	463590	42.343	ng/ul	0.00
24) 2-Nitrophenol-d4	9.892	143	434253	44.281	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.434	165	783120	34.457	ng/ul	0.00
31) 4-Chloroaniline-d4	10.951	131	1003849	26.566	ng/ul	0.00
46) Dimethylphthalate-d6	14.045	166	2761536	42.016	ng/ul	0.00
49) Acenaphthylene-d8	14.327	160	3129597	40.143	ng/ul	0.00
54) 4-Nitrophenol-d4	14.821	143	113129	8.874	ng/ul	0.00
60) Fluorene-d10	15.616	176	2396103	40.681	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.733	200	384736	50.506	ng/ul	0.00
73) Anthracene-d10	17.468	188	3800616	43.173	ng/ul	0.00
81) Pyrene-d10	19.751	212	4238558	54.015	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.815	264	2873608	46.495	ng/ul	0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.422	88	52510	4.796	ng/uL	95
5) Pyridine	3.834	79	296412	9.953	ng/ul	98
6) Benzaldehyde	7.140	77	746006	45.243	ng/ul	96
8) Phenol	7.187	94	289114	7.911	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.422	93	934591	32.868	ng/ul	99
12) 2-Chlorophenol	7.563	128	714560	26.945	ng/ul	100
13) 2-Methylphenol	8.445	108	532617	19.828	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.540	45	1108515	32.892	ng/ul	99
16) Acetophenone	8.834	105	1453498	33.306	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.822	70	721629	34.269	ng/ul	95
18) 4-Methylphenol	8.775	108	506189	17.426	ng/ul	100
19) Hexachloroethane	9.087	117	350869	32.665	ng/ul	99
22) Nitrobenzene	9.216	77	1102522	37.928	ng/ul	99
23) Isophorone	9.745	82	2023822	34.146	ng/ul	100
25) 2-Nitrophenol	9.928	139	460961	38.056	ng/ul	99
26) 2,4-Dimethylphenol	9.986	107	713831	23.894	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.222	93	1228372	34.771	ng/ul	99
29) 2,4-Dichlorophenol	10.457	162	770663	32.255	ng/ul	99
30) Naphthalene	10.863	128	3013602	34.199	ng/ul	100
32) 4-Chloroaniline	10.975	127	1041691	26.702	ng/ul	99
33) Hexachlorobutadiene	11.151	225	468467	32.058	ng/ul	99
34) Caprolactam	11.775	113	33552	4.329	ng/ul	97
35) 4-Chloro-3-methylphenol	12.086	107	789378	29.930	ng/ul	98
36) 2-Methylnaphthalene	12.469	142	2021683	34.435	ng/ul	100

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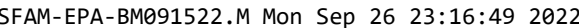
Instrument :
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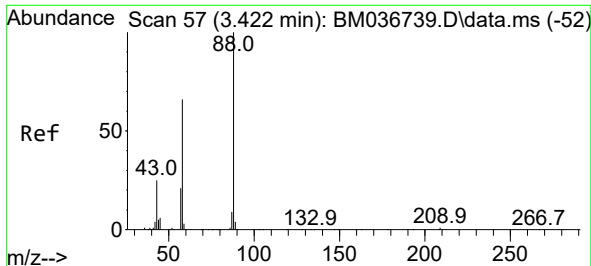
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.686	142	2048296	34.704	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.827	216	964391	34.964	ng/ul	99
40) Hexachlorocyclopentadiene	12.810	237	348706	24.259	ng/ul	99
41) 2,4,6-Trichlorophenol	13.069	196	619028	36.654	ng/ul	100
42) 2,4,5-Trichlorophenol	13.139	196	679419	37.523	ng/ul	100
43) 1,1'-Biphenyl	13.469	154	2601469	36.214	ng/ul	99
44) 2-Chloronaphthalene	13.510	162	2014342	35.734	ng/ul	100
45) 2-Nitroaniline	13.716	65	654114	47.144	ng/ul	98
47) Dimethylphthalate	14.092	163	2709591	38.864	ng/ul	100
48) 2,6-Dinitrotoluene	14.210	165	538861	47.539	ng/ul	97
50) Acenaphthylene	14.351	152	3208893	36.001	ng/ul	99
51) 3-Nitroaniline	14.533	138	551953	40.601	ng/ul#	98
52) Acenaphthene	14.692	153	2272595	36.439	ng/ul	99
53) 2,4-Dinitrophenol	14.739	184	216105	42.967	ng/ul	95
55) 4-Nitrophenol	14.833	109	95262	8.742	ng/ul	100
56) Dibenzofuran	15.027	168	3090742	36.902	ng/ul	98
57) 2,4-Dinitrotoluene	14.992	165	797454	48.393	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.251	232	601838	39.707	ng/ul	99
59) Diethylphthalate	15.445	149	2838352	40.668	ng/ul	99
61) Fluorene	15.674	166	2738917	38.396	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.668	204	1278869	37.487	ng/ul	97
63) 4-Nitroaniline	15.698	138	573031	43.384	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.751	198	382821	44.534	ng/ul	97
67) N-Nitrosodiphenylamine	15.880	169	2295581	40.481	ng/ul	99
68) 4-Bromophenyl-phenylether	16.557	248	742242	39.112	ng/ul	98
69) Hexachlorobenzene	16.668	284	865050	38.540	ng/ul	95
70) Atrazine	16.833	200	806035	40.280	ng/ul	98
71) Pentachlorophenol	17.015	266	487805	36.587	ng/ul	99
72) Phenanthrene	17.410	178	4358946	41.102	ng/ul	99
74) Anthracene	17.504	178	4391370	40.738	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.433	216	1013259	38.478	ng/uL	100
76) Pentachlorobenzene	14.945	250	945352	33.191	ng/uL	100
77) Carbazole	17.768	167	4010368	40.184	ng/ul	100
78) Di-n-butylphthalate	18.333	149	5065277	44.779	ng/ul	99
80) Fluoranthene	19.415	202	4840369	50.337	ng/ul	99
82) Pyrene	19.780	202	5071013	49.820	ng/ul	98
83) Butylbenzylphthalate	20.674	149	2131554	55.266	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.450	252	1239633	39.775	ng/ul	98
85) Benzo(a)anthracene	21.521	228	4273650	42.762	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.445	149	3324269	59.003	ng/ul	100
87) Chrysene	21.574	228	3940493	41.540	ng/ul	99
89) Di-n-octyl phthalate	22.386	149	4981102	65.312	ng/ul	100
90) Benzo(b)fluoranthene	23.227	252	3648965	45.486	ng/ul	99
91) Benzo(k)fluoranthene	23.280	252	3574091	44.588	ng/ul	99
93) Benzo(a)pyrene	23.862	252	3071052	43.547	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.503	276	3268619	39.689	ng/ul	98
95) Dibenzo(a,h)anthracene	26.527	278	2953551	39.546	ng/ul	99
96) Benzo(g,h,i)perylene	27.285	276	2852436	39.953	ng/ul	99

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

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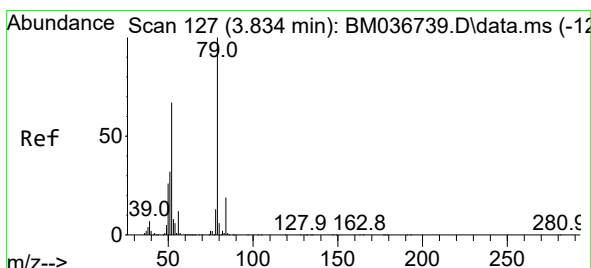
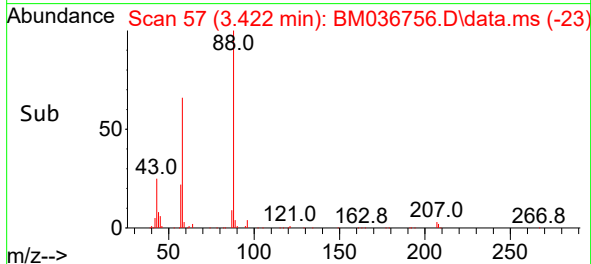
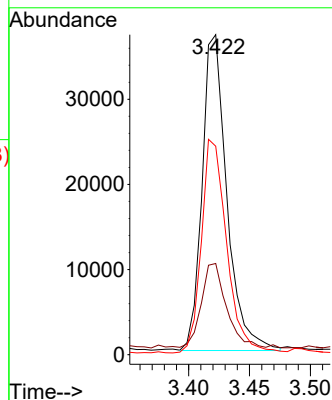
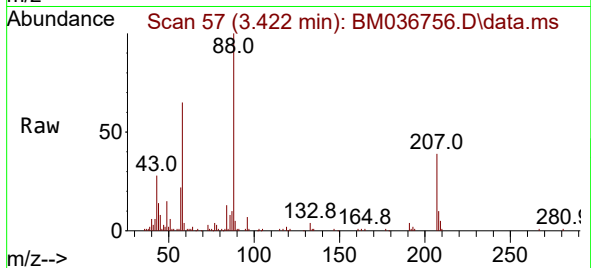




#2
1,4-Dioxane
Concen: 4.796 ng/uL
RT: 3.422 min Scan# 51
Delta R.T. 0.000 min
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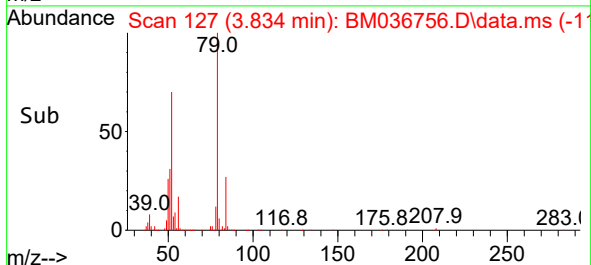
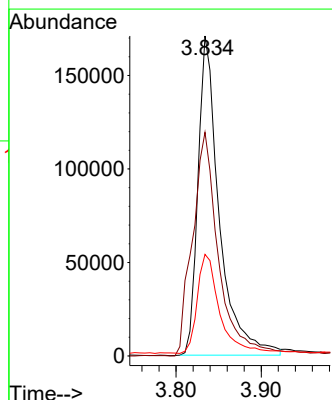
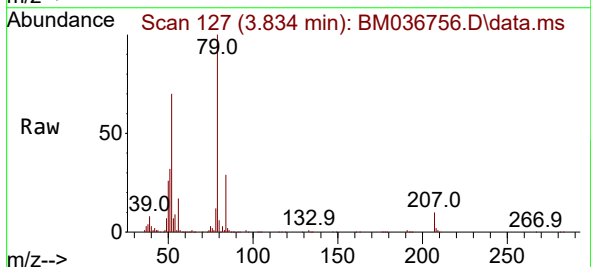
Instrument :
BNA_M
ClientSampleId :

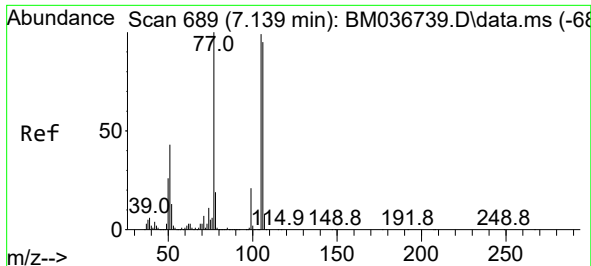
Tgt Ion: 88 Resp: 52510
Ion Ratio Lower Upper
88 100
43 28.5 23.1 34.7
58 65.2 56.6 85.0



#5
Pyridine
Concen: 9.953 ng/uL
RT: 3.834 min Scan# 127
Delta R.T. 0.000 min
Lab File: BM036756.D
Acq: 26 Sep 2022 21:49

Tgt Ion: 79 Resp: 296412
Ion Ratio Lower Upper
79 100
52 69.9 57.2 85.8
51 31.8 26.8 40.2

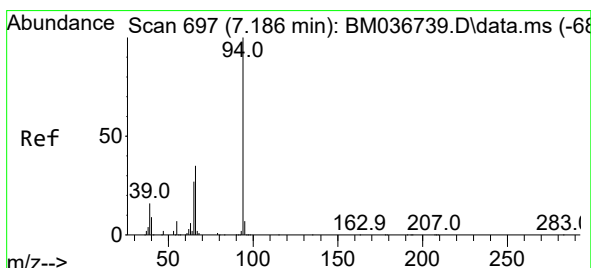
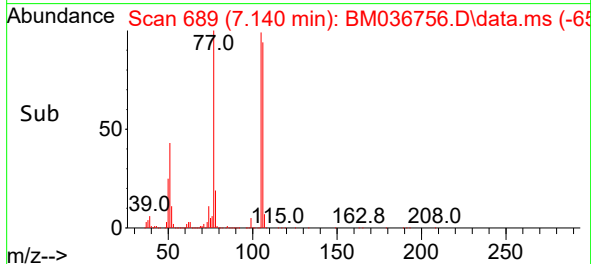
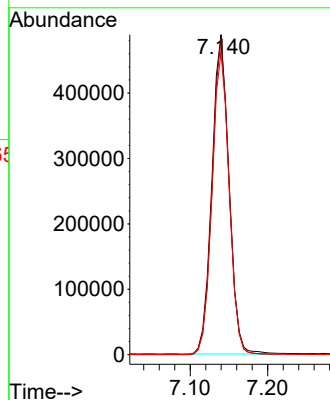
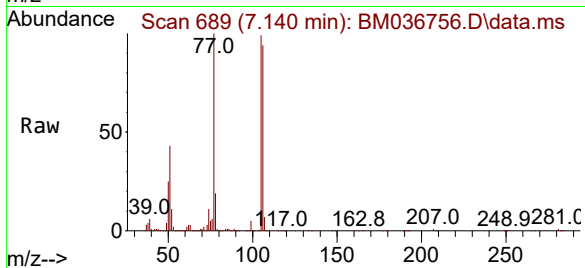




#6
Benzaldehyde
Concen: 45.243 ng/ul
RT: 7.140 min Scan# 689
Delta R.T. 0.000 min
Lab File: BM036756.D
Acq: 26 Sep 2022 21:49

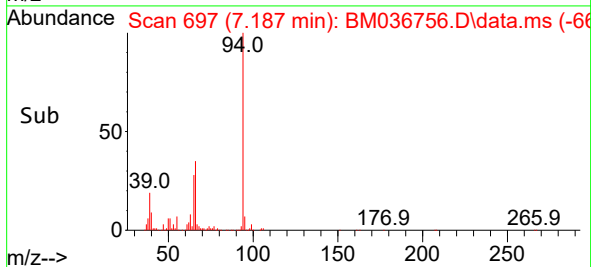
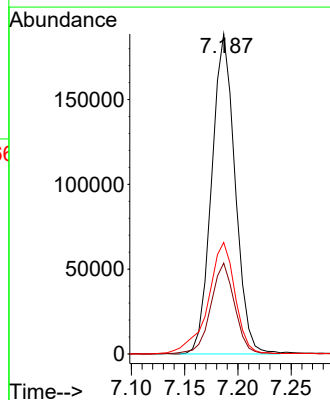
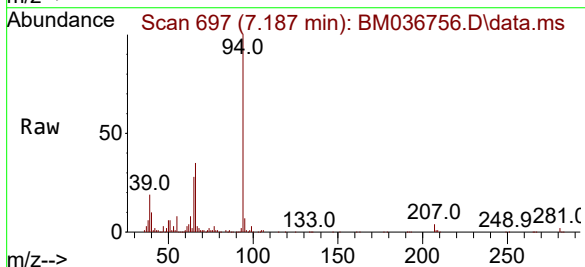
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BNA_M
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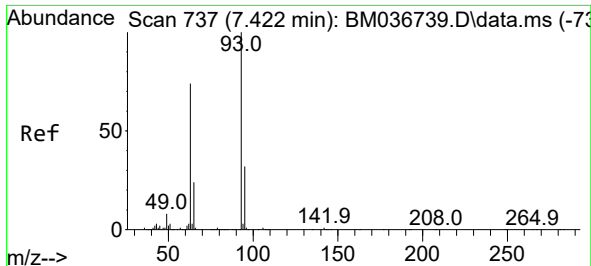
Tgt Ion: 77 Resp: 746006
Ion Ratio Lower Upper
77 100
105 98.8 75.1 112.7
106 94.3 73.0 109.6



#8
Phenol
Concen: 7.911 ng/ul
RT: 7.187 min Scan# 697
Delta R.T. 0.000 min
Lab File: BM036756.D
Acq: 26 Sep 2022 21:49

Tgt Ion: 94 Resp: 289114
Ion Ratio Lower Upper
94 100
65 28.4 22.2 33.4
66 34.8 28.9 43.3





#10

Bis(2-Chloroethyl)ether

Concen: 32.868 ng/ul

RT: 7.422 min Scan# 737

Delta R.T. 0.000 min

Lab File: BM036756.D

Acq: 26 Sep 2022 21:49

Instrument :

BNA_M

ClientSampleId :

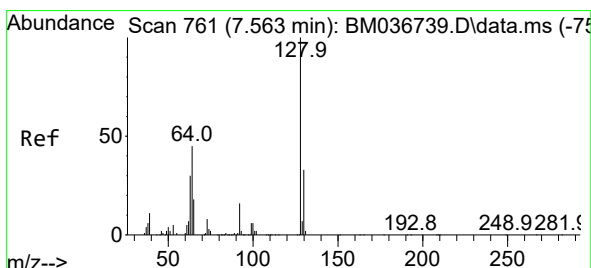
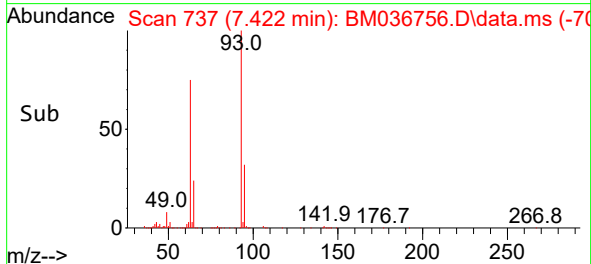
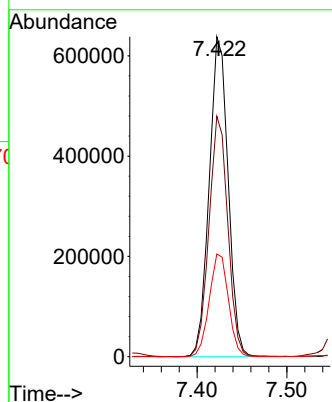
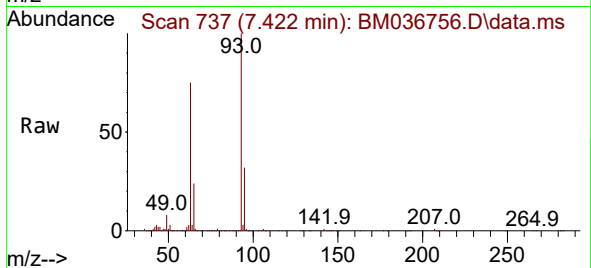
Tgt Ion: 93 Resp: 934591

Ion Ratio Lower Upper

93 100

63 75.2 59.1 88.7

95 32.1 26.1 39.1



#12

2-Chlorophenol

Concen: 26.945 ng/ul

RT: 7.563 min Scan# 761

Delta R.T. 0.000 min

Lab File: BM036756.D

Acq: 26 Sep 2022 21:49

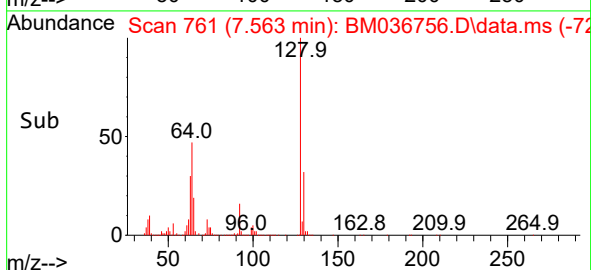
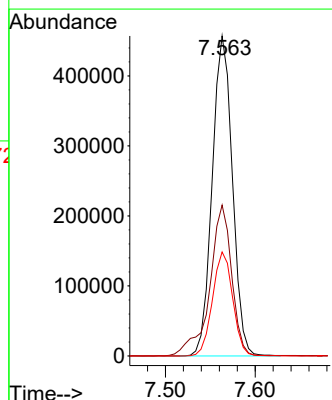
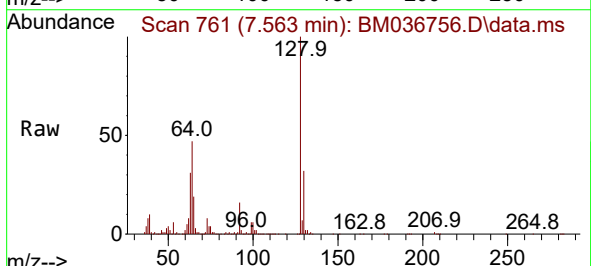
Tgt Ion: 128 Resp: 714560

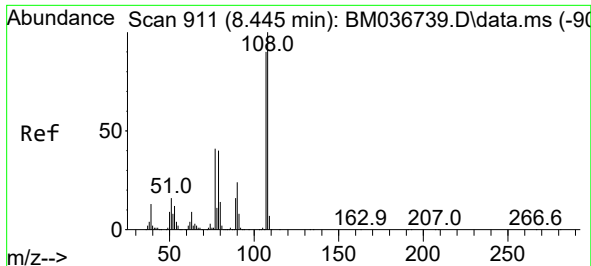
Ion Ratio Lower Upper

128 100

64 47.2 37.8 56.8

130 32.5 26.0 39.0





#13

2-Methylphenol

Concen: 19.828 ng/ul

RT: 8.445 min Scan# 911

Delta R.T. 0.000 min

Lab File: BM036756.D

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Instrument :

BNA_M

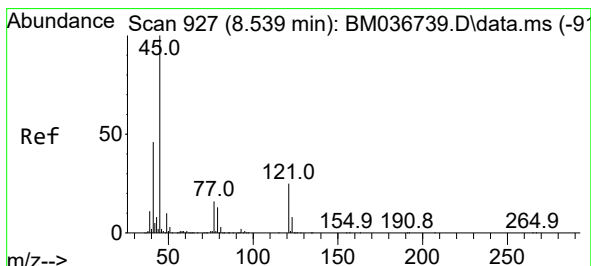
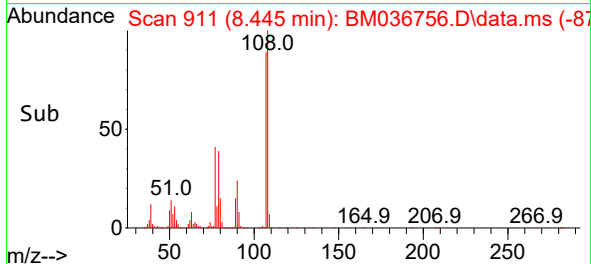
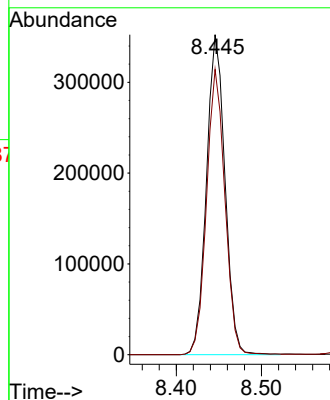
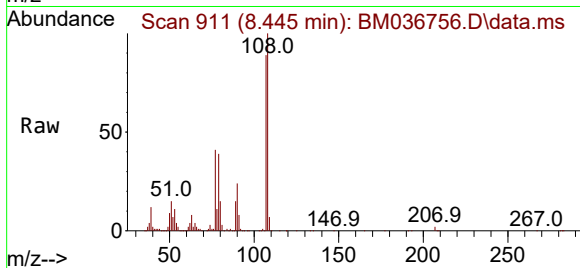
ClientSampleId :

Tgt Ion:108 Resp: 532617

Ion Ratio Lower Upper

108 100

107 89.1 70.7 106.1



#14

2,2'-oxybis(1-Chloropropane)

Concen: 32.892 ng/ul

RT: 8.540 min Scan# 927

Delta R.T. 0.000 min

Lab File: BM036756.D

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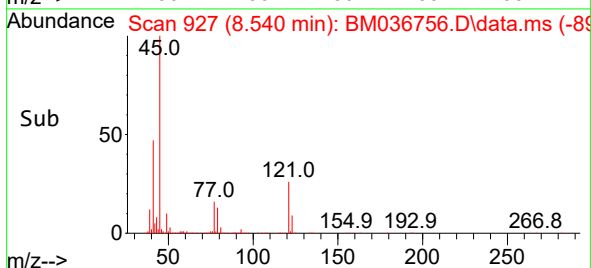
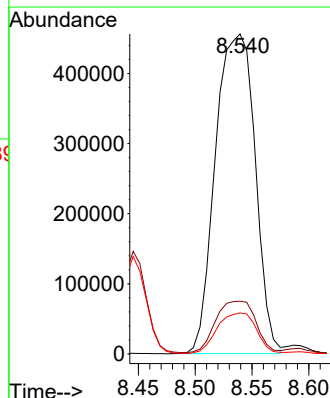
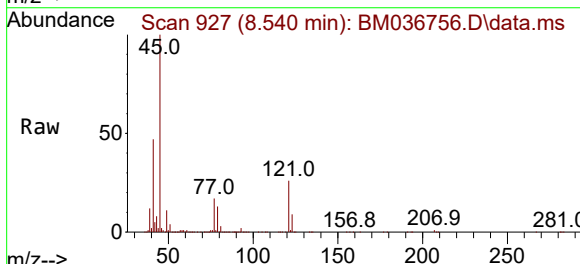
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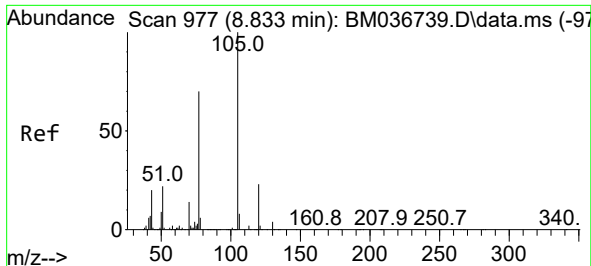
Ion Ratio Lower Upper

45 100

77 16.5 13.1 19.7

79 12.8 9.5 14.3

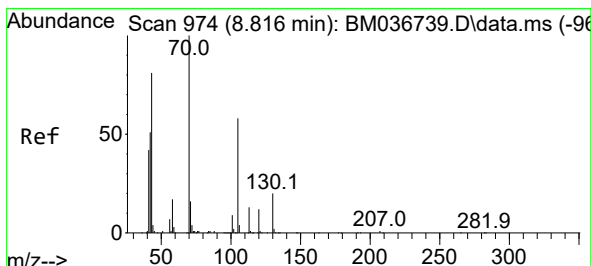
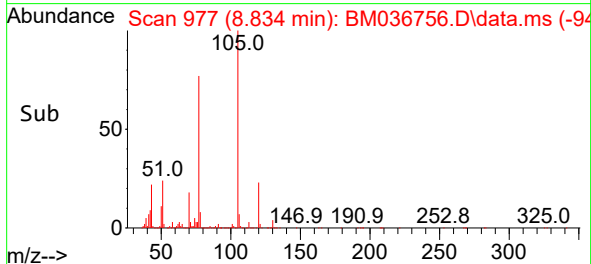
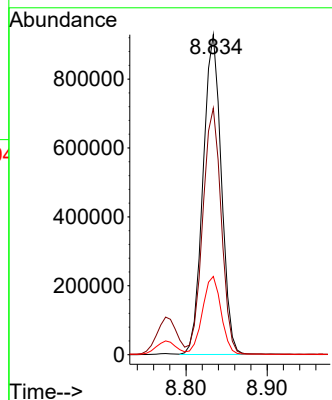
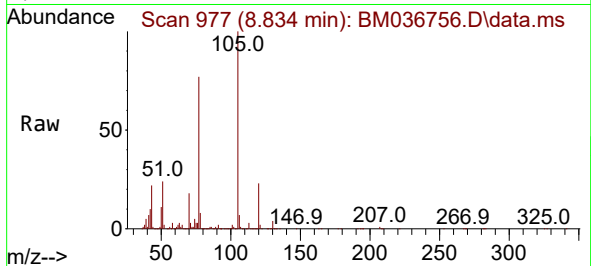




#16
Acetophenone
Concen: 33.306 ng/ul
RT: 8.834 min Scan# 91
Delta R.T. 0.000 min
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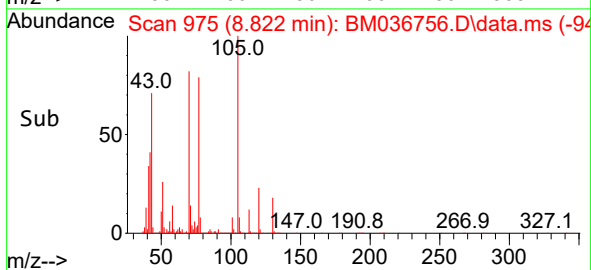
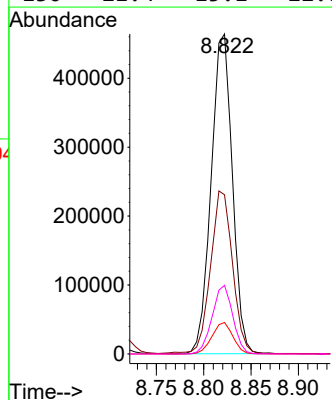
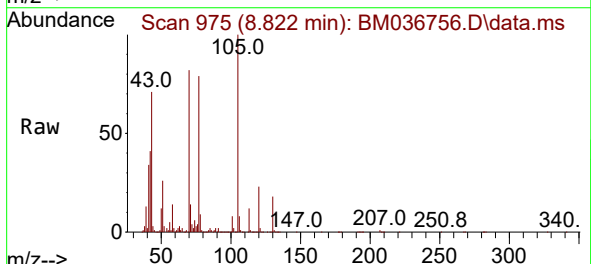
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BNA_M
ClientSampleId :

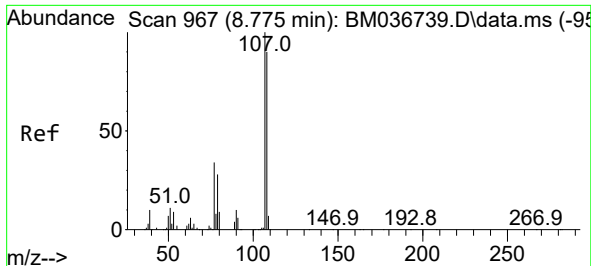
Tgt Ion:105 Resp: 1453498
Ion Ratio Lower Upper
105 100
77 77.1 61.6 92.4
51 24.5 20.5 30.7



#17
N-Nitroso-di-n-propylamine
Concen: 34.269 ng/ul
RT: 8.822 min Scan# 975
Delta R.T. 0.006 min
Lab File: BM036756.D
Acq: 26 Sep 2022 21:49

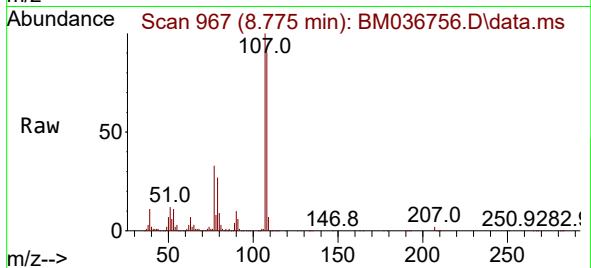
Tgt Ion: 70 Resp: 721629
Ion Ratio Lower Upper
70 100
42 49.8 43.0 64.4
101 9.8 7.7 11.5
130 21.4 15.1 22.7



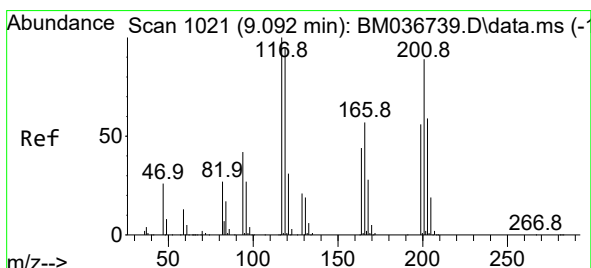
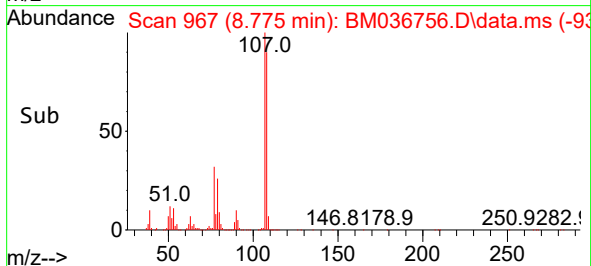
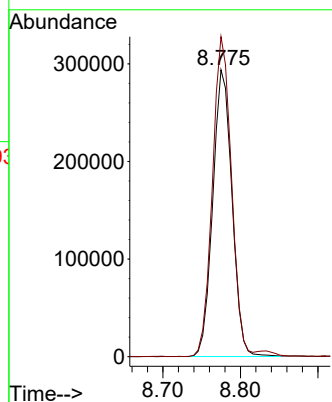


#18
4-Methylphenol
Concen: 17.426 ng/ul
RT: 8.775 min Scan# 90
Delta R.T. 0.000 min
Lab File: BM036756.D
Acq: 26 Sep 2022 21:49

Instrument :
BNA_M
ClientSampleId :

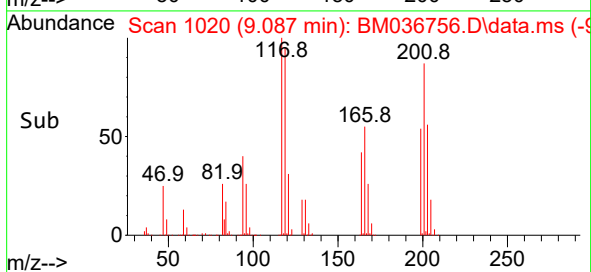
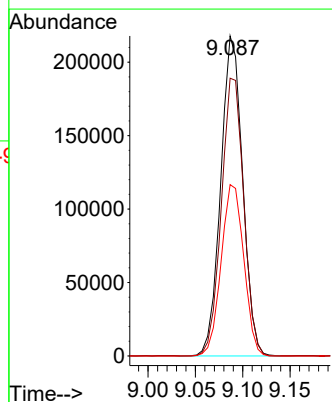
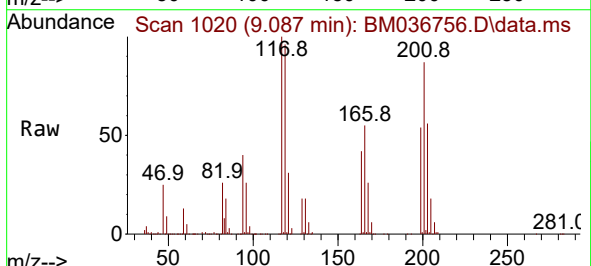


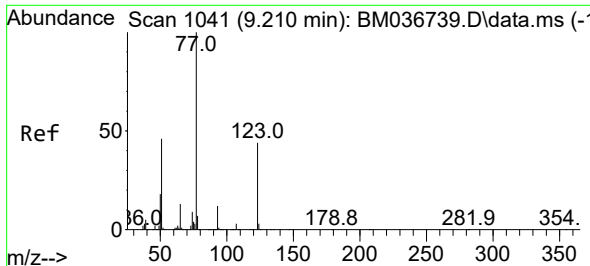
Tgt Ion:108 Resp: 506189
Ion Ratio Lower Upper
108 100
107 111.5 89.4 134.0



#19
Hexachloroethane
Concen: 32.665 ng/ul
RT: 9.087 min Scan# 1020
Delta R.T. -0.006 min
Lab File: BM036756.D
Acq: 26 Sep 2022 21:49

Tgt Ion:117 Resp: 350869
Ion Ratio Lower Upper
117 100
201 86.8 68.7 103.1
199 54.9 43.0 64.6





#22

Nitrobenzene

Concen: 37.928 ng/ul

RT: 9.216 min Scan# 1041

Delta R.T. 0.006 min

Lab File: BM036756.D

Acq: 26 Sep 2022 21:49

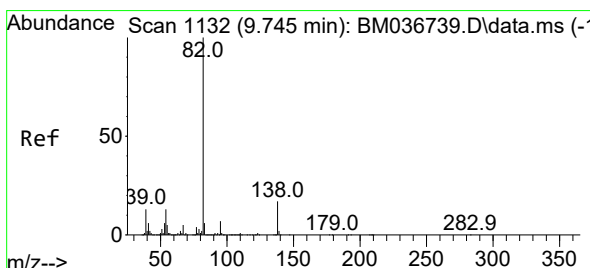
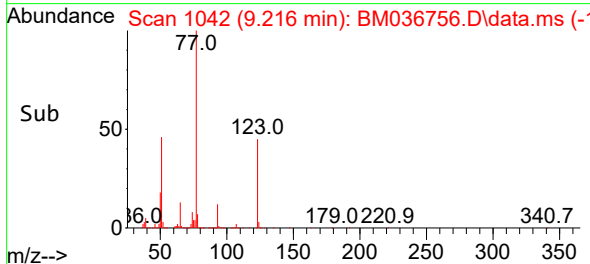
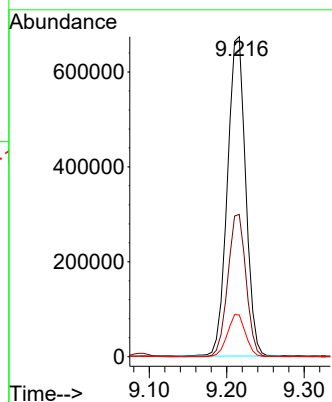
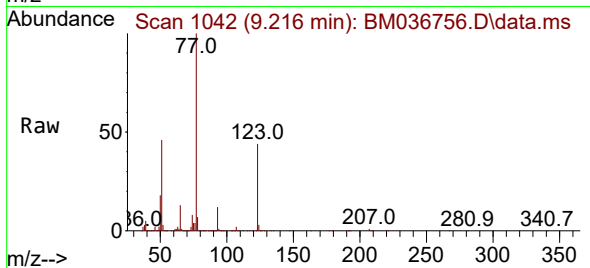
Instrument :

BNA_M

ClientSampleId :

Tgt Ion: 77 Resp: 1102522

Ion	Ratio	Lower	Upper
77	100		
123	44.4	34.9	52.3
65	13.1	10.7	16.1



#23

Isophorone

Concen: 34.146 ng/ul

RT: 9.745 min Scan# 1132

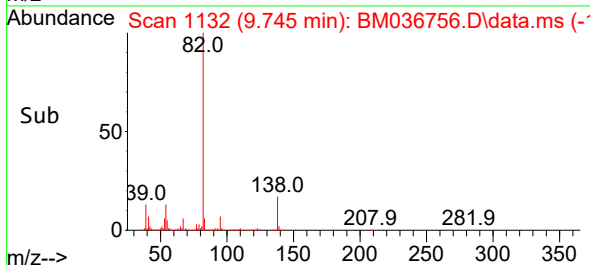
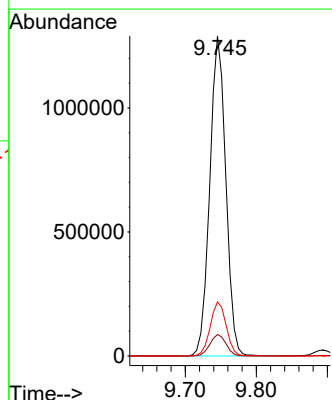
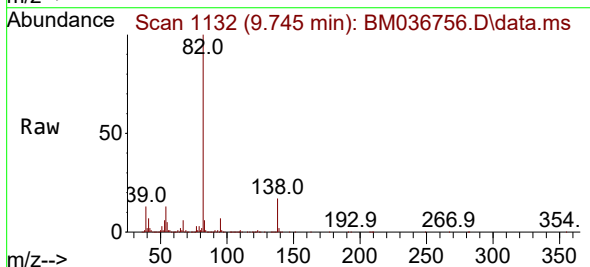
Delta R.T. 0.000 min

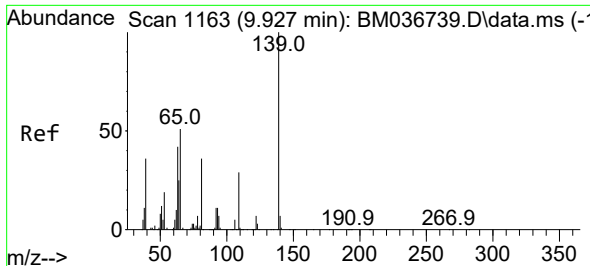
Lab File: BM036756.D

Acq: 26 Sep 2022 21:49

Tgt Ion: 82 Resp: 2023822

Ion	Ratio	Lower	Upper
82	100		
95	6.7	5.4	8.2
138	16.9	13.5	20.3

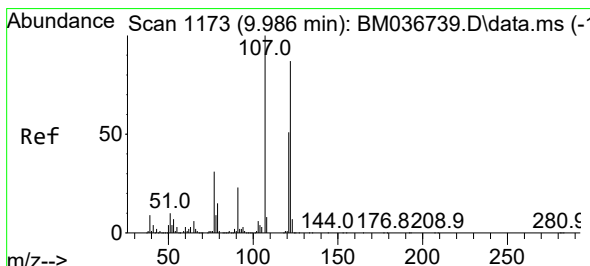
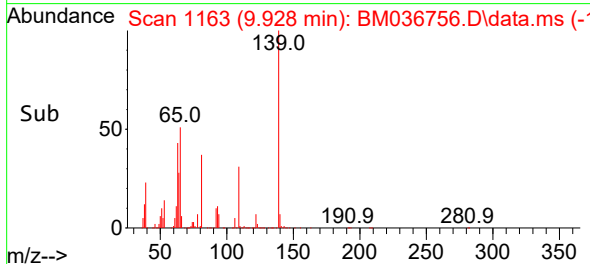
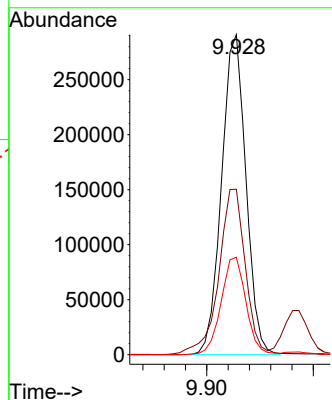
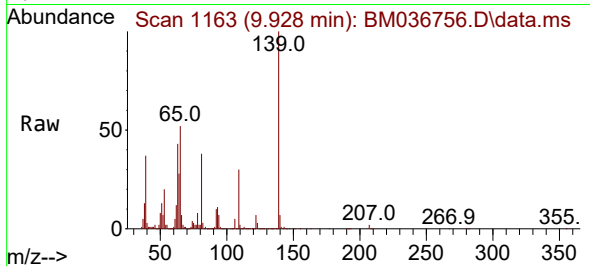




#25
2-Nitrophenol
Concen: 38.056 ng/ul
RT: 9.928 min Scan# 1163
Delta R.T. 0.000 min
Lab File: BM036756.D
Acq: 26 Sep 2022 21:49

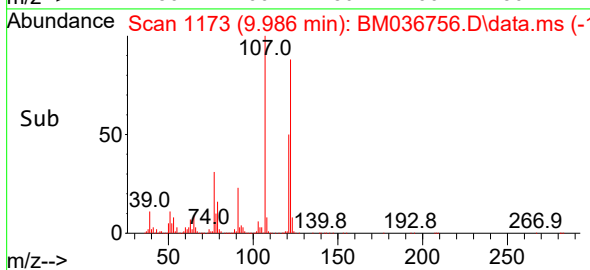
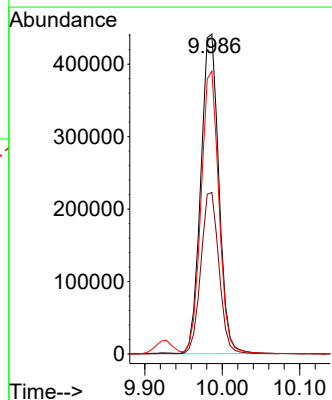
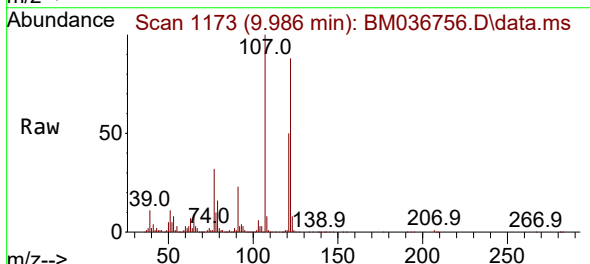
Instrument :
BNA_M
ClientSampleId :

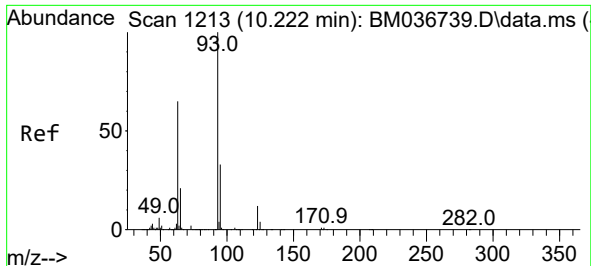
Tgt Ion:139 Resp: 460961
Ion Ratio Lower Upper
139 100
65 51.7 40.9 61.3
109 30.5 23.9 35.9



#26
2,4-Dimethylphenol
Concen: 23.894 ng/ul
RT: 9.986 min Scan# 1173
Delta R.T. 0.000 min
Lab File: BM036756.D
Acq: 26 Sep 2022 21:49

Tgt Ion:107 Resp: 713831
Ion Ratio Lower Upper
107 100
121 50.5 39.4 59.2
122 88.4 69.1 103.7





#27

Bis(2-Chloroethoxy)methane

Concen: 34.771 ng/ul

RT: 10.222 min Scan# 1213

Delta R.T. 0.000 min

Lab File: BM036756.D

Acq: 26 Sep 2022 21:49

Instrument :

BNA_M

ClientSampleId :

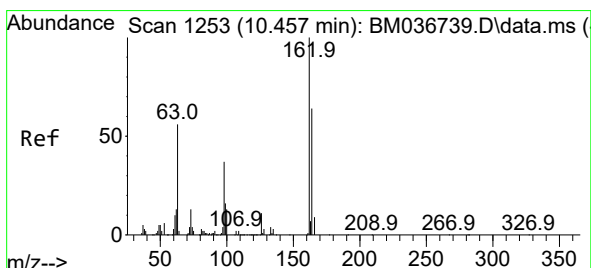
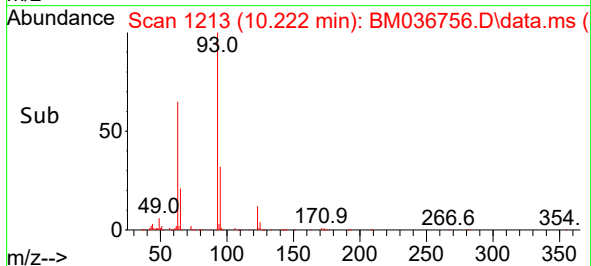
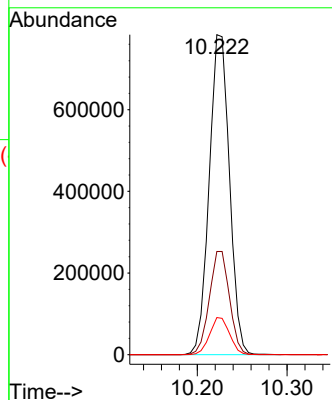
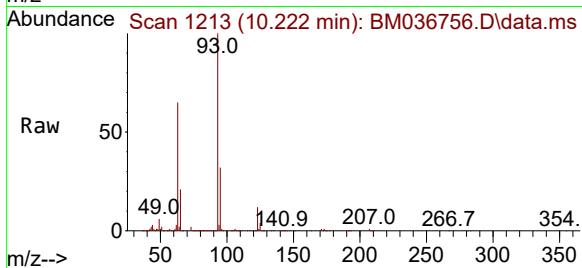
Tgt Ion: 93 Resp: 1228372

Ion Ratio Lower Upper

93 100

95 32.2 26.2 39.4

123 11.6 9.2 13.8



#29

2,4-Dichlorophenol

Concen: 32.255 ng/ul

RT: 10.457 min Scan# 1253

Delta R.T. 0.000 min

Lab File: BM036756.D

Acq: 26 Sep 2022 21:49

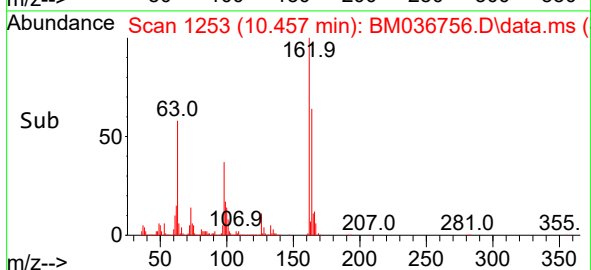
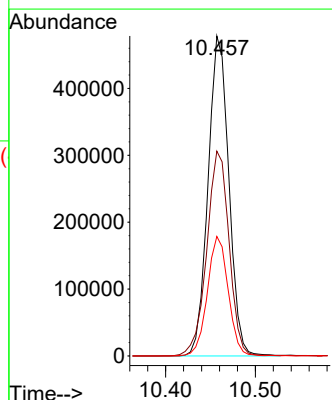
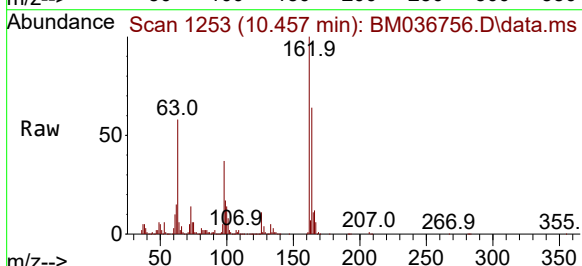
Tgt Ion:162 Resp: 770663

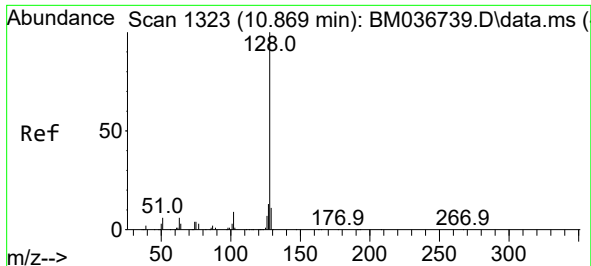
Ion Ratio Lower Upper

162 100

164 64.0 52.1 78.1

98 37.3 29.1 43.7

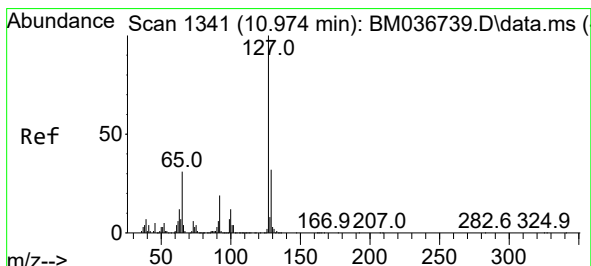
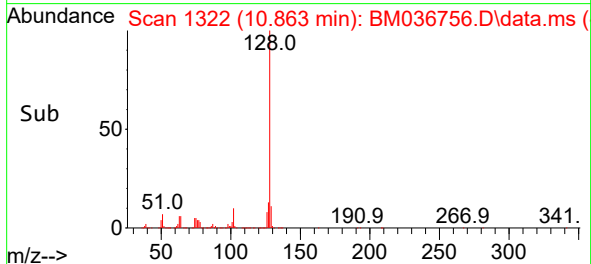
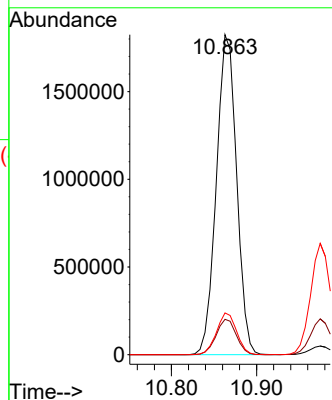
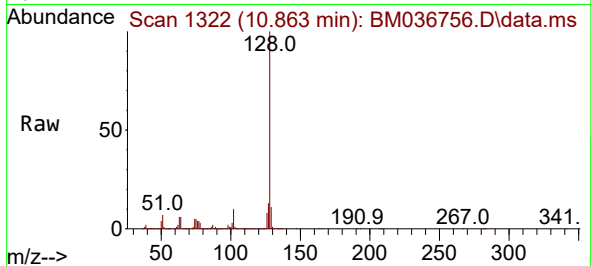




#30
Naphthalene
Concen: 34.199 ng/ul
RT: 10.863 min Scan# 1322
Delta R.T. -0.006 min
Lab File: BM036756.D
Acq: 26 Sep 2022 21:49

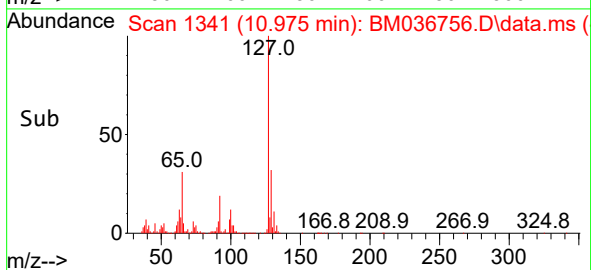
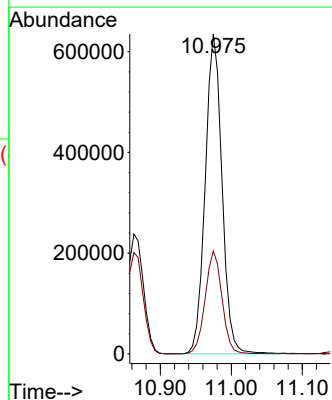
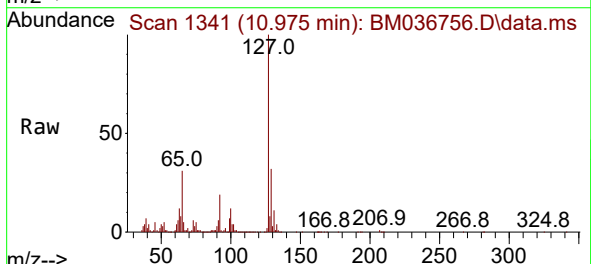
Instrument :
BNA_M
ClientSampleId :

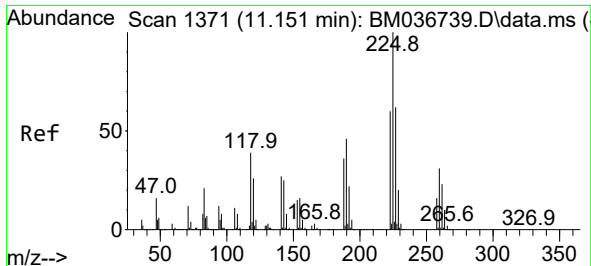
Tgt Ion:128 Resp: 3013602
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 13.1 10.3 15.5



#32
4-Chloroaniline
Concen: 26.702 ng/ul
RT: 10.975 min Scan# 1341
Delta R.T. 0.000 min
Lab File: BM036756.D
Acq: 26 Sep 2022 21:49

Tgt Ion:127 Resp: 1041691
Ion Ratio Lower Upper
127 100
129 32.2 25.4 38.2

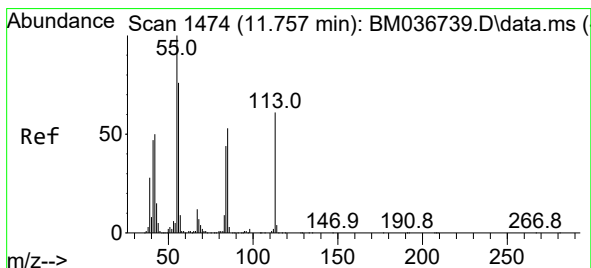
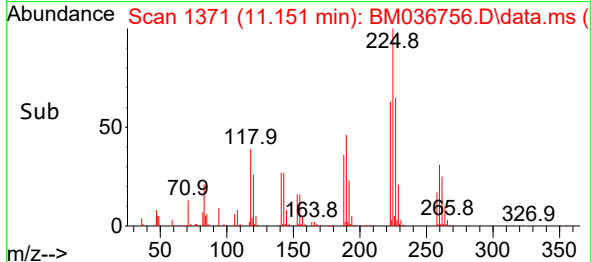
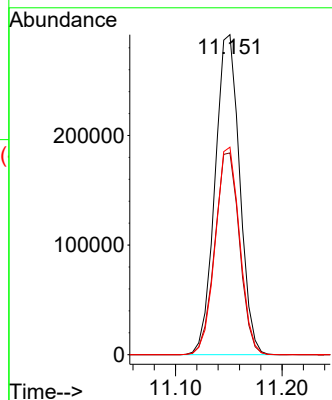
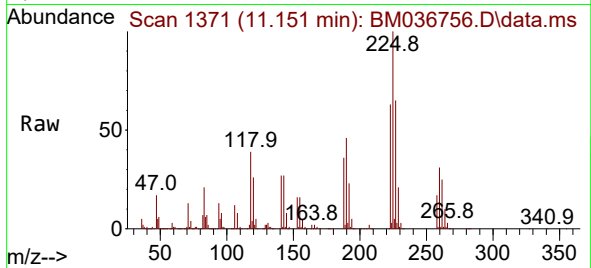




#33
Hexachlorobutadiene
Concen: 32.058 ng/ul
RT: 11.151 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM036756.D
Acq: 26 Sep 2022 21:49

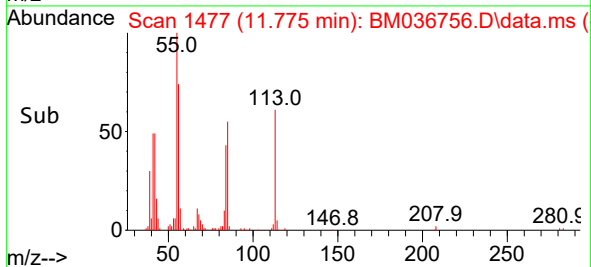
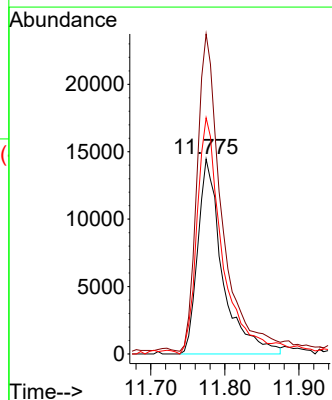
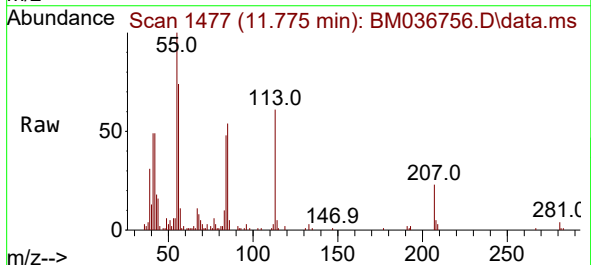
Instrument :
BNA_M
ClientSampleId :

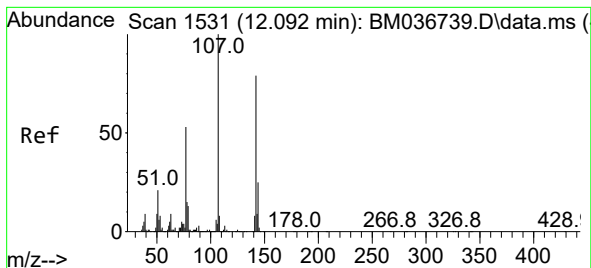
Tgt Ion:225 Resp: 468467
Ion Ratio Lower Upper
225 100
223 63.1 49.8 74.8
227 64.9 51.0 76.6



#34
Caprolactam
Concen: 4.329 ng/ul
RT: 11.775 min Scan# 1477
Delta R.T. 0.018 min
Lab File: BM036756.D
Acq: 26 Sep 2022 21:49

Tgt Ion:113 Resp: 33552
Ion Ratio Lower Upper
113 100
55 164.3 127.5 191.3
56 121.2 94.6 142.0

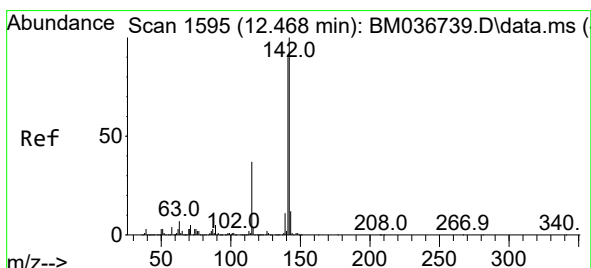
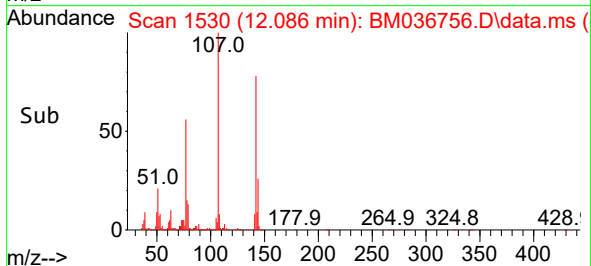
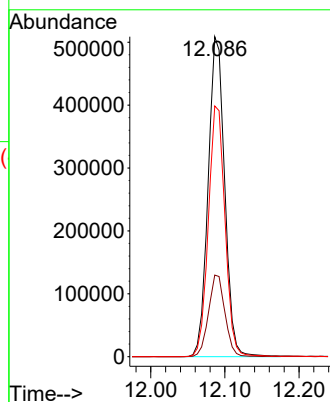
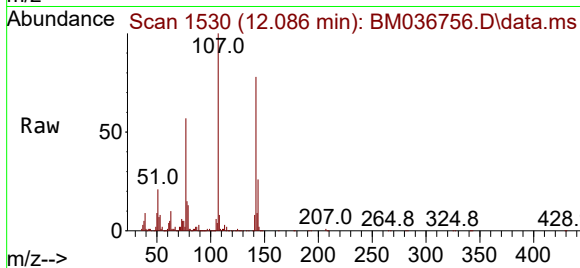




#35
4-Chloro-3-methylphenol
Concen: 29.930 ng/ul
RT: 12.086 min Scan# 1530
Delta R.T. -0.006 min
Lab File: BM036756.D
Acq: 26 Sep 2022 21:49

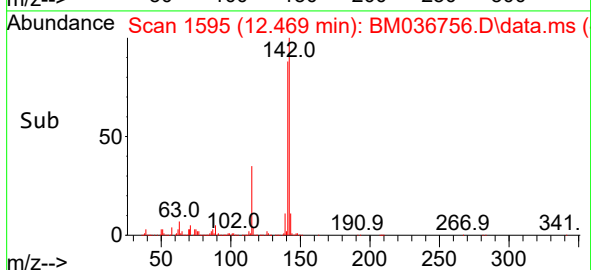
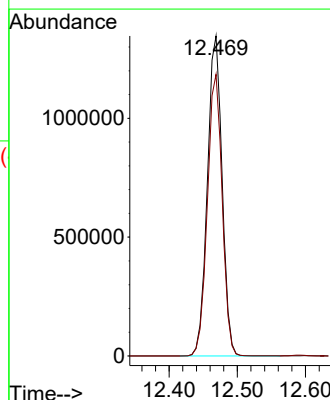
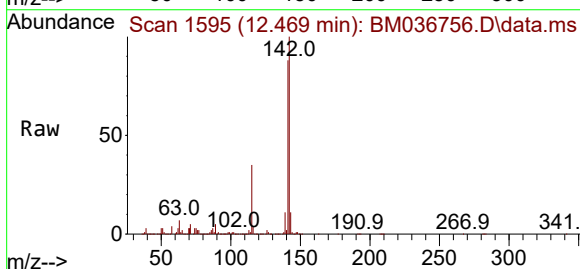
Instrument :
BNA_M
ClientSampleId :

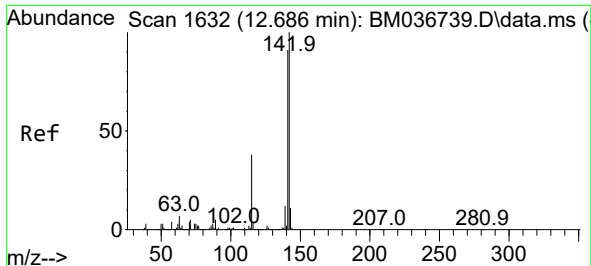
Tgt Ion:107 Resp: 789378
Ion Ratio Lower Upper
107 100
144 25.5 21.5 32.3
142 78.4 63.9 95.9



#36
2-Methylnaphthalene
Concen: 34.435 ng/ul
RT: 12.469 min Scan# 1595
Delta R.T. 0.000 min
Lab File: BM036756.D
Acq: 26 Sep 2022 21:49

Tgt Ion:142 Resp: 2021683
Ion Ratio Lower Upper
142 100
141 88.0 70.7 106.1





#37

1-Methylnaphthalene

Concen: 34.704 ng/ul

RT: 12.686 min Scan# 1

Delta R.T. 0.000 min

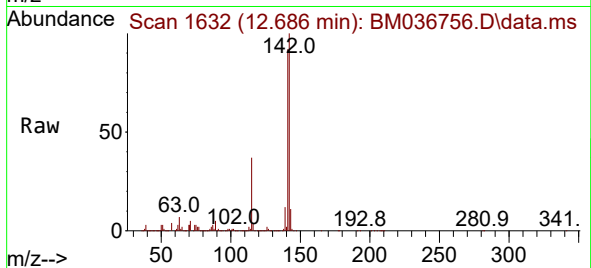
Lab File: BM036756.D

Acq: 26 Sep 2022 21:49

Instrument :

BNA_M

ClientSampleId :



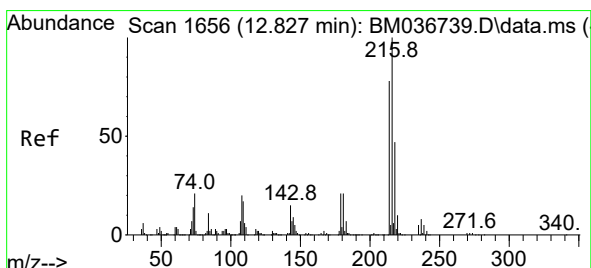
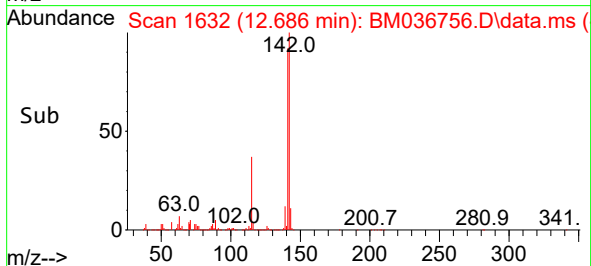
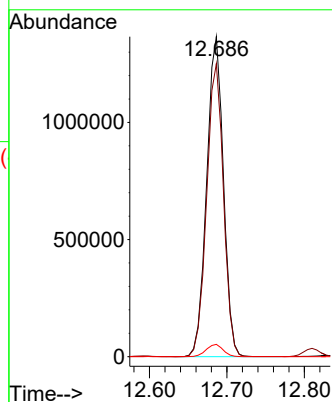
Tgt Ion:142 Resp: 2048296

Ion Ratio Lower Upper

142 100

141 91.6 73.4 110.2

116 3.9 3.1 4.7



#39

1,2,4,5-Tetrachlorobenzene

Concen: 34.964 ng/ul

RT: 12.827 min Scan# 1656

Delta R.T. 0.000 min

Lab File: BM036756.D

Acq: 26 Sep 2022 21:49

Tgt Ion:216 Resp: 964391

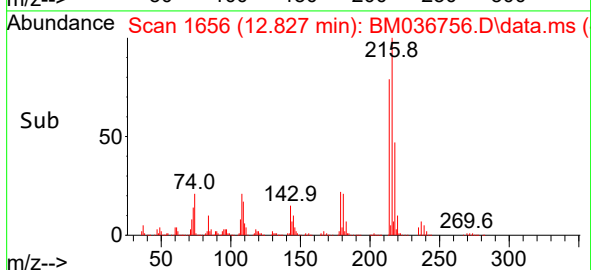
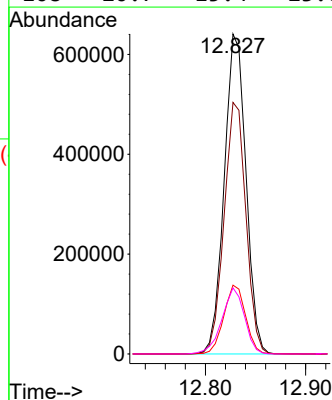
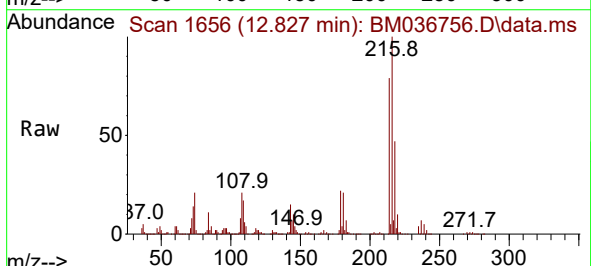
Ion Ratio Lower Upper

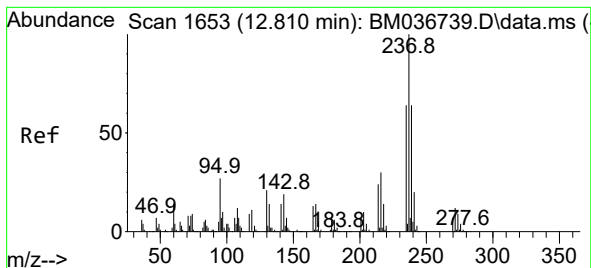
216 100

214 78.6 62.4 93.6

179 21.5 16.7 25.1

108 20.7 15.4 23.0





#40

Hexachlorocyclopentadiene

Concen: 24.259 ng/ul

RT: 12.810 min Scan# 1653

Delta R.T. 0.000 min

Lab File: BM036756.D

Acq: 26 Sep 2022 21:49

Instrument :

BNA_M

ClientSampleId :

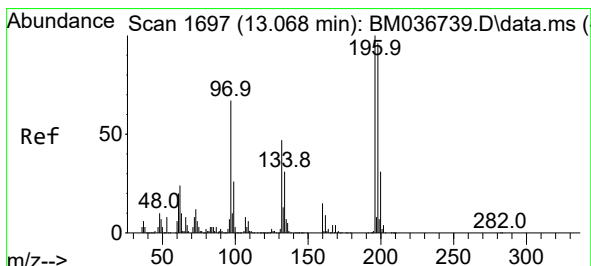
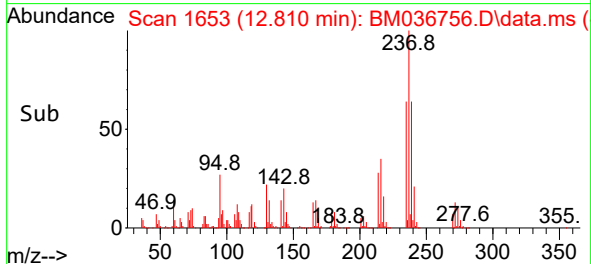
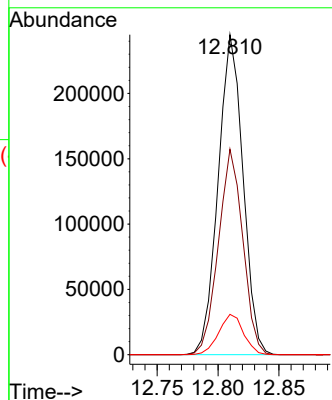
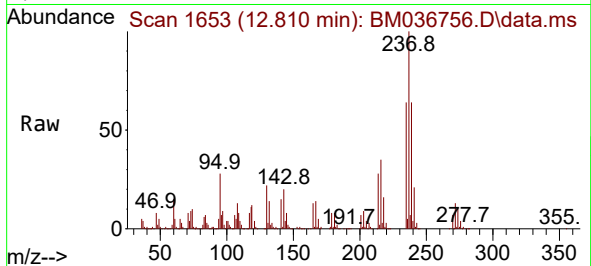
Tgt Ion:237 Resp: 348706

Ion Ratio Lower Upper

237 100

235 64.2 50.9 76.3

272 12.6 10.3 15.5



#41

2,4,6-Trichlorophenol

Concen: 36.654 ng/ul

RT: 13.069 min Scan# 1697

Delta R.T. 0.000 min

Lab File: BM036756.D

Acq: 26 Sep 2022 21:49

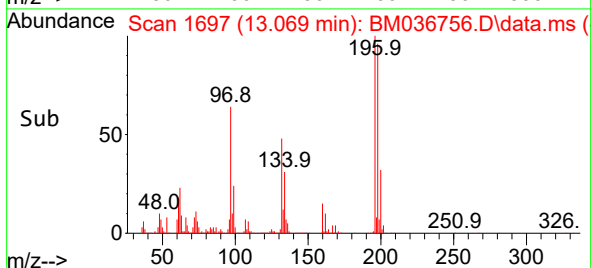
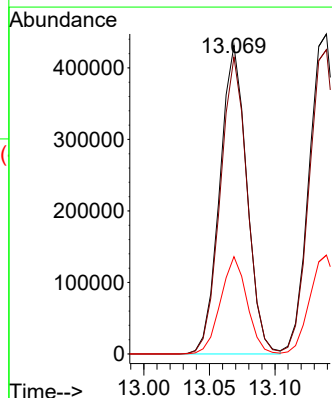
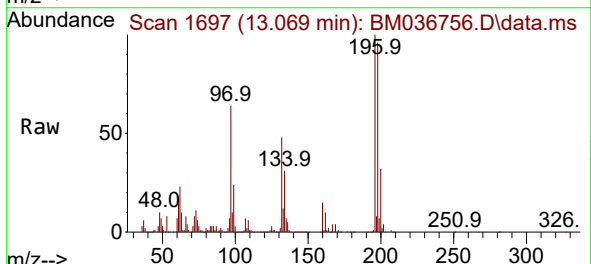
Tgt Ion:196 Resp: 619028

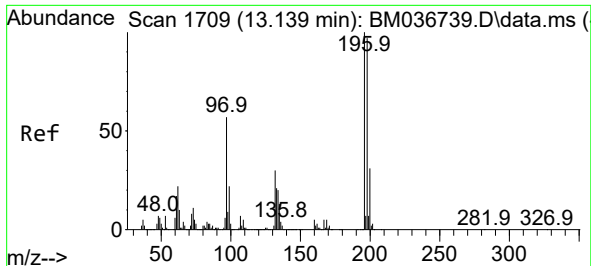
Ion Ratio Lower Upper

196 100

198 96.1 77.3 115.9

200 31.5 25.2 37.8

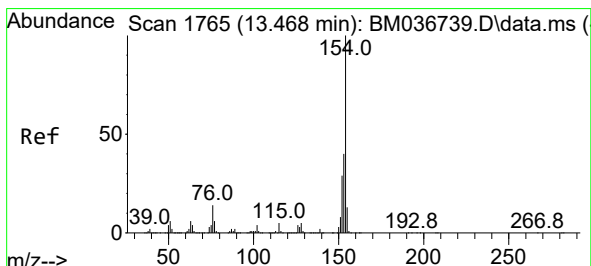
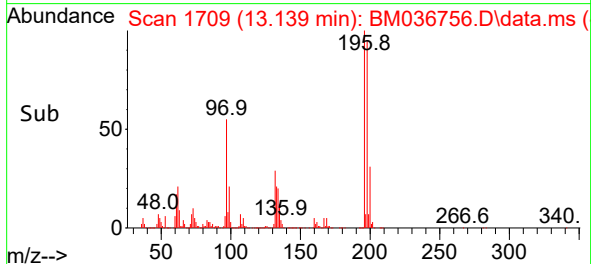
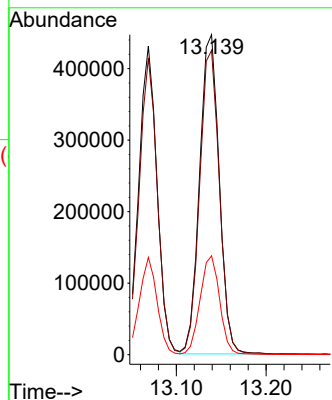
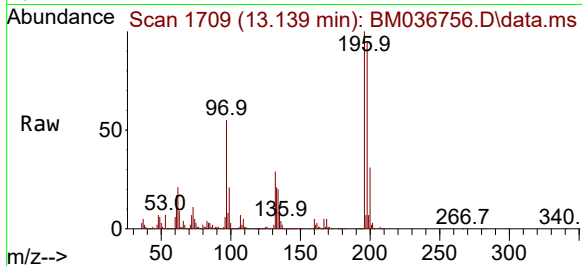




#42
 2,4,5-Trichlorophenol
 Concen: 37.523 ng/ul
 RT: 13.139 min Scan# 1709
 Delta R.T. 0.000 min
 Lab File: BM036756.D
 Acq: 26 Sep 2022 21:49

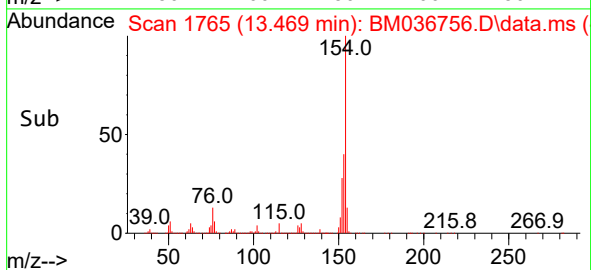
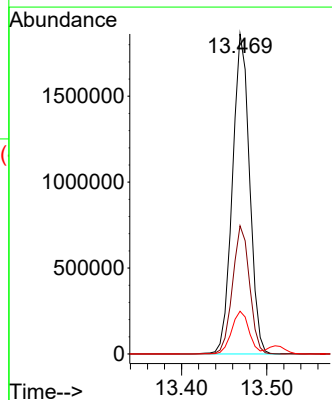
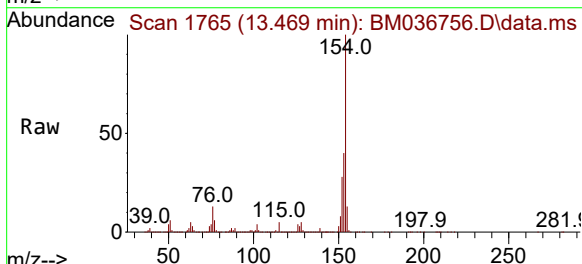
Instrument :
 BNA_M
 ClientSampleId :

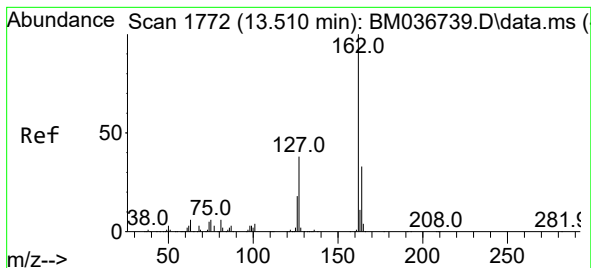
Tgt Ion:196 Resp: 679419
 Ion Ratio Lower Upper
 196 100
 198 95.1 75.6 113.4
 200 30.9 24.7 37.1



#43
 1,1'-Biphenyl
 Concen: 36.214 ng/ul
 RT: 13.469 min Scan# 1765
 Delta R.T. 0.000 min
 Lab File: BM036756.D
 Acq: 26 Sep 2022 21:49

Tgt Ion:154 Resp: 2601469
 Ion Ratio Lower Upper
 154 100
 153 40.1 31.4 47.2
 76 13.4 10.4 15.6





#44

2-Chloronaphthalene

Concen: 35.734 ng/ul

RT: 13.510 min Scan# 1

Delta R.T. 0.000 min

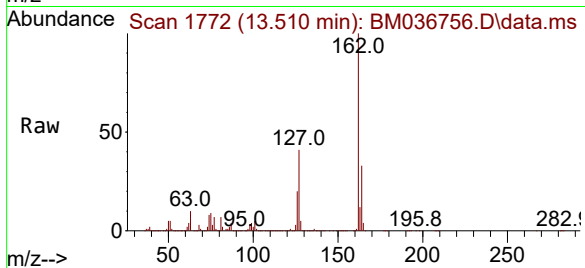
Lab File: BM036756.D

Acq: 26 Sep 2022 21:49

Instrument :

BNA_M

ClientSampleId :



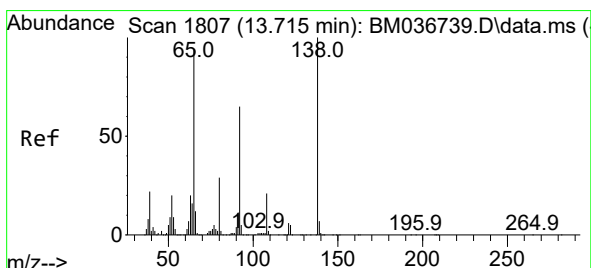
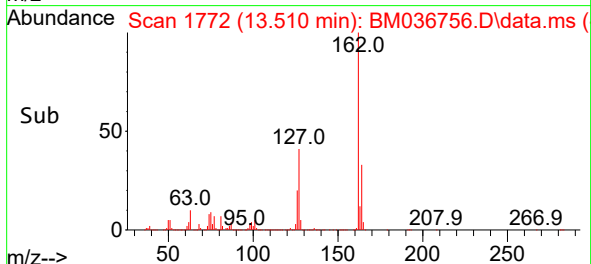
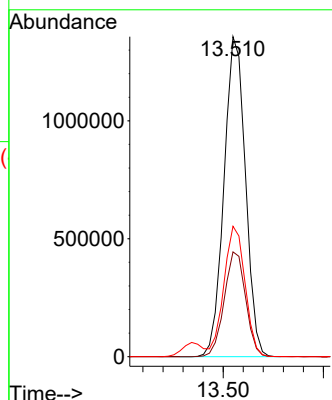
Tgt Ion:162 Resp: 2014342

Ion Ratio Lower Upper

162 100

164 32.8 26.2 39.2

127 40.8 32.6 49.0



#45

2-Nitroaniline

Concen: 47.144 ng/ul

RT: 13.716 min Scan# 1807

Delta R.T. 0.000 min

Lab File: BM036756.D

Acq: 26 Sep 2022 21:49

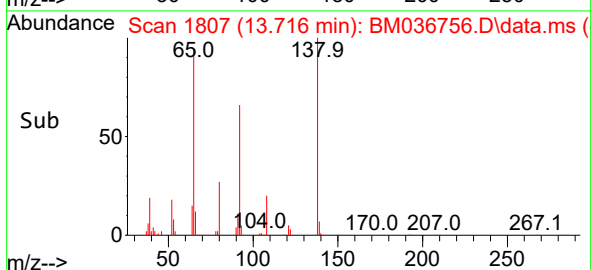
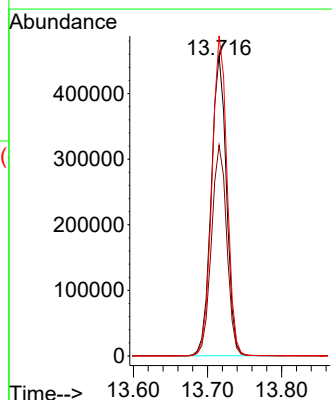
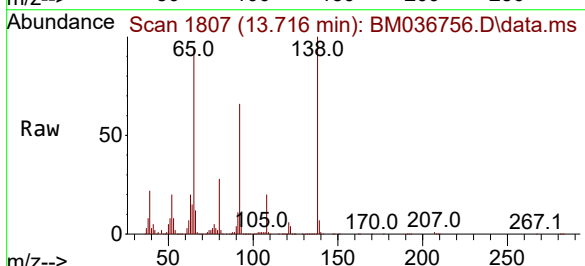
Tgt Ion: 65 Resp: 654114

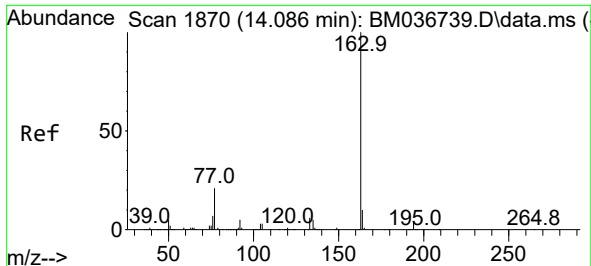
Ion Ratio Lower Upper

65 100

92 70.1 54.4 81.6

138 106.4 86.1 129.1

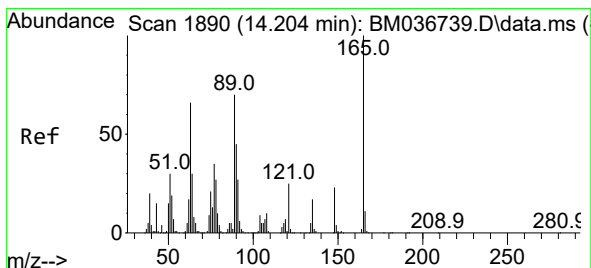
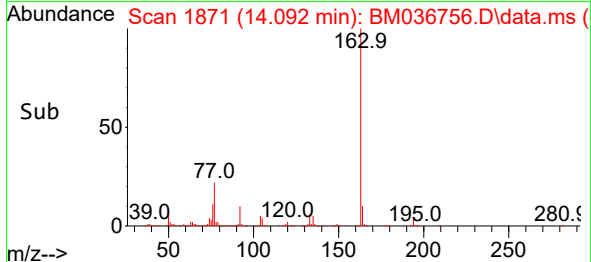
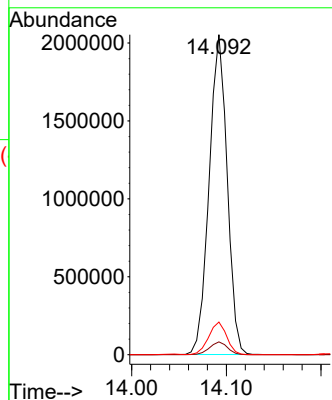
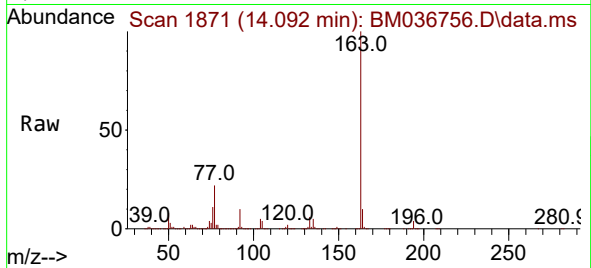




#47
Dimethylphthalate
Concen: 38.864 ng/ul
RT: 14.092 min Scan# 1871
Delta R.T. 0.006 min
Lab File: BM036756.D
Acq: 26 Sep 2022 21:49

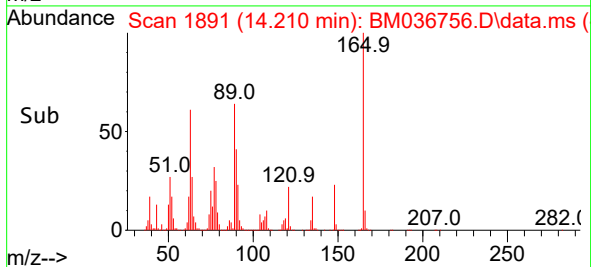
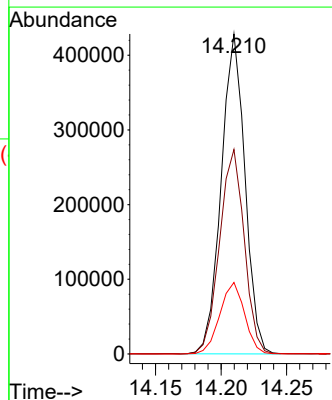
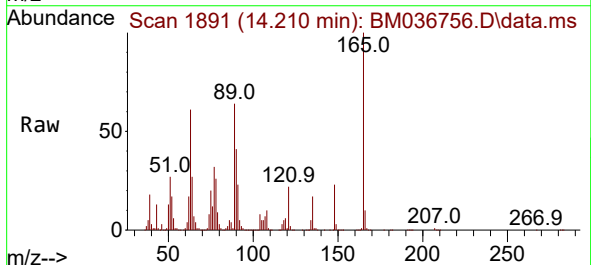
Instrument :
BNA_M
ClientSampleId :

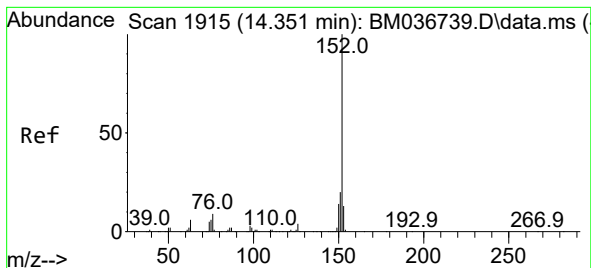
Tgt Ion:163 Resp: 2709591
Ion Ratio Lower Upper
163 100
194 4.0 3.0 4.6
164 10.2 8.3 12.5



#48
2,6-Dinitrotoluene
Concen: 47.539 ng/ul
RT: 14.210 min Scan# 1891
Delta R.T. 0.006 min
Lab File: BM036756.D
Acq: 26 Sep 2022 21:49

Tgt Ion:165 Resp: 538861
Ion Ratio Lower Upper
165 100
89 63.9 52.8 79.2
121 22.4 19.4 29.0





#50

Acenaphthylene

Concen: 36.001 ng/ul

RT: 14.351 min Scan# 1915

Delta R.T. 0.000 min

Lab File: BM036756.D

Acq: 26 Sep 2022 21:49

Instrument :

BNA_M

ClientSampleId :

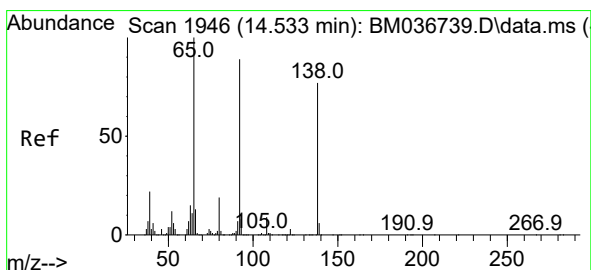
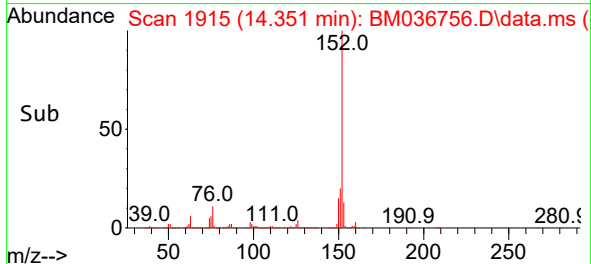
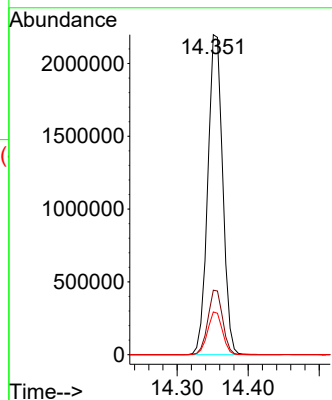
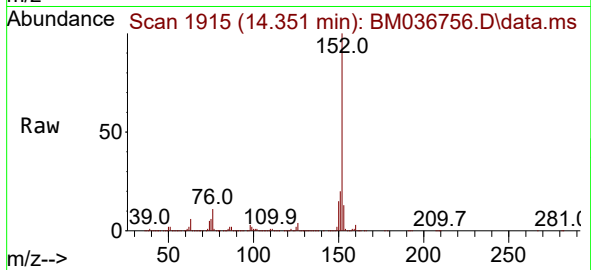
Tgt Ion:152 Resp: 3208893

Ion Ratio Lower Upper

152 100

151 20.2 15.7 23.5

153 13.4 10.5 15.7



#51

3-Nitroaniline

Concen: 40.601 ng/ul

RT: 14.533 min Scan# 1946

Delta R.T. 0.000 min

Lab File: BM036756.D

Acq: 26 Sep 2022 21:49

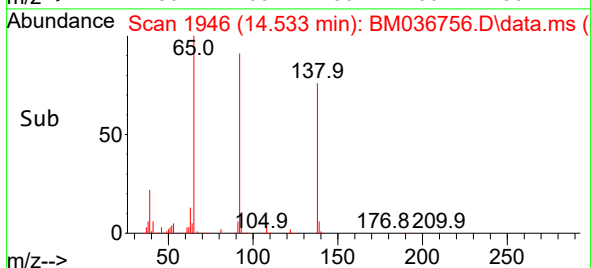
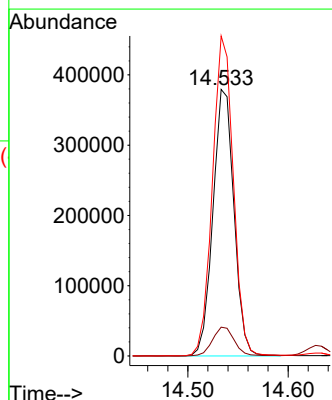
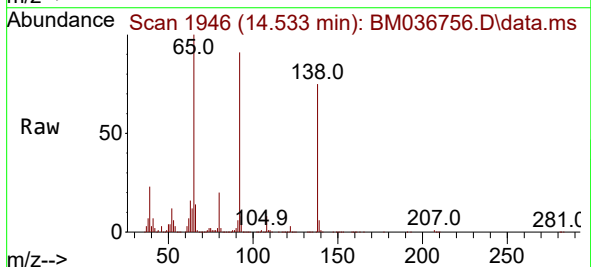
Tgt Ion:138 Resp: 551953

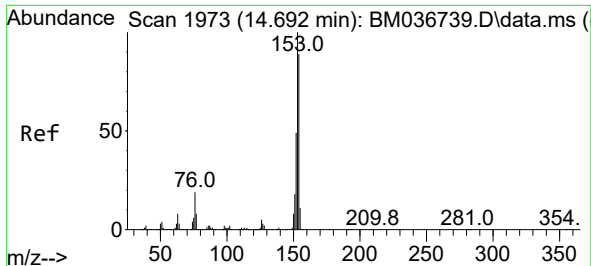
Ion Ratio Lower Upper

138 100

108 10.8 12.5 18.7#

92 120.1 95.4 143.2

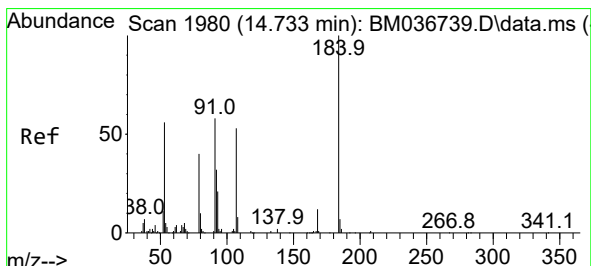
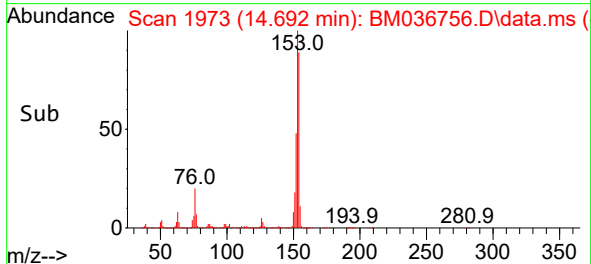
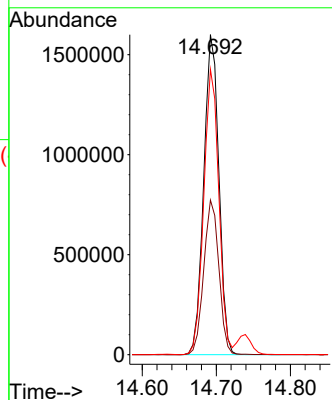
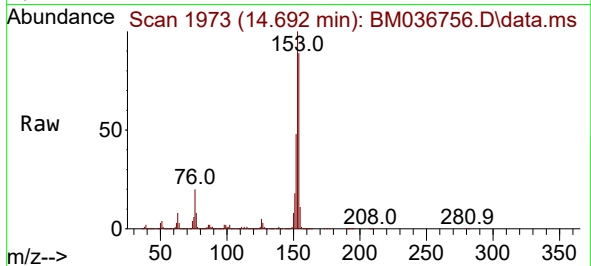




#52
Acenaphthene
Concen: 36.439 ng/ul
RT: 14.692 min Scan# 1773
Delta R.T. 0.000 min
Lab File: BM036756.D
Acq: 26 Sep 2022 21:49

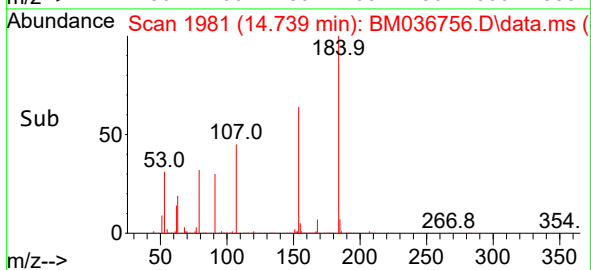
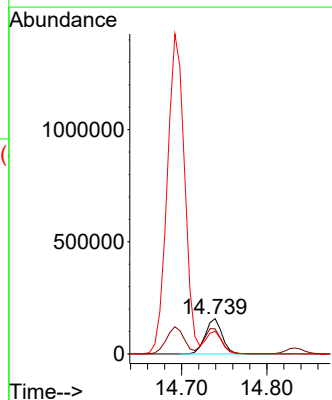
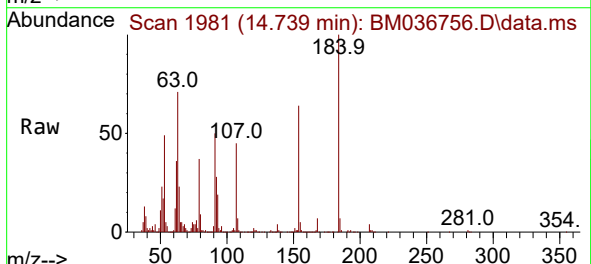
Instrument :
BNA_M
ClientSampleId :

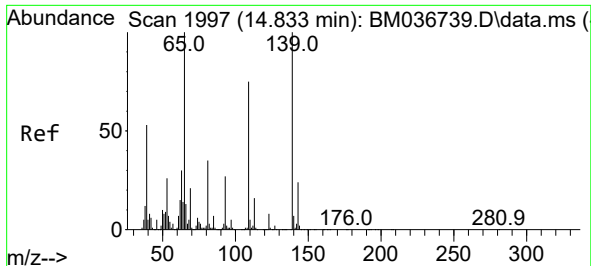
Tgt Ion:153 Resp: 2272595
Ion Ratio Lower Upper
153 100
152 48.3 38.2 57.2
154 89.2 71.0 106.6



#53
2,4-Dinitrophenol
Concen: 42.967 ng/ul
RT: 14.739 min Scan# 1981
Delta R.T. 0.006 min
Lab File: BM036756.D
Acq: 26 Sep 2022 21:49

Tgt Ion:184 Resp: 216105
Ion Ratio Lower Upper
184 100
63 70.7 58.8 88.2
154 63.9 55.0 82.4

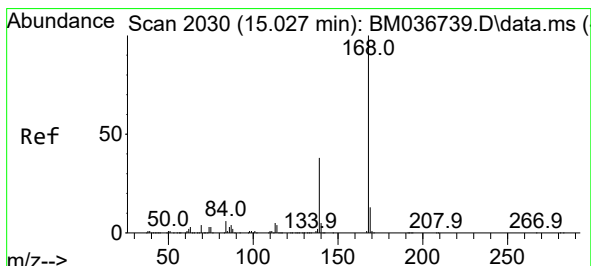
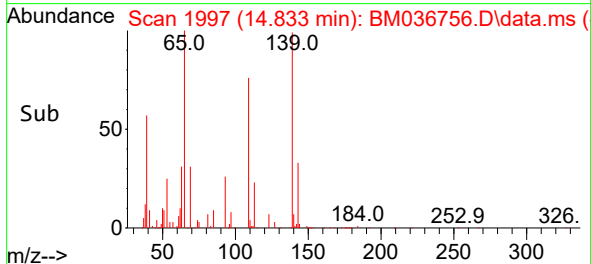
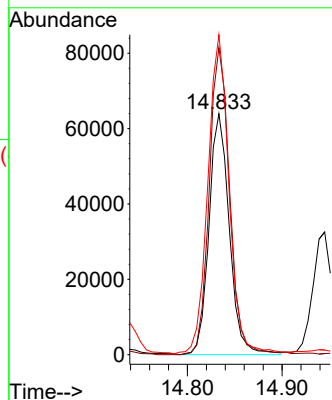
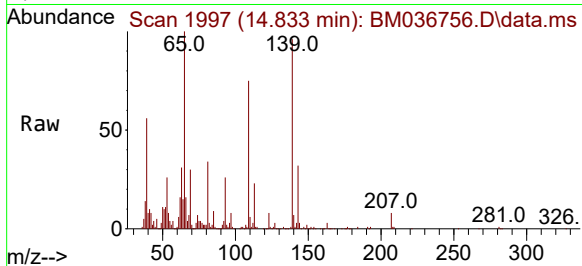




#55
4-Nitrophenol
Concen: 8.742 ng/ul
RT: 14.833 min Scan# 1997
Delta R.T. 0.000 min
Lab File: BM036756.D
Acq: 26 Sep 2022 21:49

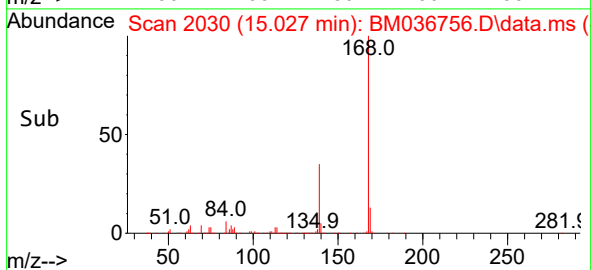
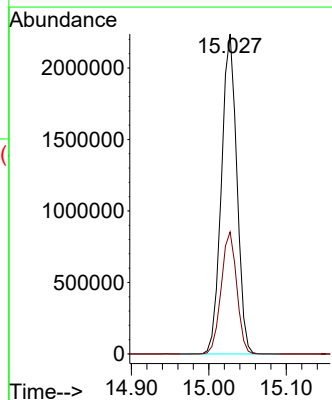
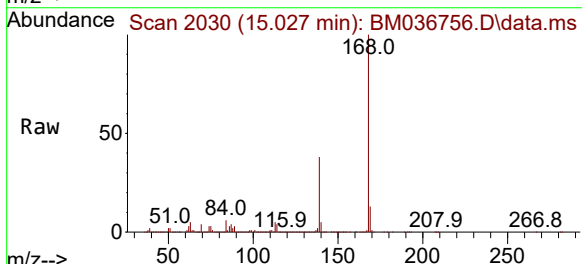
Instrument :
BNA_M
ClientSampleId :

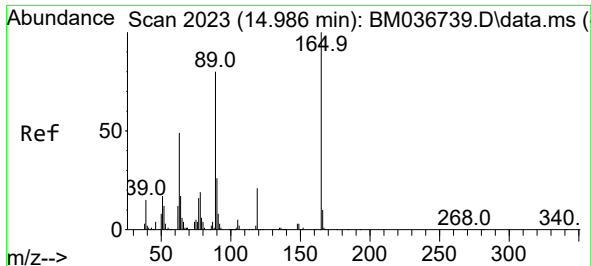
Tgt Ion	Ratio	Lower	Upper
109	100		
139	127.4	102.2	153.4
65	132.8	105.7	158.5



#56
Dibenzofuran
Concen: 36.902 ng/ul
RT: 15.027 min Scan# 2030
Delta R.T. 0.000 min
Lab File: BM036756.D
Acq: 26 Sep 2022 21:49

Tgt Ion	Ratio	Lower	Upper
168	100		
139	38.2	29.7	44.5





#57

2,4-Dinitrotoluene

Concen: 48.393 ng/ul

RT: 14.992 min Scan# 2024

Delta R.T. 0.006 min

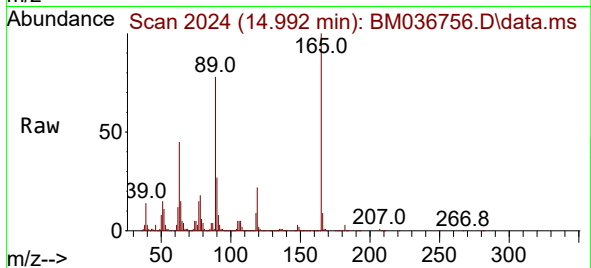
Lab File: BM036756.D

Acq: 26 Sep 2022 21:49

Instrument :

BNA_M

ClientSampleId :



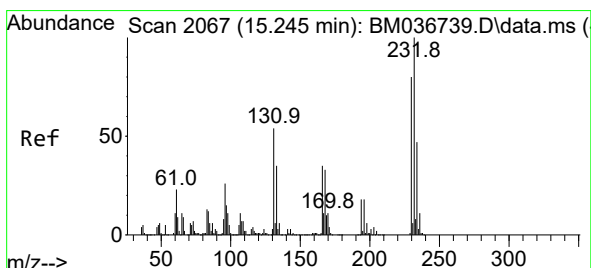
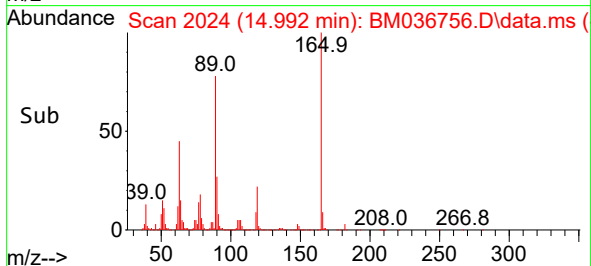
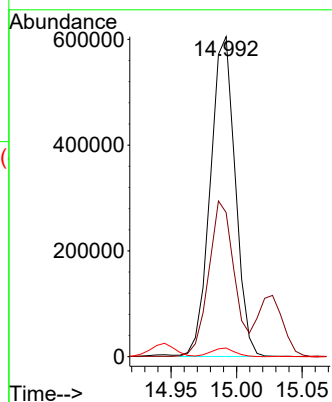
Tgt Ion:165 Resp: 797454

Ion Ratio Lower Upper

165 100

63 45.1 39.7 59.5

182 2.7 2.1 3.1



#58

2,3,4,6-Tetrachlorophenol

Concen: 39.707 ng/ul

RT: 15.251 min Scan# 2068

Delta R.T. 0.006 min

Lab File: BM036756.D

Acq: 26 Sep 2022 21:49

Tgt Ion:232 Resp: 601838

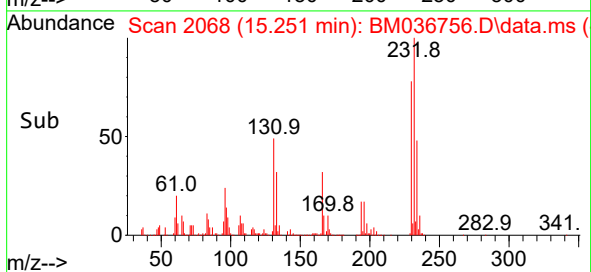
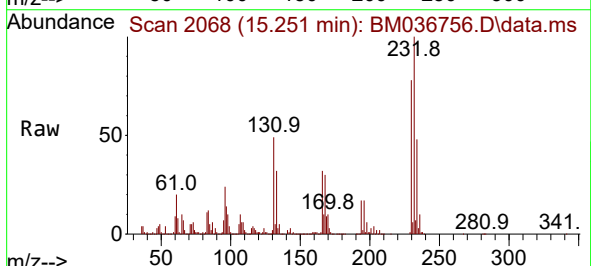
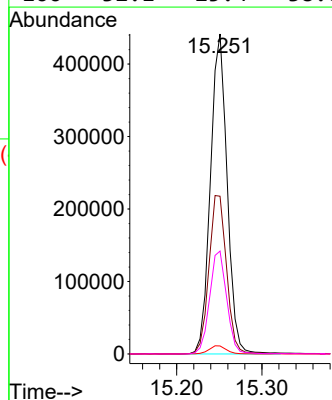
Ion Ratio Lower Upper

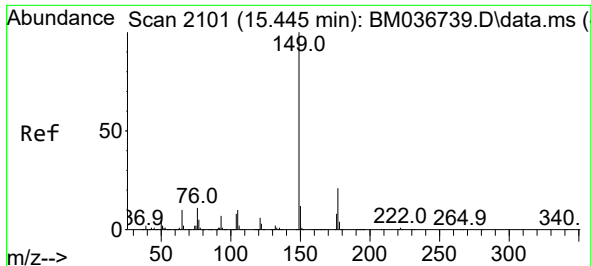
232 100

131 49.3 39.1 58.7

130 2.5 1.8 2.6

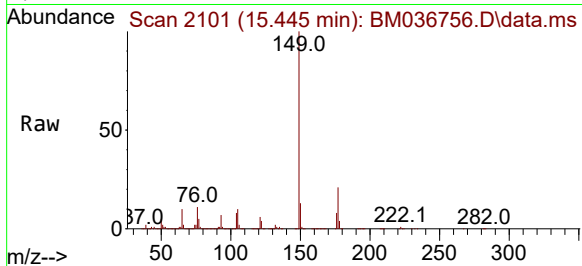
166 32.1 25.4 38.0



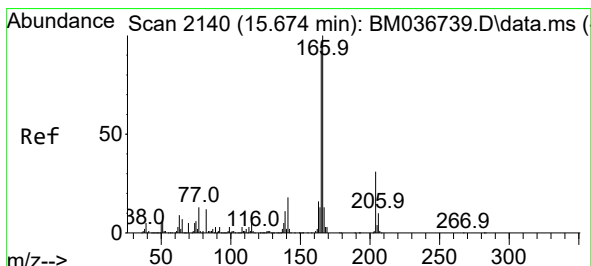
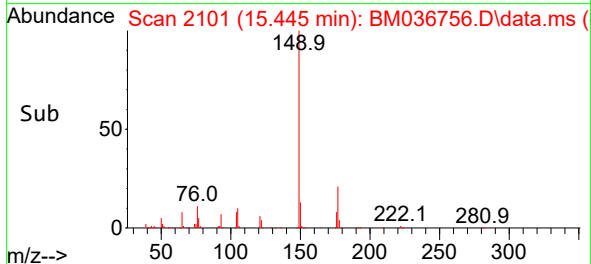
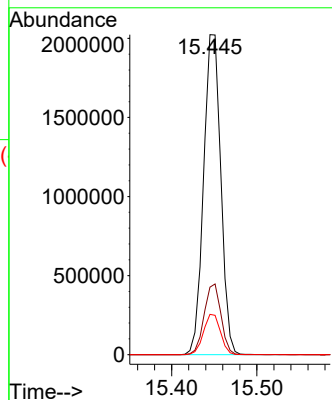


#59
Diethylphthalate
Concen: 40.668 ng/ul
RT: 15.445 min Scan# 2101
Delta R.T. 0.000 min
Lab File: BM036756.D
Acq: 26 Sep 2022 21:49

Instrument :
BNA_M
ClientSampleId :

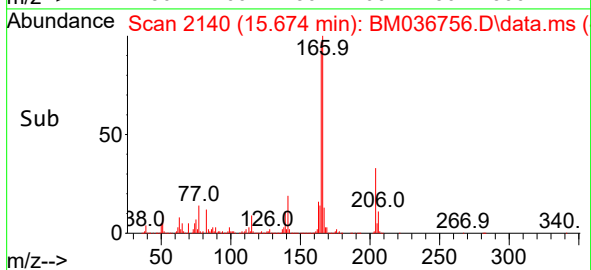
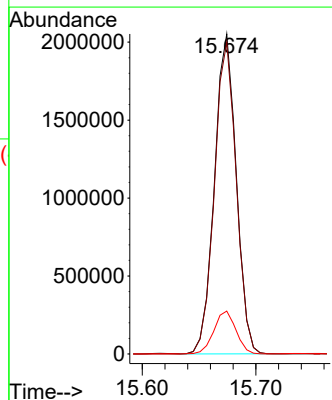
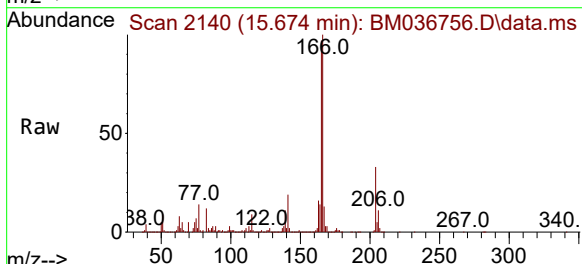


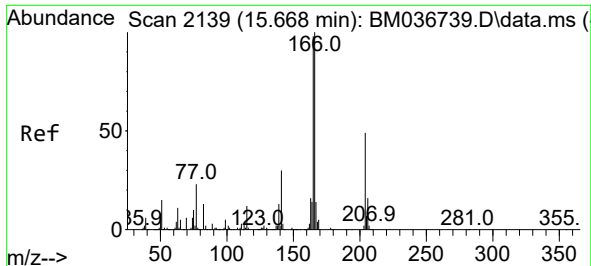
Tgt Ion:149 Resp: 2838352
Ion Ratio Lower Upper
149 100
177 21.1 17.3 25.9
150 12.6 10.1 15.1



#61
Fluorene
Concen: 38.396 ng/ul
RT: 15.674 min Scan# 2140
Delta R.T. 0.000 min
Lab File: BM036756.D
Acq: 26 Sep 2022 21:49

Tgt Ion:166 Resp: 2738917
Ion Ratio Lower Upper
166 100
165 97.5 78.5 117.7
167 13.4 10.4 15.6

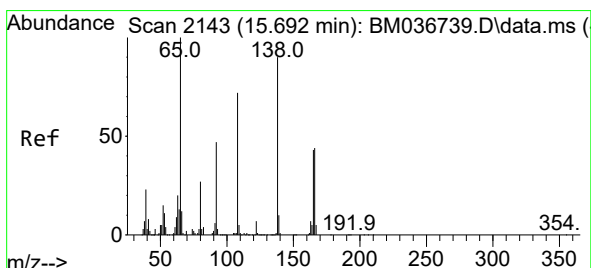
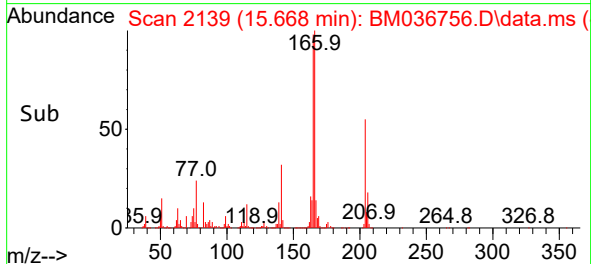
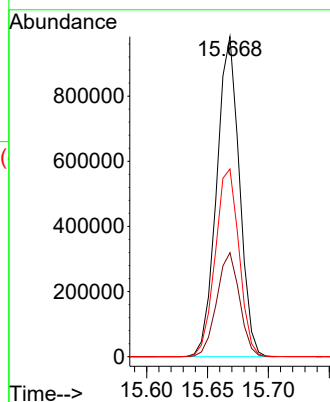
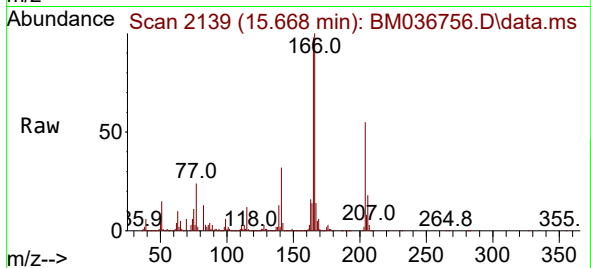




#62
4-Chlorophenyl-phenylether
Concen: 37.487 ng/ul
RT: 15.668 min Scan# 2139
Delta R.T. 0.000 min
Lab File: BM036756.D
Acq: 26 Sep 2022 21:49

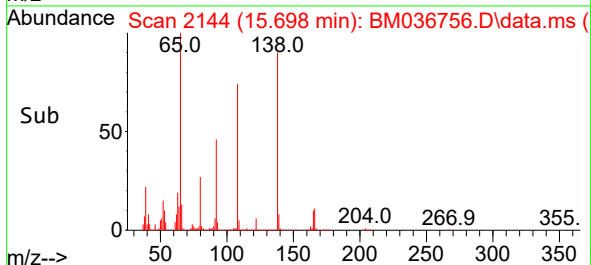
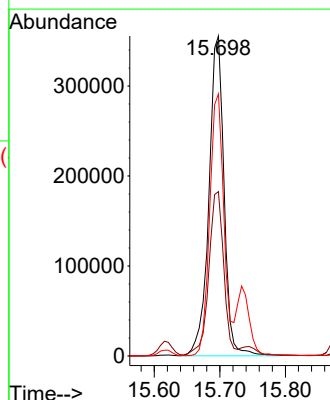
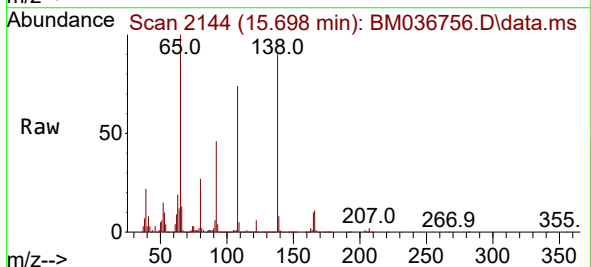
Instrument :
BNA_M
ClientSampleId :

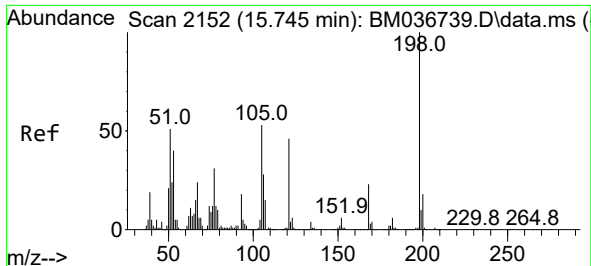
Tgt Ion:204 Resp: 1278869
Ion Ratio Lower Upper
204 100
206 32.5 25.7 38.5
141 58.7 49.4 74.0



#63
4-Nitroaniline
Concen: 43.384 ng/ul
RT: 15.698 min Scan# 2144
Delta R.T. 0.006 min
Lab File: BM036756.D
Acq: 26 Sep 2022 21:49

Tgt Ion:138 Resp: 573031
Ion Ratio Lower Upper
138 100
92 51.3 42.1 63.1
108 81.9 66.2 99.2

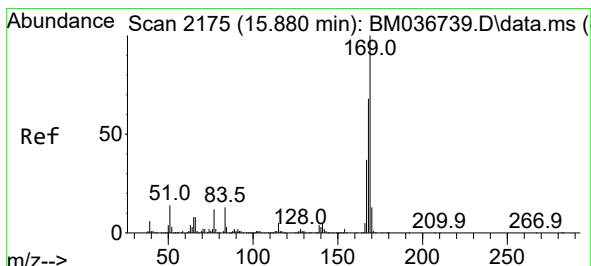
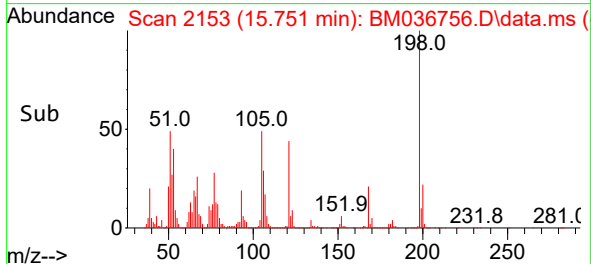
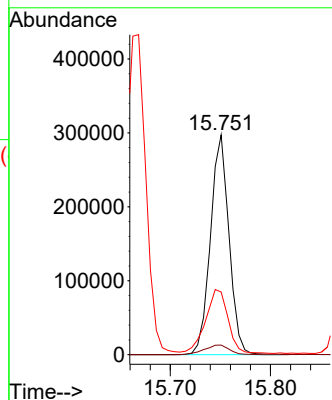
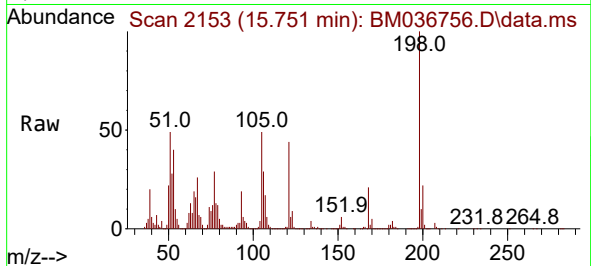




#66
 4,6-Dinitro-2-methylphenol
 Concen: 44.534 ng/ul
 RT: 15.751 min Scan# 2153
 Delta R.T. 0.006 min
 Lab File: BM036756.D
 Acq: 26 Sep 2022 21:49

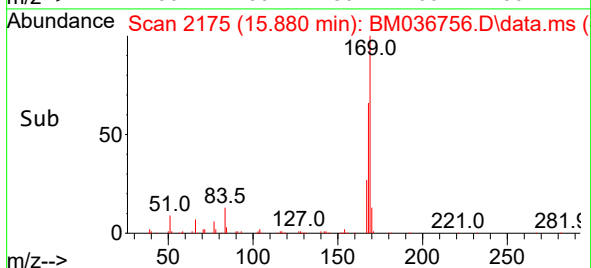
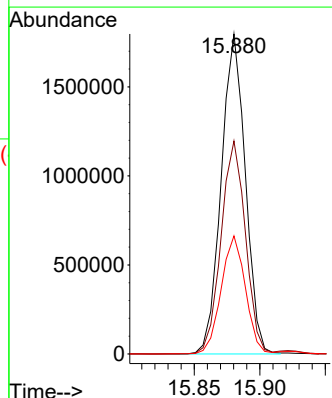
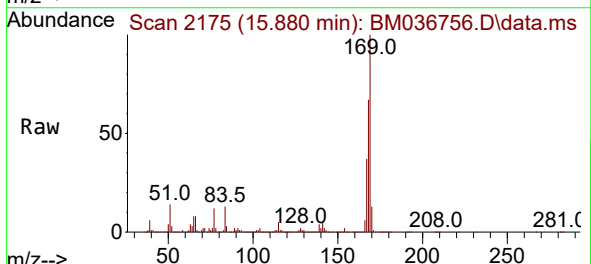
Instrument :
 BNA_M
 ClientSampleId :

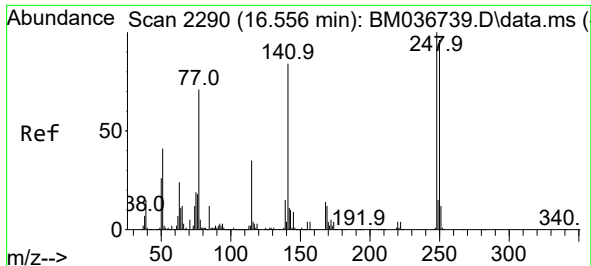
Tgt Ion:198 Resp: 382821
 Ion Ratio Lower Upper
 198 100
 182 4.3 4.2 6.2
 77 28.5 24.0 36.0



#67
 N-Nitrosodiphenylamine
 Concen: 40.481 ng/ul
 RT: 15.880 min Scan# 2175
 Delta R.T. 0.000 min
 Lab File: BM036756.D
 Acq: 26 Sep 2022 21:49

Tgt Ion:169 Resp: 2295581
 Ion Ratio Lower Upper
 169 100
 168 66.6 54.6 81.8
 167 36.9 29.6 44.4

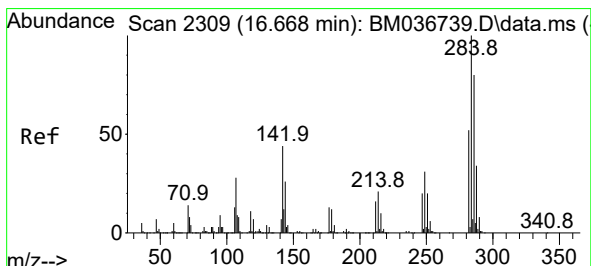
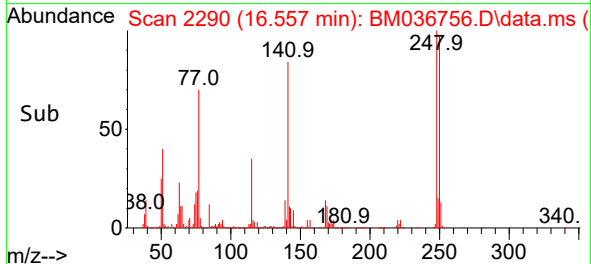
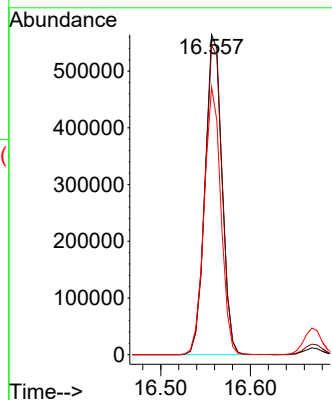
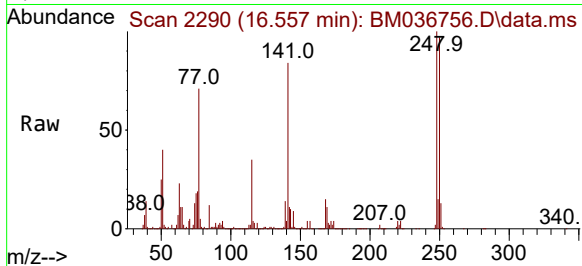




#68
4-Bromophenyl-phenylether
Concen: 39.112 ng/ul
RT: 16.557 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM036756.D
Acq: 26 Sep 2022 21:49

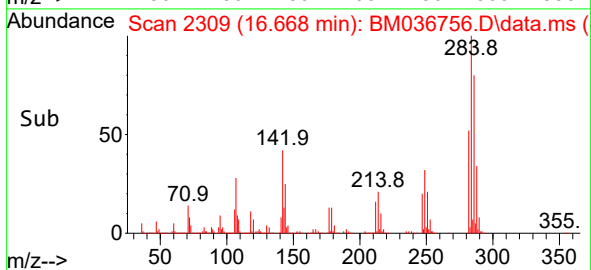
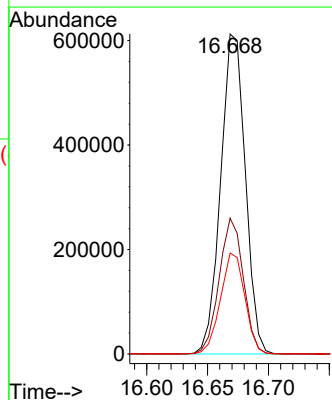
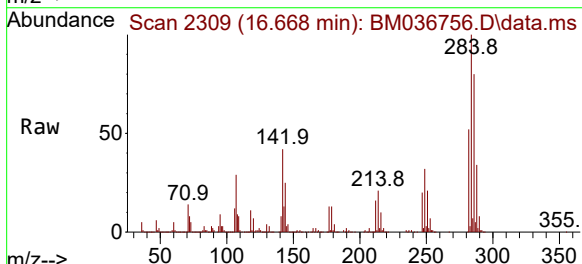
Instrument :
BNA_M
ClientSampleId :

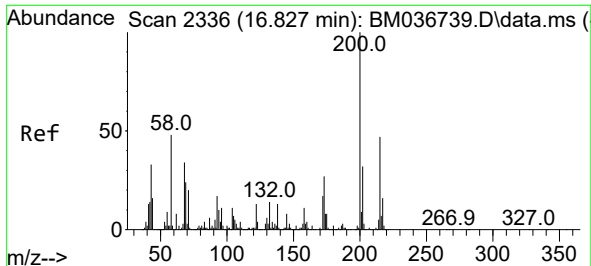
Tgt Ion:248 Resp: 742242
Ion Ratio Lower Upper
248 100
250 96.7 78.9 118.3
141 83.6 65.7 98.5



#69
Hexachlorobenzene
Concen: 38.540 ng/ul
RT: 16.668 min Scan# 2309
Delta R.T. 0.000 min
Lab File: BM036756.D
Acq: 26 Sep 2022 21:49

Tgt Ion:284 Resp: 865050
Ion Ratio Lower Upper
284 100
142 42.4 30.8 46.2
249 31.6 24.2 36.2

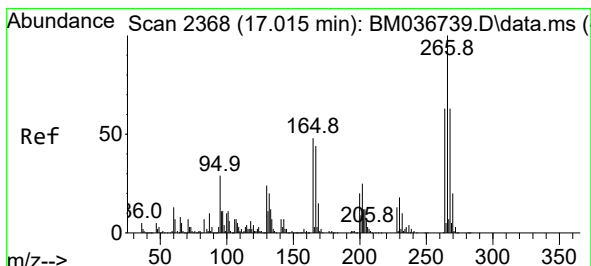
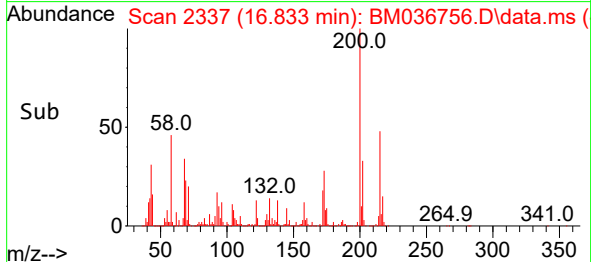
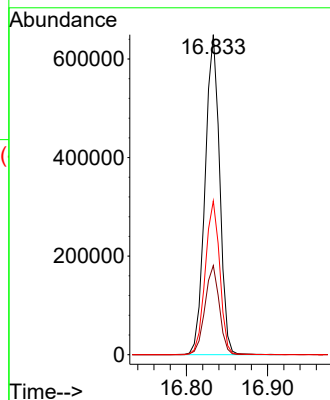
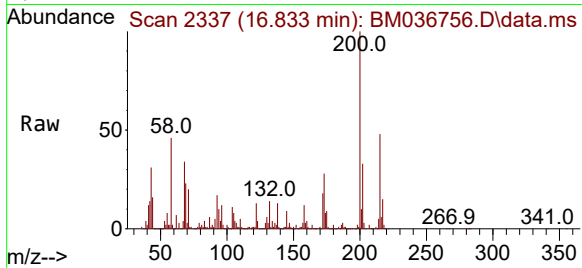




#70
 Atrazine
 Concen: 40.280 ng/ul
 RT: 16.833 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BM036756.D
 Acq: 26 Sep 2022 21:49

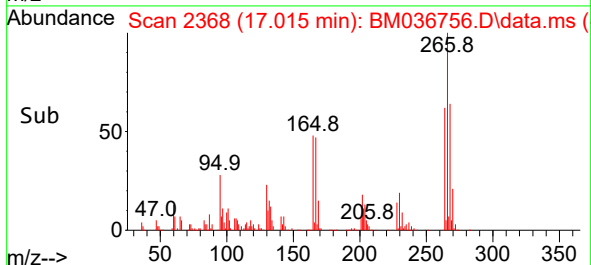
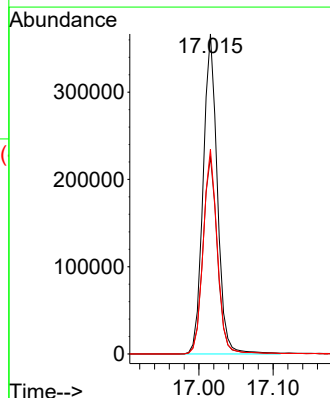
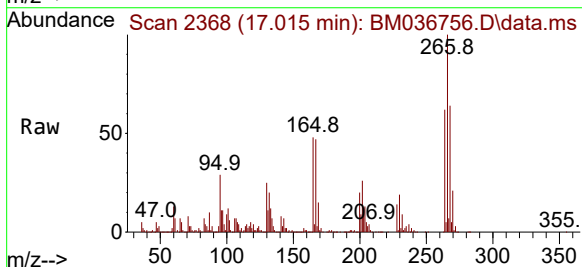
Instrument :
 BNA_M
 ClientSampleId :

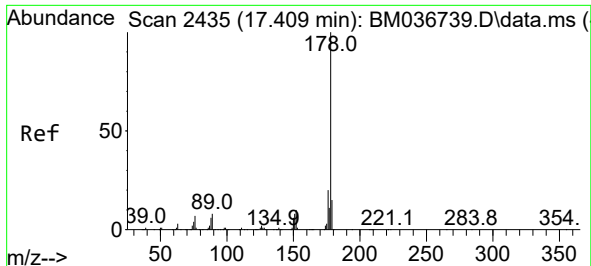
Tgt Ion:200 Resp: 806035
 Ion Ratio Lower Upper
 200 100
 173 27.8 21.8 32.6
 215 48.0 39.4 59.2



#71
 Pentachlorophenol
 Concen: 36.587 ng/ul
 RT: 17.015 min Scan# 2368
 Delta R.T. 0.000 min
 Lab File: BM036756.D
 Acq: 26 Sep 2022 21:49

Tgt Ion:266 Resp: 487805
 Ion Ratio Lower Upper
 266 100
 264 61.7 49.7 74.5
 268 64.0 51.8 77.6

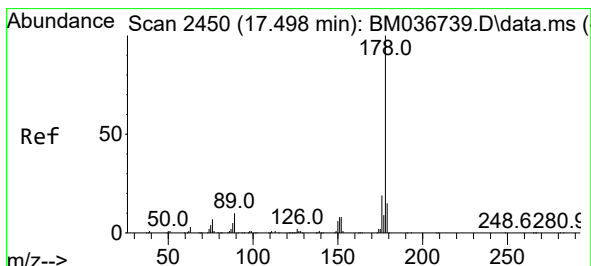
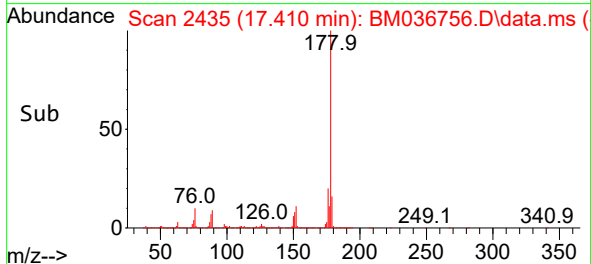
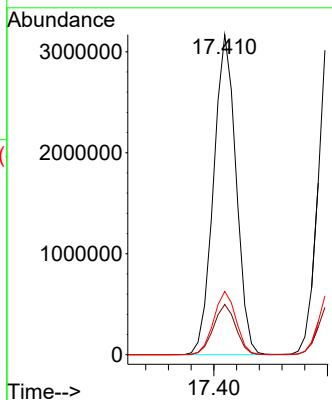
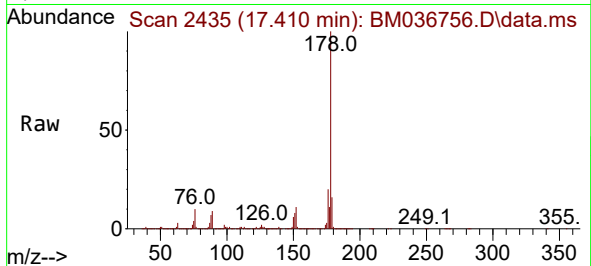




#72
Phenanthrene
Concen: 41.102 ng/ul
RT: 17.410 min Scan# 2435
Delta R.T. 0.000 min
Lab File: BM036756.D
Acq: 26 Sep 2022 21:49

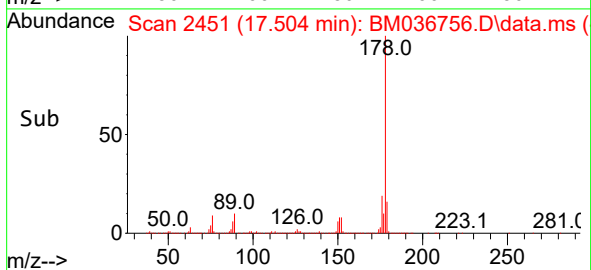
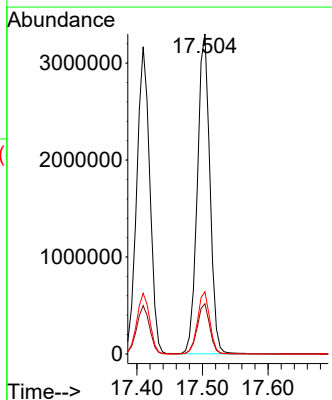
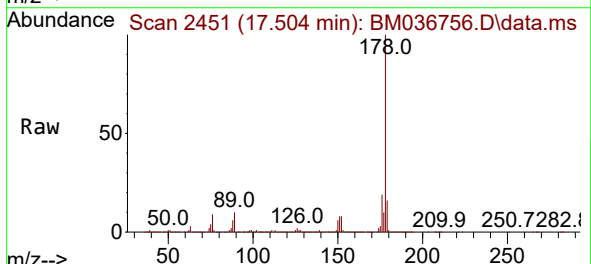
Instrument :
BNA_M
ClientSampleId :

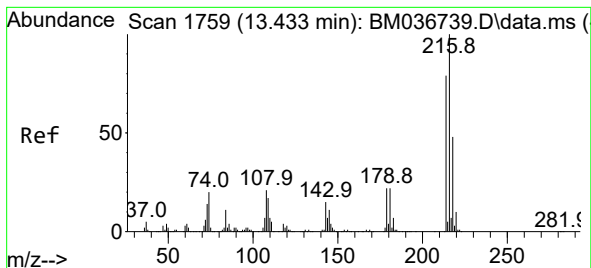
Tgt Ion:178 Resp: 4358946
Ion Ratio Lower Upper
178 100
179 15.7 12.2 18.2
176 19.7 15.7 23.5



#74
Anthracene
Concen: 40.738 ng/ul
RT: 17.504 min Scan# 2451
Delta R.T. 0.006 min
Lab File: BM036756.D
Acq: 26 Sep 2022 21:49

Tgt Ion:178 Resp: 4391370
Ion Ratio Lower Upper
178 100
179 15.7 12.3 18.5
176 19.5 15.0 22.6

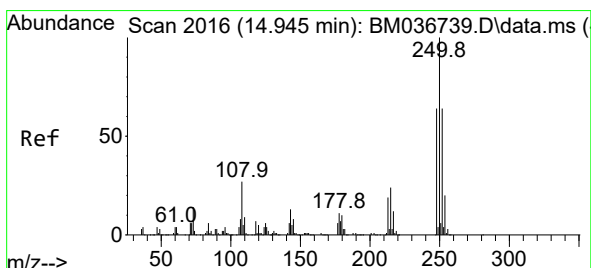
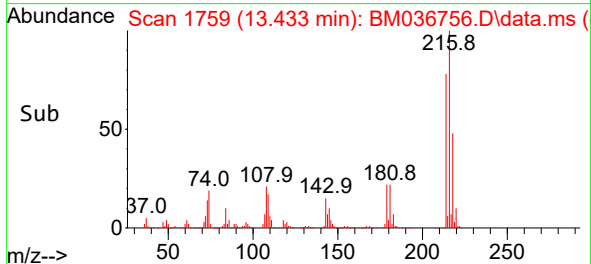
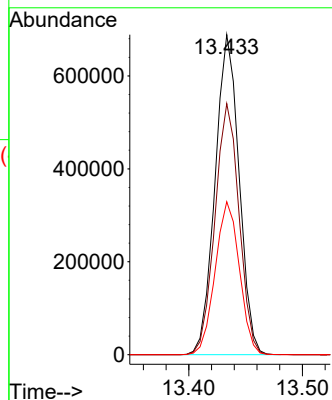
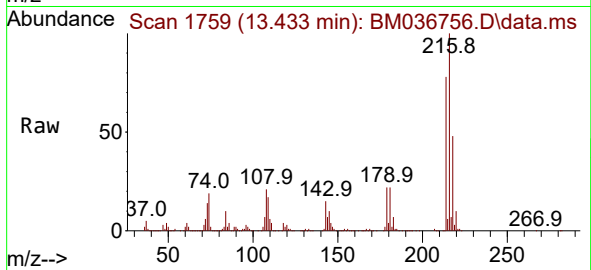




#75
1,2,3,4-Tetrachlorobenzene
Concen: 38.478 ng/uL
RT: 13.433 min Scan# 1759
Delta R.T. 0.000 min
Lab File: BM036756.D
Acq: 26 Sep 2022 21:49

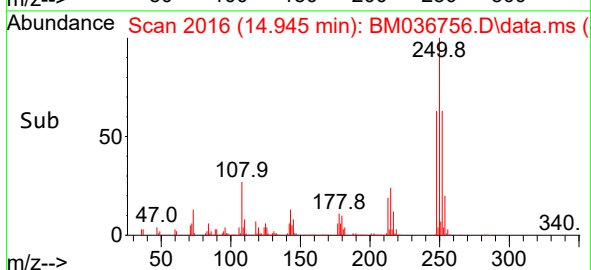
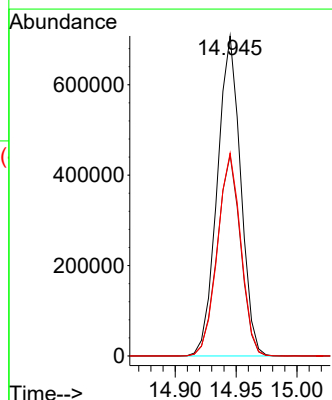
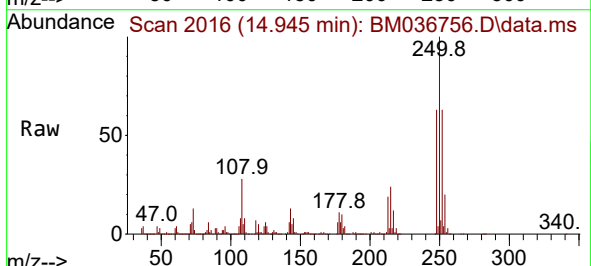
Instrument :
BNA_M
ClientSampleId :

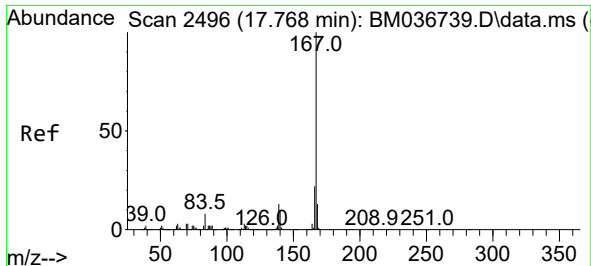
Tgt Ion:216 Resp: 1013259
Ion Ratio Lower Upper
216 100
214 78.5 62.6 94.0
218 47.8 38.2 57.2



#76
Pentachlorobenzene
Concen: 33.191 ng/uL
RT: 14.945 min Scan# 2016
Delta R.T. 0.000 min
Lab File: BM036756.D
Acq: 26 Sep 2022 21:49

Tgt Ion:250 Resp: 945352
Ion Ratio Lower Upper
250 100
248 62.8 50.2 75.2
252 63.4 50.5 75.7

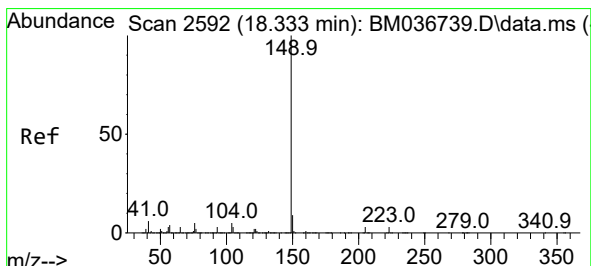
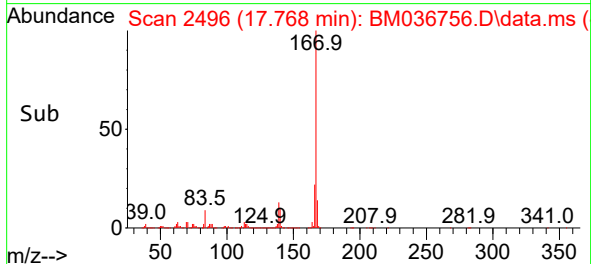
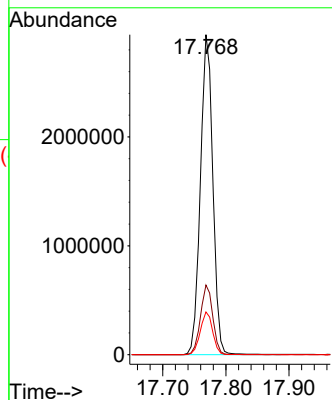
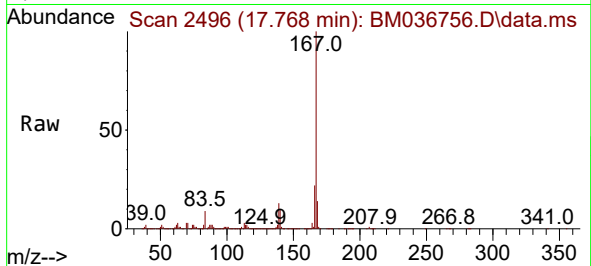




#77
 Carbazole
 Concen: 40.184 ng/ul
 RT: 17.768 min Scan# 2496
 Delta R.T. 0.000 min
 Lab File: BM036756.D
 Acq: 26 Sep 2022 21:49

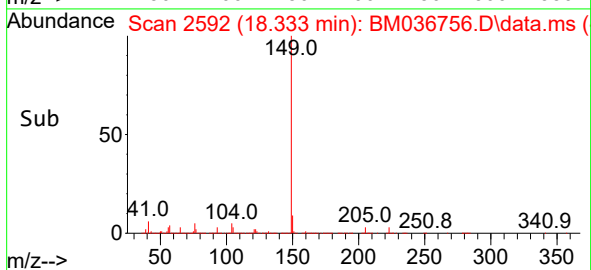
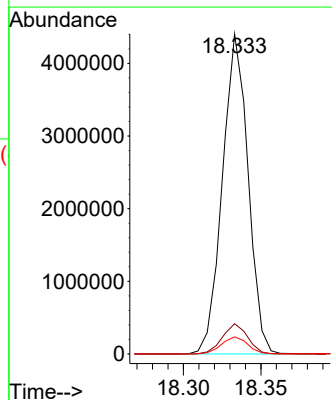
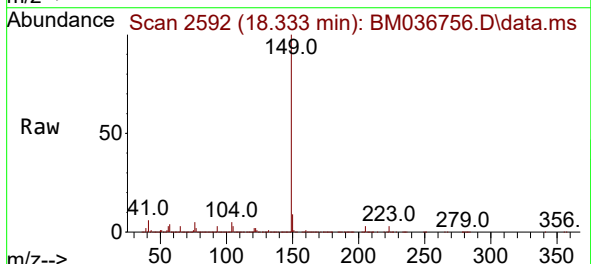
Instrument :
 BNA_M
 ClientSampleId :

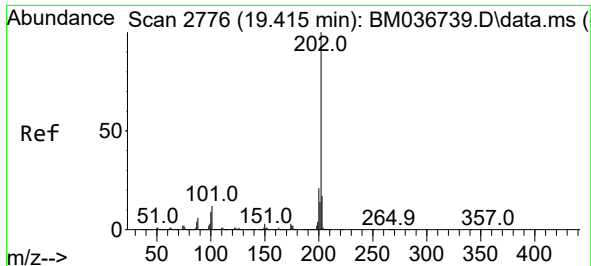
Tgt Ion:167 Resp: 4010368
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.2 25.8
 139 13.4 10.6 15.8



#78
 Di-n-butylphthalate
 Concen: 44.779 ng/ul
 RT: 18.333 min Scan# 2592
 Delta R.T. 0.000 min
 Lab File: BM036756.D
 Acq: 26 Sep 2022 21:49

Tgt Ion:149 Resp: 5065277
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.2 10.8
 104 5.4 4.3 6.5

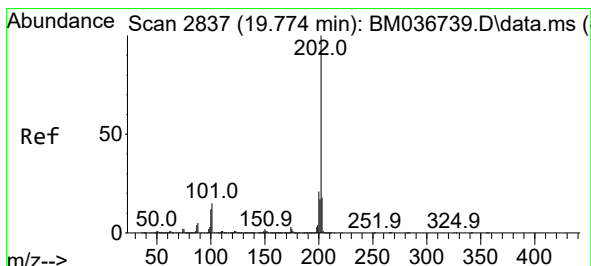
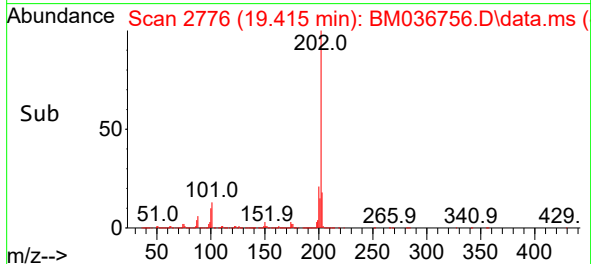
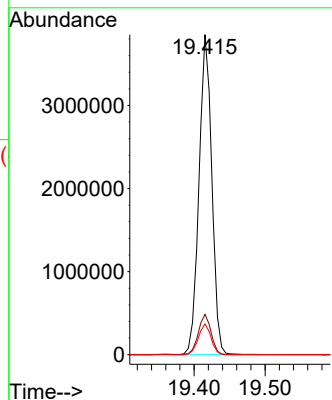
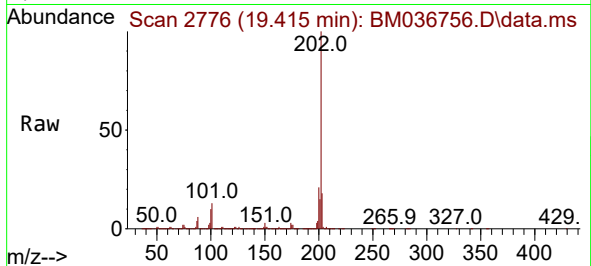




#80
Fluoranthene
Concen: 50.337 ng/ul
RT: 19.415 min Scan# 2776
Delta R.T. 0.000 min
Lab File: BM036756.D
Acq: 26 Sep 2022 21:49

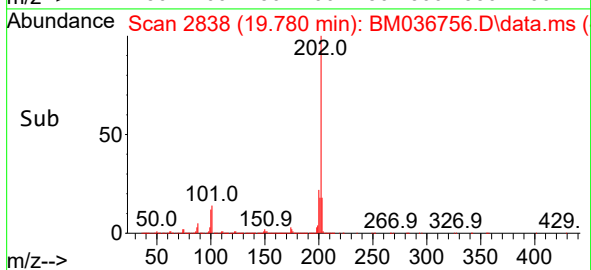
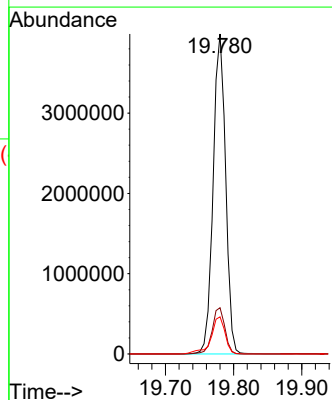
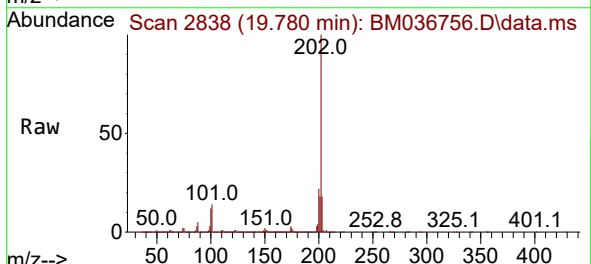
Instrument :
BNA_M
ClientSampleId :

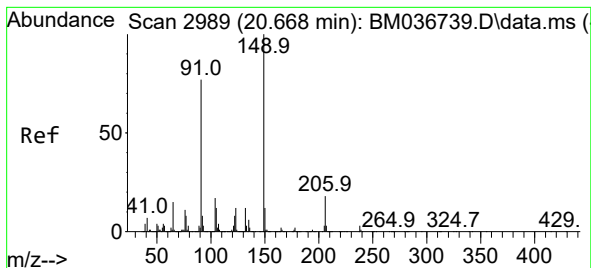
Tgt Ion:202 Resp: 4840369
Ion Ratio Lower Upper
202 100
101 12.6 9.8 14.6
100 9.6 7.4 11.2



#82
Pyrene
Concen: 49.820 ng/ul
RT: 19.780 min Scan# 2838
Delta R.T. 0.006 min
Lab File: BM036756.D
Acq: 26 Sep 2022 21:49

Tgt Ion:202 Resp: 5071013
Ion Ratio Lower Upper
202 100
101 14.5 10.9 16.3
100 11.6 8.7 13.1





#83

Butylbenzylphthalate

Concen: 55.266 ng/ul

RT: 20.674 min Scan# 2989

Delta R.T. 0.006 min

Lab File: BM036756.D

Acq: 26 Sep 2022 21:49

Instrument :

BNA_M

ClientSampleId :

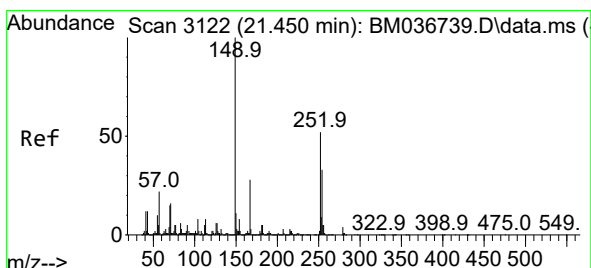
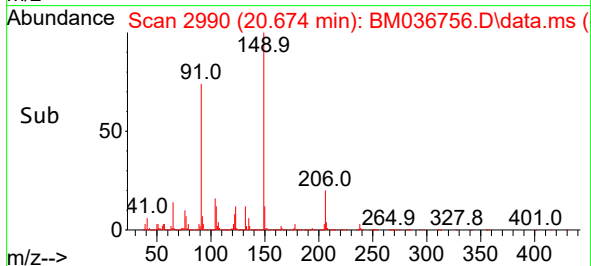
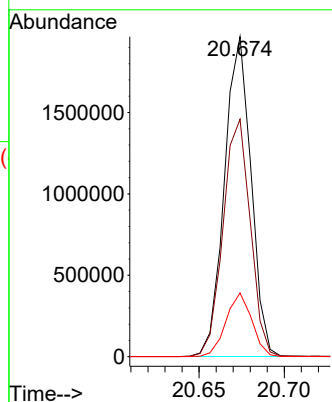
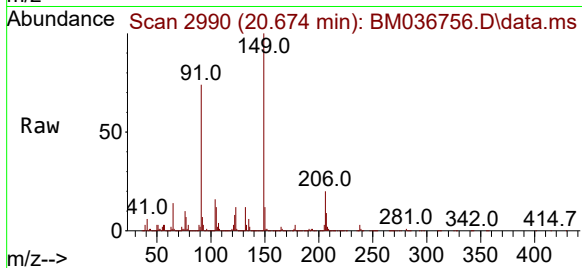
Tgt Ion:149 Resp: 2131554

Ion Ratio Lower Upper

149 100

91 74.2 55.2 82.8

206 19.9 16.2 24.2



#84

3,3'-Dichlorobenzidine

Concen: 39.775 ng/ul

RT: 21.450 min Scan# 3122

Delta R.T. 0.000 min

Lab File: BM036756.D

Acq: 26 Sep 2022 21:49

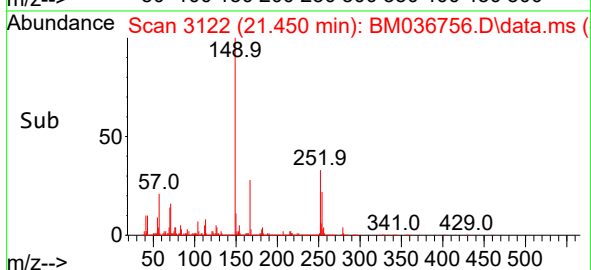
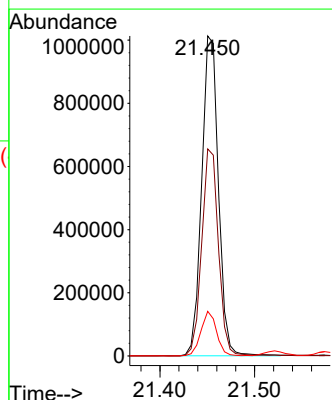
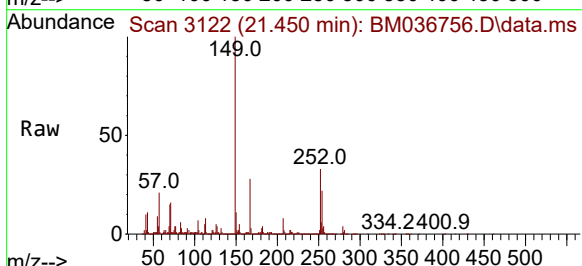
Tgt Ion:252 Resp: 1239633

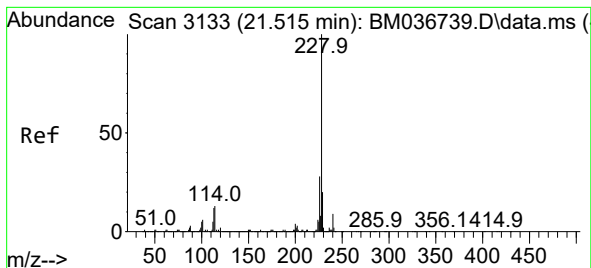
Ion Ratio Lower Upper

252 100

254 64.7 53.0 79.4

126 14.0 10.4 15.6





#85

Benzo(a)anthracene

Concen: 42.762 ng/ul

RT: 21.521 min Scan# 3133

Delta R.T. 0.006 min

Lab File: BM036756.D

Acq: 26 Sep 2022 21:49

Instrument :

BNA_M

ClientSampleId :

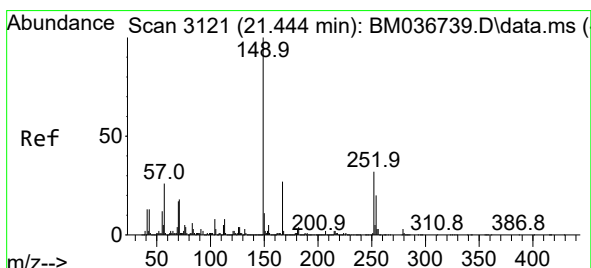
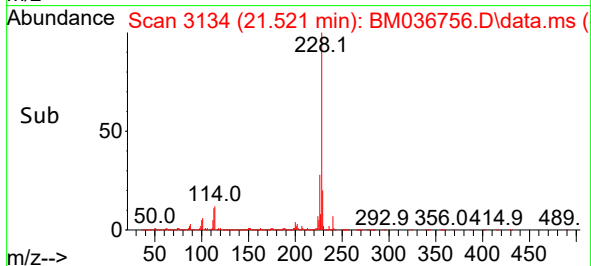
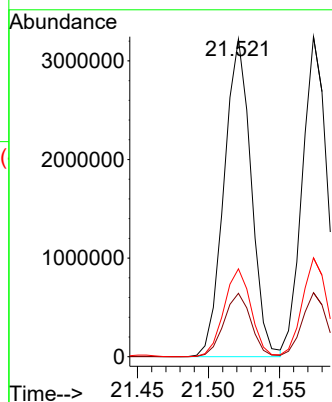
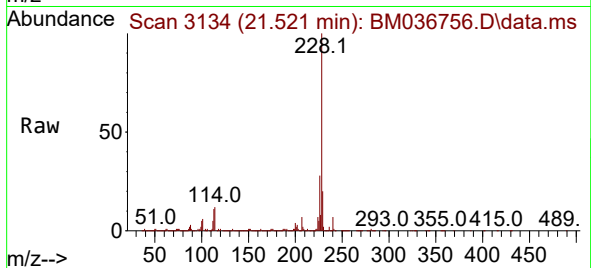
Tgt Ion:228 Resp: 4273650

Ion Ratio Lower Upper

228 100

229 20.0 15.8 23.8

226 27.6 21.9 32.9



#86

Bis(2-ethylhexyl)phthalate

Concen: 59.003 ng/ul

RT: 21.445 min Scan# 3121

Delta R.T. 0.000 min

Lab File: BM036756.D

Acq: 26 Sep 2022 21:49

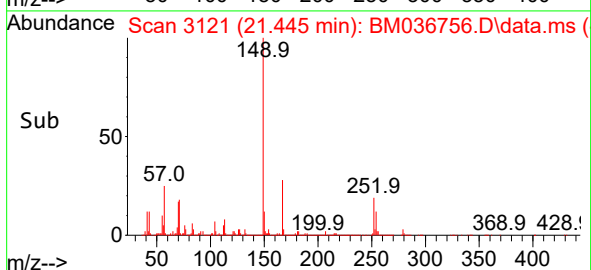
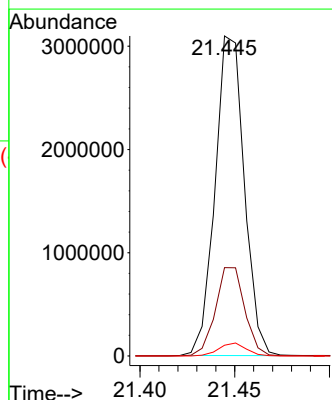
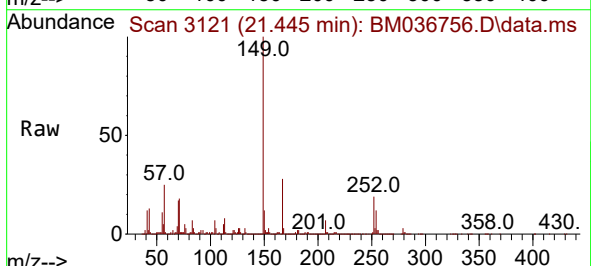
Tgt Ion:149 Resp: 3324269

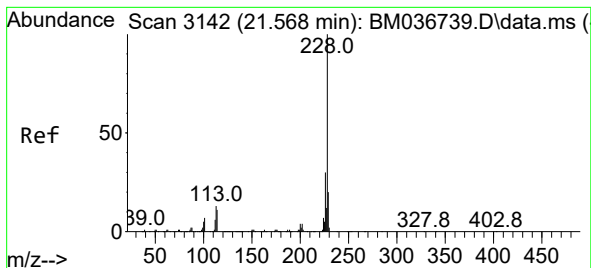
Ion Ratio Lower Upper

149 100

167 27.6 22.0 33.0

279 3.4 3.3 4.9





#87

Chrysene

Concen: 41.540 ng/ul

RT: 21.574 min Scan# 3143

Delta R.T. 0.006 min

Lab File: BM036756.D

Acq: 26 Sep 2022 21:49

Instrument :

BNA_M

ClientSampleId :

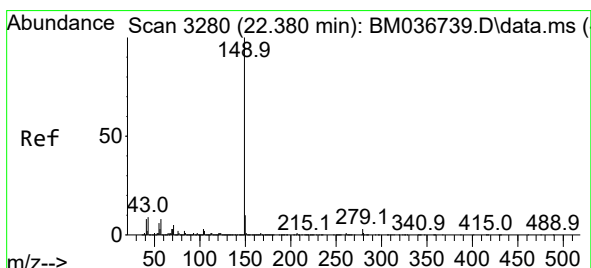
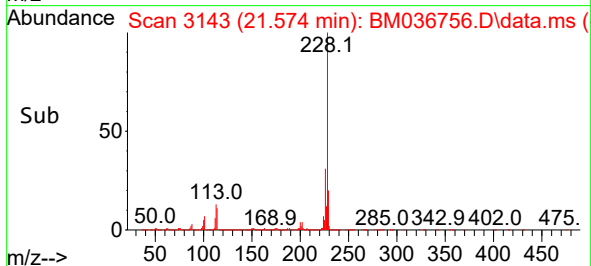
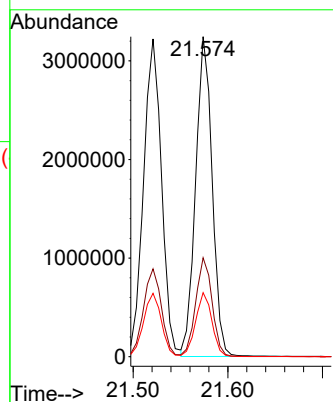
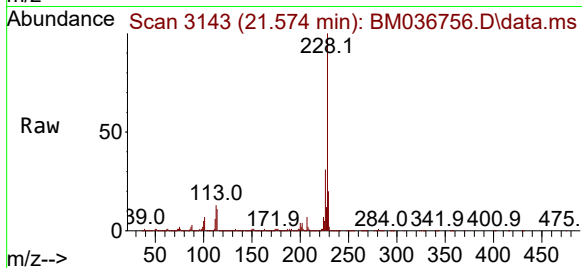
Tgt Ion:228 Resp: 3940493

Ion Ratio Lower Upper

228 100

226 30.9 24.4 36.6

229 20.0 15.6 23.4



#89

Di-n-octyl phthalate

Concen: 65.312 ng/ul

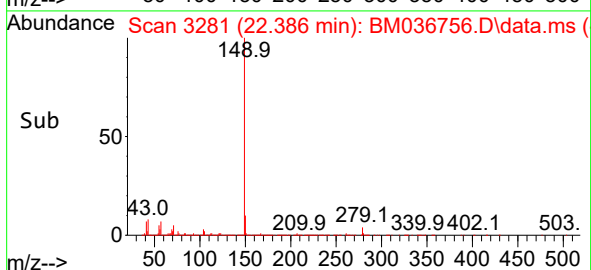
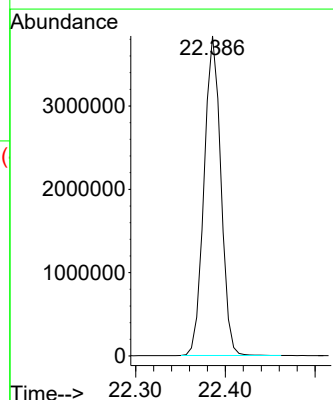
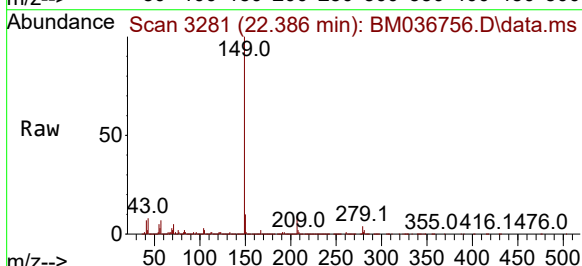
RT: 22.386 min Scan# 3281

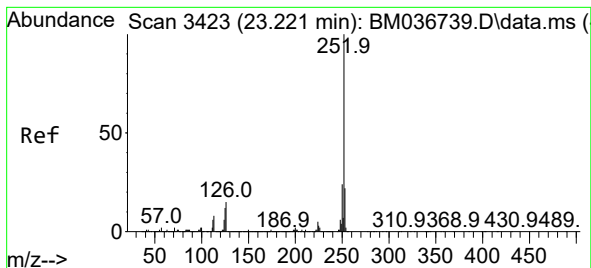
Delta R.T. 0.006 min

Lab File: BM036756.D

Acq: 26 Sep 2022 21:49

Tgt Ion:149 Resp: 4981102





#90

Benzo(b)fluoranthene

Concen: 45.486 ng/ul

RT: 23.227 min Scan# 3423

Delta R.T. 0.006 min

Lab File: BM036756.D

Acq: 26 Sep 2022 21:49

Instrument :

BNA_M

ClientSampleId :

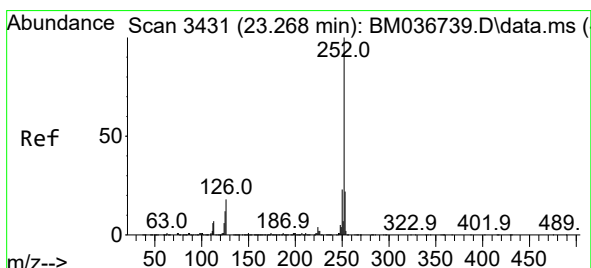
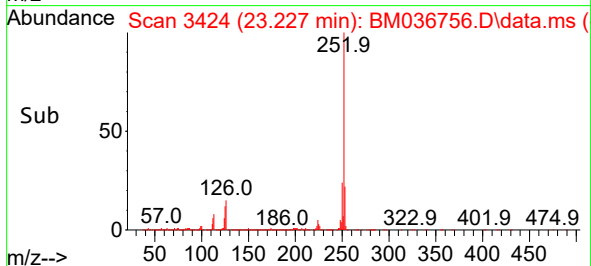
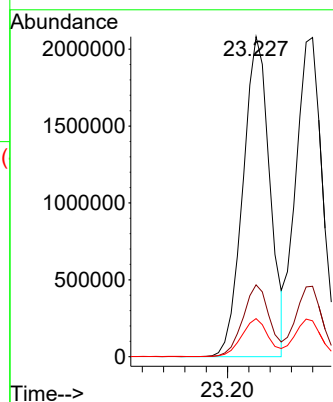
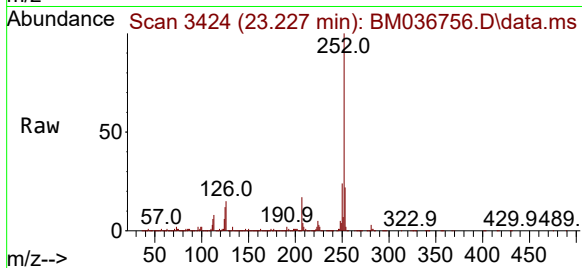
Tgt Ion:252 Resp: 3648965

Ion Ratio Lower Upper

252 100

253 22.4 17.6 26.4

125 11.9 9.1 13.7



#91

Benzo(k)fluoranthene

Concen: 44.588 ng/ul

RT: 23.280 min Scan# 3433

Delta R.T. 0.012 min

Lab File: BM036756.D

Acq: 26 Sep 2022 21:49

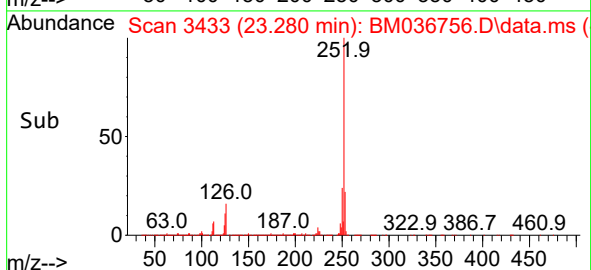
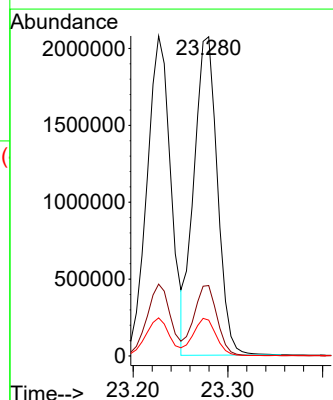
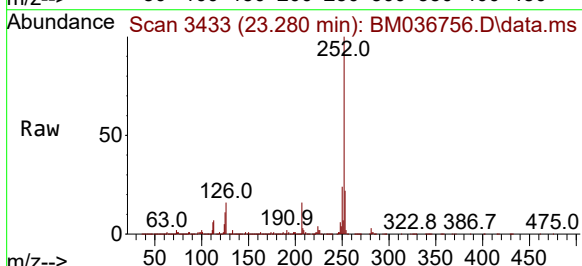
Tgt Ion:252 Resp: 3574091

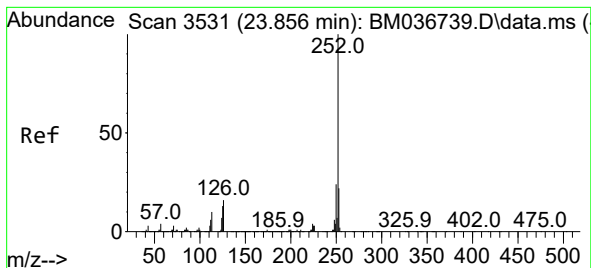
Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.8

125 11.2 8.2 12.4





#93

Benzo(a)pyrene

Concen: 43.547 ng/ul

RT: 23.862 min Scan# 3

Delta R.T. 0.006 min

Lab File: BM036756.D

Acq: 26 Sep 2022 21:49

Instrument :

BNA_M

ClientSampleId :

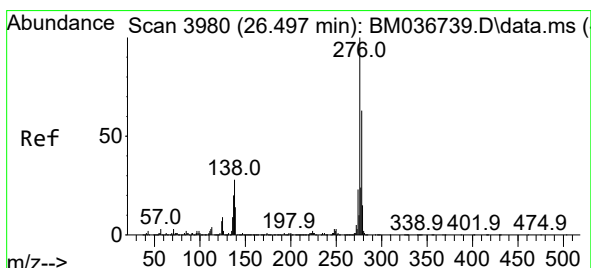
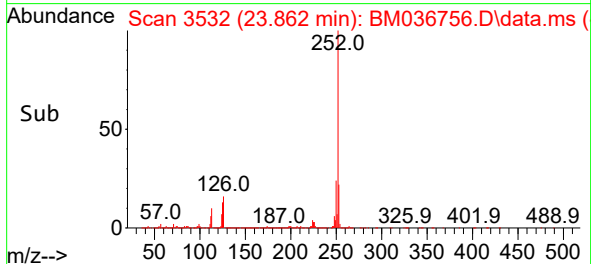
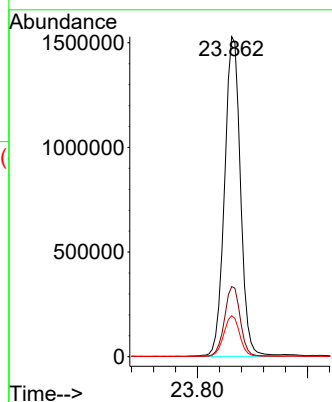
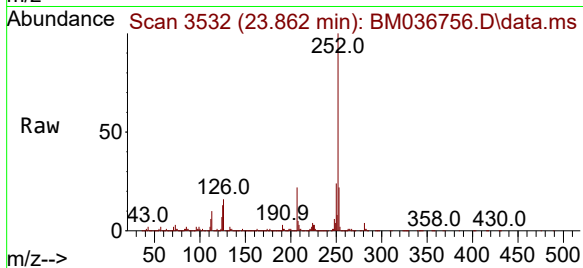
Tgt Ion:252 Resp: 3071052

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: 39.689 ng/ul

RT: 26.503 min Scan# 3981

Delta R.T. 0.006 min

Lab File: BM036756.D

Acq: 26 Sep 2022 21:49

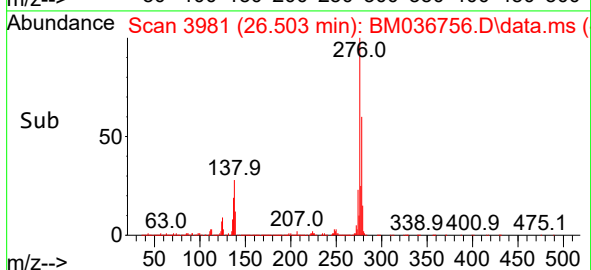
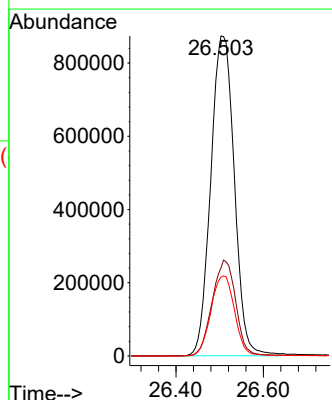
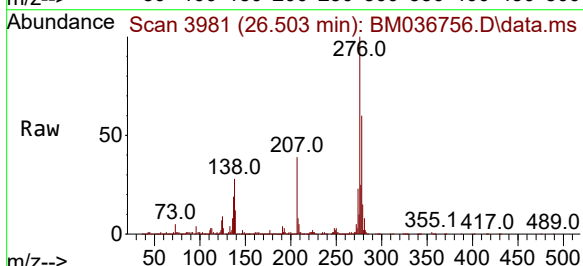
Tgt Ion:276 Resp: 3268619

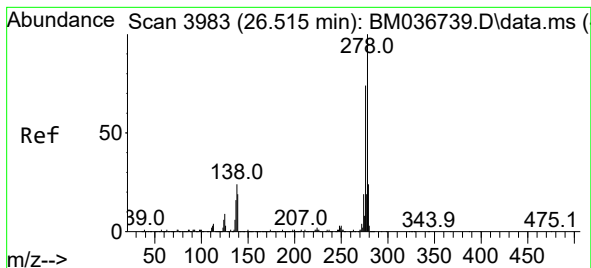
Ion Ratio Lower Upper

276 100

138 27.6 20.2 30.4

277 24.6 19.7 29.5





#95

Dibenzo(a,h)anthracene

Concen: 39.546 ng/ul

RT: 26.527 min Scan# 3985

Delta R.T. 0.012 min

Lab File: BM036756.D

Acq: 26 Sep 2022 21:49

Instrument :

BNA_M

ClientSampleId :

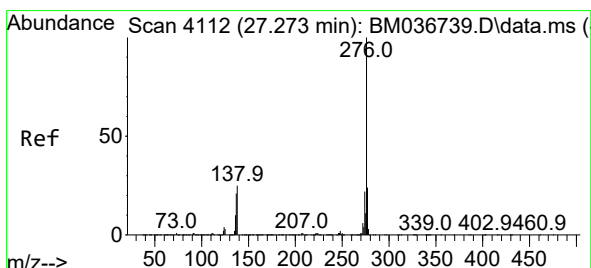
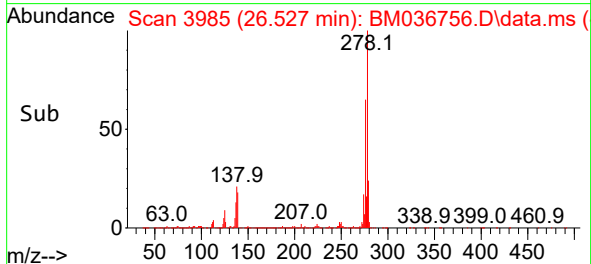
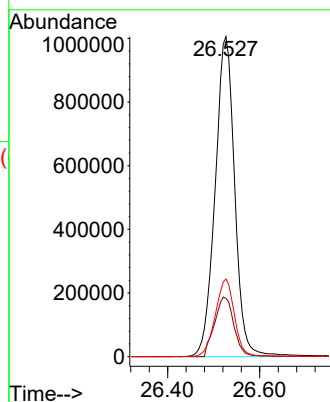
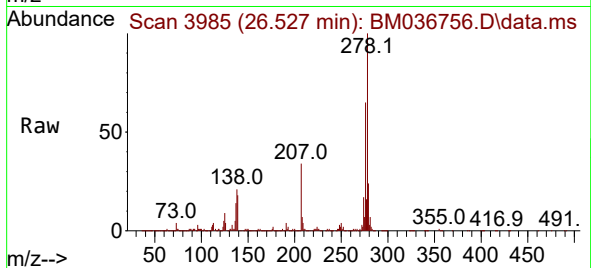
Tgt Ion:278 Resp: 2953551

Ion Ratio Lower Upper

278 100

139 18.3 14.5 21.7

279 24.2 19.7 29.5



#96

Benzo(g,h,i)perylene

Concen: 39.953 ng/ul

RT: 27.285 min Scan# 4114

Delta R.T. 0.012 min

Lab File: BM036756.D

Acq: 26 Sep 2022 21:49

Tgt Ion:276 Resp: 2852436

Ion Ratio Lower Upper

276 100

138 24.7 18.7 28.1

277 24.1 19.2 28.8

