

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092622\
 Data File : BM036739.D
 Acq On : 26 Sep 2022 11:13
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Sep 26 23:12:04 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	340365	20.000	ng/ul	0.00
20) Naphthalene-d8	10.816	136	1487684	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.627	164	904828	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.368	188	1758046	20.000	ng/ul	0.00
79) Chrysene-d12	21.533	240	1411068	20.000	ng/ul	0.00
88) Perylene-d12	23.968	264	1180343	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	64570	7.112	ng/uL	0.00
4) Pyridine-d5	3.810	84	484192	18.286	ng/ul	0.00
7) Phenol-d5	7.163	99	573816	18.865	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.333	67	357110	19.333	ng/ul	0.00
11) 2-Chlorophenol-d4	7.534	132	440551	20.118	ng/ul	0.00
15) 4-Methylphenol-d8	8.716	113	450693	20.053	ng/ul	0.00
21) Nitrobenzene-d5	9.169	128	222101	22.057	ng/ul	0.00
24) 2-Nitrophenol-d4	9.892	143	208798	23.150	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.433	165	428910	20.520	ng/ul	0.00
31) 4-Chloroaniline-d4	10.951	131	653057	18.792	ng/ul	0.00
46) Dimethylphthalate-d6	14.039	166	1181096	19.354	ng/ul	0.00
49) Acenaphthylene-d8	14.321	160	1409404	19.470	ng/ul	0.00
54) 4-Nitrophenol-d4	14.821	143	194570	16.438	ng/ul	0.00
60) Fluorene-d10	15.615	176	1066631	19.504	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.733	200	119164	17.132	ng/ul	0.00
73) Anthracene-d10	17.462	188	1562923	19.444	ng/ul	0.00
81) Pyrene-d10	19.744	212	1627822	23.449	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.803	264	1149233	19.929	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.422	88	70522	7.210	ng/uL	94
5) Pyridine	3.834	79	486885	18.302	ng/ul	96
6) Benzaldehyde	7.139	77	321528	21.829	ng/ul	96
8) Phenol	7.186	94	615968	18.869	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.422	93	491352	19.345	ng/ul	100
12) 2-Chlorophenol	7.563	128	480100	20.267	ng/ul	99
13) 2-Methylphenol	8.445	108	463244	19.306	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.539	45	593167	19.704	ng/ul	99
16) Acetophenone	8.833	105	769548	19.740	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.816	70	378099	20.101	ng/ul	98
18) 4-Methylphenol	8.775	108	513974	19.808	ng/ul	99
19) Hexachloroethane	9.092	117	188444	19.640	ng/ul	96
22) Nitrobenzene	9.210	77	571327	21.370	ng/ul	99
23) Isophorone	9.745	82	1019065	18.695	ng/ul	100
25) 2-Nitrophenol	9.927	139	245476	22.035	ng/ul	99
26) 2,4-Dimethylphenol	9.986	107	553416	20.142	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.222	93	651873	20.063	ng/ul	100
29) 2,4-Dichlorophenol	10.457	162	451060	20.527	ng/ul	99
30) Naphthalene	10.869	128	1623731	20.035	ng/ul	99
32) 4-Chloroaniline	10.974	127	670763	18.695	ng/ul	99
33) Hexachlorobutadiene	11.151	225	257911	19.190	ng/ul	98
34) Caprolactam	11.757	113	123283	17.295	ng/ul	96
35) 4-Chloro-3-methylphenol	12.092	107	485490	20.014	ng/ul	98
36) 2-Methylnaphthalene	12.468	142	1062824	19.683	ng/ul	99

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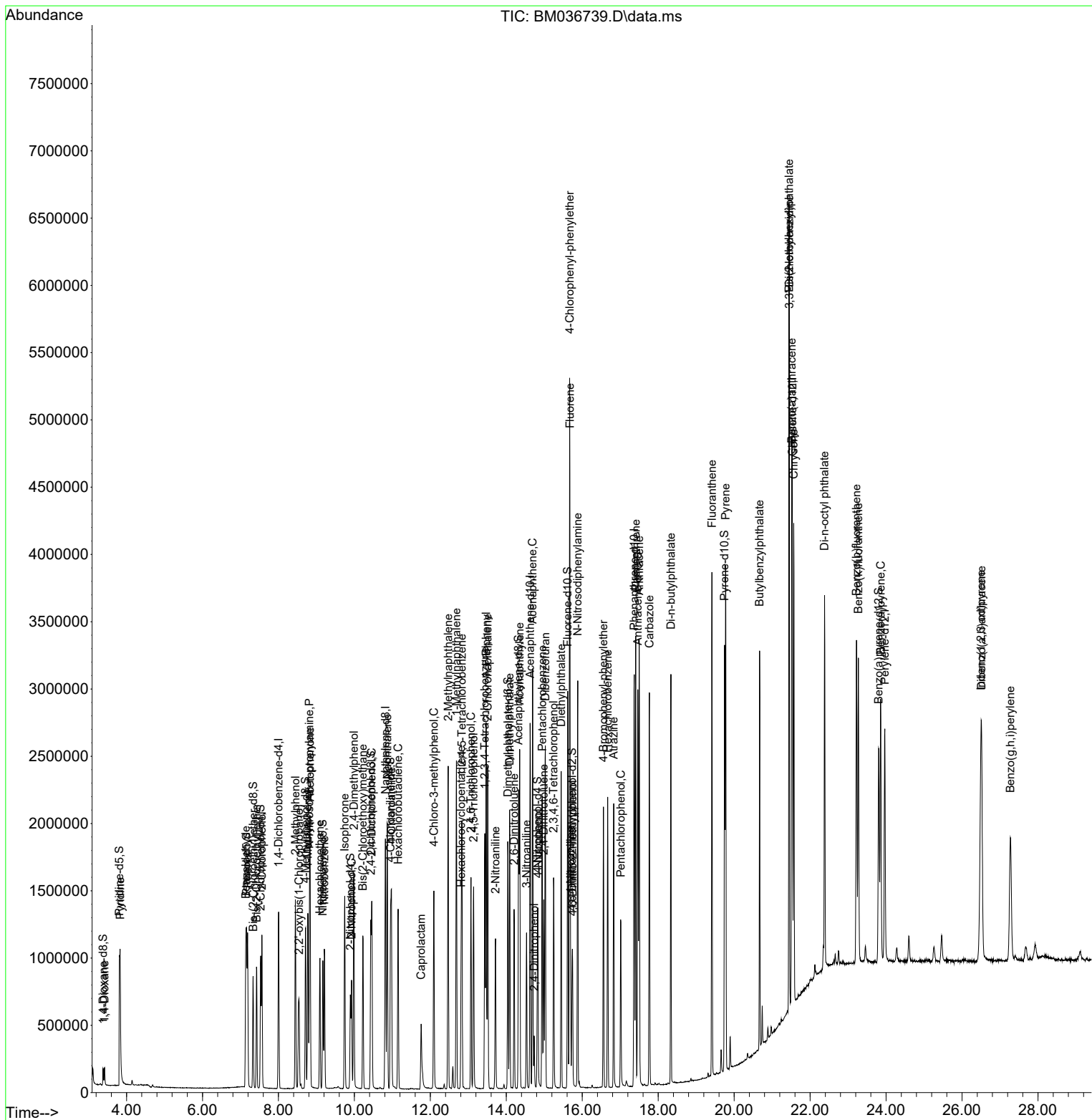
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 ClientSampleId :

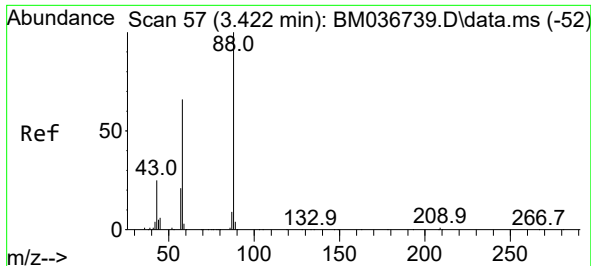
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.686	142	1064445	19.609	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.827	216	515678	20.136	ng/ul	99
40) Hexachlorocyclopentadiene	12.810	237	217171	16.272	ng/ul	100
41) 2,4,6-Trichlorophenol	13.068	196	319611	20.382	ng/ul	100
42) 2,4,5-Trichlorophenol	13.139	196	347880	20.692	ng/ul	98
43) 1,1'-Biphenyl	13.468	154	1355715	20.326	ng/ul	99
44) 2-Chloronaphthalene	13.510	162	1063541	20.320	ng/ul	99
45) 2-Nitroaniline	13.715	65	292200	22.682	ng/ul	99
47) Dimethylphthalate	14.086	163	1254438	19.378	ng/ul	99
48) 2,6-Dinitrotoluene	14.204	165	226350	21.507	ng/ul	95
50) Acenaphthylene	14.351	152	1630354	19.700	ng/ul	100
51) 3-Nitroaniline	14.533	138	254515	20.163	ng/ul#	96
52) Acenaphthene	14.692	153	1146714	19.803	ng/ul	99
53) 2,4-Dinitrophenol	14.733	184	66103	14.155	ng/ul	94
55) 4-Nitrophenol	14.833	109	169418	16.744	ng/ul	97
56) Dibenzofuran	15.027	168	1552180	19.959	ng/ul	99
57) 2,4-Dinitrotoluene	14.986	165	329061	21.507	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.245	232	273241	19.416	ng/ul	94
59) Diethylphthalate	15.445	149	1253075	19.337	ng/ul	99
61) Fluorene	15.674	166	1298367	19.603	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.668	204	612625	19.340	ng/ul	99
63) 4-Nitroaniline	15.692	138	227264	18.531	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.745	198	135513	17.265	ng/ul	95
67) N-Nitrosodiphenylamine	15.880	169	1045717	20.196	ng/ul	99
68) 4-Bromophenyl-phenylether	16.556	248	324930	18.752	ng/ul	98
69) Hexachlorobenzene	16.668	284	383285	18.701	ng/ul	94
70) Atrazine	16.827	200	334127	18.286	ng/ul	98
71) Pentachlorophenol	17.015	266	195861	16.088	ng/ul	98
72) Phenanthrene	17.409	178	1938954	20.023	ng/ul	100
74) Anthracene	17.498	178	1959910	19.912	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.433	216	503969	20.959	ng/ul	99
76) Pentachlorobenzene	14.945	250	520018	19.995	ng/ul	99
77) Carbazole	17.768	167	1711902	18.786	ng/ul	100
78) Di-n-butylphthalate	18.333	149	2043824	19.788	ng/ul	100
80) Fluoranthene	19.415	202	2027359	23.833	ng/ul	100
82) Pyrene	19.774	202	2147507	23.849	ng/ul	98
83) Butylbenzylphthalate	20.668	149	786167	23.041	ng/ul	91
84) 3,3'-Dichlorobenzidine	21.450	252	527993	19.150	ng/ul	98
85) Benzo(a)anthracene	21.515	228	1780806	20.142	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.444	149	1246096	25.001	ng/ul	99
87) Chrysene	21.568	228	1674899	19.959	ng/ul	100
89) Di-n-octyl phthalate	22.380	149	1802092	25.325	ng/ul	100
90) Benzo(b)fluoranthene	23.221	252	1561067	20.856	ng/ul	99
91) Benzo(k)fluoranthene	23.268	252	1553364	20.769	ng/ul	99
93) Benzo(a)pyrene	23.856	252	1330711	20.223	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.497	276	1428411	18.589	ng/ul	97
95) Dibenzo(a,h)anthracene	26.515	278	1272914	18.266	ng/ul	98
96) Benzo(g,h,i)perylene	27.273	276	1229877	18.463	ng/ul	98

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

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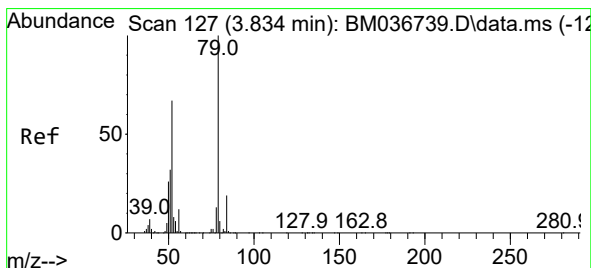
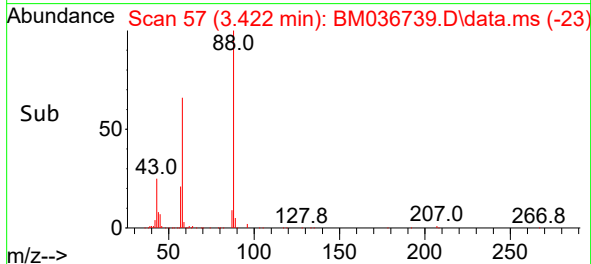
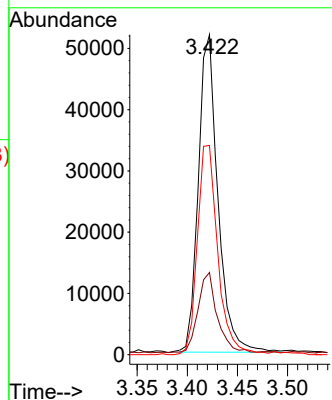
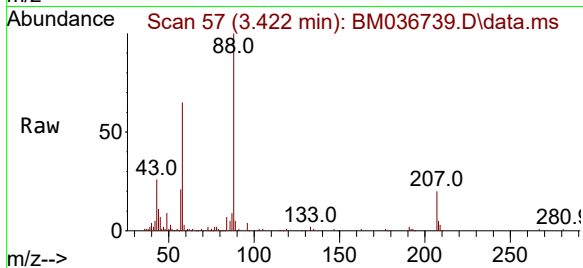




#2
1,4-Dioxane
Concen: 7.210 ng/uL
RT: 3.422 min Scan# 51
Delta R.T. 0.000 min
Lab File: BM036739.D
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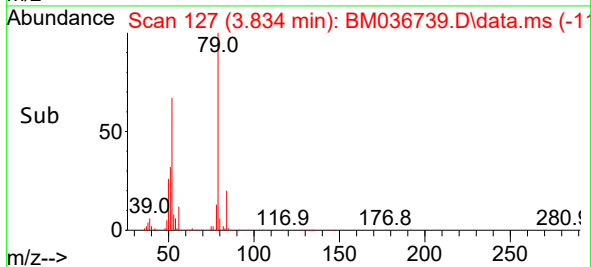
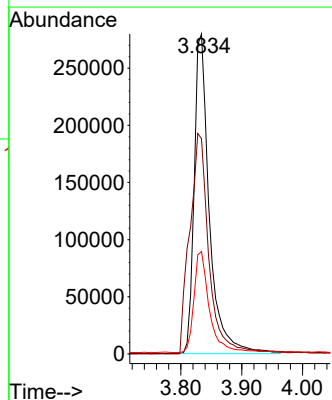
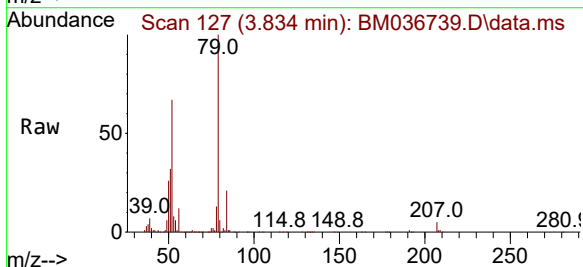
Instrument :
BNA_M
ClientSampleId :

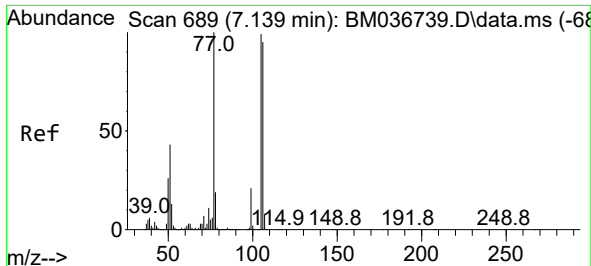
Tgt Ion: 88 Resp: 70522
Ion Ratio Lower Upper
88 100
43 25.7 23.1 34.7
58 65.4 56.6 85.0



#5
Pyridine
Concen: 18.302 ng/uL
RT: 3.834 min Scan# 127
Delta R.T. 0.000 min
Lab File: BM036739.D
Acq: 26 Sep 2022 11:13

Tgt Ion: 79 Resp: 486885
Ion Ratio Lower Upper
79 100
52 67.3 57.2 85.8
51 32.0 26.8 40.2

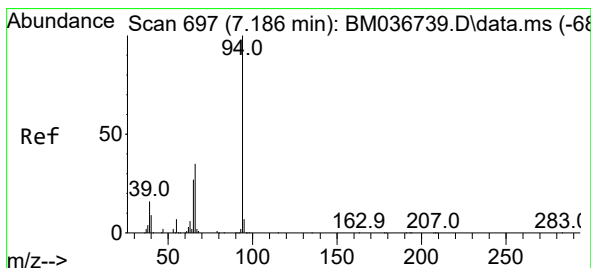
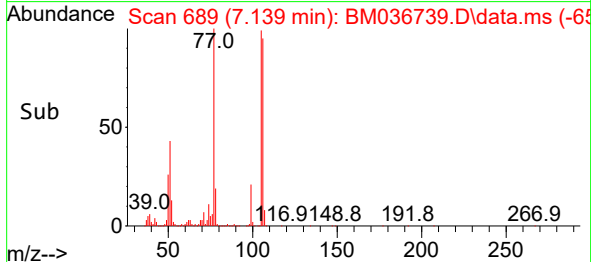
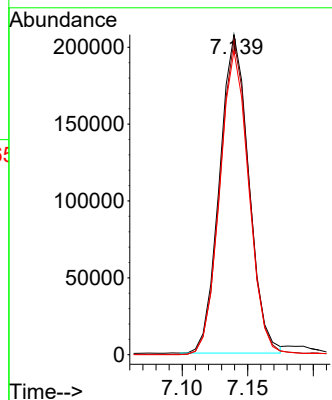
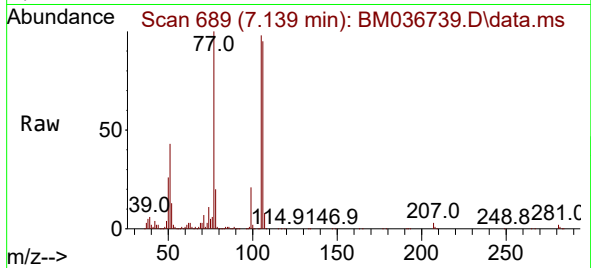




#6
Benzaldehyde
Concen: 21.829 ng/ul
RT: 7.139 min Scan# 689
Delta R.T. 0.000 min
Lab File: BM036739.D
Acq: 26 Sep 2022 11:13

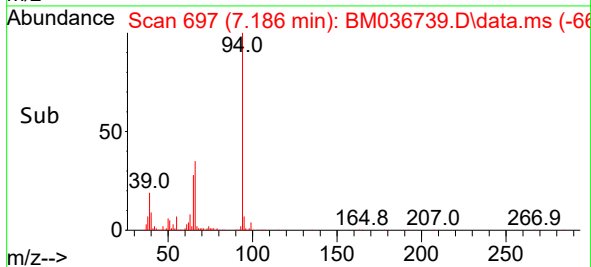
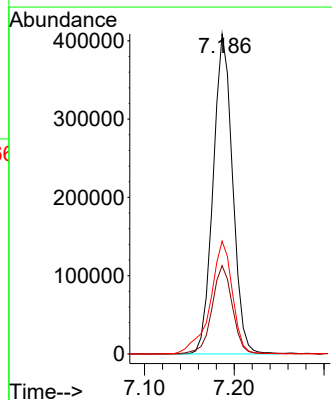
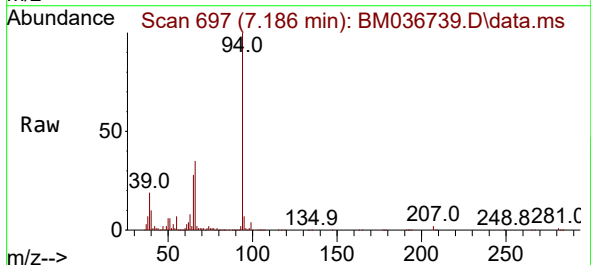
Instrument :
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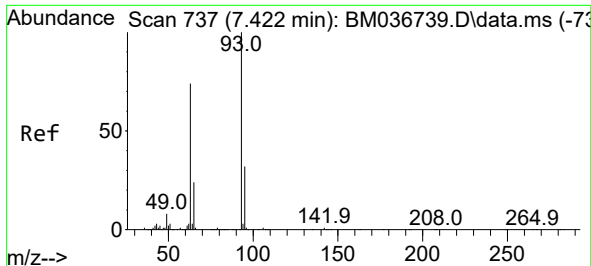
Tgt Ion: 77 Resp: 321528
Ion Ratio Lower Upper
77 100
105 98.3 75.1 112.7
106 95.0 73.0 109.6



#8
Phenol
Concen: 18.869 ng/ul
RT: 7.186 min Scan# 697
Delta R.T. 0.000 min
Lab File: BM036739.D
Acq: 26 Sep 2022 11:13

Tgt Ion: 94 Resp: 615968
Ion Ratio Lower Upper
94 100
65 27.6 22.2 33.4
66 35.2 28.9 43.3

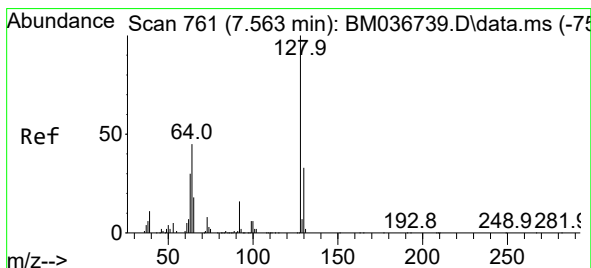
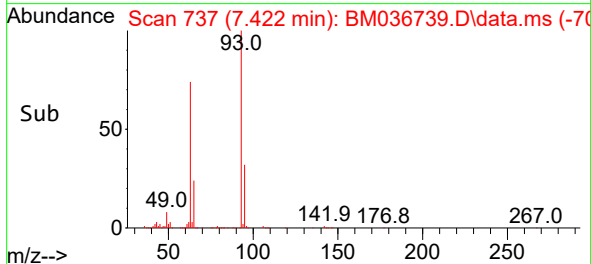
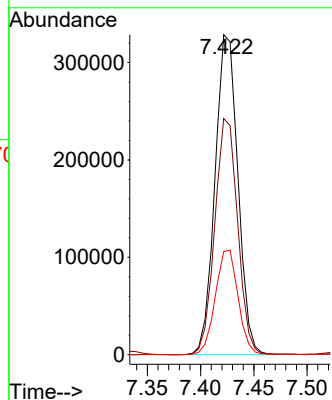
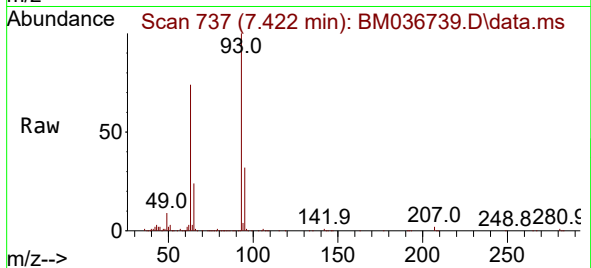




#10
Bis(2-Chloroethyl)ether
Concen: 19.345 ng/ul
RT: 7.422 min Scan# 737
Delta R.T. 0.000 min
Lab File: BM036739.D
Acq: 26 Sep 2022 11:13

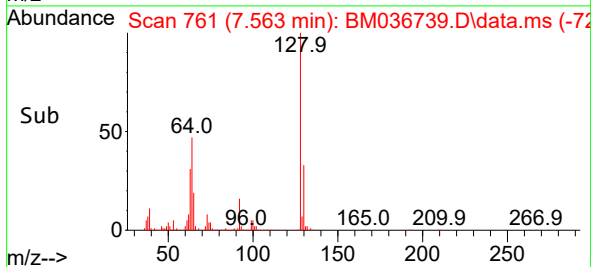
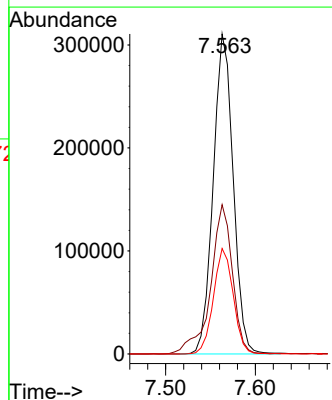
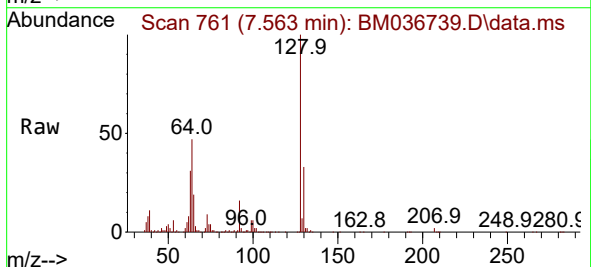
Instrument :
BNA_M
ClientSampleId :

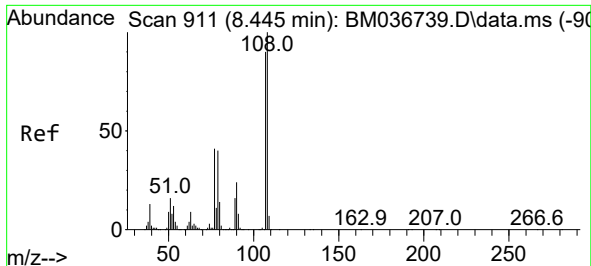
Tgt Ion: 93 Resp: 491352
Ion Ratio Lower Upper
93 100
63 73.8 59.1 88.7
95 32.3 26.1 39.1



#12
2-Chlorophenol
Concen: 20.267 ng/ul
RT: 7.563 min Scan# 761
Delta R.T. 0.000 min
Lab File: BM036739.D
Acq: 26 Sep 2022 11:13

Tgt Ion: 128 Resp: 480100
Ion Ratio Lower Upper
128 100
64 46.7 37.8 56.8
130 33.0 26.0 39.0





#13

2-Methylphenol

Concen: 19.306 ng/ul

RT: 8.445 min Scan# 911

Delta R.T. 0.000 min

Lab File: BM036739.D

Acq: 26 Sep 2022 11:13

Instrument :

BNA_M

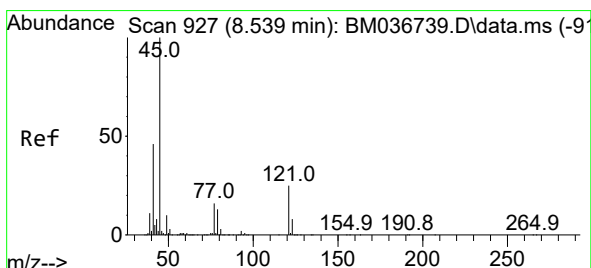
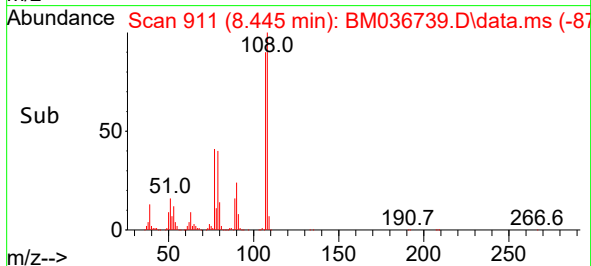
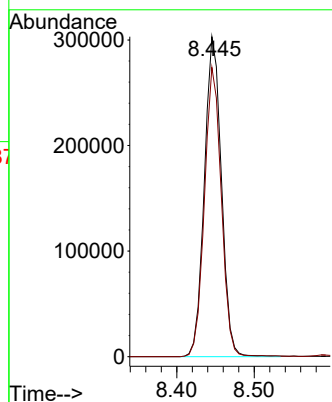
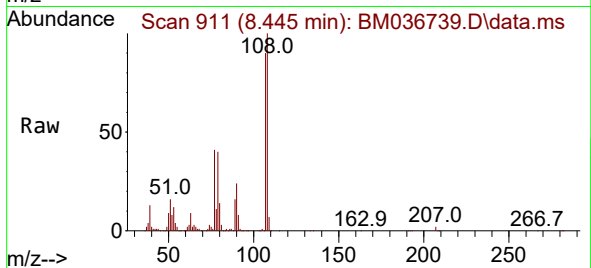
ClientSampleId :

Tgt Ion:108 Resp: 463244

Ion Ratio Lower Upper

108 100

107 90.4 70.7 106.1



#14

2,2'-oxybis(1-Chloropropane)

Concen: 19.704 ng/ul

RT: 8.539 min Scan# 927

Delta R.T. 0.000 min

Lab File: BM036739.D

Acq: 26 Sep 2022 11:13

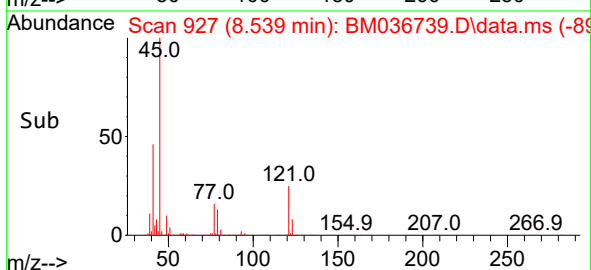
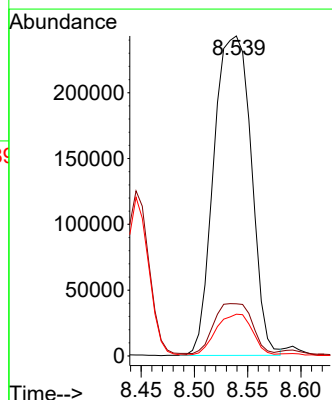
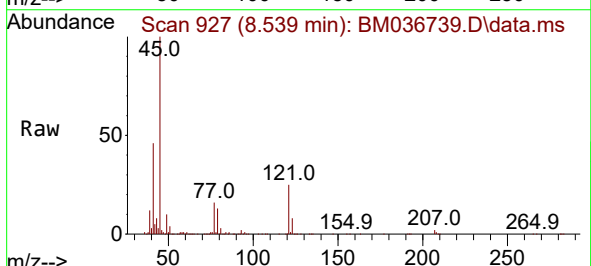
Tgt Ion: 45 Resp: 593167

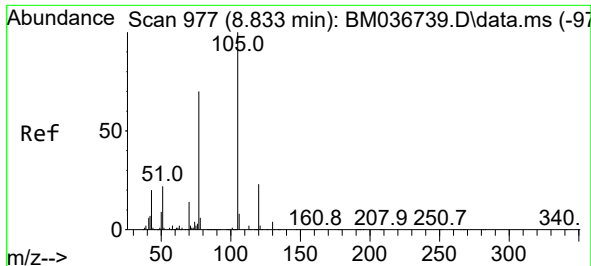
Ion Ratio Lower Upper

45 100

77 16.3 13.1 19.7

79 13.1 9.5 14.3

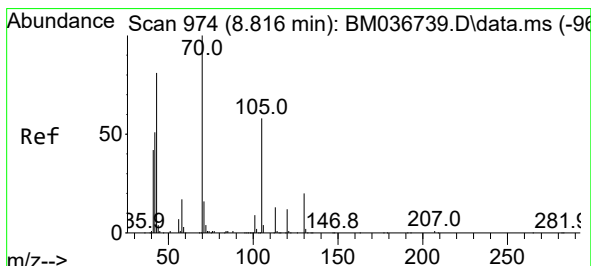
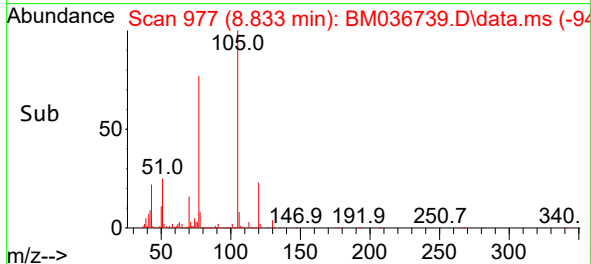
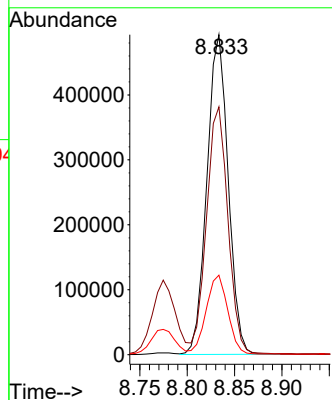
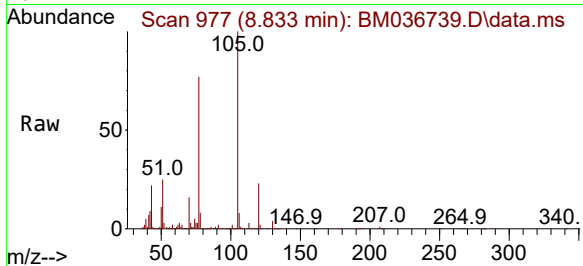




#16
Acetophenone
Concen: 19.740 ng/ul
RT: 8.833 min Scan# 977
Delta R.T. 0.000 min
Lab File: BM036739.D
Acq: 26 Sep 2022 11:13

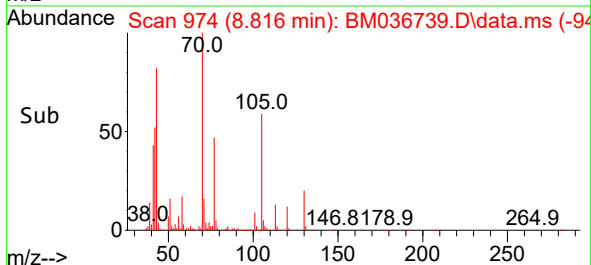
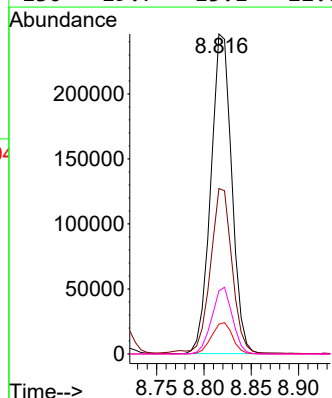
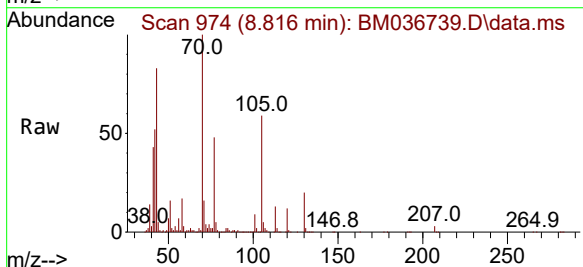
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BNA_M
ClientSampleId :

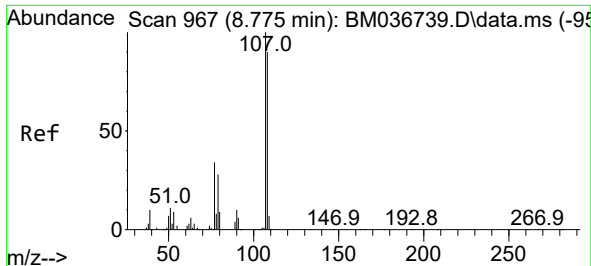
Tgt Ion:105 Resp: 769548
Ion Ratio Lower Upper
105 100
77 77.5 61.6 92.4
51 24.8 20.5 30.7



#17
N-Nitroso-di-n-propylamine
Concen: 20.101 ng/ul
RT: 8.816 min Scan# 974
Delta R.T. 0.000 min
Lab File: BM036739.D
Acq: 26 Sep 2022 11:13

Tgt Ion: 70 Resp: 378099
Ion Ratio Lower Upper
70 100
42 51.7 43.0 64.4
101 9.3 7.7 11.5
130 19.7 15.1 22.7





#18

4-Methylphenol

Concen: 19.808 ng/ul

RT: 8.775 min Scan# 967

Delta R.T. 0.000 min

Lab File: BM036739.D

Acq: 26 Sep 2022 11:13

Instrument :

BNA_M

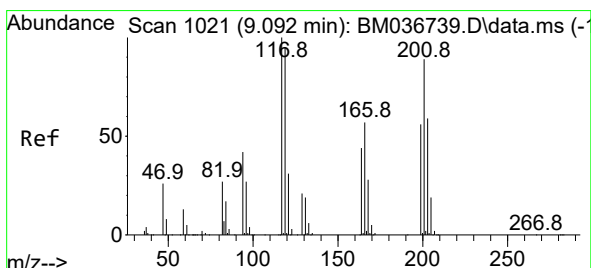
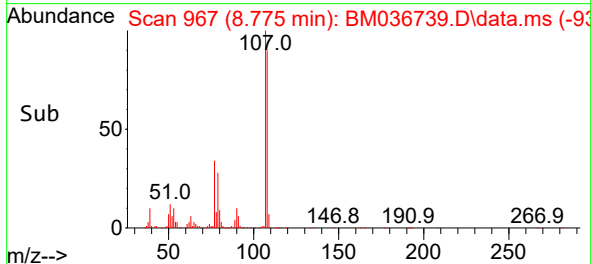
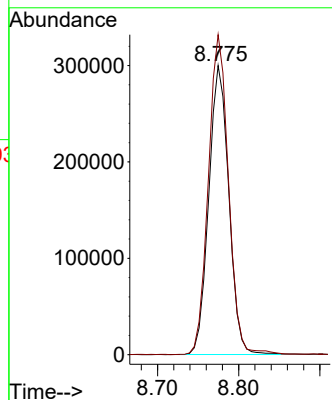
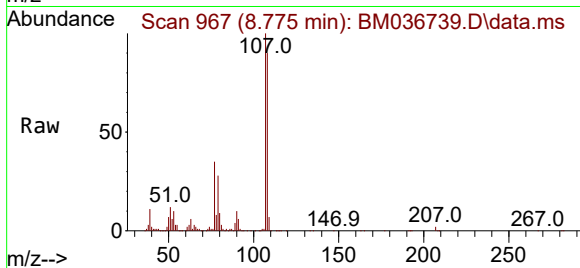
ClientSampleId :

Tgt Ion:108 Resp: 513974

Ion Ratio Lower Upper

108 100

107 110.7 89.4 134.0



#19

Hexachloroethane

Concen: 19.640 ng/ul

RT: 9.092 min Scan# 1021

Delta R.T. 0.000 min

Lab File: BM036739.D

Acq: 26 Sep 2022 11:13

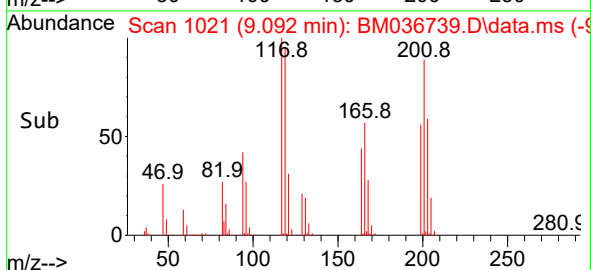
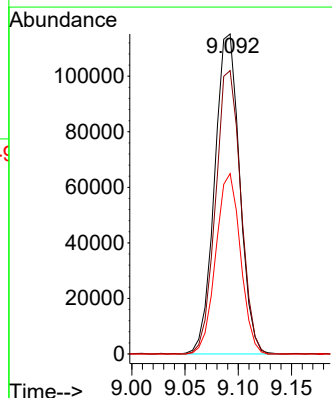
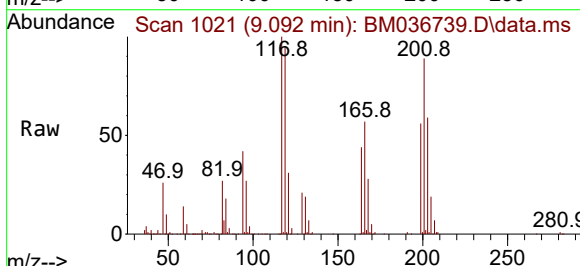
Tgt Ion:117 Resp: 188444

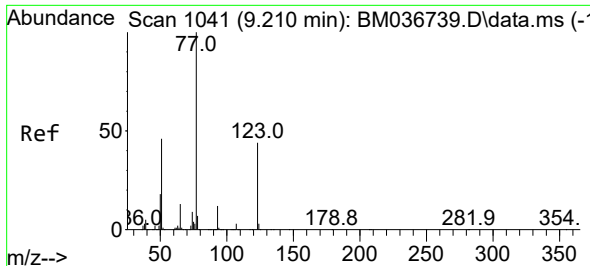
Ion Ratio Lower Upper

117 100

201 90.3 68.7 103.1

199 56.3 43.0 64.6

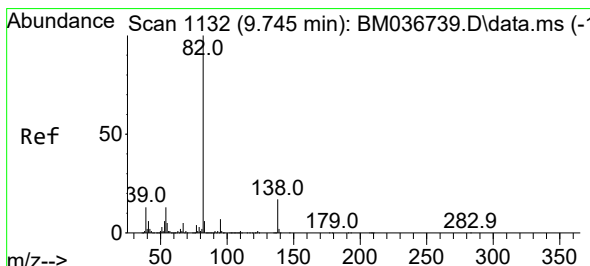
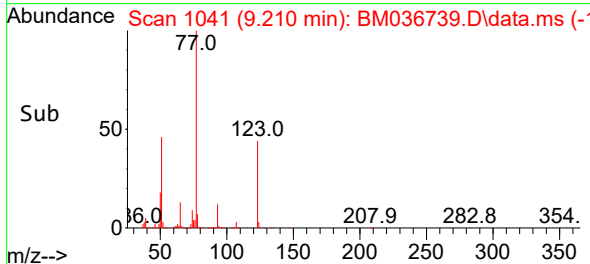
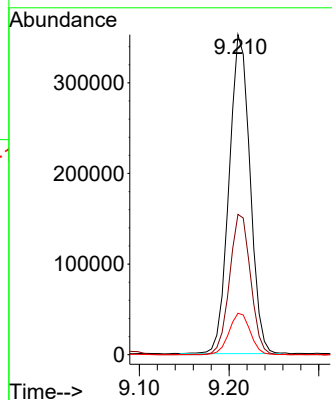
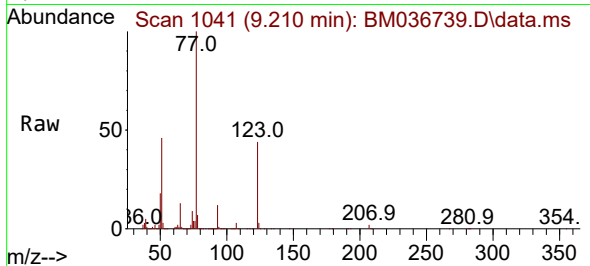




#22
Nitrobenzene
Concen: 21.370 ng/ul
RT: 9.210 min Scan# 1041
Delta R.T. 0.000 min
Lab File: BM036739.D
Acq: 26 Sep 2022 11:13

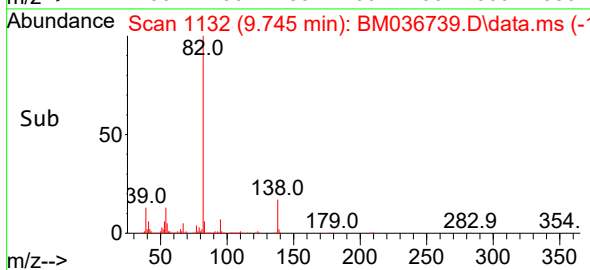
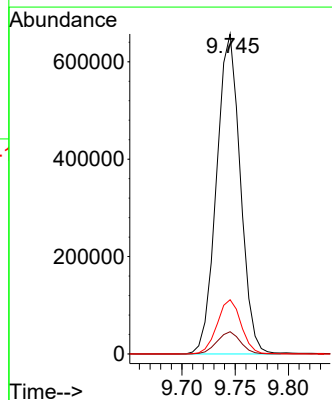
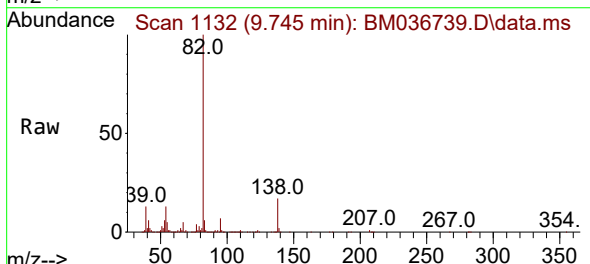
Instrument :
BNA_M
ClientSampleId :

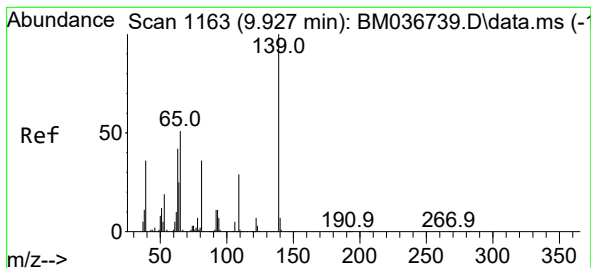
Tgt Ion: 77 Resp: 571327
Ion Ratio Lower Upper
77 100
123 43.9 34.9 52.3
65 12.9 10.7 16.1



#23
Isophorone
Concen: 18.695 ng/ul
RT: 9.745 min Scan# 1132
Delta R.T. 0.000 min
Lab File: BM036739.D
Acq: 26 Sep 2022 11:13

Tgt Ion: 82 Resp: 1019065
Ion Ratio Lower Upper
82 100
95 6.9 5.4 8.2
138 17.0 13.5 20.3

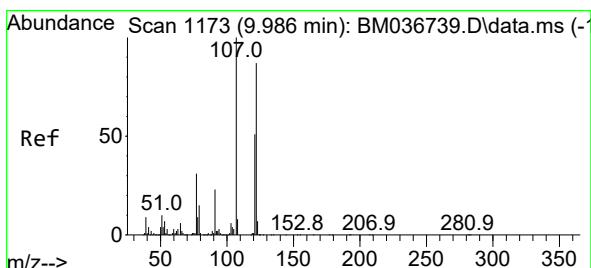
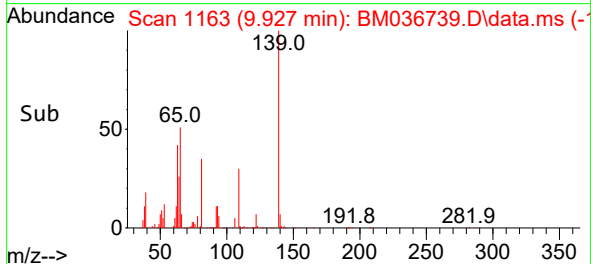
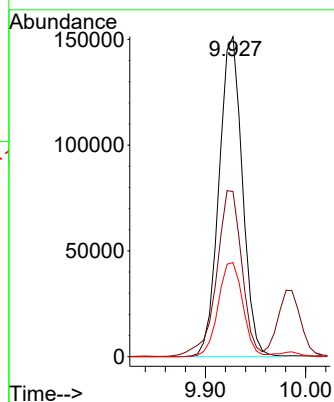
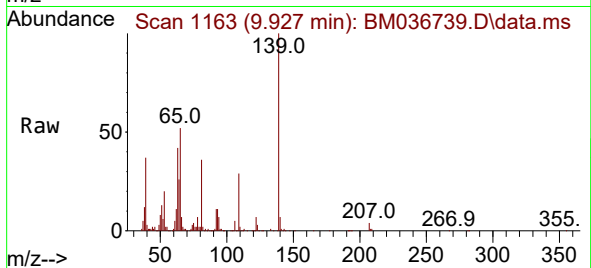




#25
2-Nitrophenol
Concen: 22.035 ng/ul
RT: 9.927 min Scan# 1163
Delta R.T. 0.000 min
Lab File: BM036739.D
Acq: 26 Sep 2022 11:13

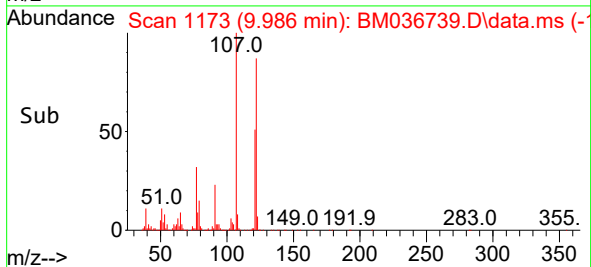
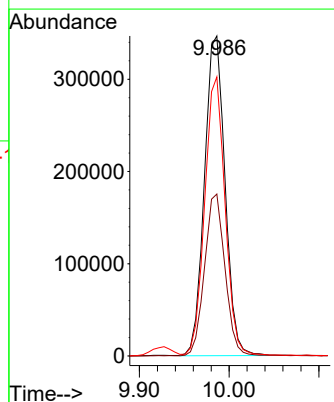
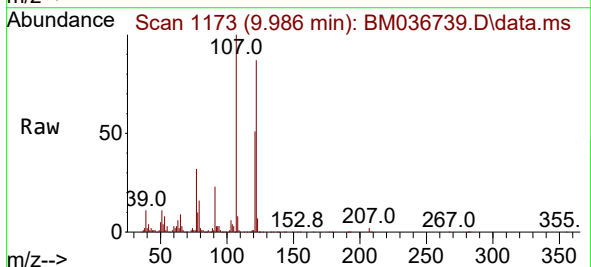
Instrument :
BNA_M
ClientSampleId :

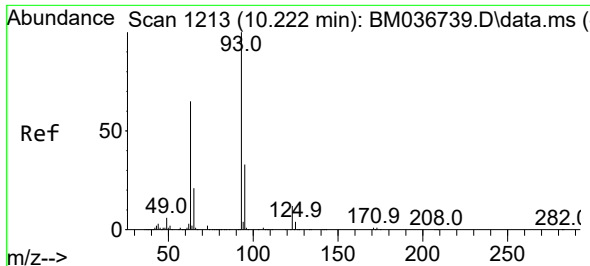
Tgt Ion:139 Resp: 245476
Ion Ratio Lower Upper
139 100
65 51.6 40.9 61.3
109 29.4 23.9 35.9



#26
2,4-Dimethylphenol
Concen: 20.142 ng/ul
RT: 9.986 min Scan# 1173
Delta R.T. 0.000 min
Lab File: BM036739.D
Acq: 26 Sep 2022 11:13

Tgt Ion:107 Resp: 553416
Ion Ratio Lower Upper
107 100
121 50.6 39.4 59.2
122 87.2 69.1 103.7





#27

Bis(2-Chloroethoxy)methane

Concen: 20.063 ng/ul

RT: 10.222 min Scan# 1213

Delta R.T. 0.000 min

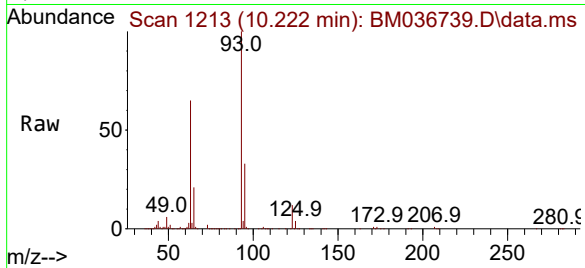
Lab File: BM036739.D

Acq: 26 Sep 2022 11:13

Instrument :

BNA_M

ClientSampleId :



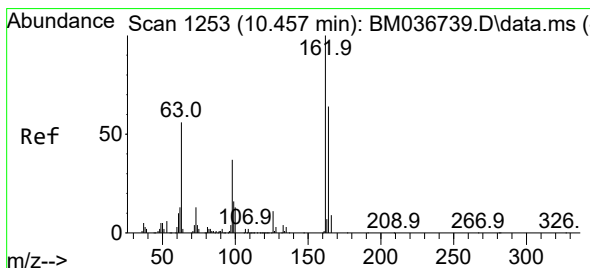
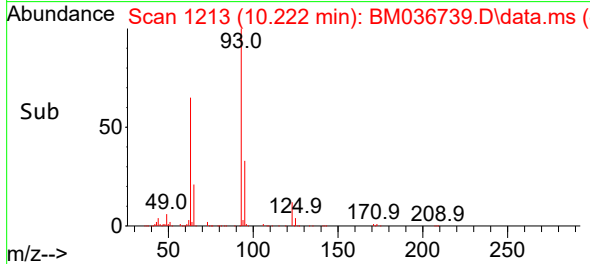
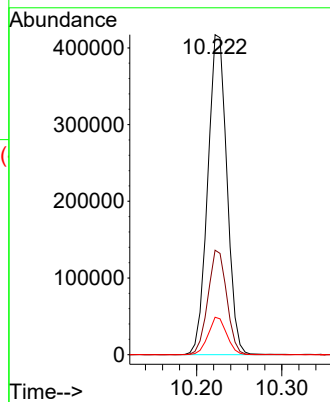
Tgt Ion: 93 Resp: 651873

Ion Ratio Lower Upper

93 100

95 32.7 26.2 39.4

123 11.7 9.2 13.8



#29

2,4-Dichlorophenol

Concen: 20.527 ng/ul

RT: 10.457 min Scan# 1253

Delta R.T. 0.000 min

Lab File: BM036739.D

Acq: 26 Sep 2022 11:13

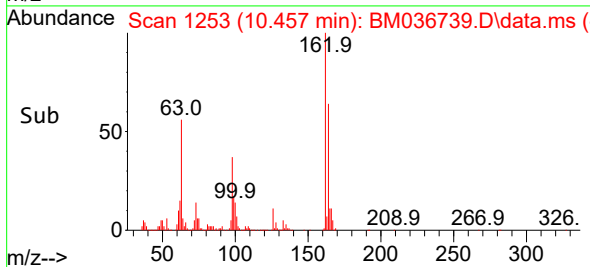
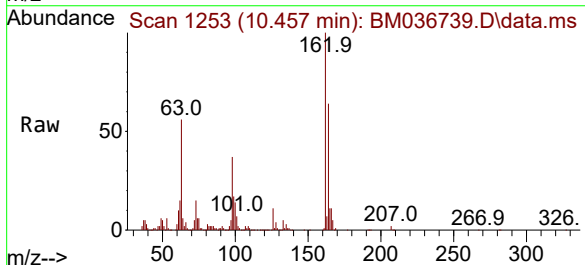
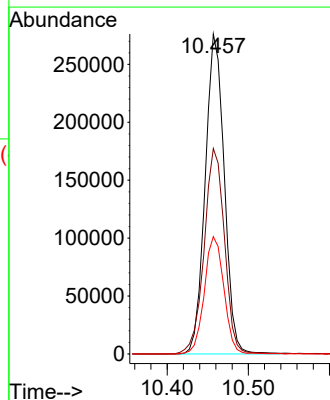
Tgt Ion: 162 Resp: 451060

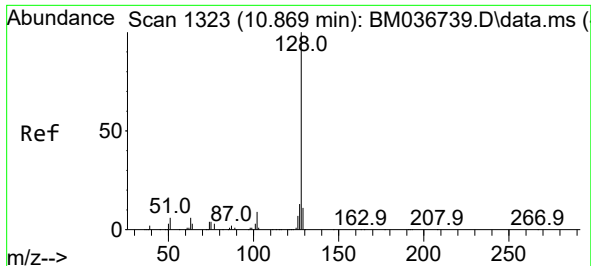
Ion Ratio Lower Upper

162 100

164 64.2 52.1 78.1

98 36.7 29.1 43.7

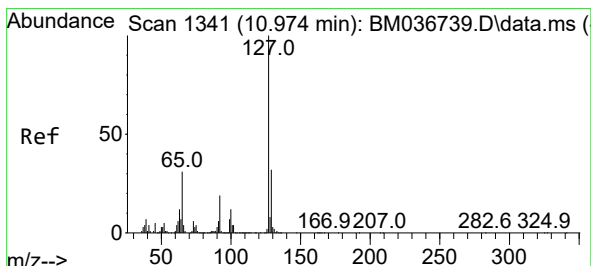
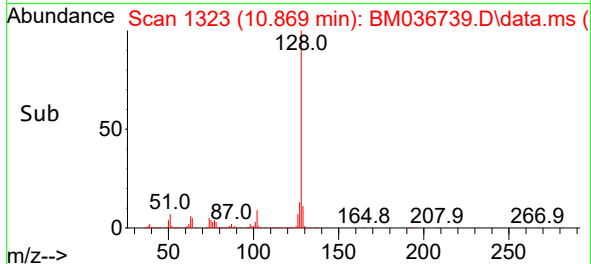
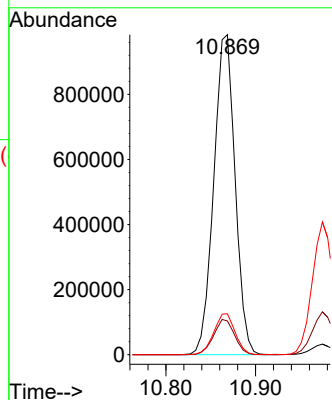
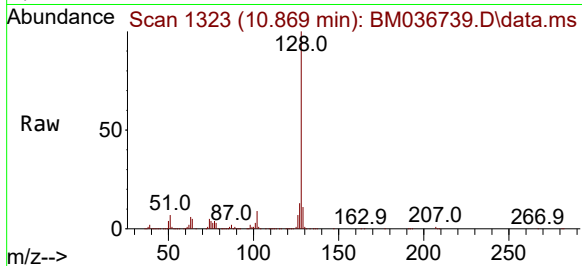




#30
Naphthalene
Concen: 20.035 ng/ul
RT: 10.869 min Scan# 1323
Delta R.T. 0.000 min
Lab File: BM036739.D
Acq: 26 Sep 2022 11:13

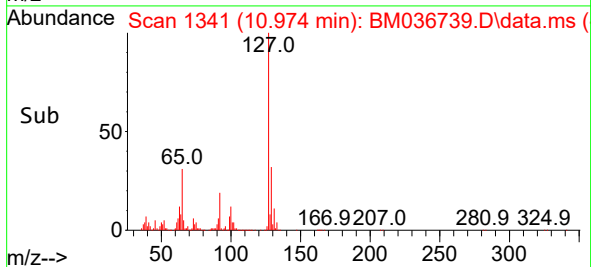
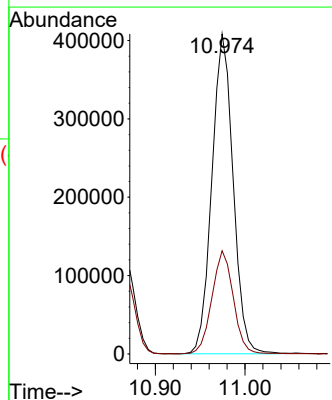
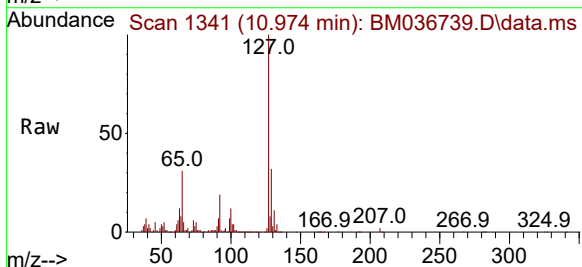
Instrument :
BNA_M
ClientSampleId :

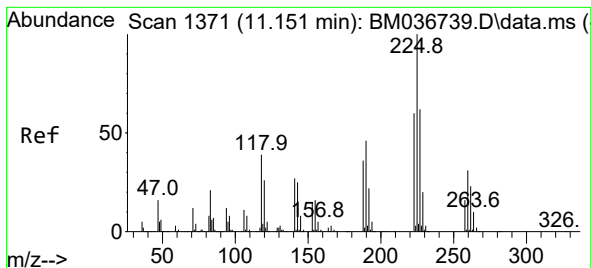
Tgt Ion:128 Resp: 1623731
Ion Ratio Lower Upper
128 100
129 10.6 8.7 13.1
127 12.8 10.3 15.5



#32
4-Chloroaniline
Concen: 18.695 ng/ul
RT: 10.974 min Scan# 1341
Delta R.T. 0.000 min
Lab File: BM036739.D
Acq: 26 Sep 2022 11:13

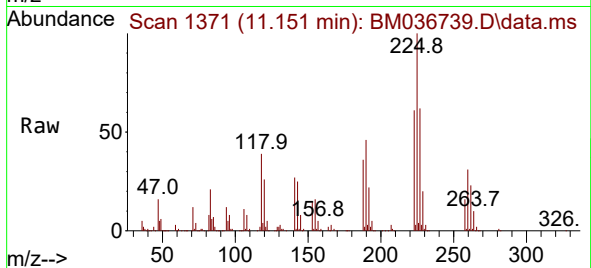
Tgt Ion:127 Resp: 670763
Ion Ratio Lower Upper
127 100
129 32.2 25.4 38.2



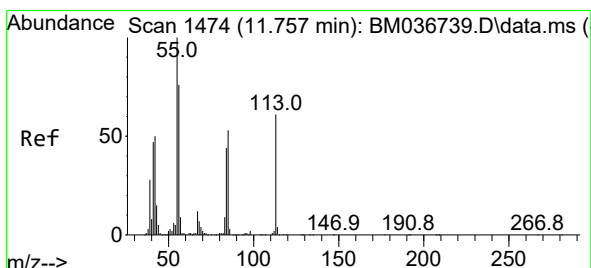
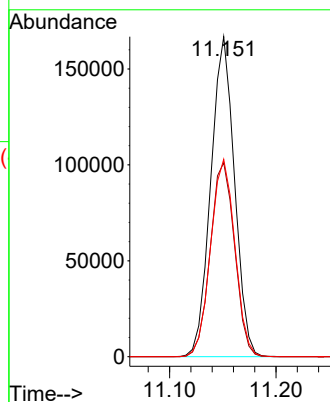
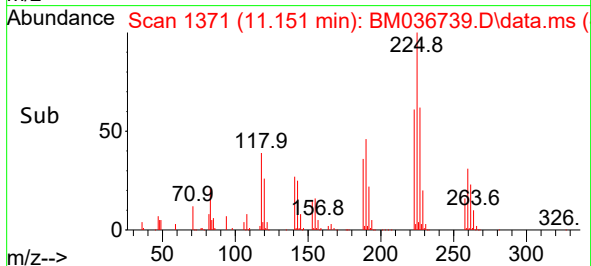


#33
Hexachlorobutadiene
Concen: 19.190 ng/ul
RT: 11.151 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM036739.D
Acq: 26 Sep 2022 11:13

Instrument :
BNA_M
ClientSampleId :

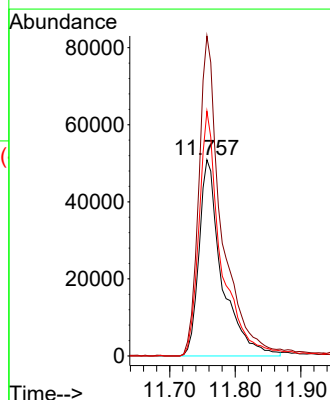
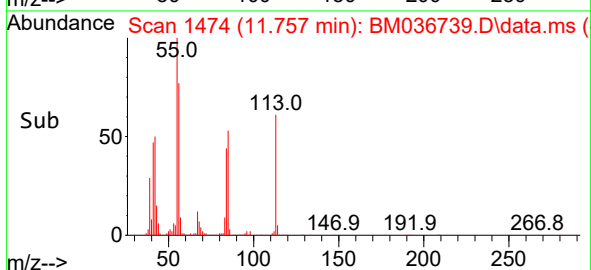
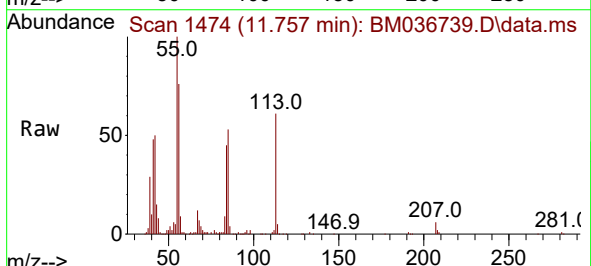


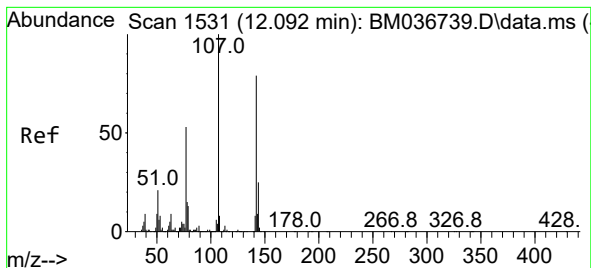
Tgt Ion:225 Resp: 257911
Ion Ratio Lower Upper
225 100
223 60.6 49.8 74.8
227 61.7 51.0 76.6



#34
Caprolactam
Concen: 17.295 ng/ul
RT: 11.757 min Scan# 1474
Delta R.T. 0.000 min
Lab File: BM036739.D
Acq: 26 Sep 2022 11:13

Tgt Ion:113 Resp: 123283
Ion Ratio Lower Upper
113 100
55 163.2 127.5 191.3
56 124.8 94.6 142.0

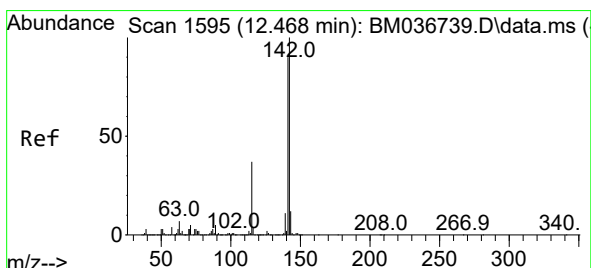
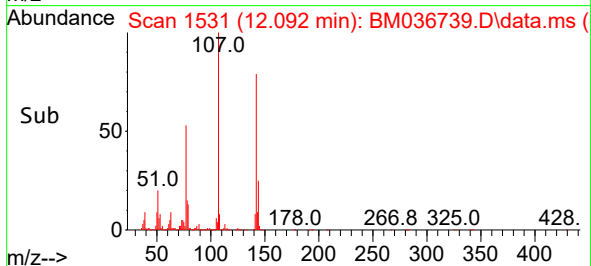
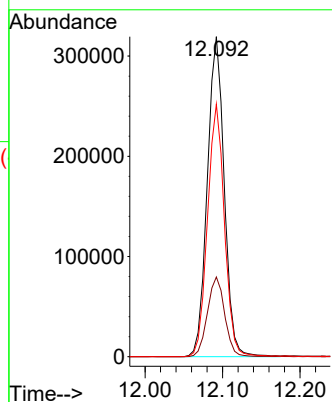
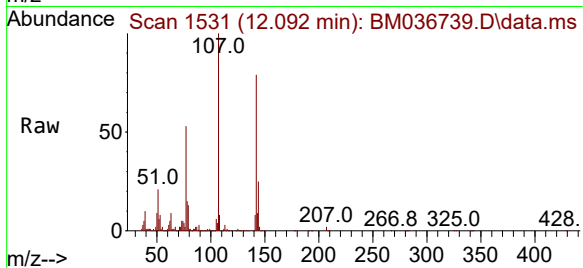




#35
4-Chloro-3-methylphenol
Concen: 20.014 ng/ul
RT: 12.092 min Scan# 1531
Delta R.T. 0.000 min
Lab File: BM036739.D
Acq: 26 Sep 2022 11:13

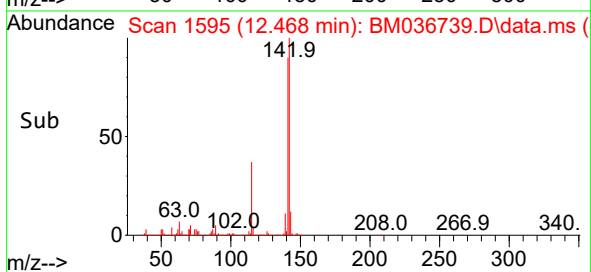
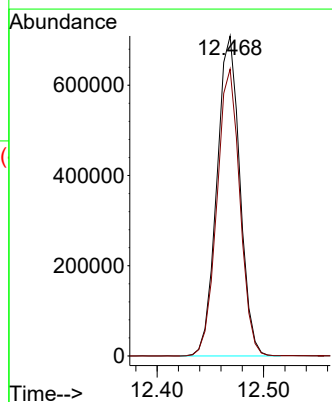
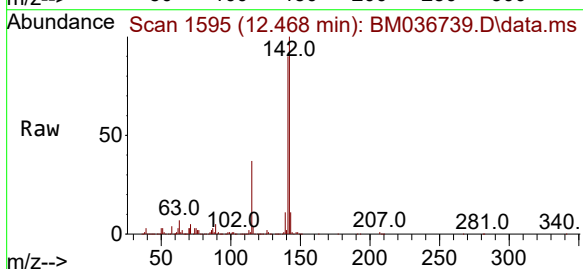
Instrument :
BNA_M
ClientSampleId :

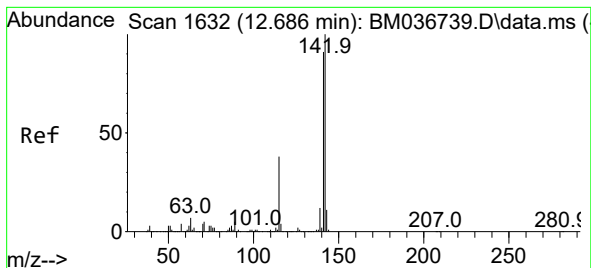
Tgt Ion:107 Resp: 485490
Ion Ratio Lower Upper
107 100
144 24.9 21.5 32.3
142 78.9 63.9 95.9



#36
2-Methylnaphthalene
Concen: 19.683 ng/ul
RT: 12.468 min Scan# 1595
Delta R.T. 0.000 min
Lab File: BM036739.D
Acq: 26 Sep 2022 11:13

Tgt Ion:142 Resp: 1062824
Ion Ratio Lower Upper
142 100
141 89.6 70.7 106.1





#37

1-Methylnaphthalene

Concen: 19.609 ng/ul

RT: 12.686 min Scan# 1

Delta R.T. 0.000 min

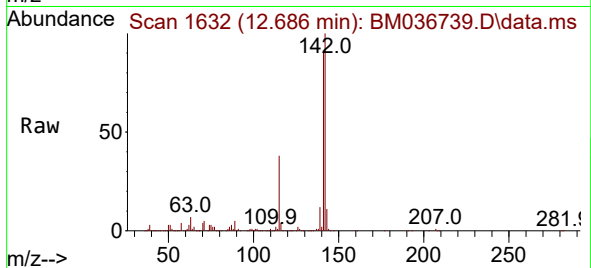
Lab File: BM036739.D

Acq: 26 Sep 2022 11:13

Instrument :

BNA_M

ClientSampleId :



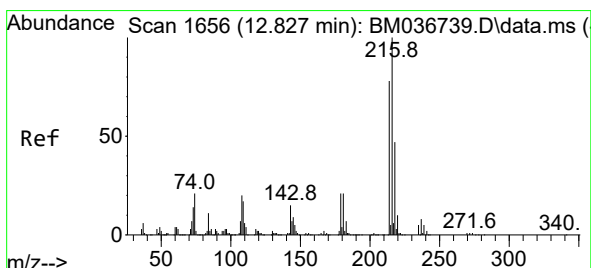
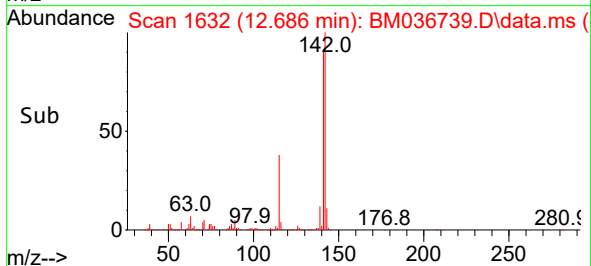
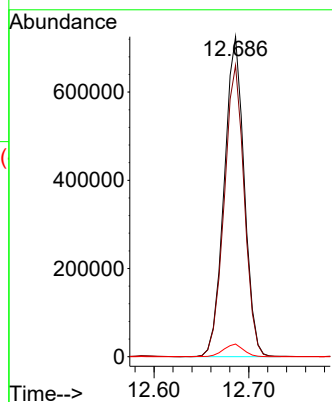
Tgt Ion:142 Resp: 1064445

Ion Ratio Lower Upper

142 100

141 91.1 73.4 110.2

116 3.9 3.1 4.7



#39

1,2,4,5-Tetrachlorobenzene

Concen: 20.136 ng/ul

RT: 12.827 min Scan# 1656

Delta R.T. 0.000 min

Lab File: BM036739.D

Acq: 26 Sep 2022 11:13

Tgt Ion:216 Resp: 515678

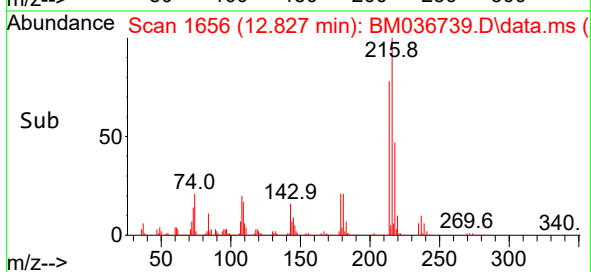
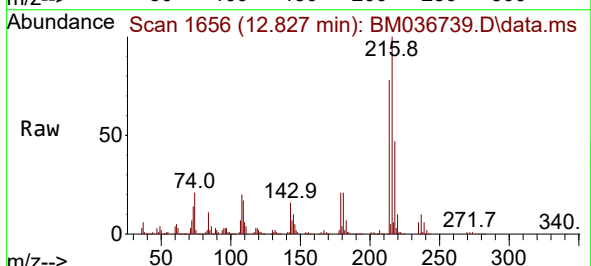
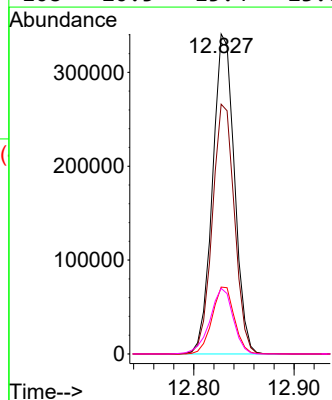
Ion Ratio Lower Upper

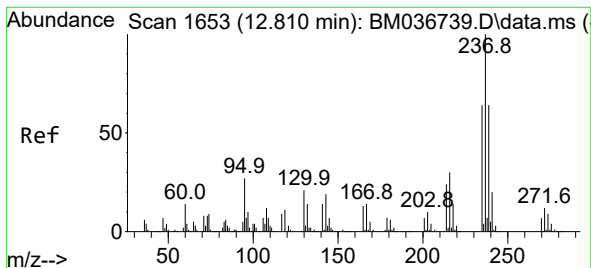
216 100

214 78.1 62.4 93.6

179 20.9 16.7 25.1

108 20.5 15.4 23.0

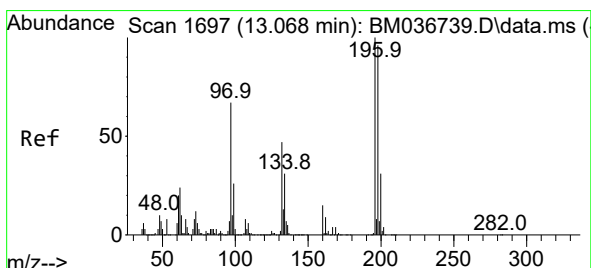
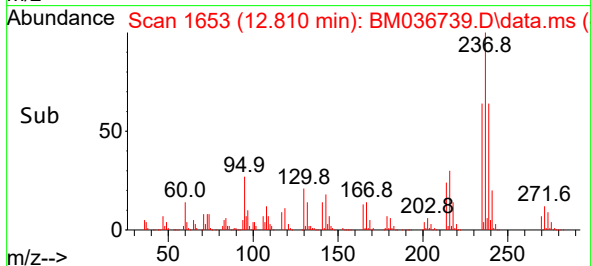
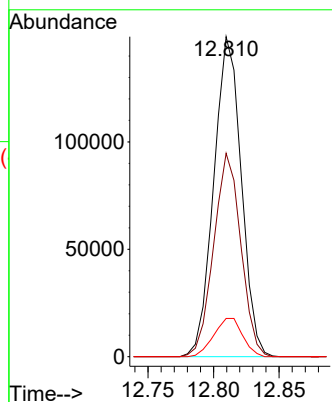
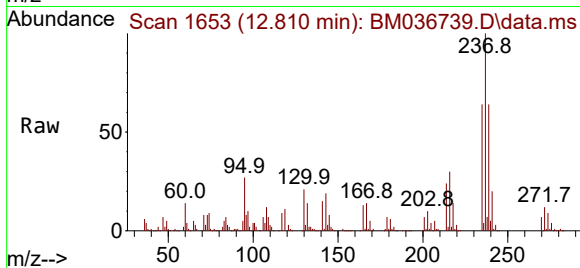




#40
Hexachlorocyclopentadiene
Concen: 16.272 ng/ul
RT: 12.810 min Scan# 1653
Delta R.T. 0.000 min
Lab File: BM036739.D
Acq: 26 Sep 2022 11:13

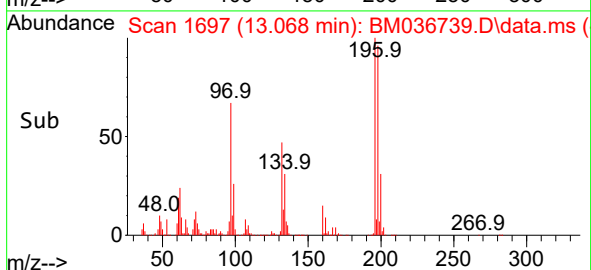
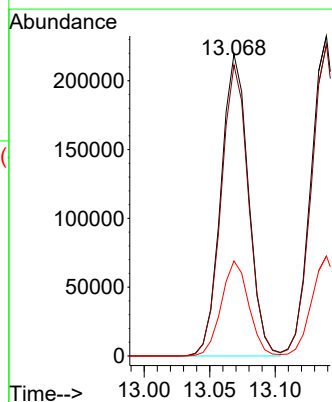
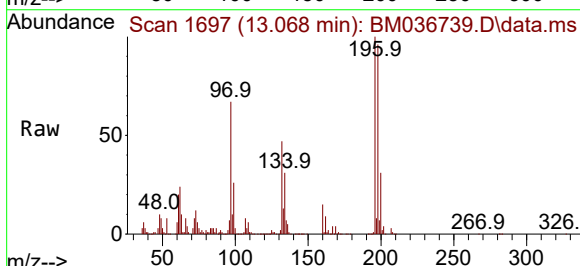
Instrument :
BNA_M
ClientSampleId :

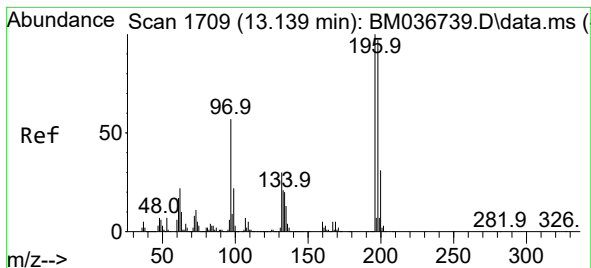
Tgt Ion:237 Resp: 217171
Ion Ratio Lower Upper
237 100
235 63.5 50.9 76.3
272 12.5 10.3 15.5



#41
2,4,6-Trichlorophenol
Concen: 20.382 ng/ul
RT: 13.068 min Scan# 1697
Delta R.T. 0.000 min
Lab File: BM036739.D
Acq: 26 Sep 2022 11:13

Tgt Ion:196 Resp: 319611
Ion Ratio Lower Upper
196 100
198 96.4 77.3 115.9
200 31.5 25.2 37.8





#42

2,4,5-Trichlorophenol

Concen: 20.692 ng/ul

RT: 13.139 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM036739.D

Acq: 26 Sep 2022 11:13

Instrument :

BNA_M

ClientSampleId :

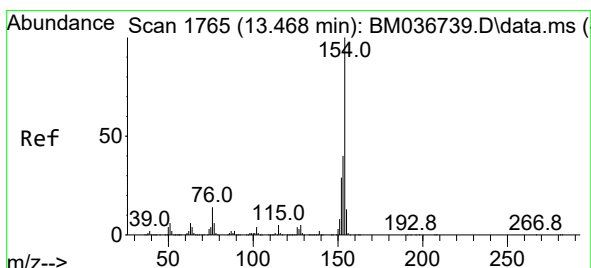
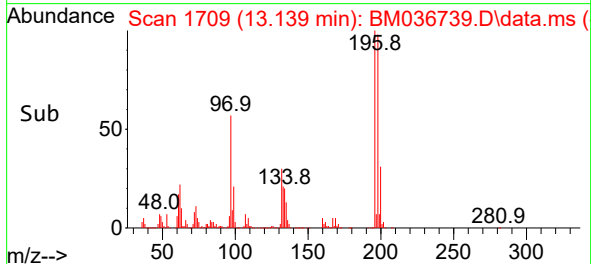
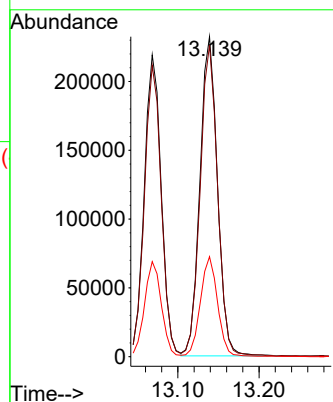
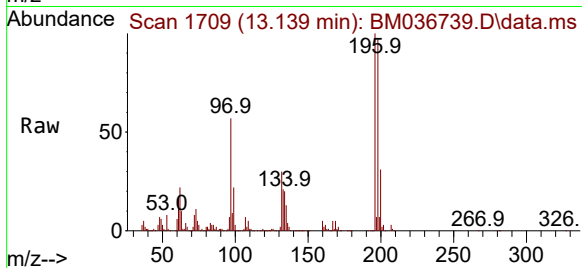
Tgt Ion:196 Resp: 347880

Ion Ratio Lower Upper

196 100

198 97.4 75.6 113.4

200 31.3 24.7 37.1



#43

1,1'-Biphenyl

Concen: 20.326 ng/ul

RT: 13.468 min Scan# 1765

Delta R.T. 0.000 min

Lab File: BM036739.D

Acq: 26 Sep 2022 11:13

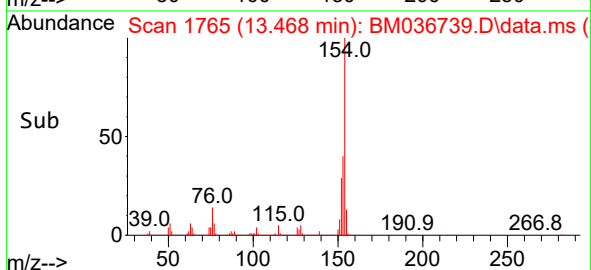
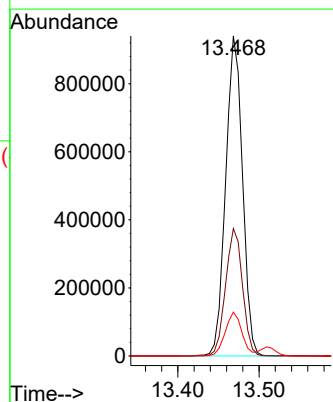
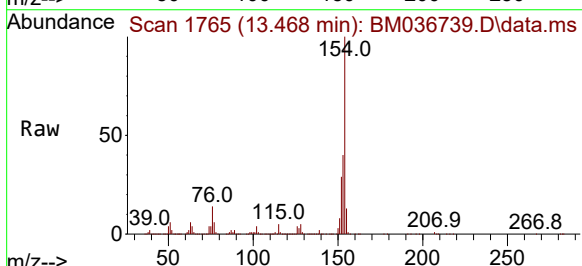
Tgt Ion:154 Resp: 1355715

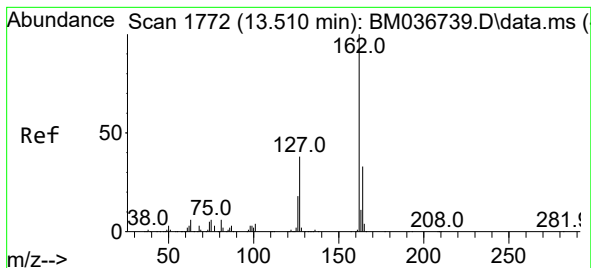
Ion Ratio Lower Upper

154 100

153 39.8 31.4 47.2

76 13.7 10.4 15.6





#44

2-Chloronaphthalene

Concen: 20.320 ng/ul

RT: 13.510 min Scan# 1

Delta R.T. 0.000 min

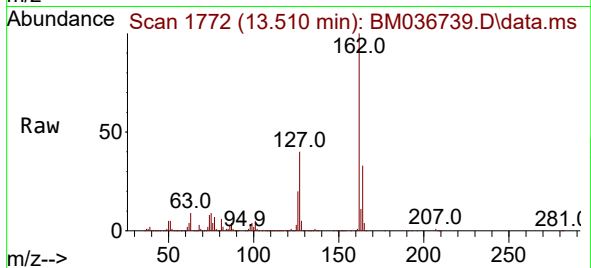
Lab File: BM036739.D

Acq: 26 Sep 2022 11:13

Instrument :

BNA_M

ClientSampleId :



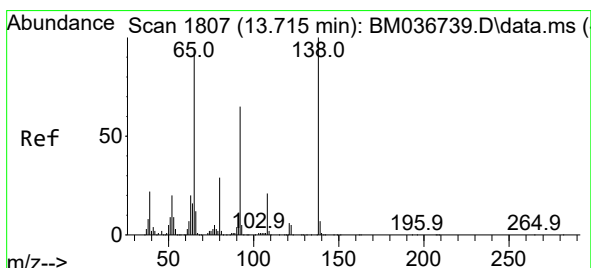
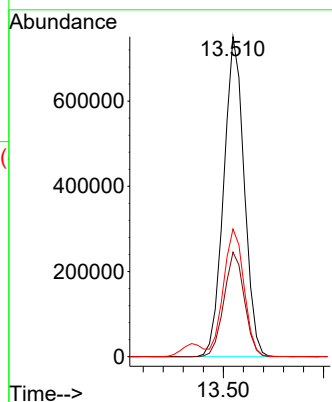
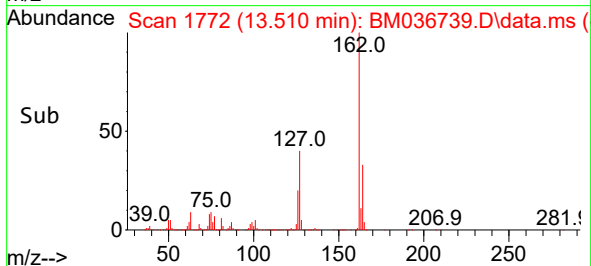
Tgt Ion:162 Resp: 1063541

Ion Ratio Lower Upper

162 100

164 32.7 26.2 39.2

127 39.9 32.6 49.0



#45

2-Nitroaniline

Concen: 22.682 ng/ul

RT: 13.715 min Scan# 1807

Delta R.T. 0.000 min

Lab File: BM036739.D

Acq: 26 Sep 2022 11:13

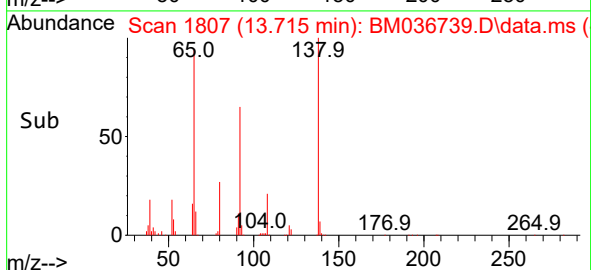
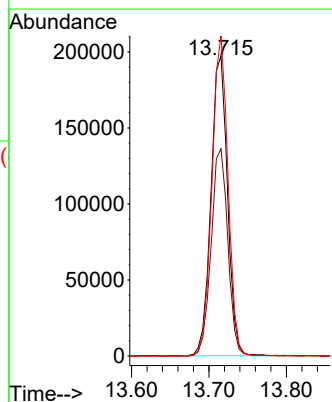
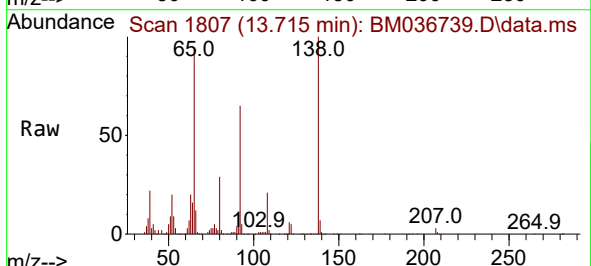
Tgt Ion: 65 Resp: 292200

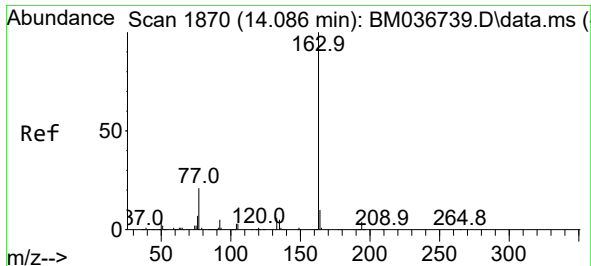
Ion Ratio Lower Upper

65 100

92 69.0 54.4 81.6

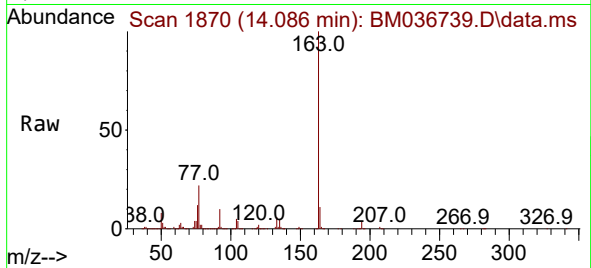
138 106.5 86.1 129.1



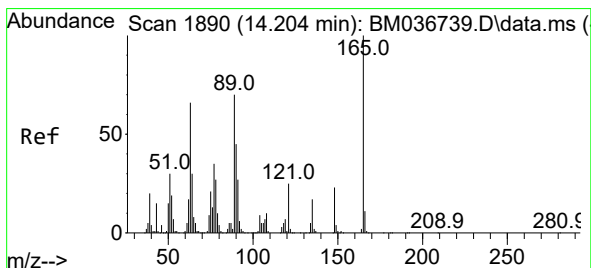
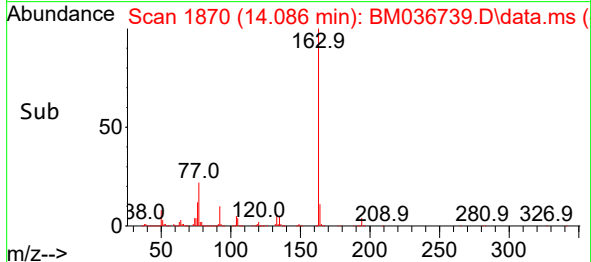
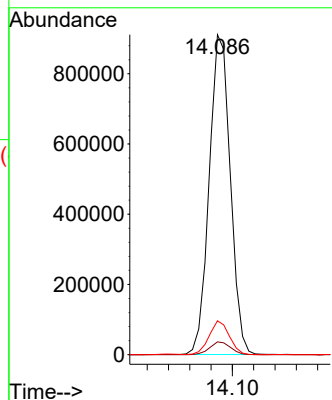


#47
Dimethylphthalate
Concen: 19.378 ng/ul
RT: 14.086 min Scan# 1870
Delta R.T. 0.000 min
Lab File: BM036739.D
Acq: 26 Sep 2022 11:13

Instrument :
BNA_M
ClientSampleId :

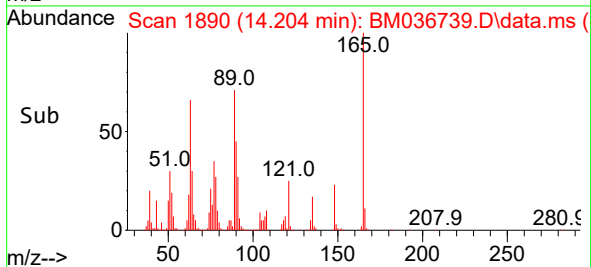
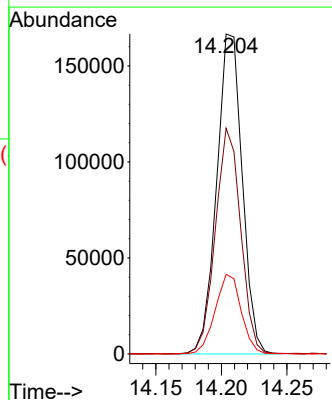
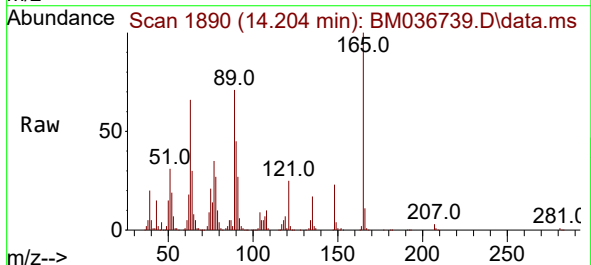


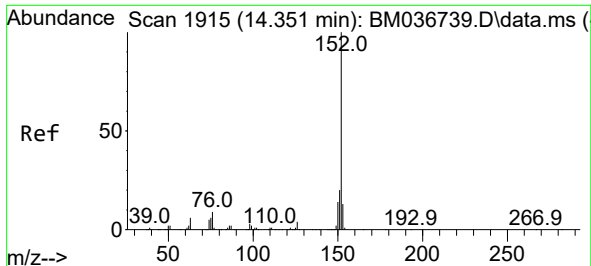
Tgt Ion:163 Resp: 1254438
Ion Ratio Lower Upper
163 100
194 4.0 3.0 4.6
164 10.6 8.3 12.5



#48
2,6-Dinitrotoluene
Concen: 21.507 ng/ul
RT: 14.204 min Scan# 1890
Delta R.T. 0.000 min
Lab File: BM036739.D
Acq: 26 Sep 2022 11:13

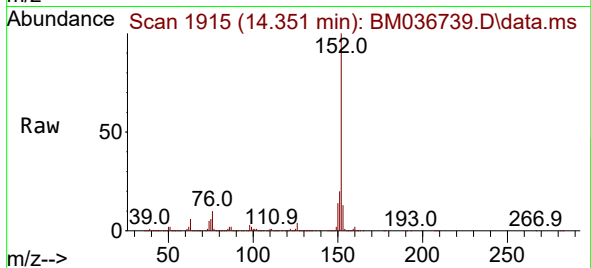
Tgt Ion:165 Resp: 226350
Ion Ratio Lower Upper
165 100
89 70.6 52.8 79.2
121 24.9 19.4 29.0



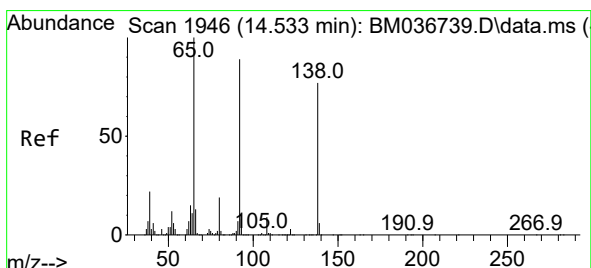
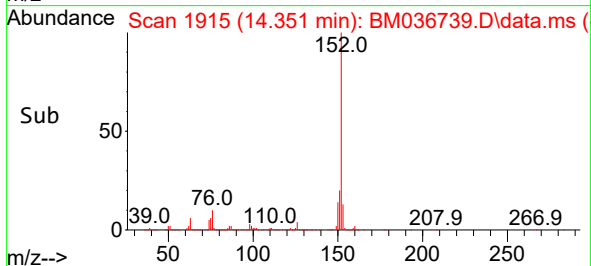
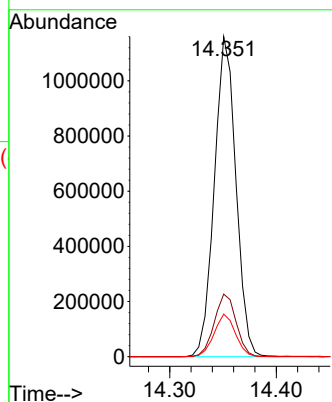


#50
Acenaphthylene
Concen: 19.700 ng/ul
RT: 14.351 min Scan# 1915
Delta R.T. 0.000 min
Lab File: BM036739.D
Acq: 26 Sep 2022 11:13

Instrument :
BNA_M
ClientSampleId :

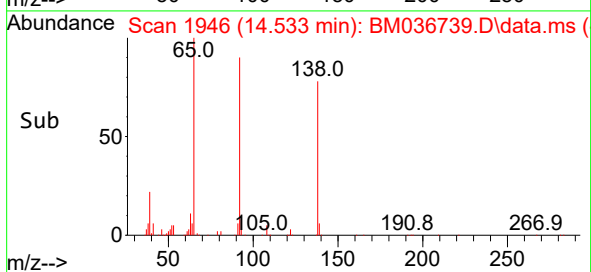
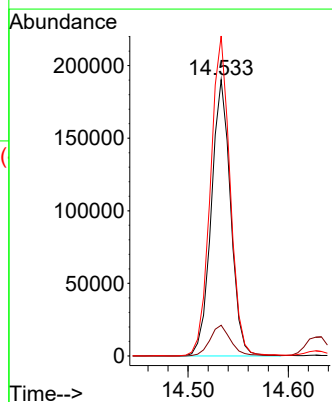
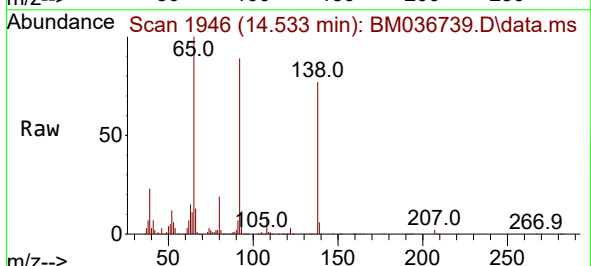


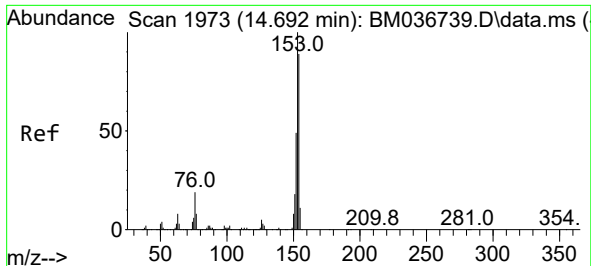
Tgt Ion:152 Resp: 1630354
Ion Ratio Lower Upper
152 100
151 19.6 15.7 23.5
153 13.3 10.5 15.7



#51
3-Nitroaniline
Concen: 20.163 ng/ul
RT: 14.533 min Scan# 1946
Delta R.T. 0.000 min
Lab File: BM036739.D
Acq: 26 Sep 2022 11:13

Tgt Ion:138 Resp: 254515
Ion Ratio Lower Upper
138 100
108 11.1 12.5 18.7#
92 115.8 95.4 143.2

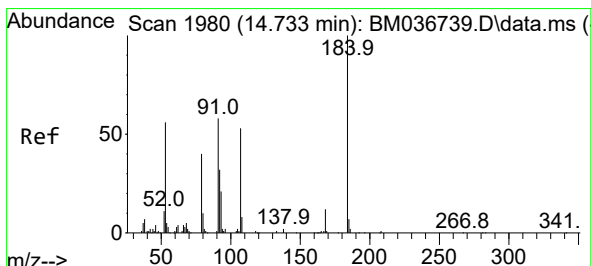
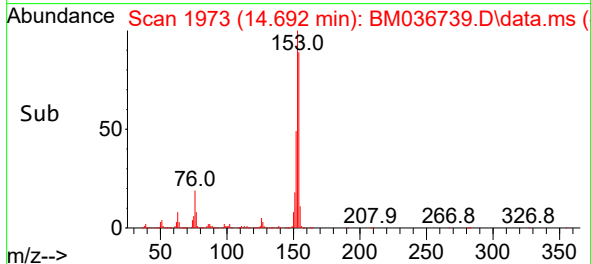
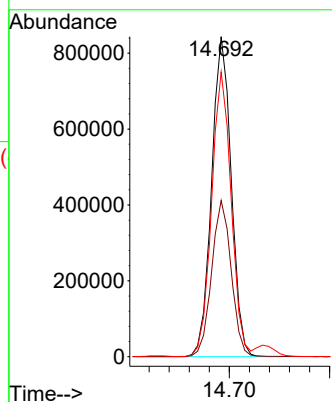
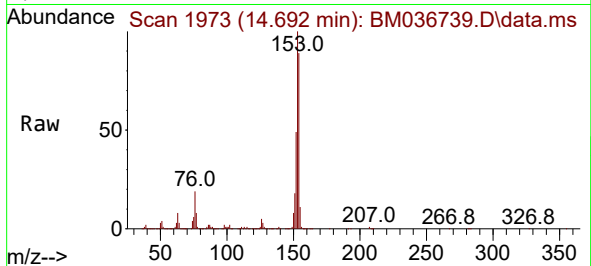




#52
Acenaphthene
Concen: 19.803 ng/ul
RT: 14.692 min Scan# 1973
Delta R.T. 0.000 min
Lab File: BM036739.D
Acq: 26 Sep 2022 11:13

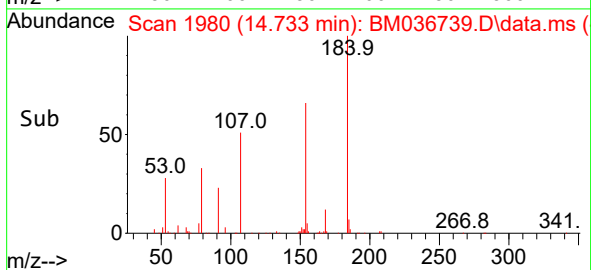
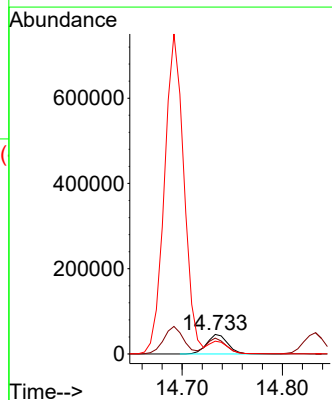
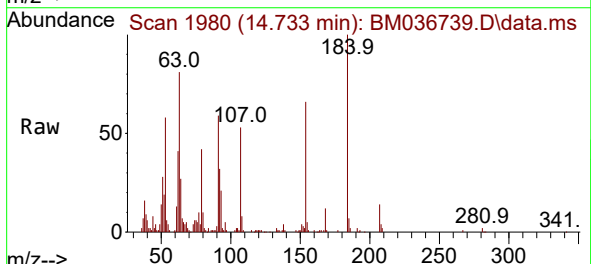
Instrument :
BNA_M
ClientSampleId :

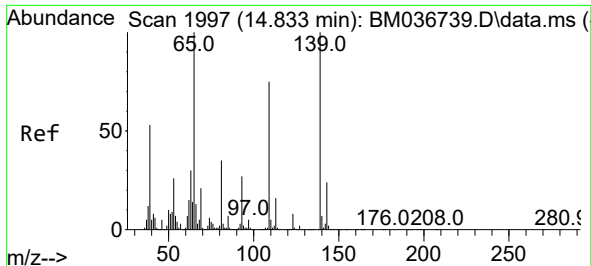
Tgt Ion:153 Resp: 1146714
Ion Ratio Lower Upper
153 100
152 48.8 38.2 57.2
154 89.0 71.0 106.6



#53
2,4-Dinitrophenol
Concen: 14.155 ng/ul
RT: 14.733 min Scan# 1980
Delta R.T. 0.000 min
Lab File: BM036739.D
Acq: 26 Sep 2022 11:13

Tgt Ion:184 Resp: 66103
Ion Ratio Lower Upper
184 100
63 81.2 58.8 88.2
154 66.2 55.0 82.4

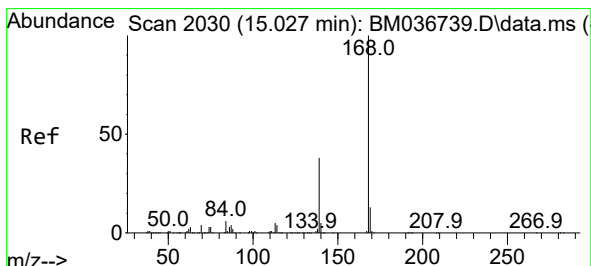
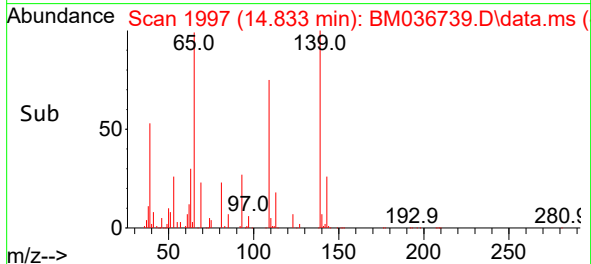
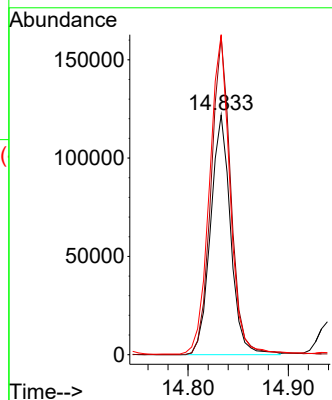
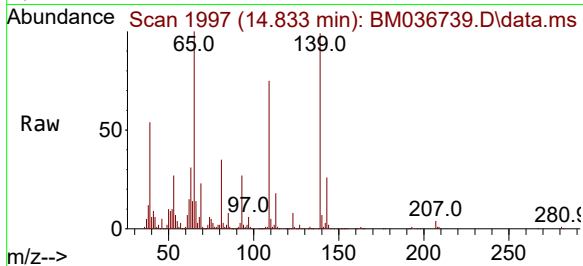




#55
4-Nitrophenol
Concen: 16.744 ng/ul
RT: 14.833 min Scan# 1997
Delta R.T. 0.000 min
Lab File: BM036739.D
Acq: 26 Sep 2022 11:13

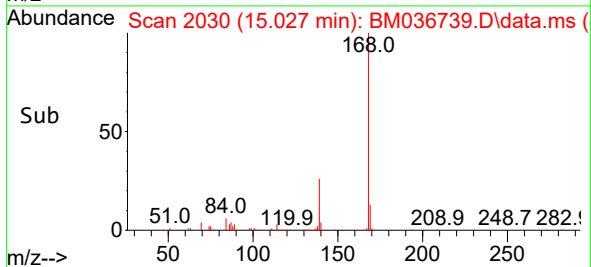
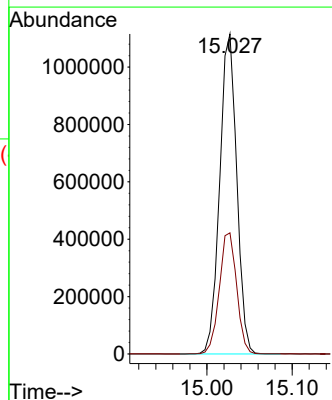
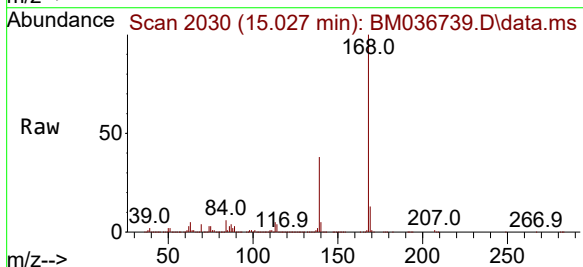
Instrument :
BNA_M
ClientSampleId :

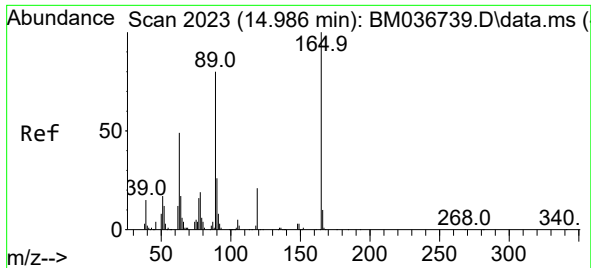
Tgt Ion:109 Resp: 169418
Ion Ratio Lower Upper
109 100
139 132.8 102.2 153.4
65 133.5 105.7 158.5



#56
Dibenzofuran
Concen: 19.959 ng/ul
RT: 15.027 min Scan# 2030
Delta R.T. 0.000 min
Lab File: BM036739.D
Acq: 26 Sep 2022 11:13

Tgt Ion:168 Resp: 1552180
Ion Ratio Lower Upper
168 100
139 37.8 29.7 44.5





#57

2,4-Dinitrotoluene

Concen: 21.507 ng/ul

RT: 14.986 min Scan# 2023

Delta R.T. 0.000 min

Lab File: BM036739.D

Acq: 26 Sep 2022 11:13

Instrument :

BNA_M

ClientSampleId :

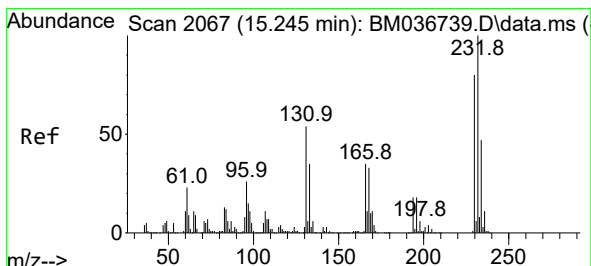
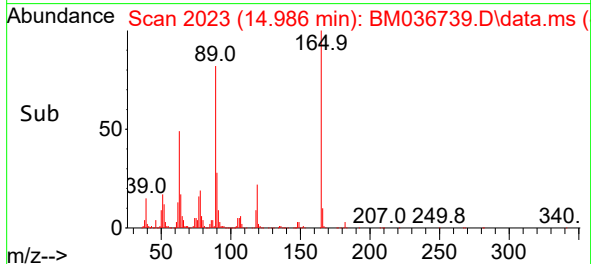
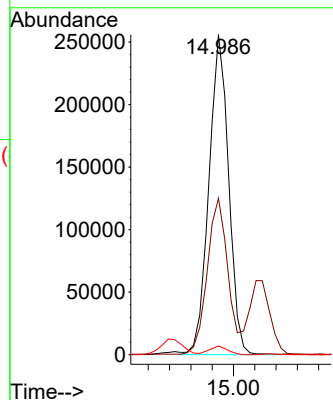
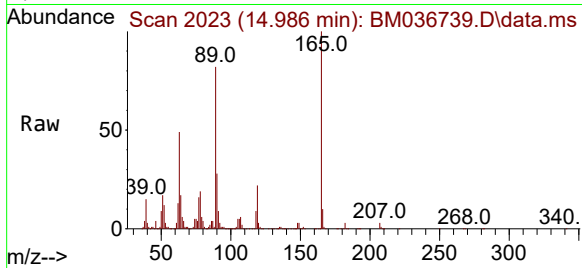
Tgt Ion:165 Resp: 329061

Ion Ratio Lower Upper

165 100

63 48.9 39.7 59.5

182 2.7 2.1 3.1



#58

2,3,4,6-Tetrachlorophenol

Concen: 19.416 ng/ul

RT: 15.245 min Scan# 2067

Delta R.T. 0.000 min

Lab File: BM036739.D

Acq: 26 Sep 2022 11:13

Tgt Ion:232 Resp: 273241

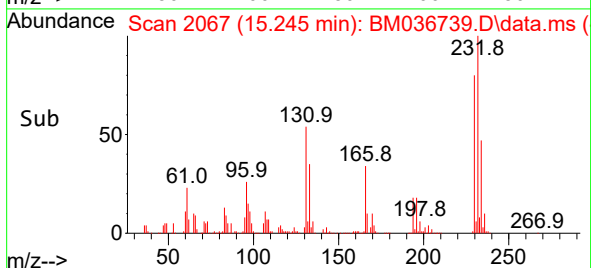
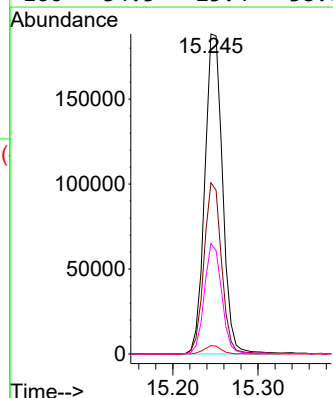
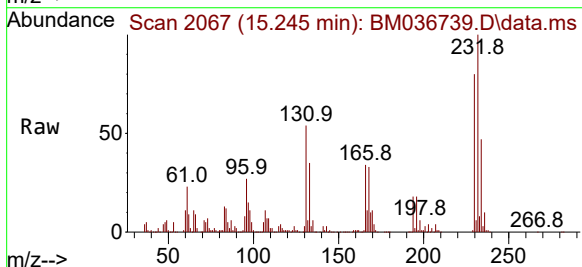
Ion Ratio Lower Upper

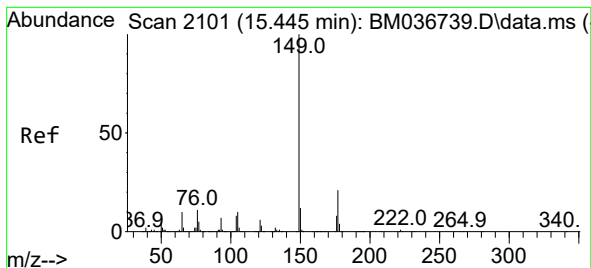
232 100

131 53.5 39.1 58.7

130 2.6 1.8 2.6

166 34.5 25.4 38.0





#59

Diethylphthalate

Concen: 19.337 ng/ul

RT: 15.445 min Scan# 2101

Delta R.T. 0.000 min

Lab File: BM036739.D

Acq: 26 Sep 2022 11:13

Instrument :

BNA_M

ClientSampleId :

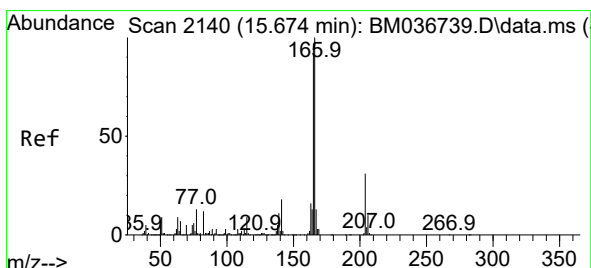
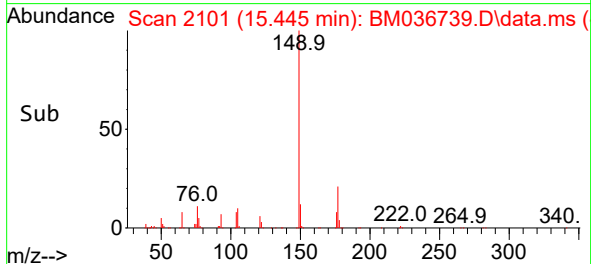
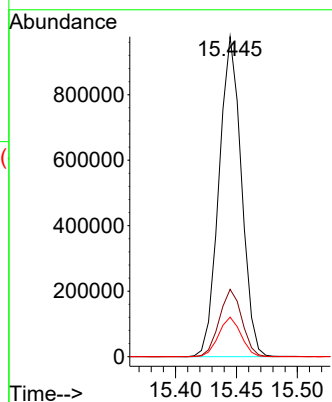
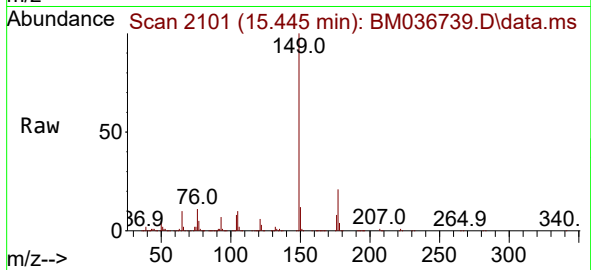
Tgt Ion:149 Resp: 1253075

Ion Ratio Lower Upper

149 100

177 21.0 17.3 25.9

150 12.4 10.1 15.1



#61

Fluorene

Concen: 19.603 ng/ul

RT: 15.674 min Scan# 2140

Delta R.T. 0.000 min

Lab File: BM036739.D

Acq: 26 Sep 2022 11:13

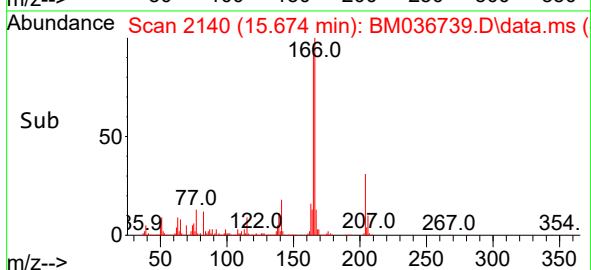
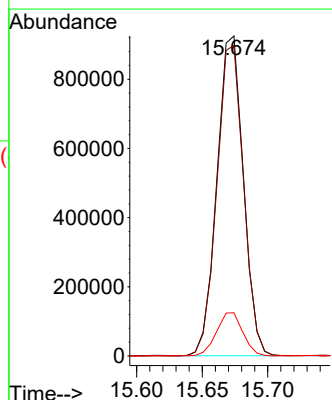
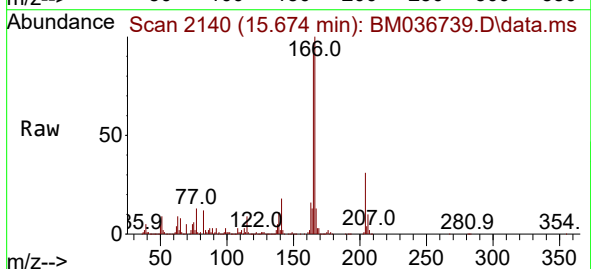
Tgt Ion:166 Resp: 1298367

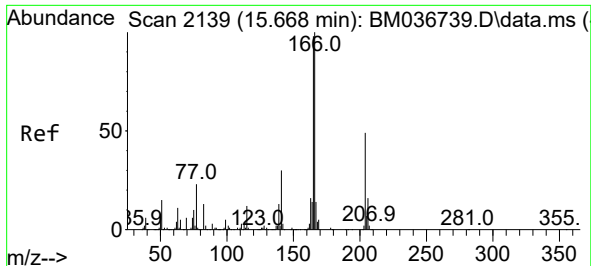
Ion Ratio Lower Upper

166 100

165 97.1 78.5 117.7

167 13.5 10.4 15.6

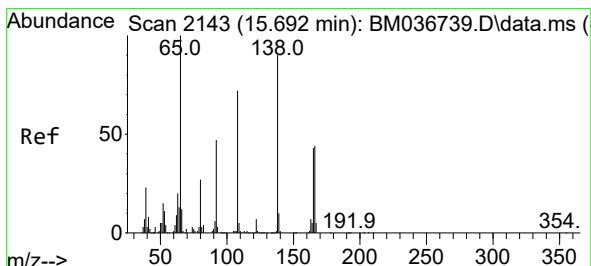
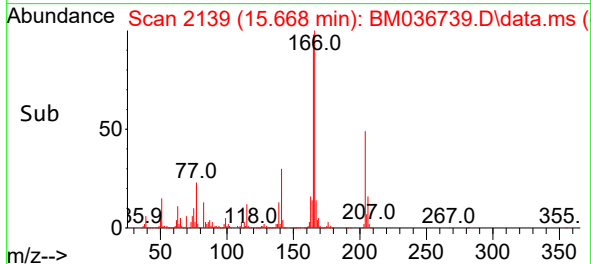
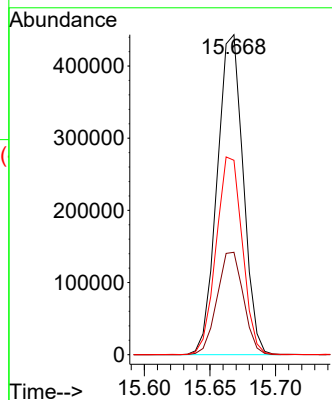
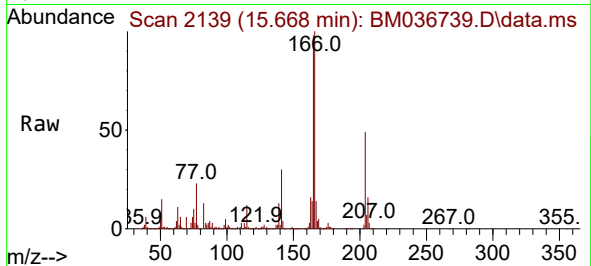




#62
4-Chlorophenyl-phenylether
Concen: 19.340 ng/ul
RT: 15.668 min Scan# 2139
Delta R.T. 0.000 min
Lab File: BM036739.D
Acq: 26 Sep 2022 11:13

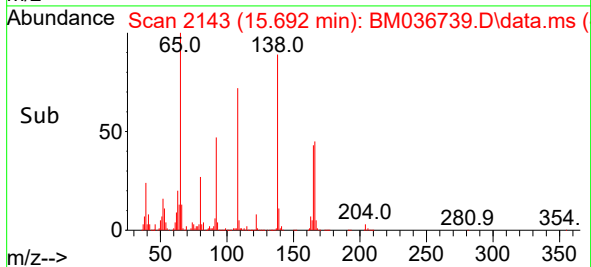
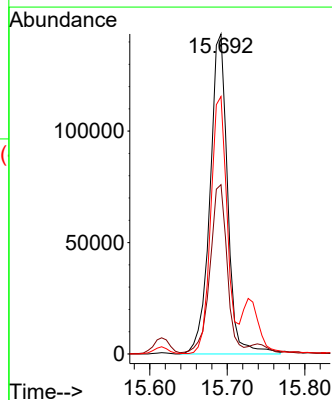
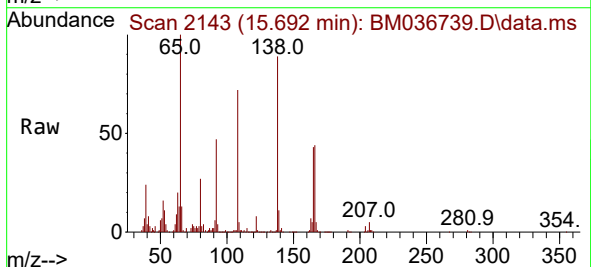
Instrument :
BNA_M
ClientSampleId :

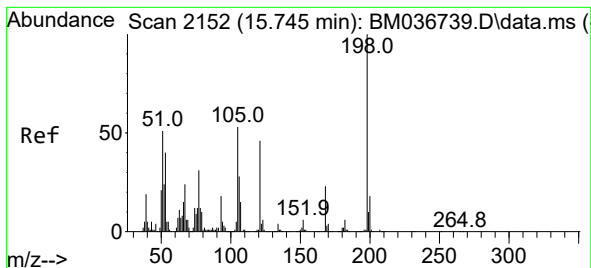
Tgt Ion:204 Resp: 612625
Ion Ratio Lower Upper
204 100
206 32.0 25.7 38.5
141 60.7 49.4 74.0



#63
4-Nitroaniline
Concen: 18.531 ng/ul
RT: 15.692 min Scan# 2143
Delta R.T. 0.000 min
Lab File: BM036739.D
Acq: 26 Sep 2022 11:13

Tgt Ion:138 Resp: 227264
Ion Ratio Lower Upper
138 100
92 52.9 42.1 63.1
108 80.4 66.2 99.2

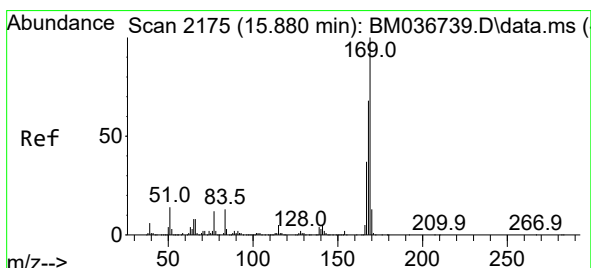
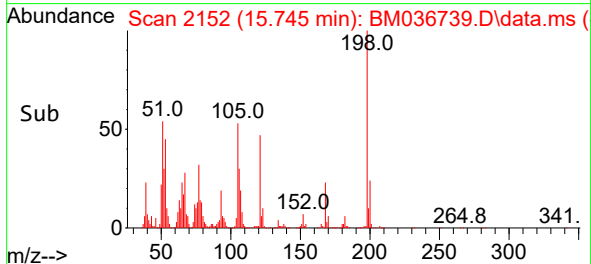
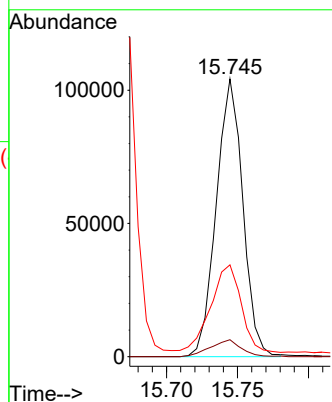
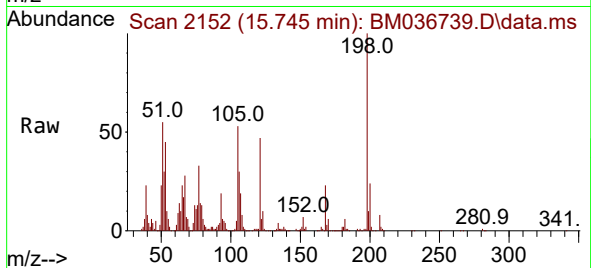




#66
 4,6-Dinitro-2-methylphenol
 Concen: 17.265 ng/ul
 RT: 15.745 min Scan# 2152
 Delta R.T. 0.000 min
 Lab File: BM036739.D
 Acq: 26 Sep 2022 11:13

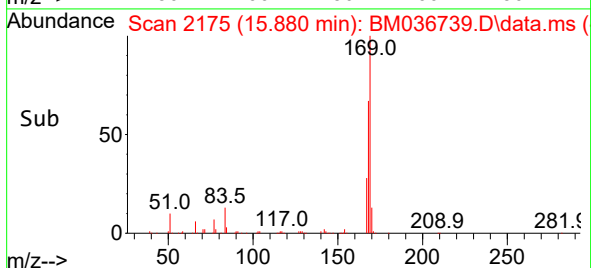
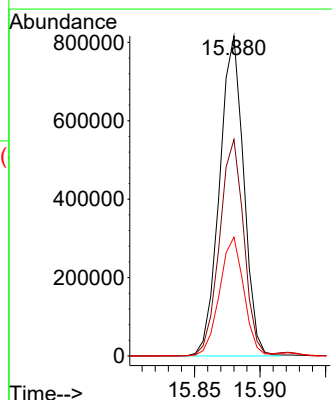
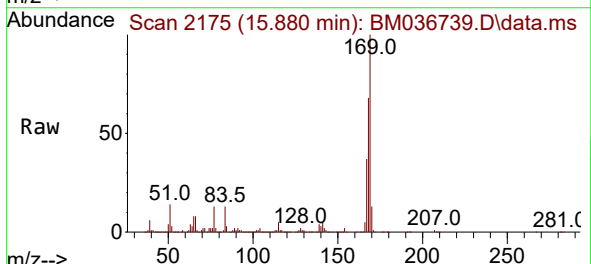
Instrument :
 BNA_M
 ClientSampleId :

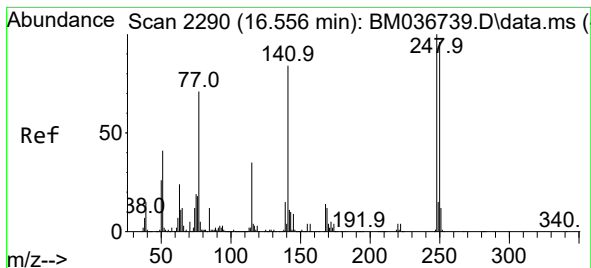
Tgt Ion:198 Resp: 135513
 Ion Ratio Lower Upper
 198 100
 182 6.1 4.2 6.2
 77 33.0 24.0 36.0



#67
 N-Nitrosodiphenylamine
 Concen: 20.196 ng/ul
 RT: 15.880 min Scan# 2175
 Delta R.T. 0.000 min
 Lab File: BM036739.D
 Acq: 26 Sep 2022 11:13

Tgt Ion:169 Resp: 1045717
 Ion Ratio Lower Upper
 169 100
 168 67.7 54.6 81.8
 167 37.2 29.6 44.4

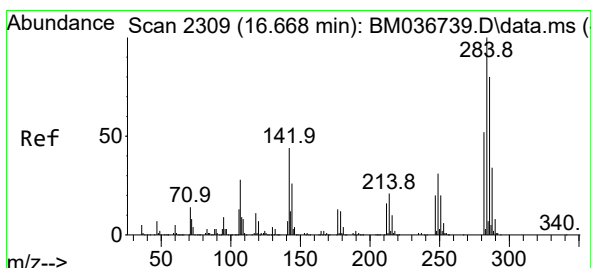
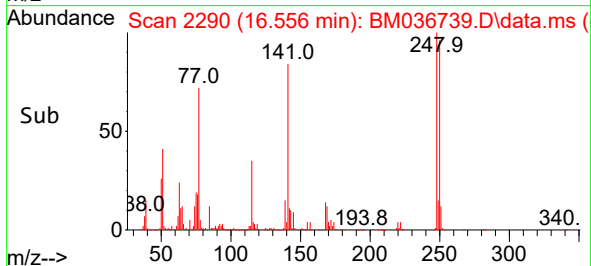
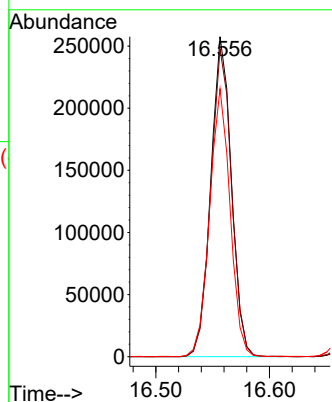
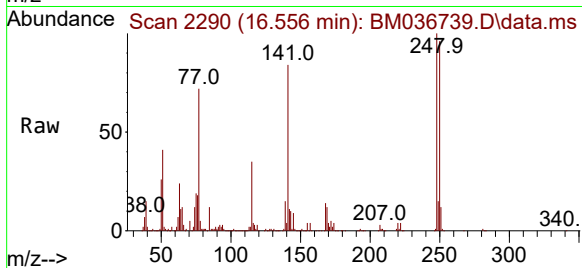




#68
4-Bromophenyl-phenylether
Concen: 18.752 ng/ul
RT: 16.556 min Scan# 2290
Delta R.T. 0.000 min
Lab File: BM036739.D
Acq: 26 Sep 2022 11:13

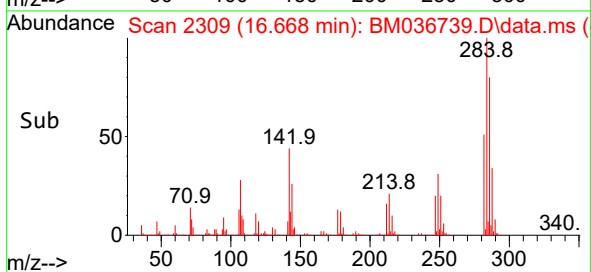
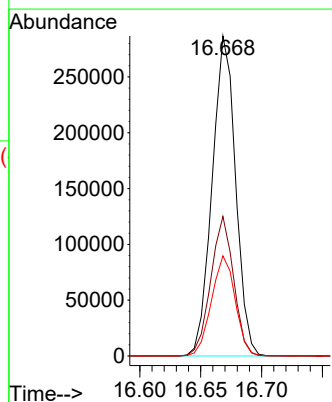
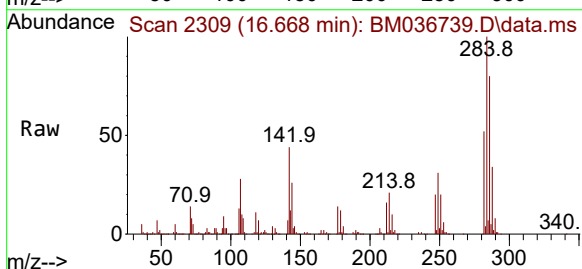
Instrument :
BNA_M
ClientSampleId :

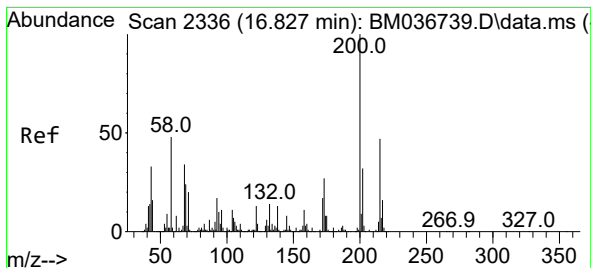
Tgt Ion:248 Resp: 324930
Ion Ratio Lower Upper
248 100
250 96.2 78.9 118.3
141 83.7 65.7 98.5



#69
Hexachlorobenzene
Concen: 18.701 ng/ul
RT: 16.668 min Scan# 2309
Delta R.T. 0.000 min
Lab File: BM036739.D
Acq: 26 Sep 2022 11:13

Tgt Ion:284 Resp: 383285
Ion Ratio Lower Upper
284 100
142 43.6 30.8 46.2
249 31.3 24.2 36.2





#70

Atrazine

Concen: 18.286 ng/ul

RT: 16.827 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM036739.D

Acq: 26 Sep 2022 11:13

Instrument :

BNA_M

ClientSampleId :

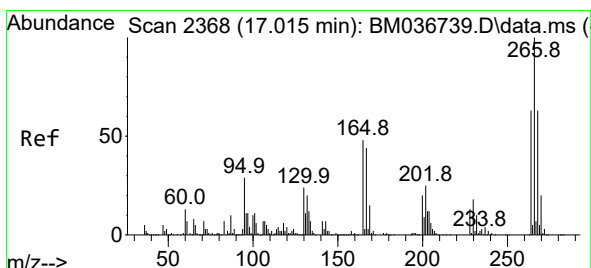
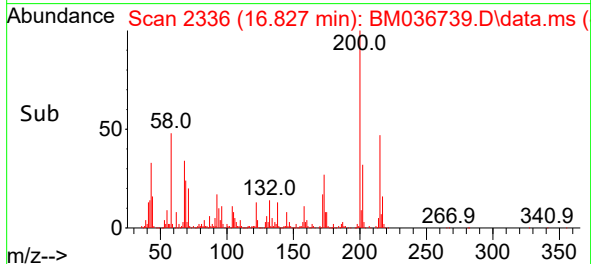
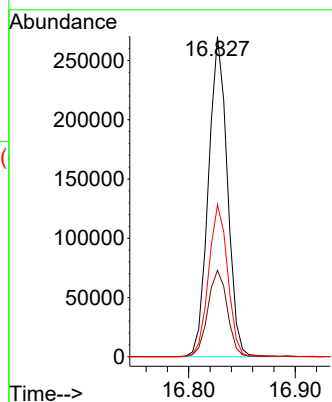
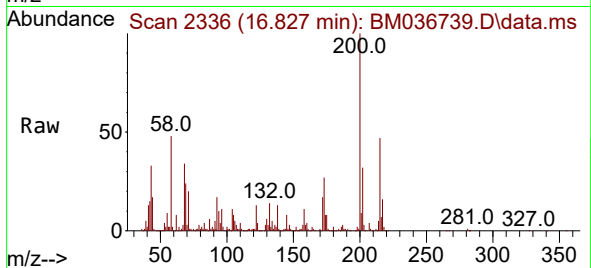
Tgt Ion:200 Resp: 334127

Ion Ratio Lower Upper

200 100

173 27.0 21.8 32.6

215 47.4 39.4 59.2



#71

Pentachlorophenol

Concen: 16.088 ng/ul

RT: 17.015 min Scan# 2368

Delta R.T. 0.000 min

Lab File: BM036739.D

Acq: 26 Sep 2022 11:13

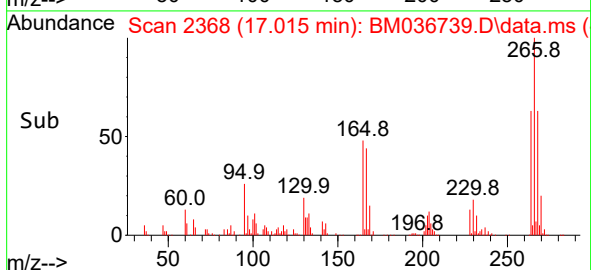
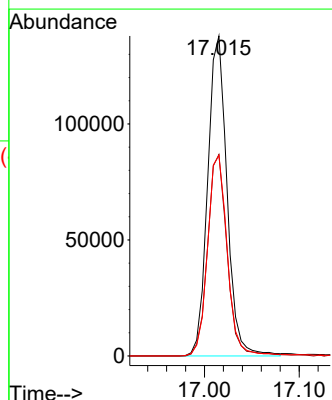
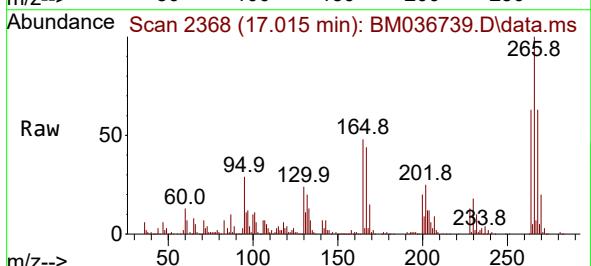
Tgt Ion:266 Resp: 195861

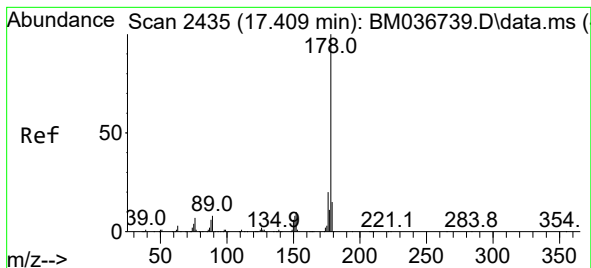
Ion Ratio Lower Upper

266 100

264 63.0 49.7 74.5

268 62.7 51.8 77.6





#72

Phenanthrene

Concen: 20.023 ng/ul

RT: 17.409 min Scan# 2435

Delta R.T. 0.000 min

Lab File: BM036739.D

Acq: 26 Sep 2022 11:13

Instrument :

BNA_M

ClientSampleId :

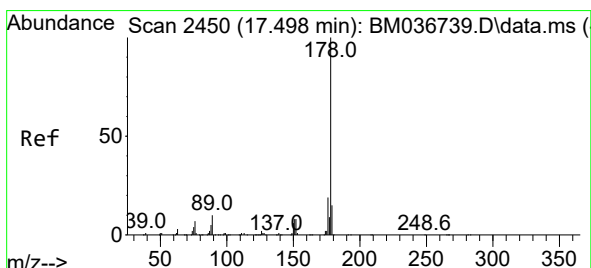
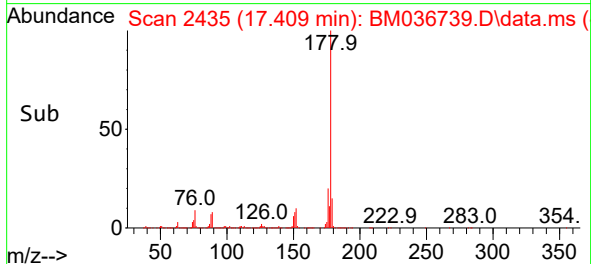
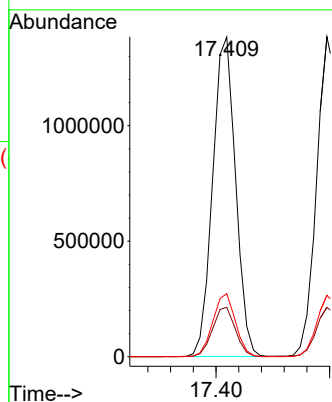
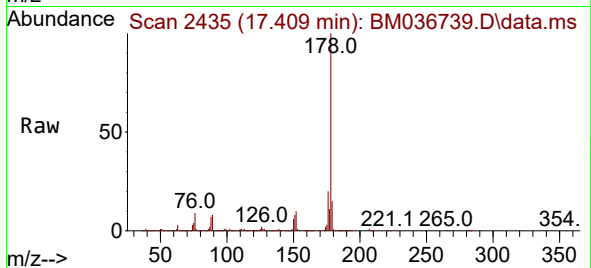
Tgt Ion:178 Resp: 1938954

Ion Ratio Lower Upper

178 100

179 15.5 12.2 18.2

176 19.7 15.7 23.5



#74

Anthracene

Concen: 19.912 ng/ul

RT: 17.498 min Scan# 2450

Delta R.T. 0.000 min

Lab File: BM036739.D

Acq: 26 Sep 2022 11:13

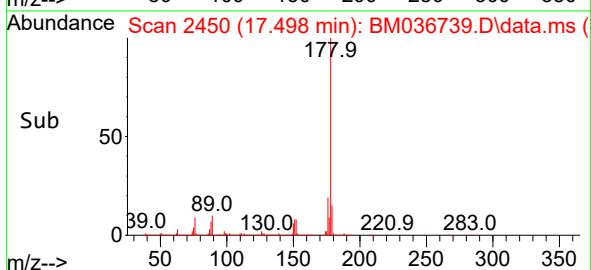
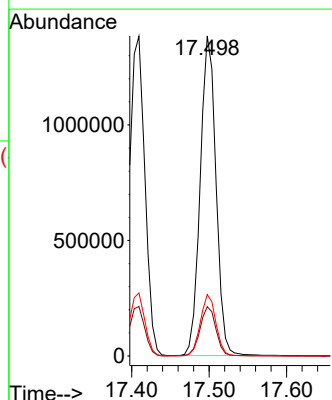
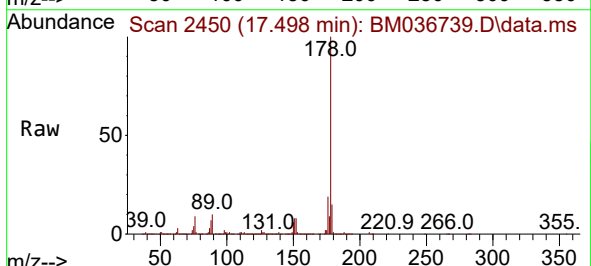
Tgt Ion:178 Resp: 1959910

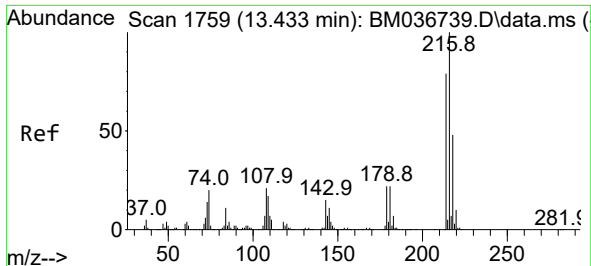
Ion Ratio Lower Upper

178 100

179 15.4 12.3 18.5

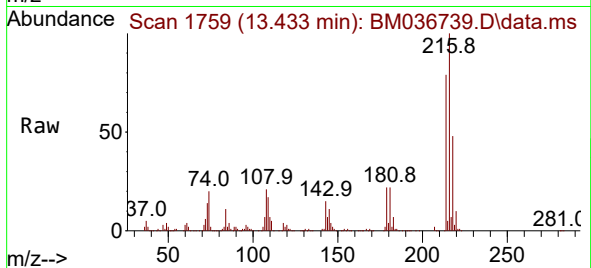
176 19.2 15.0 22.6



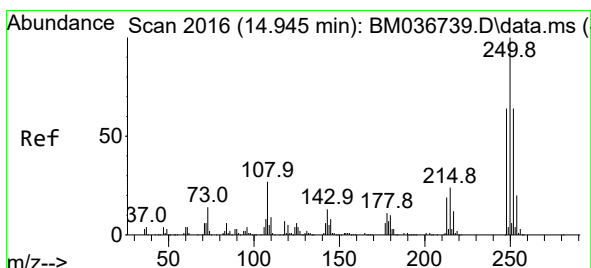
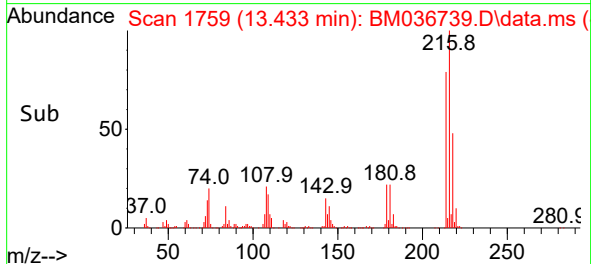
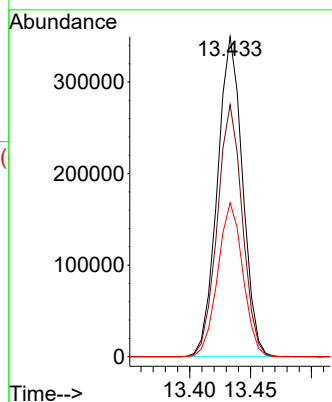


#75
1,2,3,4-Tetrachlorobenzene
Concen: 20.959 ng/uL
RT: 13.433 min Scan# 1759
Delta R.T. 0.000 min
Lab File: BM036739.D
Acq: 26 Sep 2022 11:13

Instrument :
BNA_M
ClientSampleId :

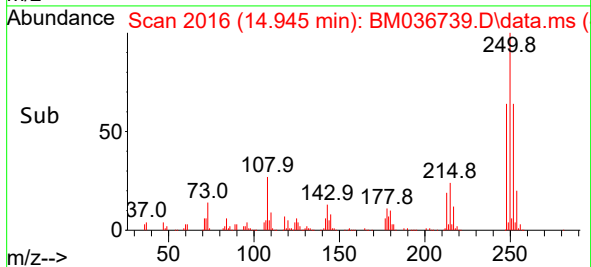
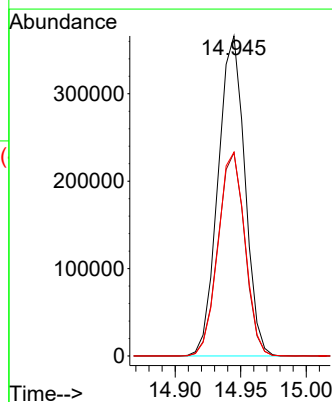
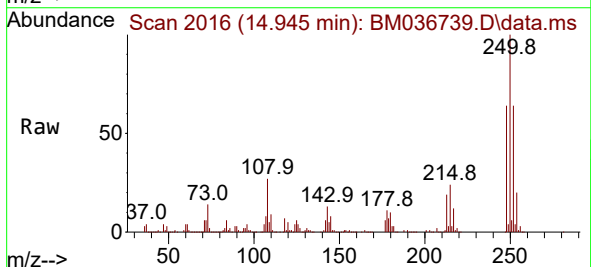


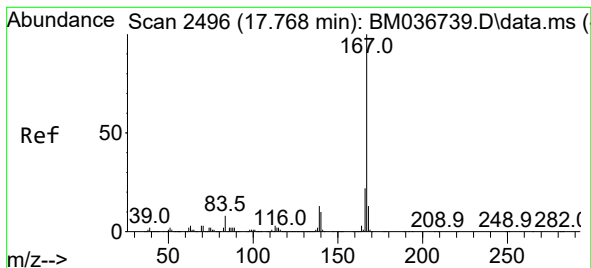
Tgt Ion:216 Resp: 503969
Ion Ratio Lower Upper
216 100
214 78.8 62.6 94.0
218 48.1 38.2 57.2



#76
Pentachlorobenzene
Concen: 19.995 ng/uL
RT: 14.945 min Scan# 2016
Delta R.T. 0.000 min
Lab File: BM036739.D
Acq: 26 Sep 2022 11:13

Tgt Ion:250 Resp: 520018
Ion Ratio Lower Upper
250 100
248 63.6 50.2 75.2
252 63.6 50.5 75.7





#77

Carbazole

Concen: 18.786 ng/ul

RT: 17.768 min Scan# 2496

Delta R.T. 0.000 min

Lab File: BM036739.D

Acq: 26 Sep 2022 11:13

Instrument :

BNA_M

ClientSampleId :

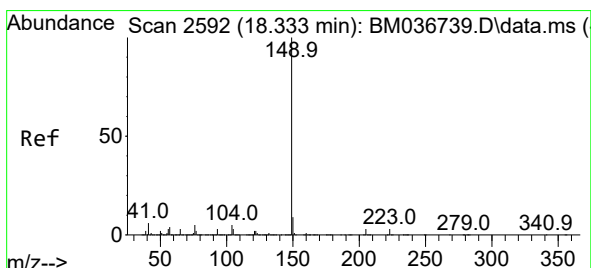
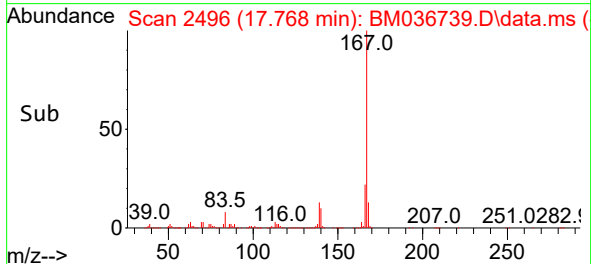
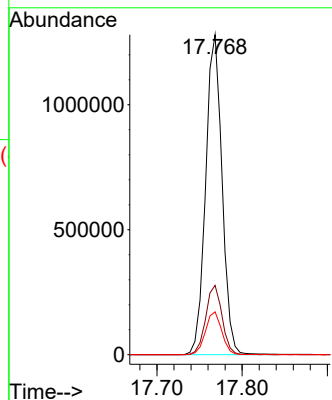
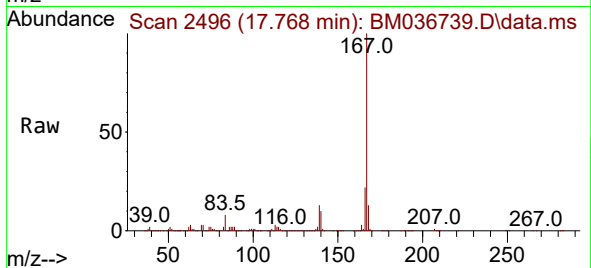
Tgt Ion:167 Resp: 1711902

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: 19.788 ng/ul

RT: 18.333 min Scan# 2592

Delta R.T. 0.000 min

Lab File: BM036739.D

Acq: 26 Sep 2022 11:13

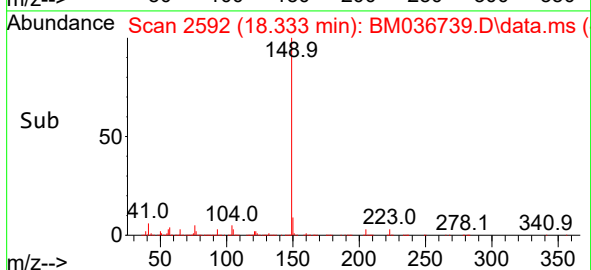
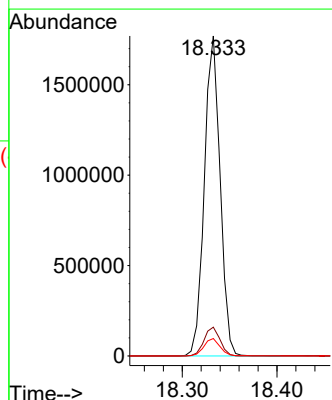
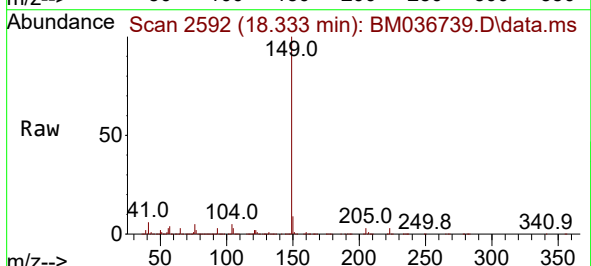
Tgt Ion:149 Resp: 2043824

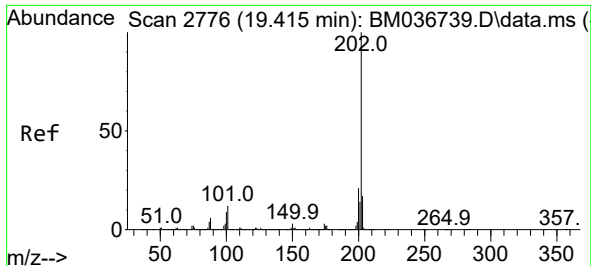
Ion Ratio Lower Upper

149 100

150 9.0 7.2 10.8

104 5.4 4.3 6.5

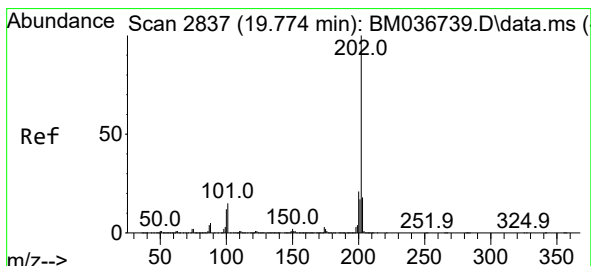
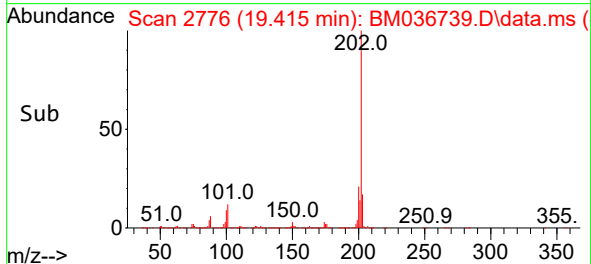
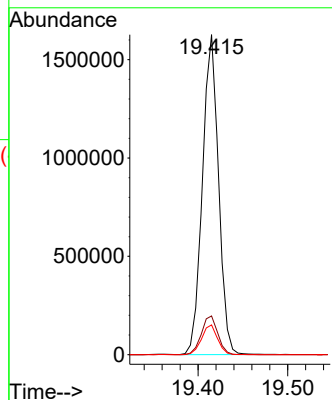
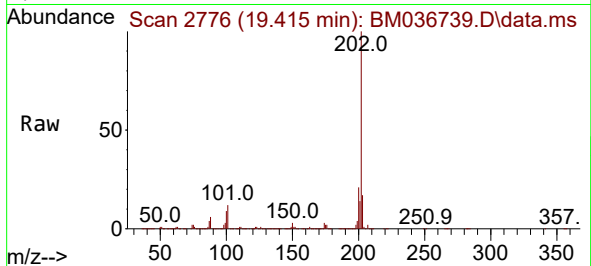




#80
Fluoranthene
Concen: 23.833 ng/ul
RT: 19.415 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM036739.D
Acq: 26 Sep 2022 11:13

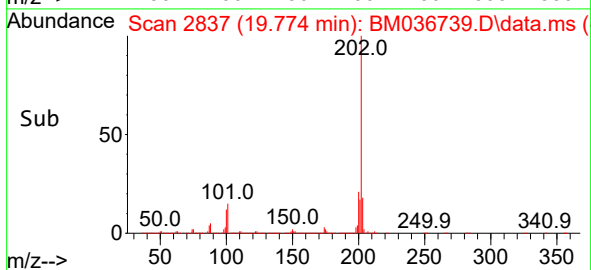
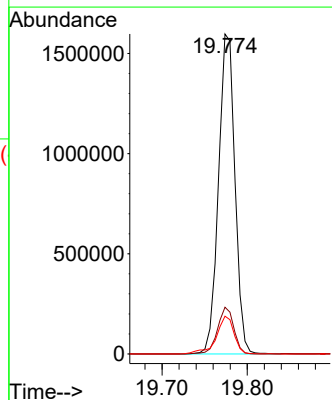
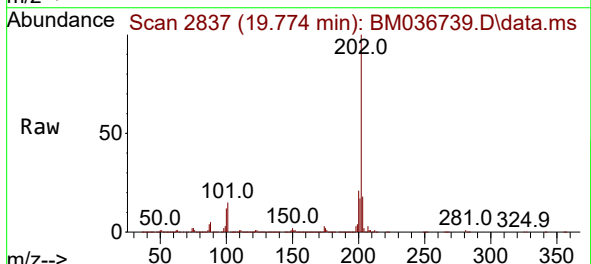
Instrument :
BNA_M
ClientSampleId :

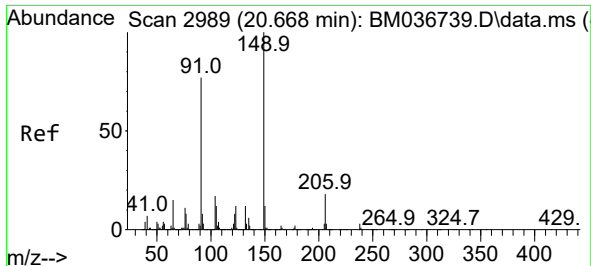
Tgt Ion:202 Resp: 2027359
Ion Ratio Lower Upper
202 100
101 12.1 9.8 14.6
100 9.3 7.4 11.2



#82
Pyrene
Concen: 23.849 ng/ul
RT: 19.774 min Scan# 2837
Delta R.T. 0.000 min
Lab File: BM036739.D
Acq: 26 Sep 2022 11:13

Tgt Ion:202 Resp: 2147507
Ion Ratio Lower Upper
202 100
101 14.6 10.9 16.3
100 11.8 8.7 13.1

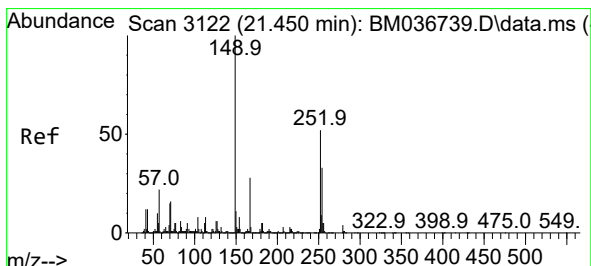
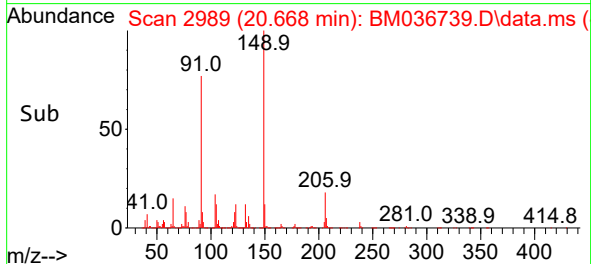
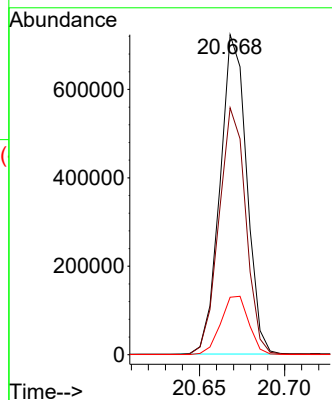
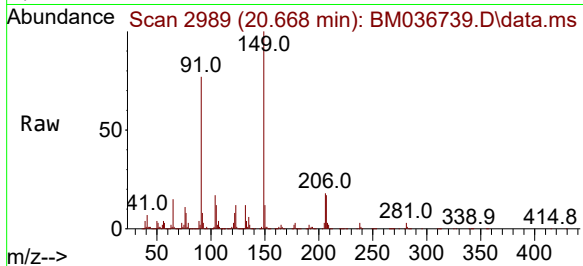




#83
Butylbenzylphthalate
Concen: 23.041 ng/ul
RT: 20.668 min Scan# 2989
Delta R.T. 0.000 min
Lab File: BM036739.D
Acq: 26 Sep 2022 11:13

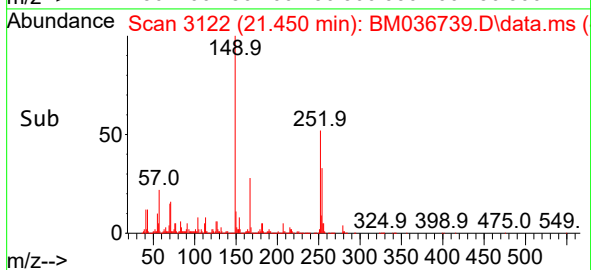
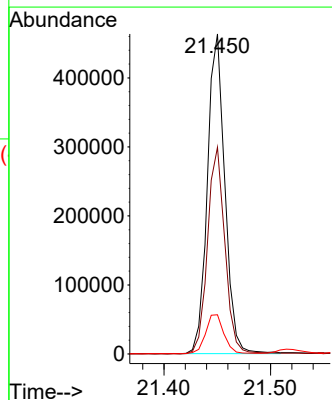
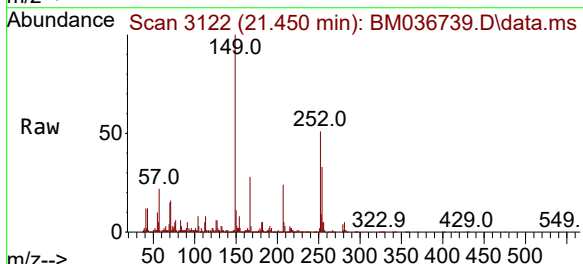
Instrument :
BNA_M
ClientSampleId :

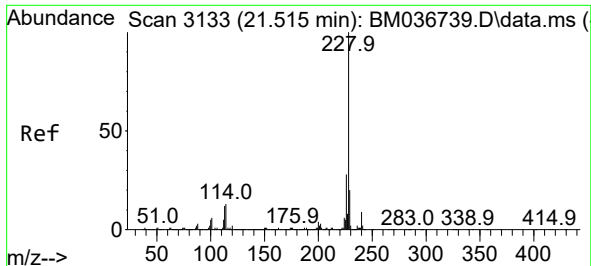
Tgt Ion:149 Resp: 786167
Ion Ratio Lower Upper
149 100
91 77.2 55.2 82.8
206 17.9 16.2 24.2



#84
3,3'-Dichlorobenzidine
Concen: 19.150 ng/ul
RT: 21.450 min Scan# 3122
Delta R.T. 0.000 min
Lab File: BM036739.D
Acq: 26 Sep 2022 11:13

Tgt Ion:252 Resp: 527993
Ion Ratio Lower Upper
252 100
254 64.6 53.0 79.4
126 12.2 10.4 15.6

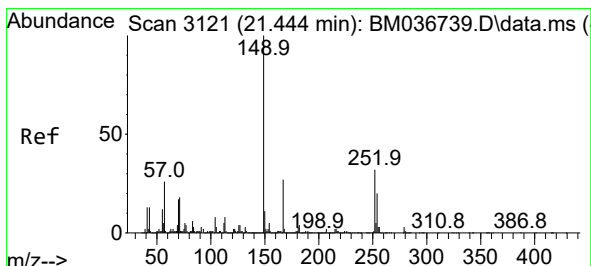
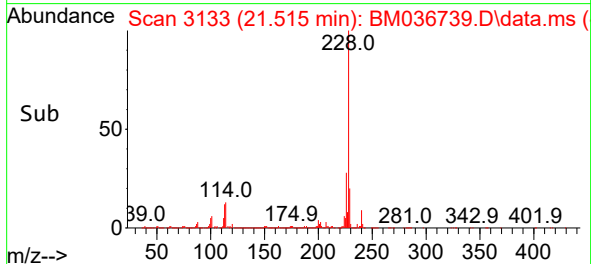
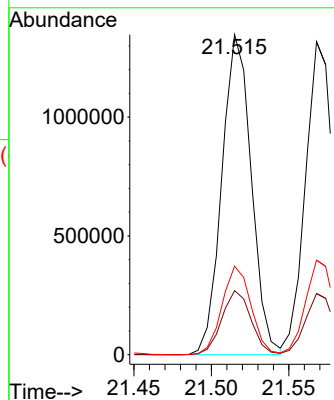
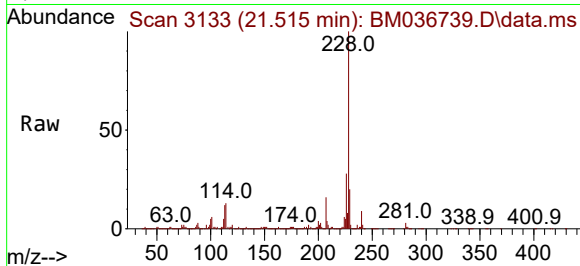




#85
Benzo(a)anthracene
Concen: 20.142 ng/ul
RT: 21.515 min Scan# 3133
Delta R.T. 0.000 min
Lab File: BM036739.D
Acq: 26 Sep 2022 11:13

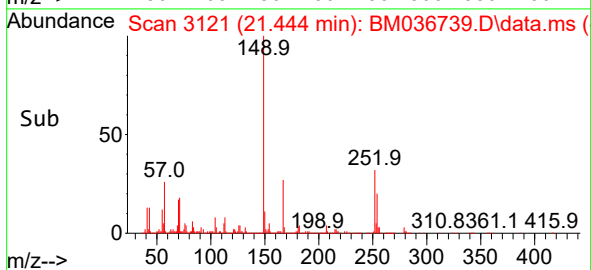
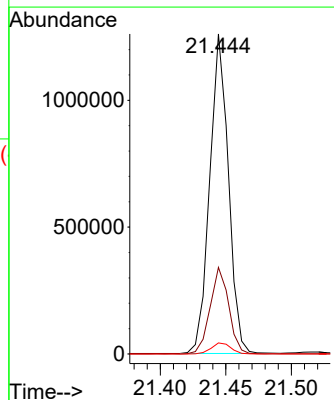
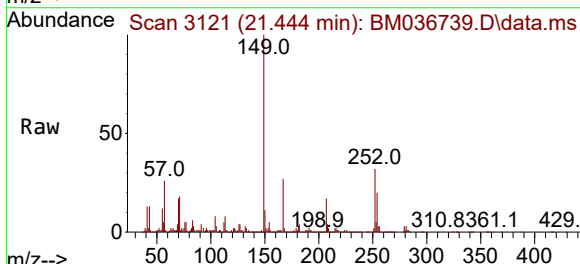
Instrument :
BNA_M
ClientSampleId :

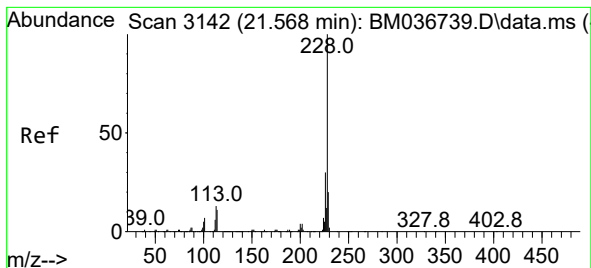
Tgt Ion:228 Resp: 1780806
Ion Ratio Lower Upper
228 100
229 20.0 15.8 23.8
226 27.6 21.9 32.9



#86
Bis(2-ethylhexyl)phthalate
Concen: 25.001 ng/ul
RT: 21.444 min Scan# 3121
Delta R.T. 0.000 min
Lab File: BM036739.D
Acq: 26 Sep 2022 11:13

Tgt Ion:149 Resp: 1246096
Ion Ratio Lower Upper
149 100
167 27.1 22.0 33.0
279 3.5 3.3 4.9





#87

Chrysene

Concen: 19.959 ng/ul

RT: 21.568 min Scan# 3142

Delta R.T. 0.000 min

Lab File: BM036739.D

Acq: 26 Sep 2022 11:13

Instrument :

BNA_M

ClientSampleId :

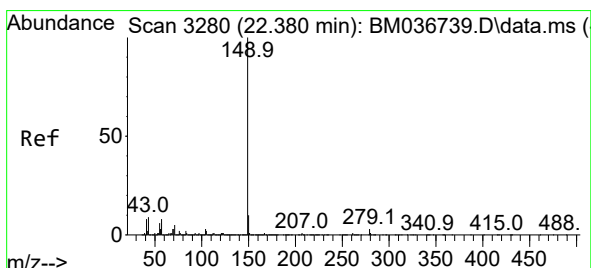
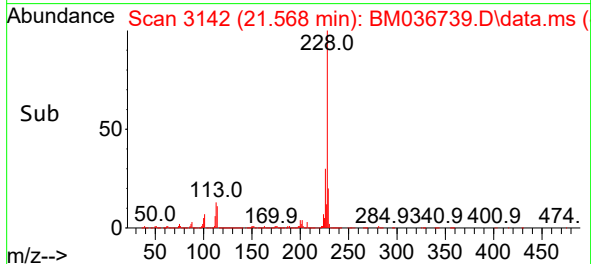
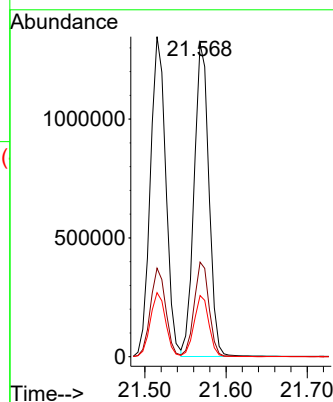
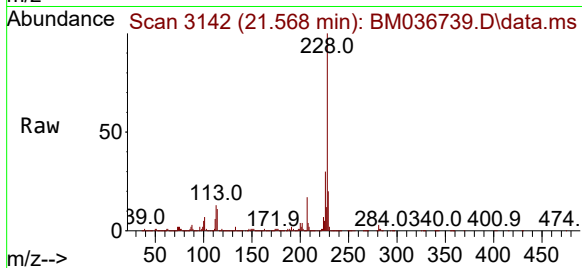
Tgt Ion:228 Resp: 1674899

Ion Ratio Lower Upper

228 100

226 30.2 24.4 36.6

229 19.5 15.6 23.4



#89

Di-n-octyl phthalate

Concen: 25.325 ng/ul

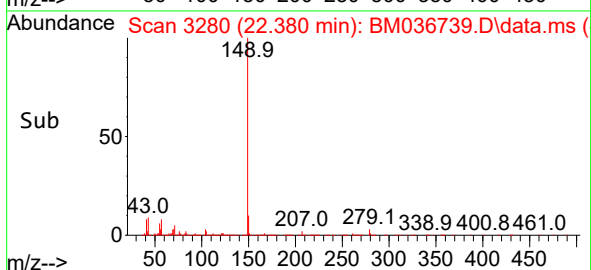
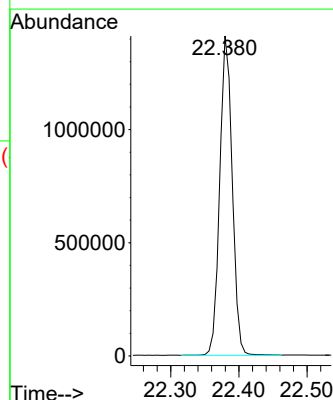
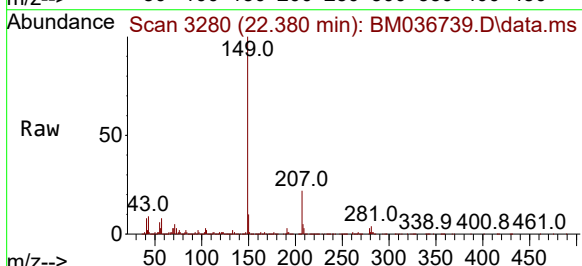
RT: 22.380 min Scan# 3280

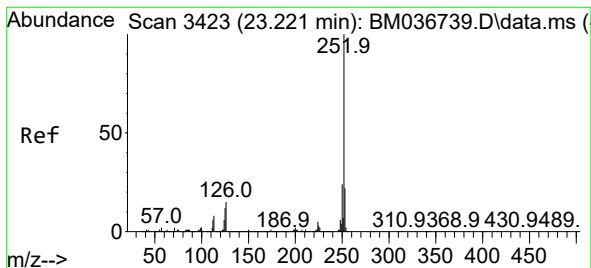
Delta R.T. 0.000 min

Lab File: BM036739.D

Acq: 26 Sep 2022 11:13

Tgt Ion:149 Resp: 1802092





#90

Benzo(b)fluoranthene

Concen: 20.856 ng/ul

RT: 23.221 min Scan# 3423

Delta R.T. 0.000 min

Lab File: BM036739.D

Acq: 26 Sep 2022 11:13

Instrument :

BNA_M

ClientSampleId :

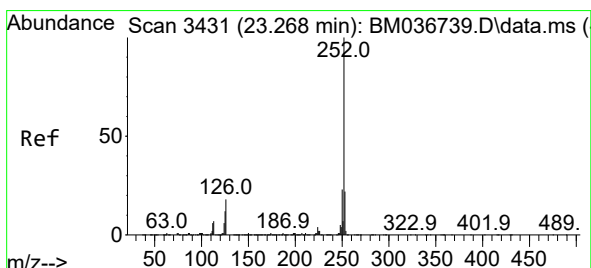
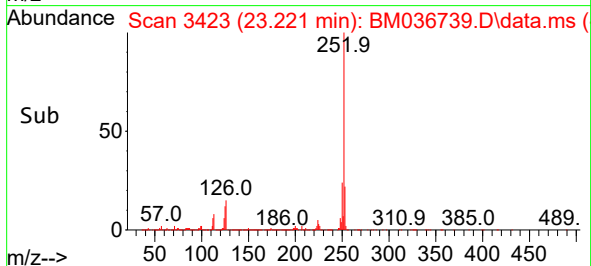
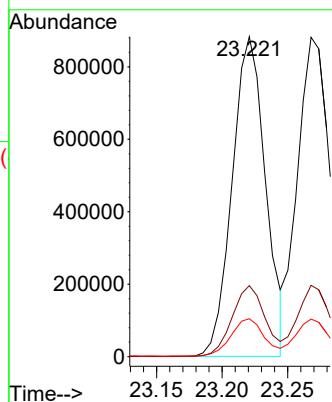
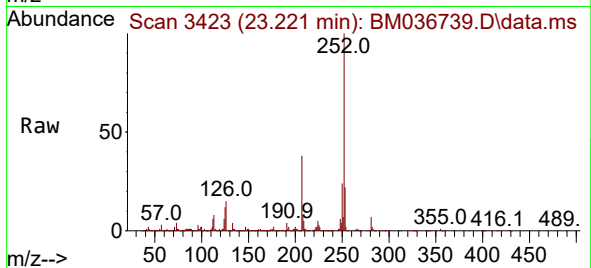
Tgt Ion:252 Resp: 1561067

Ion Ratio Lower Upper

252 100

253 22.2 17.6 26.4

125 11.8 9.1 13.7



#91

Benzo(k)fluoranthene

Concen: 20.769 ng/ul

RT: 23.268 min Scan# 3431

Delta R.T. 0.000 min

Lab File: BM036739.D

Acq: 26 Sep 2022 11:13

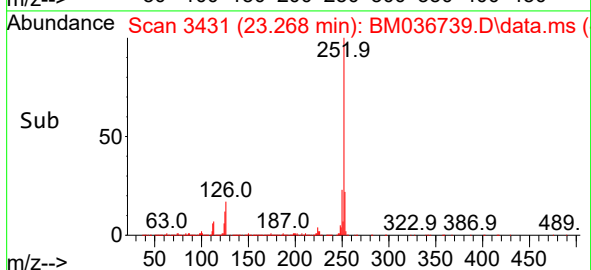
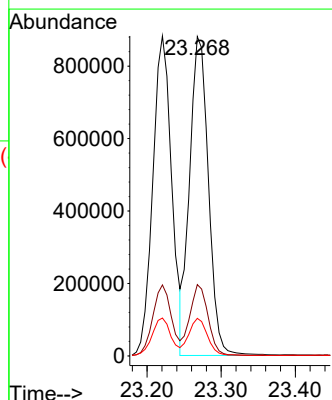
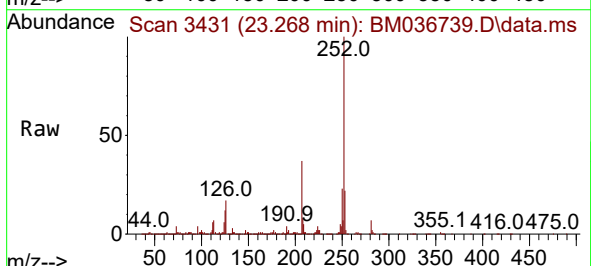
Tgt Ion:252 Resp: 1553364

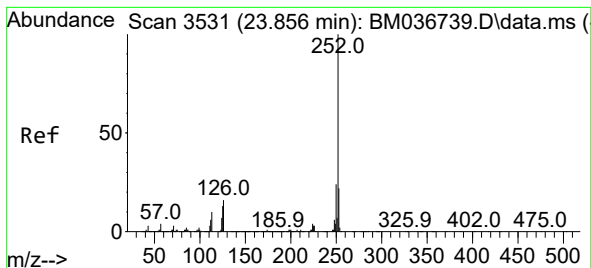
Ion Ratio Lower Upper

252 100

253 22.4 17.8 26.8

125 11.8 8.2 12.4





#93

Benzo(a)pyrene

Concen: 20.223 ng/ul

RT: 23.856 min Scan# 3

Delta R.T. 0.000 min

Lab File: BM036739.D

Acq: 26 Sep 2022 11:13

Instrument :

BNA_M

ClientSampleId :

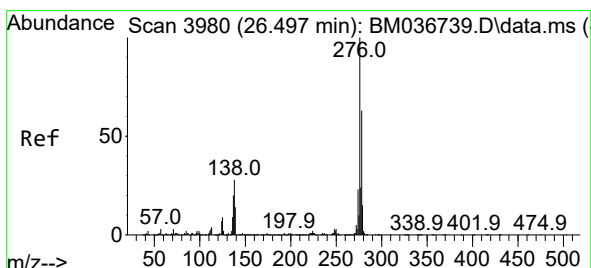
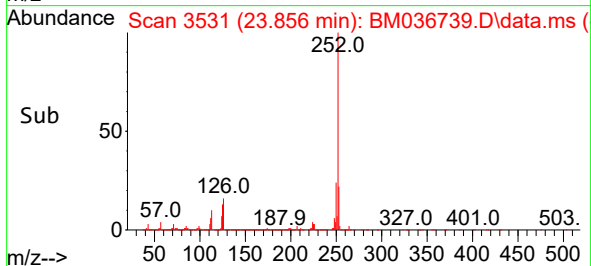
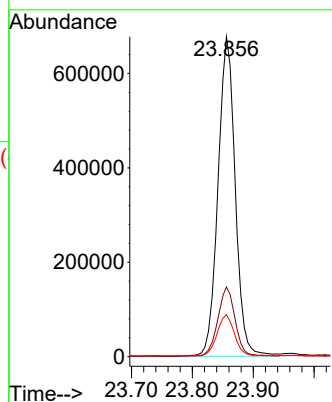
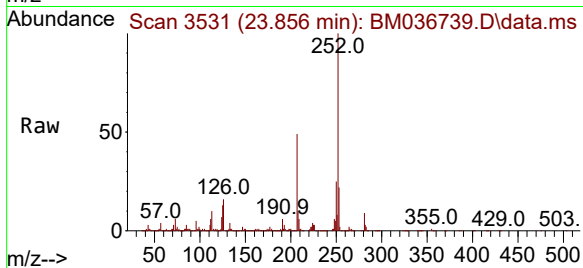
Tgt Ion:252 Resp: 1330711

Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

125 13.1 9.5 14.3



#94

Indeno(1,2,3-cd)pyrene

Concen: 18.589 ng/ul

RT: 26.497 min Scan# 3980

Delta R.T. 0.000 min

Lab File: BM036739.D

Acq: 26 Sep 2022 11:13

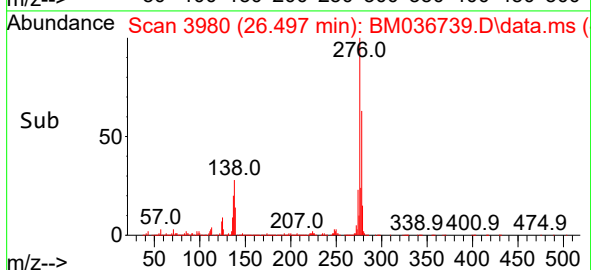
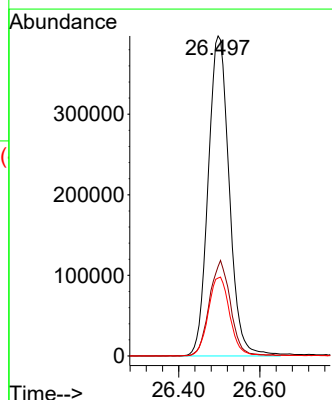
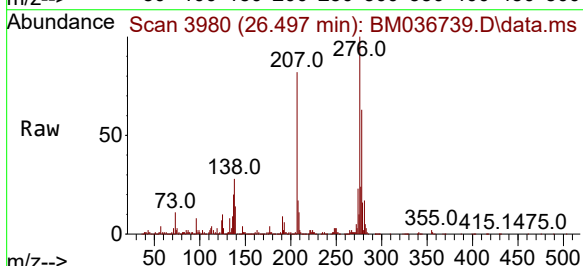
Tgt Ion:276 Resp: 1428411

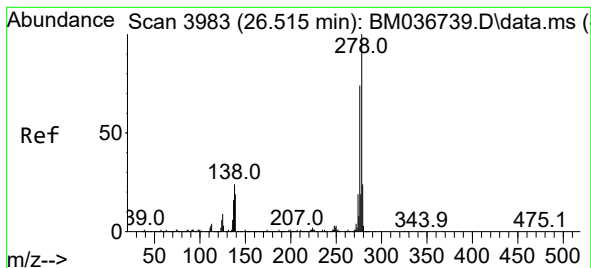
Ion Ratio Lower Upper

276 100

138 28.0 20.2 30.4

277 24.4 19.7 29.5





#95

Dibenzo(a,h)anthracene

Concen: 18.266 ng/ul

RT: 26.515 min Scan# 3983

Delta R.T. 0.000 min

Lab File: BM036739.D

Acq: 26 Sep 2022 11:13

Instrument :

BNA_M

ClientSampleId :

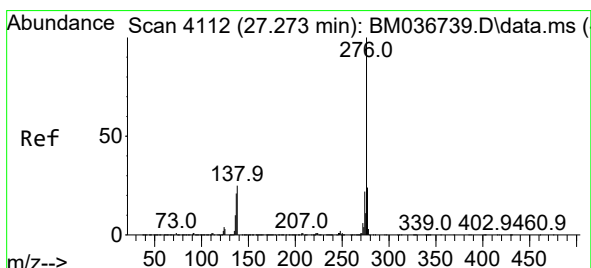
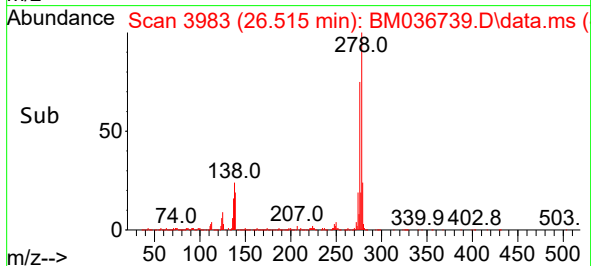
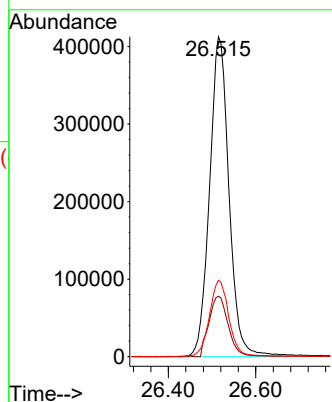
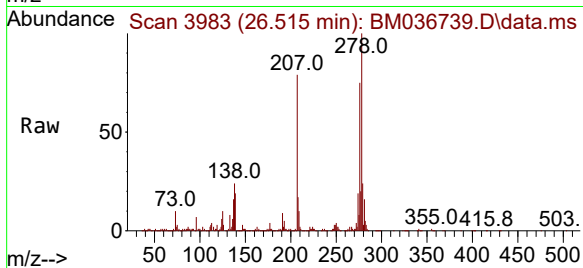
Tgt Ion:278 Resp: 1272914

Ion Ratio Lower Upper

278 100

139 18.9 14.5 21.7

279 23.9 19.7 29.5



#96

Benzo(g,h,i)perylene

Concen: 18.463 ng/ul

RT: 27.273 min Scan# 4112

Delta R.T. 0.000 min

Lab File: BM036739.D

Acq: 26 Sep 2022 11:13

Tgt Ion:276 Resp: 1229877

Ion Ratio Lower Upper

276 100

138 25.5 18.7 28.1

277 23.8 19.2 28.8

