

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092622\
 Data File : BM036749.D
 Acq On : 26 Sep 2022 17:27
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Sep 26 23:14:34 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	362144	20.000	ng/u1	0.00
20) Naphthalene-d8	10.816	136	1587860	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.627	164	951803	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.368	188	1826254	20.000	ng/u1	0.00
79) Chrysene-d12	21.533	240	1451571	20.000	ng/u1	0.00
88) Perylene-d12	23.968	264	1185114	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.387	96	68800	7.122	ng/uL	0.00
4) Pyridine-d5	3.816	84	518371	18.399	ng/u1	0.00
7) Phenol-d5	7.163	99	623170	19.256	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.334	67	387731	19.728	ng/u1	0.00
11) 2-Chlorophenol-d4	7.534	132	475008	20.387	ng/u1	0.00
15) 4-Methylphenol-d8	8.716	113	487387	20.382	ng/u1	0.00
21) Nitrobenzene-d5	9.169	128	239143	22.251	ng/u1	0.00
24) 2-Nitrophenol-d4	9.892	143	225461	23.420	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.433	165	460354	20.635	ng/u1	0.00
31) 4-Chloroaniline-d4	10.951	131	696738	18.784	ng/u1	0.00
46) Dimethylphthalate-d6	14.045	166	1251442	19.495	ng/u1	0.00
49) Acenaphthylene-d8	14.327	160	1497806	19.671	ng/u1	0.00
54) 4-Nitrophenol-d4	14.821	143	211972	17.025	ng/u1	0.00
60) Fluorene-d10	15.615	176	1120350	19.475	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.733	200	137934	19.090	ng/u1	0.00
73) Anthracene-d10	17.468	188	1635918	19.592	ng/u1	0.00
81) Pyrene-d10	19.750	212	1691092	23.681	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.809	264	1146920	19.809	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.422	88	75013	7.208	ng/uL	97
5) Pyridine	3.834	79	517119	18.269	ng/u1	96
6) Benzaldehyde	7.139	77	350946	22.394	ng/u1	98
8) Phenol	7.187	94	672884	19.372	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.428	93	530088	19.615	ng/u1	99
12) 2-Chlorophenol	7.563	128	521218	20.680	ng/u1	98
13) 2-Methylphenol	8.445	108	502504	19.682	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.539	45	644098	20.109	ng/u1	98
16) Acetophenone	8.833	105	828112	19.965	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.822	70	415152	20.743	ng/u1	96
18) 4-Methylphenol	8.775	108	553885	20.063	ng/u1	98
19) Hexachloroethane	9.092	117	203672	19.951	ng/u1	96
22) Nitrobenzene	9.216	77	614954	21.551	ng/u1	98
23) Isophorone	9.745	82	1119197	19.236	ng/u1	100
25) 2-Nitrophenol	9.928	139	265736	22.349	ng/u1	99
26) 2,4-Dimethylphenol	9.986	107	594475	20.271	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.227	93	705308	20.338	ng/u1	99
29) 2,4-Dichlorophenol	10.463	162	477955	20.378	ng/u1	99
30) Naphthalene	10.869	128	1731750	20.020	ng/u1	100
32) 4-Chloroaniline	10.975	127	719488	18.788	ng/u1	99
33) Hexachlorobutadiene	11.151	225	273078	19.037	ng/u1	99
34) Caprolactam	11.763	113	136967	18.003	ng/u1	99
35) 4-Chloro-3-methylphenol	12.092	107	518096	20.011	ng/u1	99
36) 2-Methylnaphthalene	12.469	142	1139005	19.763	ng/u1	100

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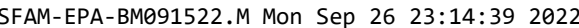
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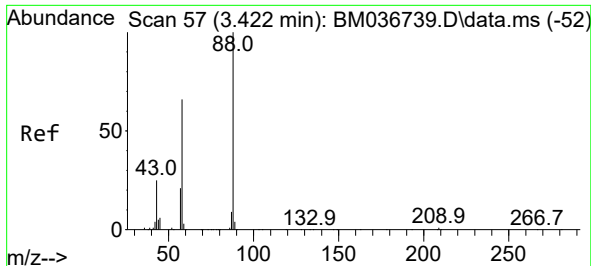
Quant Time: Sep 26 23:14:34 2022
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 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Sep 26 23:10:22 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.686	142	1138639	19.653	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.833	216	542833	20.150	ng/ul	99
40) Hexachlorocyclopentadiene	12.810	237	238495	16.987	ng/ul	99
41) 2,4,6-Trichlorophenol	13.068	196	343003	20.794	ng/ul	96
42) 2,4,5-Trichlorophenol	13.139	196	373157	21.100	ng/ul	99
43) 1,1'-Biphenyl	13.468	154	1439151	20.512	ng/ul	99
44) 2-Chloronaphthalene	13.510	162	1117950	20.305	ng/ul	99
45) 2-Nitroaniline	13.716	65	316223	23.335	ng/ul	97
47) Dimethylphthalate	14.092	163	1323942	19.443	ng/ul	99
48) 2,6-Dinitrotoluene	14.210	165	244325	22.069	ng/ul	98
50) Acenaphthylene	14.351	152	1735781	19.939	ng/ul	100
51) 3-Nitroaniline	14.533	138	265147	19.969	ng/ul#	99
52) Acenaphthene	14.692	153	1229011	20.177	ng/ul	99
53) 2,4-Dinitrophenol	14.739	184	96039	19.550	ng/ul	98
55) 4-Nitrophenol	14.833	109	185838	17.460	ng/ul	99
56) Dibenzofuran	15.027	168	1633093	19.963	ng/ul	98
57) 2,4-Dinitrotoluene	14.986	165	351116	21.816	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.251	232	292114	19.732	ng/ul	99
59) Diethylphthalate	15.445	149	1323282	19.412	ng/ul	99
61) Fluorene	15.674	166	1383437	19.856	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.668	204	645773	19.381	ng/ul	99
63) 4-Nitroaniline	15.692	138	244286	18.936	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.745	198	152533	18.707	ng/ul	96
67) N-Nitrosodiphenylamine	15.880	169	1110297	20.642	ng/ul	100
68) 4-Bromophenyl-phenylether	16.556	248	323190	17.955	ng/ul	97
69) Hexachlorobenzene	16.668	284	399563	18.767	ng/ul	95
70) Atrazine	16.833	200	356112	18.762	ng/ul	99
71) Pentachlorophenol	17.015	266	215674	17.054	ng/ul	97
72) Phenanthrene	17.409	178	2026644	20.147	ng/ul	99
74) Anthracene	17.503	178	2048854	20.039	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.433	216	539185	21.586	ng/ul	99
76) Pentachlorobenzene	14.945	250	554206	20.514	ng/ul	99
77) Carbazole	17.768	167	1790220	18.911	ng/ul	100
78) Di-n-butylphthalate	18.333	149	2176298	20.283	ng/ul	99
80) Fluoranthene	19.415	202	2119178	24.217	ng/ul	99
82) Pyrene	19.780	202	2233497	24.112	ng/ul	99
83) Butylbenzylphthalate	20.674	149	849738	24.209	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.450	252	548067	19.323	ng/ul	98
85) Benzo(a)anthracene	21.521	228	1846044	20.298	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.450	149	1321644	25.777	ng/ul	99
87) Chrysene	21.574	228	1720113	19.925	ng/ul	100
89) Di-n-octyl phthalate	22.386	149	1944193	27.212	ng/ul	100
90) Benzo(b)fluoranthene	23.227	252	1583298	21.068	ng/ul	99
91) Benzo(k)fluoranthene	23.274	252	1538753	20.491	ng/ul	98
93) Benzo(a)pyrene	23.862	252	1328124	20.103	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.503	276	1403931	18.197	ng/ul	95
95) Dibenzo(a,h)anthracene	26.521	278	1257290	17.969	ng/ul	98
96) Benzo(g,h,i)perylene	27.279	276	1220847	18.253	ng/ul	98

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

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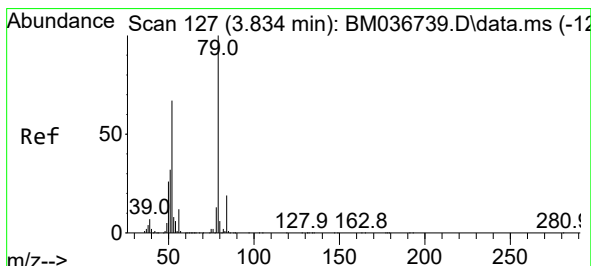
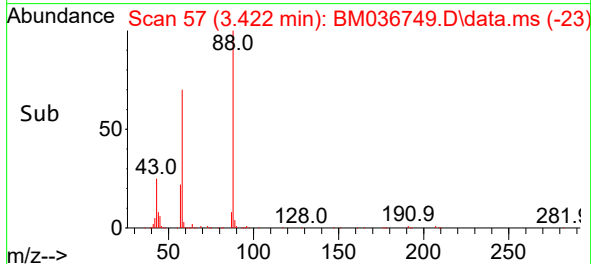
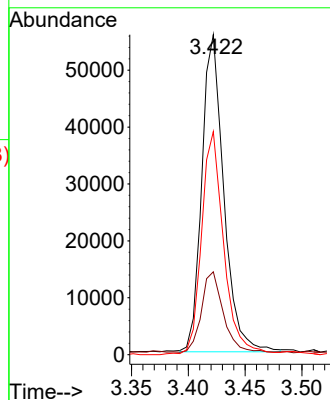
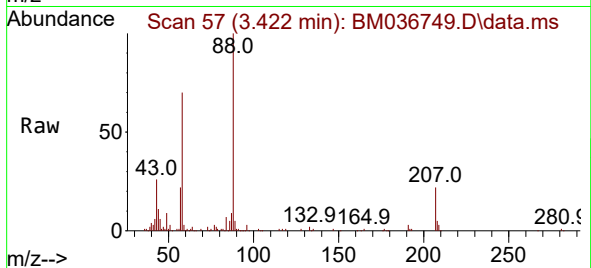




#2
1,4-Dioxane
Concen: 7.208 ng/uL
RT: 3.422 min Scan# 51
Delta R.T. 0.000 min
Lab File: BM036749.D
Acq: 26 Sep 2022 17:27

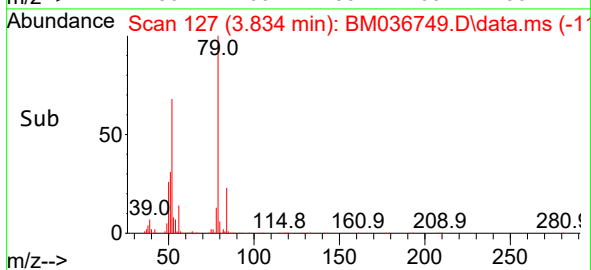
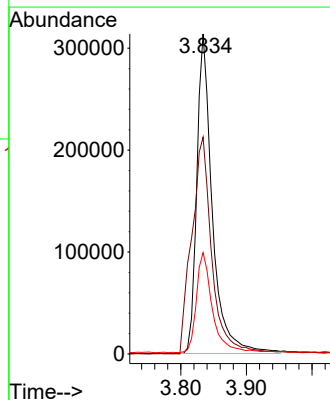
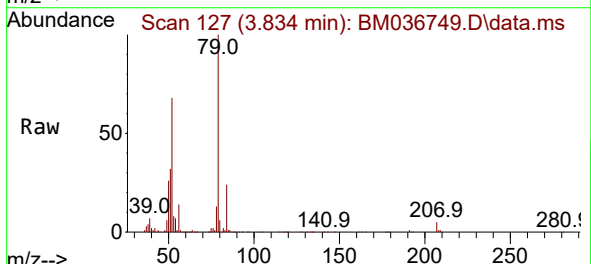
Instrument :
BNA_M
ClientSampleId :

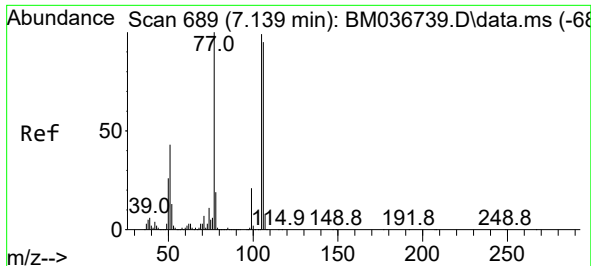
Tgt Ion: 88 Resp: 75013
Ion Ratio Lower Upper
88 100
43 25.9 23.1 34.7
58 69.7 56.6 85.0



#5
Pyridine
Concen: 18.269 ng/uL
RT: 3.834 min Scan# 127
Delta R.T. 0.000 min
Lab File: BM036749.D
Acq: 26 Sep 2022 17:27

Tgt Ion: 79 Resp: 517119
Ion Ratio Lower Upper
79 100
52 67.7 57.2 85.8
51 31.7 26.8 40.2

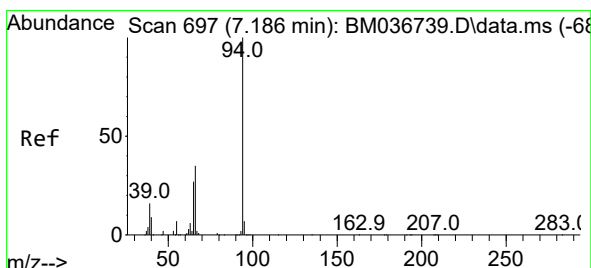
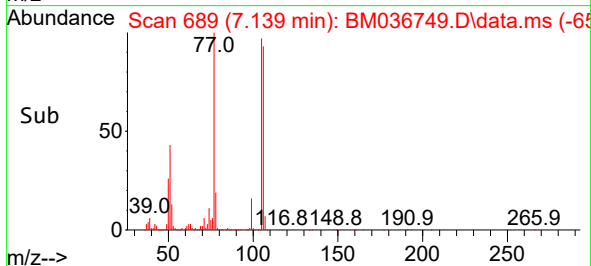
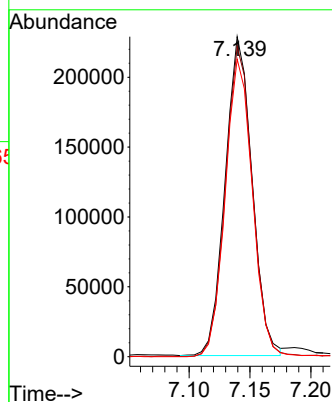
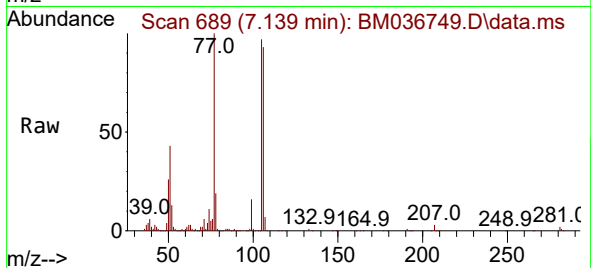




#6
Benzaldehyde
Concen: 22.394 ng/ul
RT: 7.139 min Scan# 689
Delta R.T. 0.000 min
Lab File: BM036749.D
Acq: 26 Sep 2022 17:27

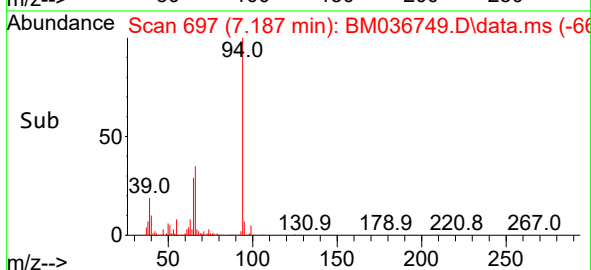
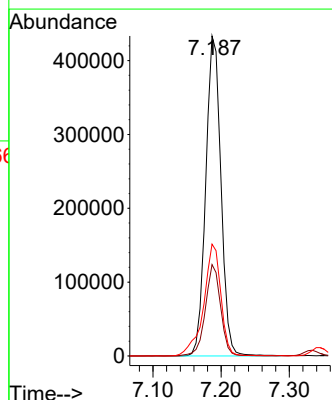
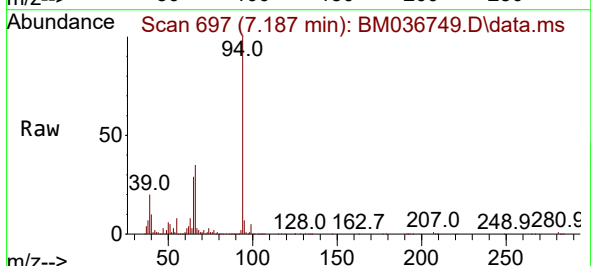
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ClientSampleId :

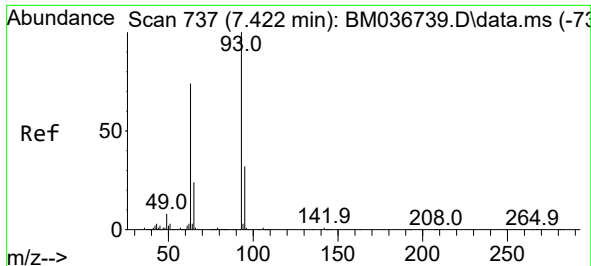
Tgt Ion: 77 Resp: 350946
Ion Ratio Lower Upper
77 100
105 96.9 75.1 112.7
106 93.0 73.0 109.6



#8
Phenol
Concen: 19.372 ng/ul
RT: 7.187 min Scan# 697
Delta R.T. 0.000 min
Lab File: BM036749.D
Acq: 26 Sep 2022 17:27

Tgt Ion: 94 Resp: 672884
Ion Ratio Lower Upper
94 100
65 28.5 22.2 33.4
66 34.9 28.9 43.3

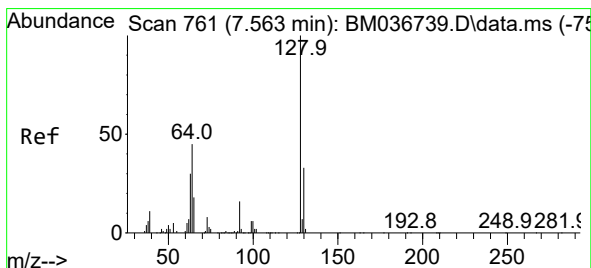
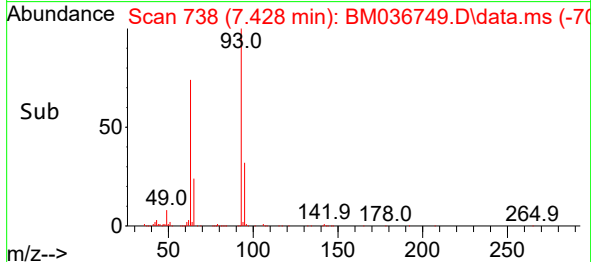
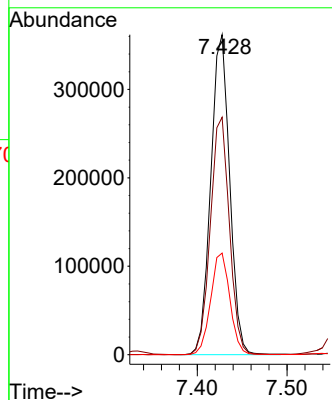
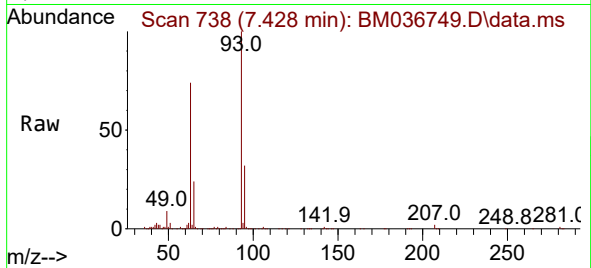




#10
Bis(2-Chloroethyl)ether
Concen: 19.615 ng/ul
RT: 7.428 min Scan# 710
Delta R.T. 0.006 min
Lab File: BM036749.D
Acq: 26 Sep 2022 17:27

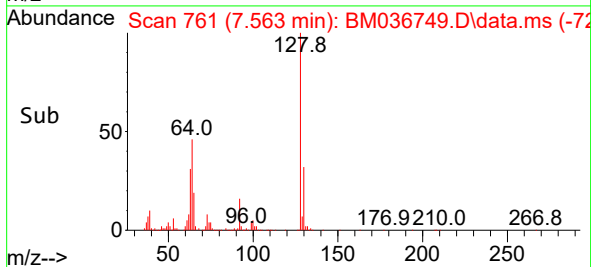
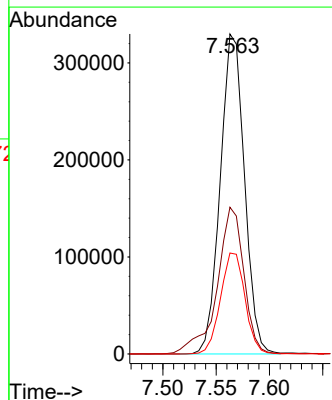
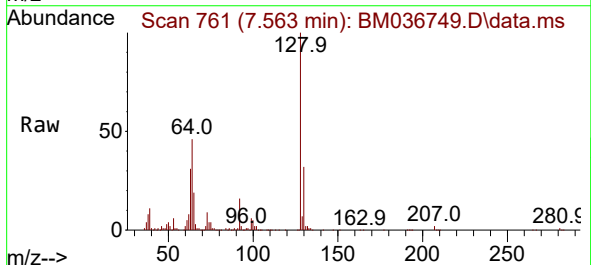
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ClientSampleId :

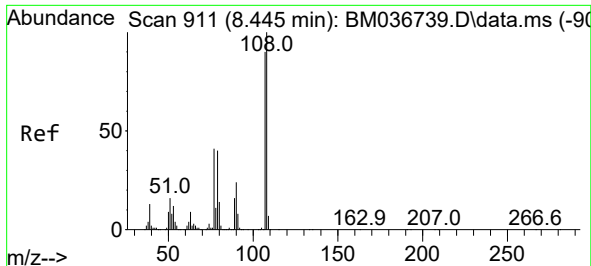
Tgt Ion: 93 Resp: 530088
Ion Ratio Lower Upper
93 100
63 74.2 59.1 88.7
95 31.7 26.1 39.1



#12
2-Chlorophenol
Concen: 20.680 ng/ul
RT: 7.563 min Scan# 761
Delta R.T. 0.000 min
Lab File: BM036749.D
Acq: 26 Sep 2022 17:27

Tgt Ion: 128 Resp: 521218
Ion Ratio Lower Upper
128 100
64 45.8 37.8 56.8
130 31.6 26.0 39.0





#13

2-Methylphenol

Concen: 19.682 ng/ul

RT: 8.445 min Scan# 911

Delta R.T. 0.000 min

Lab File: BM036749.D

Acq: 26 Sep 2022 17:27

Instrument :

BNA_M

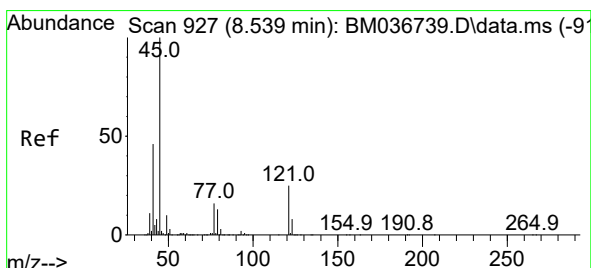
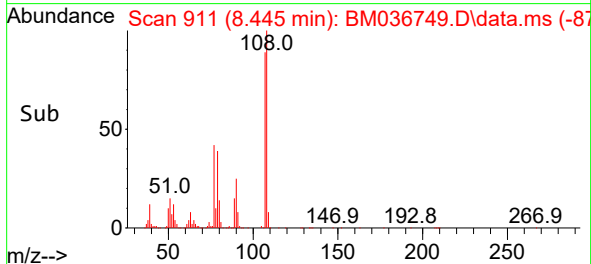
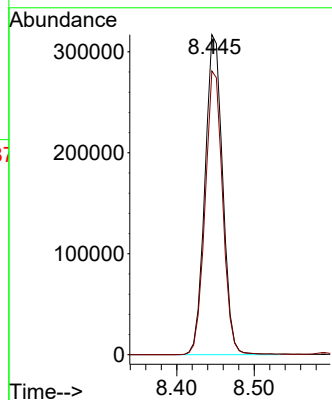
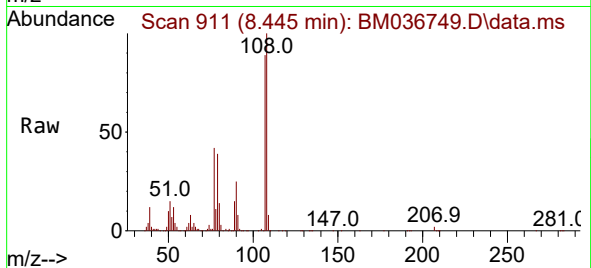
ClientSampleId :

Tgt Ion:108 Resp: 502504

Ion Ratio Lower Upper

108 100

107 88.7 70.7 106.1



#14

2,2'-oxybis(1-Chloropropane)

Concen: 20.109 ng/ul

RT: 8.539 min Scan# 927

Delta R.T. 0.000 min

Lab File: BM036749.D

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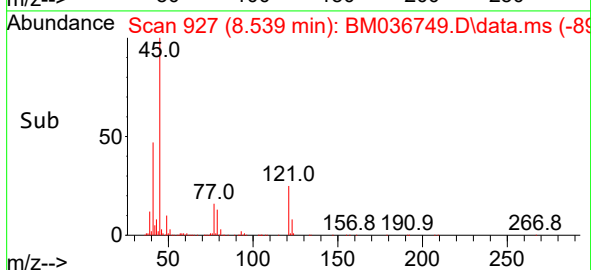
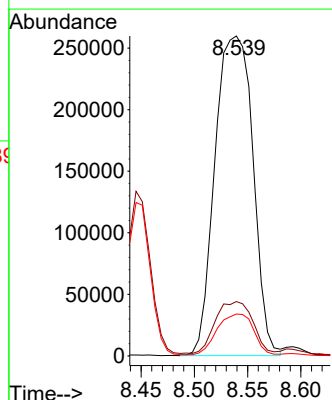
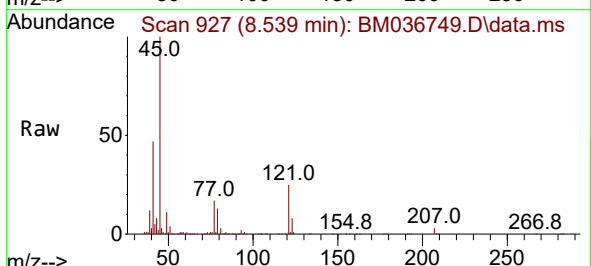
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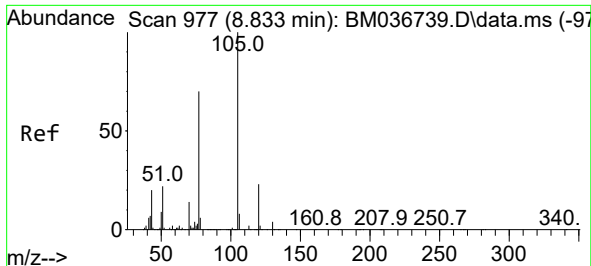
Ion Ratio Lower Upper

45 100

77 17.0 13.1 19.7

79 13.1 9.5 14.3

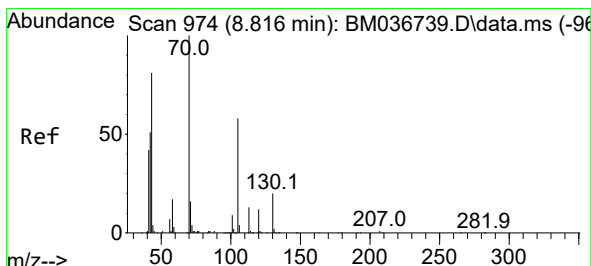
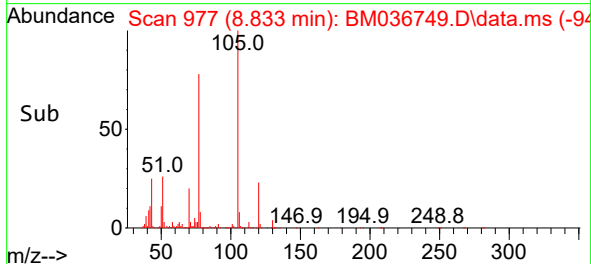
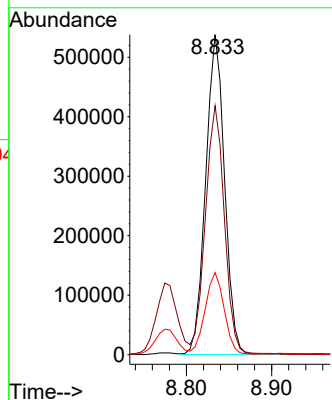
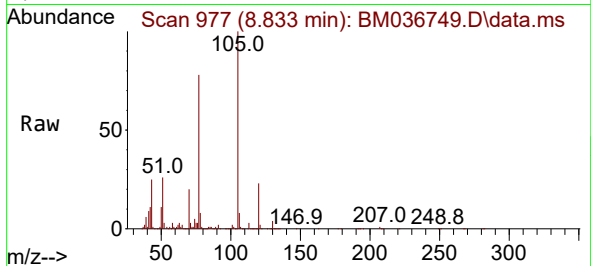




#16
Acetophenone
Concen: 19.965 ng/ul
RT: 8.833 min Scan# 91
Delta R.T. 0.000 min
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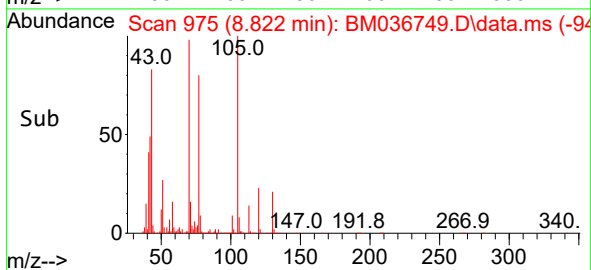
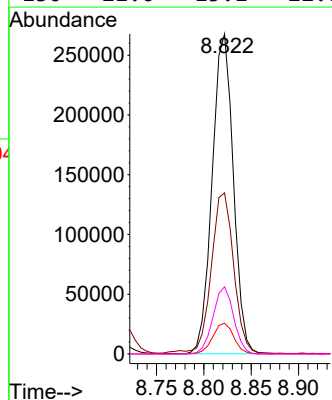
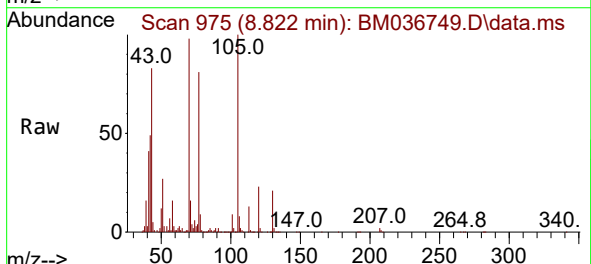
Instrument :
BNA_M
ClientSampleId :

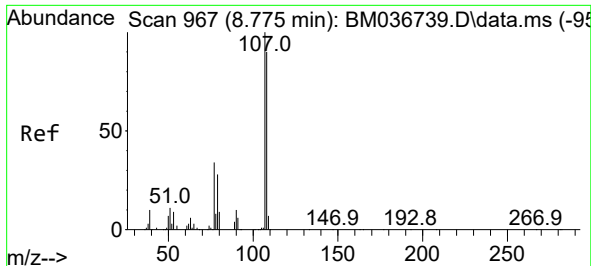
Tgt Ion:105 Resp: 828112
Ion Ratio Lower Upper
105 100
77 77.8 61.6 92.4
51 25.7 20.5 30.7



#17
N-Nitroso-di-n-propylamine
Concen: 20.743 ng/ul
RT: 8.822 min Scan# 975
Delta R.T. 0.006 min
Lab File: BM036749.D
Acq: 26 Sep 2022 17:27

Tgt Ion: 70 Resp: 415152
Ion Ratio Lower Upper
70 100
42 50.4 43.0 64.4
101 9.6 7.7 11.5
130 21.0 15.1 22.7

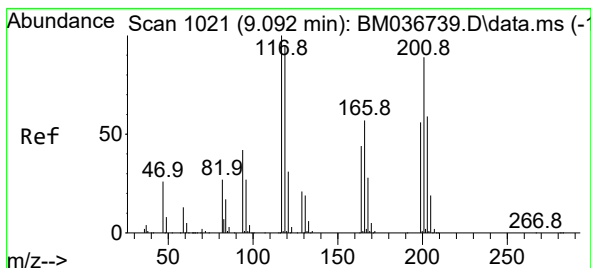
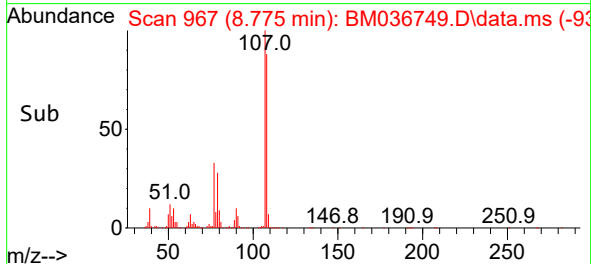
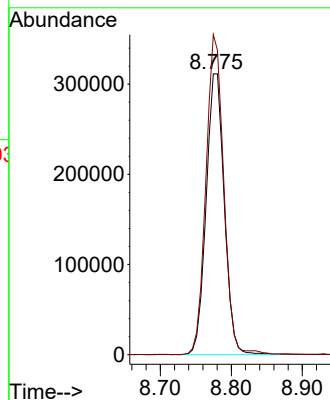
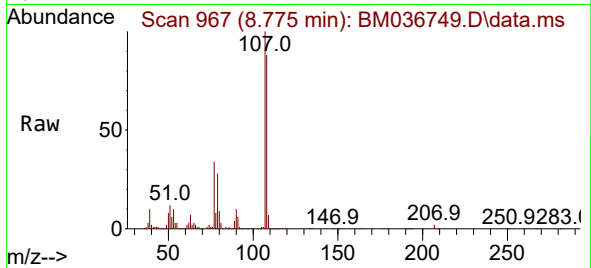




#18
4-Methylphenol
Concen: 20.063 ng/ul
RT: 8.775 min Scan# 967
Delta R.T. 0.000 min
Lab File: BM036749.D
Acq: 26 Sep 2022 17:27

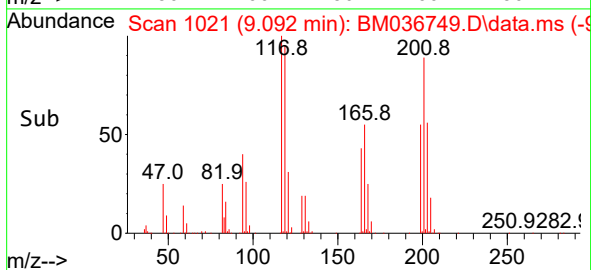
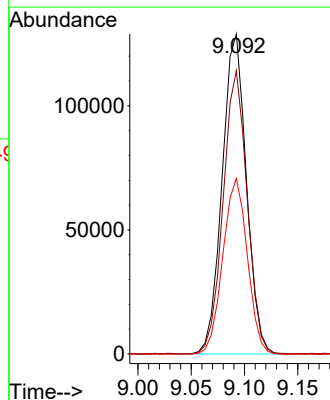
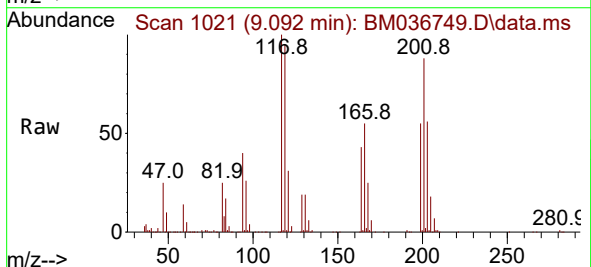
Instrument :
BNA_M
ClientSampleId :

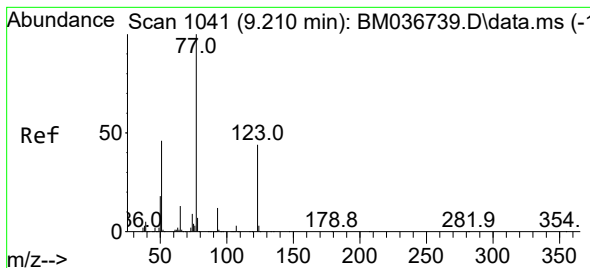
Tgt Ion:108 Resp: 553885
Ion Ratio Lower Upper
108 100
107 114.0 89.4 134.0



#19
Hexachloroethane
Concen: 19.951 ng/ul
RT: 9.092 min Scan# 1021
Delta R.T. 0.000 min
Lab File: BM036749.D
Acq: 26 Sep 2022 17:27

Tgt Ion:117 Resp: 203672
Ion Ratio Lower Upper
117 100
201 90.6 68.7 103.1
199 54.9 43.0 64.6

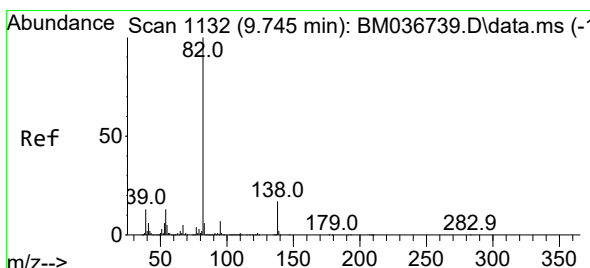
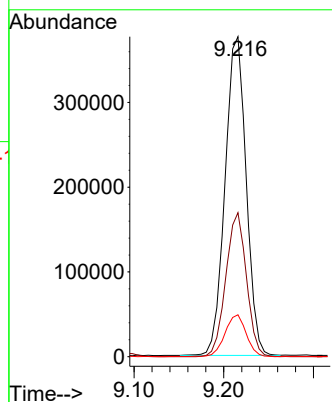
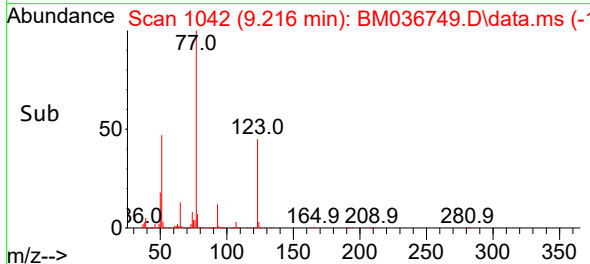
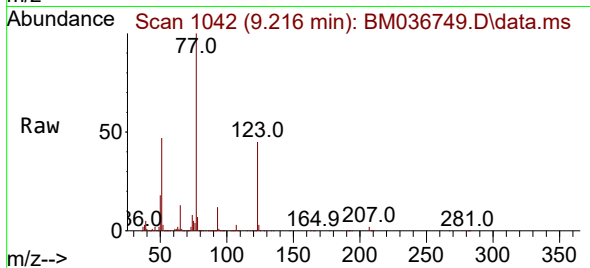




#22
Nitrobenzene
Concen: 21.551 ng/ul
RT: 9.216 min Scan# 1042
Delta R.T. 0.006 min
Lab File: BM036749.D
Acq: 26 Sep 2022 17:27

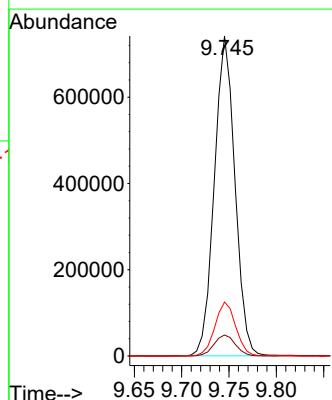
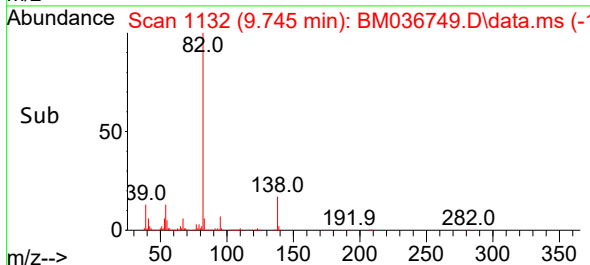
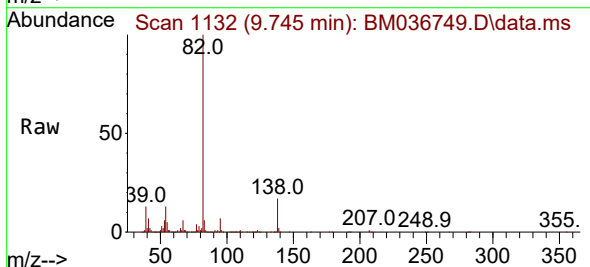
Instrument :
BNA_M
ClientSampleId :

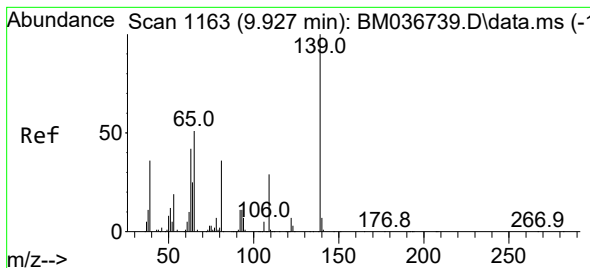
Tgt Ion: 77 Resp: 614954
Ion Ratio Lower Upper
77 100
123 45.0 34.9 52.3
65 13.1 10.7 16.1



#23
Isophorone
Concen: 19.236 ng/ul
RT: 9.745 min Scan# 1132
Delta R.T. 0.000 min
Lab File: BM036749.D
Acq: 26 Sep 2022 17:27

Tgt Ion: 82 Resp: 1119197
Ion Ratio Lower Upper
82 100
95 6.6 5.4 8.2
138 16.9 13.5 20.3

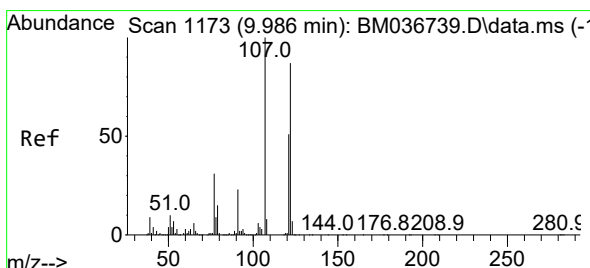
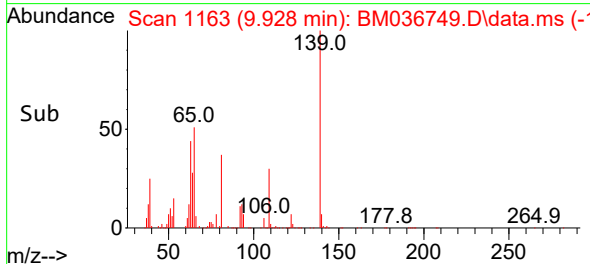
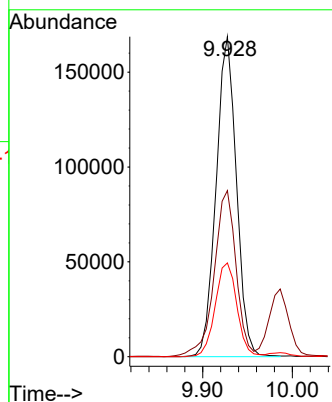
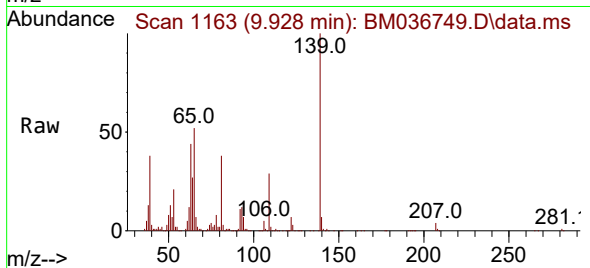




#25
2-Nitrophenol
Concen: 22.349 ng/ul
RT: 9.928 min Scan# 1163
Delta R.T. 0.000 min
Lab File: BM036749.D
Acq: 26 Sep 2022 17:27

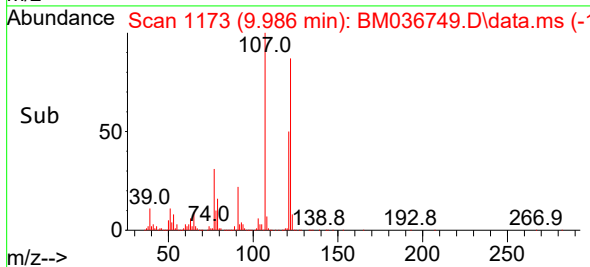
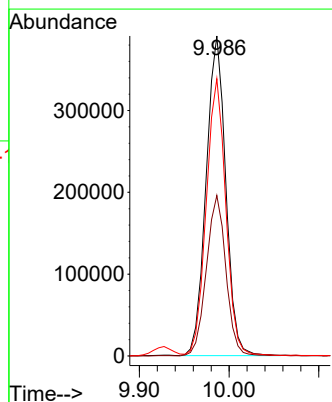
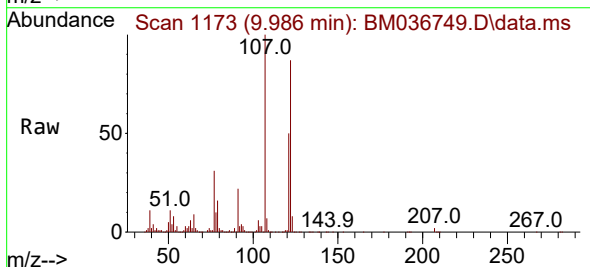
Instrument :
BNA_M
ClientSampleId :

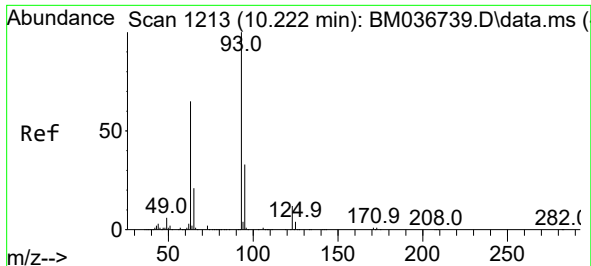
Tgt Ion:139 Resp: 265736
Ion Ratio Lower Upper
139 100
65 51.9 40.9 61.3
109 29.3 23.9 35.9



#26
2,4-Dimethylphenol
Concen: 20.271 ng/ul
RT: 9.986 min Scan# 1173
Delta R.T. 0.000 min
Lab File: BM036749.D
Acq: 26 Sep 2022 17:27

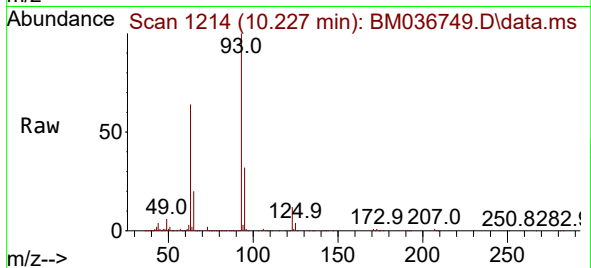
Tgt Ion:107 Resp: 594475
Ion Ratio Lower Upper
107 100
121 50.1 39.4 59.2
122 86.6 69.1 103.7



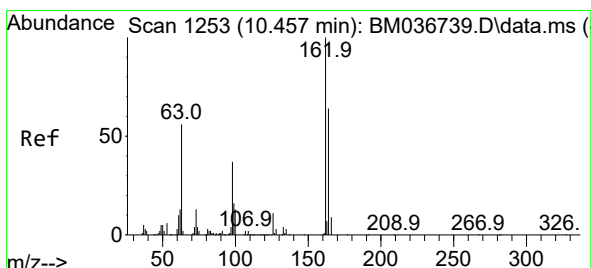
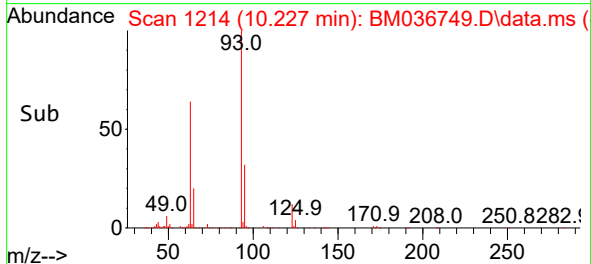
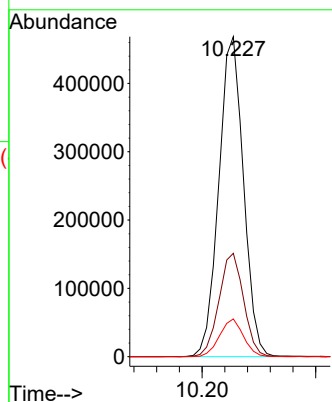


#27
 Bis(2-Chloroethoxy)methane
 Concen: 20.338 ng/ul
 RT: 10.227 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BM036749.D
 Acq: 26 Sep 2022 17:27

Instrument :
 BNA_M
 ClientSampleId :

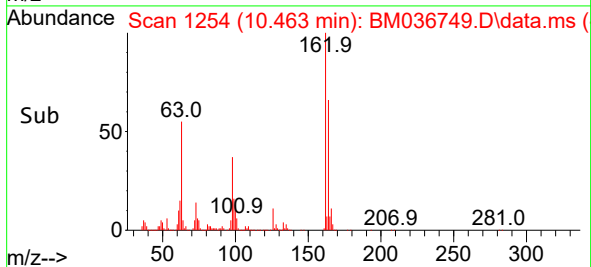
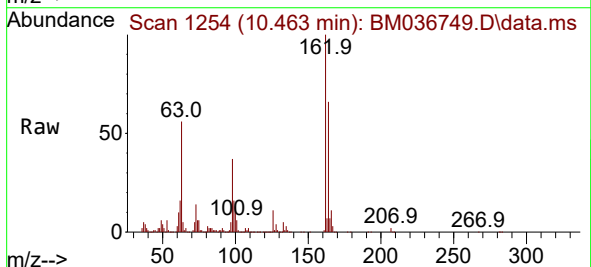
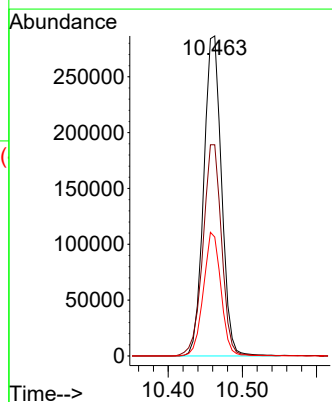


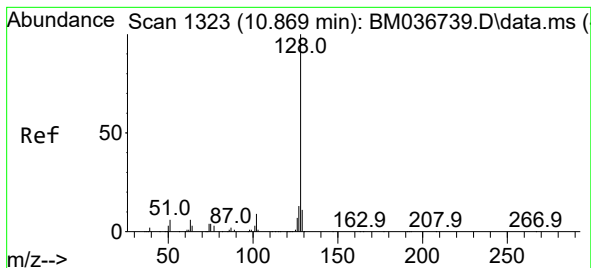
Tgt Ion: 93 Resp: 705308
 Ion Ratio Lower Upper
 93 100
 95 32.3 26.2 39.4
 123 11.8 9.2 13.8



#29
 2,4-Dichlorophenol
 Concen: 20.378 ng/ul
 RT: 10.463 min Scan# 1254
 Delta R.T. 0.006 min
 Lab File: BM036749.D
 Acq: 26 Sep 2022 17:27

Tgt Ion: 162 Resp: 477955
 Ion Ratio Lower Upper
 162 100
 164 66.0 52.1 78.1
 98 37.2 29.1 43.7

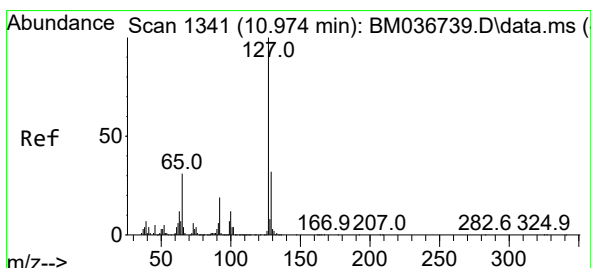
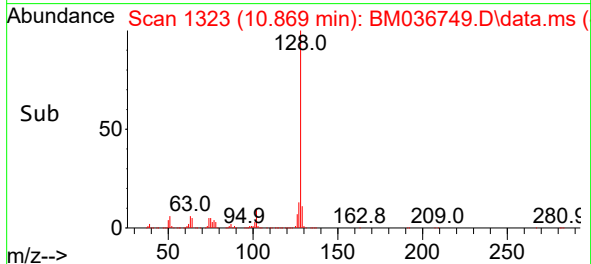
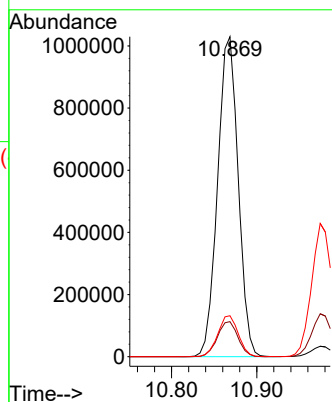
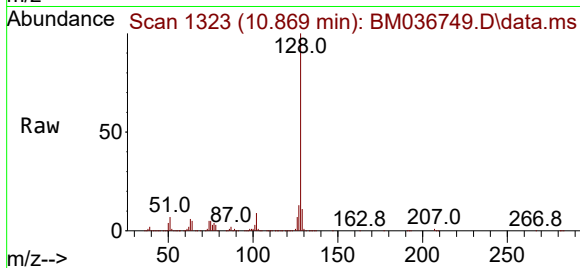




#30
Naphthalene
Concen: 20.020 ng/ul
RT: 10.869 min Scan# 1323
Delta R.T. 0.000 min
Lab File: BM036749.D
Acq: 26 Sep 2022 17:27

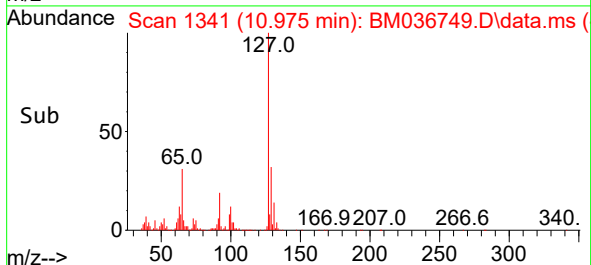
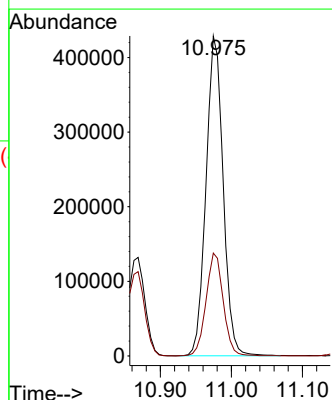
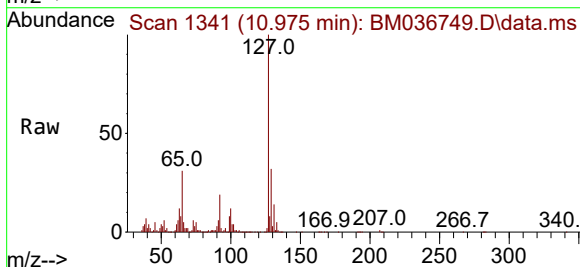
Instrument :
BNA_M
ClientSampleId :

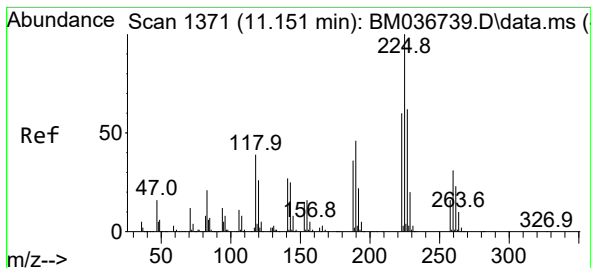
Tgt Ion:128 Resp: 1731750
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 12.8 10.3 15.5



#32
4-Chloroaniline
Concen: 18.788 ng/ul
RT: 10.975 min Scan# 1341
Delta R.T. 0.000 min
Lab File: BM036749.D
Acq: 26 Sep 2022 17:27

Tgt Ion:127 Resp: 719488
Ion Ratio Lower Upper
127 100
129 32.2 25.4 38.2





#33

Hexachlorobutadiene

Concen: 19.037 ng/ul

RT: 11.151 min Scan# 1

Delta R.T. 0.000 min

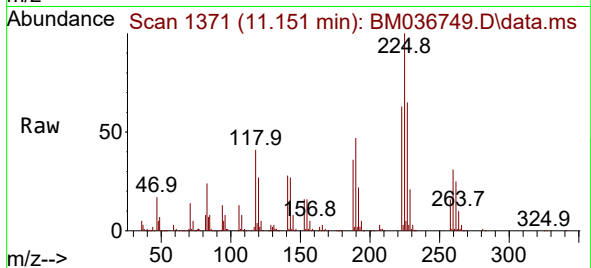
Lab File: BM036749.D

Acq: 26 Sep 2022 17:27

Instrument :

BNA_M

ClientSampleId :



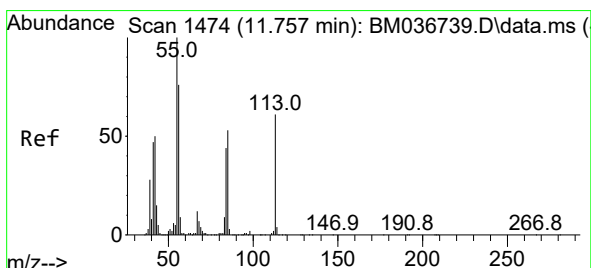
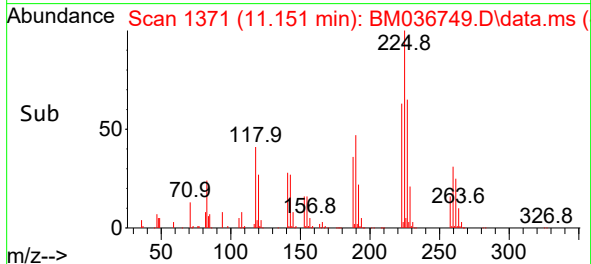
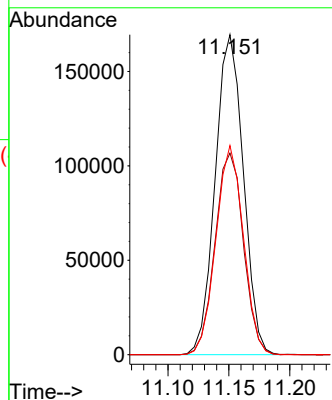
Tgt Ion:225 Resp: 273078

Ion Ratio Lower Upper

225 100

223 63.0 49.8 74.8

227 65.3 51.0 76.6



#34

Caprolactam

Concen: 18.003 ng/ul

RT: 11.763 min Scan# 1475

Delta R.T. 0.006 min

Lab File: BM036749.D

Acq: 26 Sep 2022 17:27

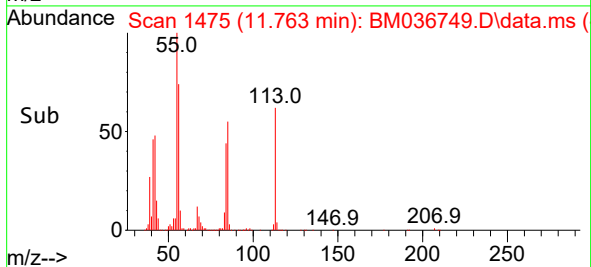
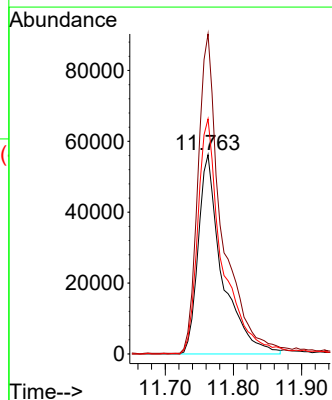
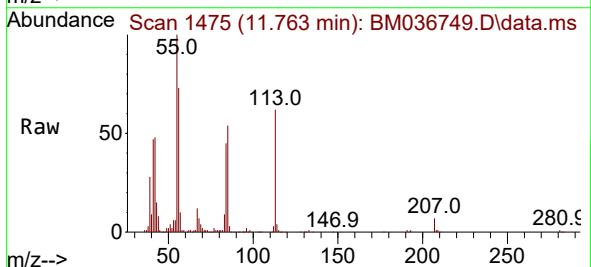
Tgt Ion:113 Resp: 136967

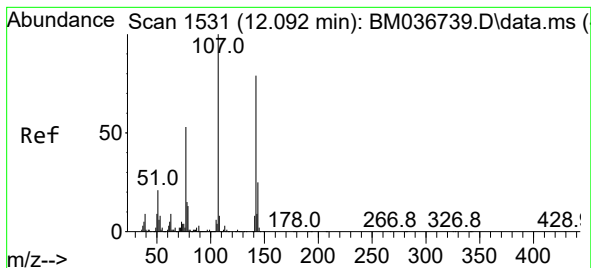
Ion Ratio Lower Upper

113 100

55 160.6 127.5 191.3

56 118.0 94.6 142.0

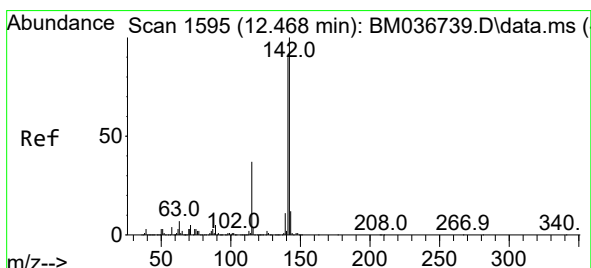
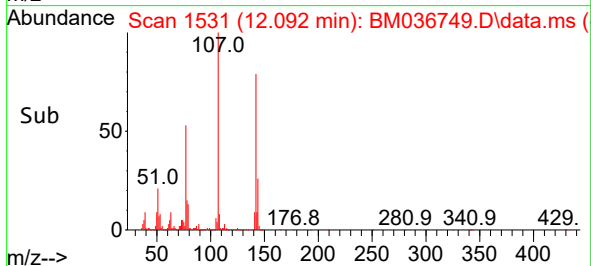
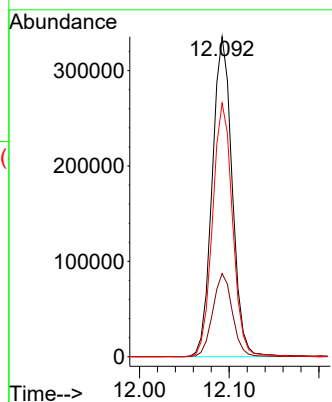
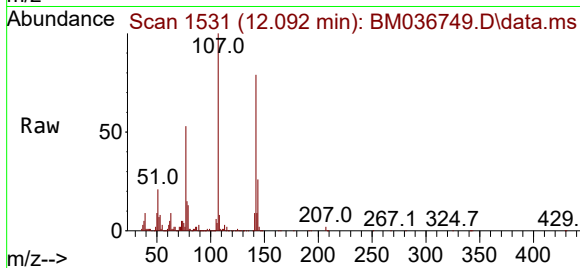




#35
4-Chloro-3-methylphenol
Concen: 20.011 ng/ul
RT: 12.092 min Scan# 1531
Delta R.T. 0.000 min
Lab File: BM036749.D
Acq: 26 Sep 2022 17:27

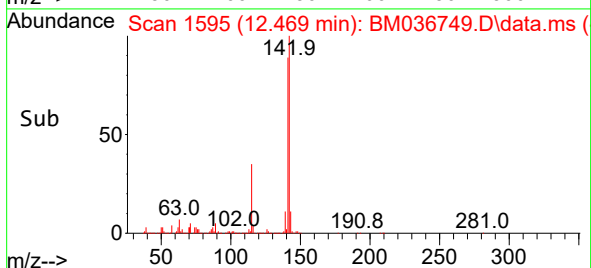
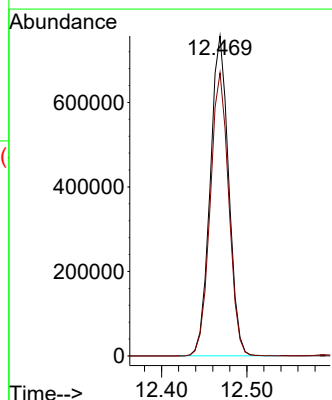
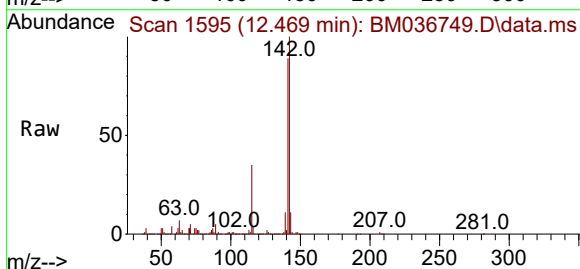
Instrument :
BNA_M
ClientSampleId :

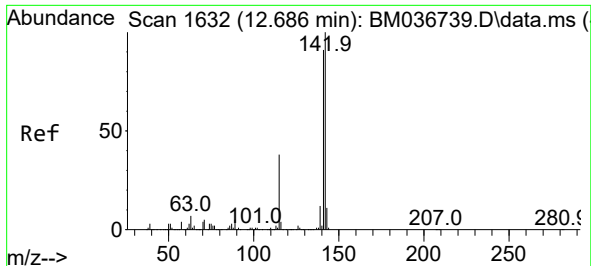
Tgt Ion:107 Resp: 518096
Ion Ratio Lower Upper
107 100
144 26.0 21.5 32.3
142 79.2 63.9 95.9



#36
2-Methylnaphthalene
Concen: 19.763 ng/ul
RT: 12.469 min Scan# 1595
Delta R.T. 0.000 min
Lab File: BM036749.D
Acq: 26 Sep 2022 17:27

Tgt Ion:142 Resp: 1139005
Ion Ratio Lower Upper
142 100
141 88.5 70.7 106.1





#37

1-Methylnaphthalene

Concen: 19.653 ng/ul

RT: 12.686 min Scan# 1

Delta R.T. 0.000 min

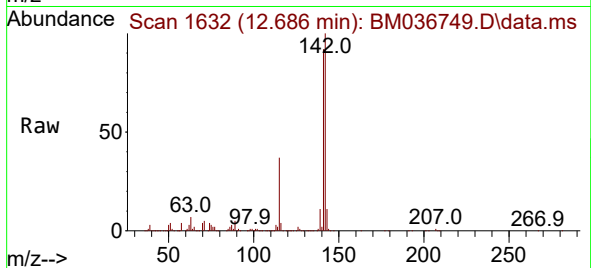
Lab File: BM036749.D

Acq: 26 Sep 2022 17:27

Instrument :

BNA_M

ClientSampleId :



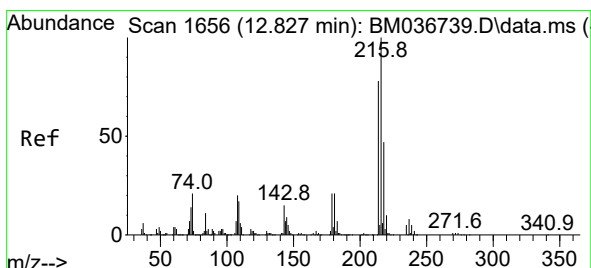
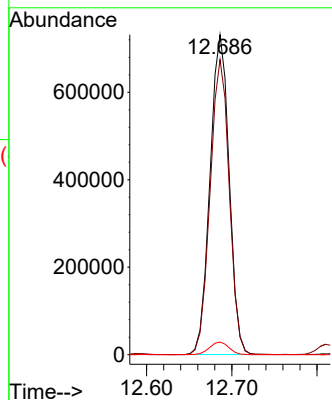
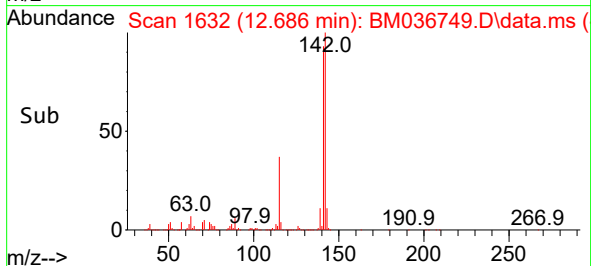
Tgt Ion:142 Resp: 1138639

Ion Ratio Lower Upper

142 100

141 92.2 73.4 110.2

116 4.0 3.1 4.7



#39

1,2,4,5-Tetrachlorobenzene

Concen: 20.150 ng/ul

RT: 12.833 min Scan# 1657

Delta R.T. 0.006 min

Lab File: BM036749.D

Acq: 26 Sep 2022 17:27

Tgt Ion:216 Resp: 542833

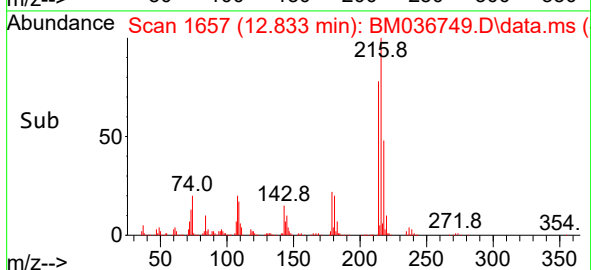
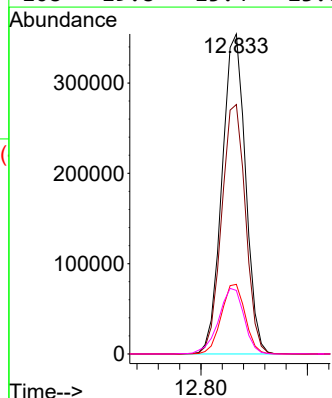
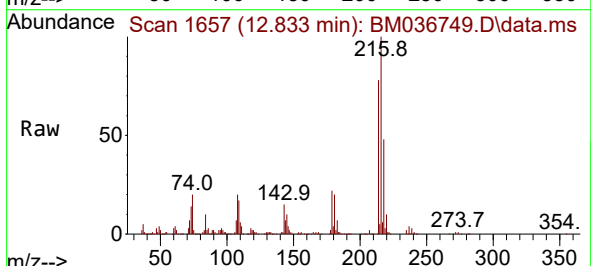
Ion Ratio Lower Upper

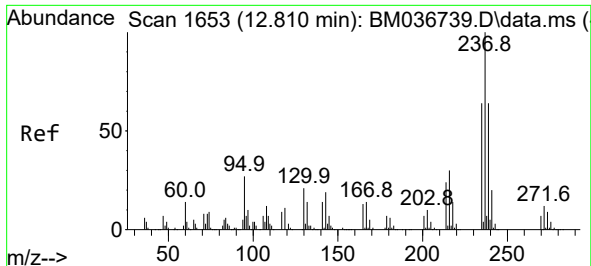
216 100

214 77.9 62.4 93.6

179 21.8 16.7 25.1

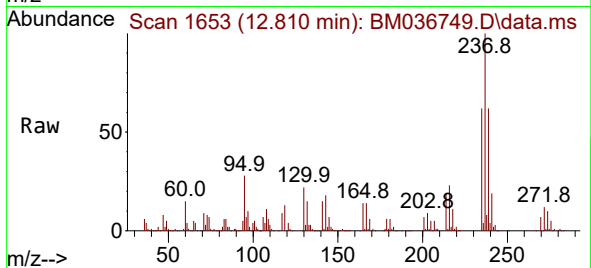
108 19.8 15.4 23.0



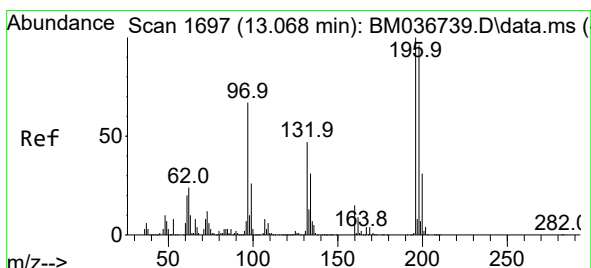
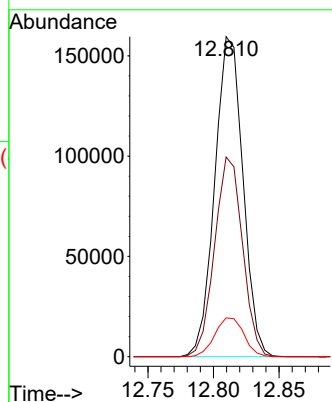
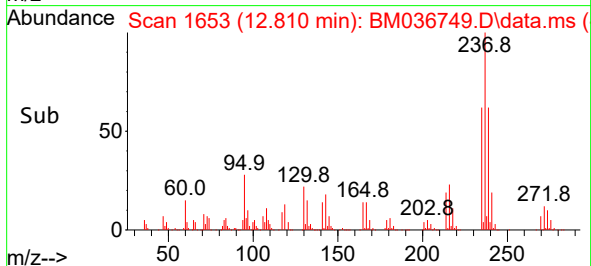


#40
Hexachlorocyclopentadiene
Concen: 16.987 ng/ul
RT: 12.810 min Scan# 1653
Delta R.T. 0.000 min
Lab File: BM036749.D
Acq: 26 Sep 2022 17:27

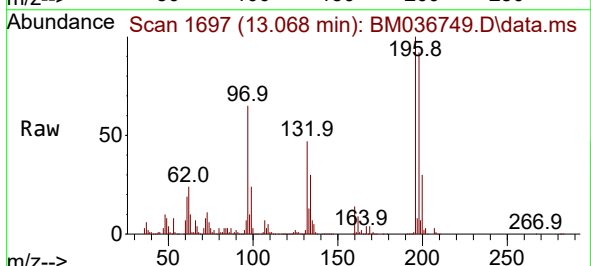
Instrument :
BNA_M
ClientSampleId :



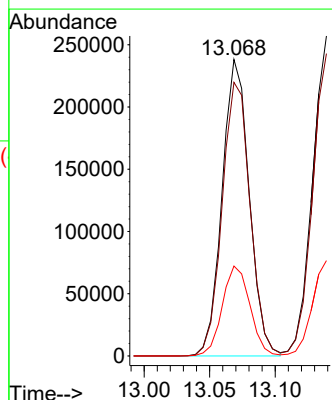
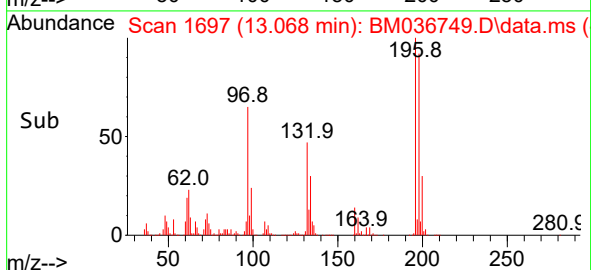
Tgt Ion:237 Resp: 238495
Ion Ratio Lower Upper
237 100
235 62.4 50.9 76.3
272 13.0 10.3 15.5

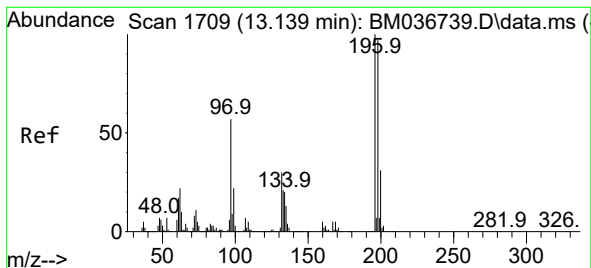


#41
2,4,6-Trichlorophenol
Concen: 20.794 ng/ul
RT: 13.068 min Scan# 1697
Delta R.T. 0.000 min
Lab File: BM036749.D
Acq: 26 Sep 2022 17:27



Tgt Ion:196 Resp: 343003
Ion Ratio Lower Upper
196 100
198 92.3 77.3 115.9
200 30.3 25.2 37.8





#42

2,4,5-Trichlorophenol

Concen: 21.100 ng/ul

RT: 13.139 min Scan# 1709

Delta R.T. 0.000 min

Lab File: BM036749.D

Acq: 26 Sep 2022 17:27

Instrument :

BNA_M

ClientSampleId :

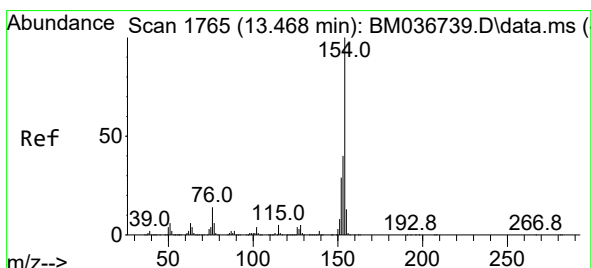
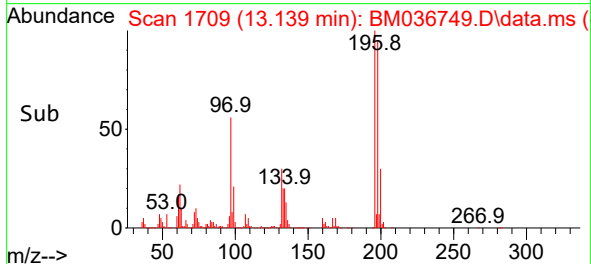
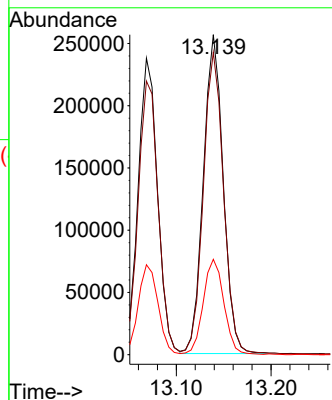
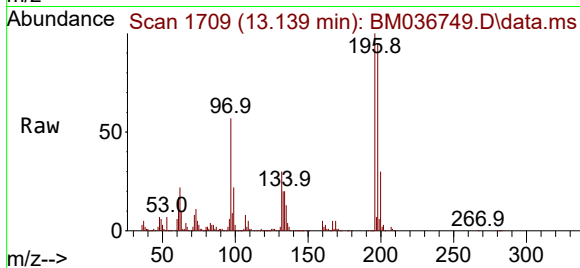
Tgt Ion:196 Resp: 373157

Ion Ratio Lower Upper

196 100

198 94.5 75.6 113.4

200 29.8 24.7 37.1



#43

1,1'-Biphenyl

Concen: 20.512 ng/ul

RT: 13.468 min Scan# 1765

Delta R.T. 0.000 min

Lab File: BM036749.D

Acq: 26 Sep 2022 17:27

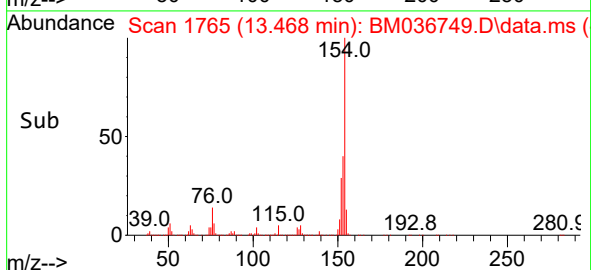
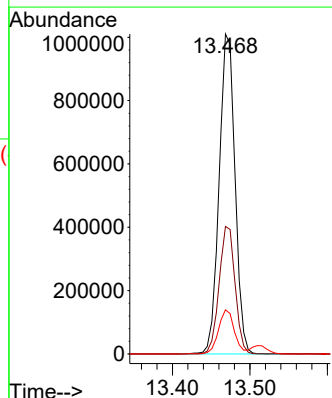
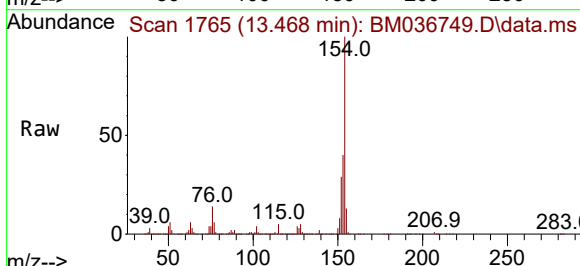
Tgt Ion:154 Resp: 1439151

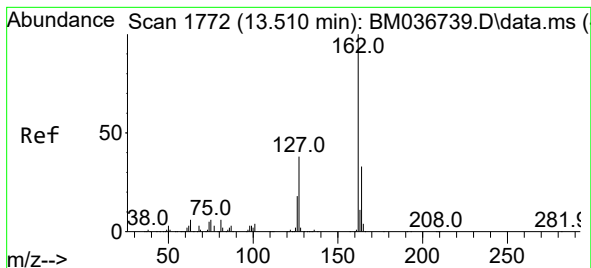
Ion Ratio Lower Upper

154 100

153 39.8 31.4 47.2

76 13.8 10.4 15.6





#44

2-Chloronaphthalene

Concen: 20.305 ng/ul

RT: 13.510 min Scan# 1

Delta R.T. 0.000 min

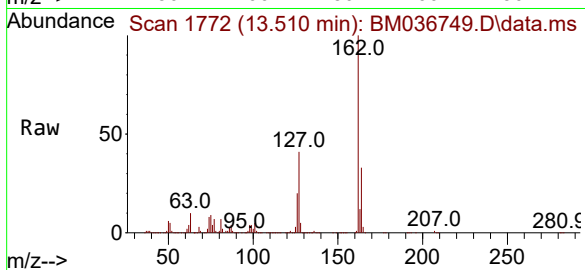
Lab File: BM036749.D

Acq: 26 Sep 2022 17:27

Instrument :

BNA_M

ClientSampleId :



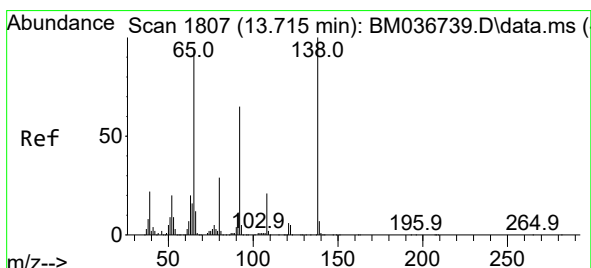
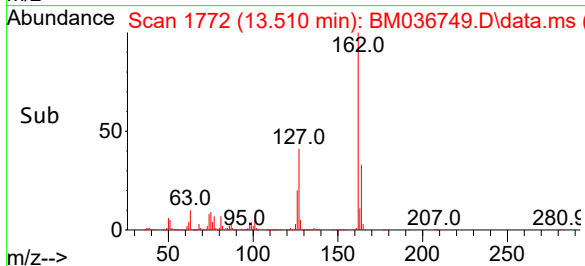
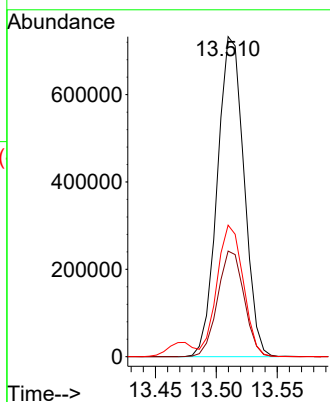
Tgt Ion:162 Resp: 1117950

Ion Ratio Lower Upper

162 100

164 33.0 26.2 39.2

127 41.1 32.6 49.0



#45

2-Nitroaniline

Concen: 23.335 ng/ul

RT: 13.716 min Scan# 1807

Delta R.T. 0.000 min

Lab File: BM036749.D

Acq: 26 Sep 2022 17:27

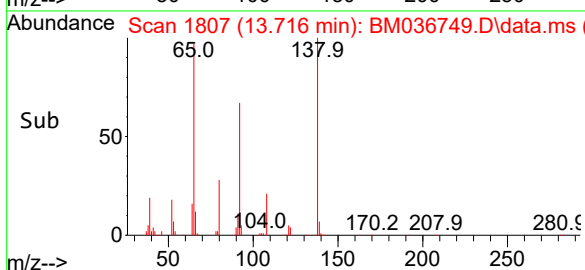
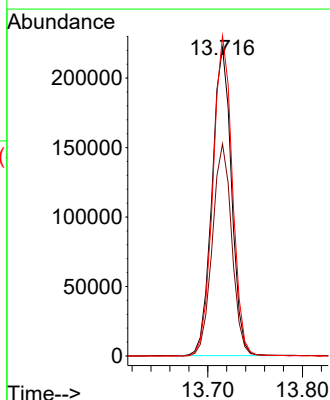
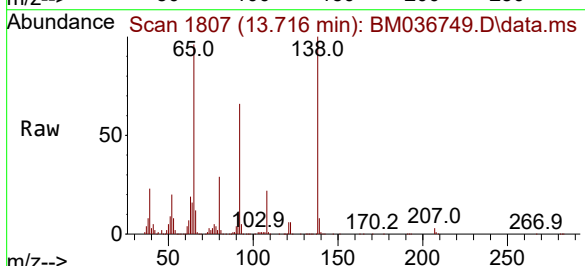
Tgt Ion: 65 Resp: 316223

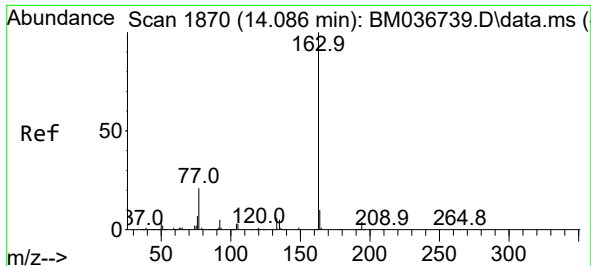
Ion Ratio Lower Upper

65 100

92 68.8 54.4 81.6

138 103.8 86.1 129.1





#47

Dimethylphthalate

Concen: 19.443 ng/ul

RT: 14.092 min Scan# 1870

Delta R.T. 0.006 min

Lab File: BM036749.D

Acq: 26 Sep 2022 17:27

Instrument :

BNA_M

ClientSampleId :

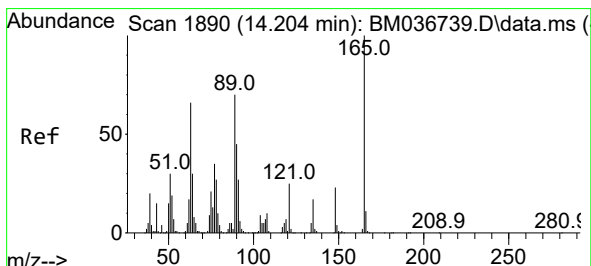
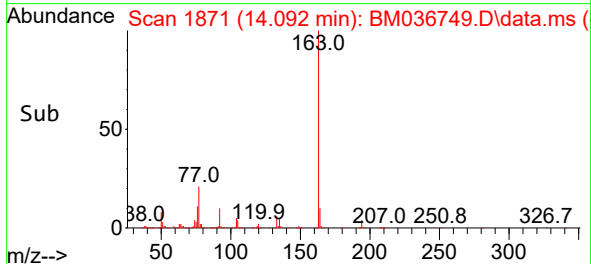
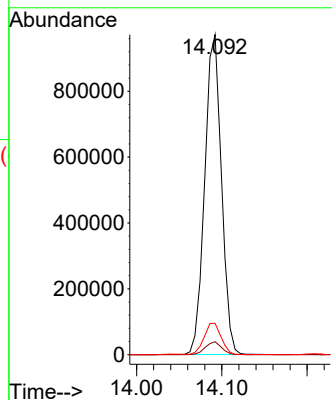
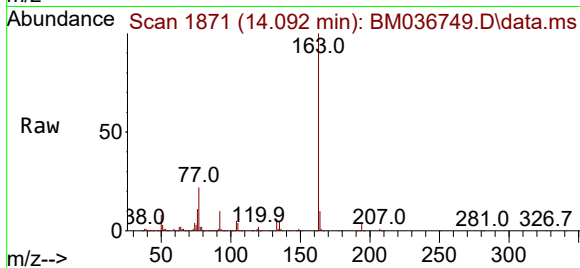
Tgt Ion:163 Resp: 1323942

Ion Ratio Lower Upper

163 100

194 4.0 3.0 4.6

164 9.8 8.3 12.5



#48

2,6-Dinitrotoluene

Concen: 22.069 ng/ul

RT: 14.210 min Scan# 1891

Delta R.T. 0.006 min

Lab File: BM036749.D

Acq: 26 Sep 2022 17:27

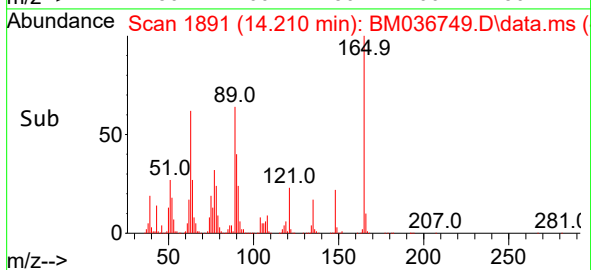
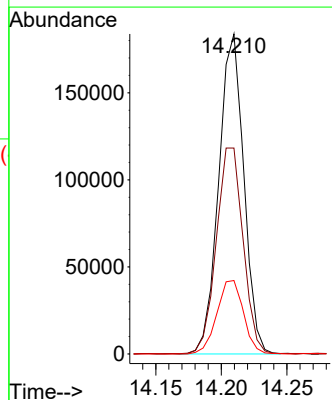
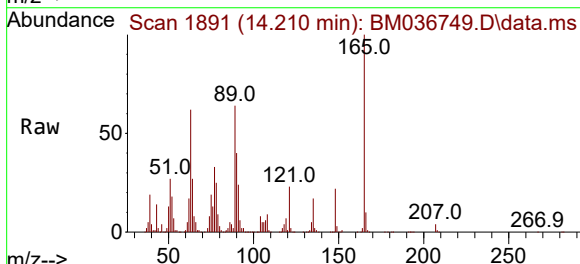
Tgt Ion:165 Resp: 244325

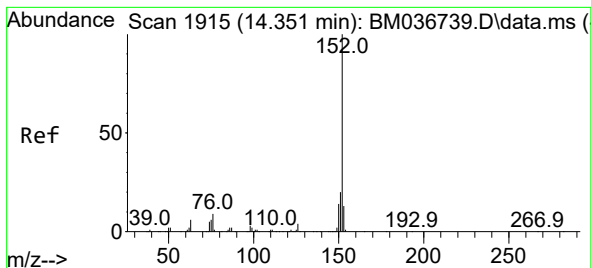
Ion Ratio Lower Upper

165 100

89 64.4 52.8 79.2

121 22.9 19.4 29.0





#50

Acenaphthylene

Concen: 19.939 ng/ul

RT: 14.351 min Scan# 1915

Delta R.T. 0.000 min

Lab File: BM036749.D

Acq: 26 Sep 2022 17:27

Instrument :

BNA_M

ClientSampleId :

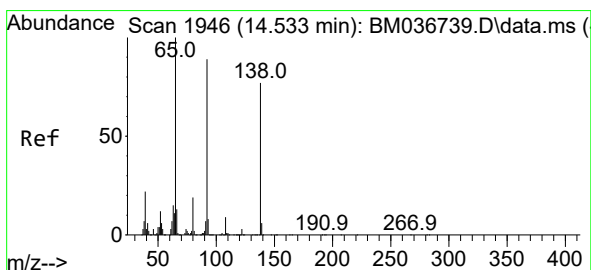
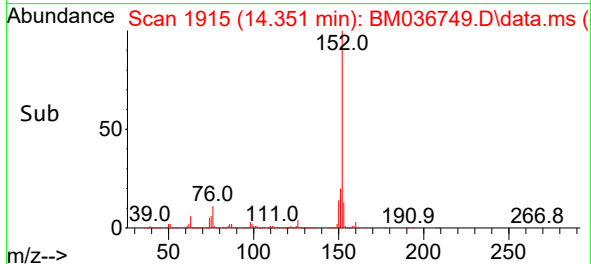
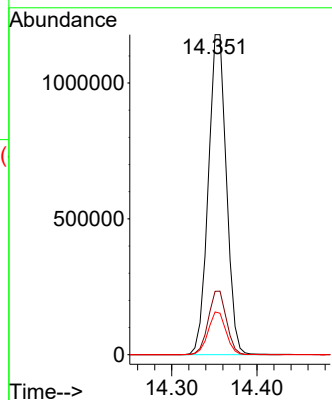
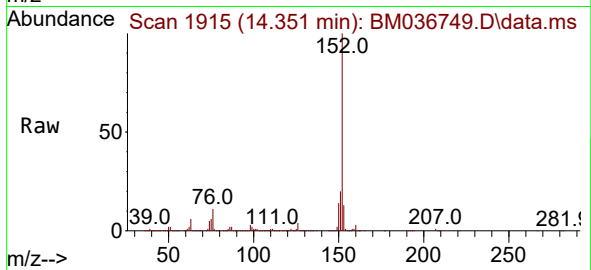
Tgt Ion:152 Resp: 1735781

Ion Ratio Lower Upper

152 100

151 19.8 15.7 23.5

153 13.3 10.5 15.7



#51

3-Nitroaniline

Concen: 19.969 ng/ul

RT: 14.533 min Scan# 1946

Delta R.T. 0.000 min

Lab File: BM036749.D

Acq: 26 Sep 2022 17:27

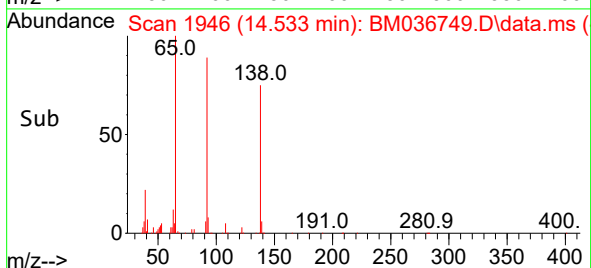
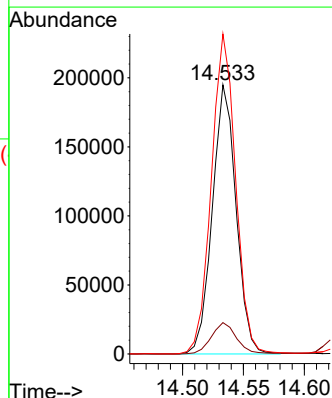
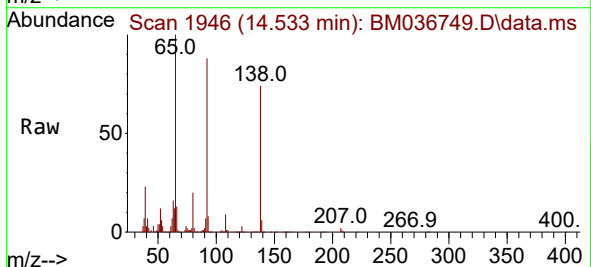
Tgt Ion:138 Resp: 265147

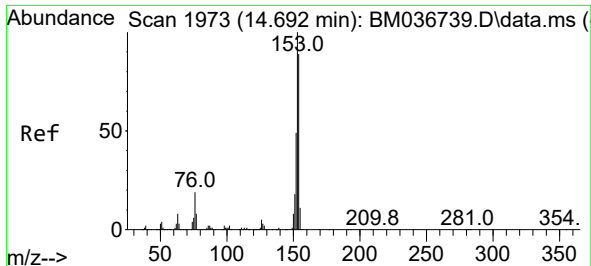
Ion Ratio Lower Upper

138 100

108 11.6 12.5 18.7#

92 118.9 95.4 143.2

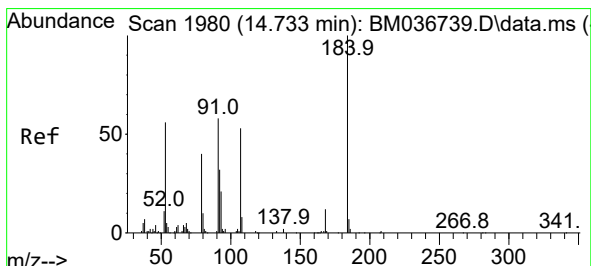
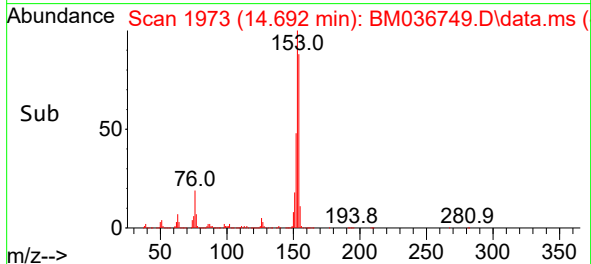
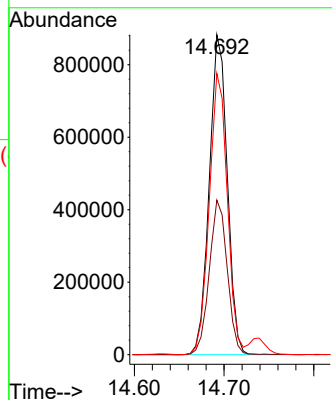
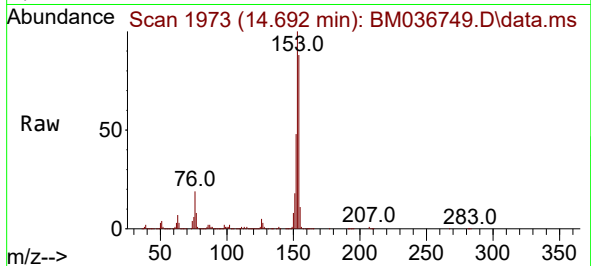




#52
Acenaphthene
Concen: 20.177 ng/ul
RT: 14.692 min Scan# 1973
Delta R.T. 0.000 min
Lab File: BM036749.D
Acq: 26 Sep 2022 17:27

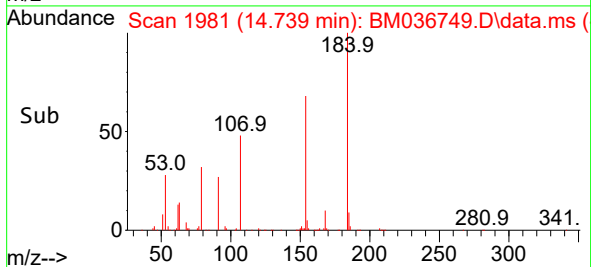
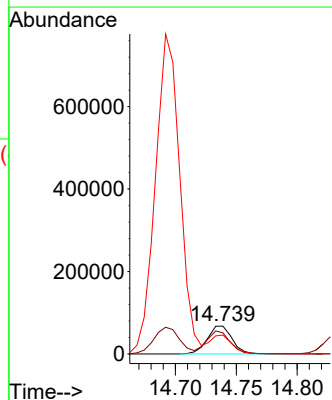
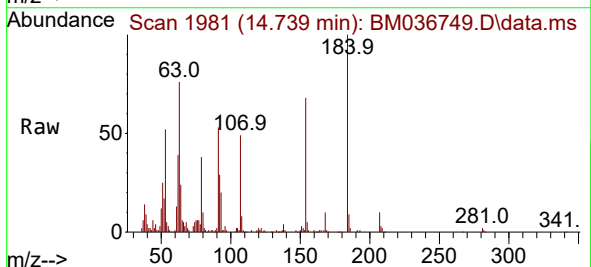
Instrument :
BNA_M
ClientSampleId :

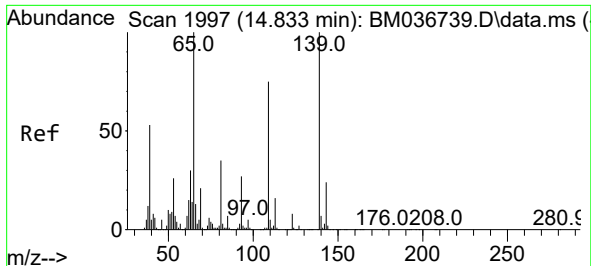
Tgt Ion:153 Resp: 1229011
Ion Ratio Lower Upper
153 100
152 48.3 38.2 57.2
154 87.9 71.0 106.6



#53
2,4-Dinitrophenol
Concen: 19.550 ng/ul
RT: 14.739 min Scan# 1981
Delta R.T. 0.006 min
Lab File: BM036749.D
Acq: 26 Sep 2022 17:27

Tgt Ion:184 Resp: 96039
Ion Ratio Lower Upper
184 100
63 75.8 58.8 88.2
154 68.0 55.0 82.4

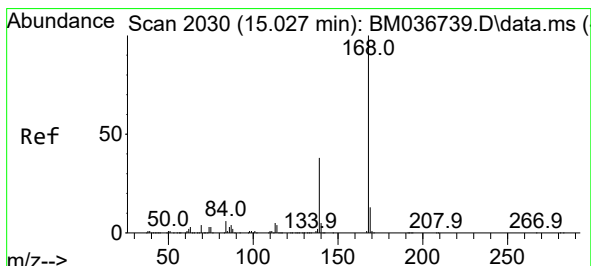
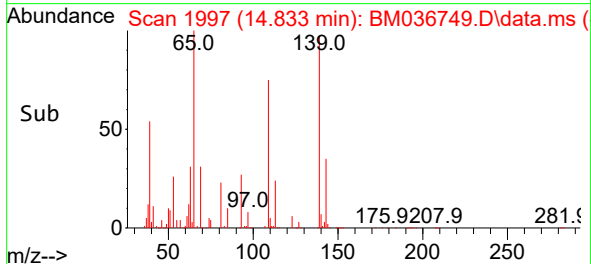
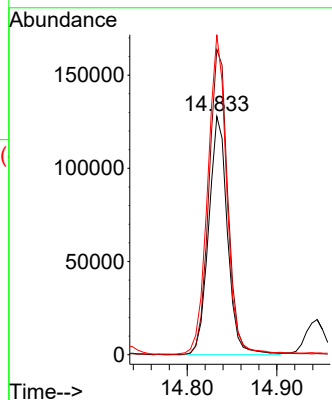
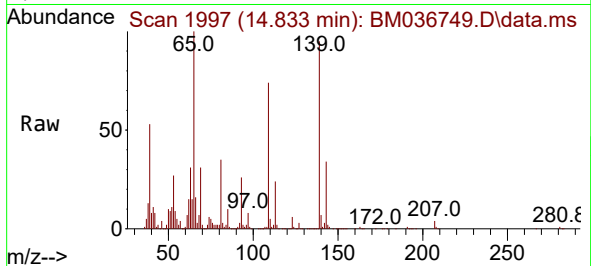




#55
4-Nitrophenol
Concen: 17.460 ng/ul
RT: 14.833 min Scan# 1997
Delta R.T. 0.000 min
Lab File: BM036749.D
Acq: 26 Sep 2022 17:27

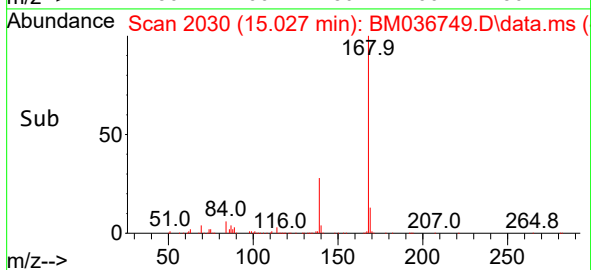
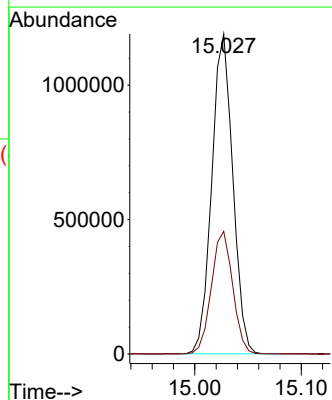
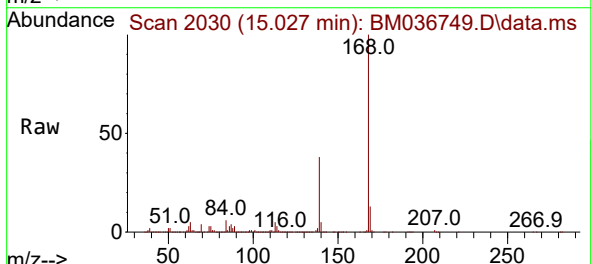
Instrument :
BNA_M
ClientSampleId :

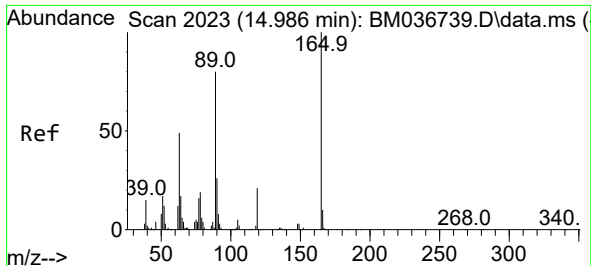
Tgt Ion:109 Resp: 185838
Ion Ratio Lower Upper
109 100
139 128.0 102.2 153.4
65 134.3 105.7 158.5



#56
Dibenzofuran
Concen: 19.963 ng/ul
RT: 15.027 min Scan# 2030
Delta R.T. 0.000 min
Lab File: BM036749.D
Acq: 26 Sep 2022 17:27

Tgt Ion:168 Resp: 1633093
Ion Ratio Lower Upper
168 100
139 38.3 29.7 44.5





#57

2,4-Dinitrotoluene

Concen: 21.816 ng/ul

RT: 14.986 min Scan# 2023

Delta R.T. 0.000 min

Lab File: BM036749.D

Acq: 26 Sep 2022 17:27

Instrument :

BNA_M

ClientSampleId :

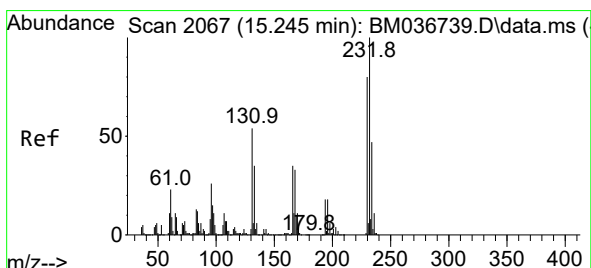
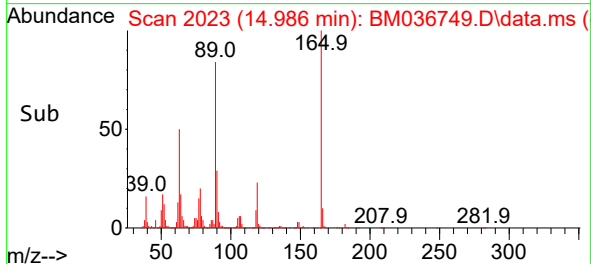
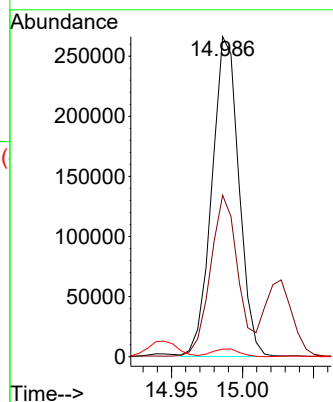
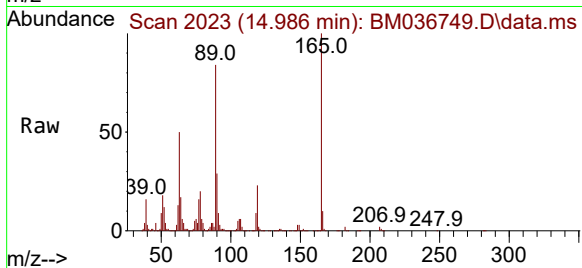
Tgt Ion:165 Resp: 351116

Ion Ratio Lower Upper

165 100

63 50.4 39.7 59.5

182 2.4 2.1 3.1



#58

2,3,4,6-Tetrachlorophenol

Concen: 19.732 ng/ul

RT: 15.251 min Scan# 2068

Delta R.T. 0.006 min

Lab File: BM036749.D

Acq: 26 Sep 2022 17:27

Tgt Ion:232 Resp: 292114

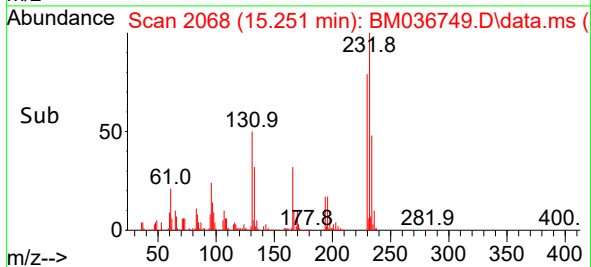
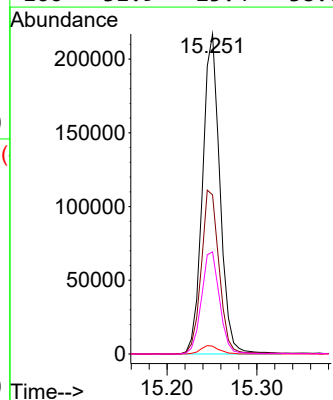
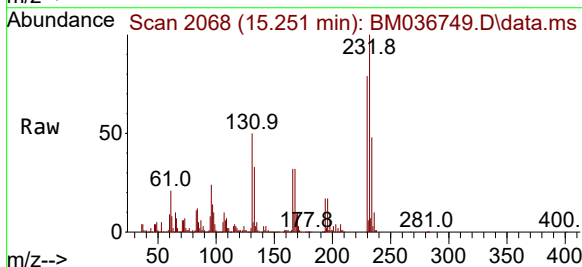
Ion Ratio Lower Upper

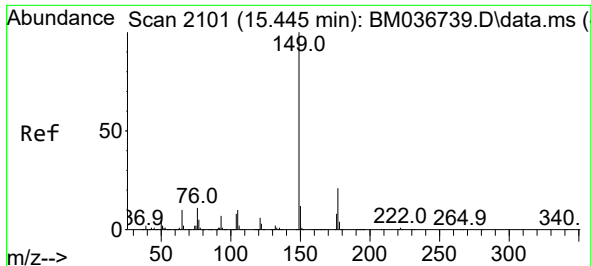
232 100

131 49.7 39.1 58.7

130 2.5 1.8 2.6

166 31.9 25.4 38.0

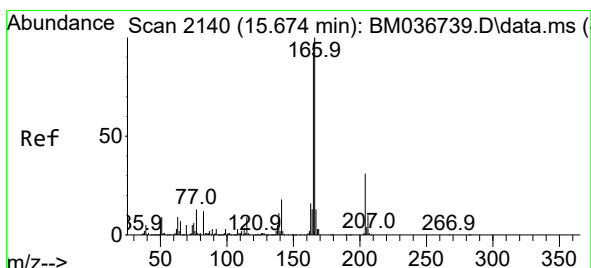
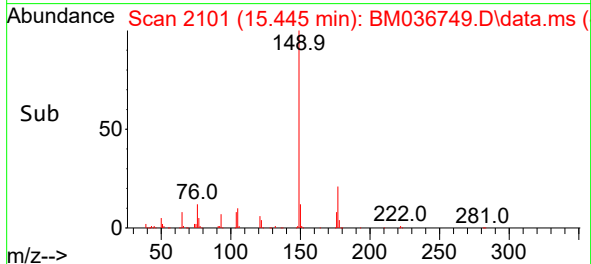
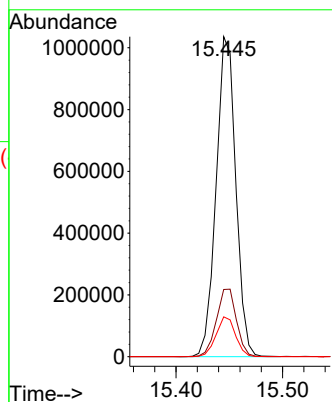
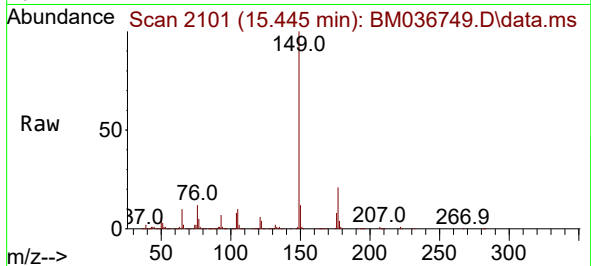




#59
Diethylphthalate
Concen: 19.412 ng/ul
RT: 15.445 min Scan# 2101
Delta R.T. 0.000 min
Lab File: BM036749.D
Acq: 26 Sep 2022 17:27

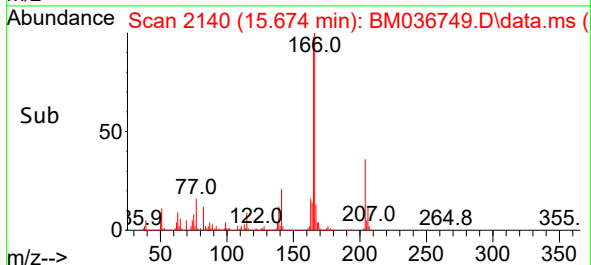
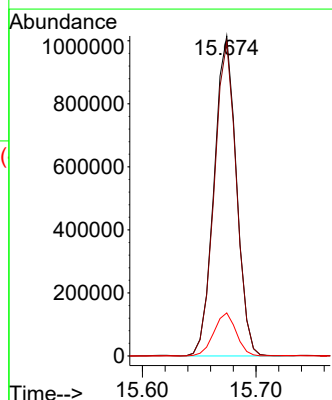
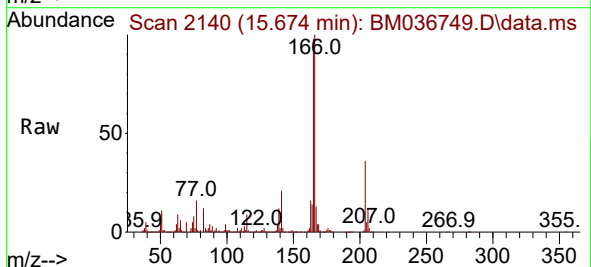
Instrument :
BNA_M
ClientSampleId :

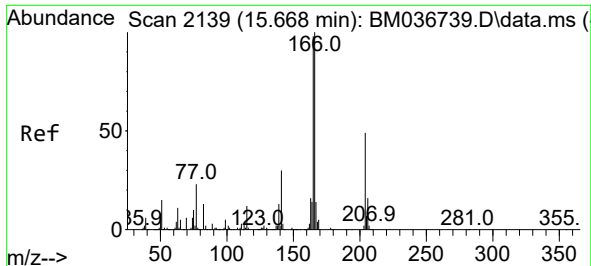
Tgt Ion:149 Resp: 1323282
Ion Ratio Lower Upper
149 100
177 21.0 17.3 25.9
150 12.5 10.1 15.1



#61
Fluorene
Concen: 19.856 ng/ul
RT: 15.674 min Scan# 2140
Delta R.T. 0.000 min
Lab File: BM036749.D
Acq: 26 Sep 2022 17:27

Tgt Ion:166 Resp: 1383437
Ion Ratio Lower Upper
166 100
165 98.1 78.5 117.7
167 13.5 10.4 15.6

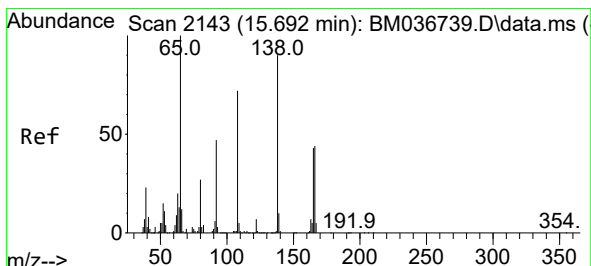
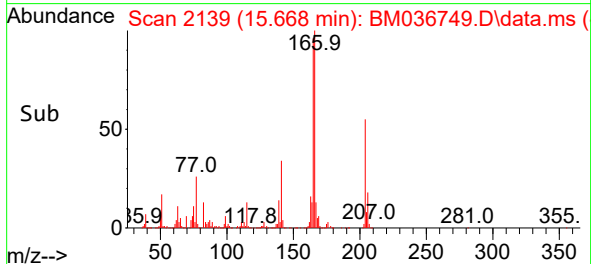
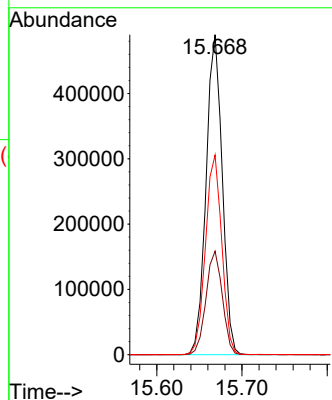
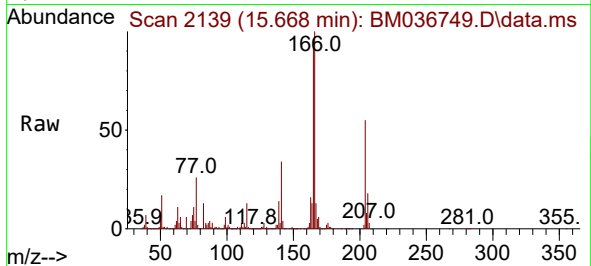




#62
4-Chlorophenyl-phenylether
Concen: 19.381 ng/ul
RT: 15.668 min Scan# 2139
Delta R.T. 0.000 min
Lab File: BM036749.D
Acq: 26 Sep 2022 17:27

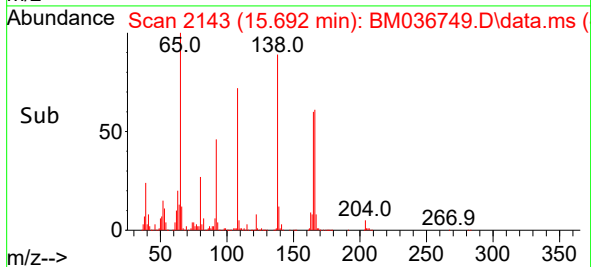
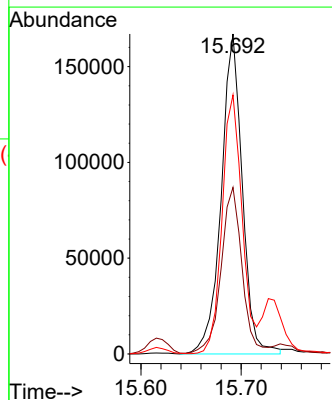
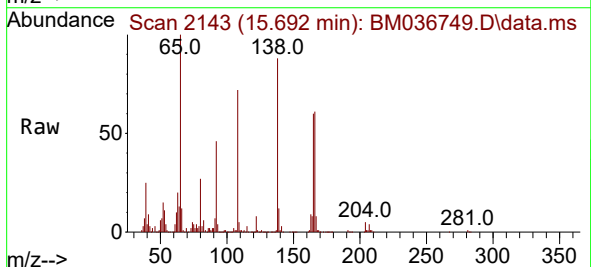
Instrument :
BNA_M
ClientSampleId :

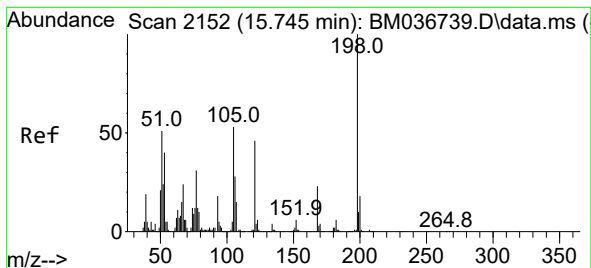
Tgt Ion:204 Resp: 645773
Ion Ratio Lower Upper
204 100
206 32.4 25.7 38.5
141 62.4 49.4 74.0



#63
4-Nitroaniline
Concen: 18.936 ng/ul
RT: 15.692 min Scan# 2143
Delta R.T. 0.000 min
Lab File: BM036749.D
Acq: 26 Sep 2022 17:27

Tgt Ion:138 Resp: 244286
Ion Ratio Lower Upper
138 100
92 52.0 42.1 63.1
108 81.0 66.2 99.2

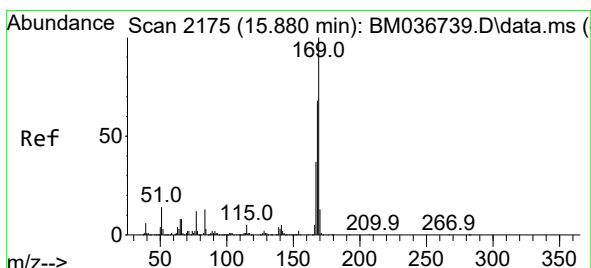
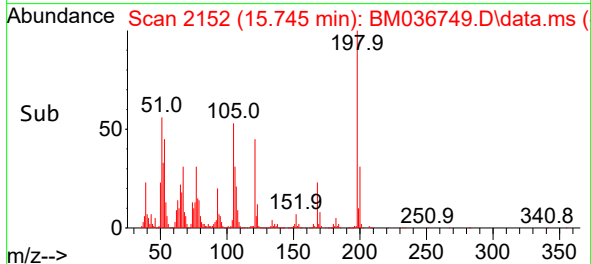
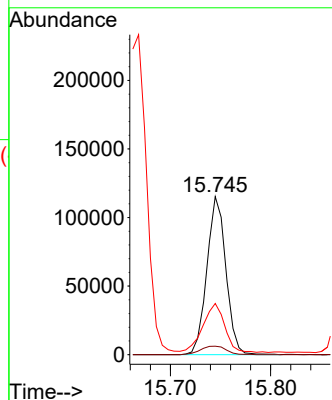
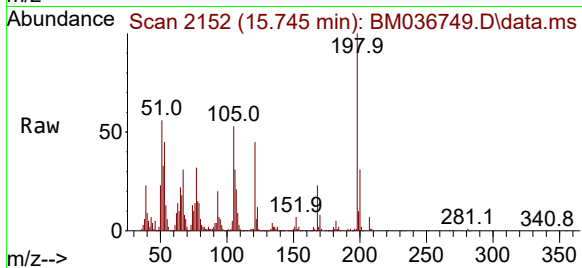




#66
 4,6-Dinitro-2-methylphenol
 Concen: 18.707 ng/ul
 RT: 15.745 min Scan# 2152
 Delta R.T. 0.000 min
 Lab File: BM036749.D
 Acq: 26 Sep 2022 17:27

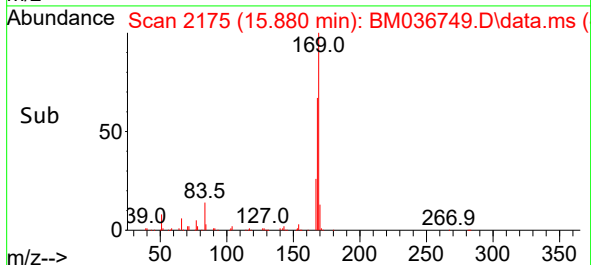
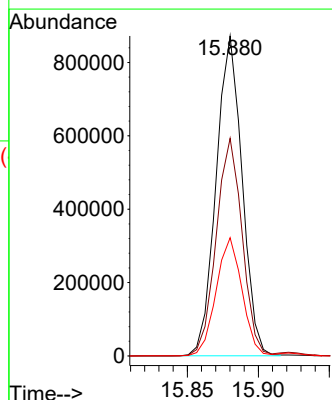
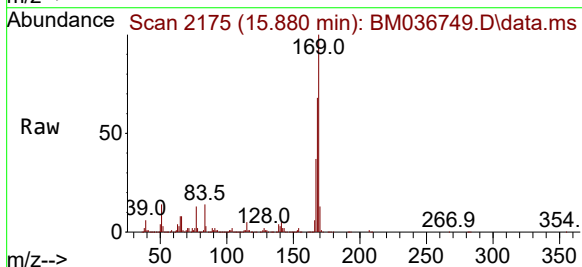
Instrument :
 BNA_M
 ClientSampleId :

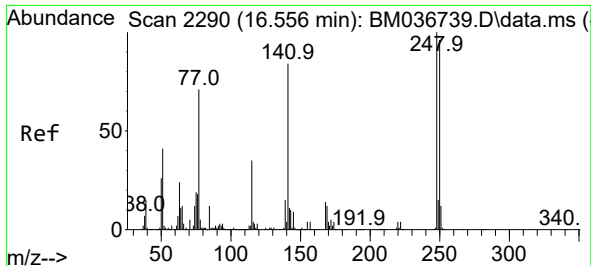
Tgt Ion:198 Resp: 152533
 Ion Ratio Lower Upper
 198 100
 182 5.4 4.2 6.2
 77 32.4 24.0 36.0



#67
 N-Nitrosodiphenylamine
 Concen: 20.642 ng/ul
 RT: 15.880 min Scan# 2175
 Delta R.T. 0.000 min
 Lab File: BM036749.D
 Acq: 26 Sep 2022 17:27

Tgt Ion:169 Resp: 1110297
 Ion Ratio Lower Upper
 169 100
 168 68.0 54.6 81.8
 167 36.9 29.6 44.4

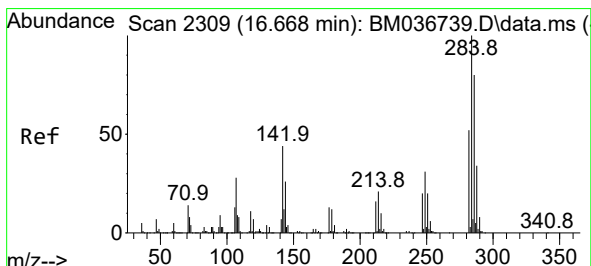
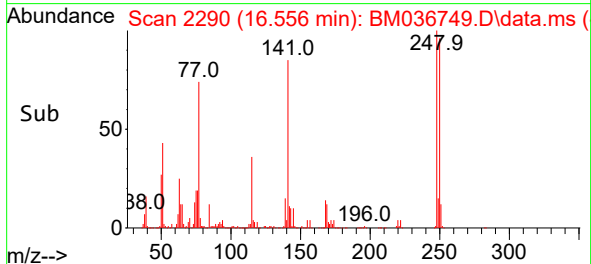
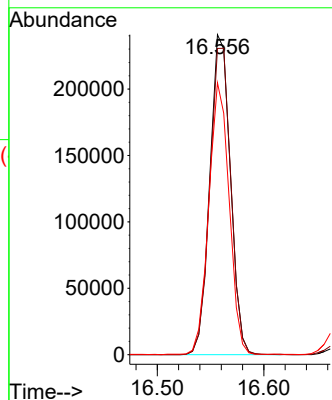
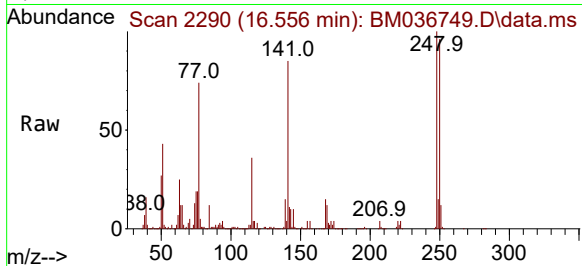




#68
4-Bromophenyl-phenylether
Concen: 17.955 ng/ul
RT: 16.556 min Scan# 2290
Delta R.T. 0.000 min
Lab File: BM036749.D
Acq: 26 Sep 2022 17:27

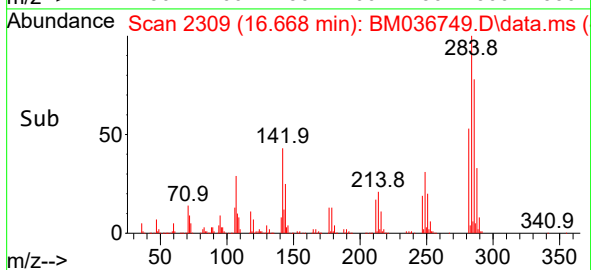
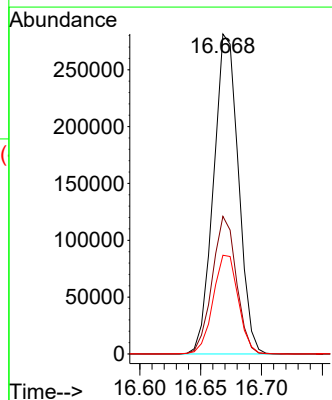
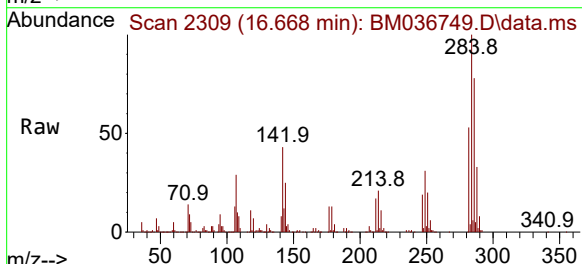
Instrument :
BNA_M
ClientSampleId :

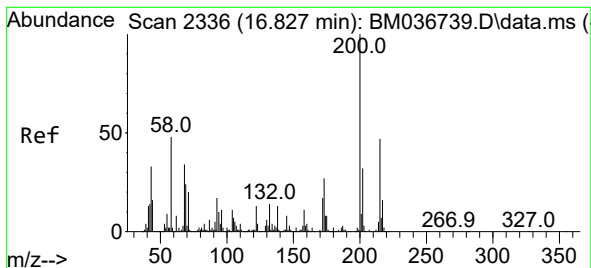
Tgt Ion:248 Resp: 323190
Ion Ratio Lower Upper
248 100
250 95.7 78.9 118.3
141 85.0 65.7 98.5



#69
Hexachlorobenzene
Concen: 18.767 ng/ul
RT: 16.668 min Scan# 2309
Delta R.T. 0.000 min
Lab File: BM036749.D
Acq: 26 Sep 2022 17:27

Tgt Ion:284 Resp: 399563
Ion Ratio Lower Upper
284 100
142 43.0 30.8 46.2
249 30.9 24.2 36.2





#70

Atrazine

Concen: 18.762 ng/ul

RT: 16.833 min Scan# 21

Delta R.T. 0.006 min

Lab File: BM036749.D

Acq: 26 Sep 2022 17:27

Instrument :

BNA_M

ClientSampleId :

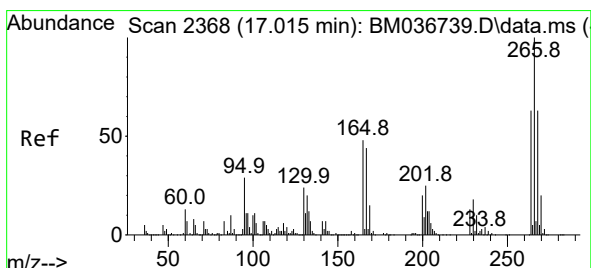
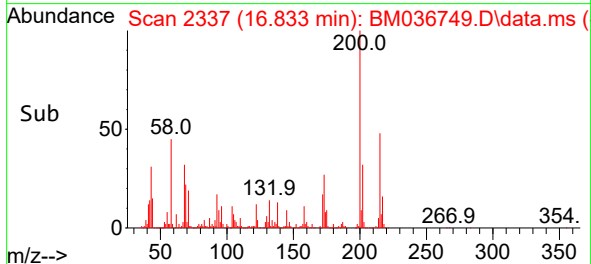
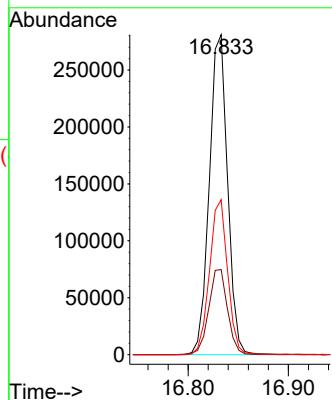
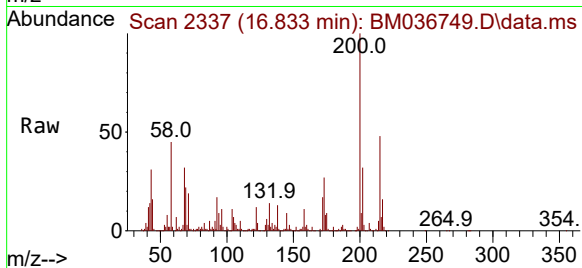
Tgt Ion:200 Resp: 356112

Ion Ratio Lower Upper

200 100

173 26.6 21.8 32.6

215 48.5 39.4 59.2



#71

Pentachlorophenol

Concen: 17.054 ng/ul

RT: 17.015 min Scan# 2368

Delta R.T. 0.000 min

Lab File: BM036749.D

Acq: 26 Sep 2022 17:27

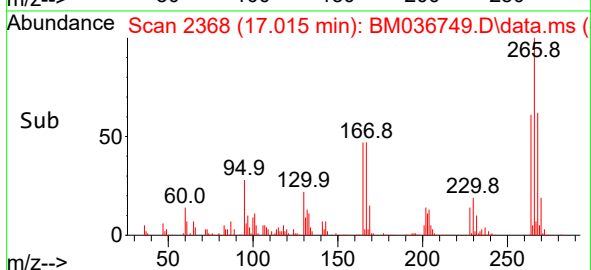
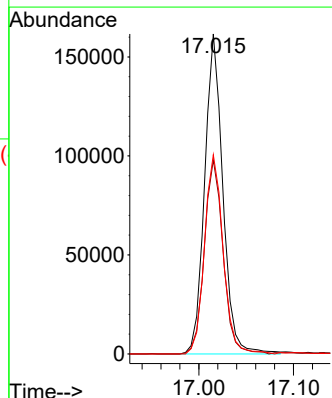
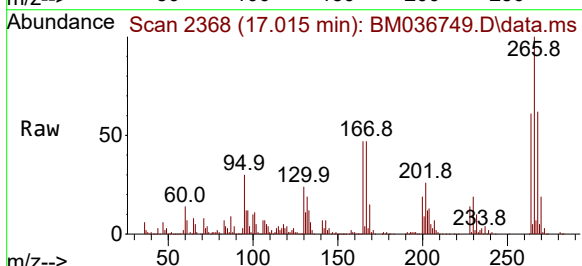
Tgt Ion:266 Resp: 215674

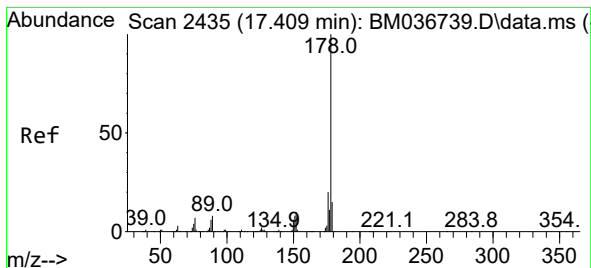
Ion Ratio Lower Upper

266 100

264 60.6 49.7 74.5

268 62.2 51.8 77.6





#72

Phenanthrene

Concen: 20.147 ng/ul

RT: 17.409 min Scan# 2435

Delta R.T. 0.000 min

Lab File: BM036749.D

Acq: 26 Sep 2022 17:27

Instrument :

BNA_M

ClientSampleId :

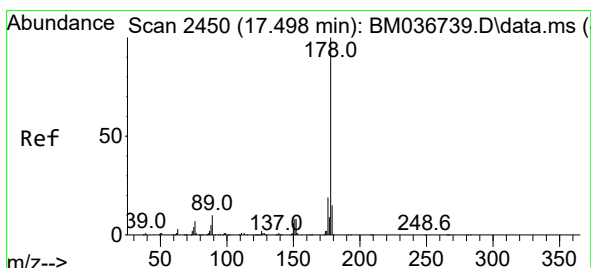
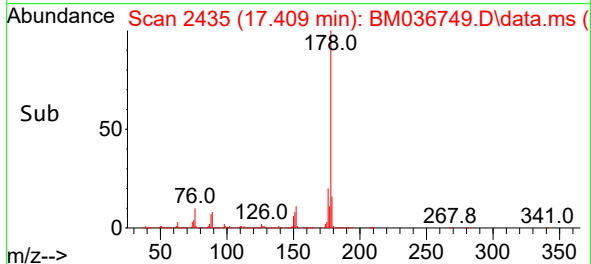
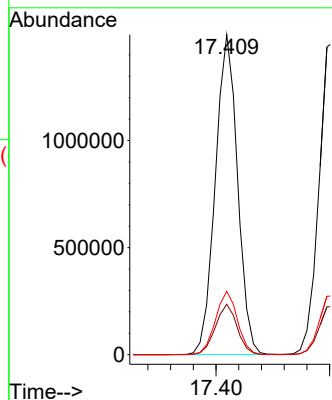
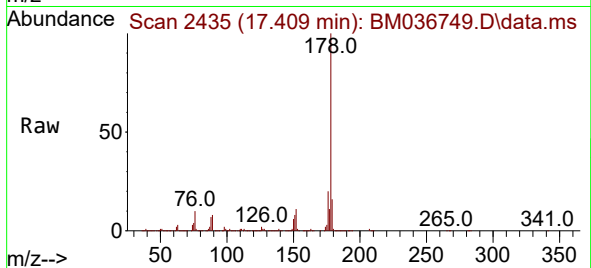
Tgt Ion:178 Resp: 2026644

Ion Ratio Lower Upper

178 100

179 15.8 12.2 18.2

176 19.8 15.7 23.5



#74

Anthracene

Concen: 20.039 ng/ul

RT: 17.503 min Scan# 2451

Delta R.T. 0.006 min

Lab File: BM036749.D

Acq: 26 Sep 2022 17:27

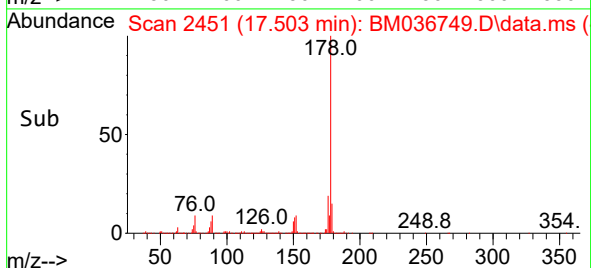
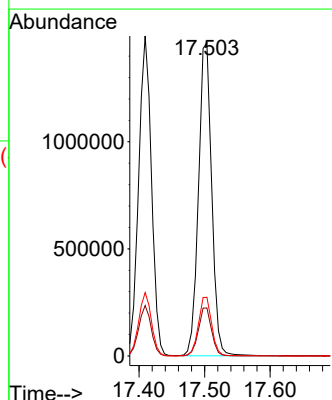
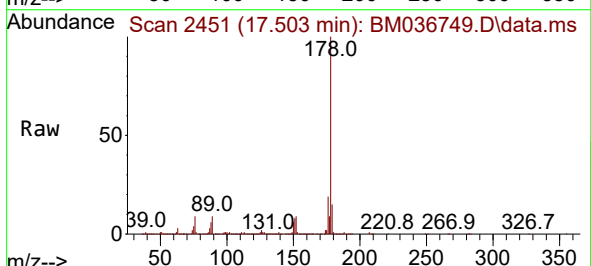
Tgt Ion:178 Resp: 2048854

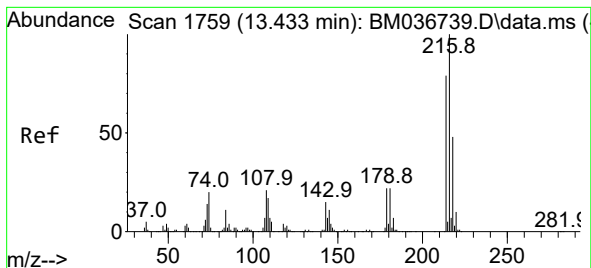
Ion Ratio Lower Upper

178 100

179 15.3 12.3 18.5

176 18.8 15.0 22.6

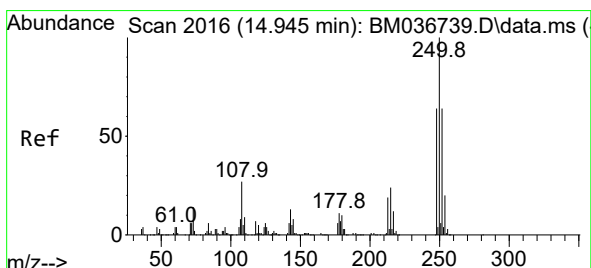
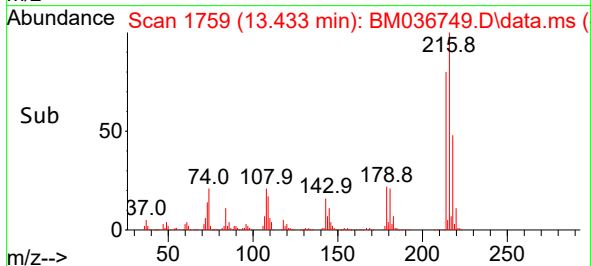
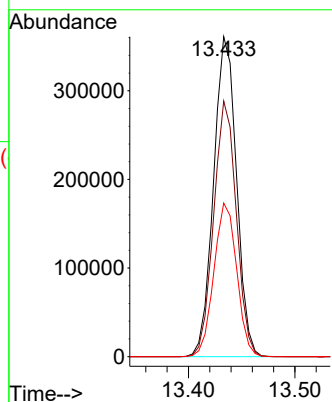
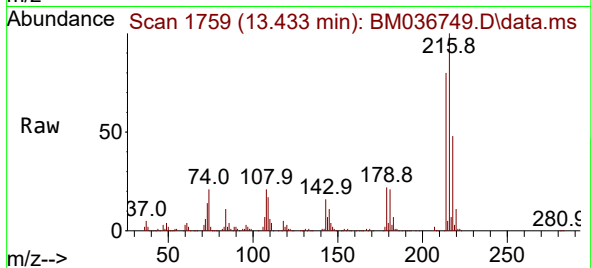




#75
1,2,3,4-Tetrachlorobenzene
Concen: 21.586 ng/uL
RT: 13.433 min Scan# 1759
Delta R.T. 0.000 min
Lab File: BM036749.D
Acq: 26 Sep 2022 17:27

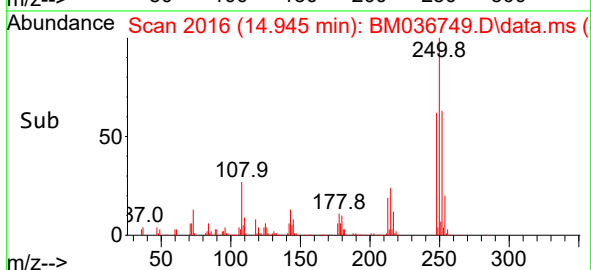
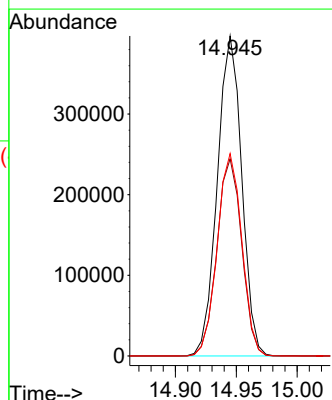
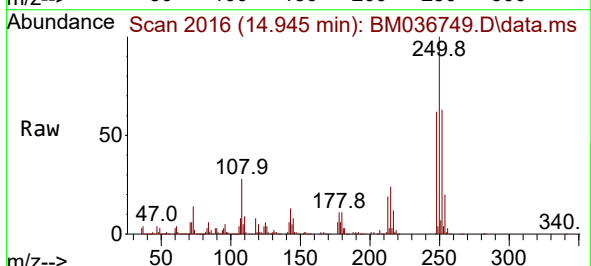
Instrument :
BNA_M
ClientSampleId :

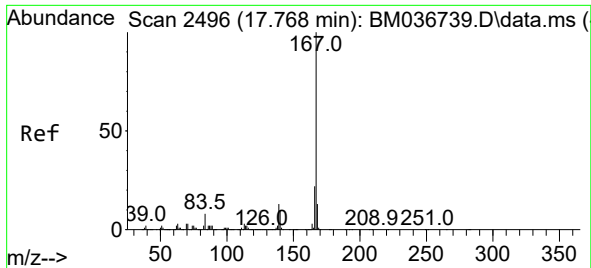
Tgt Ion:216 Resp: 539185
Ion Ratio Lower Upper
216 100
214 79.9 62.6 94.0
218 48.0 38.2 57.2



#76
Pentachlorobenzene
Concen: 20.514 ng/uL
RT: 14.945 min Scan# 2016
Delta R.T. 0.000 min
Lab File: BM036749.D
Acq: 26 Sep 2022 17:27

Tgt Ion:250 Resp: 554206
Ion Ratio Lower Upper
250 100
248 61.6 50.2 75.2
252 63.3 50.5 75.7

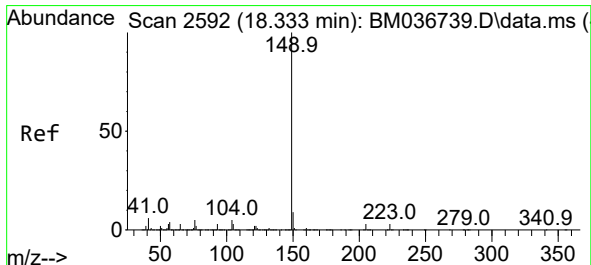
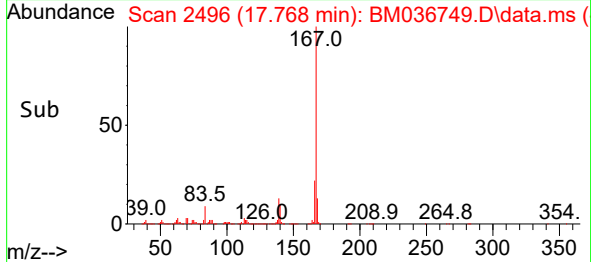
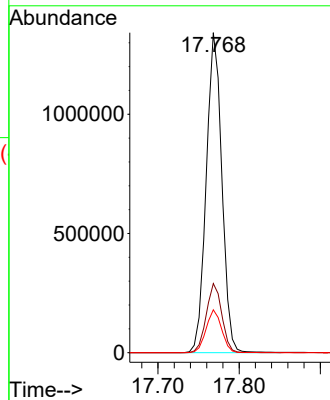
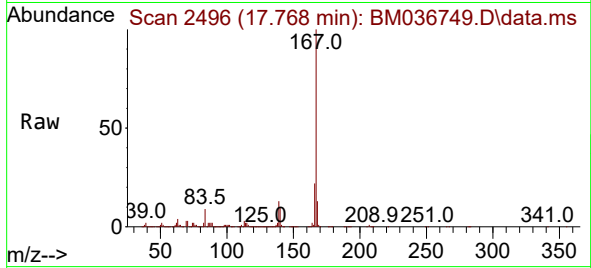




#77
 Carbazole
 Concen: 18.911 ng/ul
 RT: 17.768 min Scan# 2496
 Delta R.T. 0.000 min
 Lab File: BM036749.D
 Acq: 26 Sep 2022 17:27

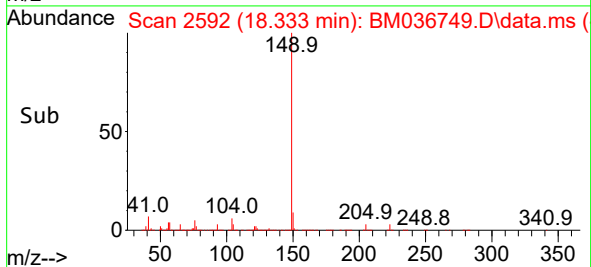
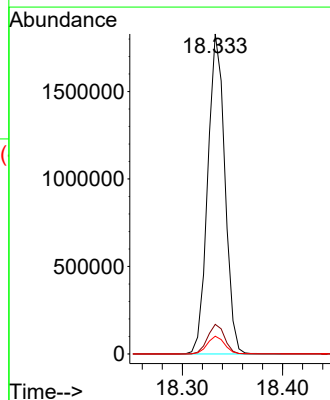
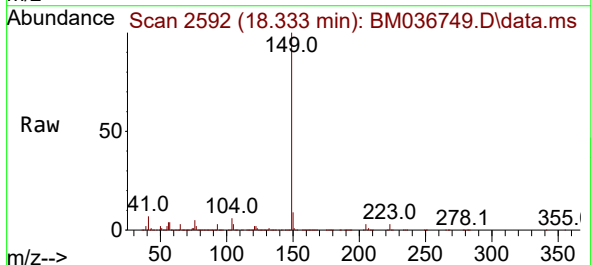
Instrument :
 BNA_M
 ClientSampleId :

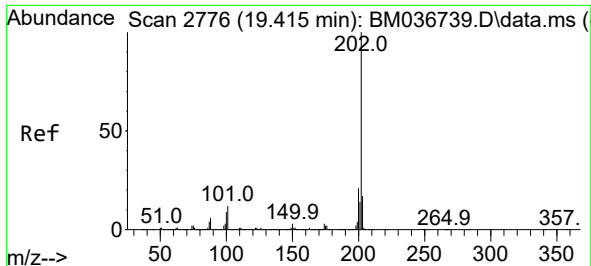
Tgt Ion:167 Resp: 1790220
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.2 25.8
 139 13.4 10.6 15.8



#78
 Di-n-butylphthalate
 Concen: 20.283 ng/ul
 RT: 18.333 min Scan# 2592
 Delta R.T. 0.000 min
 Lab File: BM036749.D
 Acq: 26 Sep 2022 17:27

Tgt Ion:149 Resp: 2176298
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.2 10.8
 104 5.5 4.3 6.5

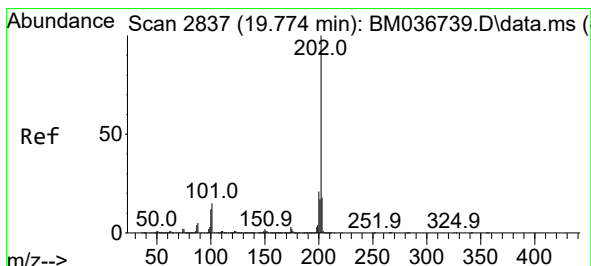
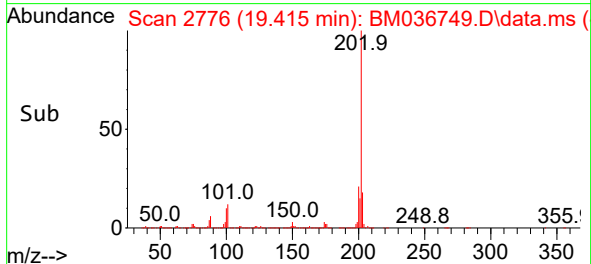
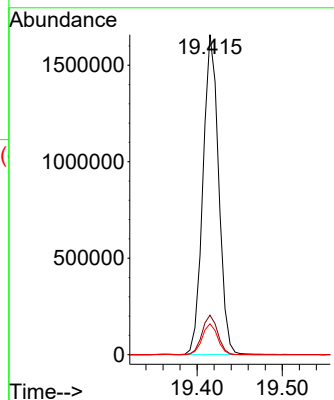
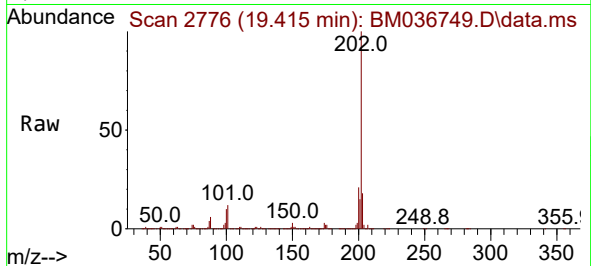




#80
Fluoranthene
Concen: 24.217 ng/ul
RT: 19.415 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM036749.D
Acq: 26 Sep 2022 17:27

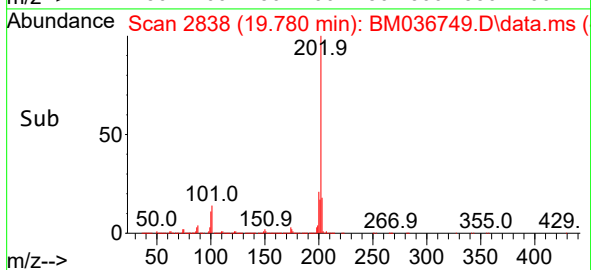
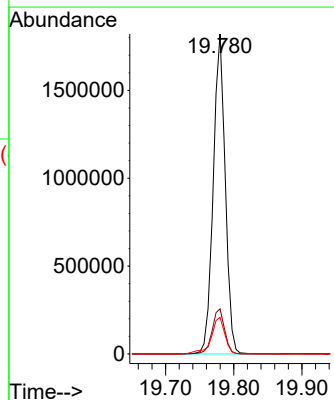
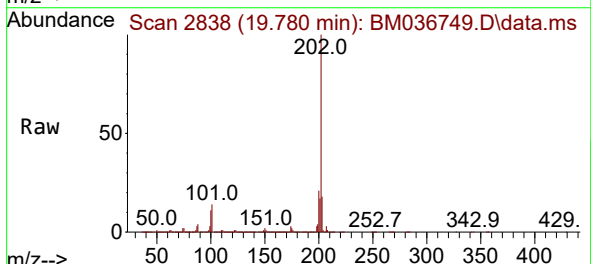
Instrument :
BNA_M
ClientSampleId :

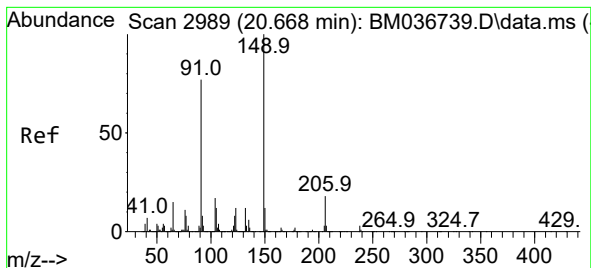
Tgt Ion:202 Resp: 2119178
Ion Ratio Lower Upper
202 100
101 12.4 9.8 14.6
100 9.7 7.4 11.2



#82
Pyrene
Concen: 24.112 ng/ul
RT: 19.780 min Scan# 2838
Delta R.T. 0.006 min
Lab File: BM036749.D
Acq: 26 Sep 2022 17:27

Tgt Ion:202 Resp: 2233497
Ion Ratio Lower Upper
202 100
101 14.1 10.9 16.3
100 11.4 8.7 13.1





#83

Butylbenzylphthalate

Concen: 24.209 ng/ul

RT: 20.674 min Scan# 2989

Delta R.T. 0.006 min

Lab File: BM036749.D

Acq: 26 Sep 2022 17:27

Instrument :

BNA_M

ClientSampleId :

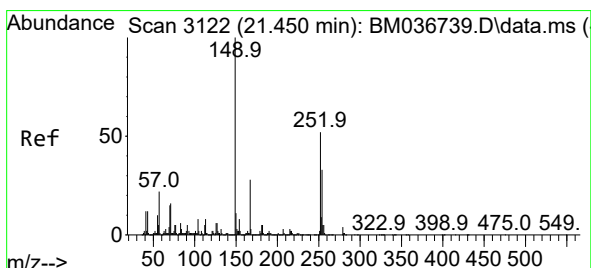
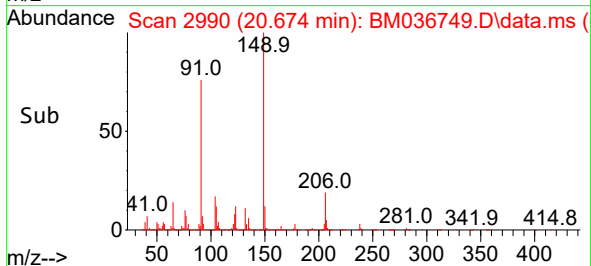
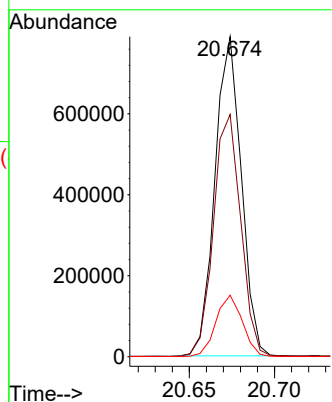
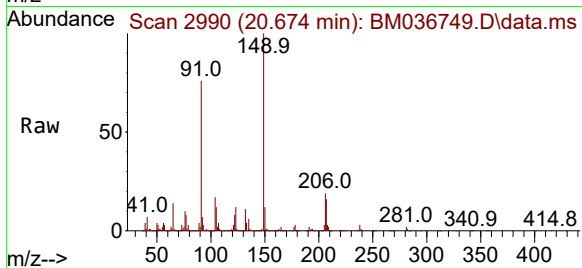
Tgt Ion:149 Resp: 849738

Ion Ratio Lower Upper

149 100

91 75.7 55.2 82.8

206 19.2 16.2 24.2



#84

3,3'-Dichlorobenzidine

Concen: 19.323 ng/ul

RT: 21.450 min Scan# 3122

Delta R.T. 0.000 min

Lab File: BM036749.D

Acq: 26 Sep 2022 17:27

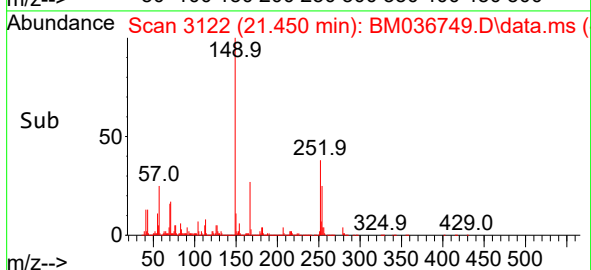
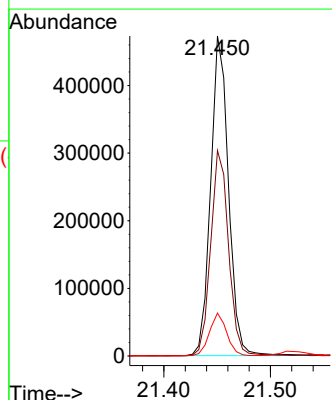
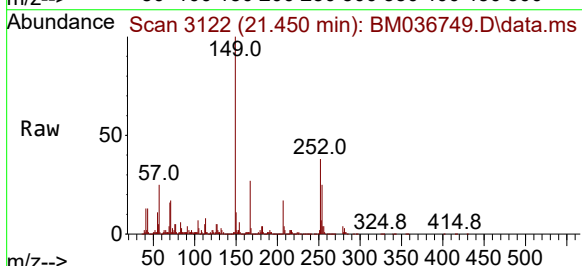
Tgt Ion:252 Resp: 548067

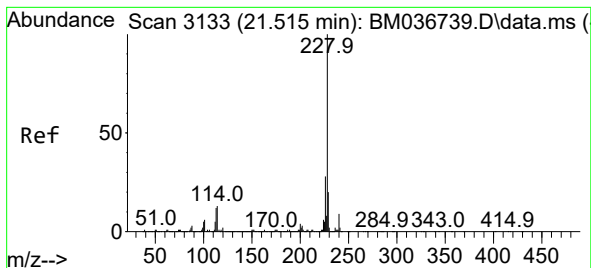
Ion Ratio Lower Upper

252 100

254 64.2 53.0 79.4

126 13.4 10.4 15.6





#85

Benzo(a)anthracene

Concen: 20.298 ng/ul

RT: 21.521 min Scan# 3133

Delta R.T. 0.006 min

Lab File: BM036749.D

Acq: 26 Sep 2022 17:27

Instrument :

BNA_M

ClientSampleId :

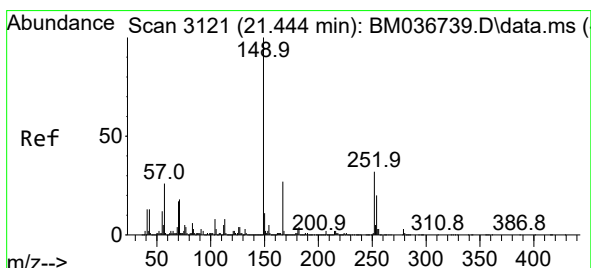
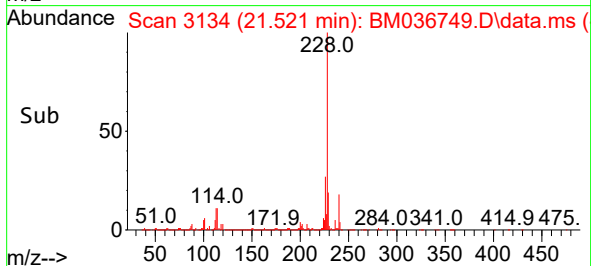
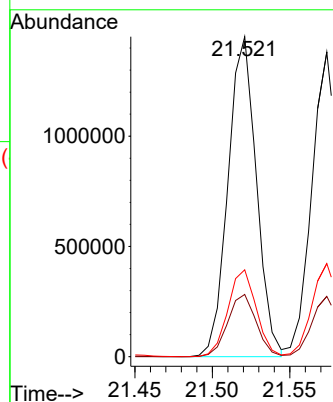
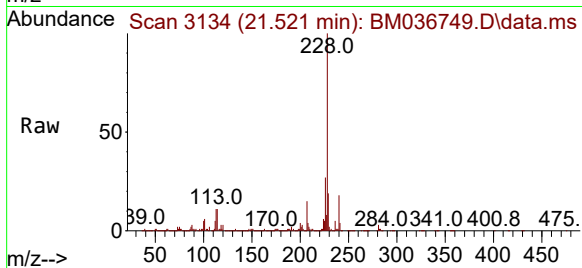
Tgt Ion:228 Resp: 1846044

Ion Ratio Lower Upper

228 100

229 19.5 15.8 23.8

226 27.1 21.9 32.9



#86

Bis(2-ethylhexyl)phthalate

Concen: 25.777 ng/ul

RT: 21.450 min Scan# 3122

Delta R.T. 0.006 min

Lab File: BM036749.D

Acq: 26 Sep 2022 17:27

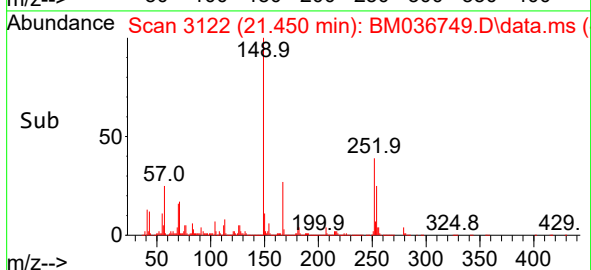
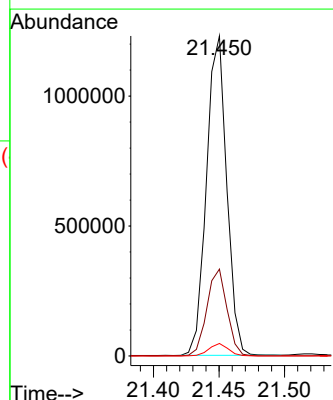
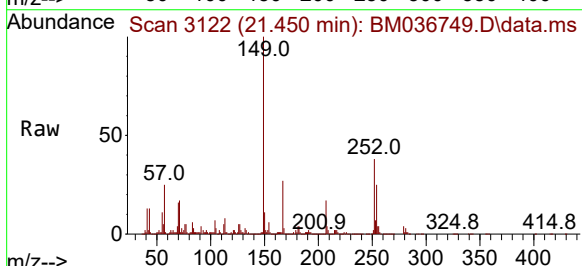
Tgt Ion:149 Resp: 1321644

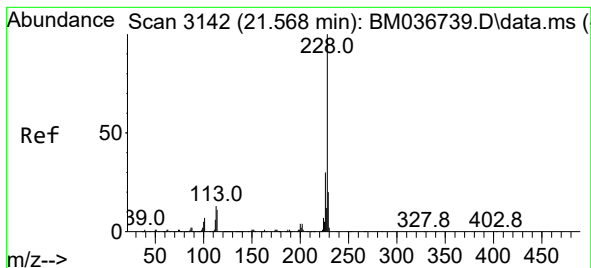
Ion Ratio Lower Upper

149 100

167 27.2 22.0 33.0

279 3.9 3.3 4.9





#87

Chrysene

Concen: 19.925 ng/ul

RT: 21.574 min Scan# 3143

Delta R.T. 0.006 min

Lab File: BM036749.D

Acq: 26 Sep 2022 17:27

Instrument :

BNA_M

ClientSampleId :

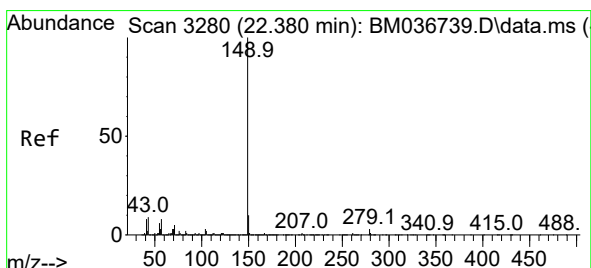
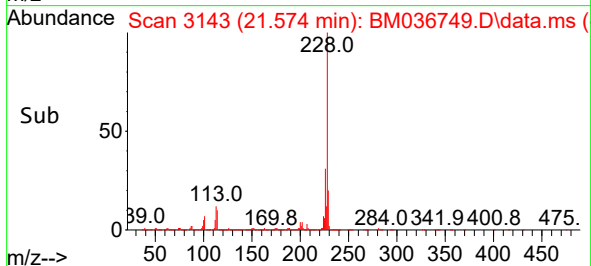
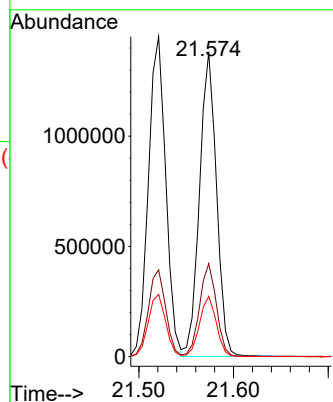
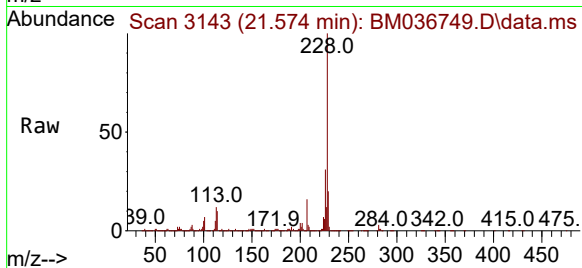
Tgt Ion:228 Resp: 1720113

Ion Ratio Lower Upper

228 100

226 30.6 24.4 36.6

229 19.8 15.6 23.4



#89

Di-n-octyl phthalate

Concen: 27.212 ng/ul

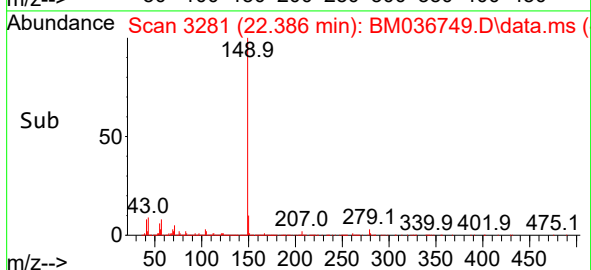
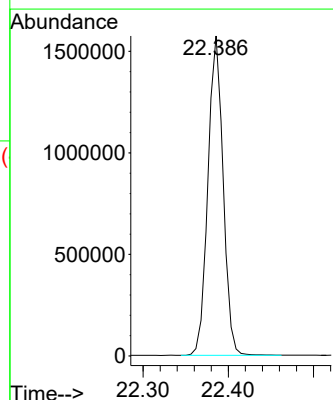
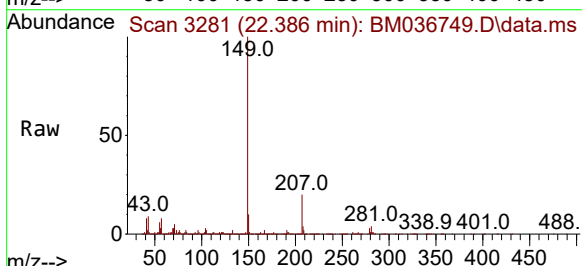
RT: 22.386 min Scan# 3281

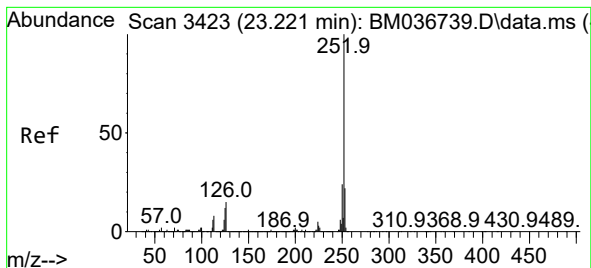
Delta R.T. 0.006 min

Lab File: BM036749.D

Acq: 26 Sep 2022 17:27

Tgt Ion:149 Resp: 1944193





#90

Benzo(b)fluoranthene

Concen: 21.068 ng/ul

RT: 23.227 min Scan# 3423

Delta R.T. 0.006 min

Lab File: BM036749.D

Acq: 26 Sep 2022 17:27

Instrument :

BNA_M

ClientSampleId :

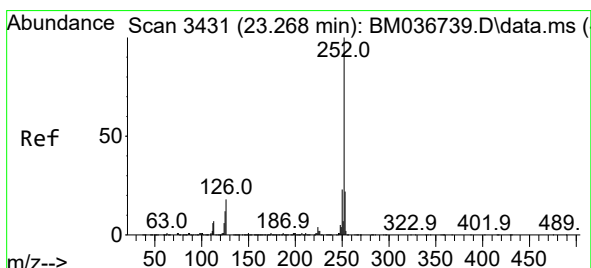
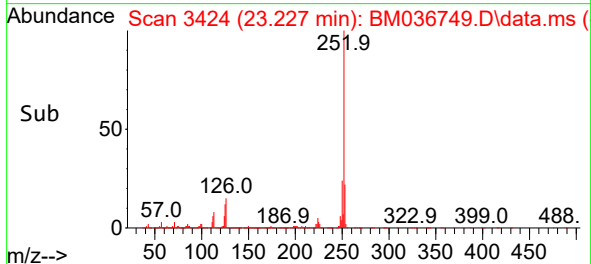
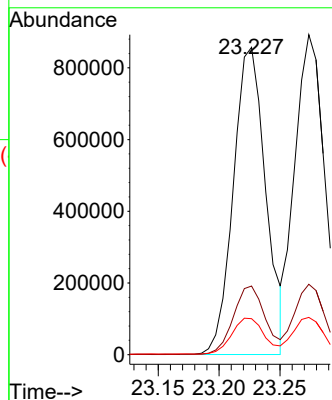
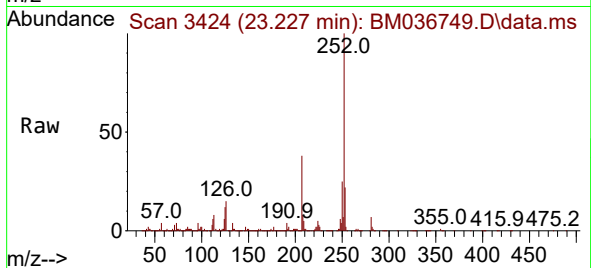
Tgt Ion:252 Resp: 1583298

Ion Ratio Lower Upper

252 100

253 22.4 17.6 26.4

125 11.7 9.1 13.7



#91

Benzo(k)fluoranthene

Concen: 20.491 ng/ul

RT: 23.274 min Scan# 3432

Delta R.T. 0.006 min

Lab File: BM036749.D

Acq: 26 Sep 2022 17:27

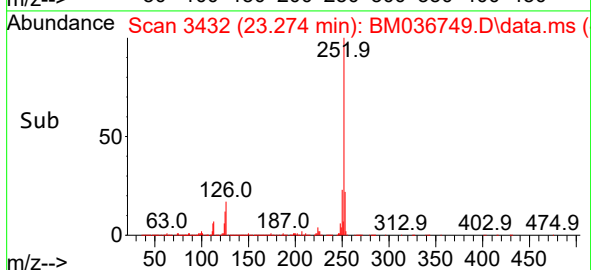
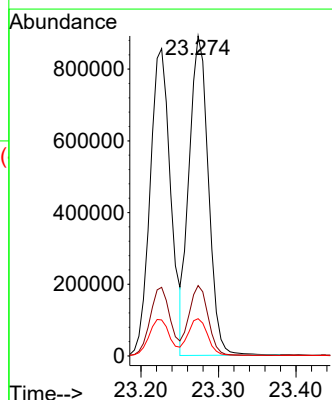
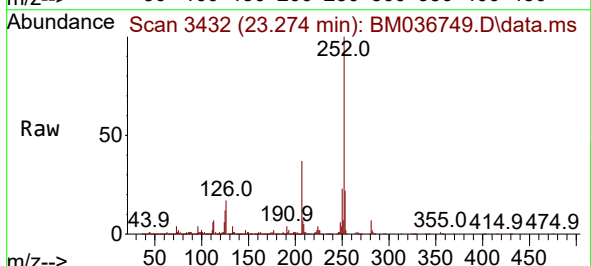
Tgt Ion:252 Resp: 1538753

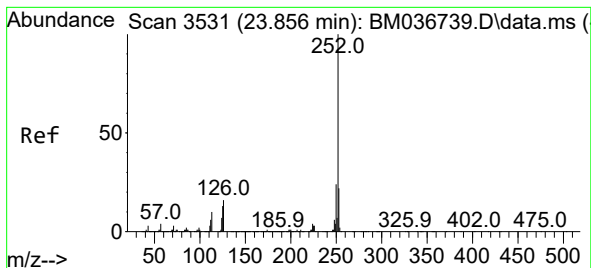
Ion Ratio Lower Upper

252 100

253 22.0 17.8 26.8

125 11.7 8.2 12.4





#93

Benzo(a)pyrene

Concen: 20.103 ng/ul

RT: 23.862 min Scan# 3

Delta R.T. 0.006 min

Lab File: BM036749.D

Acq: 26 Sep 2022 17:27

Instrument :

BNA_M

ClientSampleId :

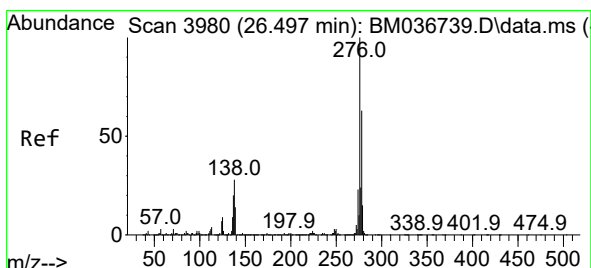
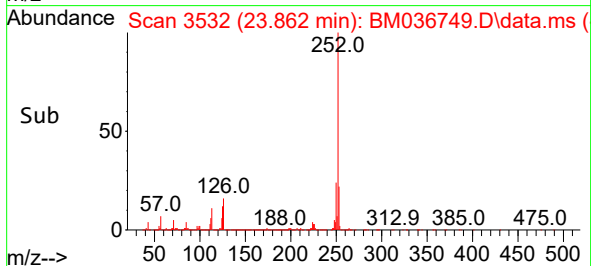
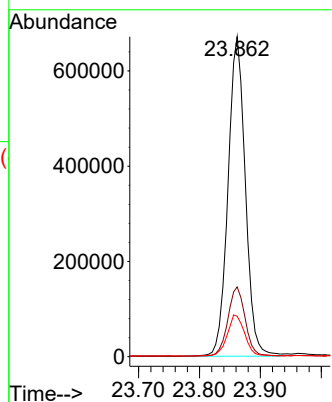
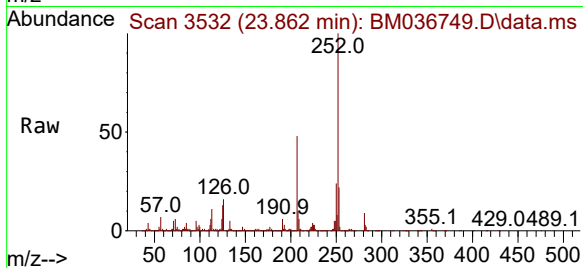
Tgt Ion:252 Resp: 1328124

Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

125 12.7 9.5 14.3



#94

Indeno(1,2,3-cd)pyrene

Concen: 18.197 ng/ul

RT: 26.503 min Scan# 3981

Delta R.T. 0.006 min

Lab File: BM036749.D

Acq: 26 Sep 2022 17:27

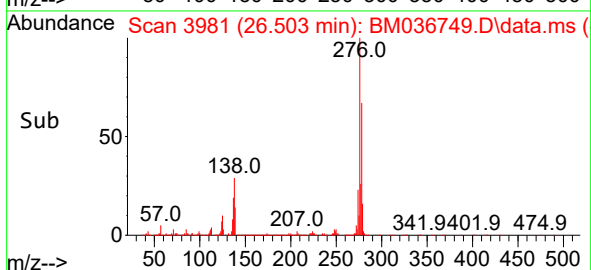
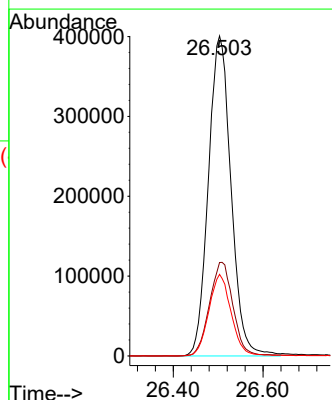
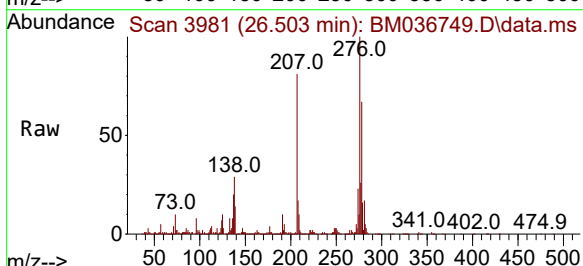
Tgt Ion:276 Resp: 1403931

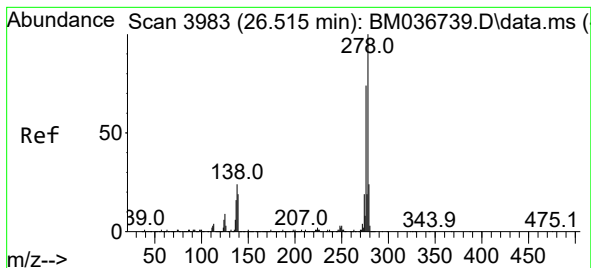
Ion Ratio Lower Upper

276 100

138 29.2 20.2 30.4

277 25.5 19.7 29.5





#95

Dibenzo(a,h)anthracene

Concen: 17.969 ng/ul

RT: 26.521 min Scan# 3984

Delta R.T. 0.006 min

Lab File: BM036749.D

Acq: 26 Sep 2022 17:27

Instrument :

BNA_M

ClientSampleId :

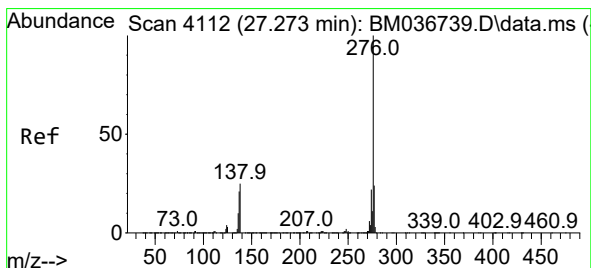
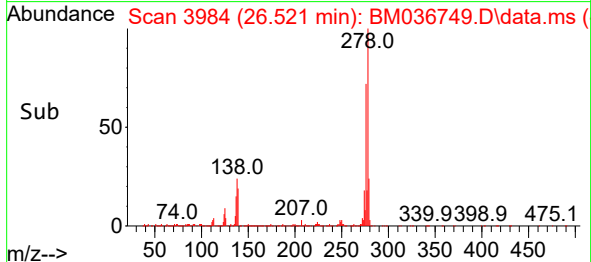
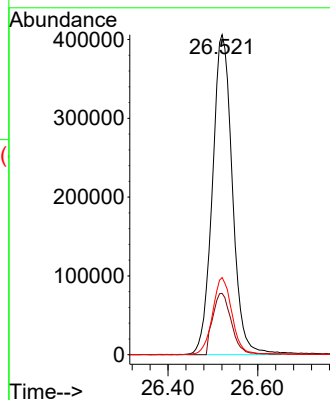
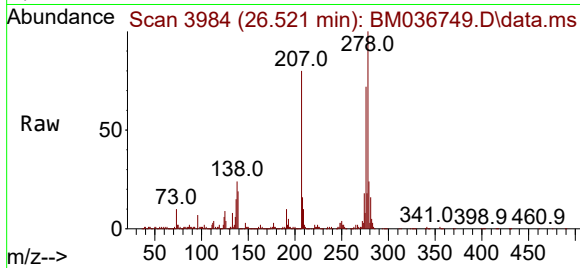
Tgt Ion:278 Resp: 1257290

Ion Ratio Lower Upper

278 100

139 19.1 14.5 21.7

279 24.1 19.7 29.5



#96

Benzo(g,h,i)perylene

Concen: 18.253 ng/ul

RT: 27.279 min Scan# 4113

Delta R.T. 0.006 min

Lab File: BM036749.D

Acq: 26 Sep 2022 17:27

Tgt Ion:276 Resp: 1220847

Ion Ratio Lower Upper

276 100

138 24.7 18.7 28.1

277 23.6 19.2 28.8

