

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092622\
 Data File : BM036755.D
 Acq On : 26 Sep 2022 21:12
 Operator : CG/JU
 Sample : PB147882BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Sep 26 23:16:18 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	314209	20.000	ng/ul	0.00
20) Naphthalene-d8	10.816	136	1370141	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.627	164	845882	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.368	188	1655106	20.000	ng/ul	0.00
79) Chrysene-d12	21.533	240	1338959	20.000	ng/ul	0.00
88) Perylene-d12	23.968	264	1074849	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.387	96	56166	6.701	ng/uL	0.00
4) Pyridine-d5	3.810	84	753709	30.833	ng/ul	0.00
7) Phenol-d5	7.163	99	1117808	39.809	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.334	67	685027	40.172	ng/ul	0.00
11) 2-Chlorophenol-d4	7.534	132	854757	42.282	ng/ul	0.00
15) 4-Methylphenol-d8	8.716	113	868989	41.884	ng/ul	0.00
21) Nitrobenzene-d5	9.175	128	424131	45.734	ng/ul	0.00
24) 2-Nitrophenol-d4	9.892	143	414850	49.941	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.433	165	808744	42.011	ng/ul	0.00
31) 4-Chloroaniline-d4	10.951	131	1087525	33.978	ng/ul	0.00
46) Dimethylphthalate-d6	14.045	166	2328654	40.818	ng/ul	0.00
49) Acenaphthylene-d8	14.327	160	2809208	41.513	ng/ul	0.00
54) 4-Nitrophenol-d4	14.821	143	418584	37.828	ng/ul	0.00
60) Fluorene-d10	15.615	176	2037930	39.861	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.733	200	294396	44.957	ng/ul	0.00
73) Anthracene-d10	17.468	188	3025191	39.976	ng/ul	0.00
81) Pyrene-d10	19.750	212	3271997	49.672	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.809	264	2247648	42.802	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.422	88	111801	12.383	ng/uL	98
5) Pyridine	3.834	79	793332	32.303	ng/ul	95
6) Benzaldehyde	7.140	77	621187	45.685	ng/ul	97
8) Phenol	7.192	94	1100922	36.531	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.428	93	855311	36.477	ng/ul	99
12) 2-Chlorophenol	7.563	128	843055	38.552	ng/ul	100
13) 2-Methylphenol	8.445	108	809296	36.535	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.534	45	1036737	37.305	ng/ul	99
16) Acetophenone	8.834	105	1299263	36.103	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.822	70	661941	38.120	ng/ul	98
18) 4-Methylphenol	8.781	108	890405	37.172	ng/ul	98
19) Hexachloroethane	9.086	117	326682	36.882	ng/ul	99
22) Nitrobenzene	9.216	77	981694	39.870	ng/ul	98
23) Isophorone	9.745	82	1807944	36.012	ng/ul	100
25) 2-Nitrophenol	9.928	139	437197	42.612	ng/ul	100
26) 2,4-Dimethylphenol	9.986	107	919544	36.338	ng/ul	100
27) Bis(2-Chloroethoxy)met...	10.228	93	1118269	37.371	ng/ul	99
29) 2,4-Dichlorophenol	10.463	162	772750	38.183	ng/ul	100
30) Naphthalene	10.869	128	2714100	36.362	ng/ul	100
32) 4-Chloroaniline	10.975	127	1076894	32.589	ng/ul	99
33) Hexachlorobutadiene	11.151	225	434600	35.111	ng/ul	99
34) Caprolactam	11.769	113	165645	25.232	ng/ul	98
35) 4-Chloro-3-methylphenol	12.092	107	854302	38.240	ng/ul	98
36) 2-Methylnaphthalene	12.469	142	1810767	36.412	ng/ul	99

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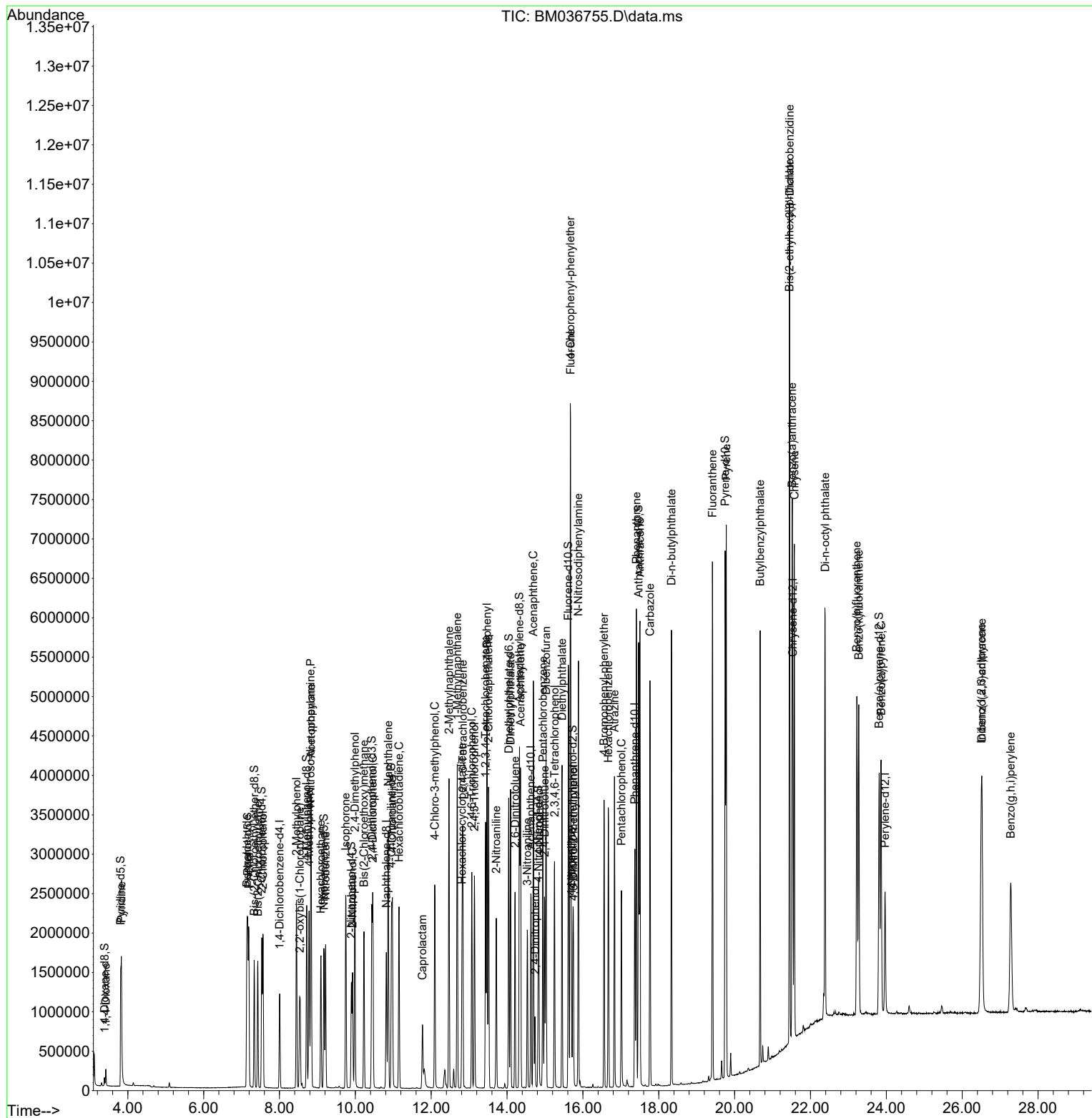
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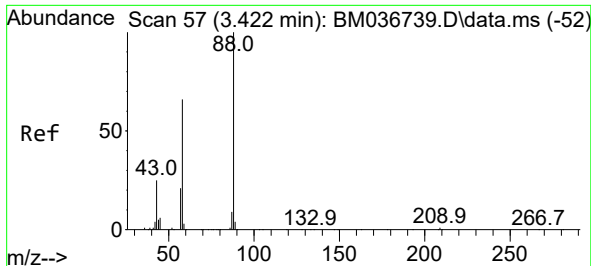
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.686	142	1832757	36.659	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.833	216	871140	36.386	ng/ul	100
40) Hexachlorocyclopentadiene	12.810	237	386773	30.998	ng/ul	99
41) 2,4,6-Trichlorophenol	13.069	196	563956	38.471	ng/ul	99
42) 2,4,5-Trichlorophenol	13.139	196	614845	39.120	ng/ul	98
43) 1,1'-Biphenyl	13.469	154	2308518	37.022	ng/ul	99
44) 2-Chloronaphthalene	13.510	162	1784022	36.461	ng/ul	100
45) 2-Nitroaniline	13.716	65	536110	44.515	ng/ul	97
47) Dimethylphthalate	14.092	163	2219272	36.672	ng/ul	99
48) 2,6-Dinitrotoluene	14.210	165	427141	43.413	ng/ul	99
50) Acenaphthylene	14.357	152	2816848	36.408	ng/ul	99
51) 3-Nitroaniline	14.533	138	465445	39.444	ng/ul#	98
52) Acenaphthene	14.692	153	1975105	36.485	ng/ul	99
53) 2,4-Dinitrophenol	14.739	184	158776	36.369	ng/ul	96
55) 4-Nitrophenol	14.839	109	321943	34.036	ng/ul	98
56) Dibenzofuran	15.027	168	2641048	36.328	ng/ul	98
57) 2,4-Dinitrotoluene	14.992	165	618490	43.240	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.251	232	498032	37.855	ng/ul#	99
59) Diethylphthalate	15.451	149	2252865	37.188	ng/ul	99
61) Fluorene	15.674	166	2279776	36.819	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.668	204	1073271	36.244	ng/ul	99
63) 4-Nitroaniline	15.698	138	466726	40.709	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.751	198	290317	39.288	ng/ul	100
67) N-Nitrosodiphenylamine	15.880	169	1852267	37.997	ng/ul	99
68) 4-Bromophenyl-phenylether	16.557	248	589729	36.150	ng/ul	97
69) Hexachlorobenzene	16.668	284	678469	35.163	ng/ul	93
70) Atrazine	16.833	200	619937	36.039	ng/ul	98
71) Pentachlorophenol	17.015	266	382481	33.372	ng/ul	99
72) Phenanthrene	17.409	178	3428147	37.604	ng/ul	99
74) Anthracene	17.504	178	3431706	37.034	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.433	216	903443	39.910	ng/uL	99
76) Pentachlorobenzene	14.945	250	800237	32.684	ng/uL	98
77) Carbazole	17.768	167	3073117	35.820	ng/ul	100
78) Di-n-butylphthalate	18.333	149	3849433	39.587	ng/ul	100
80) Fluoranthene	19.415	202	3698982	45.825	ng/ul	100
82) Pyrene	19.780	202	3852029	45.083	ng/ul	99
83) Butylbenzylphthalate	20.674	149	1551529	47.921	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.450	252	980228	37.467	ng/ul	99
85) Benzo(a)anthracene	21.515	228	3190427	38.030	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.444	149	2403029	50.810	ng/ul	99
87) Chrysene	21.574	228	2997698	37.645	ng/ul	100
89) Di-n-octyl phthalate	22.386	149	3546266	54.726	ng/ul	100
90) Benzo(b)fluoranthene	23.221	252	2823342	41.422	ng/ul	99
91) Benzo(k)fluoranthene	23.274	252	2658014	39.027	ng/ul	98
93) Benzo(a)pyrene	23.862	252	2328341	38.858	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.503	276	2460685	35.166	ng/ul	95
95) Dibenzo(a,h)anthracene	26.521	278	2219018	34.968	ng/ul	99
96) Benzo(g,h,i)perylene	27.279	276	2149114	35.428	ng/ul	98

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

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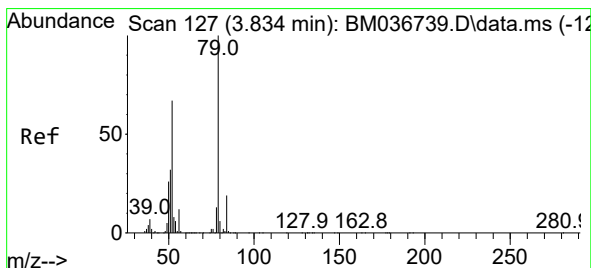
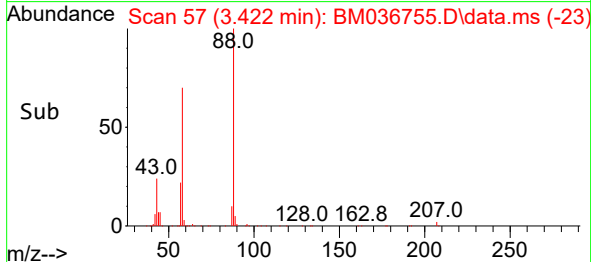
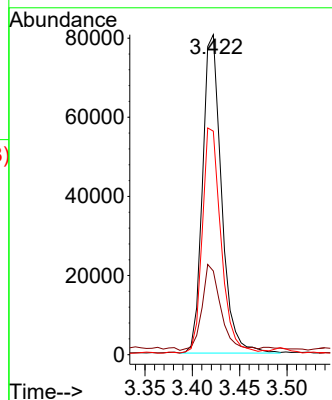
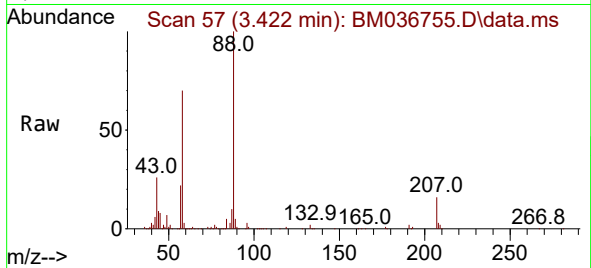




#2
1,4-Dioxane
Concen: 12.383 ng/uL
RT: 3.422 min Scan# 51
Delta R.T. 0.000 min
Lab File: BM036755.D
Acq: 26 Sep 2022 21:12

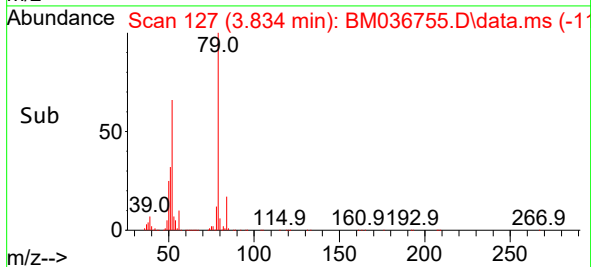
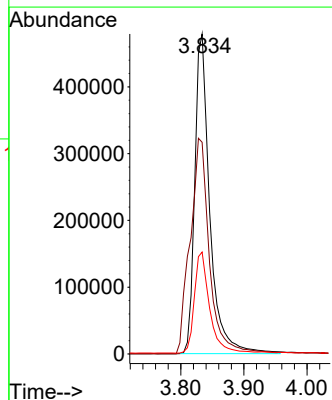
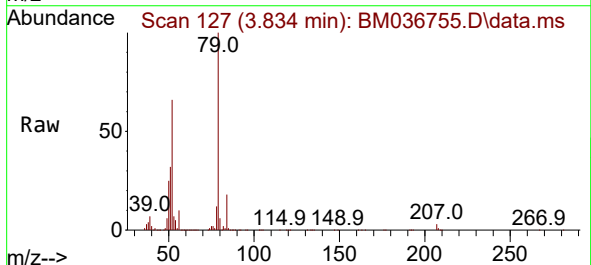
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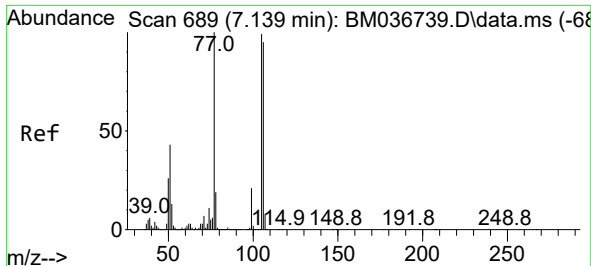
Tgt Ion: 88 Resp: 111801
Ion Ratio Lower Upper
88 100
43 26.2 23.1 34.7
58 69.8 56.6 85.0



#5
Pyridine
Concen: 32.303 ng/uL
RT: 3.834 min Scan# 127
Delta R.T. 0.000 min
Lab File: BM036755.D
Acq: 26 Sep 2022 21:12

Tgt Ion: 79 Resp: 793332
Ion Ratio Lower Upper
79 100
52 66.1 57.2 85.8
51 31.8 26.8 40.2

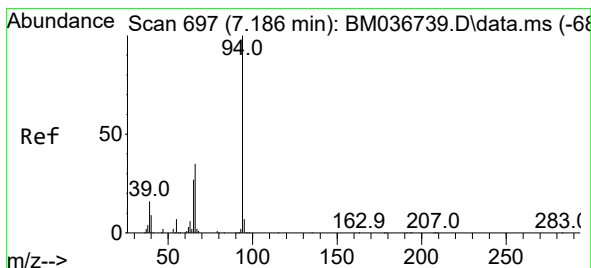
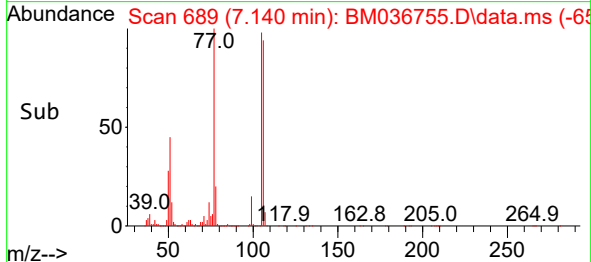
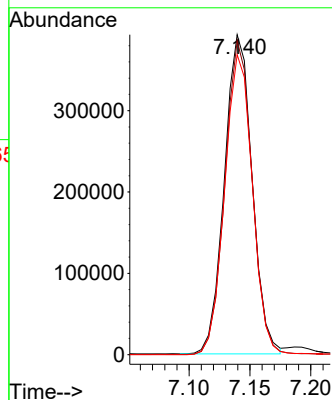
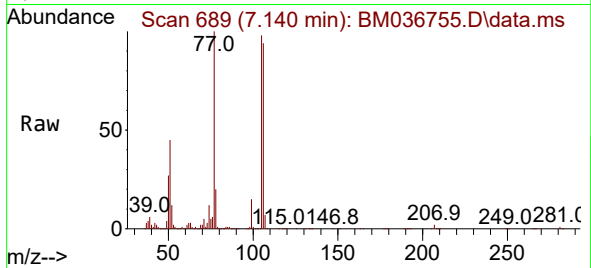




#6
Benzaldehyde
Concen: 45.685 ng/ul
RT: 7.140 min Scan# 689
Delta R.T. 0.000 min
Lab File: BM036755.D
Acq: 26 Sep 2022 21:12

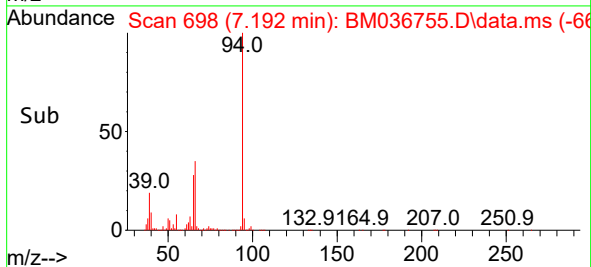
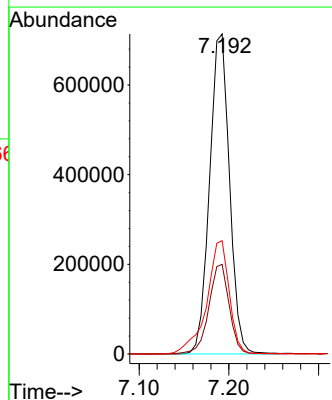
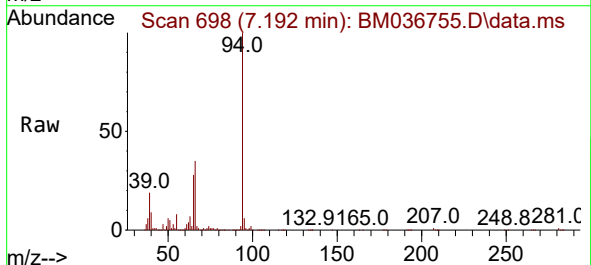
Instrument :
BNA_M
ClientSampleId :

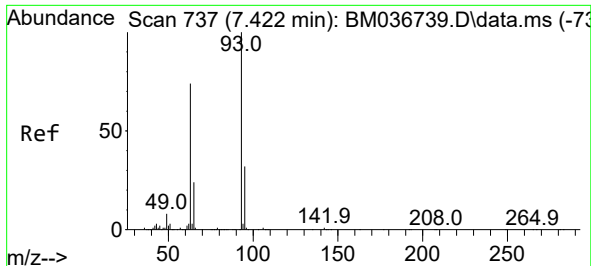
Tgt Ion: 77 Resp: 621187
Ion Ratio Lower Upper
77 100
105 98.1 75.1 112.7
106 93.8 73.0 109.6



#8
Phenol
Concen: 36.531 ng/ul
RT: 7.192 min Scan# 698
Delta R.T. 0.006 min
Lab File: BM036755.D
Acq: 26 Sep 2022 21:12

Tgt Ion: 94 Resp: 1100922
Ion Ratio Lower Upper
94 100
65 28.0 22.2 33.4
66 35.4 28.9 43.3

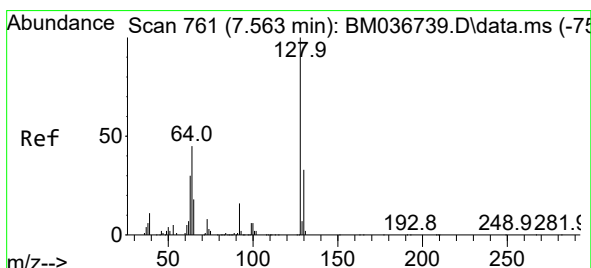
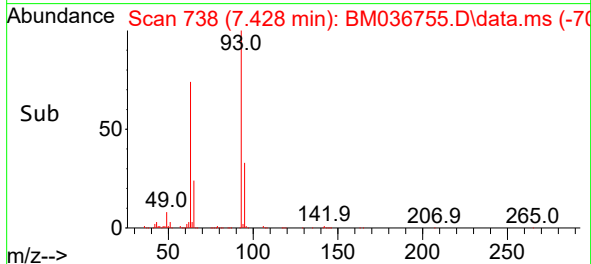
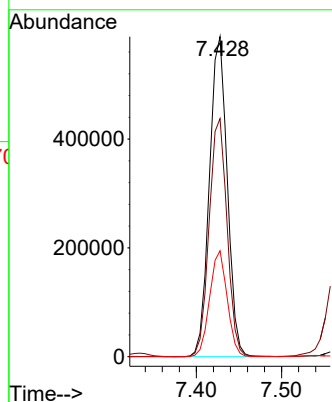
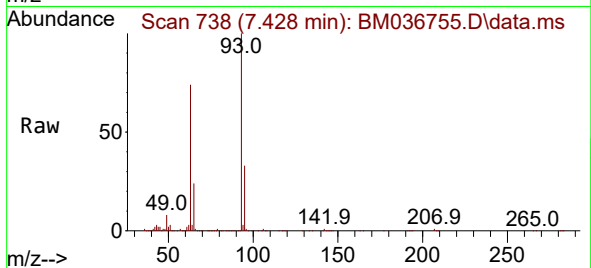




#10
Bis(2-Chloroethyl)ether
Concen: 36.477 ng/ul
RT: 7.428 min Scan# 738
Delta R.T. 0.006 min
Lab File: BM036755.D
Acq: 26 Sep 2022 21:12

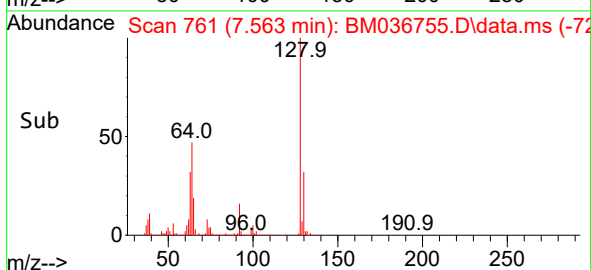
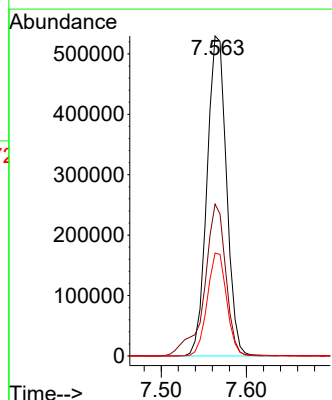
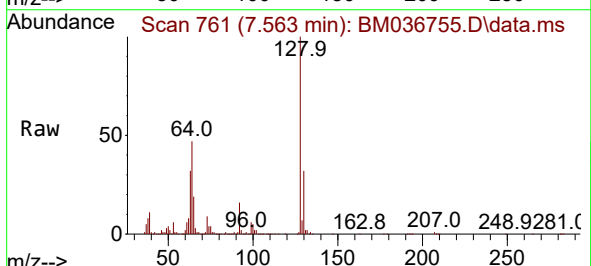
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ClientSampleId :

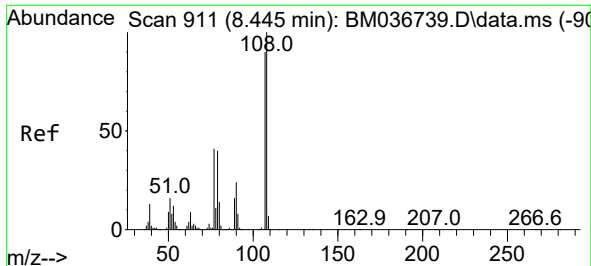
Tgt Ion: 93 Resp: 855311
Ion Ratio Lower Upper
93 100
63 74.4 59.1 88.7
95 33.1 26.1 39.1



#12
2-Chlorophenol
Concen: 38.552 ng/ul
RT: 7.563 min Scan# 761
Delta R.T. 0.000 min
Lab File: BM036755.D
Acq: 26 Sep 2022 21:12

Tgt Ion: 128 Resp: 843055
Ion Ratio Lower Upper
128 100
64 47.5 37.8 56.8
130 32.2 26.0 39.0

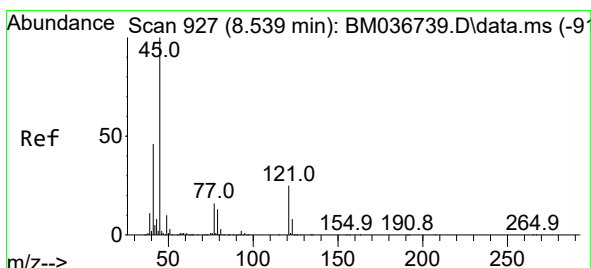
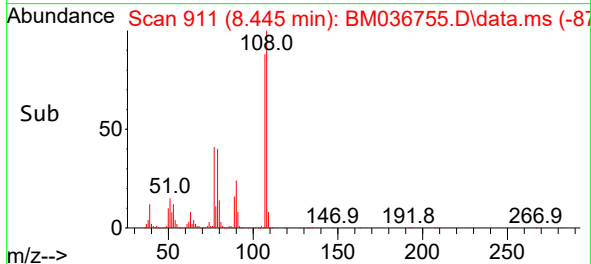
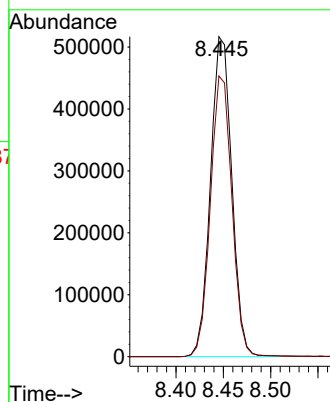
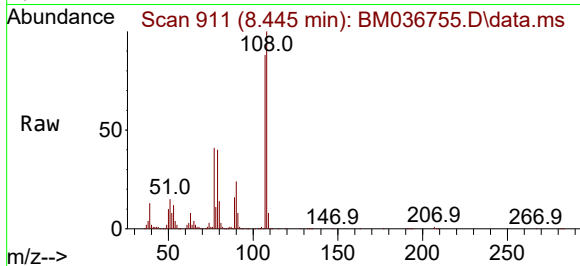




#13
2-Methylphenol
Concen: 36.535 ng/ul
RT: 8.445 min Scan# 911
Delta R.T. 0.000 min
Lab File: BM036755.D
Acq: 26 Sep 2022 21:12

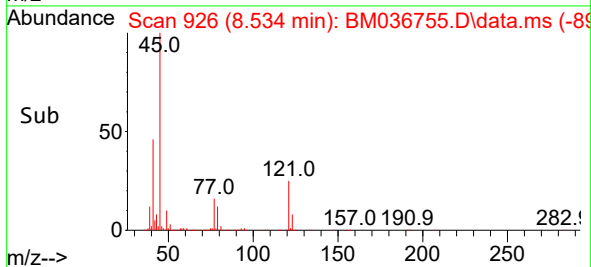
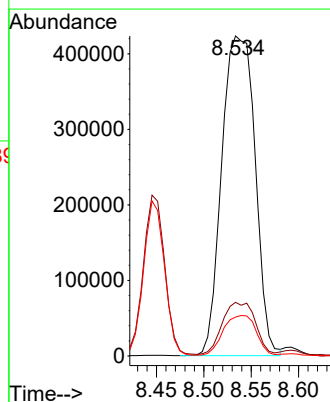
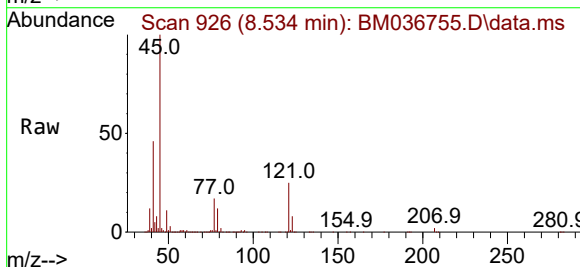
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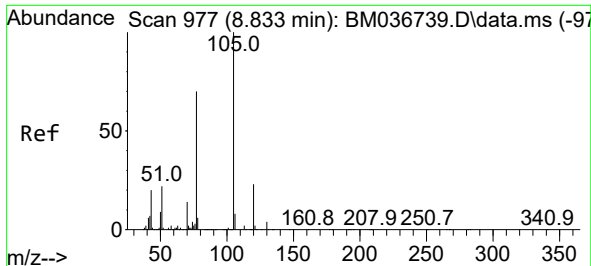
Tgt Ion:108 Resp: 809296
Ion Ratio Lower Upper
108 100
107 87.7 70.7 106.1



#14
2,2'-oxybis(1-Chloropropane)
Concen: 37.305 ng/ul
RT: 8.534 min Scan# 926
Delta R.T. -0.006 min
Lab File: BM036755.D
Acq: 26 Sep 2022 21:12

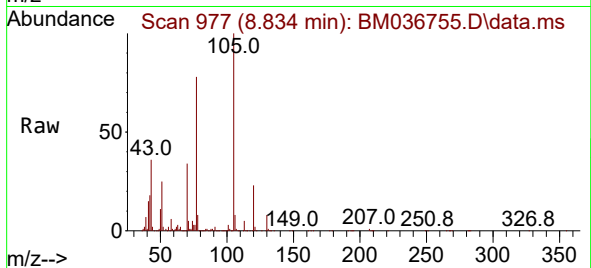
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Ion Ratio Lower Upper
45 100
77 16.7 13.1 19.7
79 12.2 9.5 14.3



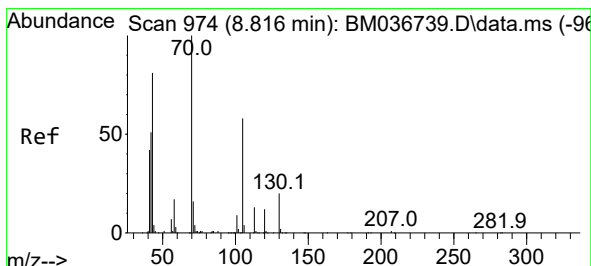
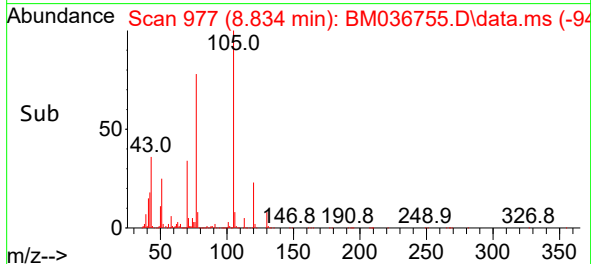
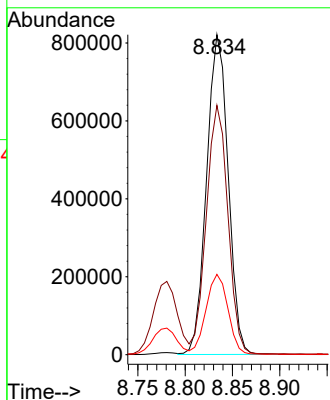


#16
Acetophenone
Concen: 36.103 ng/ul
RT: 8.834 min Scan# 91
Delta R.T. 0.000 min
Lab File: BM036755.D
Acq: 26 Sep 2022 21:12

Instrument :
BNA_M
ClientSampleId :

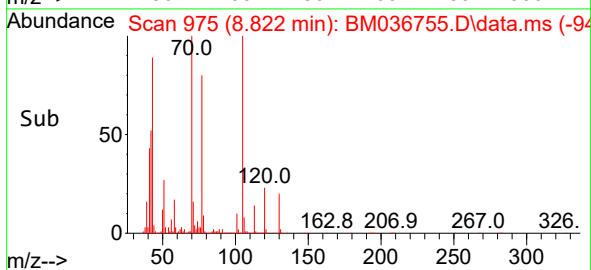
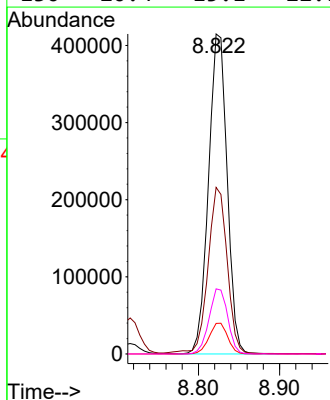
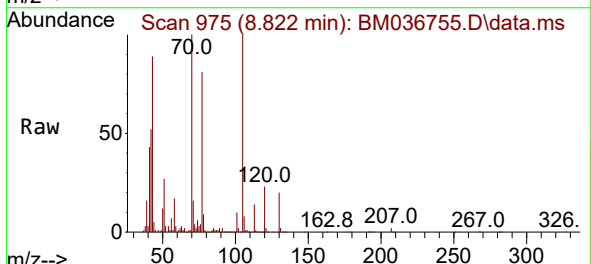


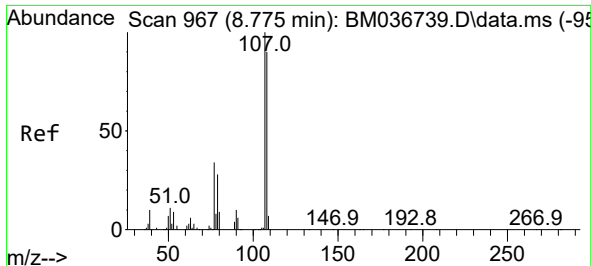
Tgt Ion:105 Resp: 1299263
Ion Ratio Lower Upper
105 100
77 77.9 61.6 92.4
51 25.1 20.5 30.7



#17
N-Nitroso-di-n-propylamine
Concen: 38.120 ng/ul
RT: 8.822 min Scan# 975
Delta R.T. 0.006 min
Lab File: BM036755.D
Acq: 26 Sep 2022 21:12

Tgt Ion: 70 Resp: 661941
Ion Ratio Lower Upper
70 100
42 52.1 43.0 64.4
101 9.6 7.7 11.5
130 20.4 15.1 22.7

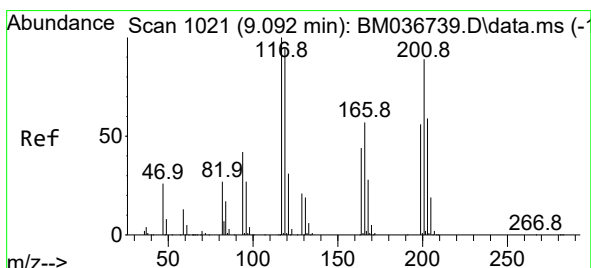
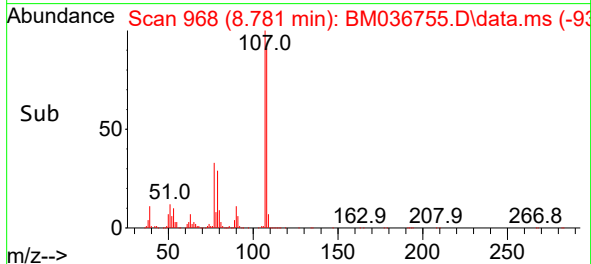
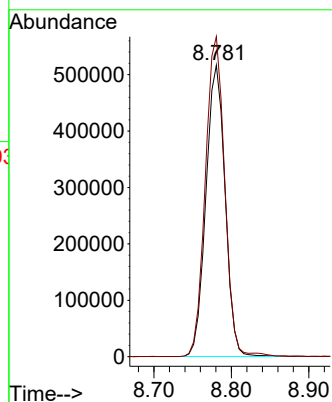
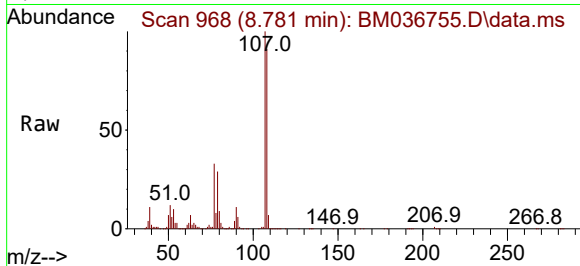




#18
4-Methylphenol
Concen: 37.172 ng/ul
RT: 8.781 min Scan# 90
Delta R.T. 0.006 min
Lab File: BM036755.D
Acq: 26 Sep 2022 21:12

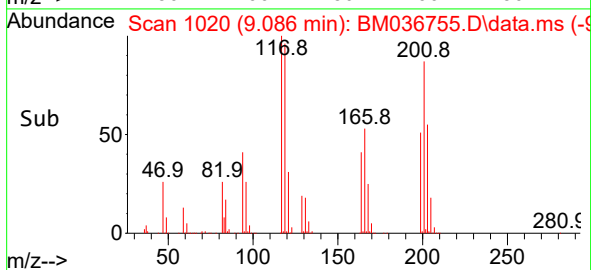
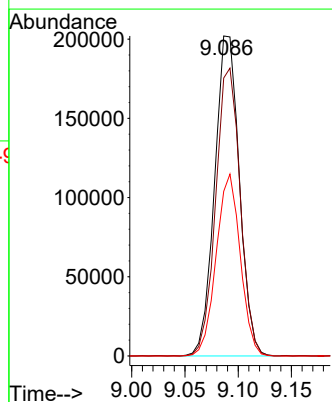
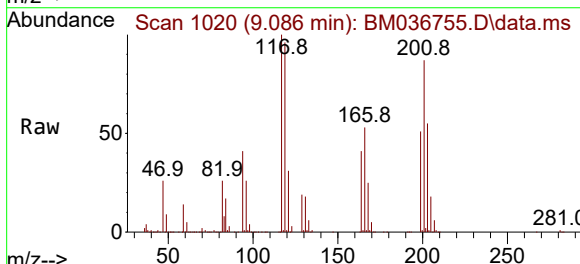
Instrument :
BNA_M
ClientSampleId :

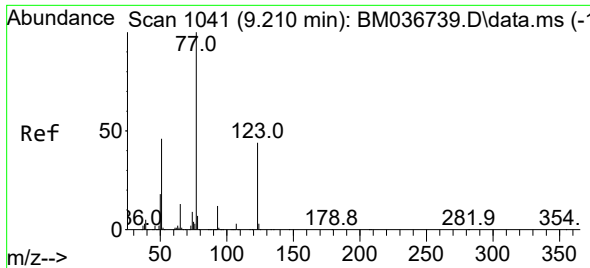
Tgt Ion:108 Resp: 890405
Ion Ratio Lower Upper
108 100
107 109.7 89.4 134.0



#19
Hexachloroethane
Concen: 36.882 ng/ul
RT: 9.086 min Scan# 1020
Delta R.T. -0.006 min
Lab File: BM036755.D
Acq: 26 Sep 2022 21:12

Tgt Ion:117 Resp: 326682
Ion Ratio Lower Upper
117 100
201 86.9 68.7 103.1
199 52.8 43.0 64.6

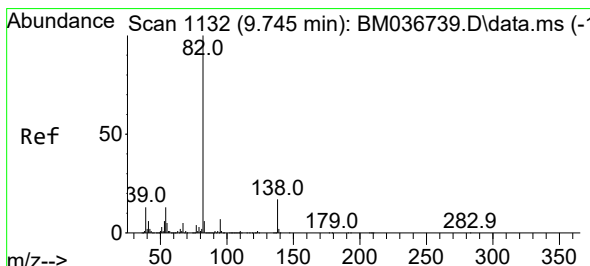
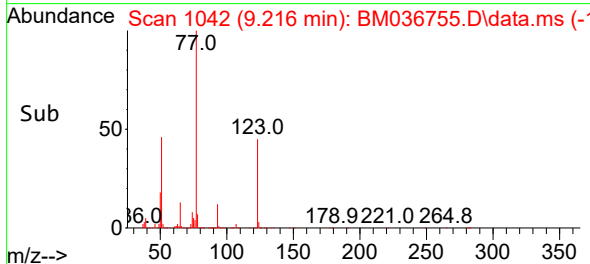
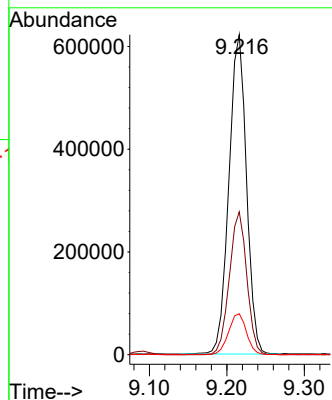
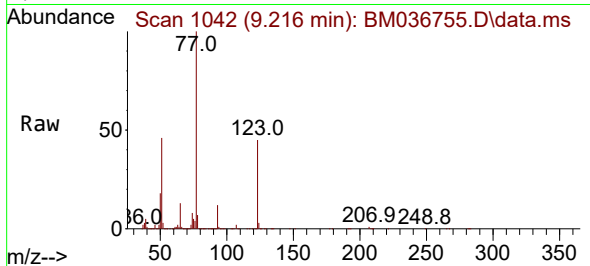




#22
Nitrobenzene
Concen: 39.870 ng/ul
RT: 9.216 min Scan# 1042
Delta R.T. 0.006 min
Lab File: BM036755.D
Acq: 26 Sep 2022 21:12

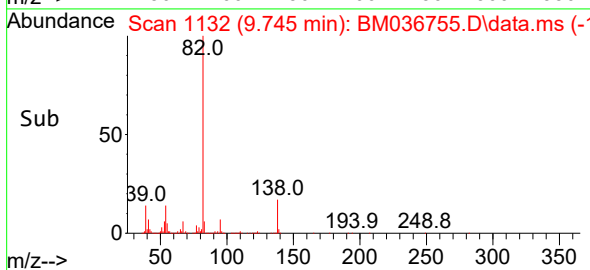
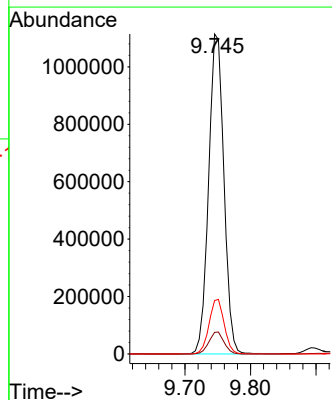
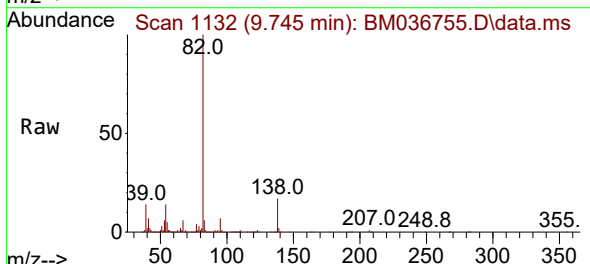
Instrument :
BNA_M
ClientSampleId :

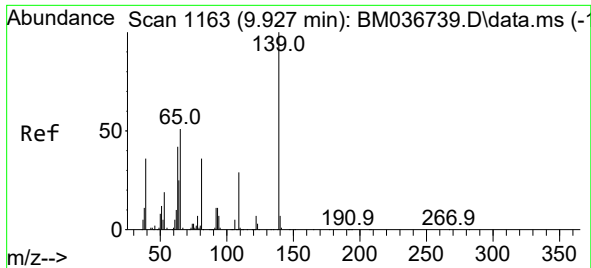
Tgt Ion: 77 Resp: 981694
Ion Ratio Lower Upper
77 100
123 44.7 34.9 52.3
65 12.8 10.7 16.1



#23
Isophorone
Concen: 36.012 ng/ul
RT: 9.745 min Scan# 1132
Delta R.T. 0.000 min
Lab File: BM036755.D
Acq: 26 Sep 2022 21:12

Tgt Ion: 82 Resp: 1807944
Ion Ratio Lower Upper
82 100
95 6.7 5.4 8.2
138 16.7 13.5 20.3

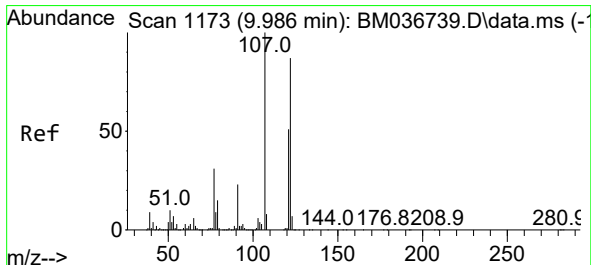
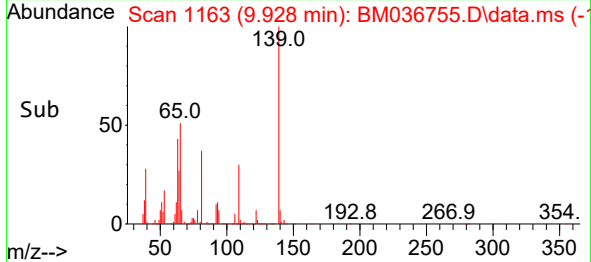
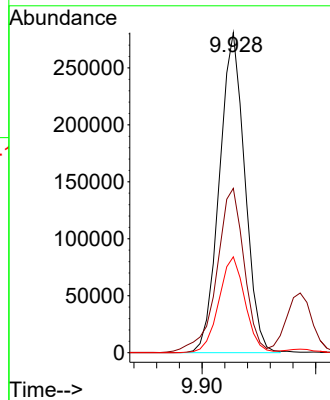
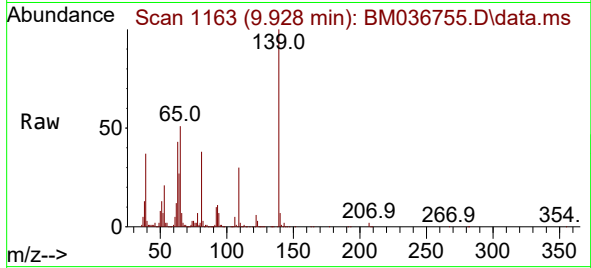




#25
2-Nitrophenol
Concen: 42.612 ng/ul
RT: 9.928 min Scan# 1163
Delta R.T. 0.000 min
Lab File: BM036755.D
Acq: 26 Sep 2022 21:12

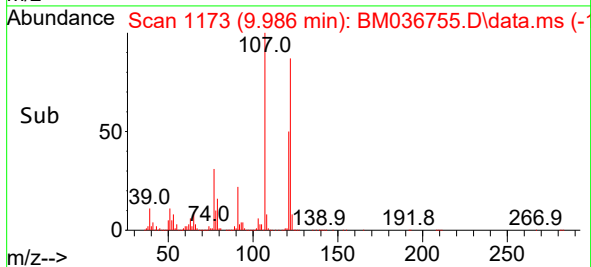
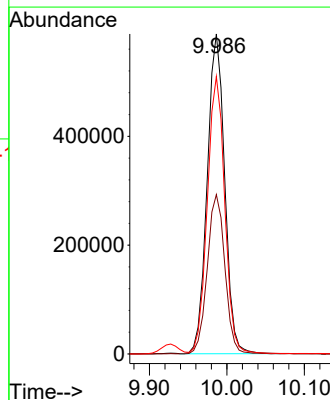
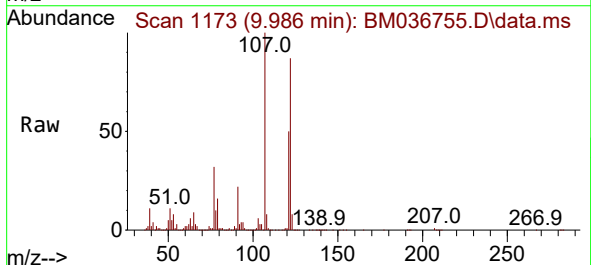
Instrument :
BNA_M
ClientSampleId :

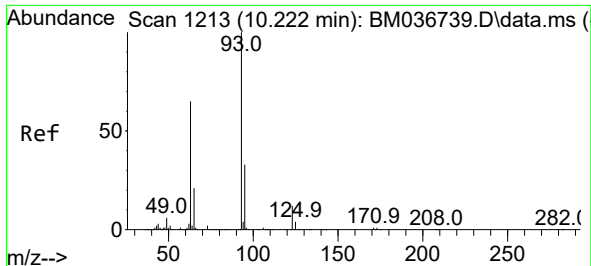
Tgt Ion:139 Resp: 437197
Ion Ratio Lower Upper
139 100
65 51.3 40.9 61.3
109 30.0 23.9 35.9



#26
2,4-Dimethylphenol
Concen: 36.338 ng/ul
RT: 9.986 min Scan# 1173
Delta R.T. 0.000 min
Lab File: BM036755.D
Acq: 26 Sep 2022 21:12

Tgt Ion:107 Resp: 919544
Ion Ratio Lower Upper
107 100
121 49.8 39.4 59.2
122 86.7 69.1 103.7





#27

Bis(2-Chloroethoxy)methane

Concen: 37.371 ng/ul

RT: 10.228 min Scan# 11

Delta R.T. 0.006 min

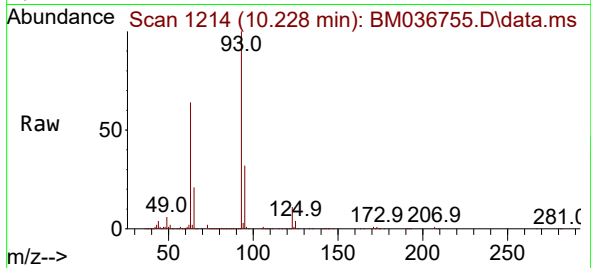
Lab File: BM036755.D

Acq: 26 Sep 2022 21:12

Instrument :

BNA_M

ClientSampleId :



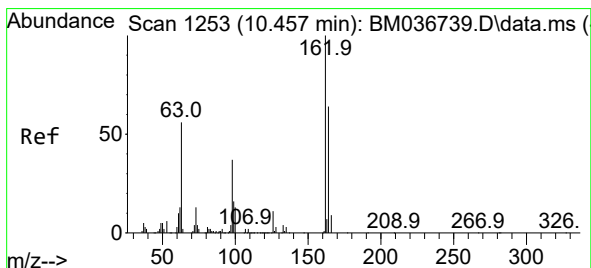
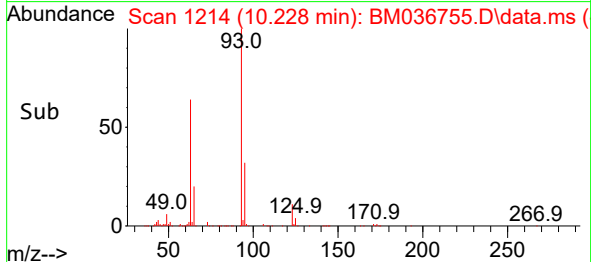
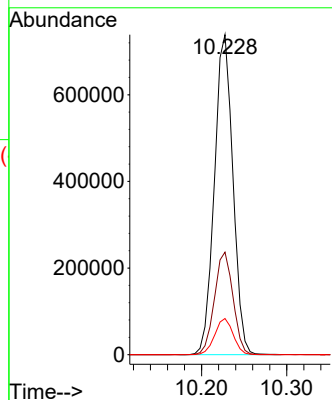
Tgt Ion: 93 Resp: 1118269

Ion Ratio Lower Upper

93 100

95 32.0 26.2 39.4

123 11.3 9.2 13.8



#29

2,4-Dichlorophenol

Concen: 38.183 ng/ul

RT: 10.463 min Scan# 1254

Delta R.T. 0.006 min

Lab File: BM036755.D

Acq: 26 Sep 2022 21:12

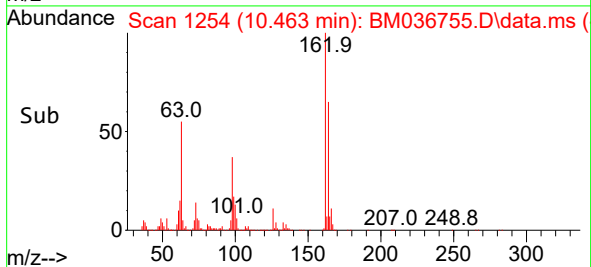
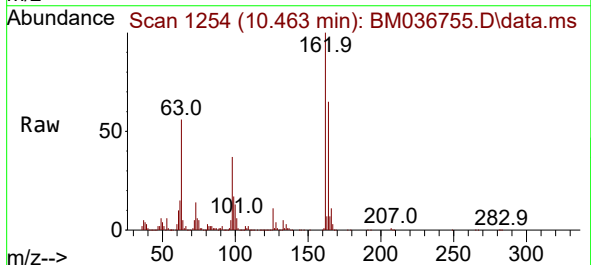
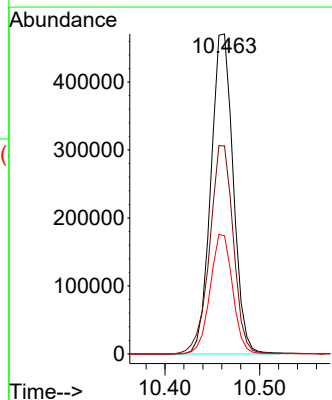
Tgt Ion:162 Resp: 772750

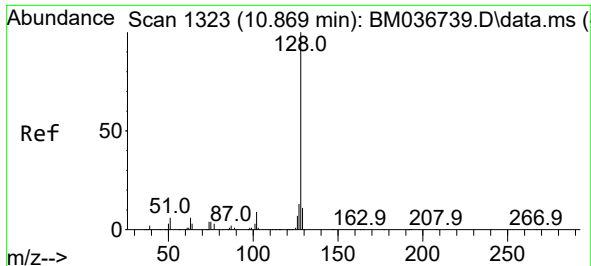
Ion Ratio Lower Upper

162 100

164 65.0 52.1 78.1

98 37.0 29.1 43.7

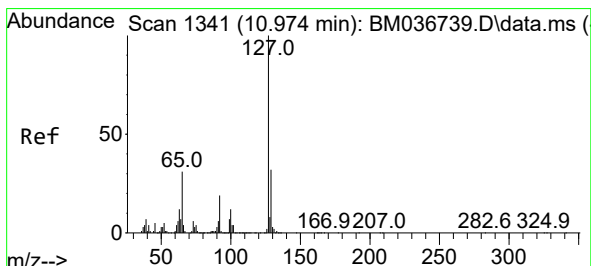
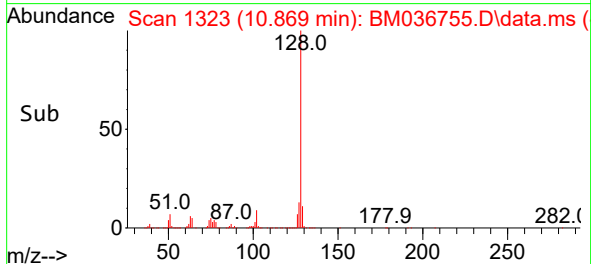
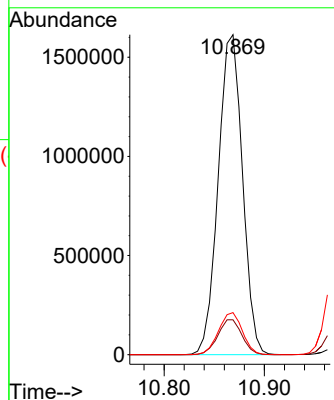
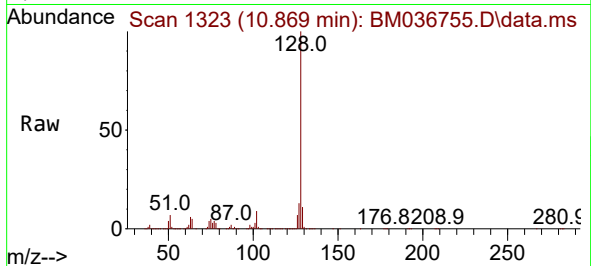




#30
Naphthalene
Concen: 36.362 ng/ul
RT: 10.869 min Scan# 1323
Delta R.T. 0.000 min
Lab File: BM036755.D
Acq: 26 Sep 2022 21:12

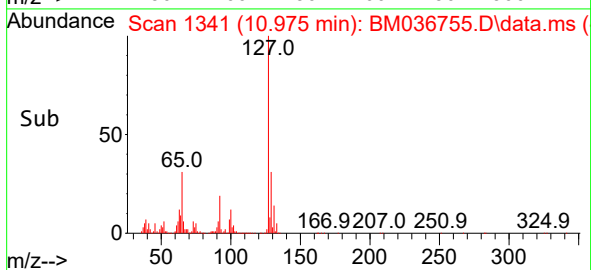
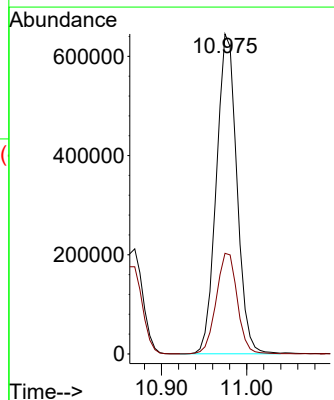
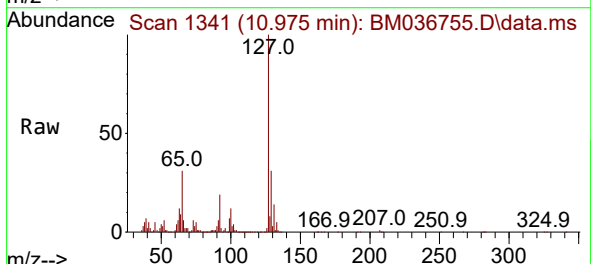
Instrument :
BNA_M
ClientSampleId :

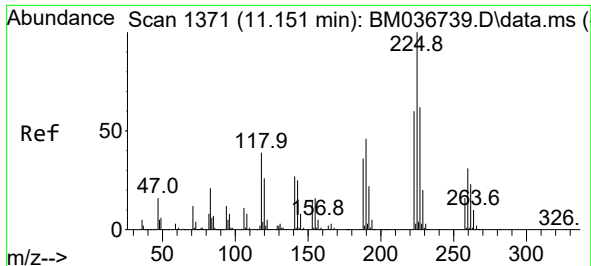
Tgt Ion:128 Resp: 2714100
Ion Ratio Lower Upper
128 100
129 10.9 8.7 13.1
127 13.1 10.3 15.5



#32
4-Chloroaniline
Concen: 32.589 ng/ul
RT: 10.975 min Scan# 1341
Delta R.T. 0.000 min
Lab File: BM036755.D
Acq: 26 Sep 2022 21:12

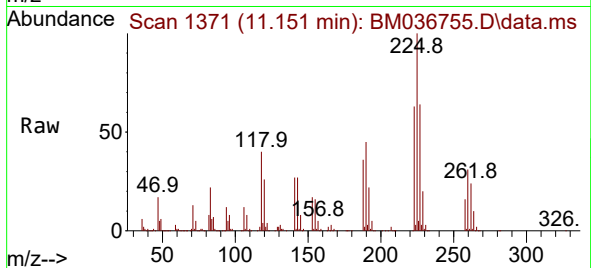
Tgt Ion:127 Resp: 1076894
Ion Ratio Lower Upper
127 100
129 31.5 25.4 38.2



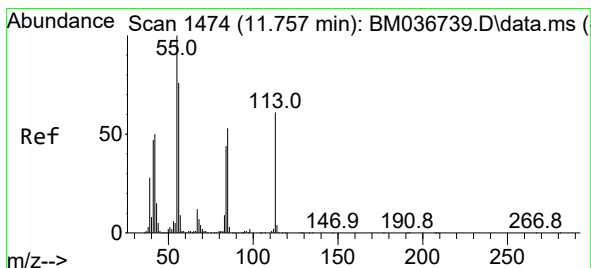
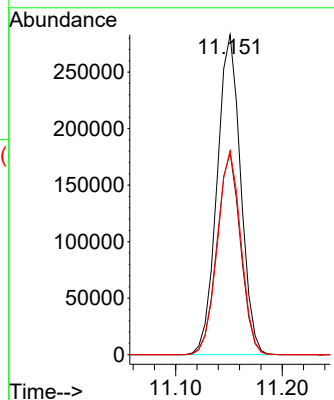
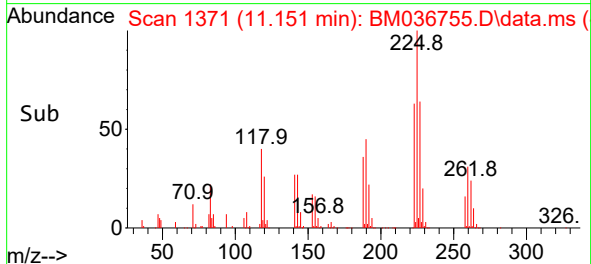


#33
Hexachlorobutadiene
Concen: 35.111 ng/ul
RT: 11.151 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM036755.D
Acq: 26 Sep 2022 21:12

Instrument :
BNA_M
ClientSampleId :

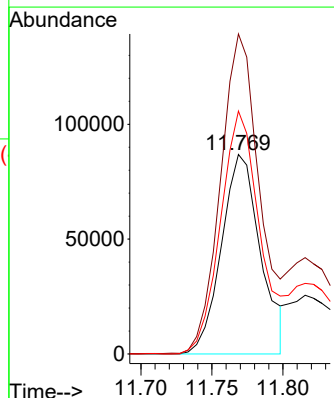
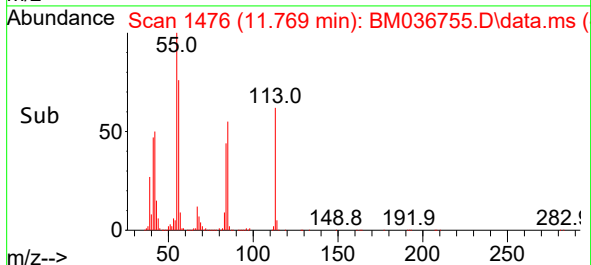
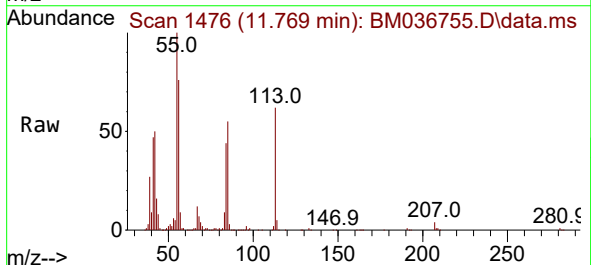


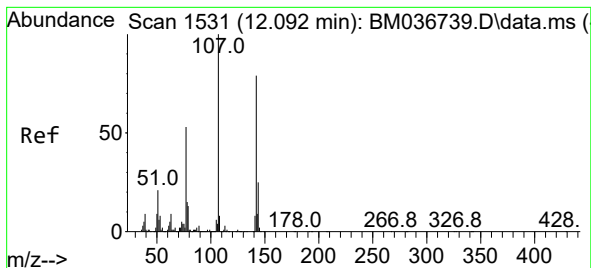
Tgt Ion:225 Resp: 434600
Ion Ratio Lower Upper
225 100
223 63.1 49.8 74.8
227 63.7 51.0 76.6



#34
Caprolactam
Concen: 25.232 ng/ul
RT: 11.769 min Scan# 1476
Delta R.T. 0.012 min
Lab File: BM036755.D
Acq: 26 Sep 2022 21:12

Tgt Ion:113 Resp: 165645
Ion Ratio Lower Upper
113 100
55 160.4 127.5 191.3
56 121.8 94.6 142.0

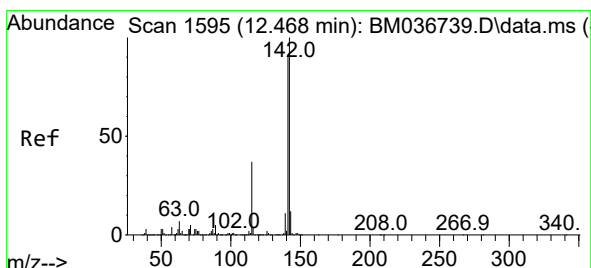
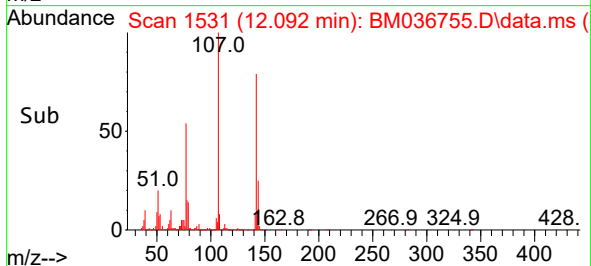
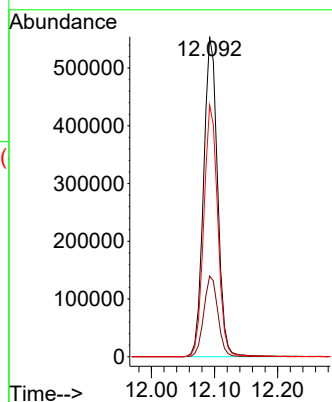
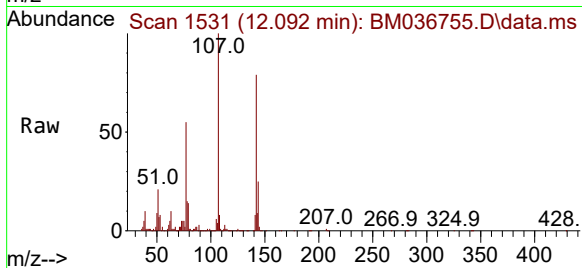




#35
4-Chloro-3-methylphenol
Concen: 38.240 ng/ul
RT: 12.092 min Scan# 1531
Delta R.T. 0.000 min
Lab File: BM036755.D
Acq: 26 Sep 2022 21:12

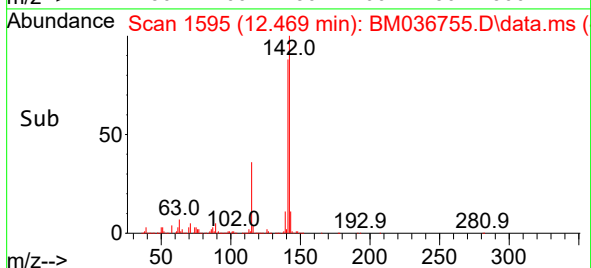
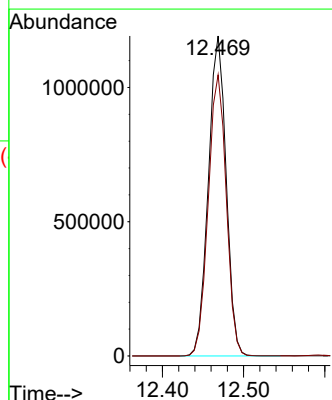
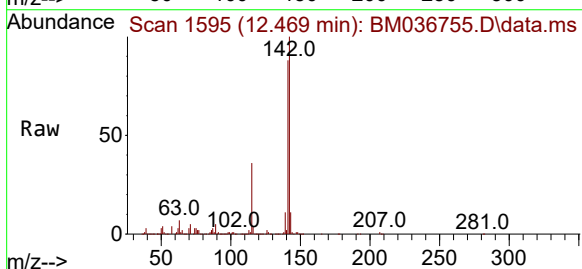
Instrument :
BNA_M
ClientSampleId :

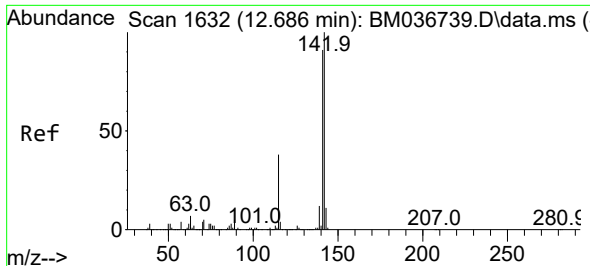
Tgt Ion:107 Resp: 854302
Ion Ratio Lower Upper
107 100
144 25.2 21.5 32.3
142 78.6 63.9 95.9



#36
2-Methylnaphthalene
Concen: 36.412 ng/ul
RT: 12.469 min Scan# 1595
Delta R.T. 0.000 min
Lab File: BM036755.D
Acq: 26 Sep 2022 21:12

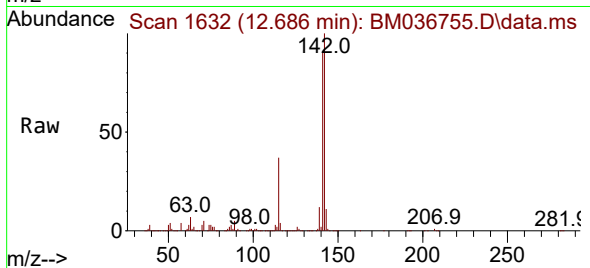
Tgt Ion:142 Resp: 1810767
Ion Ratio Lower Upper
142 100
141 87.8 70.7 106.1



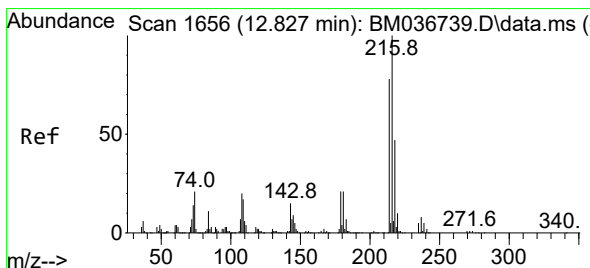
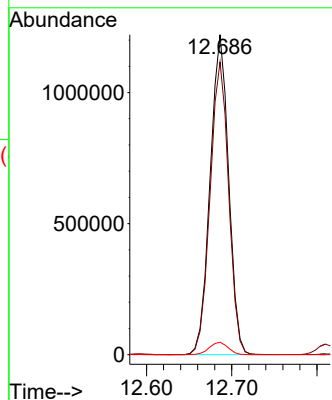
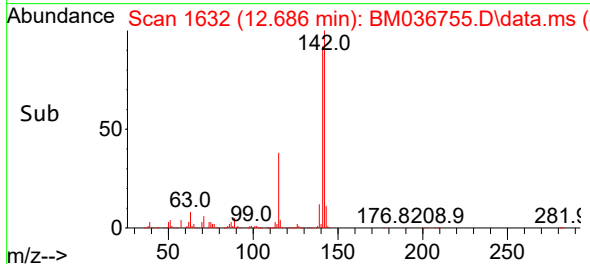


#37
1-Methylnaphthalene
Concen: 36.659 ng/ul
RT: 12.686 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM036755.D
Acq: 26 Sep 2022 21:12

Instrument :
BNA_M
ClientSampleId :

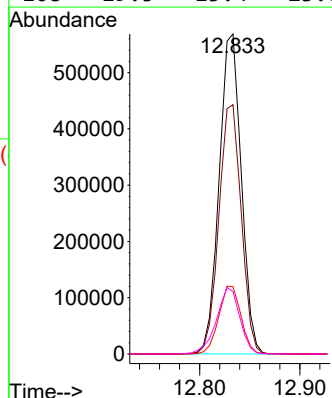
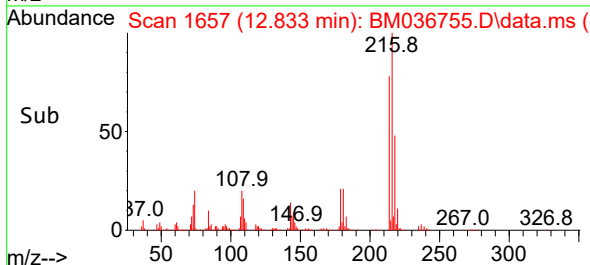
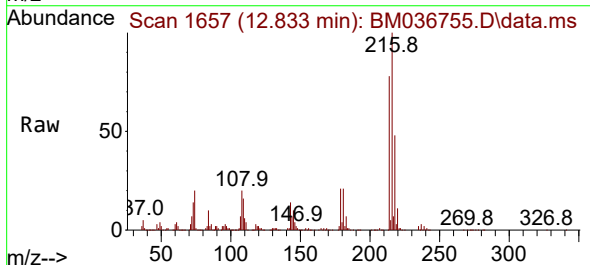


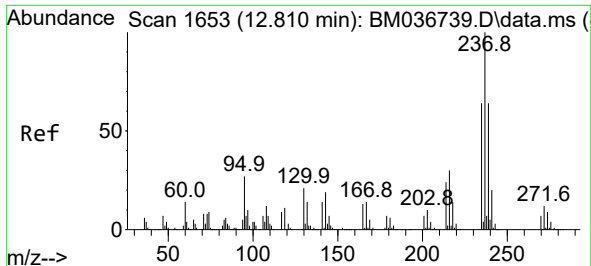
Tgt Ion:142 Resp: 1832757
Ion Ratio Lower Upper
142 100
141 91.5 73.4 110.2
116 3.9 3.1 4.7



#39
1,2,4,5-Tetrachlorobenzene
Concen: 36.386 ng/ul
RT: 12.833 min Scan# 1657
Delta R.T. 0.006 min
Lab File: BM036755.D
Acq: 26 Sep 2022 21:12

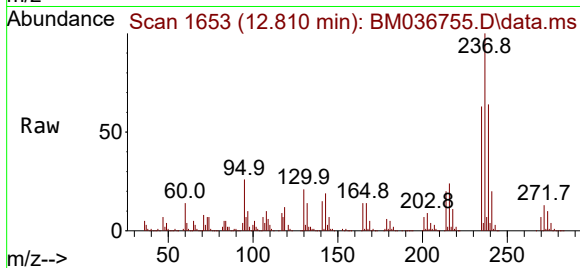
Tgt Ion:216 Resp: 871140
Ion Ratio Lower Upper
216 100
214 77.9 62.4 93.6
179 21.0 16.7 25.1
108 19.5 15.4 23.0



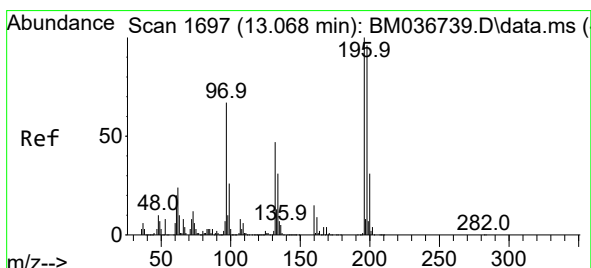
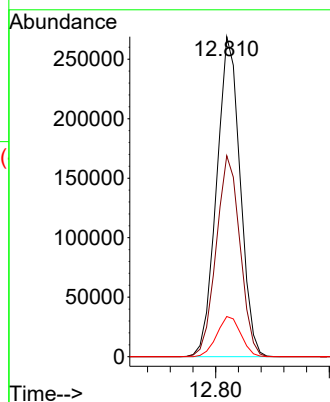
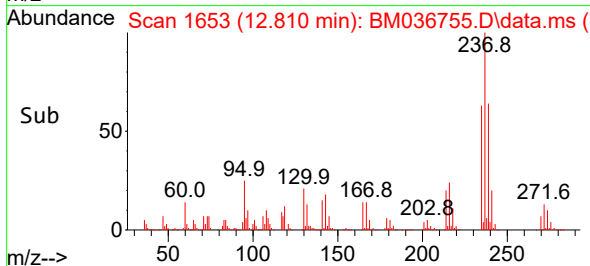


#40
Hexachlorocyclopentadiene
Concen: 30.998 ng/ul
RT: 12.810 min Scan# 1653
Delta R.T. 0.000 min
Lab File: BM036755.D
Acq: 26 Sep 2022 21:12

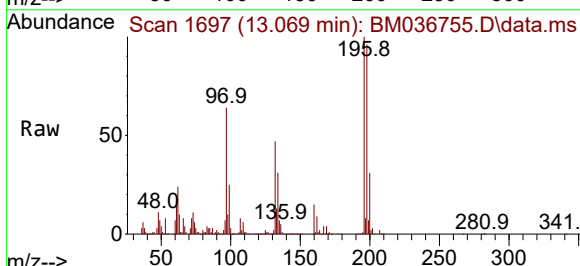
Instrument :
BNA_M
ClientSampleId :



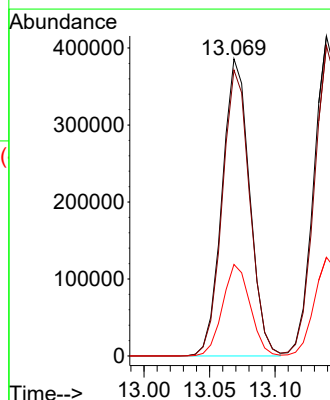
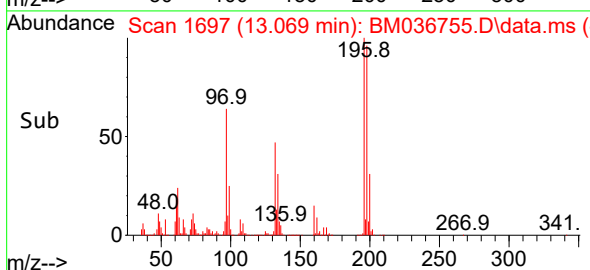
Tgt Ion:237 Resp: 386773
Ion Ratio Lower Upper
237 100
235 62.8 50.9 76.3
272 13.3 10.3 15.5

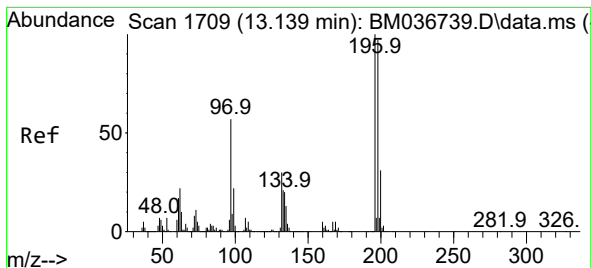


#41
2,4,6-Trichlorophenol
Concen: 38.471 ng/ul
RT: 13.069 min Scan# 1697
Delta R.T. 0.000 min
Lab File: BM036755.D
Acq: 26 Sep 2022 21:12



Tgt Ion:196 Resp: 563956
Ion Ratio Lower Upper
196 100
198 96.3 77.3 115.9
200 30.8 25.2 37.8





#42

2,4,5-Trichlorophenol

Concen: 39.120 ng/ul

RT: 13.139 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM036755.D

Acq: 26 Sep 2022 21:12

Instrument :

BNA_M

ClientSampleId :

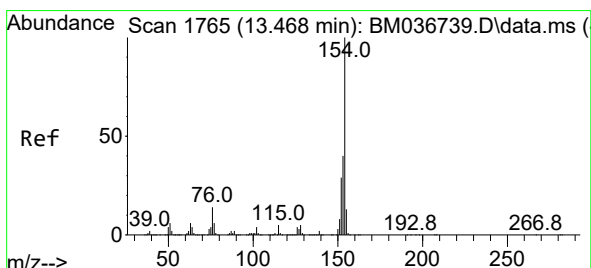
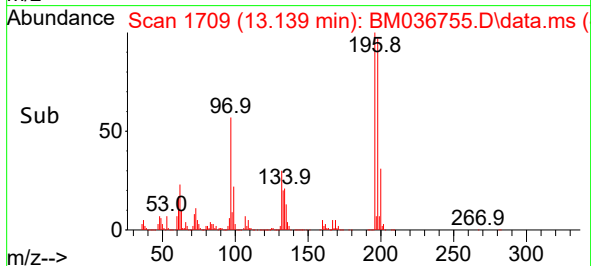
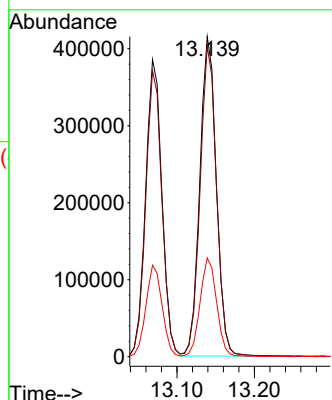
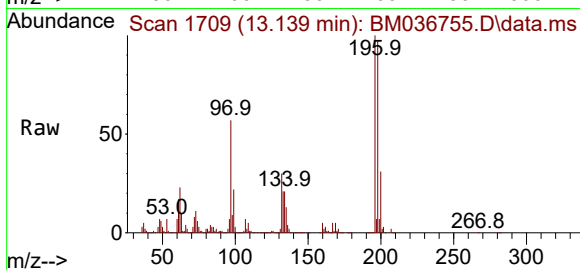
Tgt Ion:196 Resp: 614845

Ion Ratio Lower Upper

196 100

198 97.0 75.6 113.4

200 30.9 24.7 37.1



#43

1,1'-Biphenyl

Concen: 37.022 ng/ul

RT: 13.469 min Scan# 1765

Delta R.T. 0.000 min

Lab File: BM036755.D

Acq: 26 Sep 2022 21:12

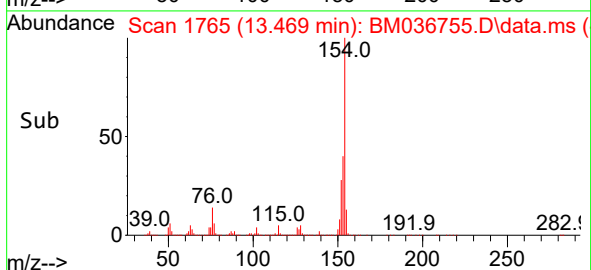
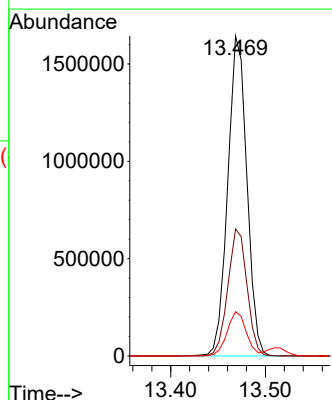
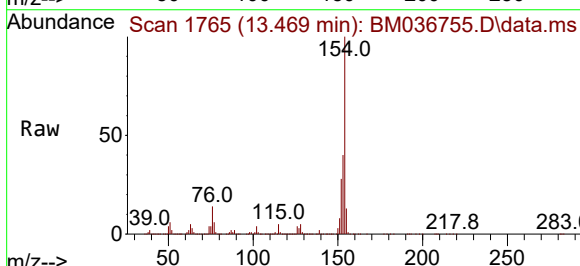
Tgt Ion:154 Resp: 2308518

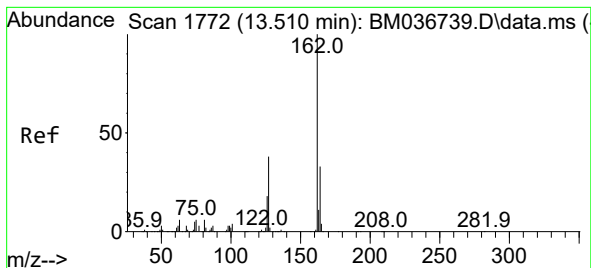
Ion Ratio Lower Upper

154 100

153 39.7 31.4 47.2

76 13.9 10.4 15.6





#44

2-Chloronaphthalene

Concen: 36.461 ng/ul

RT: 13.510 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM036755.D

Acq: 26 Sep 2022 21:12

Instrument :

BNA_M

ClientSampleId :

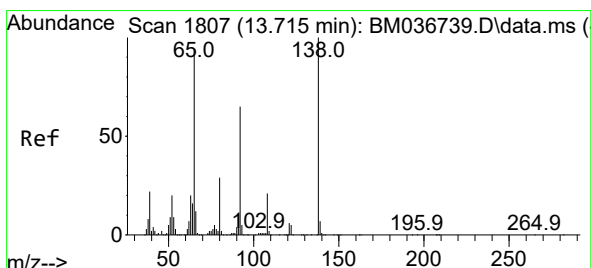
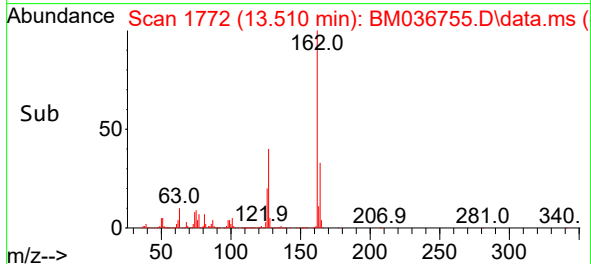
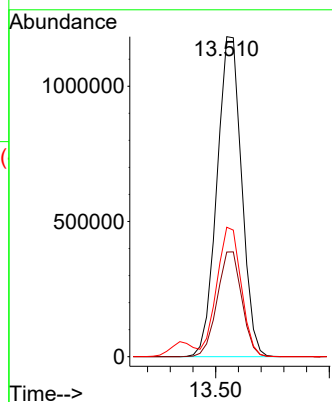
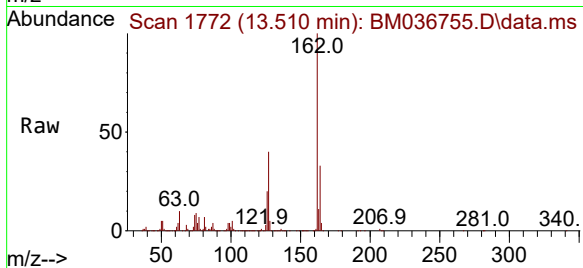
Tgt Ion:162 Resp: 1784022

Ion Ratio Lower Upper

162 100

164 32.7 26.2 39.2

127 40.5 32.6 49.0



#45

2-Nitroaniline

Concen: 44.515 ng/ul

RT: 13.716 min Scan# 1807

Delta R.T. 0.000 min

Lab File: BM036755.D

Acq: 26 Sep 2022 21:12

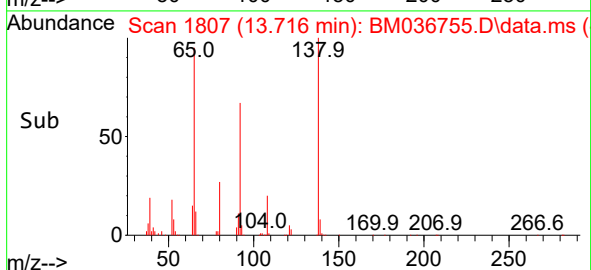
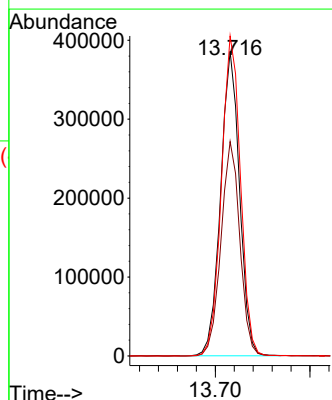
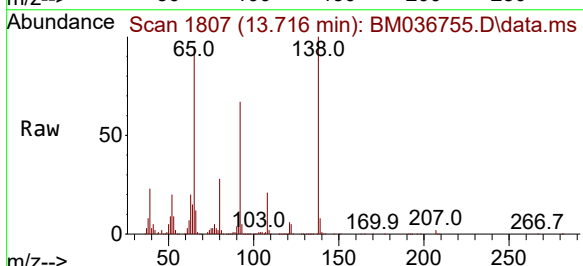
Tgt Ion: 65 Resp: 536110

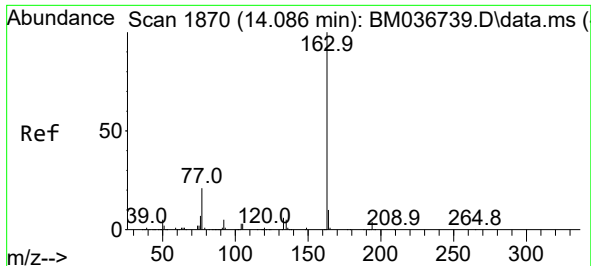
Ion Ratio Lower Upper

65 100

92 70.4 54.4 81.6

138 105.0 86.1 129.1

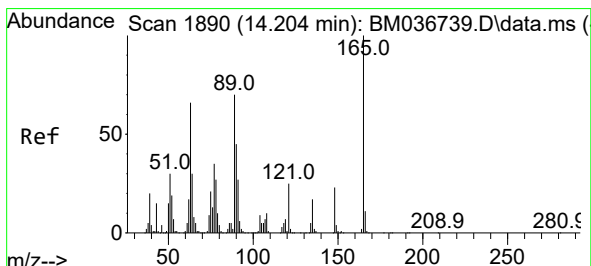
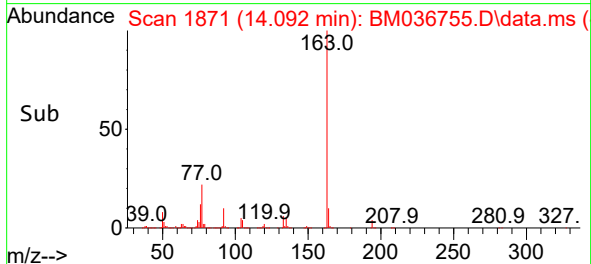
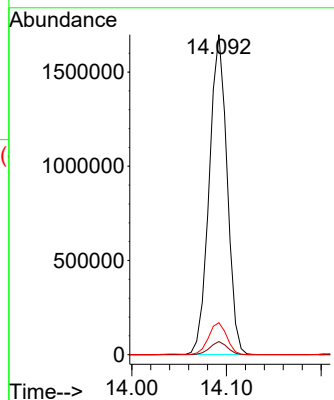
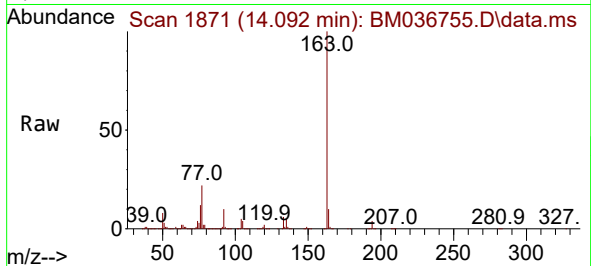




#47
Dimethylphthalate
Concen: 36.672 ng/ul
RT: 14.092 min Scan# 1871
Delta R.T. 0.006 min
Lab File: BM036755.D
Acq: 26 Sep 2022 21:12

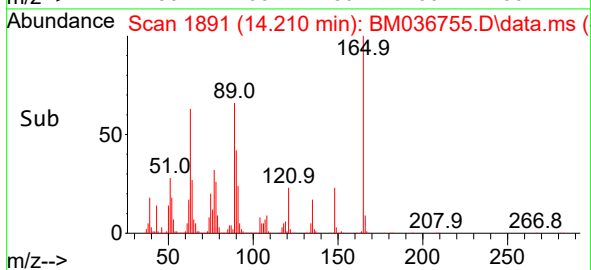
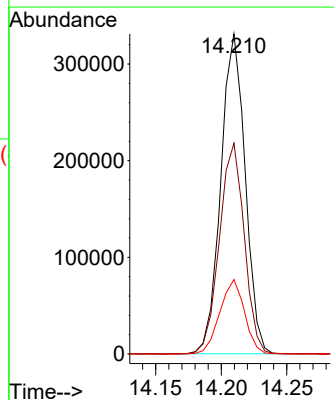
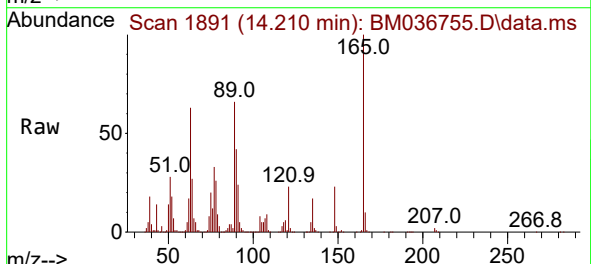
Instrument :
BNA_M
ClientSampleId :

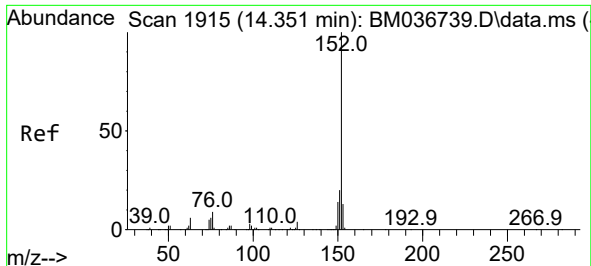
Tgt Ion:163 Resp: 2219272
Ion Ratio Lower Upper
163 100
194 4.1 3.0 4.6
164 10.0 8.3 12.5



#48
2,6-Dinitrotoluene
Concen: 43.413 ng/ul
RT: 14.210 min Scan# 1891
Delta R.T. 0.006 min
Lab File: BM036755.D
Acq: 26 Sep 2022 21:12

Tgt Ion:165 Resp: 427141
Ion Ratio Lower Upper
165 100
89 65.8 52.8 79.2
121 23.3 19.4 29.0

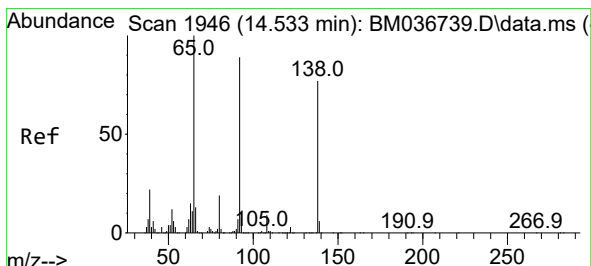
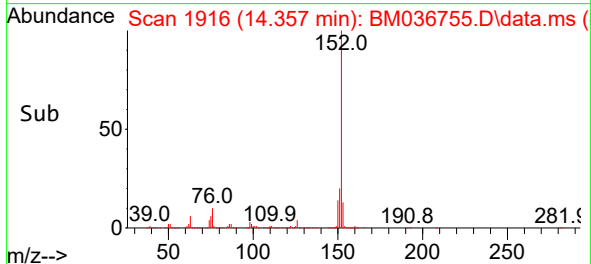
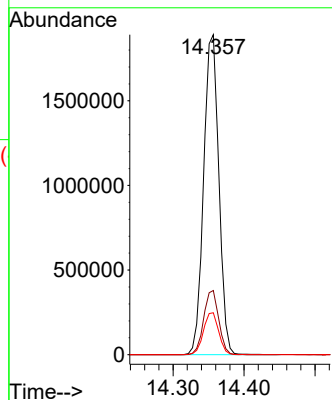
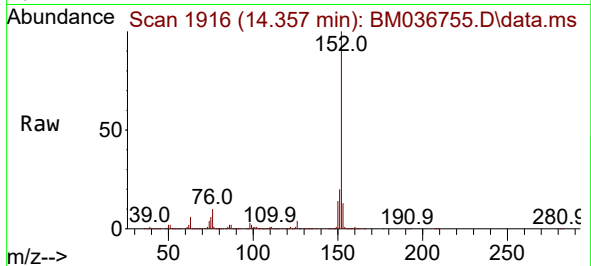




#50
Acenaphthylene
Concen: 36.408 ng/ul
RT: 14.357 min Scan# 1915
Delta R.T. 0.006 min
Lab File: BM036755.D
Acq: 26 Sep 2022 21:12

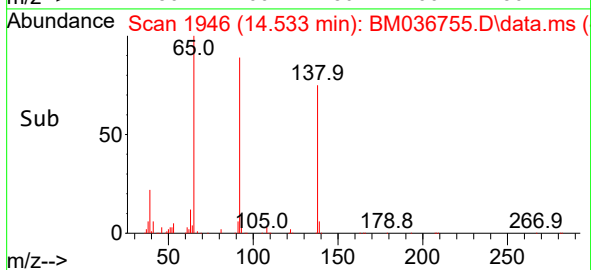
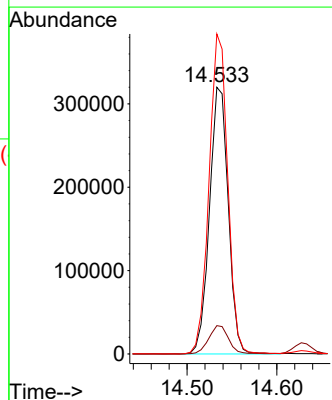
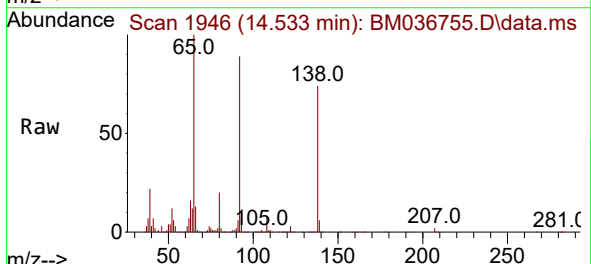
Instrument :
BNA_M
ClientSampleId :

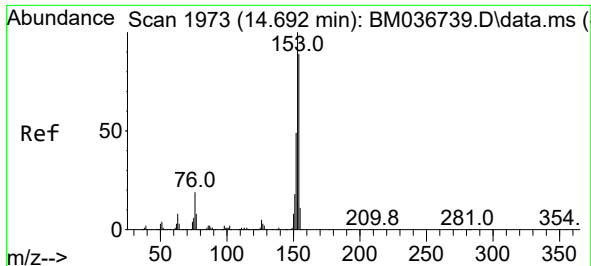
Tgt Ion:152 Resp: 2816848
Ion Ratio Lower Upper
152 100
151 20.1 15.7 23.5
153 13.1 10.5 15.7



#51
3-Nitroaniline
Concen: 39.444 ng/ul
RT: 14.533 min Scan# 1946
Delta R.T. 0.000 min
Lab File: BM036755.D
Acq: 26 Sep 2022 21:12

Tgt Ion:138 Resp: 465445
Ion Ratio Lower Upper
138 100
108 10.6 12.5 18.7#
92 120.0 95.4 143.2

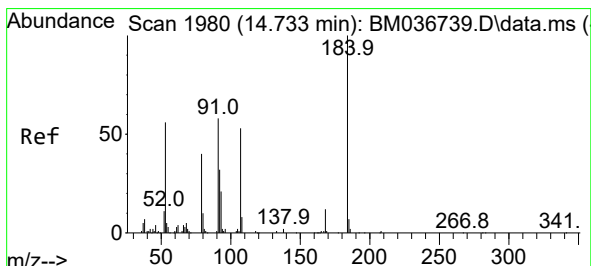
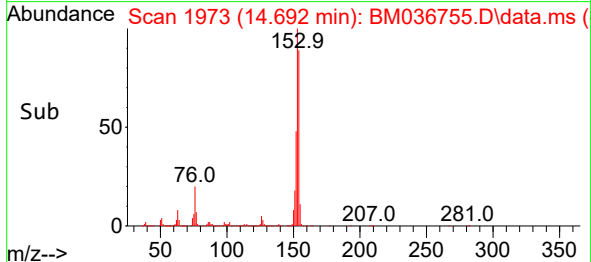
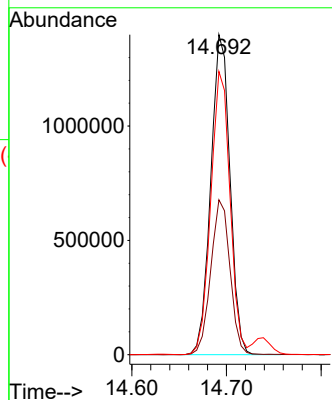
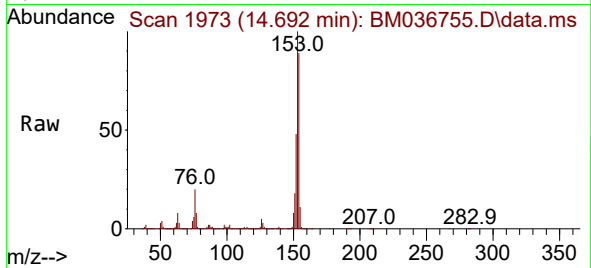




#52
Acenaphthene
Concen: 36.485 ng/ul
RT: 14.692 min Scan# 1973
Delta R.T. 0.000 min
Lab File: BM036755.D
Acq: 26 Sep 2022 21:12

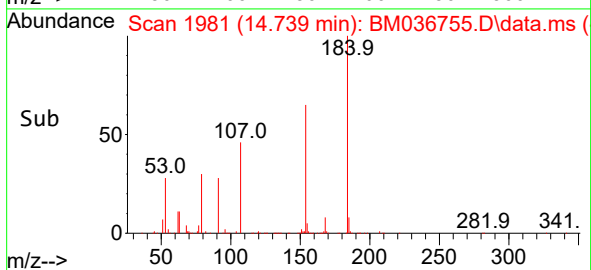
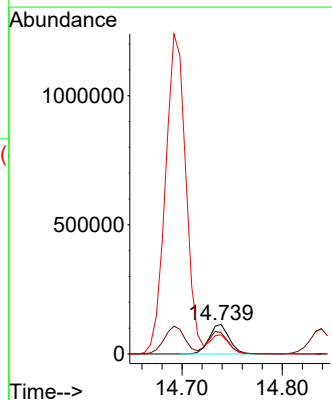
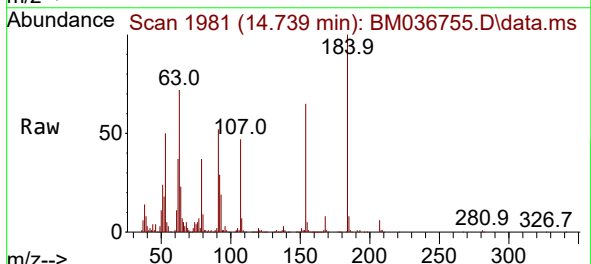
Instrument :
BNA_M
ClientSampleId :

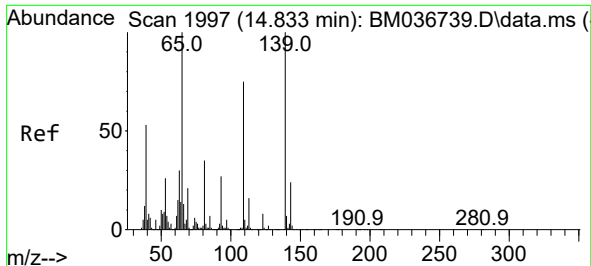
Tgt Ion:153 Resp: 1975105
Ion Ratio Lower Upper
153 100
152 48.4 38.2 57.2
154 88.5 71.0 106.6



#53
2,4-Dinitrophenol
Concen: 36.369 ng/ul
RT: 14.739 min Scan# 1981
Delta R.T. 0.006 min
Lab File: BM036755.D
Acq: 26 Sep 2022 21:12

Tgt Ion:184 Resp: 158776
Ion Ratio Lower Upper
184 100
63 71.6 58.8 88.2
154 64.7 55.0 82.4

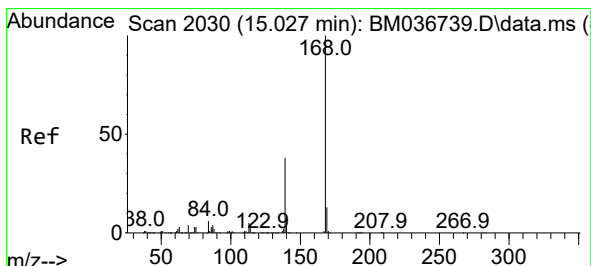
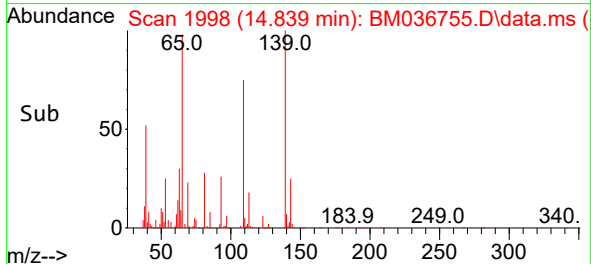
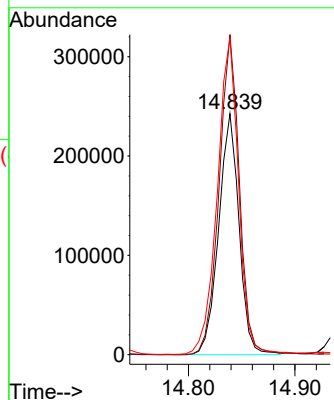
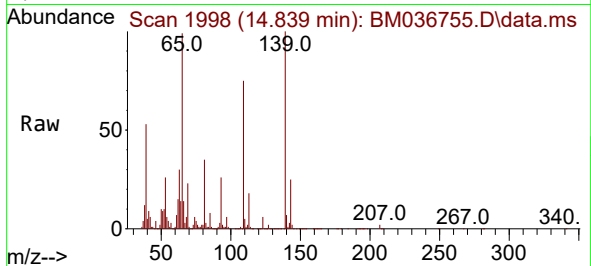




#55
4-Nitrophenol
Concen: 34.036 ng/ul
RT: 14.839 min Scan# 1997
Delta R.T. 0.006 min
Lab File: BM036755.D
Acq: 26 Sep 2022 21:12

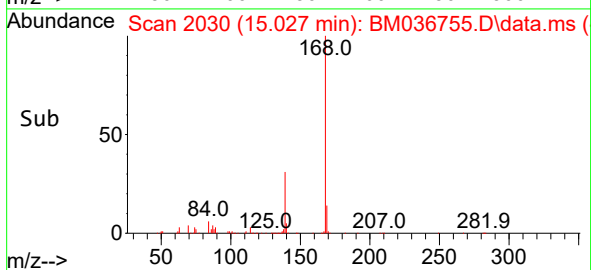
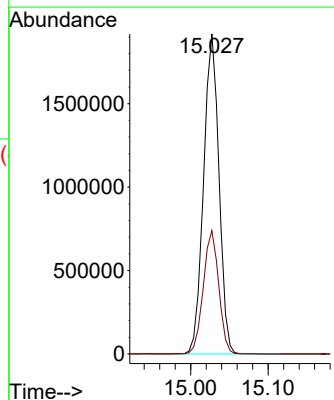
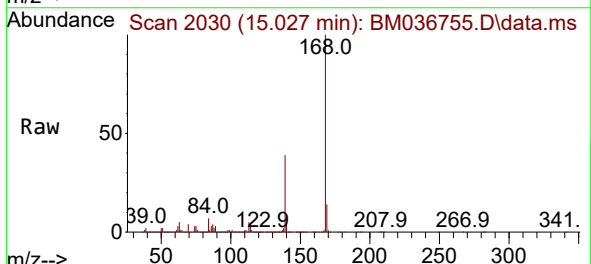
Instrument :
BNA_M
ClientSampleId :

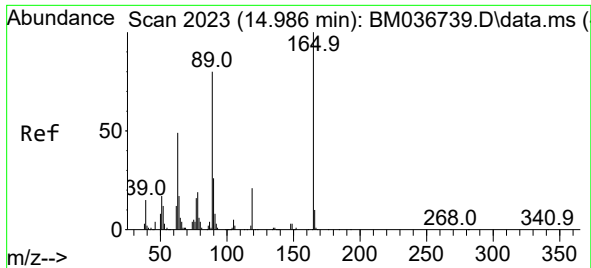
Tgt Ion:109 Resp: 321943
Ion Ratio Lower Upper
109 100
139 132.8 102.2 153.4
65 131.5 105.7 158.5



#56
Dibenzofuran
Concen: 36.328 ng/ul
RT: 15.027 min Scan# 2030
Delta R.T. 0.000 min
Lab File: BM036755.D
Acq: 26 Sep 2022 21:12

Tgt Ion:168 Resp: 2641048
Ion Ratio Lower Upper
168 100
139 38.6 29.7 44.5





#57

2,4-Dinitrotoluene

Concen: 43.240 ng/ul

RT: 14.992 min Scan# 20

Delta R.T. 0.006 min

Lab File: BM036755.D

Acq: 26 Sep 2022 21:12

Instrument :

BNA_M

ClientSampleId :

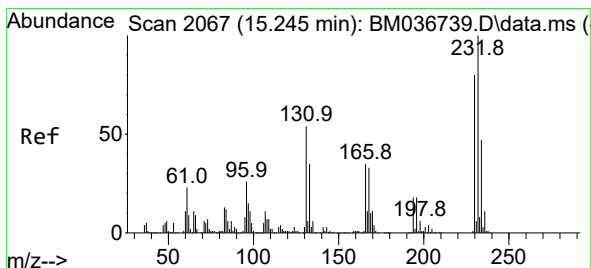
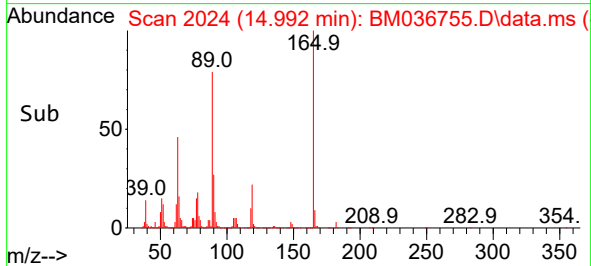
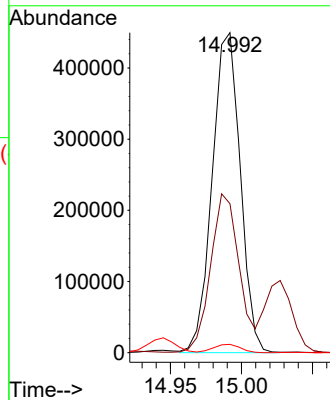
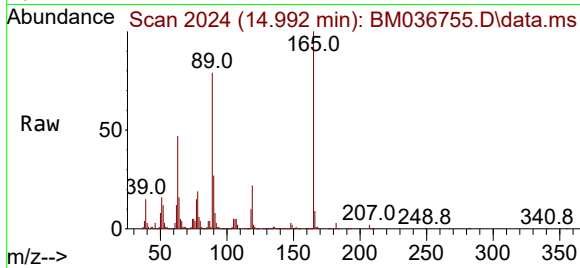
Tgt Ion:165 Resp: 618490

Ion Ratio Lower Upper

165 100

63 46.5 39.7 59.5

182 2.6 2.1 3.1



#58

2,3,4,6-Tetrachlorophenol

Concen: 37.855 ng/ul

RT: 15.251 min Scan# 2068

Delta R.T. 0.006 min

Lab File: BM036755.D

Acq: 26 Sep 2022 21:12

Tgt Ion:232 Resp: 498032

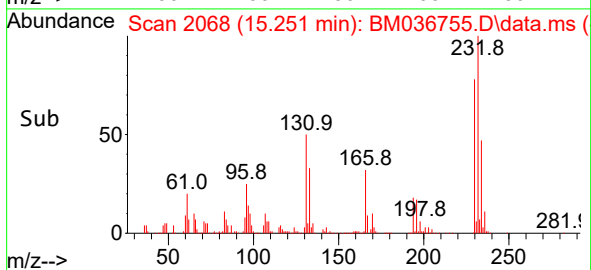
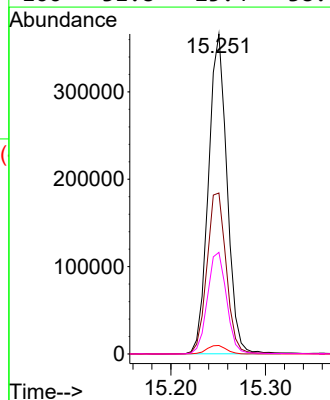
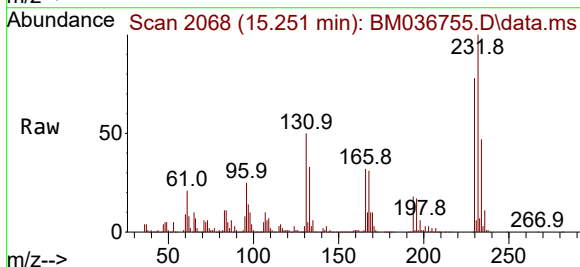
Ion Ratio Lower Upper

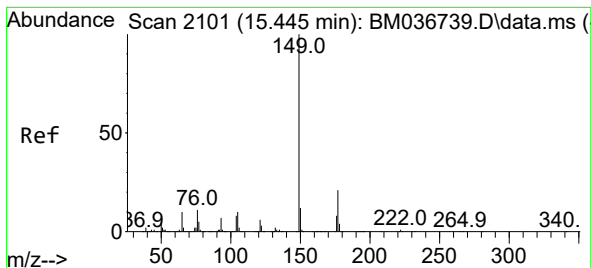
232 100

131 50.3 39.1 58.7

130 2.7 1.8 2.6#

166 31.8 25.4 38.0





#59

Diethylphthalate

Concen: 37.188 ng/ul

RT: 15.451 min Scan# 2101

Delta R.T. 0.006 min

Lab File: BM036755.D

Acq: 26 Sep 2022 21:12

Instrument :

BNA_M

ClientSampleId :

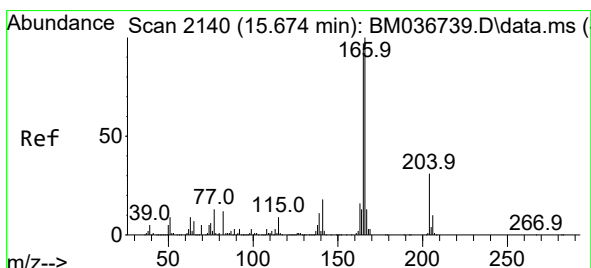
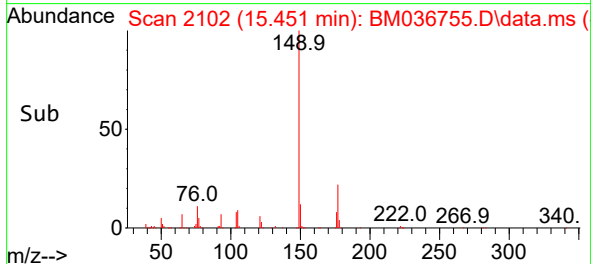
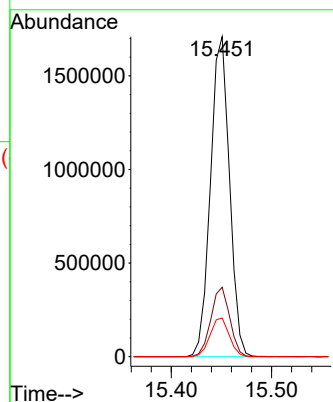
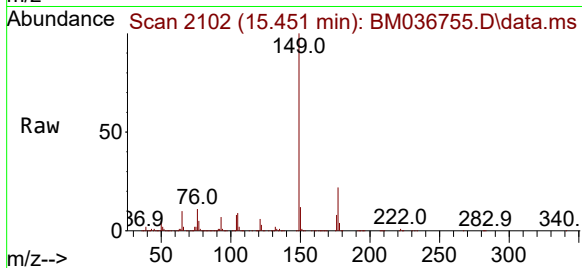
Tgt Ion:149 Resp: 2252865

Ion Ratio Lower Upper

149 100

177 21.7 17.3 25.9

150 12.1 10.1 15.1



#61

Fluorene

Concen: 36.819 ng/ul

RT: 15.674 min Scan# 2140

Delta R.T. 0.000 min

Lab File: BM036755.D

Acq: 26 Sep 2022 21:12

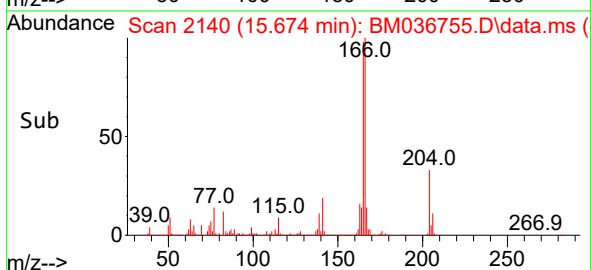
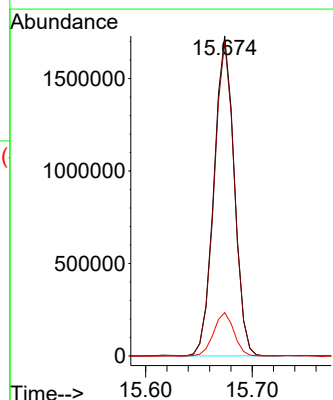
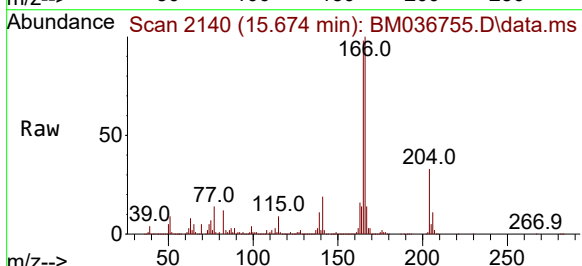
Tgt Ion:166 Resp: 2279776

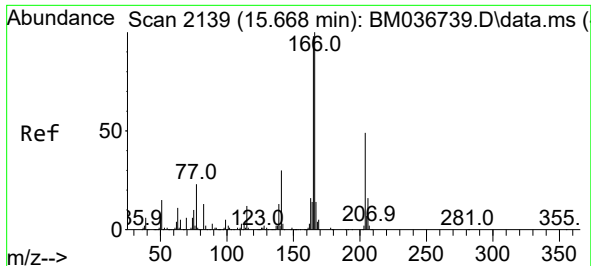
Ion Ratio Lower Upper

166 100

165 98.3 78.5 117.7

167 13.6 10.4 15.6

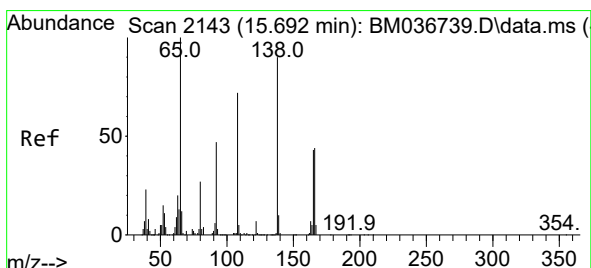
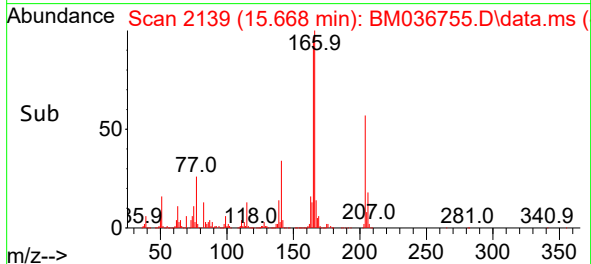
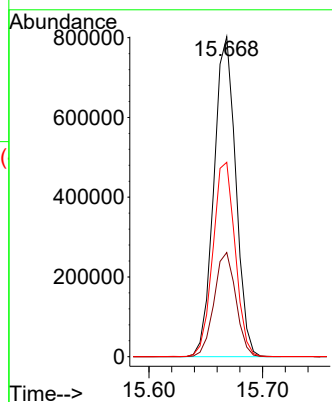
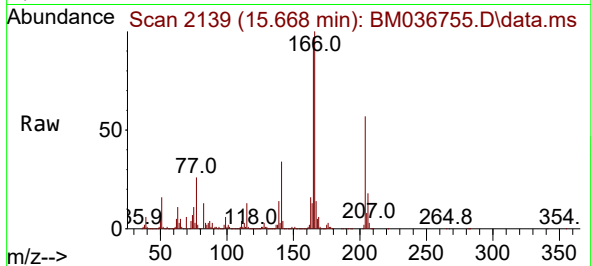




#62
4-Chlorophenyl-phenylether
Concen: 36.244 ng/ul
RT: 15.668 min Scan# 2139
Delta R.T. 0.000 min
Lab File: BM036755.D
Acq: 26 Sep 2022 21:12

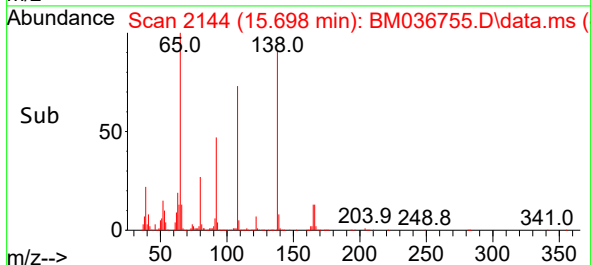
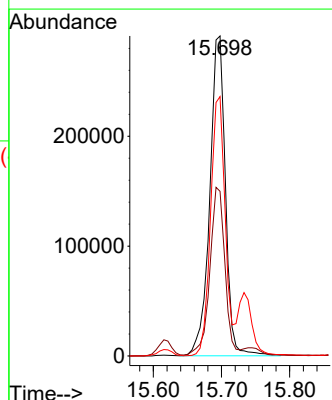
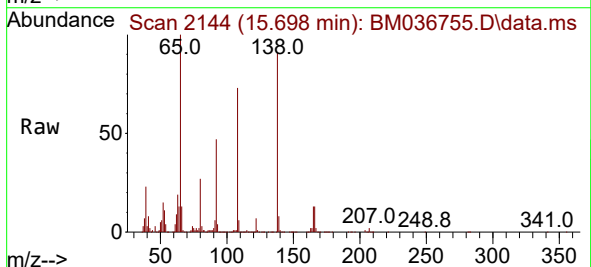
Instrument :
BNA_M
ClientSampleId :

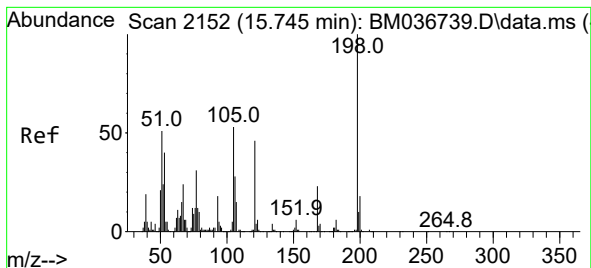
Tgt Ion:204 Resp: 1073271
Ion Ratio Lower Upper
204 100
206 32.6 25.7 38.5
141 60.7 49.4 74.0



#63
4-Nitroaniline
Concen: 40.709 ng/ul
RT: 15.698 min Scan# 2144
Delta R.T. 0.006 min
Lab File: BM036755.D
Acq: 26 Sep 2022 21:12

Tgt Ion:138 Resp: 466726
Ion Ratio Lower Upper
138 100
92 51.4 42.1 63.1
108 81.0 66.2 99.2

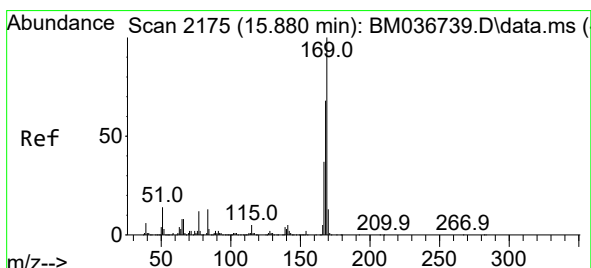
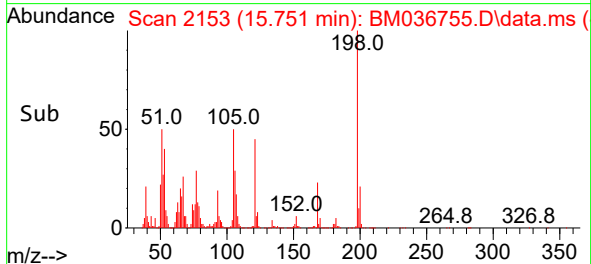
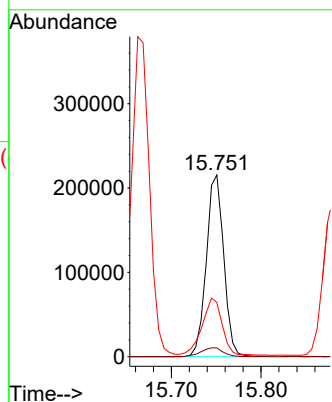
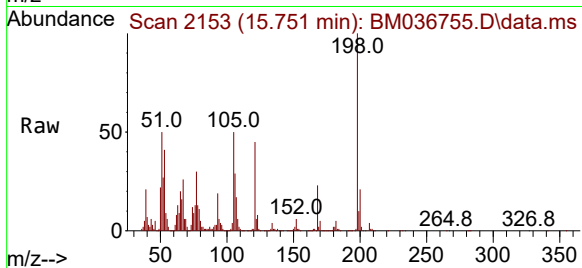




#66
4,6-Dinitro-2-methylphenol
Concen: 39.288 ng/ul
RT: 15.751 min Scan# 2153
Delta R.T. 0.006 min
Lab File: BM036755.D
Acq: 26 Sep 2022 21:12

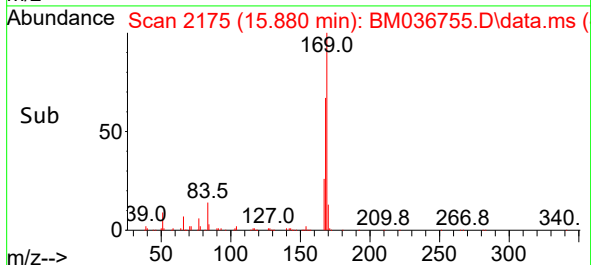
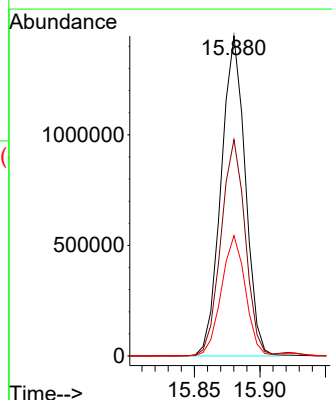
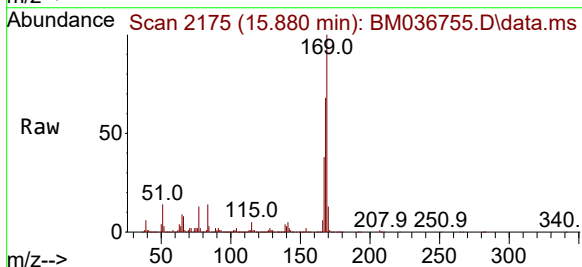
Instrument :
BNA_M
ClientSampleId :

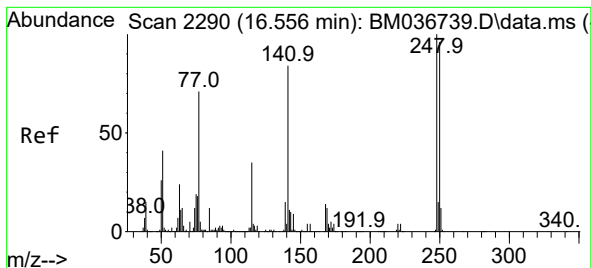
Tgt Ion:198 Resp: 290317
Ion Ratio Lower Upper
198 100
182 4.8 4.2 6.2
77 29.9 24.0 36.0



#67
N-Nitrosodiphenylamine
Concen: 37.997 ng/ul
RT: 15.880 min Scan# 2175
Delta R.T. 0.000 min
Lab File: BM036755.D
Acq: 26 Sep 2022 21:12

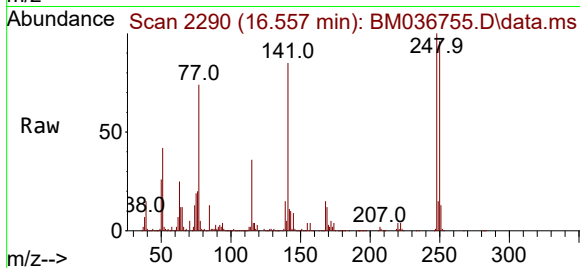
Tgt Ion:169 Resp: 1852267
Ion Ratio Lower Upper
169 100
168 67.6 54.6 81.8
167 37.6 29.6 44.4



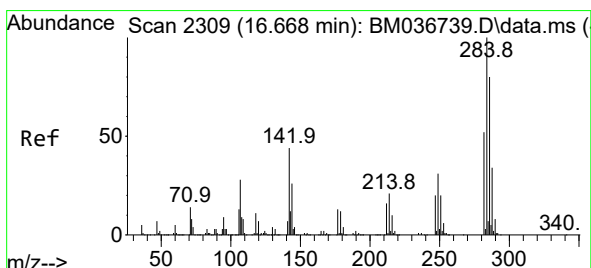
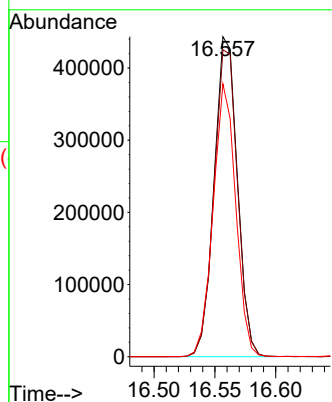
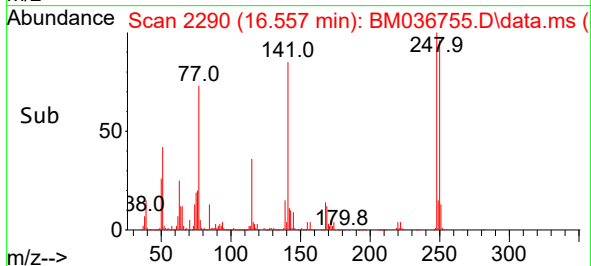


#68
4-Bromophenyl-phenylether
Concen: 36.150 ng/ul
RT: 16.557 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM036755.D
Acq: 26 Sep 2022 21:12

Instrument :
BNA_M
ClientSampleId :

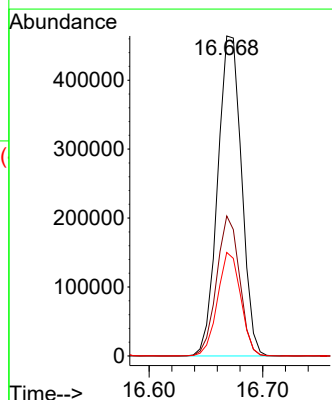
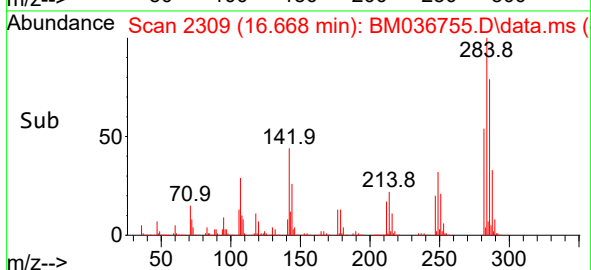
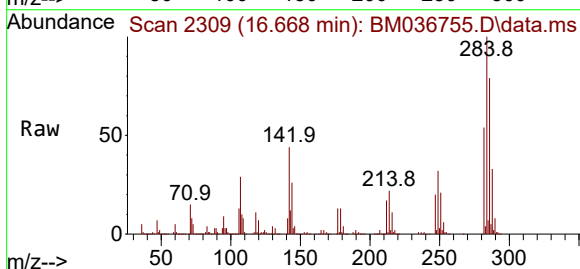


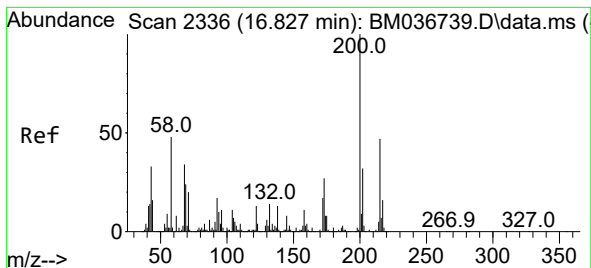
Tgt Ion:248 Resp: 589729
Ion Ratio Lower Upper
248 100
250 95.9 78.9 118.3
141 85.2 65.7 98.5



#69
Hexachlorobenzene
Concen: 35.163 ng/ul
RT: 16.668 min Scan# 2309
Delta R.T. 0.000 min
Lab File: BM036755.D
Acq: 26 Sep 2022 21:12

Tgt Ion:284 Resp: 678469
Ion Ratio Lower Upper
284 100
142 43.8 30.8 46.2
249 32.4 24.2 36.2





#70

Atrazine

Concen: 36.039 ng/ul

RT: 16.833 min Scan# 21

Delta R.T. 0.006 min

Lab File: BM036755.D

Acq: 26 Sep 2022 21:12

Instrument :

BNA_M

ClientSampleId :

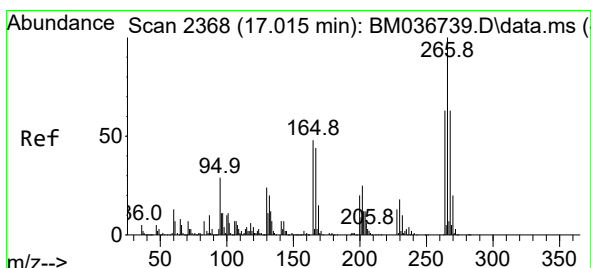
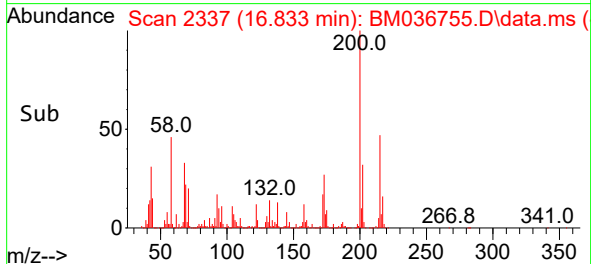
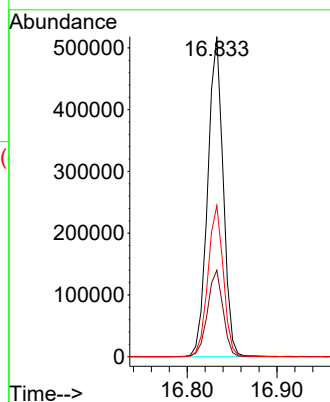
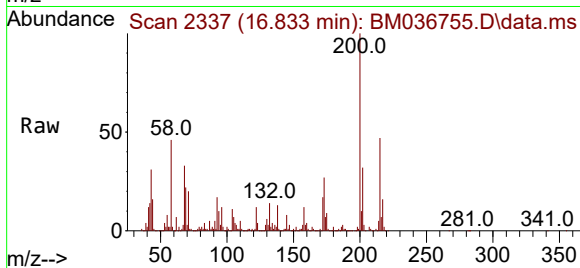
Tgt Ion:200 Resp: 619937

Ion Ratio Lower Upper

200 100

173 27.0 21.8 32.6

215 47.2 39.4 59.2



#71

Pentachlorophenol

Concen: 33.372 ng/ul

RT: 17.015 min Scan# 2368

Delta R.T. 0.000 min

Lab File: BM036755.D

Acq: 26 Sep 2022 21:12

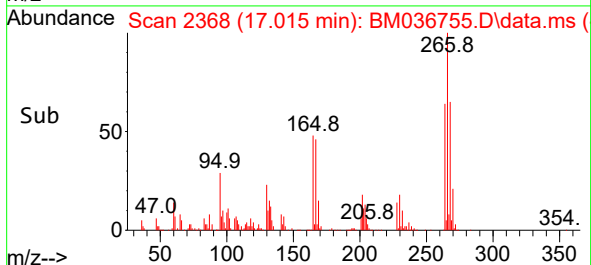
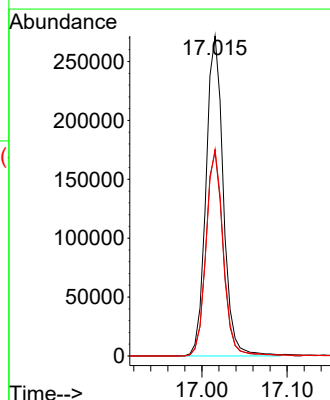
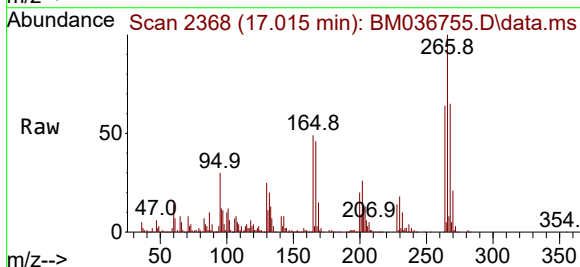
Tgt Ion:266 Resp: 382481

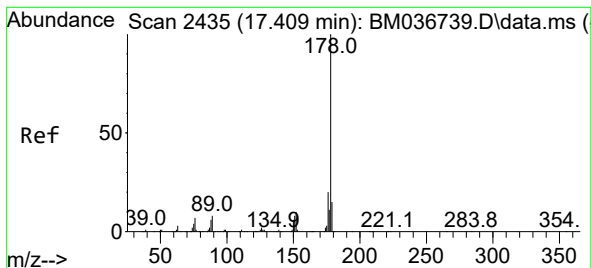
Ion Ratio Lower Upper

266 100

264 63.8 49.7 74.5

268 64.6 51.8 77.6





#72

Phenanthrene

Concen: 37.604 ng/ul

RT: 17.409 min Scan# 2435

Delta R.T. 0.000 min

Lab File: BM036755.D

Acq: 26 Sep 2022 21:12

Instrument :

BNA_M

ClientSampleId :

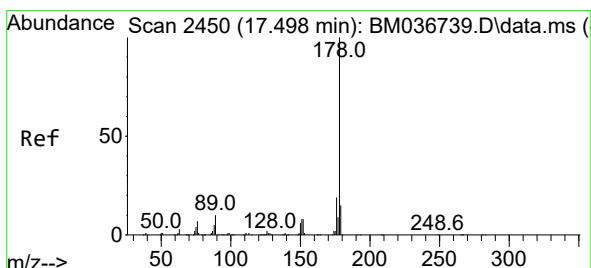
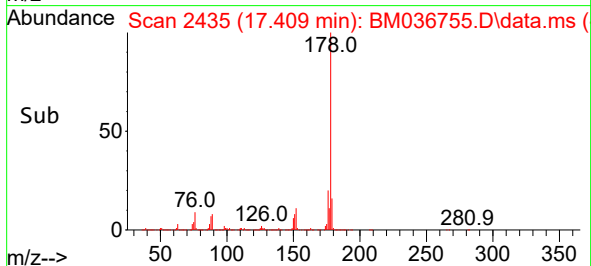
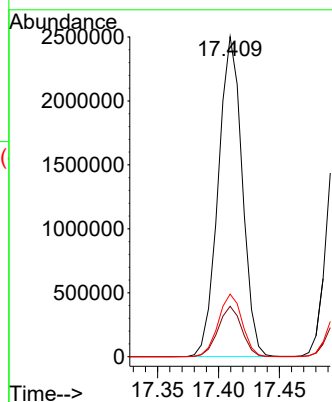
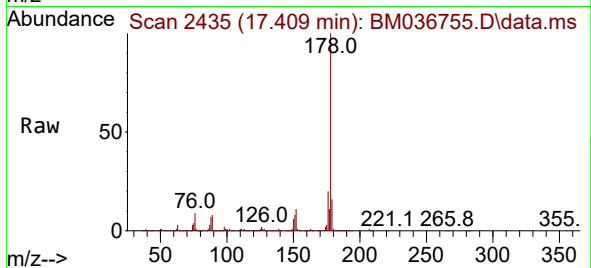
Tgt Ion:178 Resp: 3428147

Ion Ratio Lower Upper

178 100

179 15.8 12.2 18.2

176 19.5 15.7 23.5



#74

Anthracene

Concen: 37.034 ng/ul

RT: 17.504 min Scan# 2451

Delta R.T. 0.006 min

Lab File: BM036755.D

Acq: 26 Sep 2022 21:12

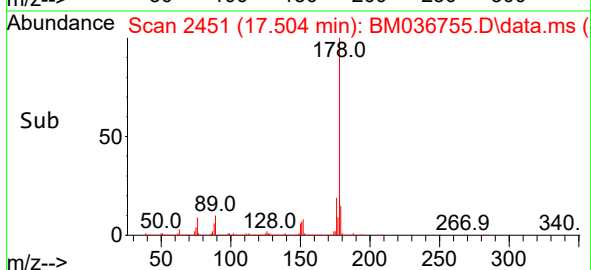
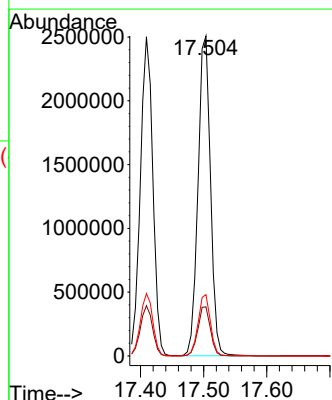
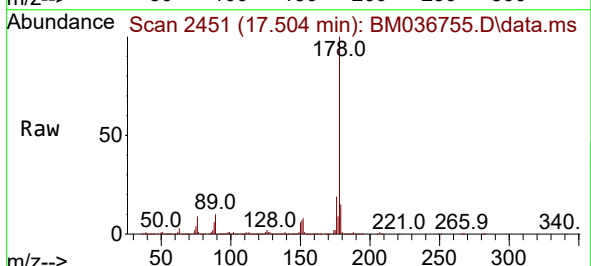
Tgt Ion:178 Resp: 3431706

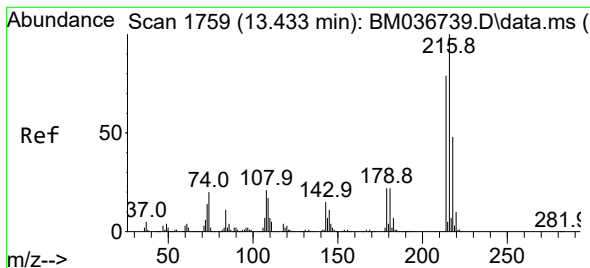
Ion Ratio Lower Upper

178 100

179 15.4 12.3 18.5

176 19.2 15.0 22.6

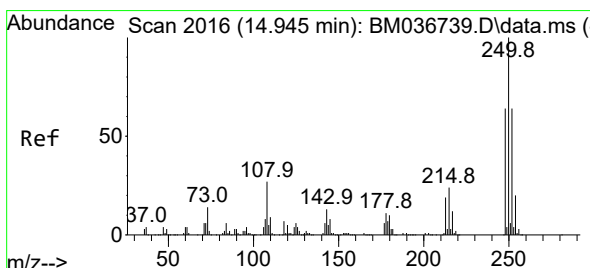
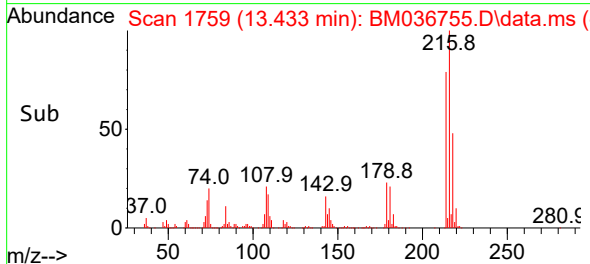
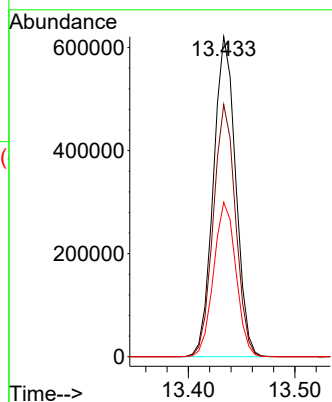
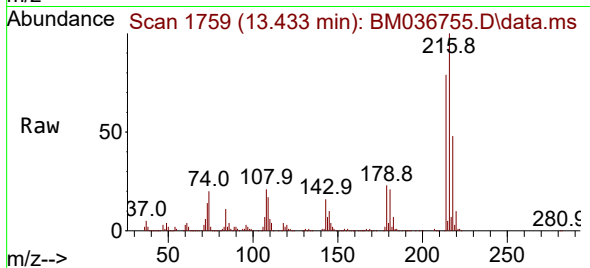




#75
1,2,3,4-Tetrachlorobenzene
Concen: 39.910 ng/uL
RT: 13.433 min Scan# 1759
Delta R.T. 0.000 min
Lab File: BM036755.D
Acq: 26 Sep 2022 21:12

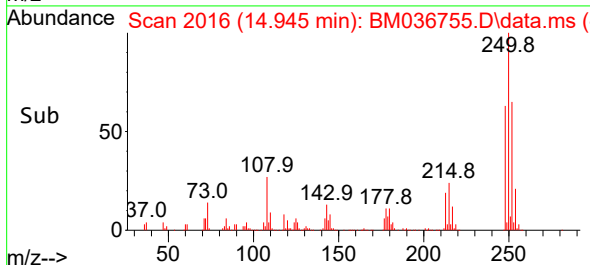
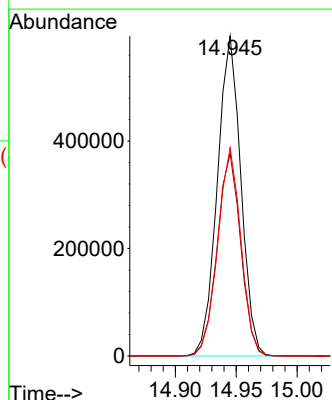
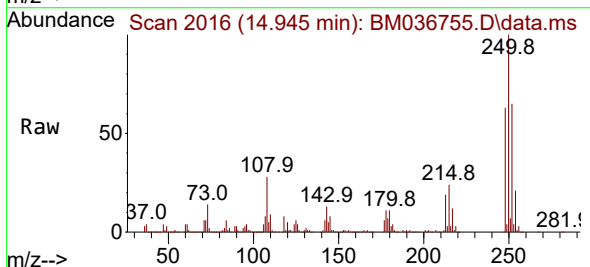
Instrument :
BNA_M
ClientSampleId :

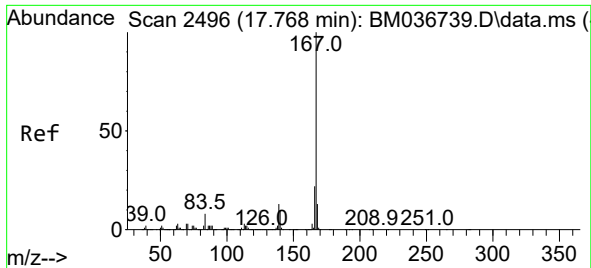
Tgt Ion:216 Resp: 903443
Ion Ratio Lower Upper
216 100
214 78.8 62.6 94.0
218 48.2 38.2 57.2



#76
Pentachlorobenzene
Concen: 32.684 ng/uL
RT: 14.945 min Scan# 2016
Delta R.T. 0.000 min
Lab File: BM036755.D
Acq: 26 Sep 2022 21:12

Tgt Ion:250 Resp: 800237
Ion Ratio Lower Upper
250 100
248 63.2 50.2 75.2
252 65.0 50.5 75.7

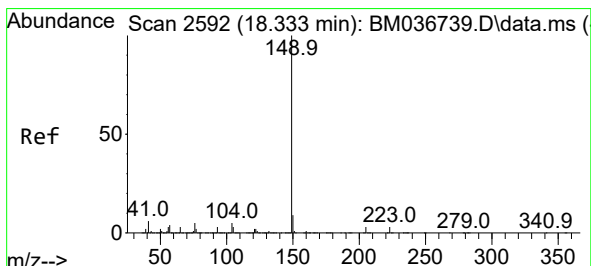
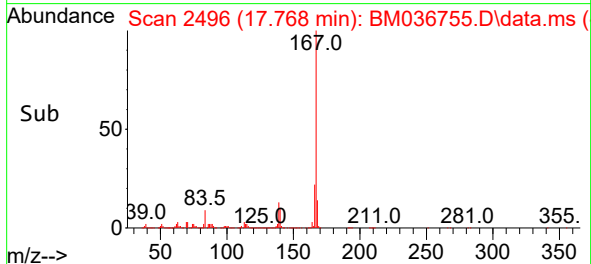
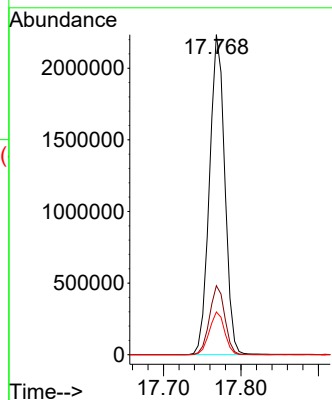
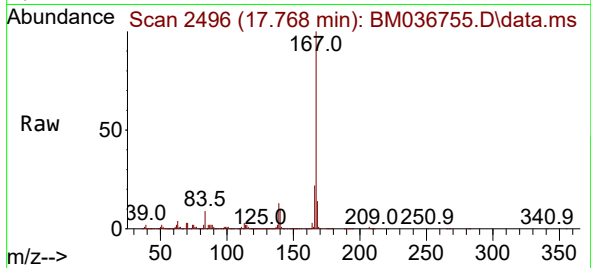




#77
 Carbazole
 Concen: 35.820 ng/ul
 RT: 17.768 min Scan# 2496
 Delta R.T. 0.000 min
 Lab File: BM036755.D
 Acq: 26 Sep 2022 21:12

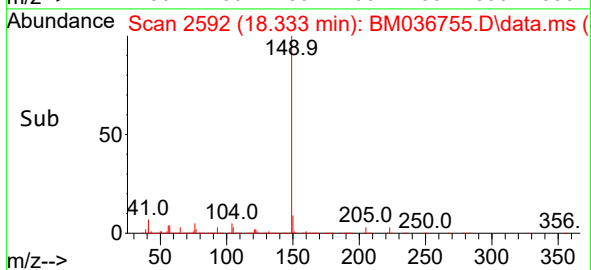
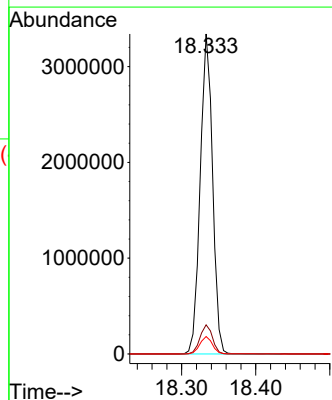
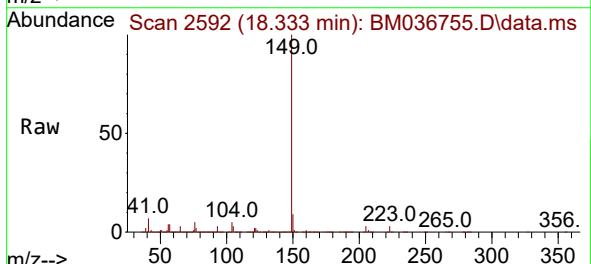
Instrument :
 BNA_M
 ClientSampleId :

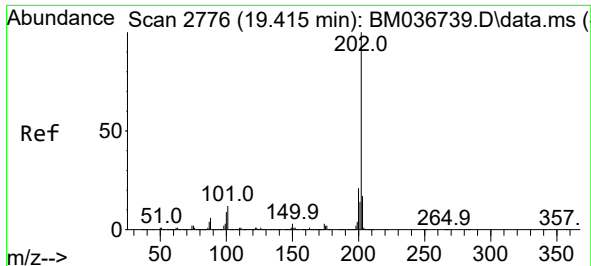
Tgt Ion:167 Resp: 3073117
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.2 25.8
 139 13.3 10.6 15.8



#78
 Di-n-butylphthalate
 Concen: 39.587 ng/ul
 RT: 18.333 min Scan# 2592
 Delta R.T. 0.000 min
 Lab File: BM036755.D
 Acq: 26 Sep 2022 21:12

Tgt Ion:149 Resp: 3849433
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.2 10.8
 104 5.4 4.3 6.5

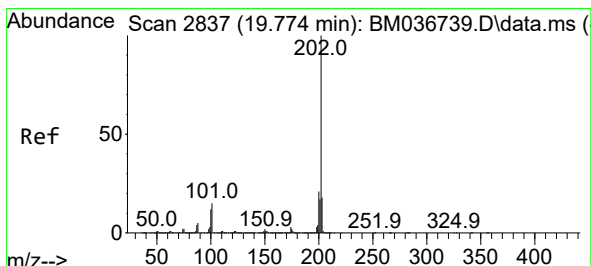
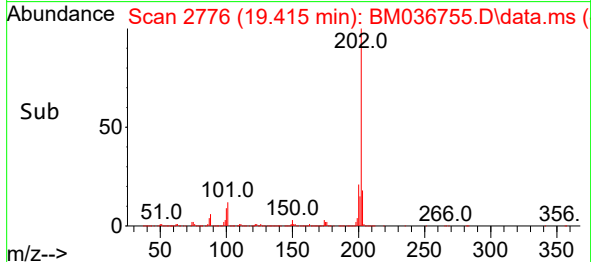
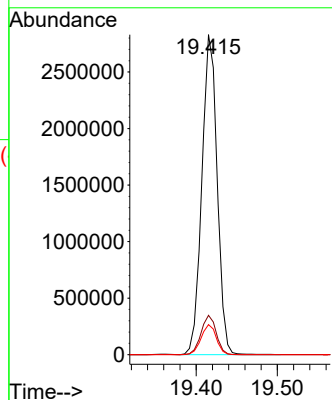
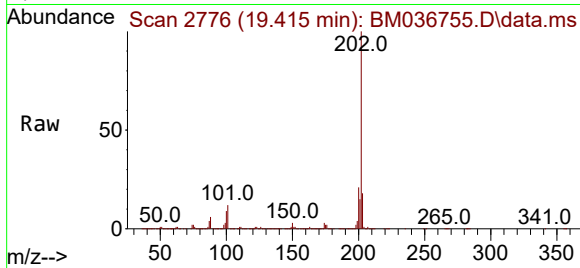




#80
Fluoranthene
Concen: 45.825 ng/ul
RT: 19.415 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM036755.D
Acq: 26 Sep 2022 21:12

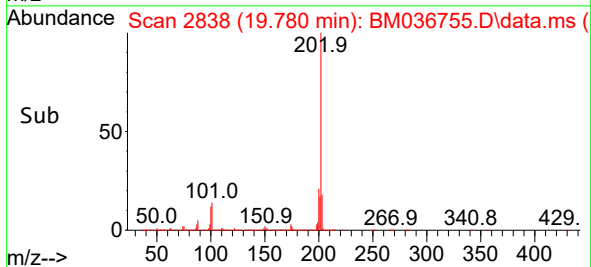
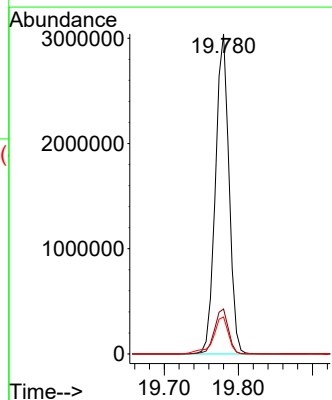
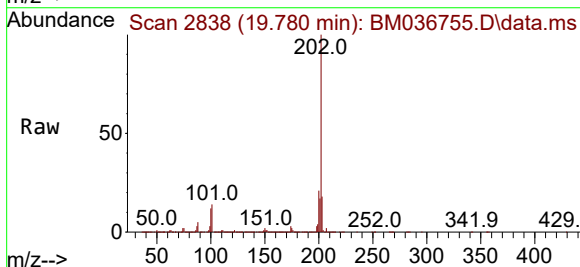
Instrument :
BNA_M
ClientSampleId :

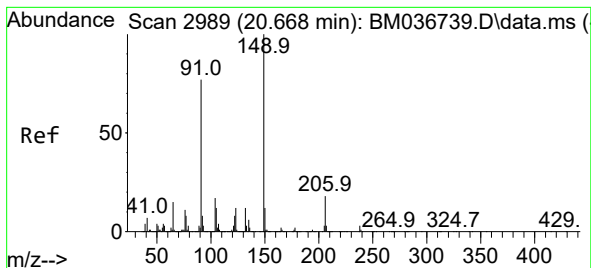
Tgt Ion:202 Resp: 3698982
Ion Ratio Lower Upper
202 100
101 12.3 9.8 14.6
100 9.4 7.4 11.2



#82
Pyrene
Concen: 45.083 ng/ul
RT: 19.780 min Scan# 2838
Delta R.T. 0.006 min
Lab File: BM036755.D
Acq: 26 Sep 2022 21:12

Tgt Ion:202 Resp: 3852029
Ion Ratio Lower Upper
202 100
101 14.1 10.9 16.3
100 11.6 8.7 13.1





#83

Butylbenzylphthalate

Concen: 47.921 ng/ul

RT: 20.674 min Scan# 2989

Delta R.T. 0.006 min

Lab File: BM036755.D

Acq: 26 Sep 2022 21:12

Instrument :

BNA_M

ClientSampleId :

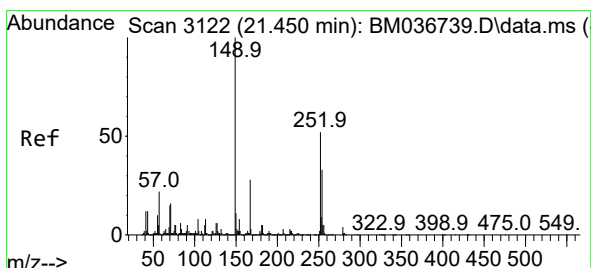
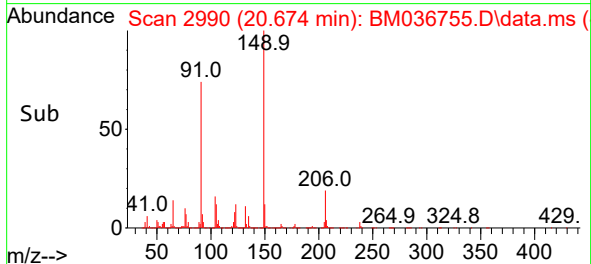
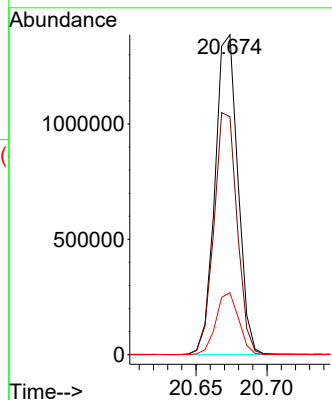
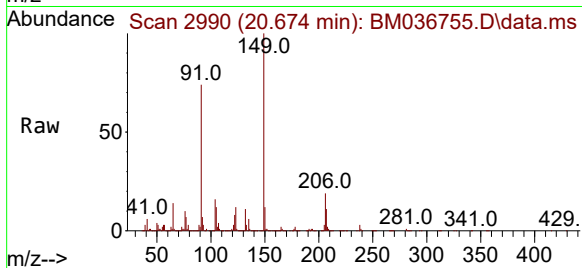
Tgt Ion:149 Resp: 1551529

Ion Ratio Lower Upper

149 100

91 74.4 55.2 82.8

206 19.3 16.2 24.2



#84

3,3'-Dichlorobenzidine

Concen: 37.467 ng/ul

RT: 21.450 min Scan# 3122

Delta R.T. 0.000 min

Lab File: BM036755.D

Acq: 26 Sep 2022 21:12

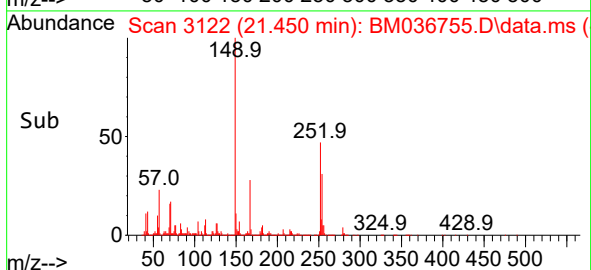
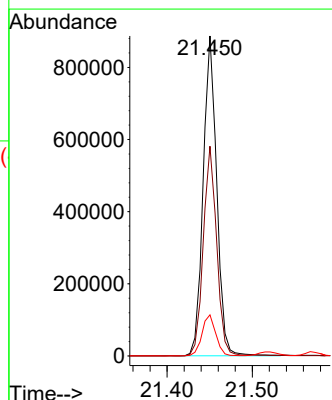
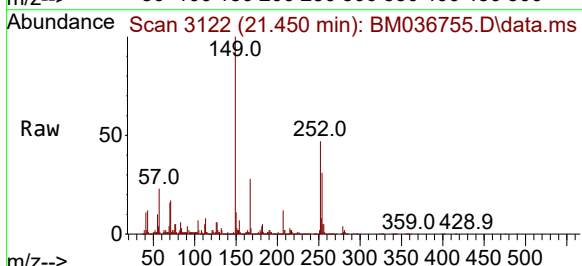
Tgt Ion:252 Resp: 980228

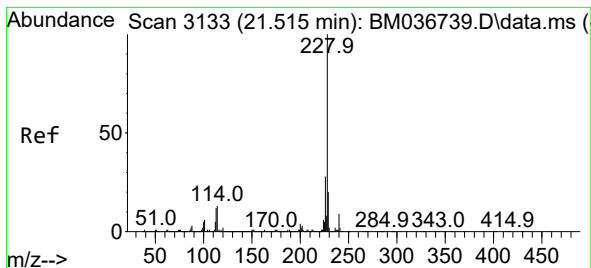
Ion Ratio Lower Upper

252 100

254 65.5 53.0 79.4

126 12.9 10.4 15.6





#85

Benzo(a)anthracene

Concen: 38.030 ng/ul

RT: 21.515 min Scan# 3133

Delta R.T. 0.000 min

Lab File: BM036755.D

Acq: 26 Sep 2022 21:12

Instrument :

BNA_M

ClientSampleId :

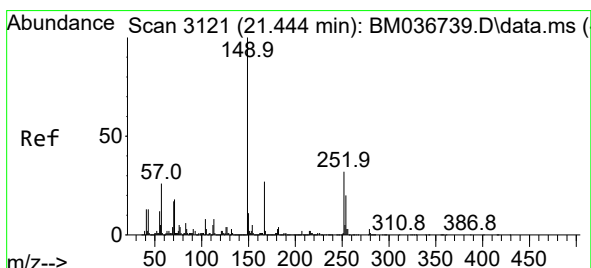
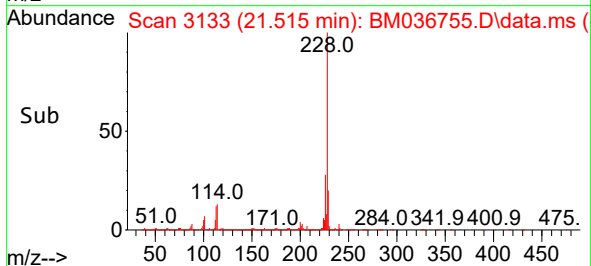
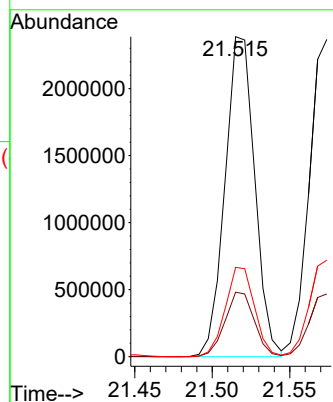
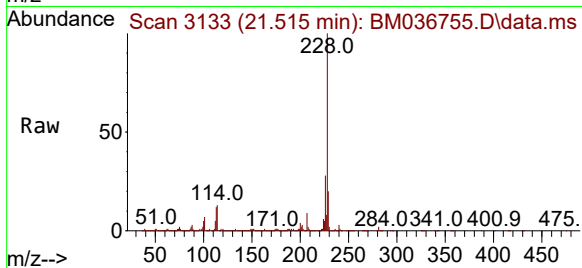
Tgt Ion:228 Resp: 3190427

Ion Ratio Lower Upper

228 100

229 20.1 15.8 23.8

226 27.9 21.9 32.9



#86

Bis(2-ethylhexyl)phthalate

Concen: 50.810 ng/ul

RT: 21.444 min Scan# 3121

Delta R.T. 0.000 min

Lab File: BM036755.D

Acq: 26 Sep 2022 21:12

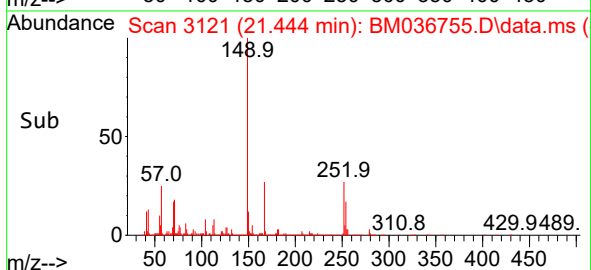
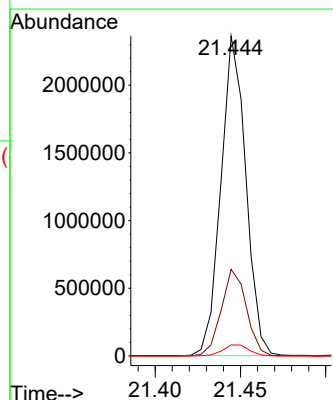
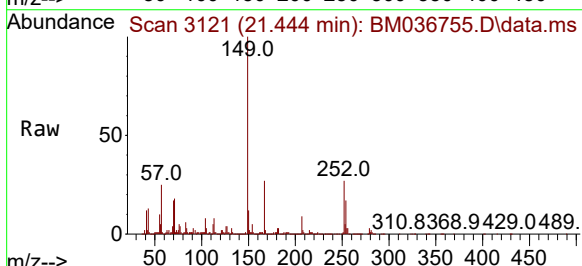
Tgt Ion:149 Resp: 2403029

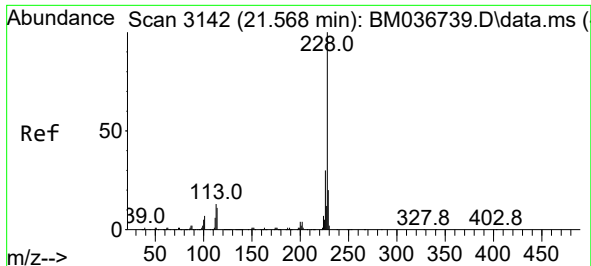
Ion Ratio Lower Upper

149 100

167 27.1 22.0 33.0

279 3.4 3.3 4.9

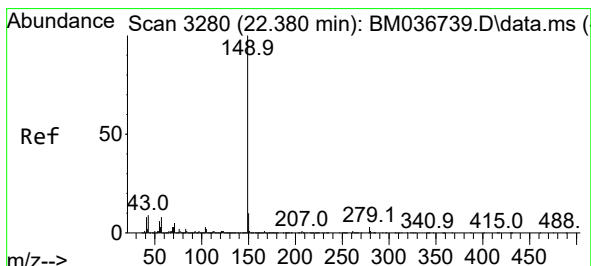
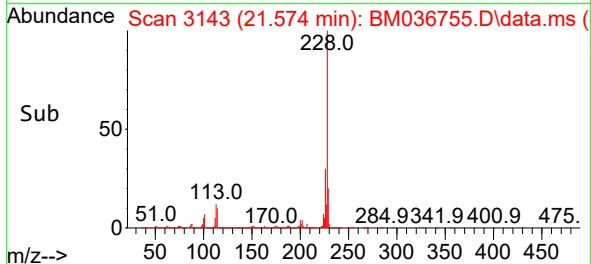
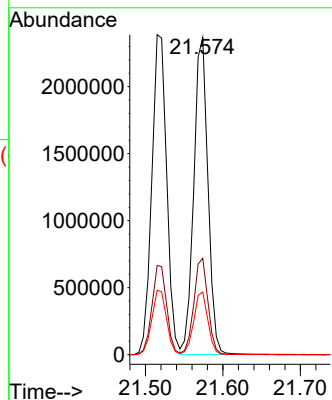
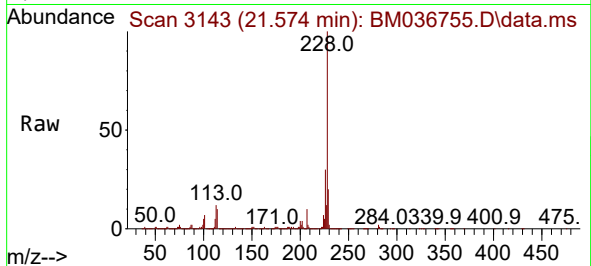




#87
Chrysene
Concen: 37.645 ng/ul
RT: 21.574 min Scan# 3143
Delta R.T. 0.006 min
Lab File: BM036755.D
Acq: 26 Sep 2022 21:12

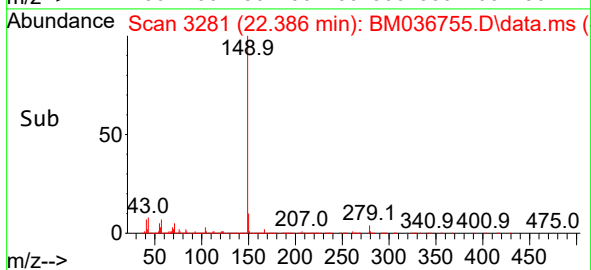
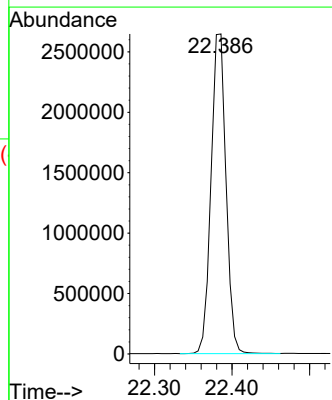
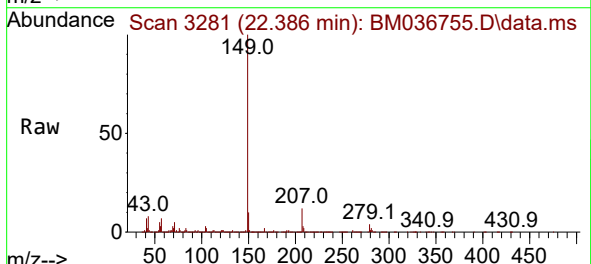
Instrument :
BNA_M
ClientSampleId :

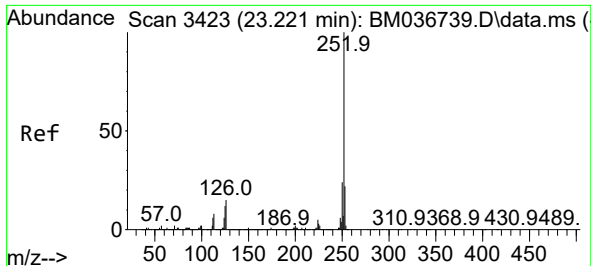
Tgt Ion:228 Resp: 2997698
Ion Ratio Lower Upper
228 100
226 30.4 24.4 36.6
229 19.8 15.6 23.4



#89
Di-n-octyl phthalate
Concen: 54.726 ng/ul
RT: 22.386 min Scan# 3281
Delta R.T. 0.006 min
Lab File: BM036755.D
Acq: 26 Sep 2022 21:12

Tgt Ion:149 Resp: 3546266

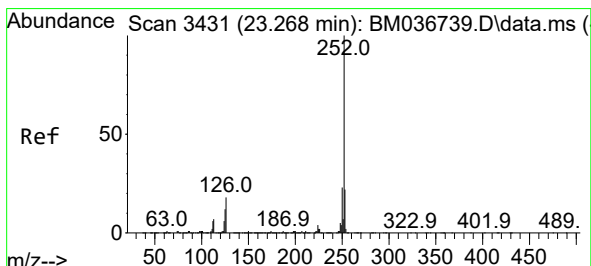
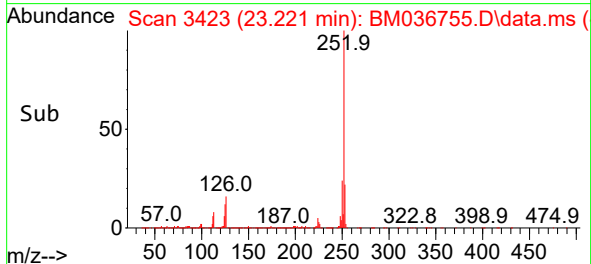
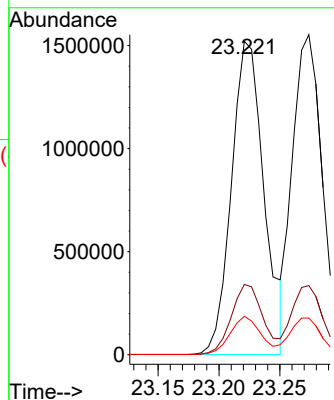
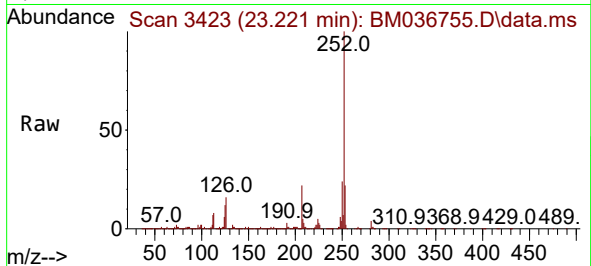




#90
Benzo(b)fluoranthene
Concen: 41.422 ng/ul
RT: 23.221 min Scan# 3423
Delta R.T. 0.000 min
Lab File: BM036755.D
Acq: 26 Sep 2022 21:12

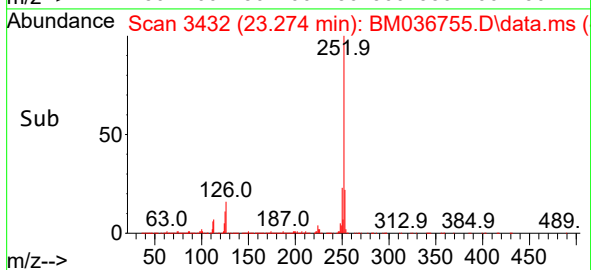
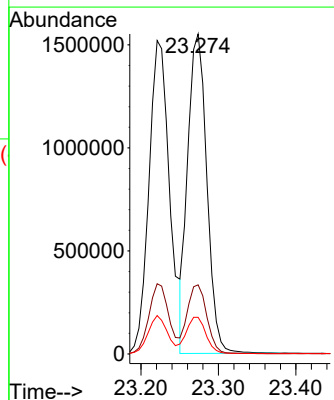
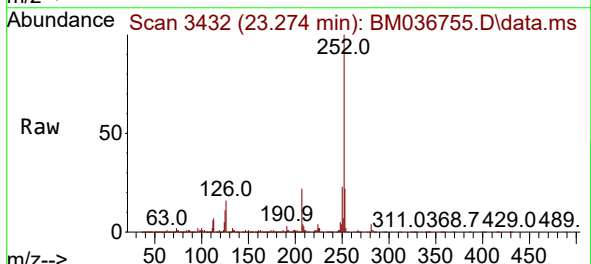
Instrument :
BNA_M
ClientSampleId :

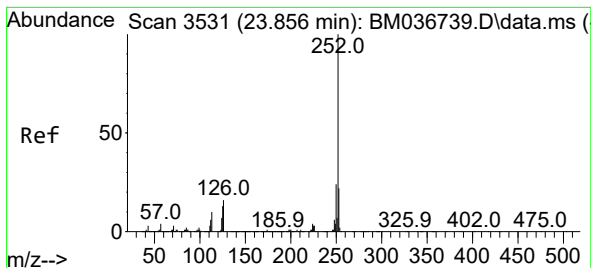
Tgt Ion:252 Resp: 2823342
Ion Ratio Lower Upper
252 100
253 22.4 17.6 26.4
125 12.2 9.1 13.7



#91
Benzo(k)fluoranthene
Concen: 39.027 ng/ul
RT: 23.274 min Scan# 3432
Delta R.T. 0.006 min
Lab File: BM036755.D
Acq: 26 Sep 2022 21:12

Tgt Ion:252 Resp: 2658014
Ion Ratio Lower Upper
252 100
253 21.6 17.8 26.8
125 11.5 8.2 12.4





#93

Benzo(a)pyrene

Concen: 38.858 ng/ul

RT: 23.862 min Scan# 3

Delta R.T. 0.006 min

Lab File: BM036755.D

Acq: 26 Sep 2022 21:12

Instrument :

BNA_M

ClientSampleId :

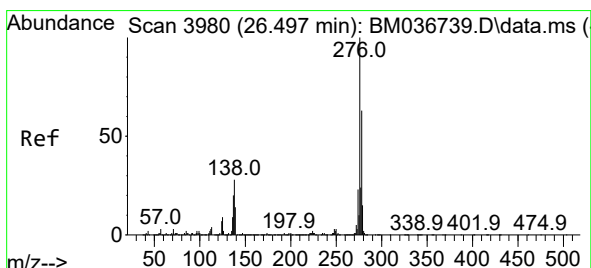
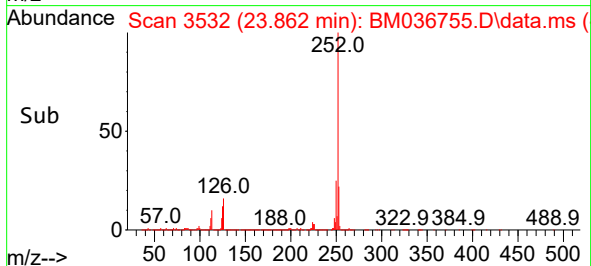
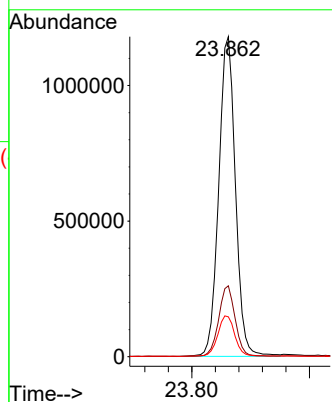
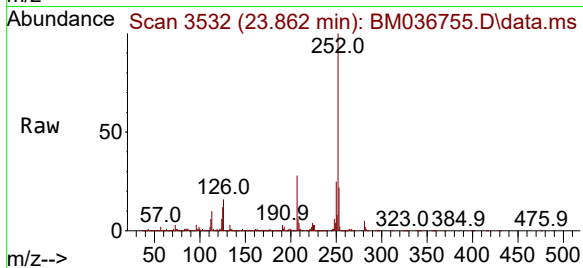
Tgt Ion:252 Resp: 2328341

Ion Ratio Lower Upper

252 100

253 22.1 17.5 26.3

125 12.5 9.5 14.3



#94

Indeno(1,2,3-cd)pyrene

Concen: 35.166 ng/ul

RT: 26.503 min Scan# 3981

Delta R.T. 0.006 min

Lab File: BM036755.D

Acq: 26 Sep 2022 21:12

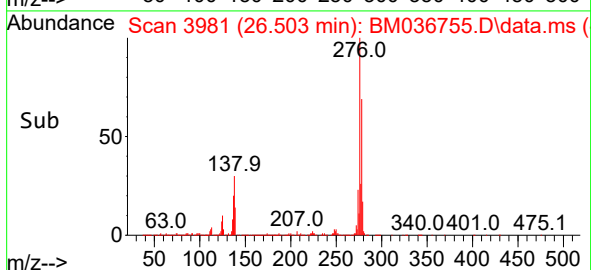
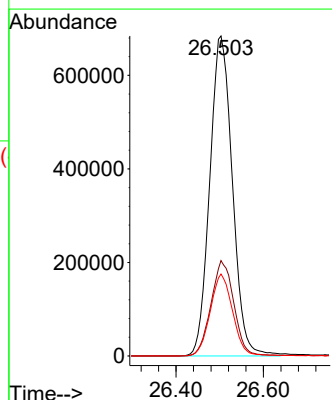
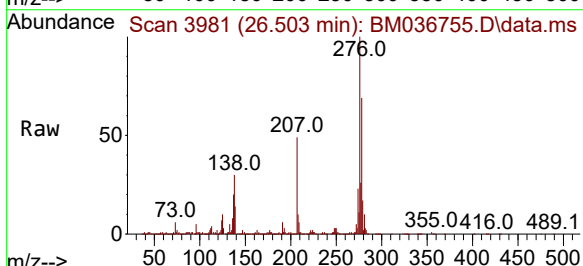
Tgt Ion:276 Resp: 2460685

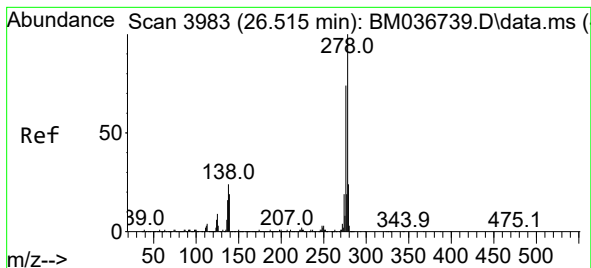
Ion Ratio Lower Upper

276 100

138 29.8 20.2 30.4

277 25.6 19.7 29.5





#95

Dibenzo(a,h)anthracene

Concen: 34.968 ng/ul

RT: 26.521 min Scan# 3984

Delta R.T. 0.006 min

Lab File: BM036755.D

Acq: 26 Sep 2022 21:12

Instrument :

BNA_M

ClientSampleId :

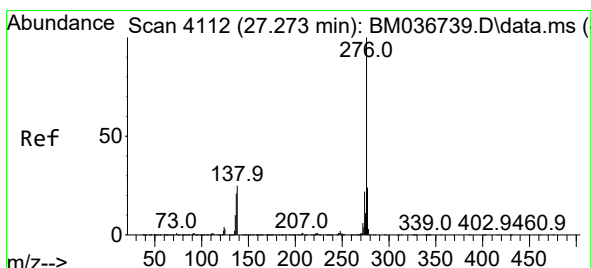
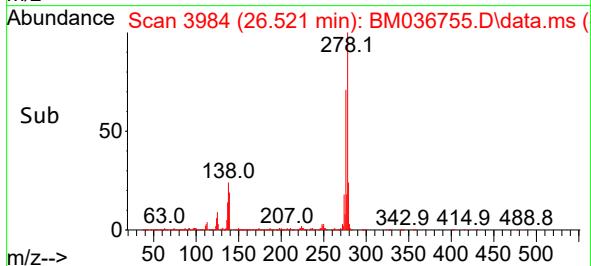
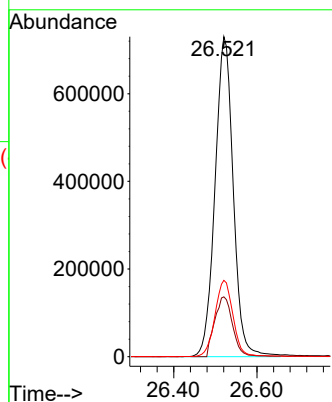
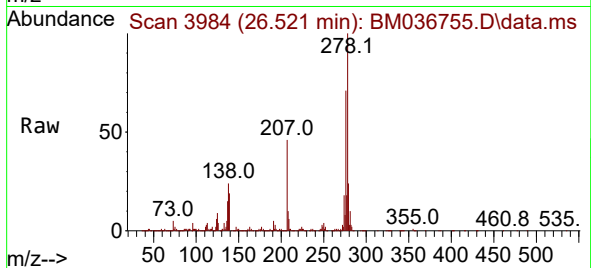
Tgt Ion:278 Resp: 2219018

Ion Ratio Lower Upper

278 100

139 18.7 14.5 21.7

279 23.9 19.7 29.5



#96

Benzo(g,h,i)perylene

Concen: 35.428 ng/ul

RT: 27.279 min Scan# 4113

Delta R.T. 0.006 min

Lab File: BM036755.D

Acq: 26 Sep 2022 21:12

Tgt Ion:276 Resp: 2149114

Ion Ratio Lower Upper

276 100

138 25.2 18.7 28.1

277 23.4 19.2 28.8

