

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092622\
 Data File : BM036743.D
 Acq On : 26 Sep 2022 13:42
 Operator : CG/JU
 Sample : PB147814BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Sep 26 23:12:50 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	374728	20.000	ng/u1	0.00
20) Naphthalene-d8	10.816	136	1647859	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.627	164	1026251	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.368	188	2039954	20.000	ng/u1	0.00
79) Chrysene-d12	21.533	240	1628573	20.000	ng/u1	0.00
88) Perylene-d12	23.968	264	1346382	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.387	96	59676	5.970	ng/uL	0.00
4) Pyridine-d5	3.810	84	803076	27.547	ng/u1	0.00
7) Phenol-d5	7.163	99	1181838	35.292	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.334	67	718376	35.324	ng/u1	0.00
11) 2-Chlorophenol-d4	7.534	132	904534	37.518	ng/u1	0.00
15) 4-Methylphenol-d8	8.716	113	911139	36.823	ng/u1	0.00
21) Nitrobenzene-d5	9.175	128	449234	40.277	ng/u1	0.00
24) 2-Nitrophenol-d4	9.892	143	434485	43.490	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.434	165	862621	37.258	ng/u1	0.00
31) 4-Chloroaniline-d4	10.951	131	1196663	31.087	ng/u1	0.00
46) Dimethylphthalate-d6	14.045	166	2488547	35.954	ng/u1	0.00
49) Acenaphthylene-d8	14.327	160	3030589	36.913	ng/u1	0.00
54) 4-Nitrophenol-d4	14.827	143	456006	33.967	ng/u1	0.00
60) Fluorene-d10	15.616	176	2223338	35.845	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.733	200	328762	40.734	ng/u1	0.00
73) Anthracene-d10	17.468	188	3321607	35.612	ng/u1	0.00
81) Pyrene-d10	19.751	212	3554094	44.360	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.815	264	2471985	37.580	ng/u1	0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.422	88	124145	11.529	ng/uL	98
5) Pyridine	3.834	79	883104	30.151	ng/u1	96
6) Benzaldehyde	7.140	77	686580	42.339	ng/u1	96
8) Phenol	7.193	94	1221136	33.976	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.428	93	931400	33.307	ng/u1	99
12) 2-Chlorophenol	7.563	128	925315	35.480	ng/u1	98
13) 2-Methylphenol	8.445	108	887776	33.605	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.534	45	1124690	33.934	ng/u1	100
16) Acetophenone	8.834	105	1427499	33.260	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.822	70	722929	34.908	ng/u1	97
18) 4-Methylphenol	8.781	108	985743	34.506	ng/u1	99
19) Hexachloroethane	9.092	117	361376	34.210	ng/u1	95
22) Nitrobenzene	9.216	77	1078693	36.426	ng/u1	99
23) Isophorone	9.751	82	1970031	32.627	ng/u1	99
25) 2-Nitrophenol	9.928	139	477117	38.666	ng/u1	98
26) 2,4-Dimethylphenol	9.987	107	1001603	32.910	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.228	93	1222193	33.960	ng/u1	99
29) 2,4-Dichlorophenol	10.463	162	856182	35.175	ng/u1	99
30) Naphthalene	10.869	128	2998262	33.400	ng/u1	100
32) 4-Chloroaniline	10.975	127	1207818	30.391	ng/u1	100
33) Hexachlorobutadiene	11.151	225	472507	31.740	ng/u1	99
34) Caprolactam	11.775	113	182342	23.094	ng/u1	96
35) 4-Chloro-3-methylphenol	12.092	107	946861	35.240	ng/u1	97
36) 2-Methylnaphthalene	12.469	142	2002805	33.486	ng/u1	98

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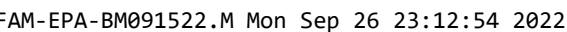
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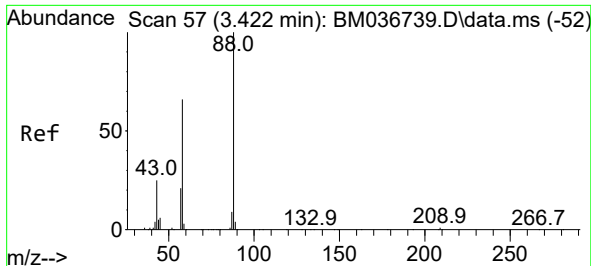
Quant Time: Sep 26 23:12:50 2022
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 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Sep 26 23:10:22 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.686	142	2044456	34.002	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.833	216	967277	33.300	ng/ul	100
40) Hexachlorocyclopentadiene	12.810	237	432214	28.552	ng/ul	99
41) 2,4,6-Trichlorophenol	13.069	196	626310	35.215	ng/ul	97
42) 2,4,5-Trichlorophenol	13.139	196	693197	36.354	ng/ul	100
43) 1,1'-Biphenyl	13.469	154	2556033	33.787	ng/ul	99
44) 2-Chloronaphthalene	13.510	162	1982510	33.396	ng/ul	100
45) 2-Nitroaniline	13.716	65	603038	41.272	ng/ul	97
47) Dimethylphthalate	14.092	163	2470773	33.652	ng/ul	99
48) 2,6-Dinitrotoluene	14.210	165	481413	40.330	ng/ul	99
50) Acenaphthylene	14.357	152	3144474	33.500	ng/ul	99
51) 3-Nitroaniline	14.539	138	538590	37.620	ng/ul#	95
52) Acenaphthene	14.692	153	2202322	33.532	ng/ul	100
53) 2,4-Dinitrophenol	14.739	184	185538	35.030	ng/ul	98
55) 4-Nitrophenol	14.839	109	370378	32.274	ng/ul	99
56) Dibenzofuran	15.027	168	2959205	33.550	ng/ul	98
57) 2,4-Dinitrotoluene	14.992	165	697817	40.211	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.251	232	558340	34.980	ng/ul#	97
59) Diethylphthalate	15.451	149	2533784	34.474	ng/ul	100
61) Fluorene	15.674	166	2578612	34.326	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.669	204	1200838	33.425	ng/ul	99
63) 4-Nitroaniline	15.698	138	524269	37.691	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.751	198	332608	36.519	ng/ul	99
67) N-Nitrosodiphenylamine	15.880	169	2099020	34.936	ng/ul	99
68) 4-Bromophenyl-phenylether	16.557	248	675439	33.593	ng/ul	97
69) Hexachlorobenzene	16.674	284	766411	32.227	ng/ul	99
70) Atrazine	16.833	200	694600	32.761	ng/ul	98
71) Pentachlorophenol	17.015	266	437841	30.995	ng/ul	99
72) Phenanthrene	17.410	178	3887317	34.596	ng/ul	99
74) Anthracene	17.504	178	3921780	34.338	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.433	216	999788	35.834	ng/ul	99
76) Pentachlorobenzene	14.945	250	893250	29.600	ng/ul	99
77) Carbazole	17.768	167	3480021	32.911	ng/ul	100
78) Di-n-butylphthalate	18.333	149	4405019	36.754	ng/ul	99
80) Fluoranthene	19.415	202	4174982	42.524	ng/ul	99
82) Pyrene	19.780	202	4322860	41.596	ng/ul	99
83) Butylbenzylphthalate	20.674	149	1716898	43.599	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.450	252	1143165	35.924	ng/ul	98
85) Benzo(a)anthracene	21.521	228	3598381	35.265	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.450	149	2690638	46.774	ng/ul	99
87) Chrysene	21.574	228	3345709	34.544	ng/ul	99
89) Di-n-octyl phthalate	22.386	149	3885269	47.866	ng/ul	100
90) Benzo(b)fluoranthene	23.227	252	3130904	36.671	ng/ul	100
91) Benzo(k)fluoranthene	23.274	252	3120138	36.573	ng/ul	98
93) Benzo(a)pyrene	23.862	252	2675722	35.649	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.509	276	2858125	32.608	ng/ul	96
95) Dibenzo(a,h)anthracene	26.527	278	2566328	32.285	ng/ul	99
96) Benzo(g,h,i)perylene	27.285	276	2508904	33.018	ng/ul	98

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

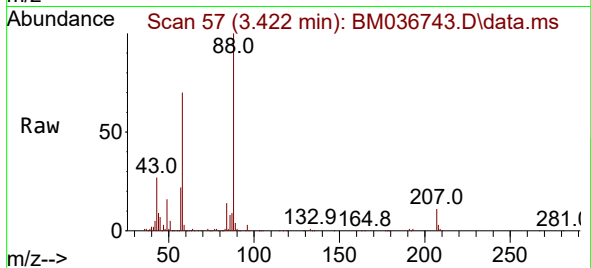
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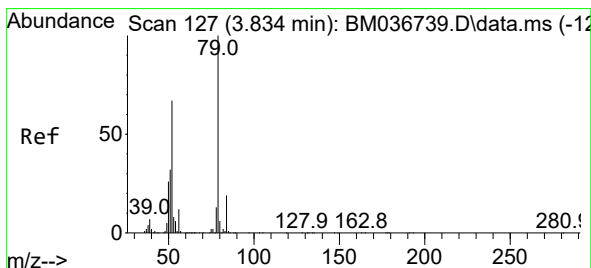
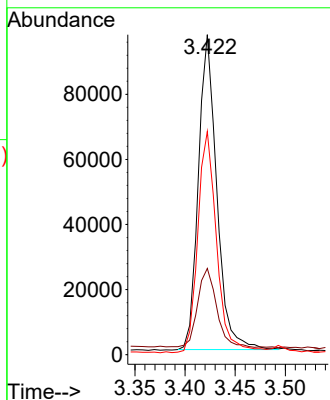
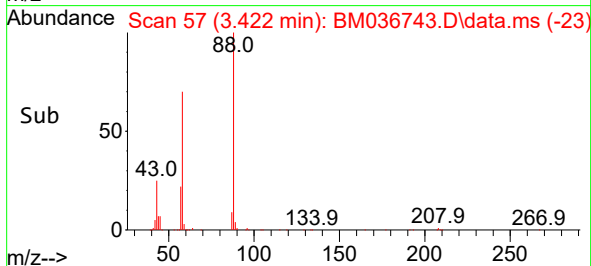


#2
1,4-Dioxane
Concen: 11.529 ng/uL
RT: 3.422 min Scan# 57
Delta R.T. 0.000 min
Lab File: BM036743.D
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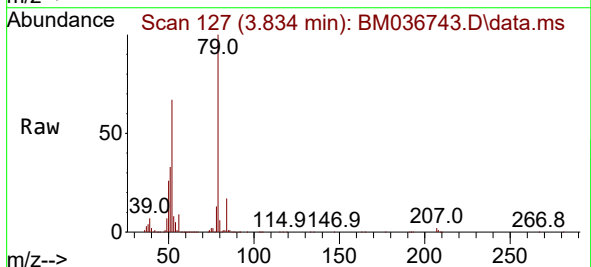
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BNA_M
ClientSampleId :



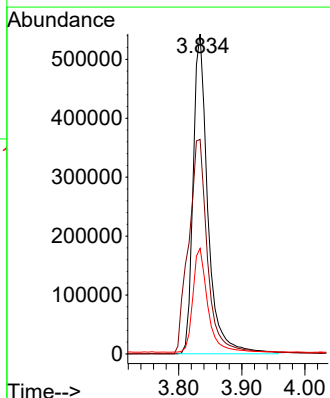
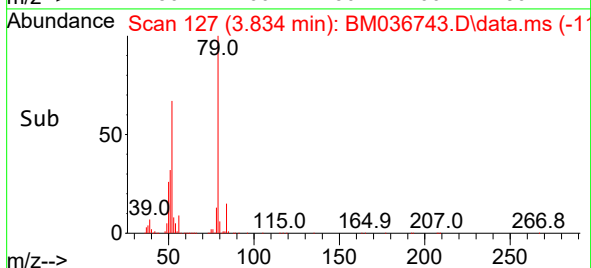
Tgt Ion: 88 Resp: 124145
Ion Ratio Lower Upper
88 100
43 27.0 23.1 34.7
58 69.8 56.6 85.0

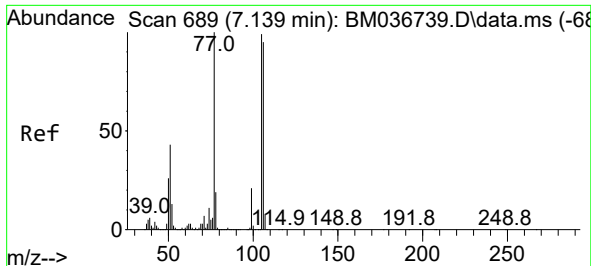


#5
Pyridine
Concen: 30.151 ng/uL
RT: 3.834 min Scan# 127
Delta R.T. 0.000 min
Lab File: BM036743.D
Acq: 26 Sep 2022 13:42



Tgt Ion: 79 Resp: 883104
Ion Ratio Lower Upper
79 100
52 67.0 57.2 85.8
51 33.0 26.8 40.2

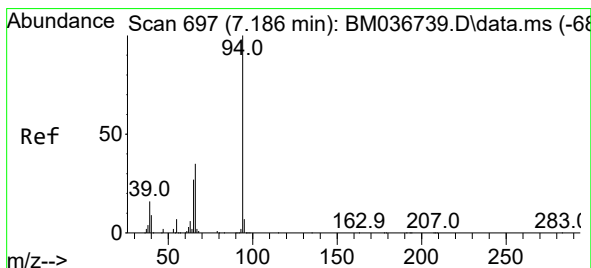
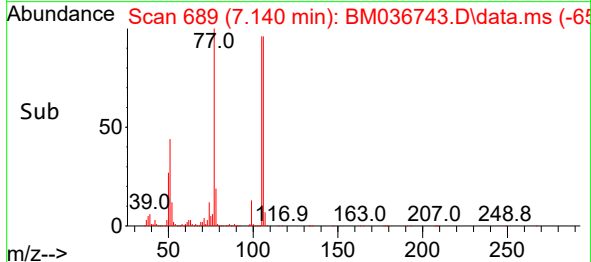
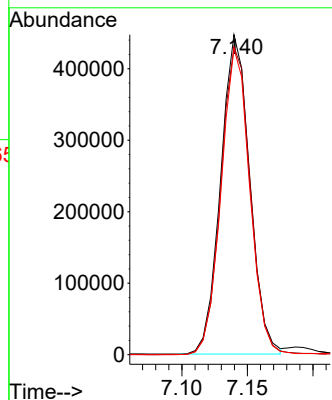
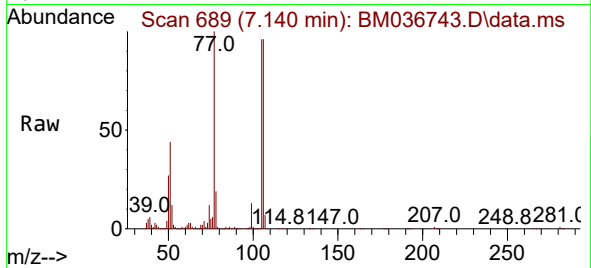




#6
Benzaldehyde
Concen: 42.339 ng/ul
RT: 7.140 min Scan# 689
Delta R.T. 0.000 min
Lab File: BM036743.D
Acq: 26 Sep 2022 13:42

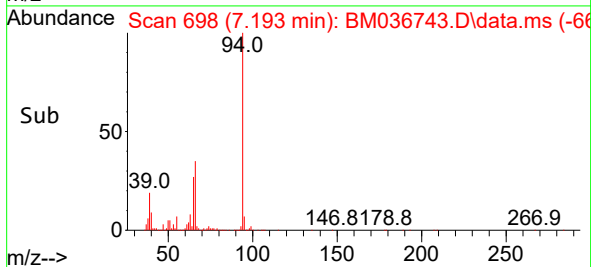
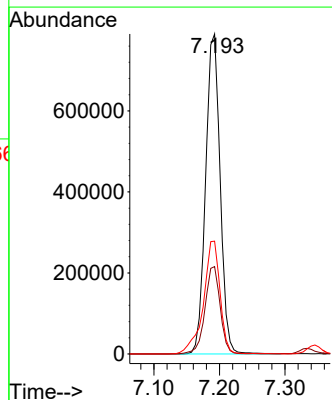
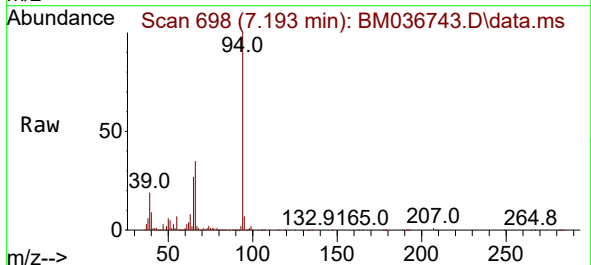
Instrument :
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ClientSampleId :

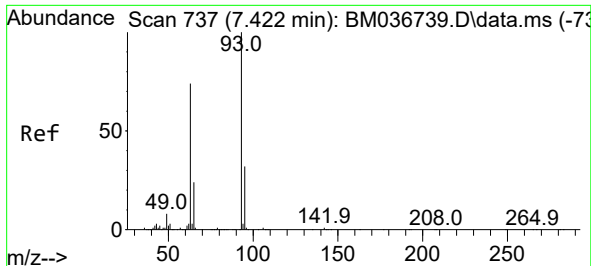
Tgt Ion: 77 Resp: 686580
Ion Ratio Lower Upper
77 100
105 96.2 75.1 112.7
106 95.8 73.0 109.6



#8
Phenol
Concen: 33.976 ng/ul
RT: 7.193 min Scan# 698
Delta R.T. 0.006 min
Lab File: BM036743.D
Acq: 26 Sep 2022 13:42

Tgt Ion: 94 Resp: 1221136
Ion Ratio Lower Upper
94 100
65 27.3 22.2 33.4
66 35.3 28.9 43.3

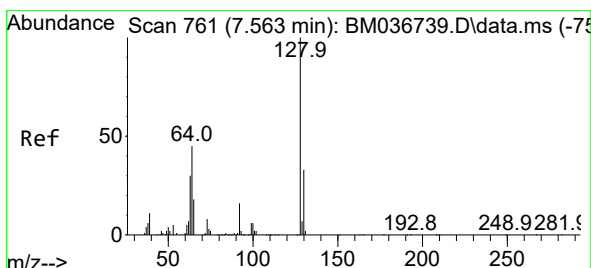
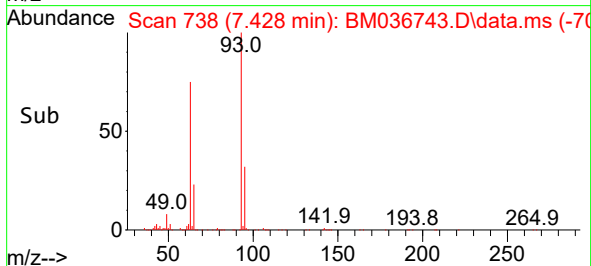
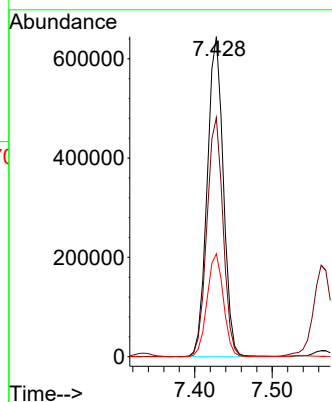
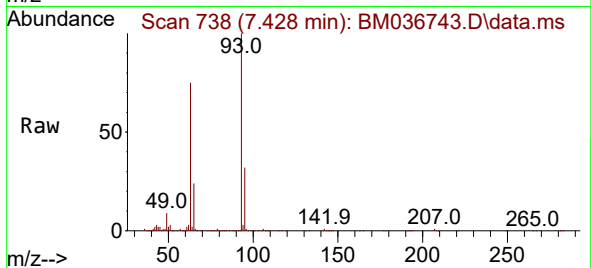




#10
Bis(2-Chloroethyl)ether
Concen: 33.307 ng/ul
RT: 7.428 min Scan# 737
Delta R.T. 0.006 min
Lab File: BM036743.D
Acq: 26 Sep 2022 13:42

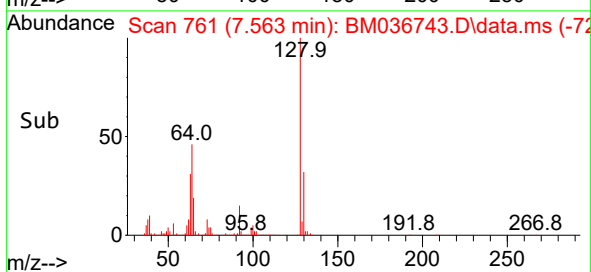
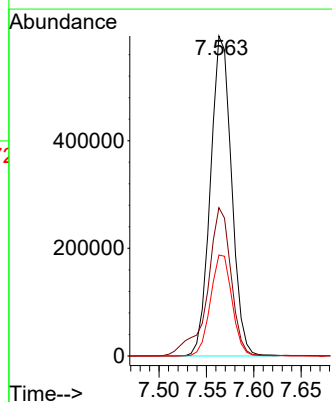
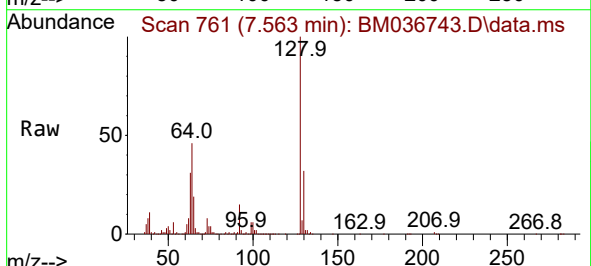
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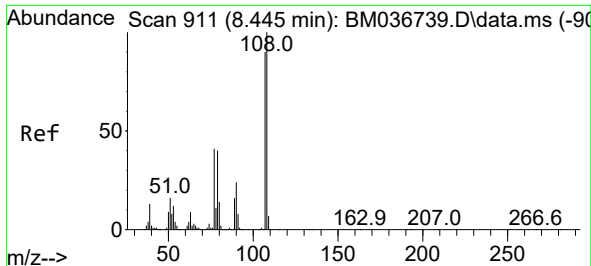
Tgt Ion: 93 Resp: 931400
Ion Ratio Lower Upper
93 100
63 74.7 59.1 88.7
95 32.2 26.1 39.1



#12
2-Chlorophenol
Concen: 35.480 ng/ul
RT: 7.563 min Scan# 761
Delta R.T. 0.000 min
Lab File: BM036743.D
Acq: 26 Sep 2022 13:42

Tgt Ion: 128 Resp: 925315
Ion Ratio Lower Upper
128 100
64 46.4 37.8 56.8
130 31.6 26.0 39.0





#13

2-Methylphenol

Concen: 33.605 ng/ul

RT: 8.445 min Scan# 911

Delta R.T. 0.000 min

Lab File: BM036743.D

Acq: 26 Sep 2022 13:42

Instrument :

BNA_M

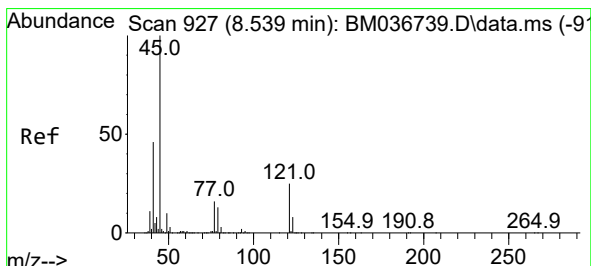
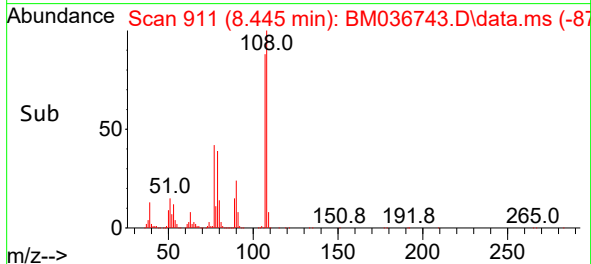
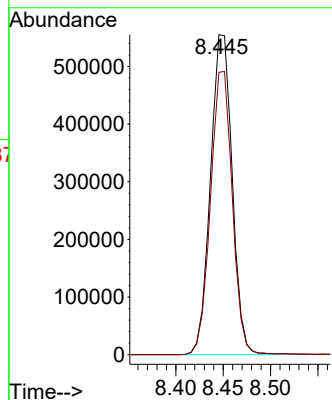
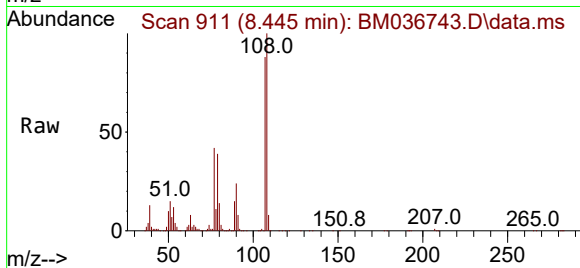
ClientSampleId :

Tgt Ion:108 Resp: 887776

Ion Ratio Lower Upper

108 100

107 88.3 70.7 106.1



#14

2,2'-oxybis(1-Chloropropane)

Concen: 33.934 ng/ul

RT: 8.534 min Scan# 926

Delta R.T. -0.006 min

Lab File: BM036743.D

Acq: 26 Sep 2022 13:42

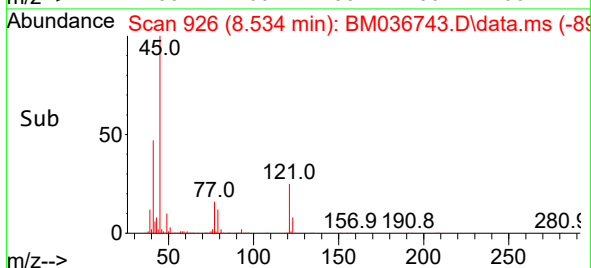
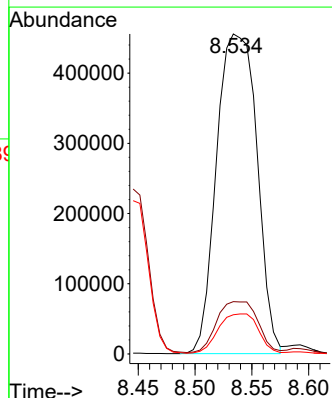
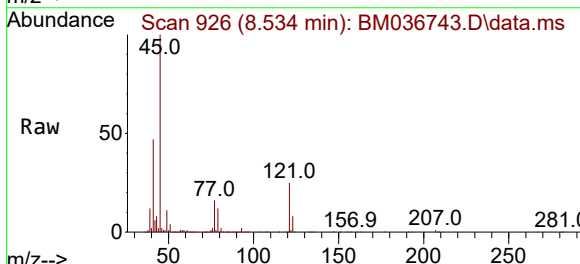
Tgt Ion: 45 Resp: 1124690

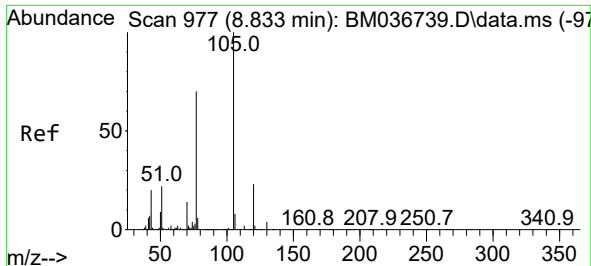
Ion Ratio Lower Upper

45 100

77 16.4 13.1 19.7

79 12.2 9.5 14.3

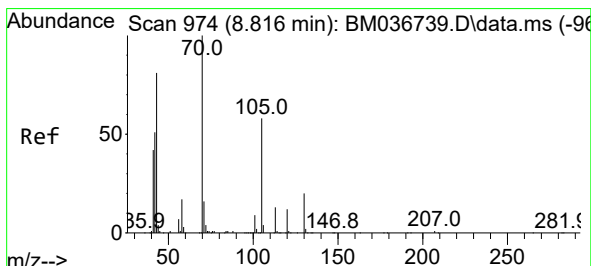
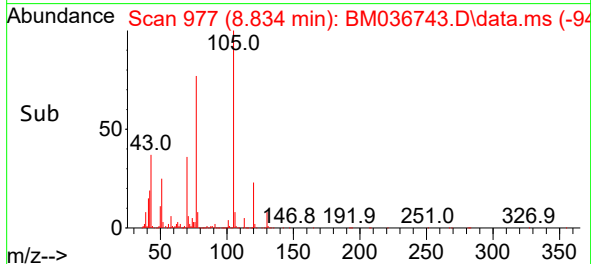
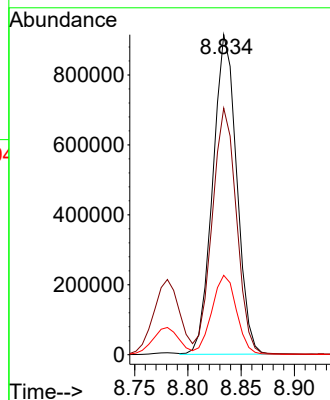
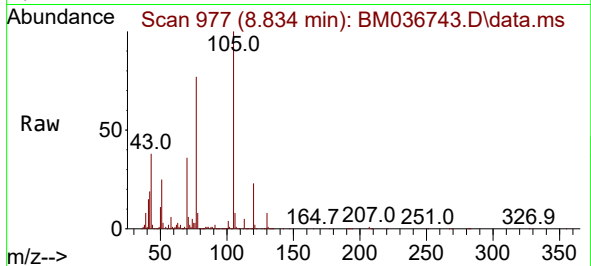




#16
Acetophenone
Concen: 33.260 ng/ul
RT: 8.834 min Scan# 91
Delta R.T. 0.000 min
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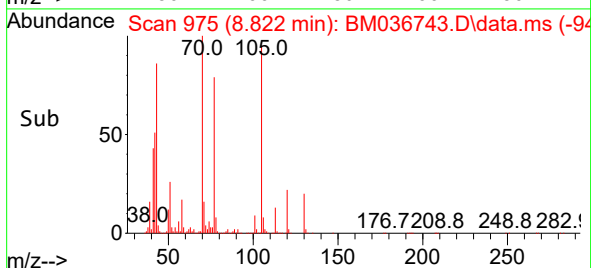
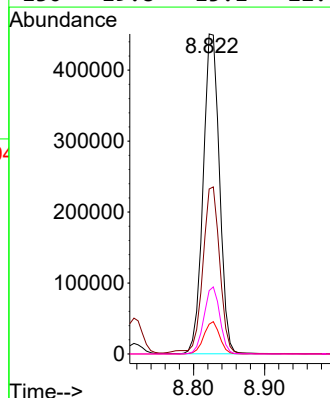
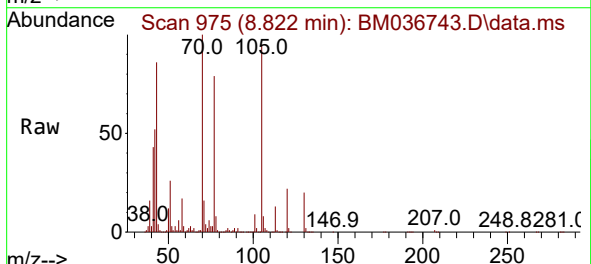
Instrument :
BNA_M
ClientSampleId :

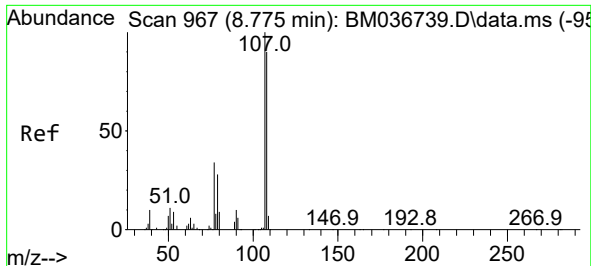
Tgt Ion:105 Resp: 1427499
Ion Ratio Lower Upper
105 100
77 77.1 61.6 92.4
51 24.8 20.5 30.7



#17
N-Nitroso-di-n-propylamine
Concen: 34.908 ng/ul
RT: 8.822 min Scan# 975
Delta R.T. 0.006 min
Lab File: BM036743.D
Acq: 26 Sep 2022 13:42

Tgt Ion: 70 Resp: 722929
Ion Ratio Lower Upper
70 100
42 51.5 43.0 64.4
101 9.3 7.7 11.5
130 19.8 15.1 22.7

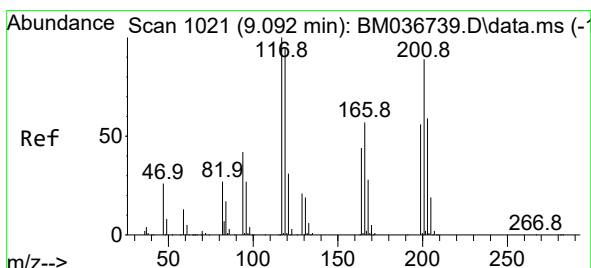
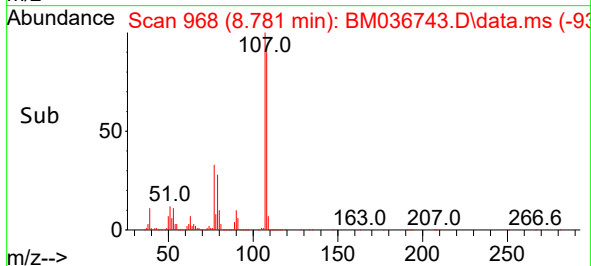
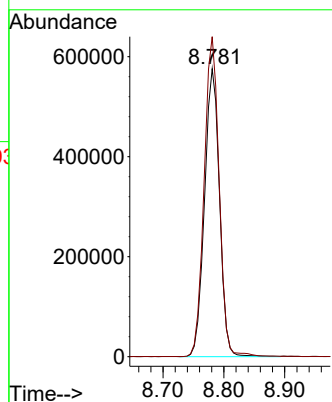
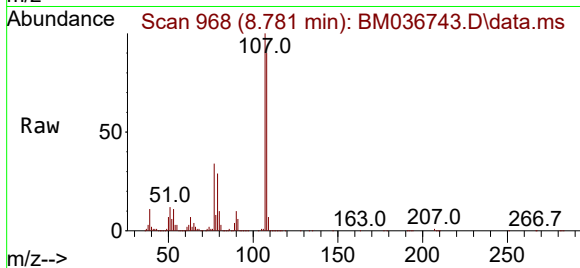




#18
4-Methylphenol
Concen: 34.506 ng/ul
RT: 8.781 min Scan# 968
Delta R.T. 0.006 min
Lab File: BM036743.D
Acq: 26 Sep 2022 13:42

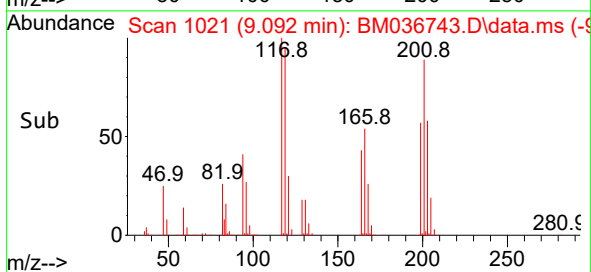
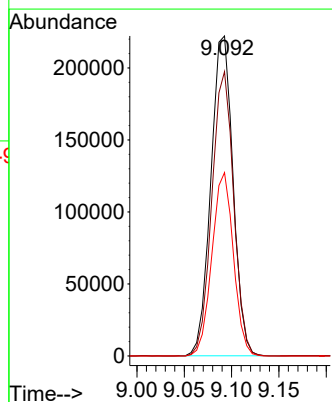
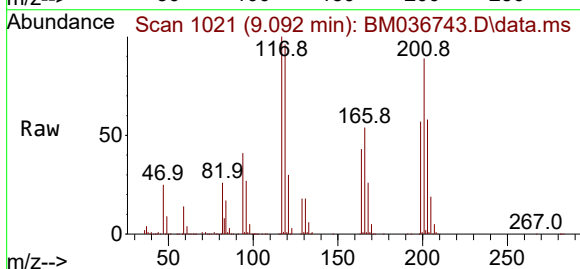
Instrument :
BNA_M
ClientSampleId :

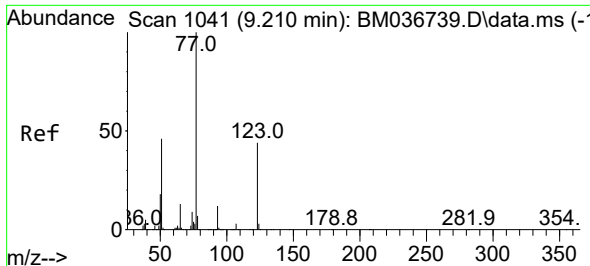
Tgt Ion:108 Resp: 985743
Ion Ratio Lower Upper
108 100
107 111.1 89.4 134.0



#19
Hexachloroethane
Concen: 34.210 ng/ul
RT: 9.092 min Scan# 1021
Delta R.T. 0.000 min
Lab File: BM036743.D
Acq: 26 Sep 2022 13:42

Tgt Ion:117 Resp: 361376
Ion Ratio Lower Upper
117 100
201 88.9 68.7 103.1
199 58.6 43.0 64.6

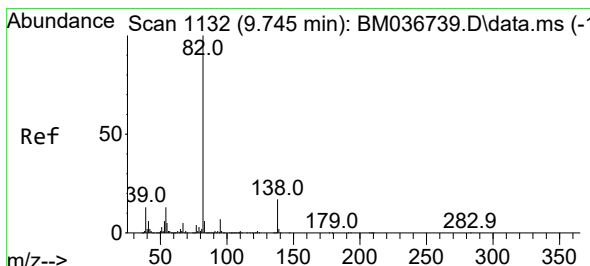
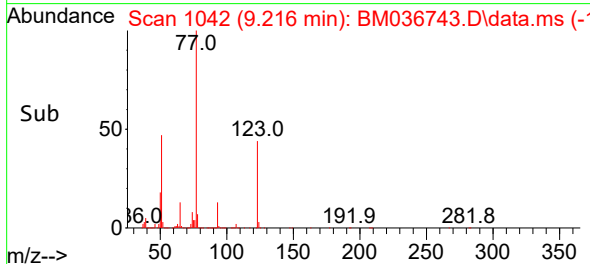
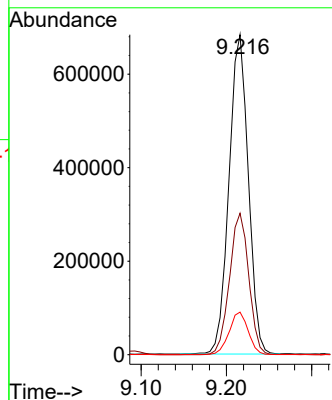
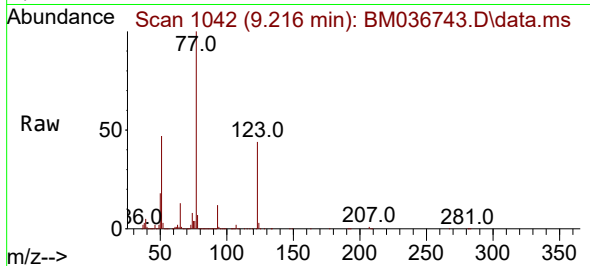




#22
Nitrobenzene
Concen: 36.426 ng/ul
RT: 9.216 min Scan# 1042
Delta R.T. 0.006 min
Lab File: BM036743.D
Acq: 26 Sep 2022 13:42

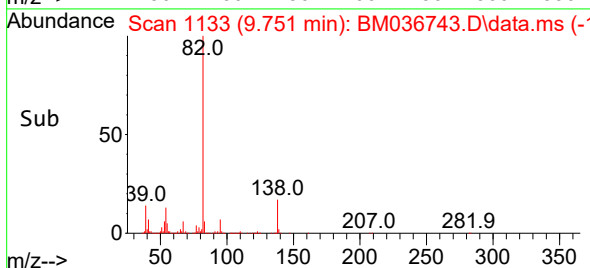
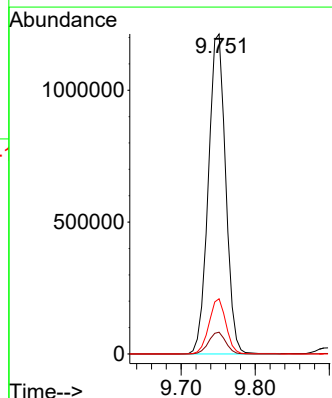
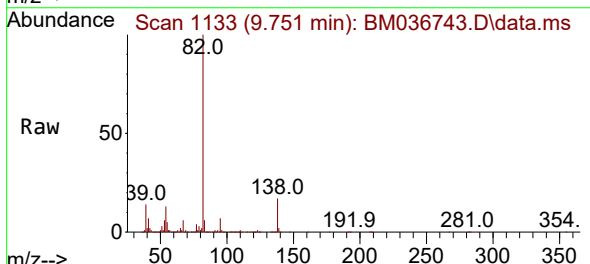
Instrument :
BNA_M
ClientSampleId :

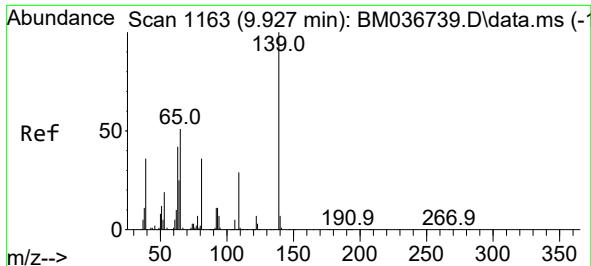
Tgt Ion: 77 Resp: 1078693
Ion Ratio Lower Upper
77 100
123 44.2 34.9 52.3
65 13.3 10.7 16.1



#23
Isophorone
Concen: 32.627 ng/ul
RT: 9.751 min Scan# 1133
Delta R.T. 0.006 min
Lab File: BM036743.D
Acq: 26 Sep 2022 13:42

Tgt Ion: 82 Resp: 1970031
Ion Ratio Lower Upper
82 100
95 6.8 5.4 8.2
138 17.2 13.5 20.3

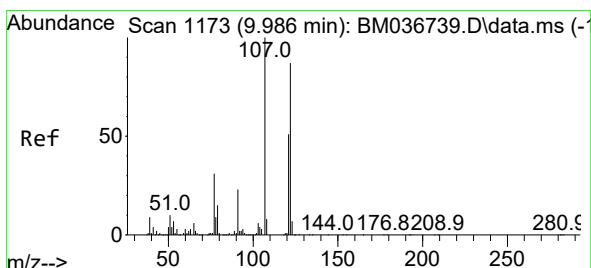
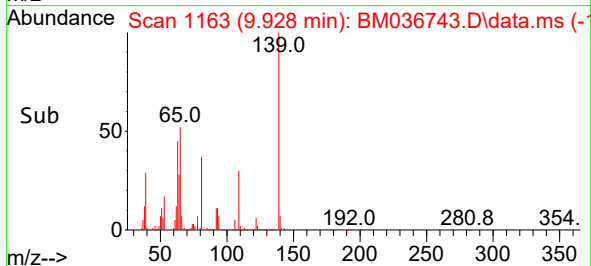
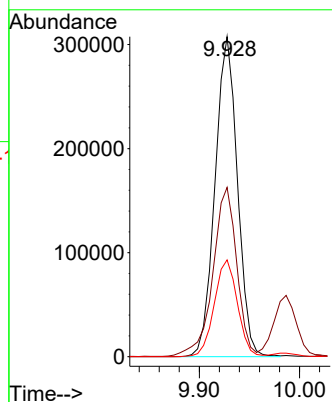
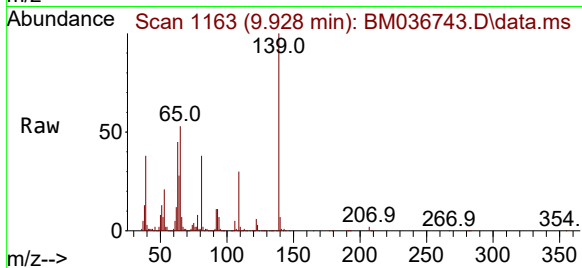




#25
2-Nitrophenol
Concen: 38.666 ng/ul
RT: 9.928 min Scan# 1163
Delta R.T. 0.000 min
Lab File: BM036743.D
Acq: 26 Sep 2022 13:42

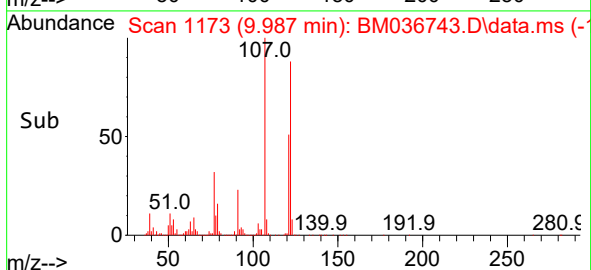
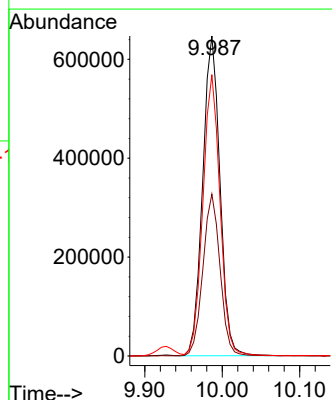
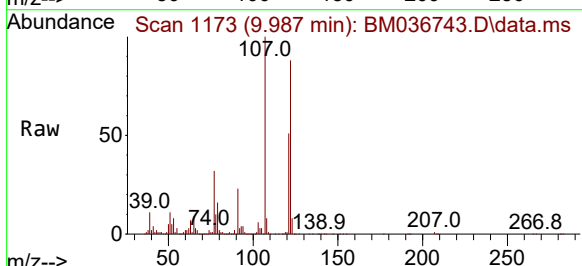
Instrument :
BNA_M
ClientSampleId :

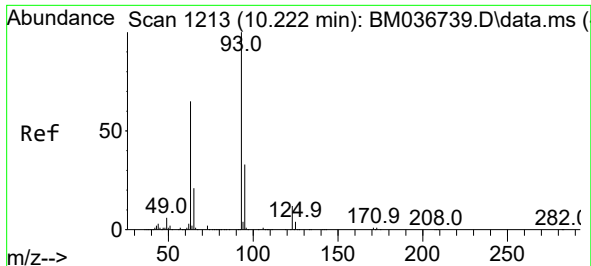
Tgt Ion:139 Resp: 477117
Ion Ratio Lower Upper
139 100
65 52.9 40.9 61.3
109 30.3 23.9 35.9



#26
2,4-Dimethylphenol
Concen: 32.910 ng/ul
RT: 9.987 min Scan# 1173
Delta R.T. 0.000 min
Lab File: BM036743.D
Acq: 26 Sep 2022 13:42

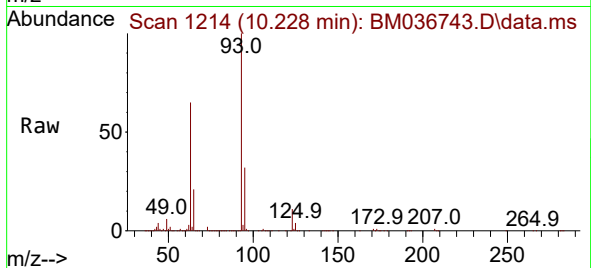
Tgt Ion:107 Resp: 1001603
Ion Ratio Lower Upper
107 100
121 50.6 39.4 59.2
122 87.9 69.1 103.7



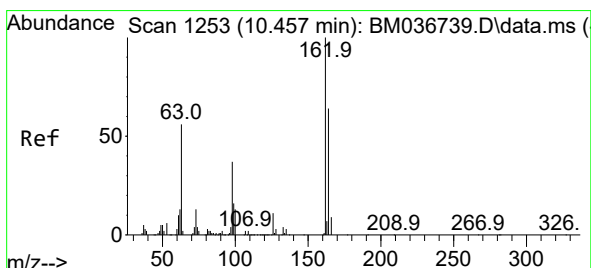
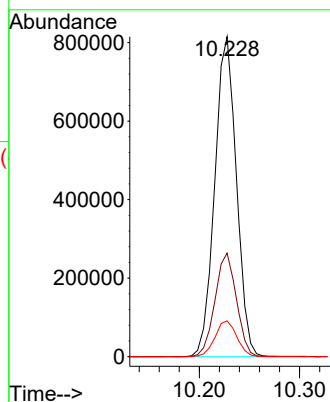
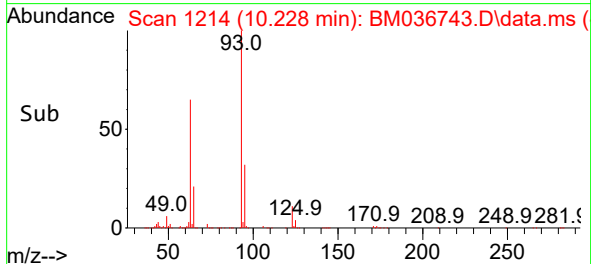


#27
 Bis(2-Chloroethoxy)methane
 Concen: 33.960 ng/ul
 RT: 10.228 min Scan# 1213
 Delta R.T. 0.006 min
 Lab File: BM036743.D
 Acq: 26 Sep 2022 13:42

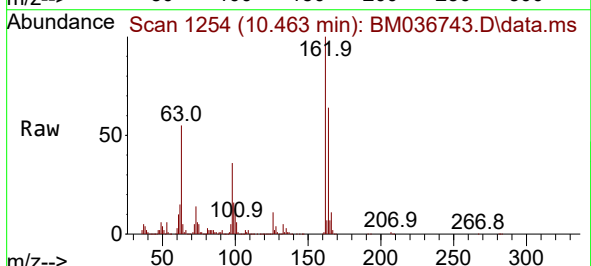
Instrument :
 BNA_M
 ClientSampleId :



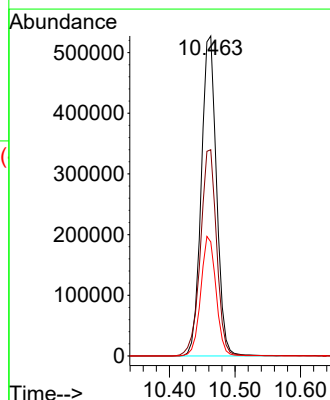
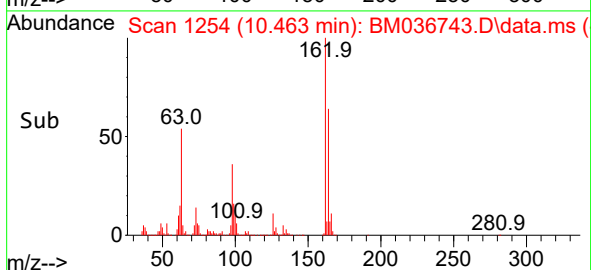
Tgt Ion: 93 Resp: 1222193
 Ion Ratio Lower Upper
 93 100
 95 32.4 26.2 39.4
 123 11.2 9.2 13.8

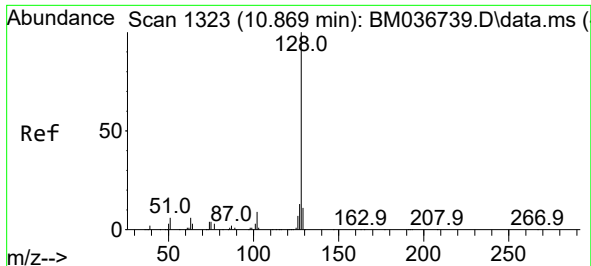


#29
 2,4-Dichlorophenol
 Concen: 35.175 ng/ul
 RT: 10.463 min Scan# 1254
 Delta R.T. 0.006 min
 Lab File: BM036743.D
 Acq: 26 Sep 2022 13:42



Tgt Ion: 162 Resp: 856182
 Ion Ratio Lower Upper
 162 100
 164 64.4 52.1 78.1
 98 35.6 29.1 43.7

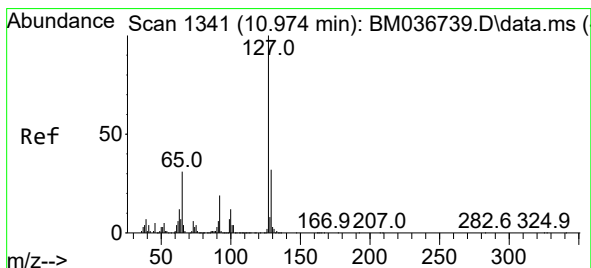
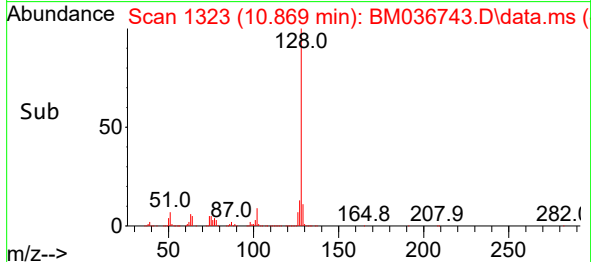
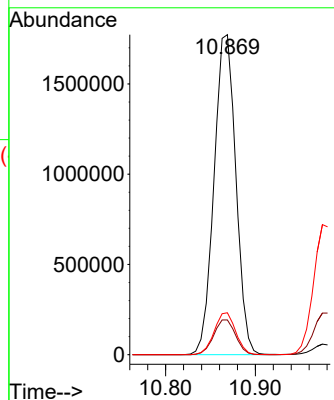
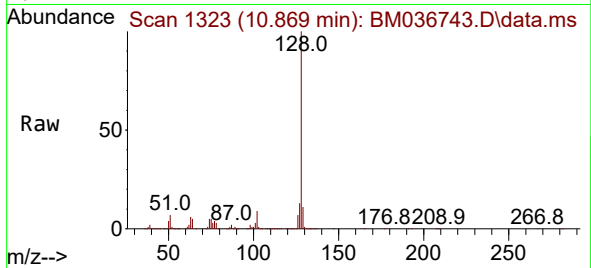




#30
Naphthalene
Concen: 33.400 ng/ul
RT: 10.869 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM036743.D
Acq: 26 Sep 2022 13:42

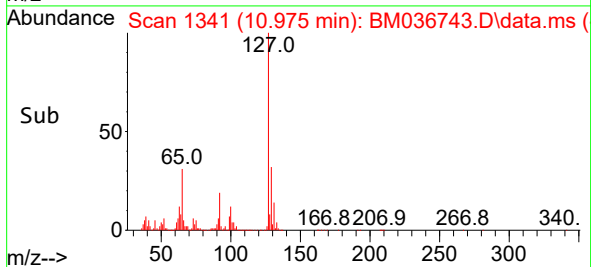
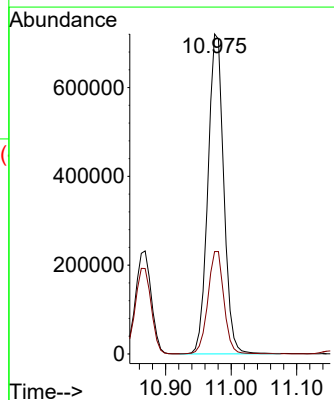
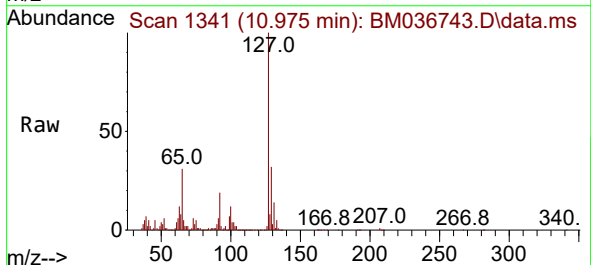
Instrument :
BNA_M
ClientSampleId :

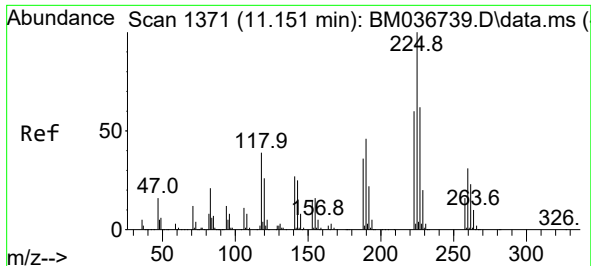
Tgt Ion:128 Resp: 2998262
Ion Ratio Lower Upper
128 100
129 10.8 8.7 13.1
127 13.1 10.3 15.5



#32
4-Chloroaniline
Concen: 30.391 ng/ul
RT: 10.975 min Scan# 1341
Delta R.T. 0.000 min
Lab File: BM036743.D
Acq: 26 Sep 2022 13:42

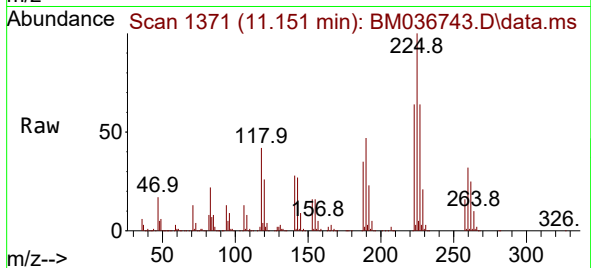
Tgt Ion:127 Resp: 1207818
Ion Ratio Lower Upper
127 100
129 32.0 25.4 38.2



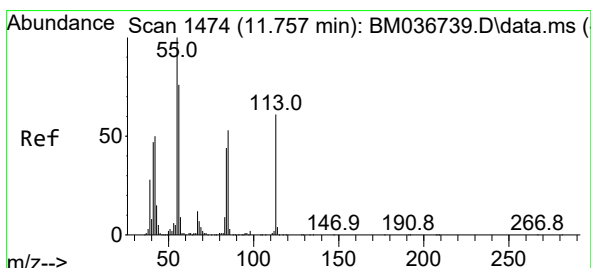
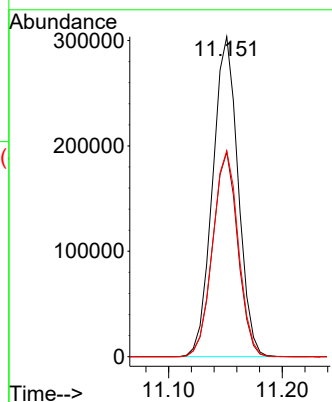
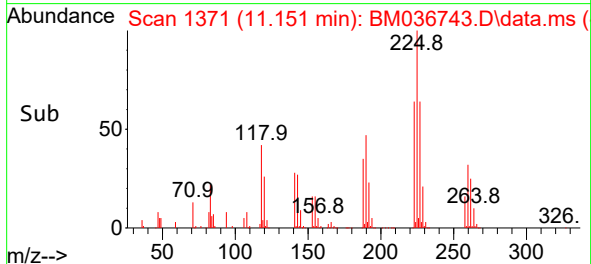


#33
Hexachlorobutadiene
Concen: 31.740 ng/ul
RT: 11.151 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM036743.D
Acq: 26 Sep 2022 13:42

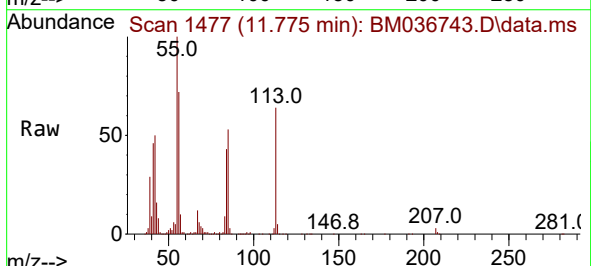
Instrument :
BNA_M
ClientSampleId :



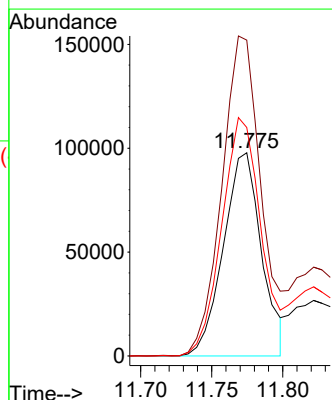
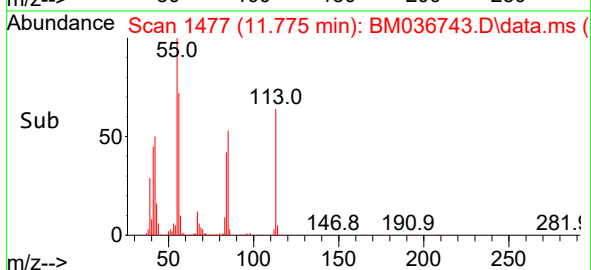
Tgt Ion:225 Resp: 472507
Ion Ratio Lower Upper
225 100
223 63.9 49.8 74.8
227 64.4 51.0 76.6

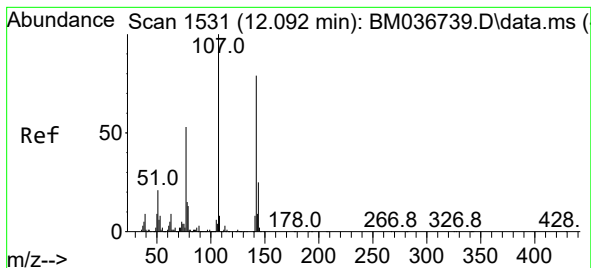


#34
Caprolactam
Concen: 23.094 ng/ul
RT: 11.775 min Scan# 1477
Delta R.T. 0.018 min
Lab File: BM036743.D
Acq: 26 Sep 2022 13:42



Tgt Ion:113 Resp: 182342
Ion Ratio Lower Upper
113 100
55 155.4 127.5 191.3
56 112.5 94.6 142.0

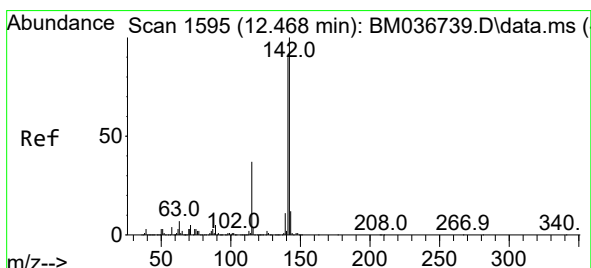
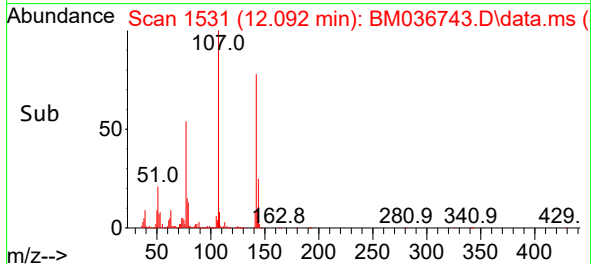
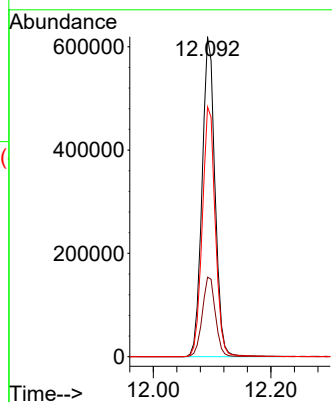
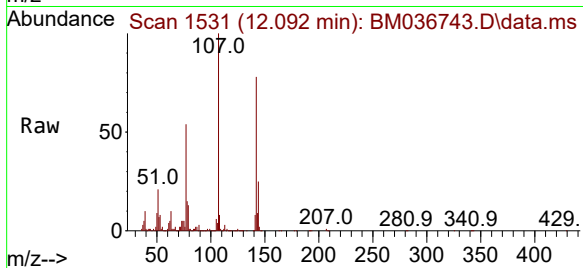




#35
 4-Chloro-3-methylphenol
 Concen: 35.240 ng/ul
 RT: 12.092 min Scan# 1531
 Delta R.T. 0.000 min
 Lab File: BM036743.D
 Acq: 26 Sep 2022 13:42

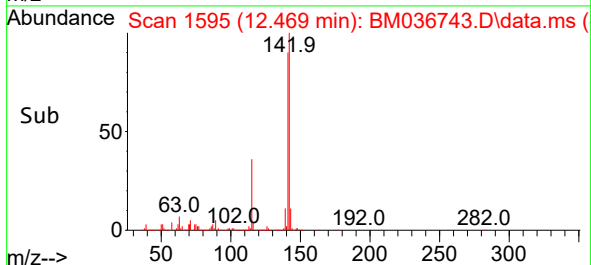
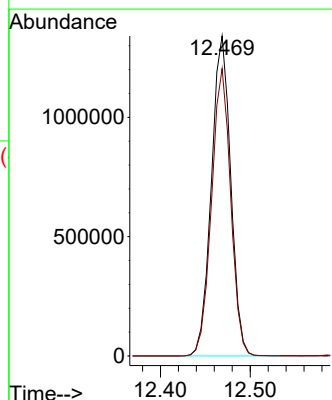
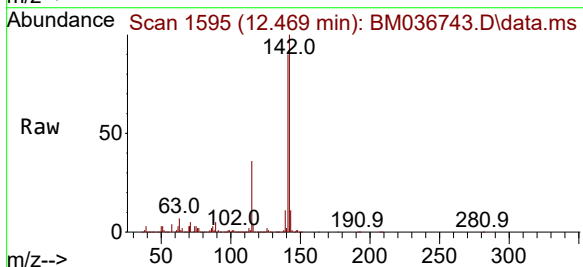
Instrument :
 BNA_M
 ClientSampleId :

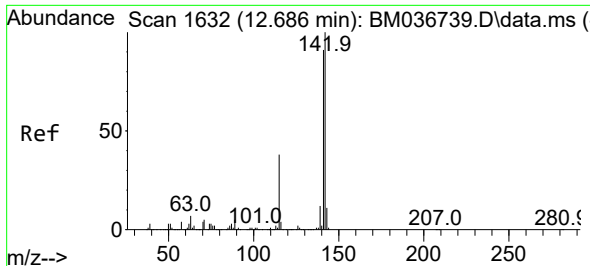
Tgt Ion:107 Resp: 946861
 Ion Ratio Lower Upper
 107 100
 144 24.8 21.5 32.3
 142 78.1 63.9 95.9



#36
 2-Methylnaphthalene
 Concen: 33.486 ng/ul
 RT: 12.469 min Scan# 1595
 Delta R.T. 0.000 min
 Lab File: BM036743.D
 Acq: 26 Sep 2022 13:42

Tgt Ion:142 Resp: 2002805
 Ion Ratio Lower Upper
 142 100
 141 89.8 70.7 106.1





#37

1-Methylnaphthalene

Concen: 34.002 ng/ul

RT: 12.686 min Scan# 1

Delta R.T. 0.000 min

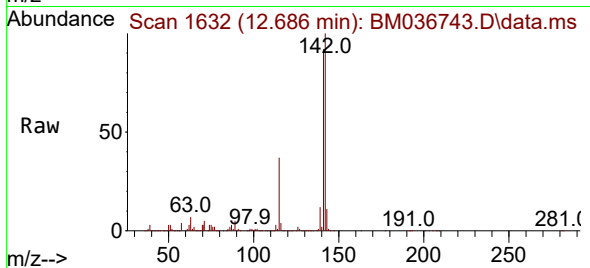
Lab File: BM036743.D

Acq: 26 Sep 2022 13:42

Instrument :

BNA_M

ClientSampleId :



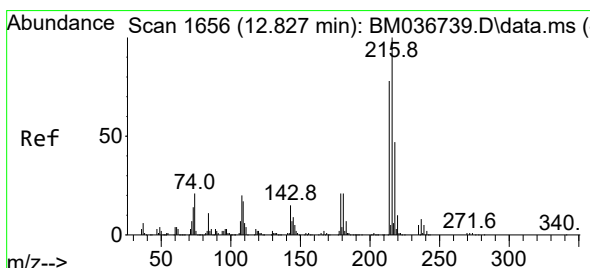
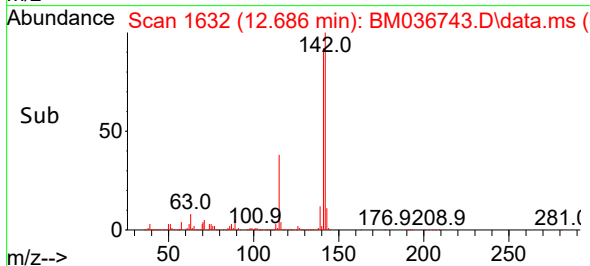
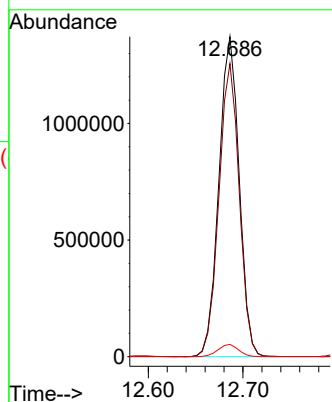
Tgt Ion:142 Resp: 2044456

Ion Ratio Lower Upper

142 100

141 91.6 73.4 110.2

116 3.9 3.1 4.7



#39

1,2,4,5-Tetrachlorobenzene

Concen: 33.300 ng/ul

RT: 12.833 min Scan# 1657

Delta R.T. 0.006 min

Lab File: BM036743.D

Acq: 26 Sep 2022 13:42

Tgt Ion:216 Resp: 967277

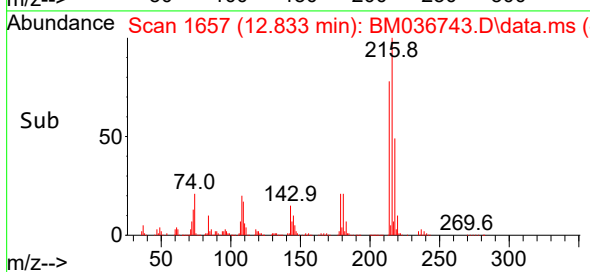
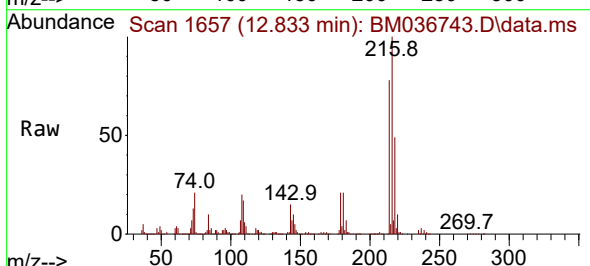
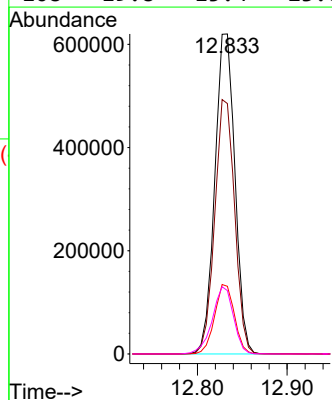
Ion Ratio Lower Upper

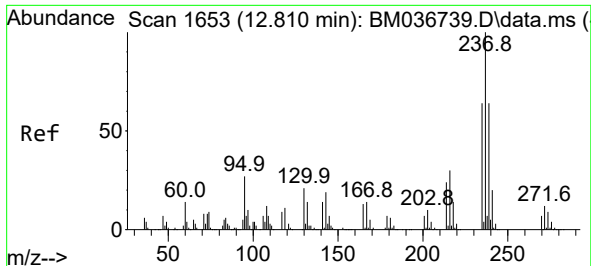
216 100

214 78.2 62.4 93.6

179 21.2 16.7 25.1

108 19.8 15.4 23.0

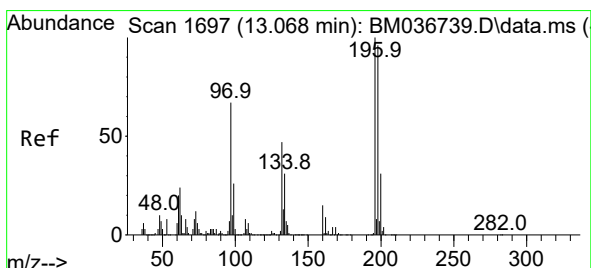
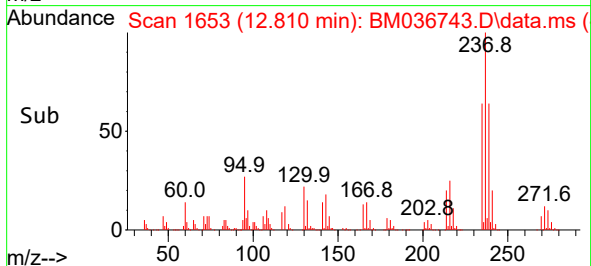
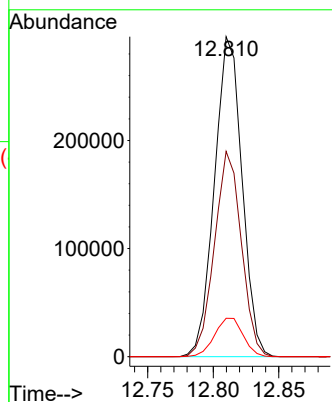
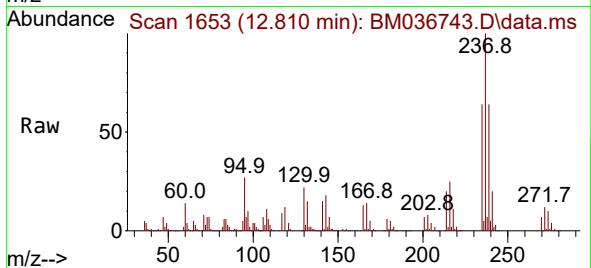




#40
Hexachlorocyclopentadiene
Concen: 28.552 ng/ul
RT: 12.810 min Scan# 1653
Delta R.T. 0.000 min
Lab File: BM036743.D
Acq: 26 Sep 2022 13:42

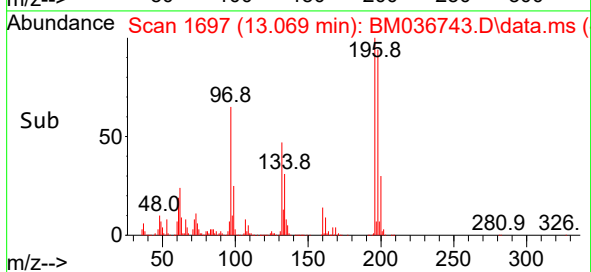
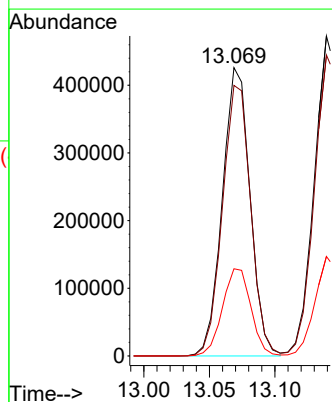
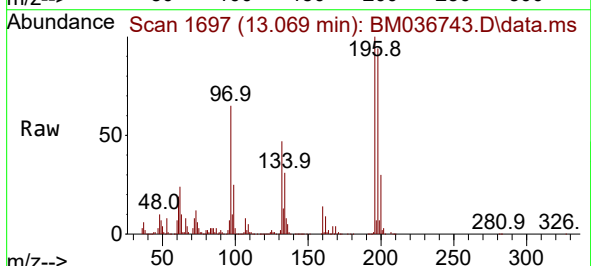
Instrument :
BNA_M
ClientSampleId :

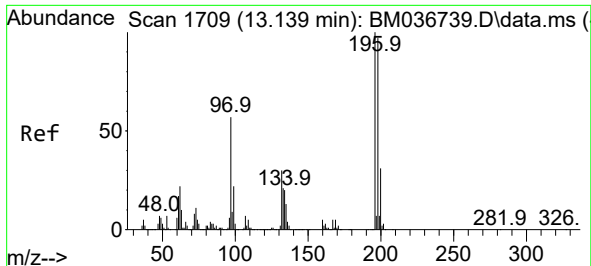
Tgt Ion:237 Resp: 432214
Ion Ratio Lower Upper
237 100
235 64.2 50.9 76.3
272 12.7 10.3 15.5



#41
2,4,6-Trichlorophenol
Concen: 35.215 ng/ul
RT: 13.069 min Scan# 1697
Delta R.T. 0.000 min
Lab File: BM036743.D
Acq: 26 Sep 2022 13:42

Tgt Ion:196 Resp: 626310
Ion Ratio Lower Upper
196 100
198 93.8 77.3 115.9
200 30.3 25.2 37.8

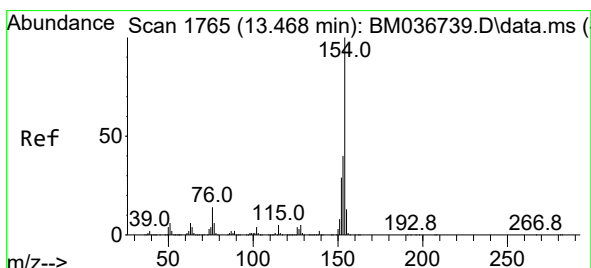
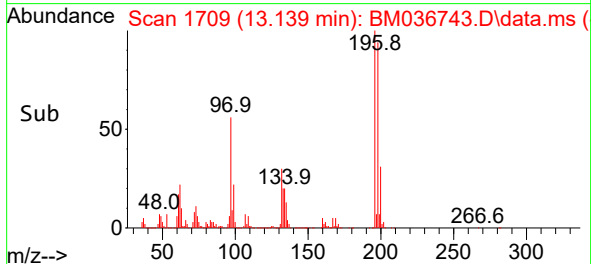
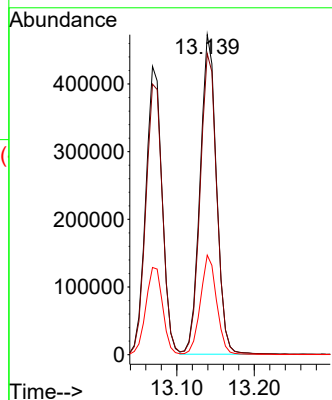
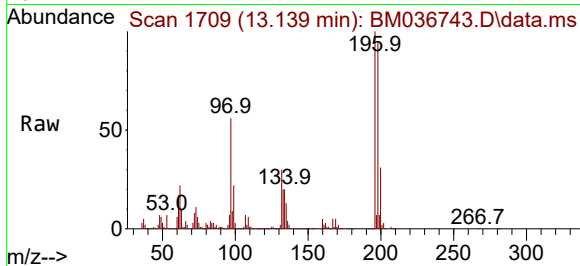




#42
 2,4,5-Trichlorophenol
 Concen: 36.354 ng/ul
 RT: 13.139 min Scan# 1709
 Delta R.T. 0.000 min
 Lab File: BM036743.D
 Acq: 26 Sep 2022 13:42

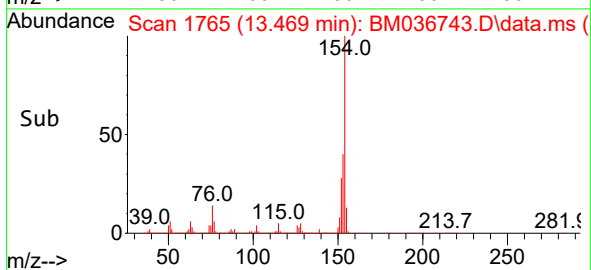
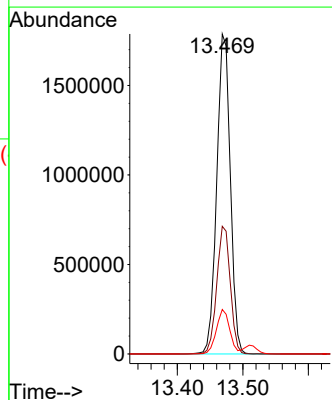
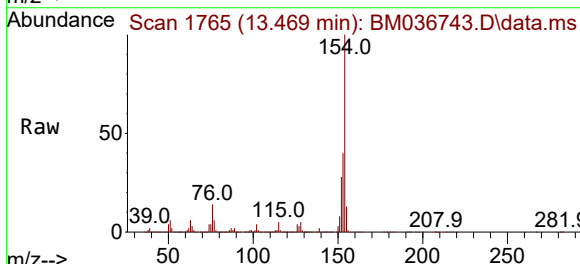
Instrument :
 BNA_M
 ClientSampleId :

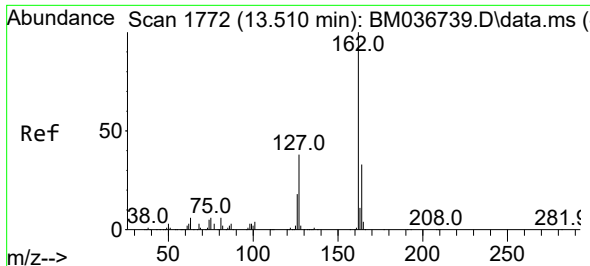
Tgt Ion:196 Resp: 693197
 Ion Ratio Lower Upper
 196 100
 198 94.1 75.6 113.4
 200 31.1 24.7 37.1



#43
 1,1'-Biphenyl
 Concen: 33.787 ng/ul
 RT: 13.469 min Scan# 1765
 Delta R.T. 0.000 min
 Lab File: BM036743.D
 Acq: 26 Sep 2022 13:42

Tgt Ion:154 Resp: 2556033
 Ion Ratio Lower Upper
 154 100
 153 39.9 31.4 47.2
 76 13.9 10.4 15.6

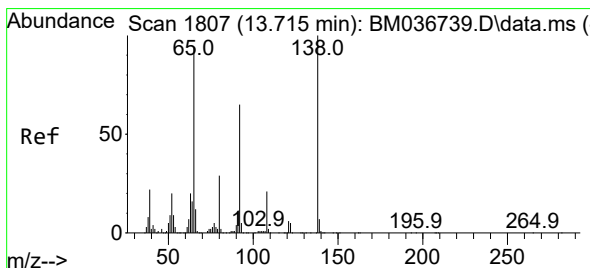
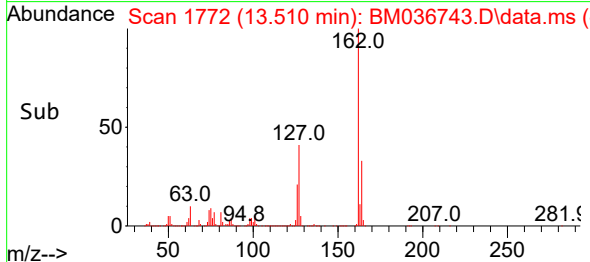
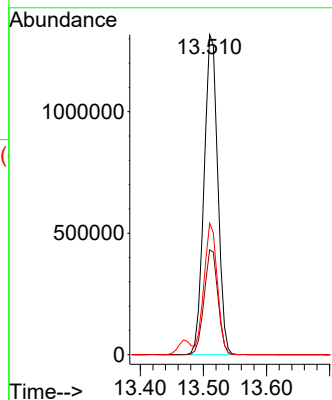
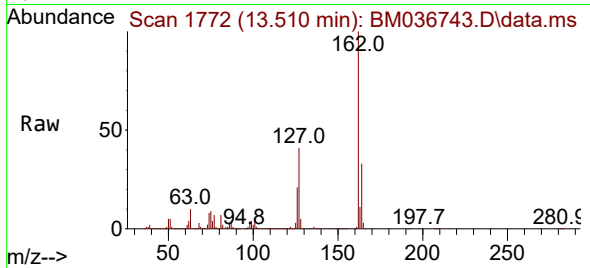




#44
2-Chloronaphthalene
Concen: 33.396 ng/ul
RT: 13.510 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM036743.D
Acq: 26 Sep 2022 13:42

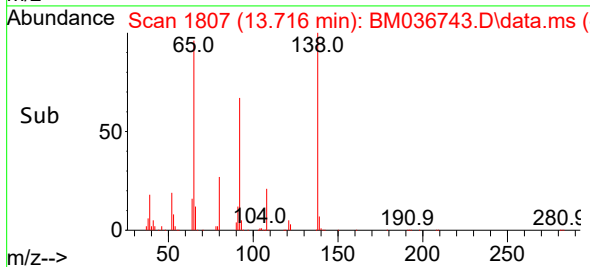
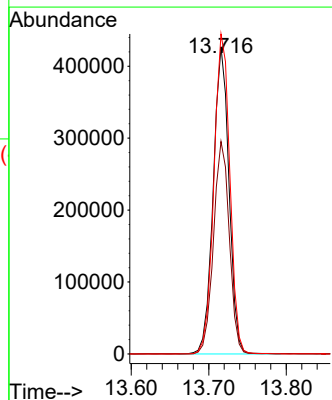
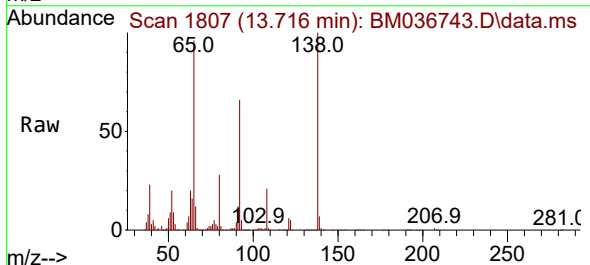
Instrument :
BNA_M
ClientSampleId :

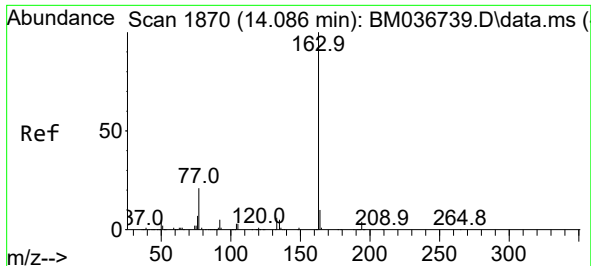
Tgt Ion:162 Resp: 1982510
Ion Ratio Lower Upper
162 100
164 32.8 26.2 39.2
127 41.0 32.6 49.0



#45
2-Nitroaniline
Concen: 41.272 ng/ul
RT: 13.716 min Scan# 1807
Delta R.T. 0.000 min
Lab File: BM036743.D
Acq: 26 Sep 2022 13:42

Tgt Ion: 65 Resp: 603038
Ion Ratio Lower Upper
65 100
92 69.2 54.4 81.6
138 104.2 86.1 129.1

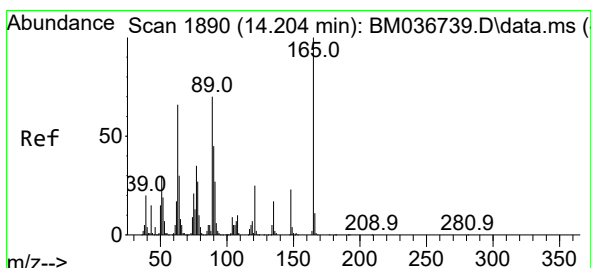
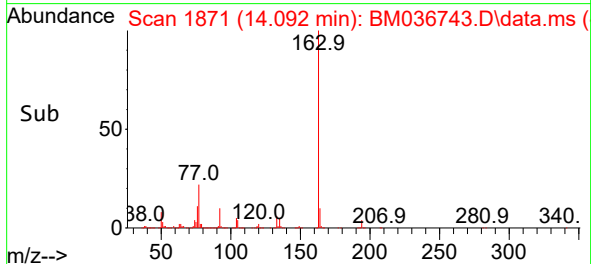
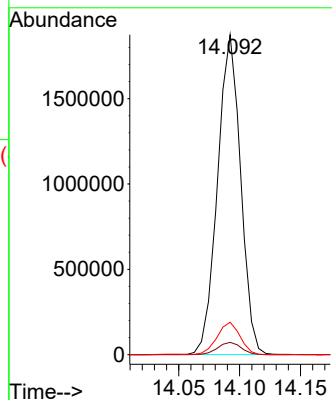
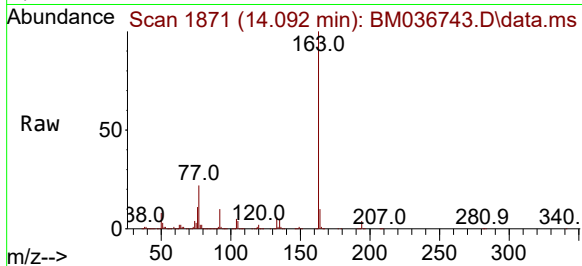




#47
Dimethylphthalate
Concen: 33.652 ng/ul
RT: 14.092 min Scan# 1871
Delta R.T. 0.006 min
Lab File: BM036743.D
Acq: 26 Sep 2022 13:42

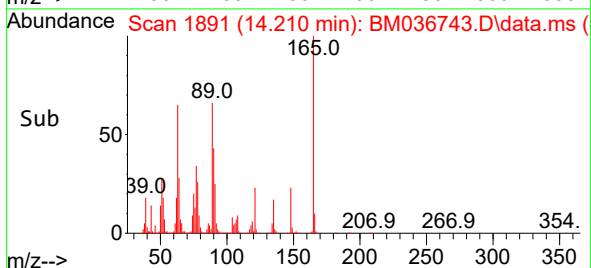
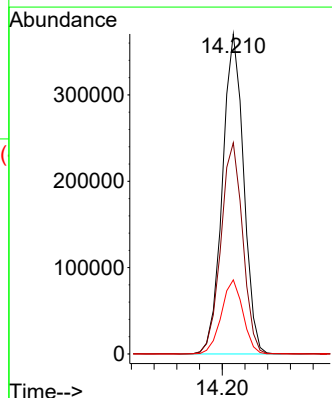
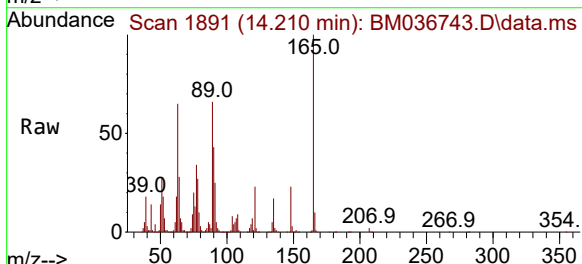
Instrument :
BNA_M
ClientSampleId :

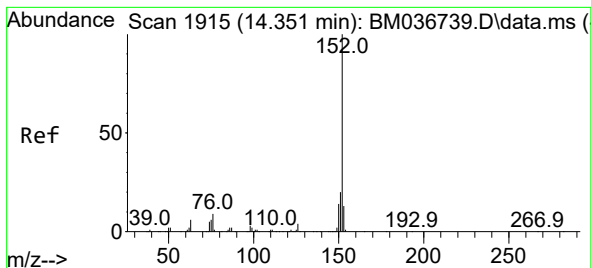
Tgt Ion:163 Resp: 2470773
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.6
164 10.2 8.3 12.5



#48
2,6-Dinitrotoluene
Concen: 40.330 ng/ul
RT: 14.210 min Scan# 1891
Delta R.T. 0.006 min
Lab File: BM036743.D
Acq: 26 Sep 2022 13:42

Tgt Ion:165 Resp: 481413
Ion Ratio Lower Upper
165 100
89 66.0 52.8 79.2
121 23.2 19.4 29.0





#50

Acenaphthylene

Concen: 33.500 ng/ul

RT: 14.357 min Scan# 1916

Delta R.T. 0.006 min

Lab File: BM036743.D

Acq: 26 Sep 2022 13:42

Instrument :

BNA_M

ClientSampleId :

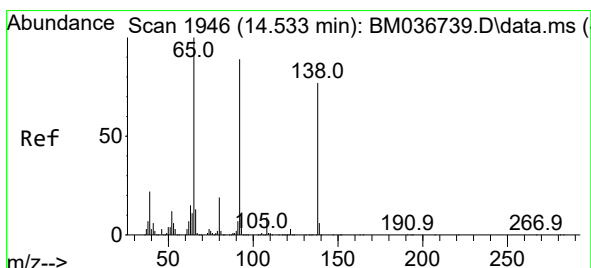
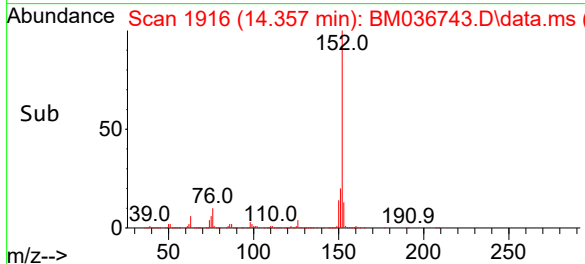
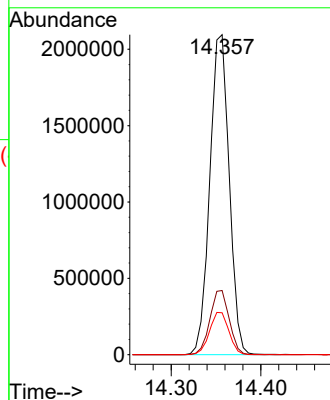
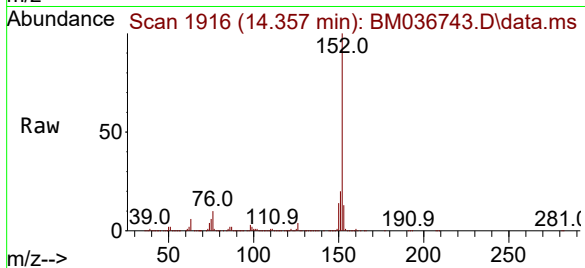
Tgt Ion:152 Resp: 3144474

Ion Ratio Lower Upper

152 100

151 20.0 15.7 23.5

153 13.1 10.5 15.7



#51

3-Nitroaniline

Concen: 37.620 ng/ul

RT: 14.539 min Scan# 1947

Delta R.T. 0.006 min

Lab File: BM036743.D

Acq: 26 Sep 2022 13:42

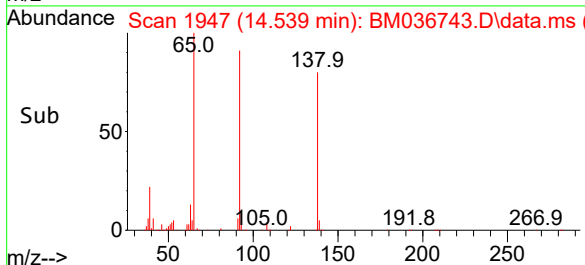
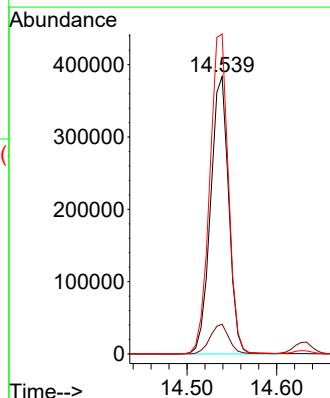
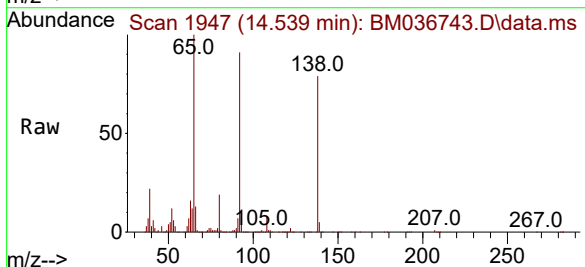
Tgt Ion:138 Resp: 538590

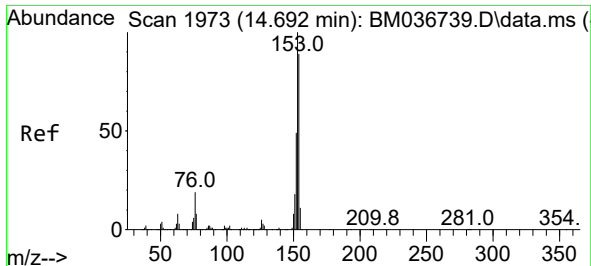
Ion Ratio Lower Upper

138 100

108 10.7 12.5 18.7#

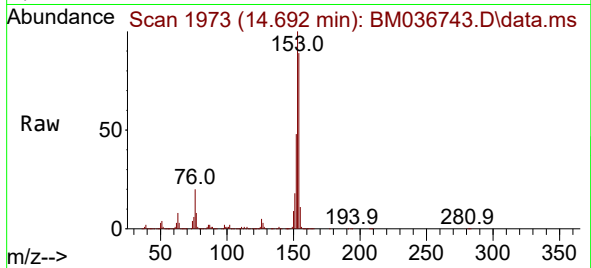
92 115.3 95.4 143.2



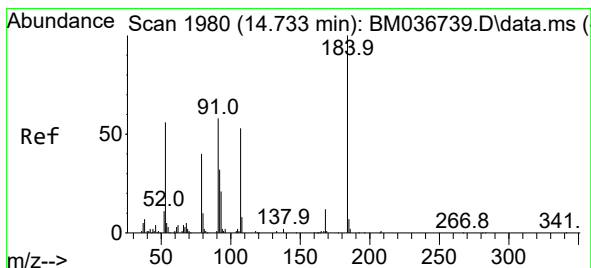
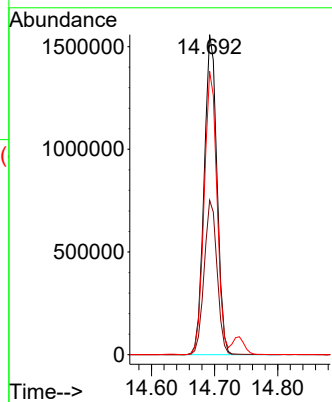
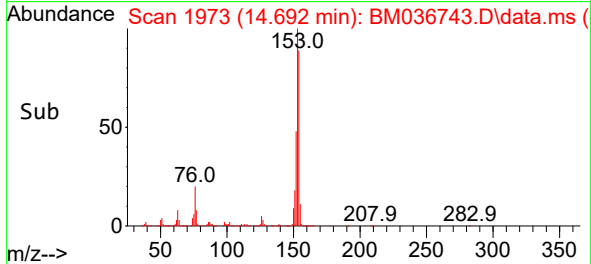


#52
Acenaphthene
Concen: 33.532 ng/ul
RT: 14.692 min Scan# 1973
Delta R.T. 0.000 min
Lab File: BM036743.D
Acq: 26 Sep 2022 13:42

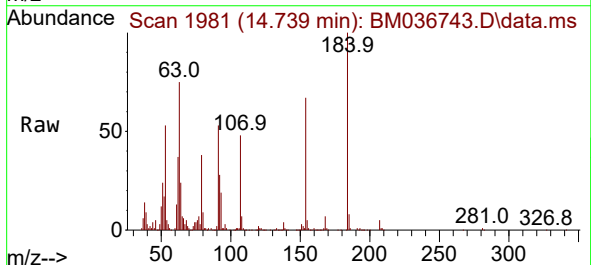
Instrument :
BNA_M
ClientSampleId :



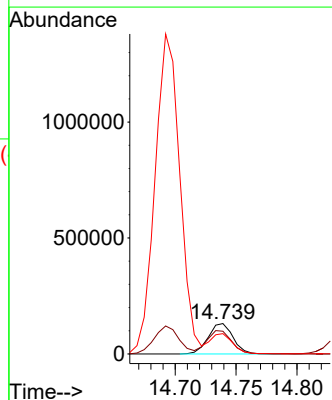
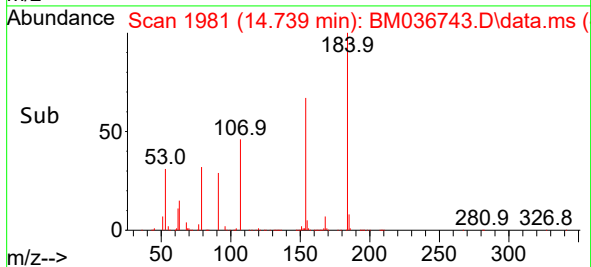
Tgt Ion:153 Resp: 2202322
Ion Ratio Lower Upper
153 100
152 48.3 38.2 57.2
154 88.6 71.0 106.6

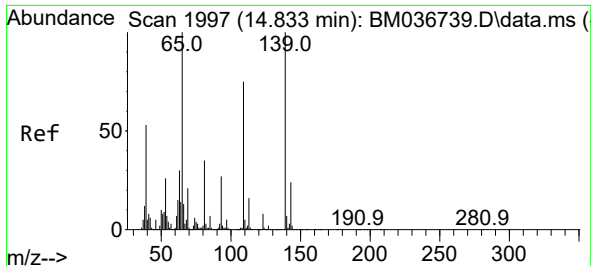


#53
2,4-Dinitrophenol
Concen: 35.030 ng/ul
RT: 14.739 min Scan# 1981
Delta R.T. 0.006 min
Lab File: BM036743.D
Acq: 26 Sep 2022 13:42



Tgt Ion:184 Resp: 185538
Ion Ratio Lower Upper
184 100
63 75.0 58.8 88.2
154 66.8 55.0 82.4





#55

4-Nitrophenol

Concen: 32.274 ng/ul

RT: 14.839 min Scan# 1997

Delta R.T. 0.006 min

Lab File: BM036743.D

Acq: 26 Sep 2022 13:42

Instrument :

BNA_M

ClientSampleId :

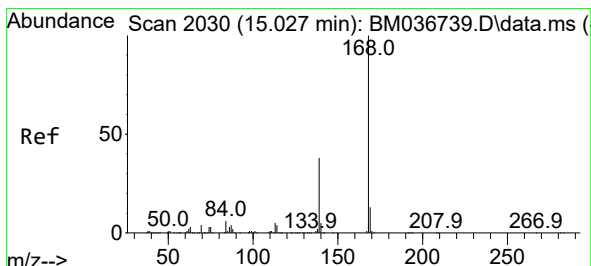
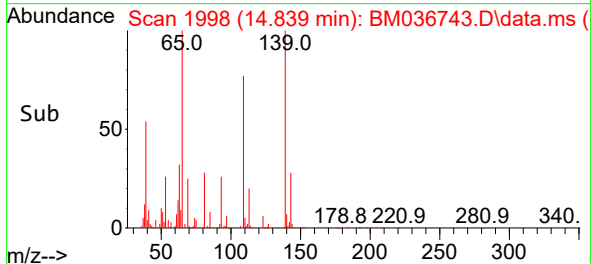
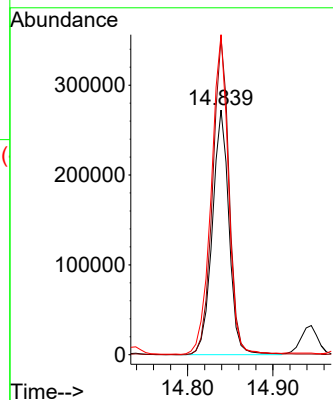
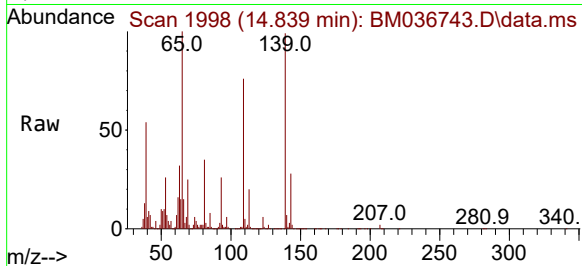
Tgt Ion:109 Resp: 370378

Ion Ratio Lower Upper

109 100

139 129.5 102.2 153.4

65 130.8 105.7 158.5



#56

Dibenzofuran

Concen: 33.550 ng/ul

RT: 15.027 min Scan# 2030

Delta R.T. 0.000 min

Lab File: BM036743.D

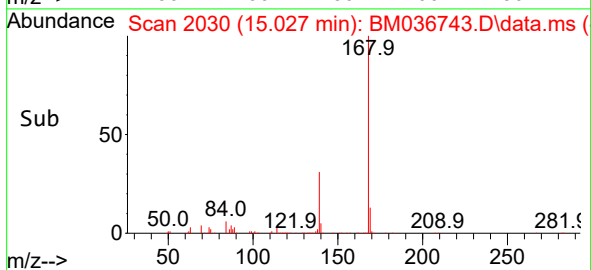
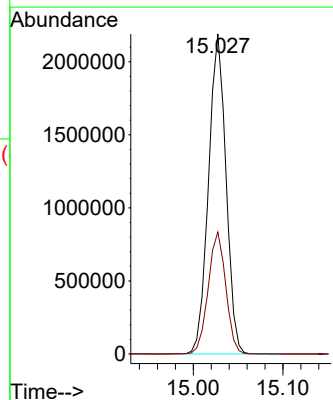
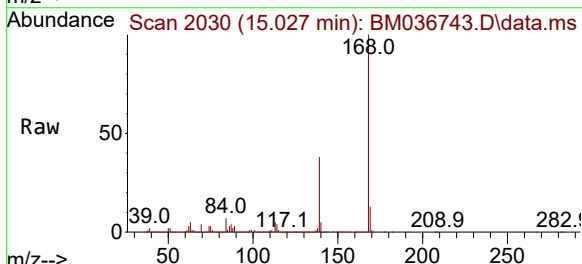
Acq: 26 Sep 2022 13:42

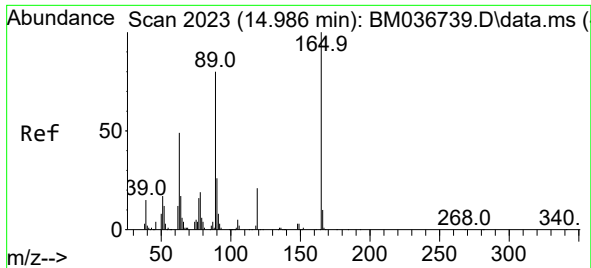
Tgt Ion:168 Resp: 2959205

Ion Ratio Lower Upper

168 100

139 38.1 29.7 44.5





#57

2,4-Dinitrotoluene

Concen: 40.211 ng/ul

RT: 14.992 min Scan# 20

Delta R.T. 0.006 min

Lab File: BM036743.D

Acq: 26 Sep 2022 13:42

Instrument :

BNA_M

ClientSampleId :

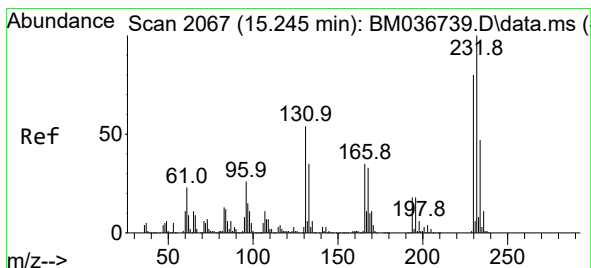
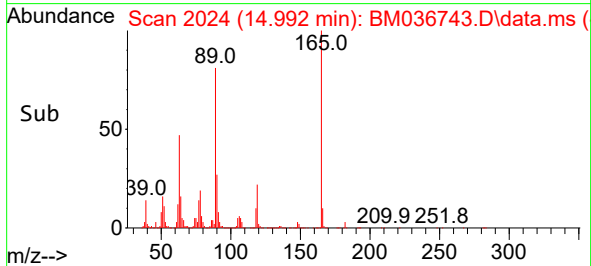
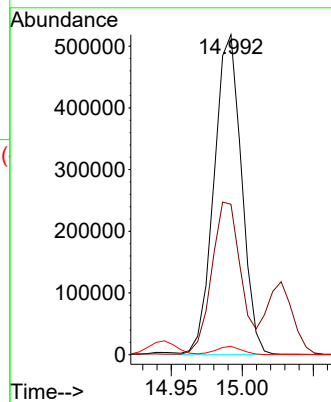
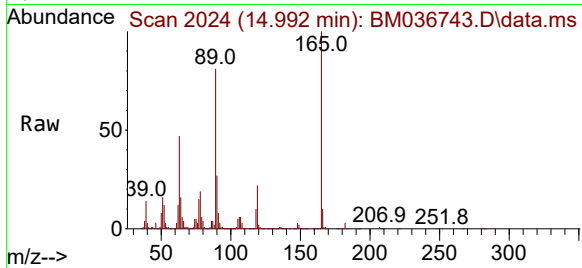
Tgt Ion:165 Resp: 697817

Ion Ratio Lower Upper

165 100

63 47.0 39.7 59.5

182 2.6 2.1 3.1



#58

2,3,4,6-Tetrachlorophenol

Concen: 34.980 ng/ul

RT: 15.251 min Scan# 2068

Delta R.T. 0.006 min

Lab File: BM036743.D

Acq: 26 Sep 2022 13:42

Tgt Ion:232 Resp: 558340

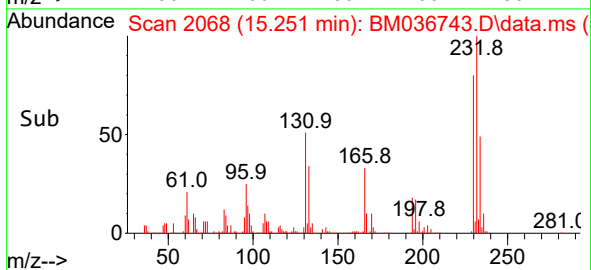
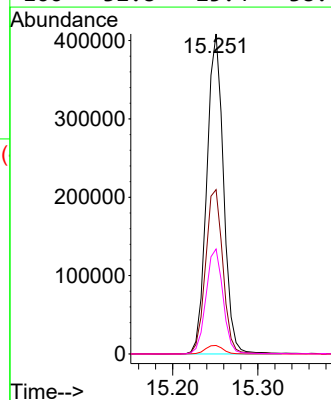
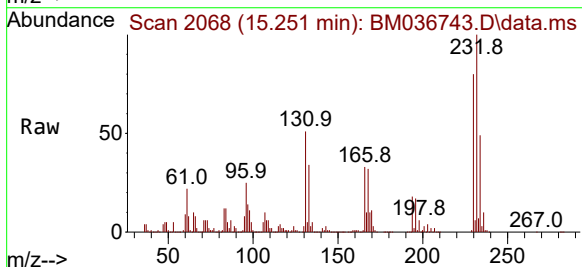
Ion Ratio Lower Upper

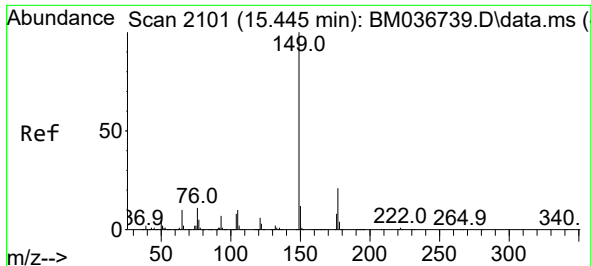
232 100

131 51.3 39.1 58.7

130 2.6 1.8 2.6#

166 32.8 25.4 38.0

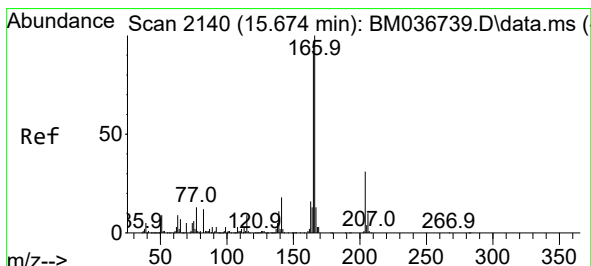
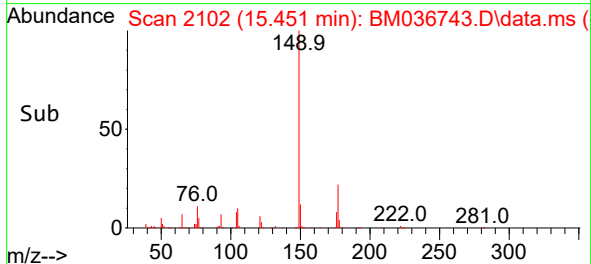
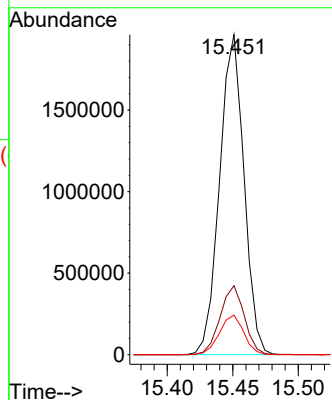
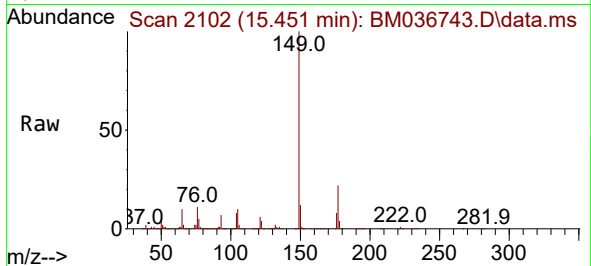




#59
Diethylphthalate
Concen: 34.474 ng/ul
RT: 15.451 min Scan# 2101
Delta R.T. 0.006 min
Lab File: BM036743.D
Acq: 26 Sep 2022 13:42

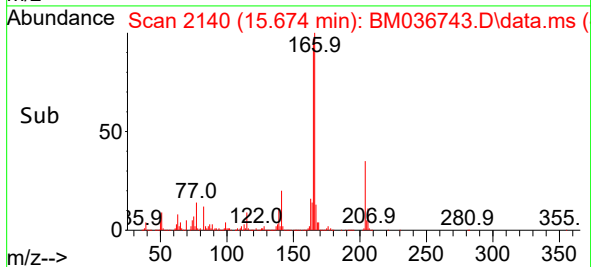
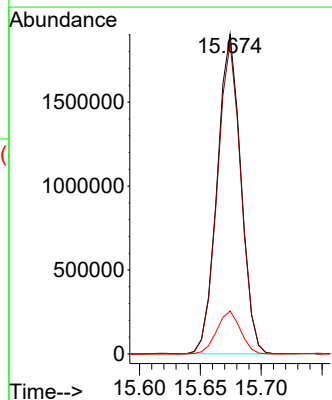
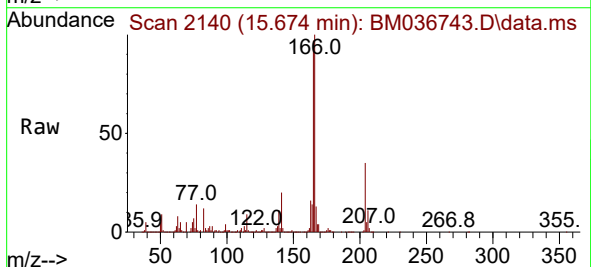
Instrument :
BNA_M
ClientSampleId :

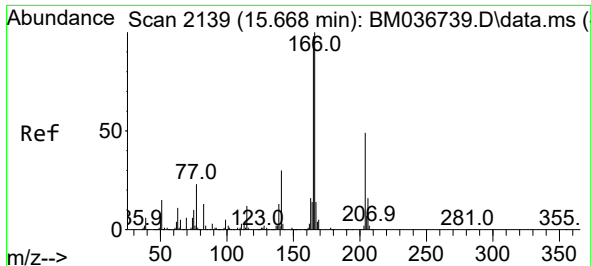
Tgt Ion:149 Resp: 2533784
Ion Ratio Lower Upper
149 100
177 21.6 17.3 25.9
150 12.3 10.1 15.1



#61
Fluorene
Concen: 34.326 ng/ul
RT: 15.674 min Scan# 2140
Delta R.T. 0.000 min
Lab File: BM036743.D
Acq: 26 Sep 2022 13:42

Tgt Ion:166 Resp: 2578612
Ion Ratio Lower Upper
166 100
165 97.4 78.5 117.7
167 13.5 10.4 15.6

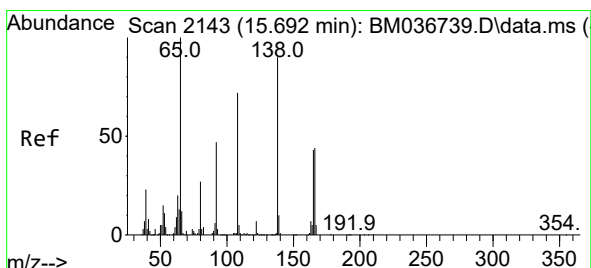
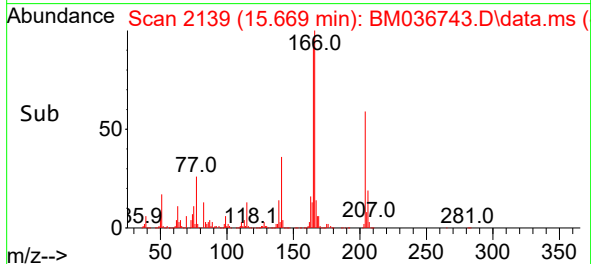
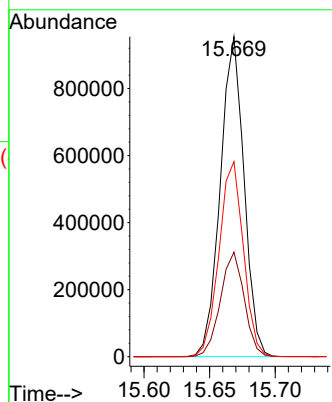
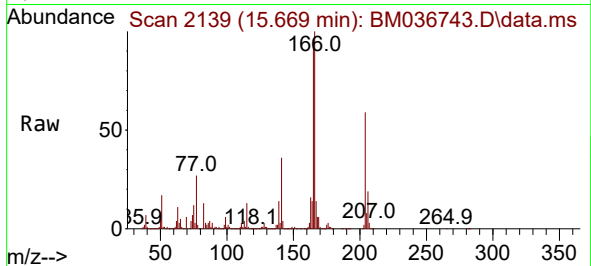




#62
4-Chlorophenyl-phenylether
Concen: 33.425 ng/ul
RT: 15.669 min Scan# 2139
Delta R.T. 0.000 min
Lab File: BM036743.D
Acq: 26 Sep 2022 13:42

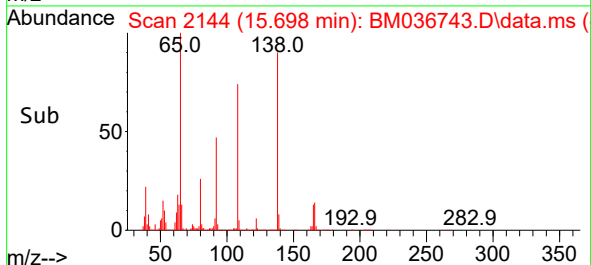
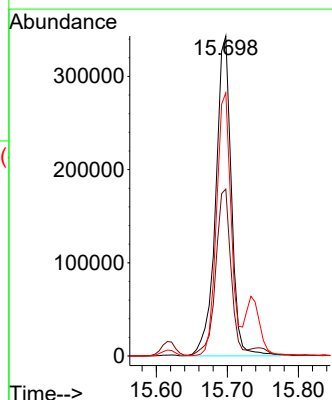
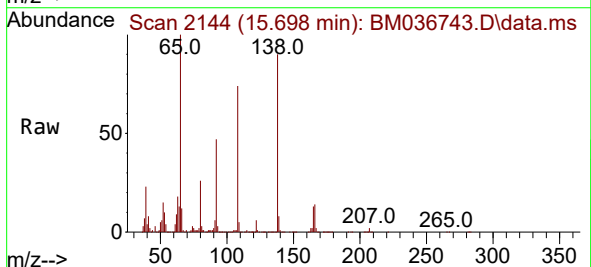
Instrument :
BNA_M
ClientSampleId :

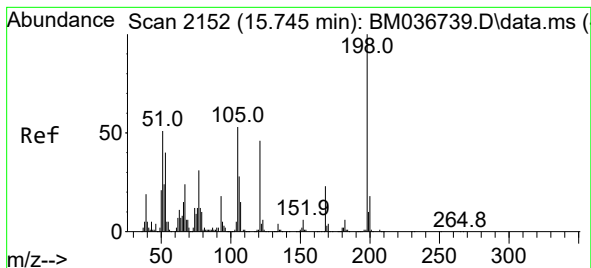
Tgt Ion:204 Resp: 1200838
Ion Ratio Lower Upper
204 100
206 32.6 25.7 38.5
141 60.9 49.4 74.0



#63
4-Nitroaniline
Concen: 37.691 ng/ul
RT: 15.698 min Scan# 2144
Delta R.T. 0.006 min
Lab File: BM036743.D
Acq: 26 Sep 2022 13:42

Tgt Ion:138 Resp: 524269
Ion Ratio Lower Upper
138 100
92 52.2 42.1 63.1
108 82.2 66.2 99.2

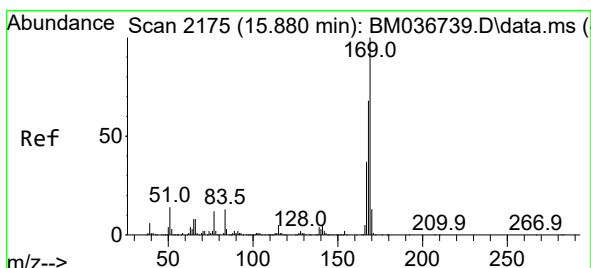
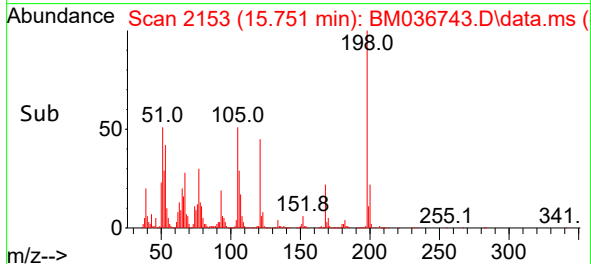
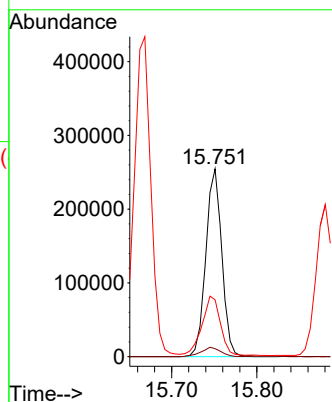
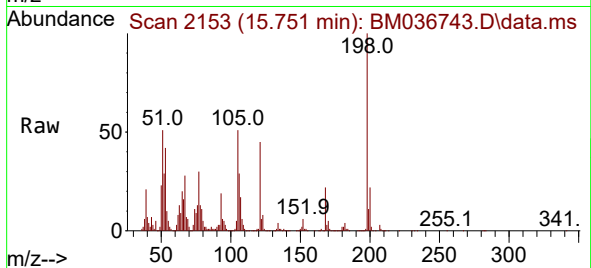




#66
 4,6-Dinitro-2-methylphenol
 Concen: 36.519 ng/ul
 RT: 15.751 min Scan# 2153
 Delta R.T. 0.006 min
 Lab File: BM036743.D
 Acq: 26 Sep 2022 13:42

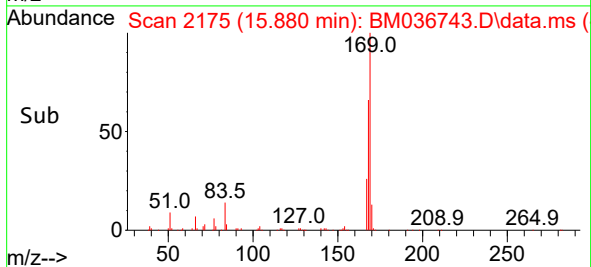
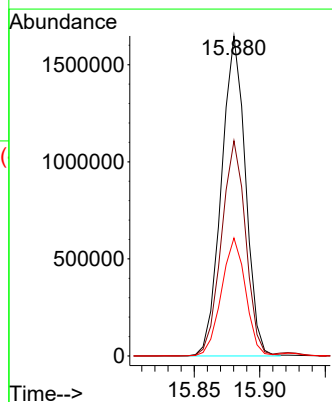
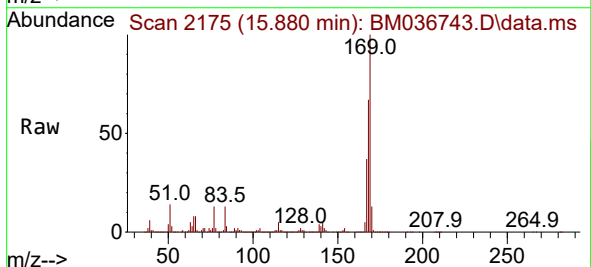
Instrument :
 BNA_M
 ClientSampleId :

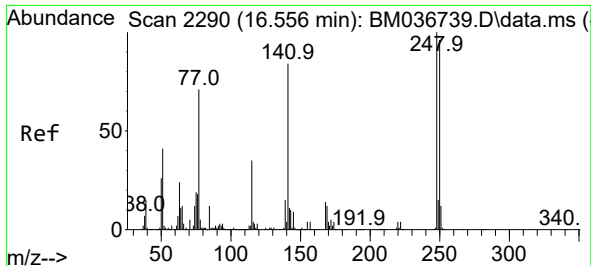
Tgt Ion:198 Resp: 332608
 Ion Ratio Lower Upper
 198 100
 182 4.3 4.2 6.2
 77 30.4 24.0 36.0



#67
 N-Nitrosodiphenylamine
 Concen: 34.936 ng/ul
 RT: 15.880 min Scan# 2175
 Delta R.T. 0.000 min
 Lab File: BM036743.D
 Acq: 26 Sep 2022 13:42

Tgt Ion:169 Resp: 2099020
 Ion Ratio Lower Upper
 169 100
 168 67.3 54.6 81.8
 167 36.9 29.6 44.4

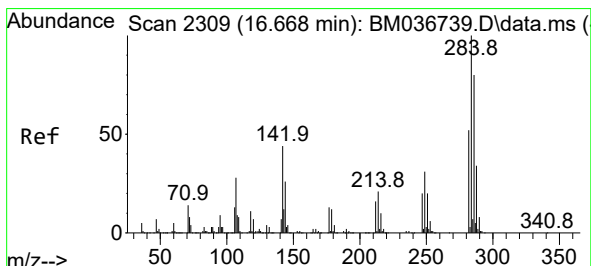
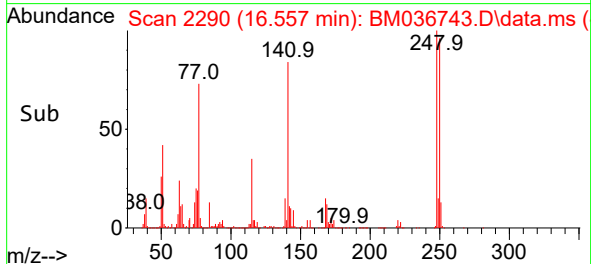
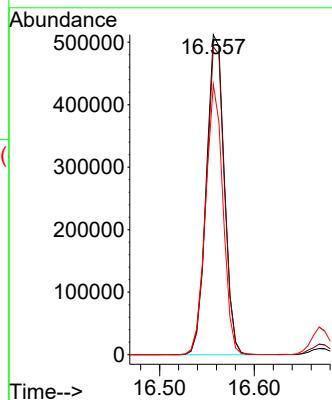
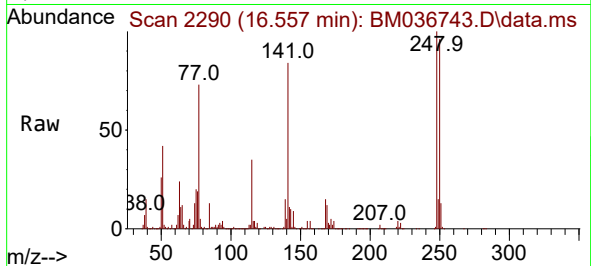




#68
4-Bromophenyl-phenylether
Concen: 33.593 ng/ul
RT: 16.557 min Scan# 2110
Delta R.T. 0.000 min
Lab File: BM036743.D
Acq: 26 Sep 2022 13:42

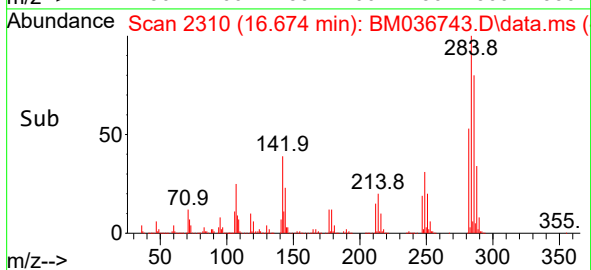
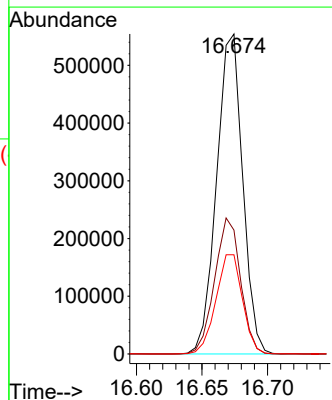
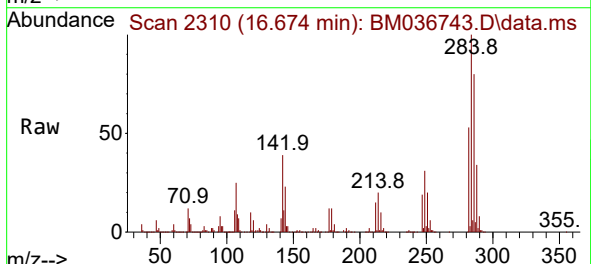
Instrument :
BNA_M
ClientSampleId :

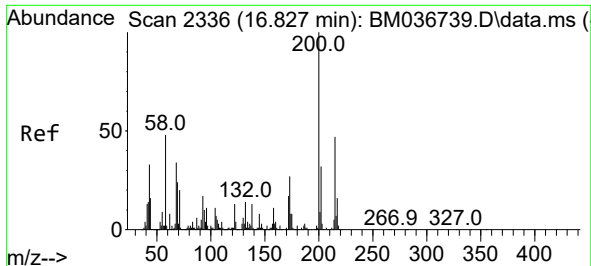
Tgt Ion:248 Resp: 675439
Ion Ratio Lower Upper
248 100
250 96.2 78.9 118.3
141 84.5 65.7 98.5



#69
Hexachlorobenzene
Concen: 32.227 ng/ul
RT: 16.674 min Scan# 2310
Delta R.T. 0.006 min
Lab File: BM036743.D
Acq: 26 Sep 2022 13:42

Tgt Ion:284 Resp: 766411
Ion Ratio Lower Upper
284 100
142 38.7 30.8 46.2
249 31.0 24.2 36.2

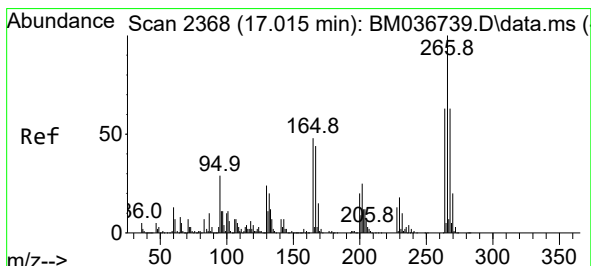
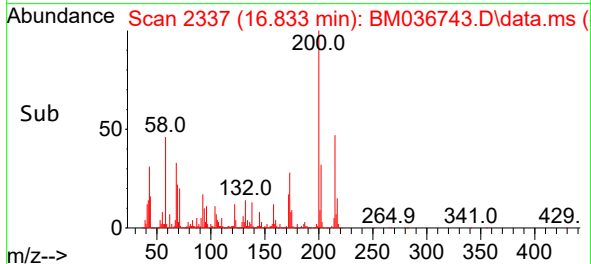
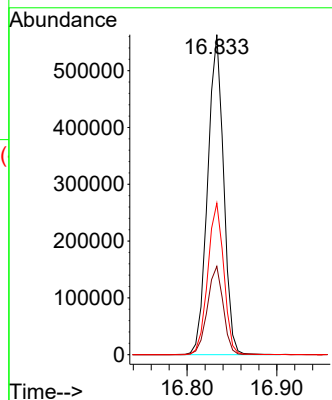
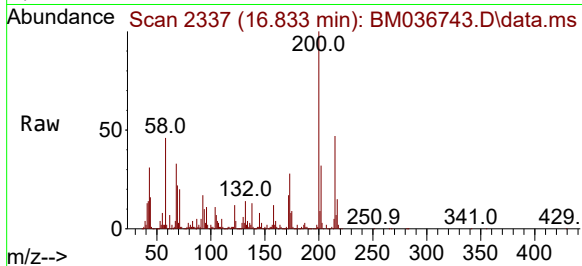




#70
Atrazine
Concen: 32.761 ng/ul
RT: 16.833 min Scan# 21
Delta R.T. 0.006 min
Lab File: BM036743.D
Acq: 26 Sep 2022 13:42

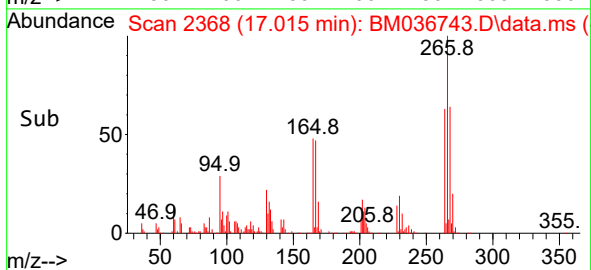
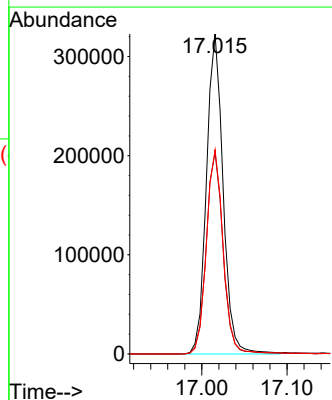
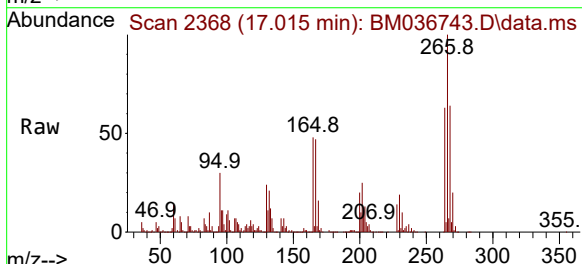
Instrument :
BNA_M
ClientSampleId :

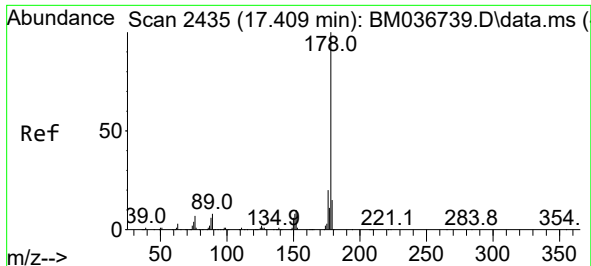
Tgt Ion:200 Resp: 694600
Ion Ratio Lower Upper
200 100
173 27.6 21.8 32.6
215 47.4 39.4 59.2



#71
Pentachlorophenol
Concen: 30.995 ng/ul
RT: 17.015 min Scan# 2368
Delta R.T. 0.000 min
Lab File: BM036743.D
Acq: 26 Sep 2022 13:42

Tgt Ion:266 Resp: 437841
Ion Ratio Lower Upper
266 100
264 63.0 49.7 74.5
268 63.8 51.8 77.6

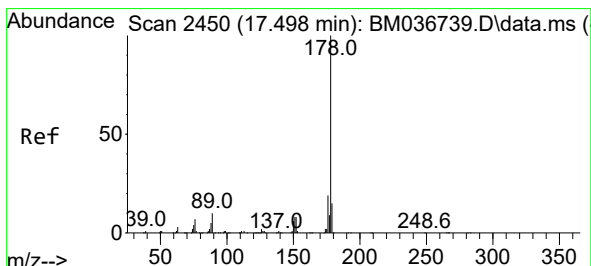
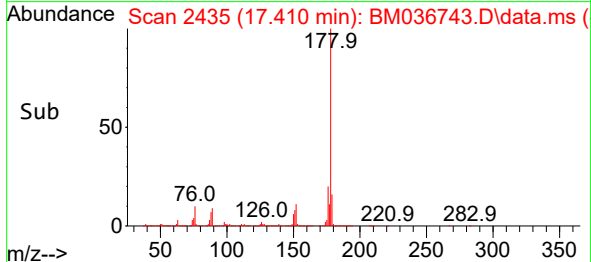
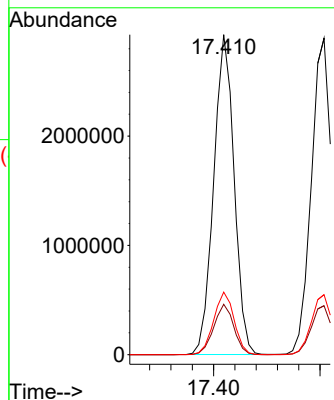
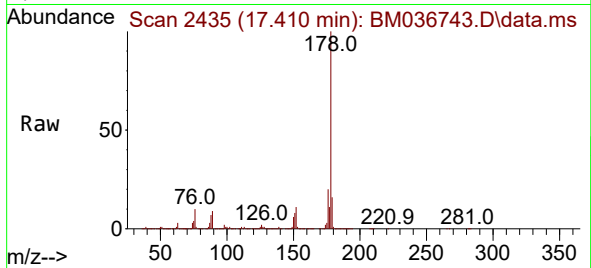




#72
Phenanthrene
Concen: 34.596 ng/ul
RT: 17.410 min Scan# 2435
Delta R.T. 0.000 min
Lab File: BM036743.D
Acq: 26 Sep 2022 13:42

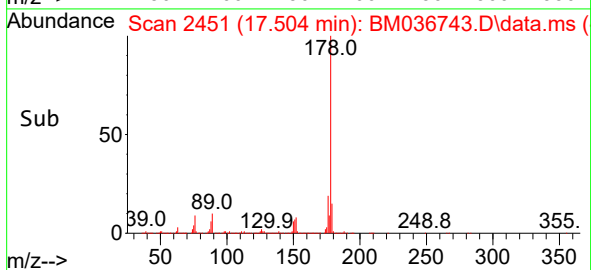
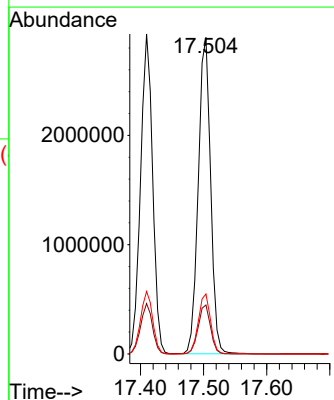
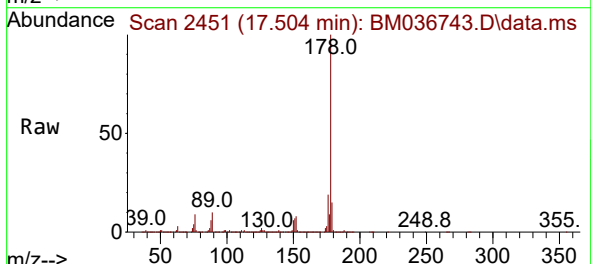
Instrument :
BNA_M
ClientSampleId :

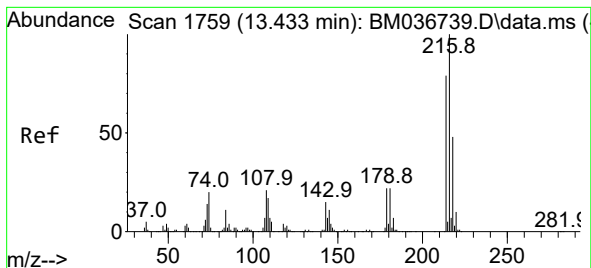
Tgt Ion:178 Resp: 3887317
Ion Ratio Lower Upper
178 100
179 15.7 12.2 18.2
176 19.6 15.7 23.5



#74
Anthracene
Concen: 34.338 ng/ul
RT: 17.504 min Scan# 2451
Delta R.T. 0.006 min
Lab File: BM036743.D
Acq: 26 Sep 2022 13:42

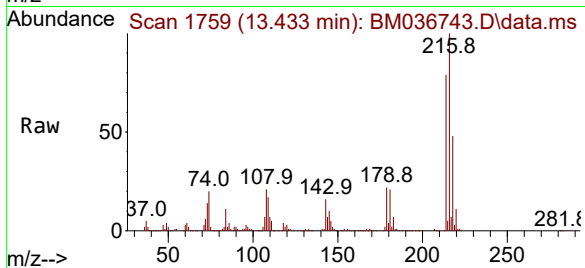
Tgt Ion:178 Resp: 3921780
Ion Ratio Lower Upper
178 100
179 15.5 12.3 18.5
176 19.0 15.0 22.6



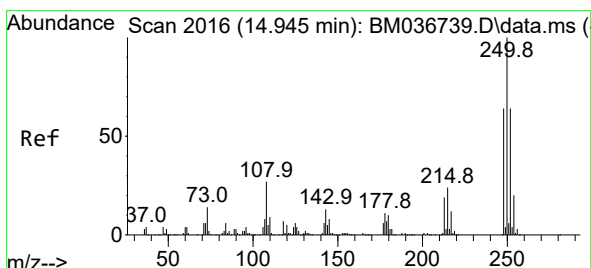
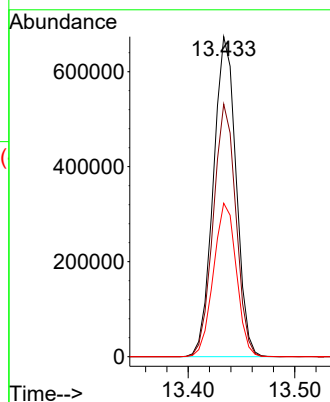
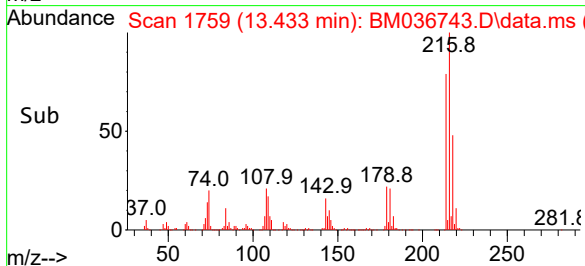


#75
1,2,3,4-Tetrachlorobenzene
Concen: 35.834 ng/uL
RT: 13.433 min Scan# 1759
Delta R.T. 0.000 min
Lab File: BM036743.D
Acq: 26 Sep 2022 13:42

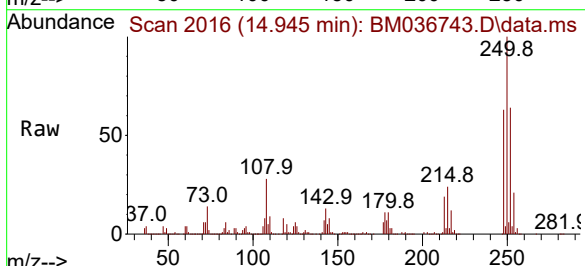
Instrument :
BNA_M
ClientSampleId :



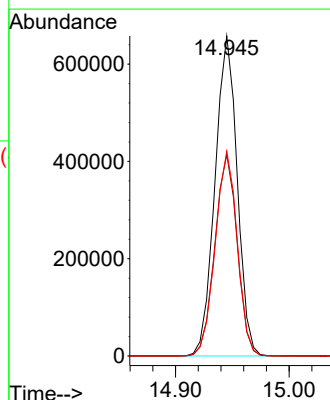
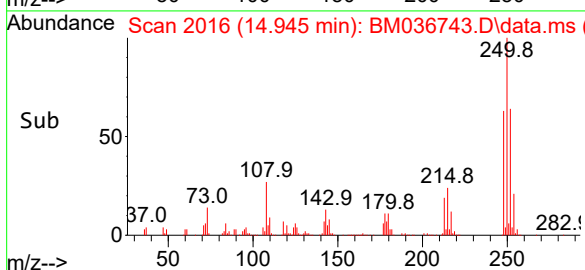
Tgt Ion:216 Resp: 999788
Ion Ratio Lower Upper
216 100
214 79.0 62.6 94.0
218 48.0 38.2 57.2

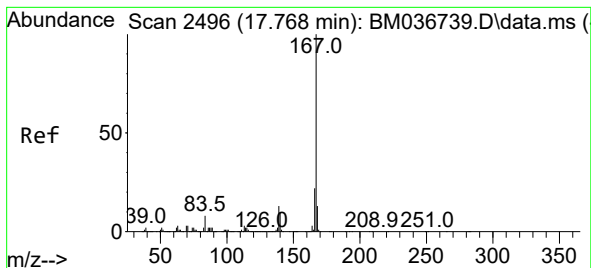


#76
Pentachlorobenzene
Concen: 29.600 ng/uL
RT: 14.945 min Scan# 2016
Delta R.T. 0.000 min
Lab File: BM036743.D
Acq: 26 Sep 2022 13:42



Tgt Ion:250 Resp: 893250
Ion Ratio Lower Upper
250 100
248 62.8 50.2 75.2
252 64.0 50.5 75.7





#77

Carbazole

Concen: 32.911 ng/ul

RT: 17.768 min Scan# 2496

Delta R.T. 0.000 min

Lab File: BM036743.D

Acq: 26 Sep 2022 13:42

Instrument :

BNA_M

ClientSampleId :

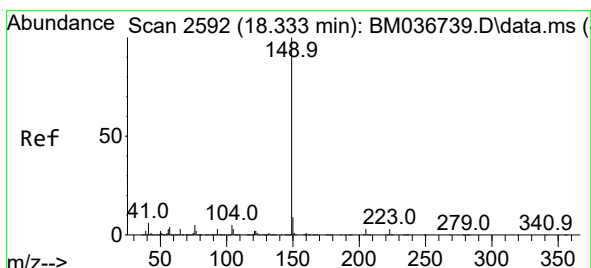
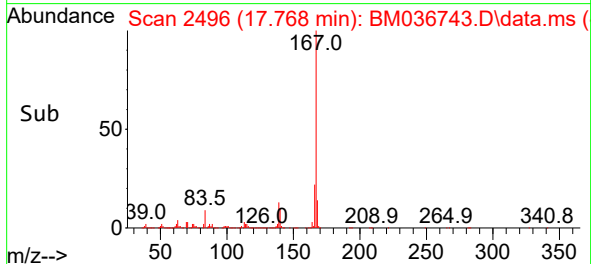
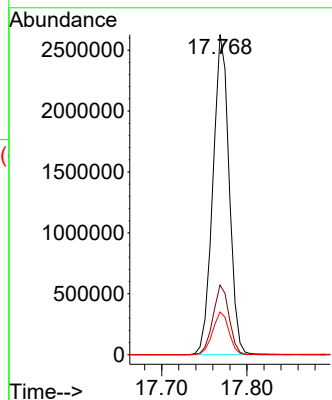
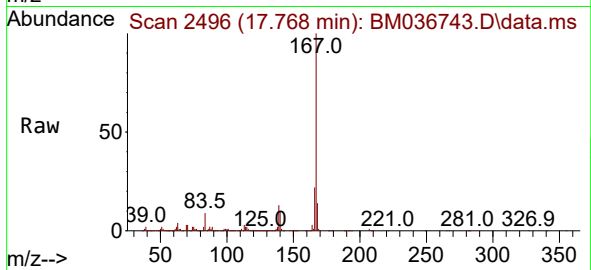
Tgt Ion:167 Resp: 3480021

Ion Ratio Lower Upper

167 100

166 21.7 17.2 25.8

139 13.3 10.6 15.8



#78

Di-n-butylphthalate

Concen: 36.754 ng/ul

RT: 18.333 min Scan# 2592

Delta R.T. 0.000 min

Lab File: BM036743.D

Acq: 26 Sep 2022 13:42

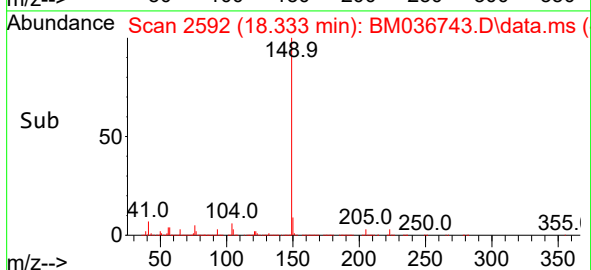
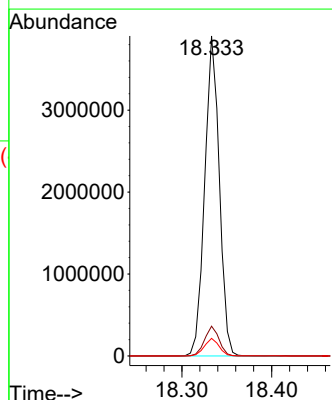
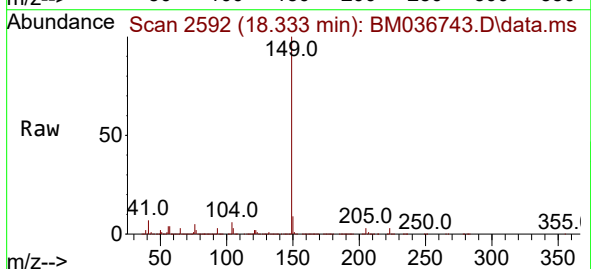
Tgt Ion:149 Resp: 4405019

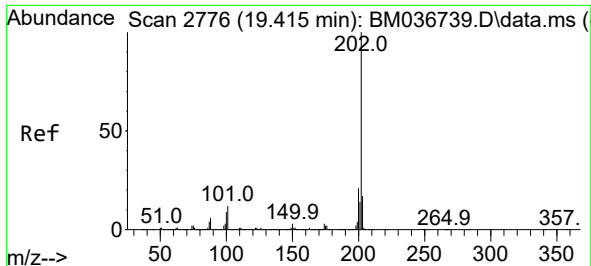
Ion Ratio Lower Upper

149 100

150 9.3 7.2 10.8

104 5.5 4.3 6.5

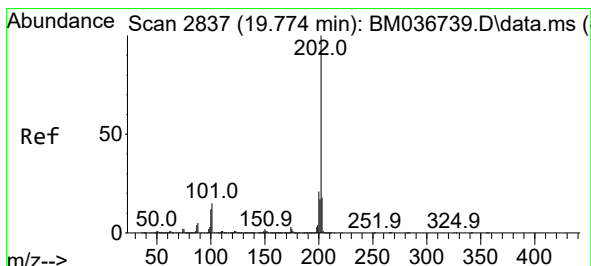
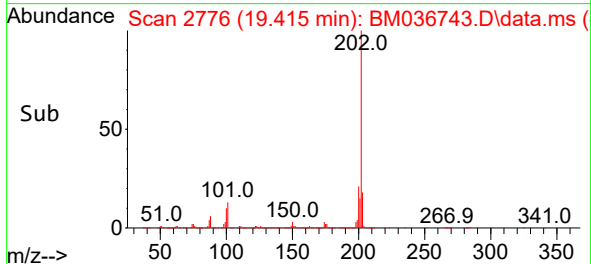
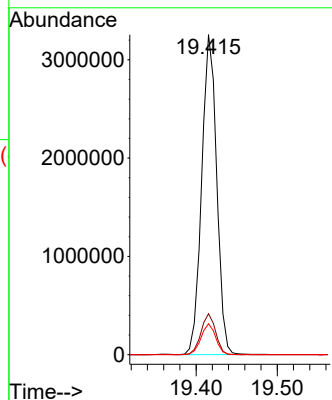
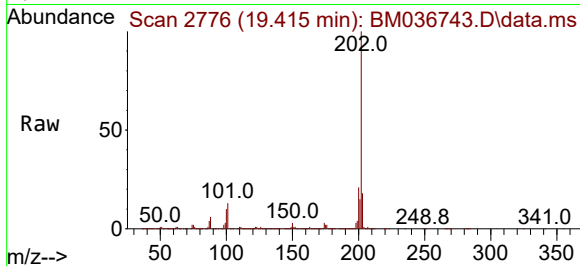




#80
Fluoranthene
Concen: 42.524 ng/ul
RT: 19.415 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM036743.D
Acq: 26 Sep 2022 13:42

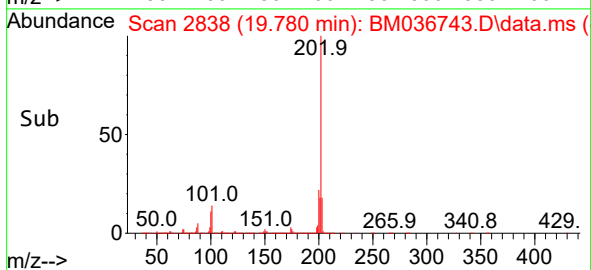
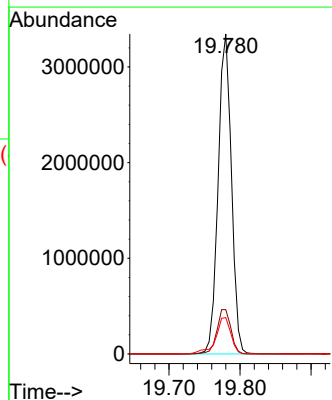
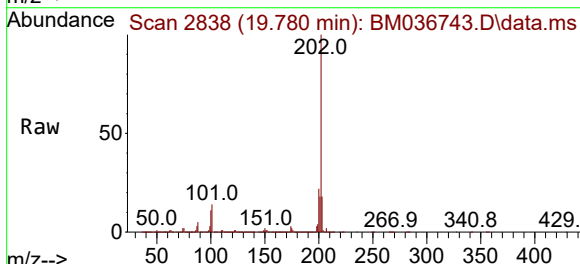
Instrument :
BNA_M
ClientSampleId :

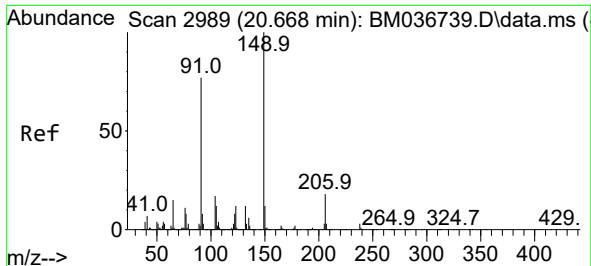
Tgt Ion:202 Resp: 4174982
Ion Ratio Lower Upper
202 100
101 12.8 9.8 14.6
100 9.6 7.4 11.2



#82
Pyrene
Concen: 41.596 ng/ul
RT: 19.780 min Scan# 2838
Delta R.T. 0.006 min
Lab File: BM036743.D
Acq: 26 Sep 2022 13:42

Tgt Ion:202 Resp: 4322860
Ion Ratio Lower Upper
202 100
101 13.9 10.9 16.3
100 11.3 8.7 13.1

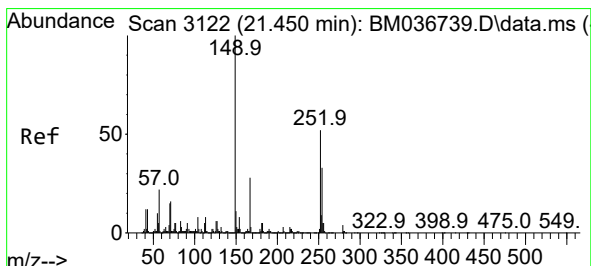
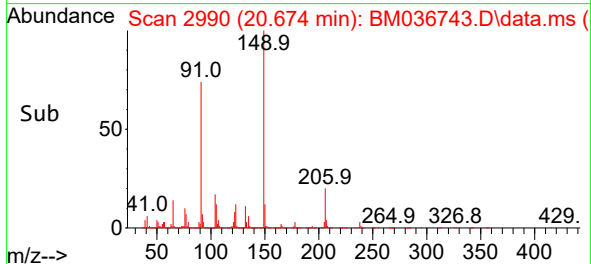
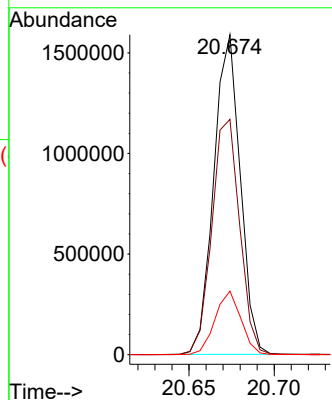
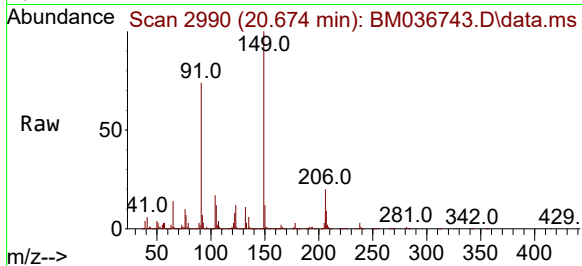




#83
Butylbenzylphthalate
Concen: 43.599 ng/ul
RT: 20.674 min Scan# 2989
Delta R.T. 0.006 min
Lab File: BM036743.D
Acq: 26 Sep 2022 13:42

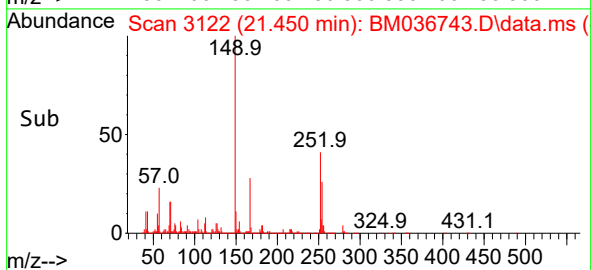
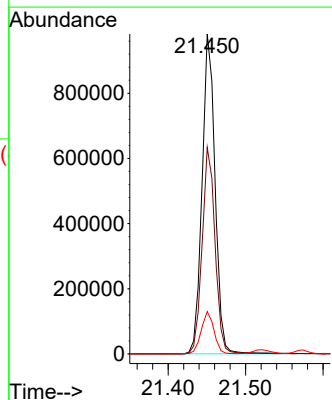
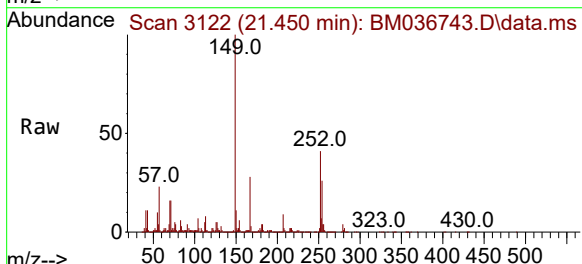
Instrument :
BNA_M
ClientSampleId :

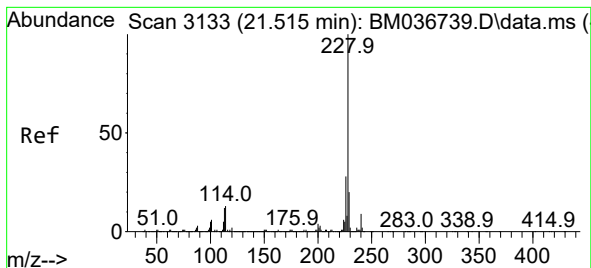
Tgt Ion:149 Resp: 1716898
Ion Ratio Lower Upper
149 100
91 73.6 55.2 82.8
206 19.8 16.2 24.2



#84
3,3'-Dichlorobenzidine
Concen: 35.924 ng/ul
RT: 21.450 min Scan# 3122
Delta R.T. 0.000 min
Lab File: BM036743.D
Acq: 26 Sep 2022 13:42

Tgt Ion:252 Resp: 1143165
Ion Ratio Lower Upper
252 100
254 64.6 53.0 79.4
126 13.2 10.4 15.6





#85

Benzo(a)anthracene

Concen: 35.265 ng/ul

RT: 21.521 min Scan# 3134

Delta R.T. 0.006 min

Lab File: BM036743.D

Acq: 26 Sep 2022 13:42

Instrument :

BNA_M

ClientSampleId :

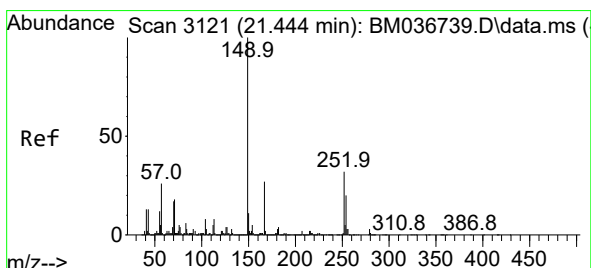
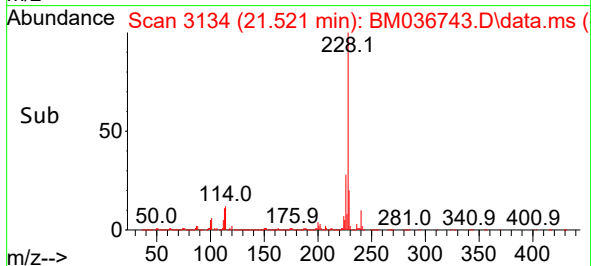
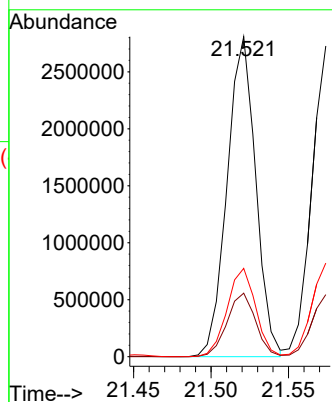
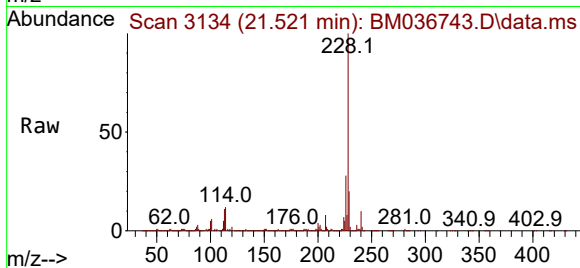
Tgt Ion:228 Resp: 3598381

Ion Ratio Lower Upper

228 100

229 19.9 15.8 23.8

226 27.6 21.9 32.9



#86

Bis(2-ethylhexyl)phthalate

Concen: 46.774 ng/ul

RT: 21.450 min Scan# 3122

Delta R.T. 0.006 min

Lab File: BM036743.D

Acq: 26 Sep 2022 13:42

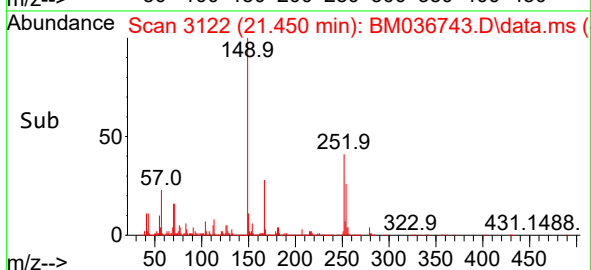
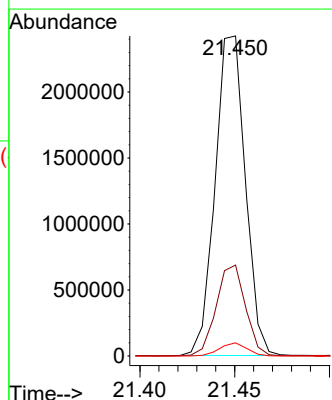
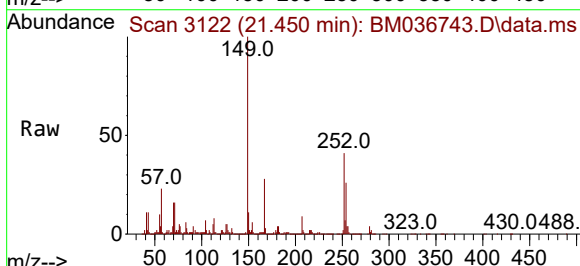
Tgt Ion:149 Resp: 2690638

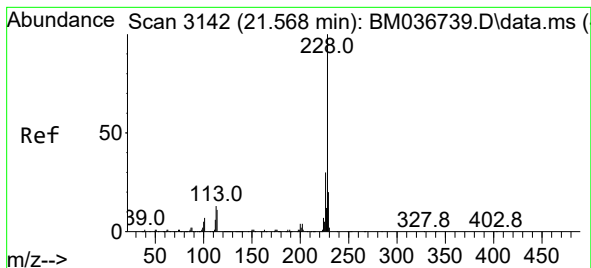
Ion Ratio Lower Upper

149 100

167 28.4 22.0 33.0

279 4.1 3.3 4.9





#87

Chrysene

Concen: 34.544 ng/ul

RT: 21.574 min Scan# 3143

Delta R.T. 0.006 min

Lab File: BM036743.D

Acq: 26 Sep 2022 13:42

Instrument :

BNA_M

ClientSampleId :

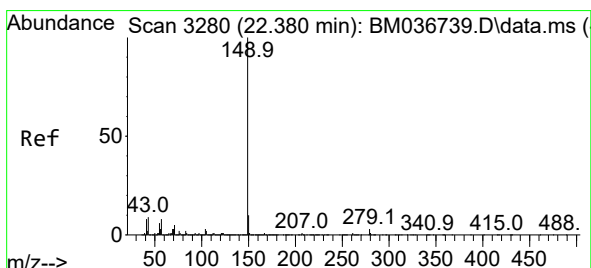
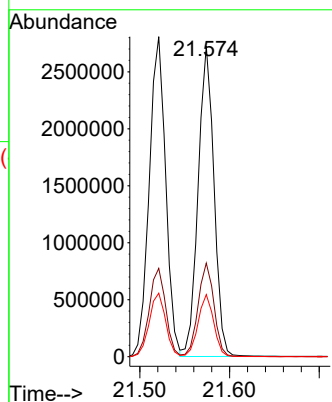
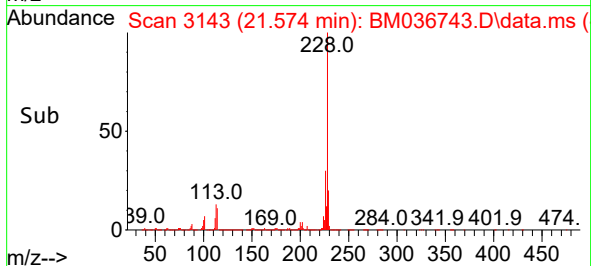
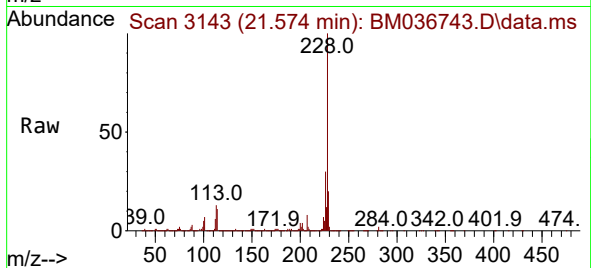
Tgt Ion:228 Resp: 3345709

Ion Ratio Lower Upper

228 100

226 30.1 24.4 36.6

229 20.0 15.6 23.4



#89

Di-n-octyl phthalate

Concen: 47.866 ng/ul

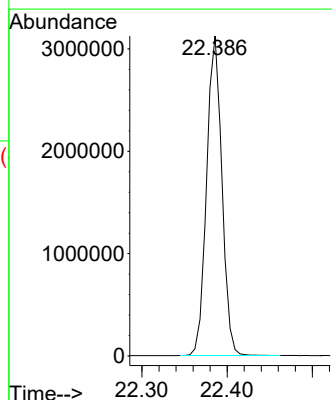
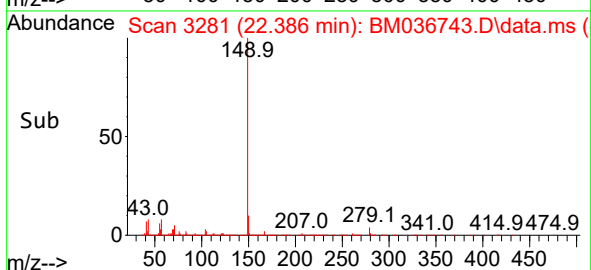
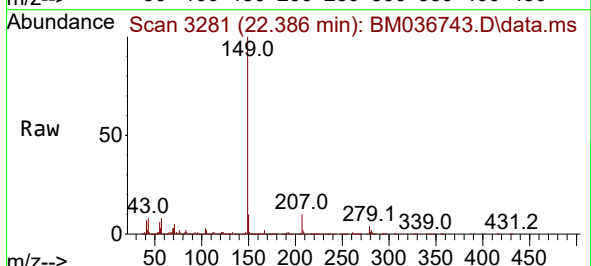
RT: 22.386 min Scan# 3281

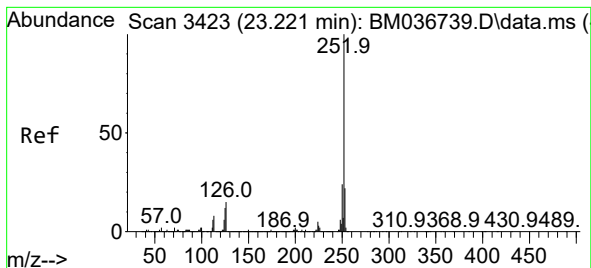
Delta R.T. 0.006 min

Lab File: BM036743.D

Acq: 26 Sep 2022 13:42

Tgt Ion:149 Resp: 3885269





#90

Benzo(b)fluoranthene

Concen: 36.671 ng/ul

RT: 23.227 min Scan# 3423

Delta R.T. 0.006 min

Lab File: BM036743.D

Acq: 26 Sep 2022 13:42

Instrument :

BNA_M

ClientSampleId :

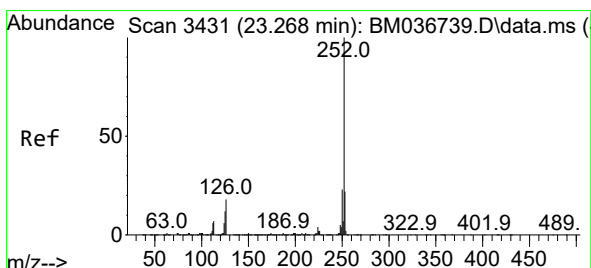
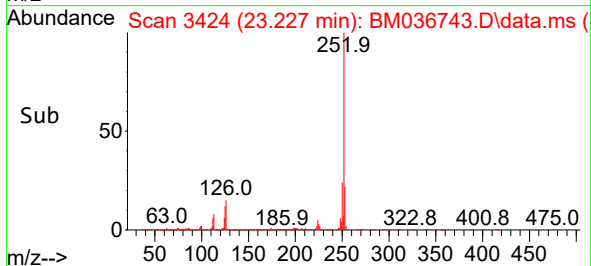
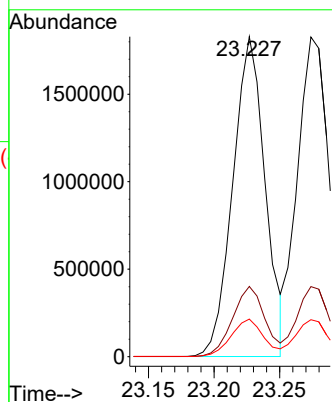
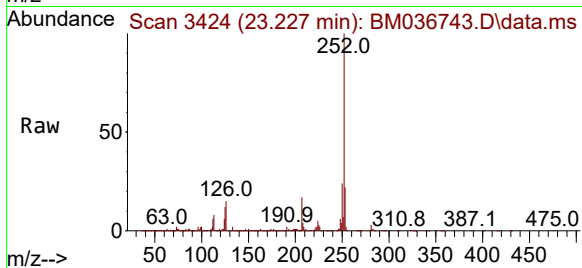
Tgt Ion:252 Resp: 3130904

Ion Ratio Lower Upper

252 100

253 22.0 17.6 26.4

125 11.8 9.1 13.7



#91

Benzo(k)fluoranthene

Concen: 36.573 ng/ul

RT: 23.274 min Scan# 3432

Delta R.T. 0.006 min

Lab File: BM036743.D

Acq: 26 Sep 2022 13:42

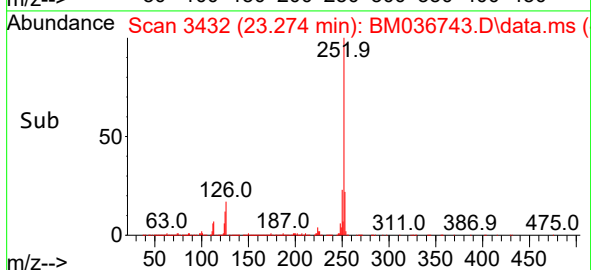
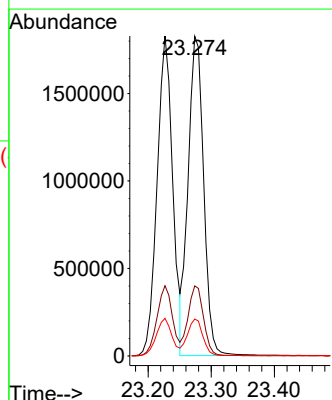
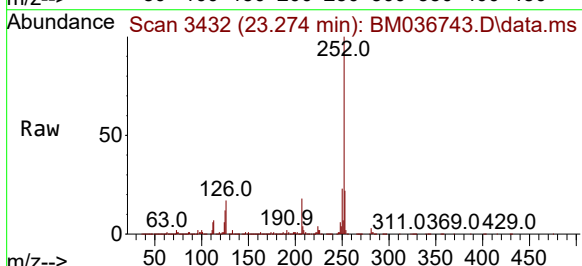
Tgt Ion:252 Resp: 3120138

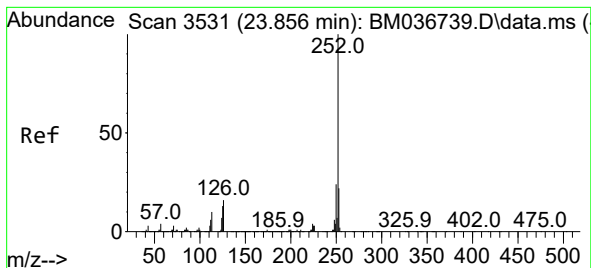
Ion Ratio Lower Upper

252 100

253 21.9 17.8 26.8

125 11.6 8.2 12.4





#93

Benzo(a)pyrene

Concen: 35.649 ng/ul

RT: 23.862 min Scan# 3

Delta R.T. 0.006 min

Lab File: BM036743.D

Acq: 26 Sep 2022 13:42

Instrument :

BNA_M

ClientSampleId :

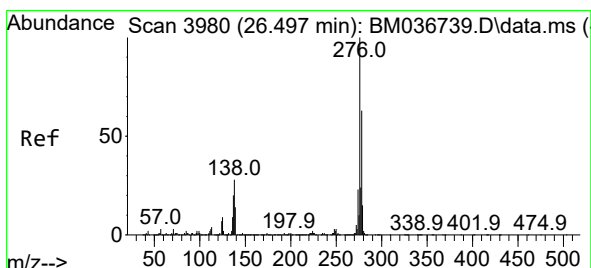
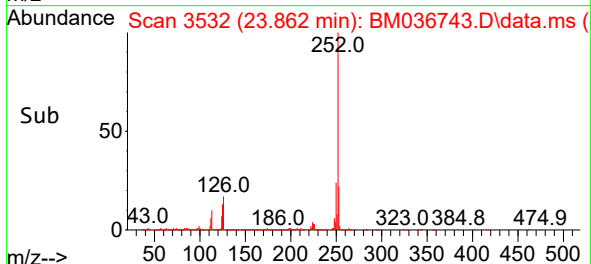
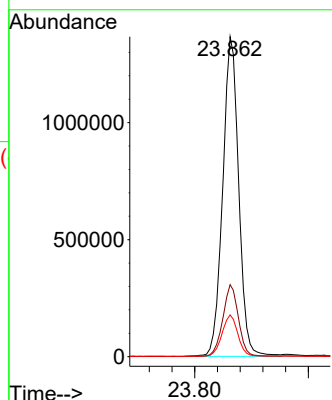
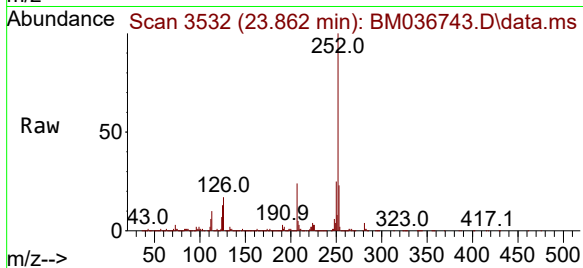
Tgt Ion:252 Resp: 2675722

Ion Ratio Lower Upper

252 100

253 22.5 17.5 26.3

125 13.1 9.5 14.3



#94

Indeno(1,2,3-cd)pyrene

Concen: 32.608 ng/ul

RT: 26.509 min Scan# 3982

Delta R.T. 0.012 min

Lab File: BM036743.D

Acq: 26 Sep 2022 13:42

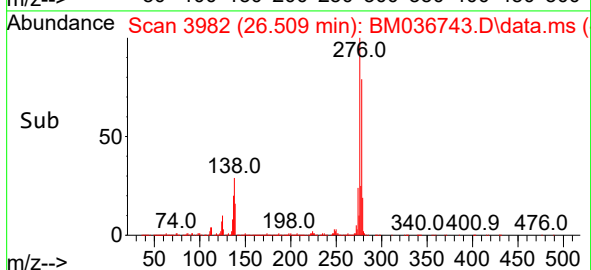
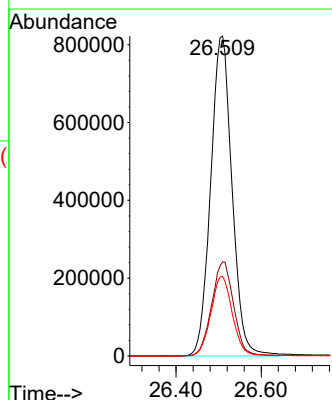
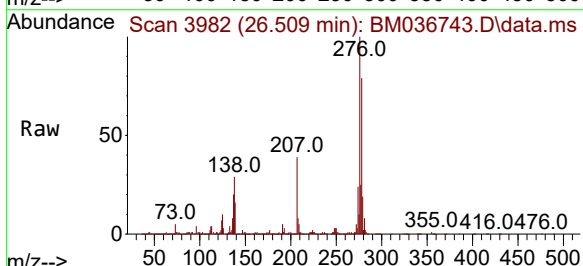
Tgt Ion:276 Resp: 2858125

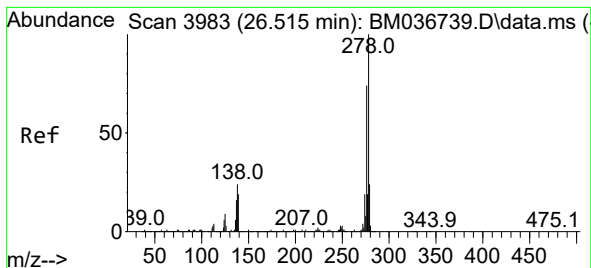
Ion Ratio Lower Upper

276 100

138 29.4 20.2 30.4

277 24.8 19.7 29.5





#95

Dibenzo(a,h)anthracene

Concen: 32.285 ng/ul

RT: 26.527 min Scan# 3985

Delta R.T. 0.012 min

Lab File: BM036743.D

Acq: 26 Sep 2022 13:42

Instrument :

BNA_M

ClientSampleId :

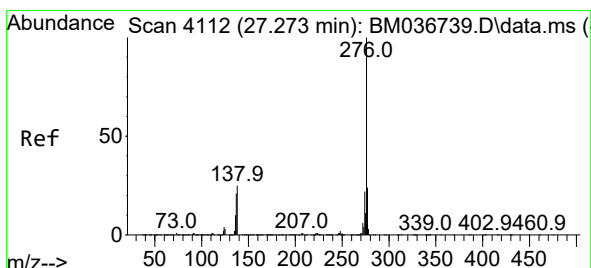
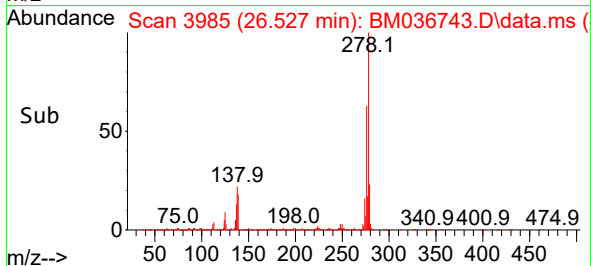
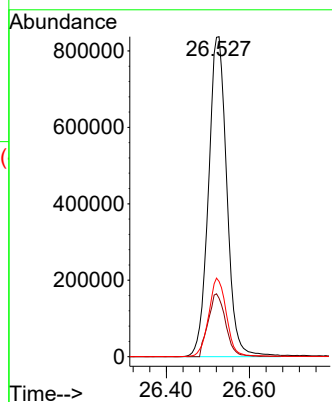
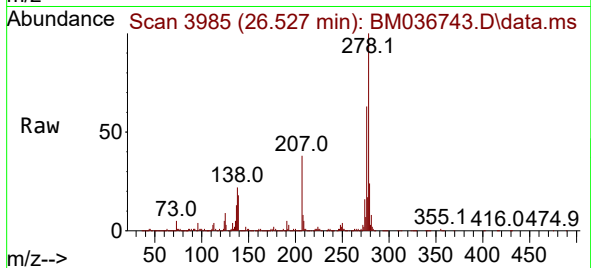
Tgt Ion:278 Resp: 2566328

Ion Ratio Lower Upper

278 100

139 18.2 14.5 21.7

279 23.5 19.7 29.5



#96

Benzo(g,h,i)perylene

Concen: 33.018 ng/ul

RT: 27.285 min Scan# 4114

Delta R.T. 0.012 min

Lab File: BM036743.D

Acq: 26 Sep 2022 13:42

Tgt Ion:276 Resp: 2508904

Ion Ratio Lower Upper

276 100

138 25.1 18.7 28.1

277 23.8 19.2 28.8

