

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092622\
 Data File : BM036744.D
 Acq On : 26 Sep 2022 14:19
 Operator : CG/JU
 Sample : PB147828BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Sep 26 23:13:17 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	340423	20.000	ng/ul	0.00
20) Naphthalene-d8	10.816	136	1452179	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.627	164	891392	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.368	188	1756056	20.000	ng/ul	0.00
79) Chrysene-d12	21.539	240	1469995	20.000	ng/ul	0.00
88) Perylene-d12	23.968	264	1179522	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.387	96	60780	6.693	ng/uL	0.00
4) Pyridine-d5	3.810	84	790727	29.857	ng/ul	0.00
7) Phenol-d5	7.163	99	1151953	37.866	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.334	67	695013	37.619	ng/ul	0.00
11) 2-Chlorophenol-d4	7.534	132	886090	40.457	ng/ul	0.00
15) 4-Methylphenol-d8	8.716	113	894870	39.810	ng/ul	0.00
21) Nitrobenzene-d5	9.175	128	433504	44.104	ng/ul	0.00
24) 2-Nitrophenol-d4	9.898	143	428907	48.716	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.433	165	836895	41.017	ng/ul	0.00
31) 4-Chloroaniline-d4	10.951	131	1112738	32.802	ng/ul	0.00
46) Dimethylphthalate-d6	14.045	166	2357557	39.215	ng/ul	0.00
49) Acenaphthylene-d8	14.327	160	2863857	40.160	ng/ul	0.00
54) 4-Nitrophenol-d4	14.827	143	430649	36.932	ng/ul	0.00
60) Fluorene-d10	15.615	176	2083230	38.667	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.733	200	311635	44.854	ng/ul	0.00
73) Anthracene-d10	17.468	188	3072737	38.270	ng/ul	0.00
81) Pyrene-d10	19.750	212	3332679	46.084	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.809	264	2363332	41.011	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.422	88	127298	13.013	ng/uL	99
5) Pyridine	3.834	79	912755	34.304	ng/ul	96
6) Benzaldehyde	7.140	77	699450	47.480	ng/ul	96
8) Phenol	7.192	94	1240319	37.987	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.428	93	946717	37.267	ng/ul	99
12) 2-Chlorophenol	7.569	128	935653	39.492	ng/ul	97
13) 2-Methylphenol	8.451	108	903239	37.636	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.539	45	1115400	37.045	ng/ul	98
16) Acetophenone	8.834	105	1435838	36.826	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.828	70	725437	38.559	ng/ul	97
18) 4-Methylphenol	8.781	108	994669	38.328	ng/ul	98
19) Hexachloroethane	9.092	117	362486	37.773	ng/ul	95
22) Nitrobenzene	9.216	77	1083745	41.528	ng/ul	98
23) Isophorone	9.745	82	2007640	37.730	ng/ul	100
25) 2-Nitrophenol	9.928	139	487787	44.857	ng/ul	99
26) 2,4-Dimethylphenol	9.986	107	1007338	37.559	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.228	93	1229825	38.777	ng/ul	99
29) 2,4-Dichlorophenol	10.463	162	857882	39.994	ng/ul	98
30) Naphthalene	10.869	128	2975769	37.616	ng/ul	100
32) 4-Chloroaniline	10.975	127	1204460	34.390	ng/ul	99
33) Hexachlorobutadiene	11.151	225	477010	36.360	ng/ul	98
34) Caprolactam	11.769	113	196458	28.235	ng/ul	98
35) 4-Chloro-3-methylphenol	12.092	107	963316	40.684	ng/ul	98
36) 2-Methylnaphthalene	12.469	142	2005467	38.048	ng/ul	99

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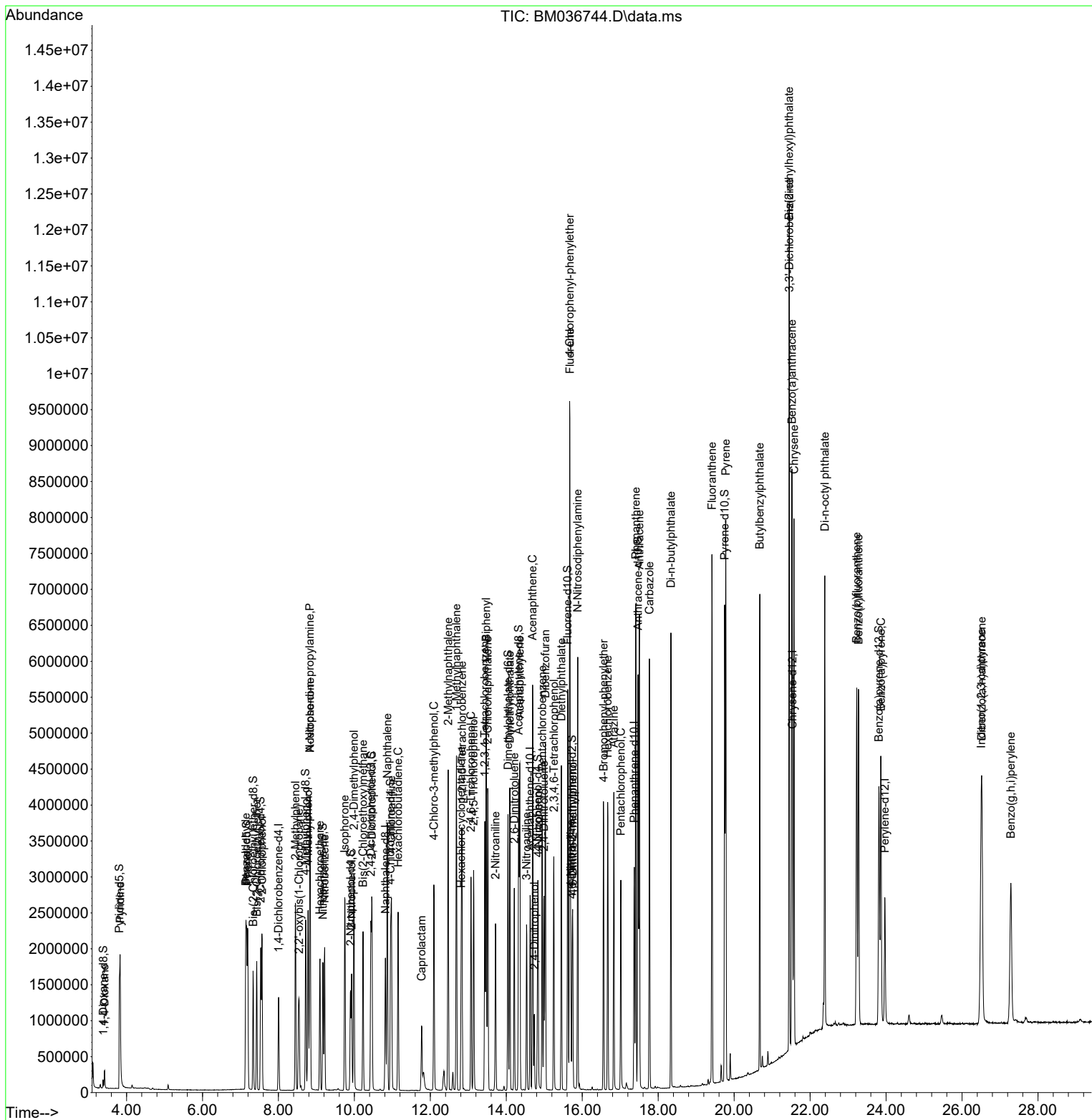
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 BNA_M
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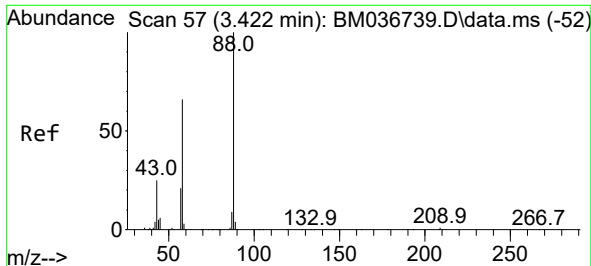
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.686	142	2021856	38.157	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.833	216	953448	37.790	ng/ul	100
40) Hexachlorocyclopentadiene	12.810	237	429930	32.698	ng/ul	99
41) 2,4,6-Trichlorophenol	13.069	196	626608	40.562	ng/ul	97
42) 2,4,5-Trichlorophenol	13.139	196	686077	41.424	ng/ul	100
43) 1,1'-Biphenyl	13.469	154	2550955	38.822	ng/ul	99
44) 2-Chloronaphthalene	13.510	162	1983411	38.466	ng/ul	100
45) 2-Nitroaniline	13.716	65	604399	47.623	ng/ul	98
47) Dimethylphthalate	14.092	163	2456676	38.522	ng/ul	99
48) 2,6-Dinitrotoluene	14.210	165	480466	46.340	ng/ul	98
50) Acenaphthylene	14.357	152	3108149	38.122	ng/ul	99
51) 3-Nitroaniline	14.533	138	528754	42.521	ng/ul#	99
52) Acenaphthene	14.692	153	2171886	38.072	ng/ul	100
53) 2,4-Dinitrophenol	14.739	184	183737	39.938	ng/ul	99
55) 4-Nitrophenol	14.839	109	363890	36.506	ng/ul	97
56) Dibenzofuran	15.027	168	2910801	37.994	ng/ul	97
57) 2,4-Dinitrotoluene	14.992	165	692525	45.944	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.251	232	559766	40.375	ng/ul	98
59) Diethylphthalate	15.451	149	2472172	38.724	ng/ul	100
61) Fluorene	15.674	166	2503026	38.361	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.668	204	1182713	37.901	ng/ul	99
63) 4-Nitroaniline	15.698	138	518701	42.933	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.751	198	325341	41.497	ng/ul	99
67) N-Nitrosodiphenylamine	15.880	169	2051186	39.659	ng/ul	100
68) 4-Bromophenyl-phenylether	16.562	248	652772	37.714	ng/ul	97
69) Hexachlorobenzene	16.668	284	750888	36.679	ng/ul	94
70) Atrazine	16.833	200	678124	37.155	ng/ul	98
71) Pentachlorophenol	17.015	266	433568	35.654	ng/ul	99
72) Phenanthrene	17.409	178	3792147	39.205	ng/ul	99
74) Anthracene	17.504	178	3787237	38.521	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.433	216	994900	41.423	ng/uL	100
76) Pentachlorobenzene	14.945	250	881849	33.947	ng/uL	98
77) Carbazole	17.768	167	3396103	37.310	ng/ul	100
78) Di-n-butylphthalate	18.333	149	4215649	40.861	ng/ul	100
80) Fluoranthene	19.415	202	4112038	46.401	ng/ul	99
82) Pyrene	19.780	202	4272157	45.543	ng/ul	98
83) Butylbenzylphthalate	20.674	149	1731861	48.723	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.450	252	1162301	40.466	ng/ul	98
85) Benzo(a)anthracene	21.521	228	3621219	39.317	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.444	149	2668507	51.393	ng/ul#	99
87) Chrysene	21.574	228	3365872	38.501	ng/ul	99
89) Di-n-octyl phthalate	22.386	149	4051839	56.980	ng/ul	100
90) Benzo(b)fluoranthene	23.227	252	3164142	42.303	ng/ul	100
91) Benzo(k)fluoranthene	23.274	252	3123492	41.792	ng/ul	99
93) Benzo(a)pyrene	23.862	252	2679030	40.743	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.503	276	2845097	37.052	ng/ul	96
95) Dibenzo(a,h)anthracene	26.521	278	2554572	36.684	ng/ul	98
96) Benzo(g,h,i)perylene	27.285	276	2459193	36.942	ng/ul	98

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

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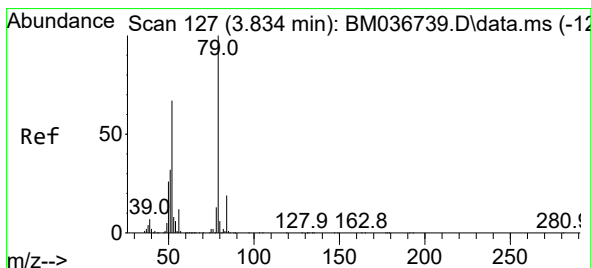
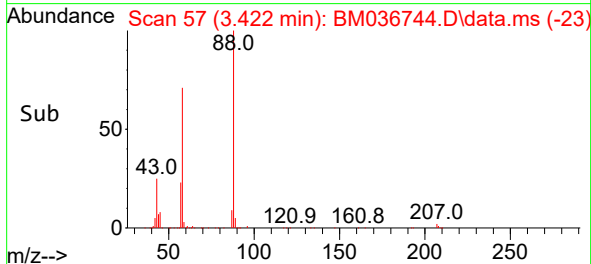
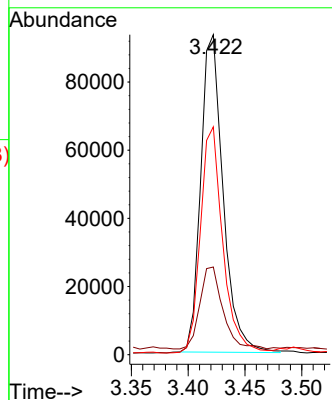
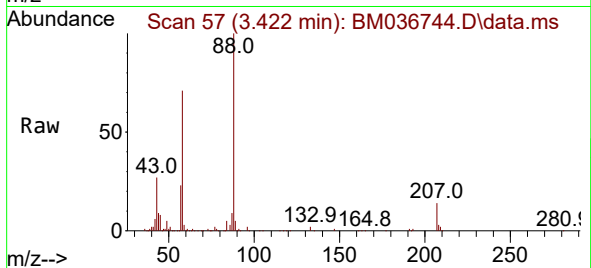




#2
1,4-Dioxane
Concen: 13.013 ng/uL
RT: 3.422 min Scan# 51
Delta R.T. 0.000 min
Lab File: BM036744.D
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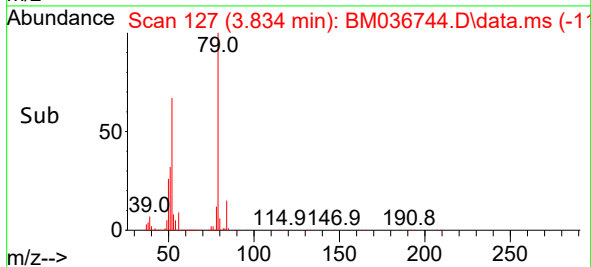
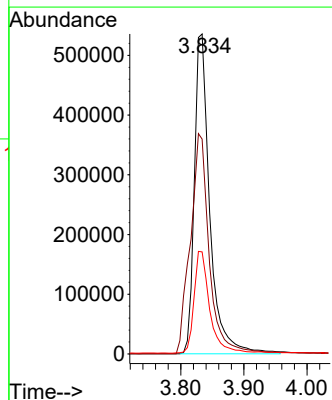
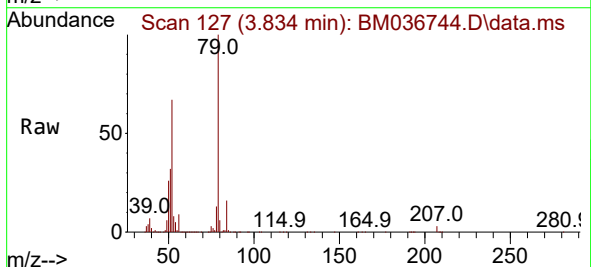
Instrument :
BNA_M
ClientSampleId :

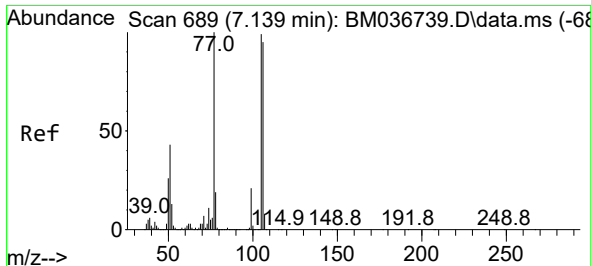
Tgt Ion: 88 Resp: 127298
Ion Ratio Lower Upper
88 100
43 27.4 23.1 34.7
58 71.2 56.6 85.0



#5
Pyridine
Concen: 34.304 ng/uL
RT: 3.834 min Scan# 127
Delta R.T. 0.000 min
Lab File: BM036744.D
Acq: 26 Sep 2022 14:19

Tgt Ion: 79 Resp: 912755
Ion Ratio Lower Upper
79 100
52 67.1 57.2 85.8
51 31.9 26.8 40.2

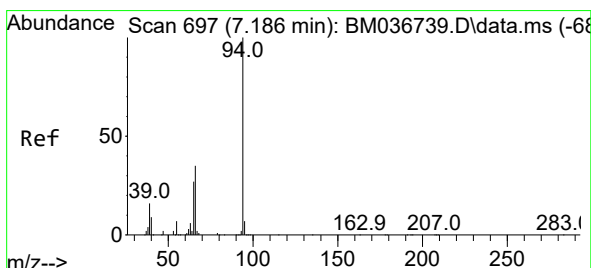
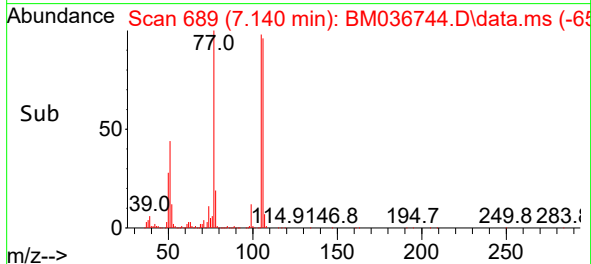
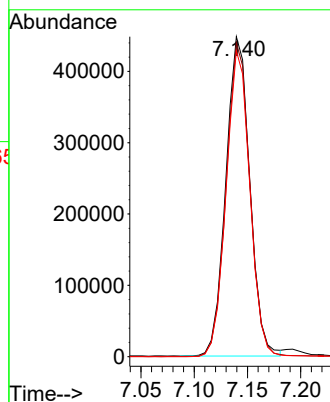
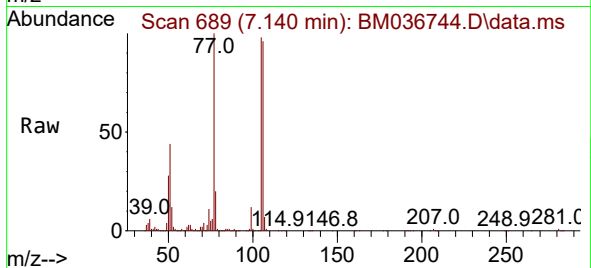




#6
Benzaldehyde
Concen: 47.480 ng/ul
RT: 7.140 min Scan# 689
Delta R.T. 0.000 min
Lab File: BM036744.D
Acq: 26 Sep 2022 14:19

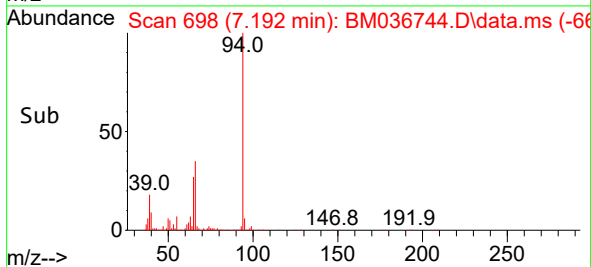
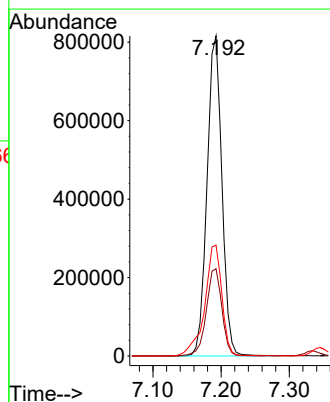
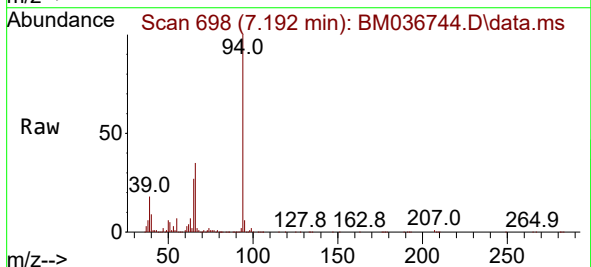
Instrument :
BNA_M
ClientSampleId :

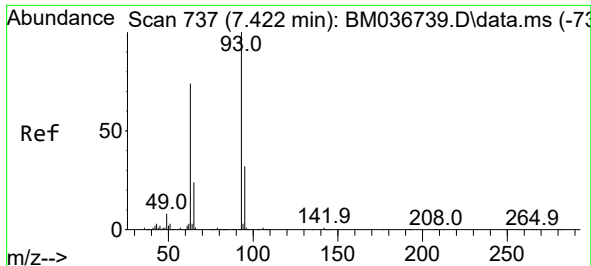
Tgt Ion: 77 Resp: 699450
Ion Ratio Lower Upper
77 100
105 98.0 75.1 112.7
106 95.6 73.0 109.6



#8
Phenol
Concen: 37.987 ng/ul
RT: 7.192 min Scan# 698
Delta R.T. 0.006 min
Lab File: BM036744.D
Acq: 26 Sep 2022 14:19

Tgt Ion: 94 Resp: 1240319
Ion Ratio Lower Upper
94 100
65 27.3 22.2 33.4
66 34.6 28.9 43.3

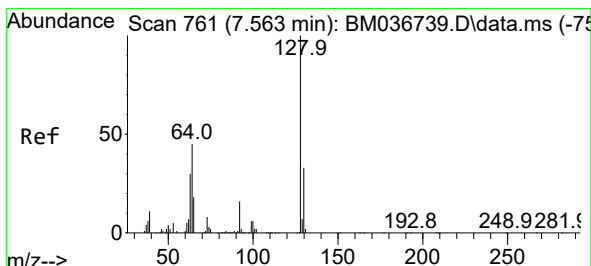
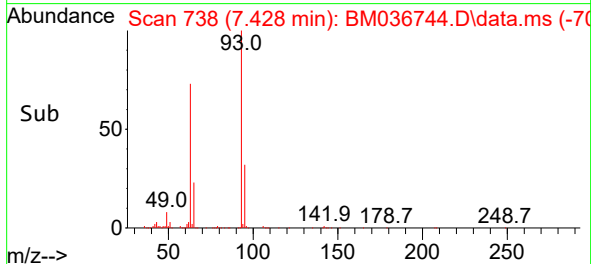
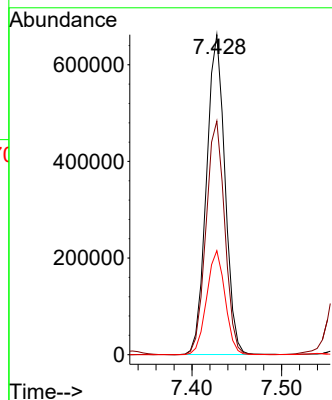
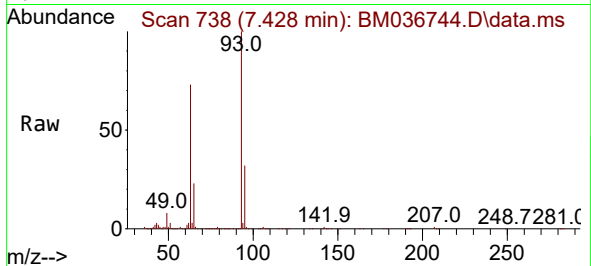




#10
Bis(2-Chloroethyl)ether
Concen: 37.267 ng/ul
RT: 7.428 min Scan# 71
Delta R.T. 0.006 min
Lab File: BM036744.D
Acq: 26 Sep 2022 14:19

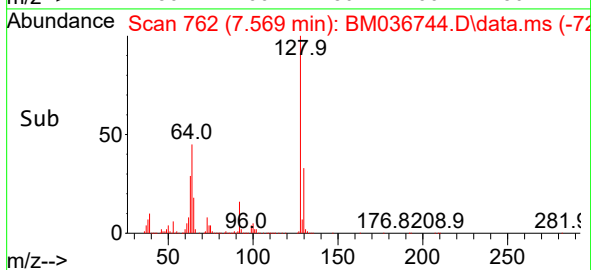
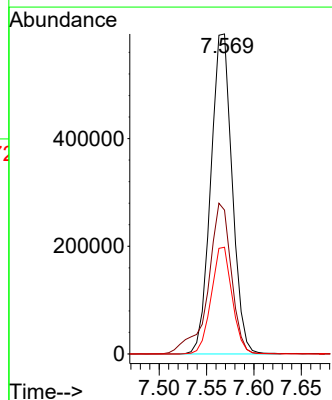
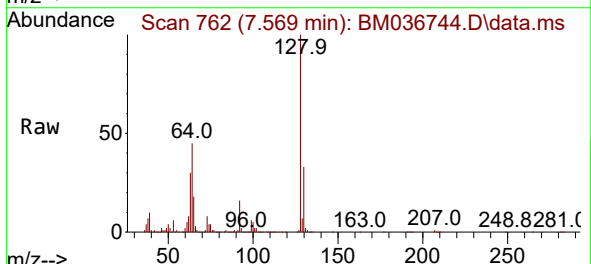
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ClientSampleId :

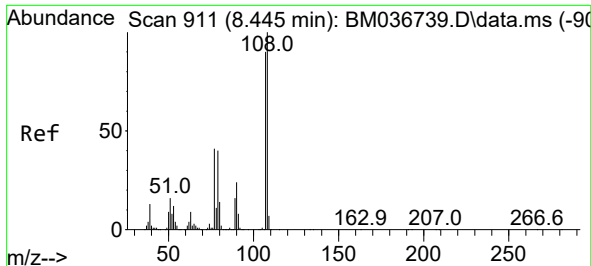
Tgt Ion: 93 Resp: 946717
Ion Ratio Lower Upper
93 100
63 73.0 59.1 88.7
95 32.5 26.1 39.1



#12
2-Chlorophenol
Concen: 39.492 ng/ul
RT: 7.569 min Scan# 762
Delta R.T. 0.006 min
Lab File: BM036744.D
Acq: 26 Sep 2022 14:19

Tgt Ion: 128 Resp: 935653
Ion Ratio Lower Upper
128 100
64 44.9 37.8 56.8
130 33.4 26.0 39.0





#13

2-Methylphenol

Concen: 37.636 ng/ul

RT: 8.451 min Scan# 911

Delta R.T. 0.006 min

Lab File: BM036744.D

Acq: 26 Sep 2022 14:19

Instrument :

BNA_M

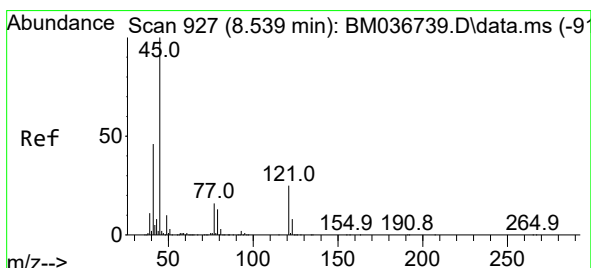
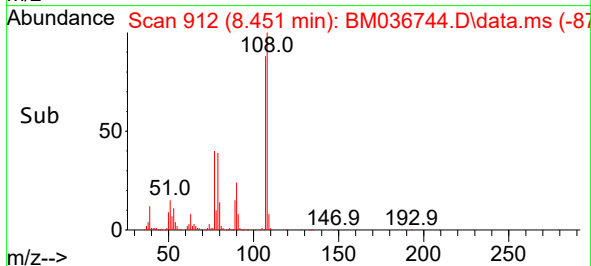
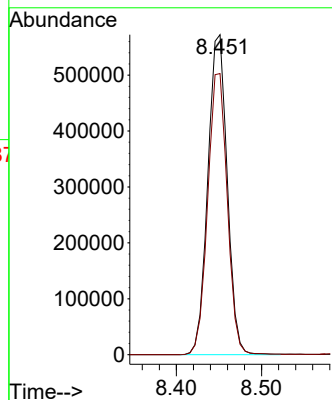
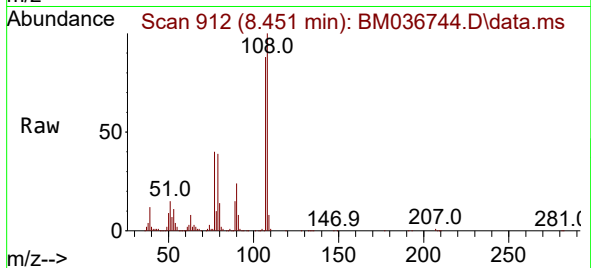
ClientSampleId :

Tgt Ion:108 Resp: 903239

Ion Ratio Lower Upper

108 100

107 87.9 70.7 106.1



#14

2,2'-oxybis(1-Chloropropane)

Concen: 37.045 ng/ul

RT: 8.539 min Scan# 927

Delta R.T. 0.000 min

Lab File: BM036744.D

Acq: 26 Sep 2022 14:19

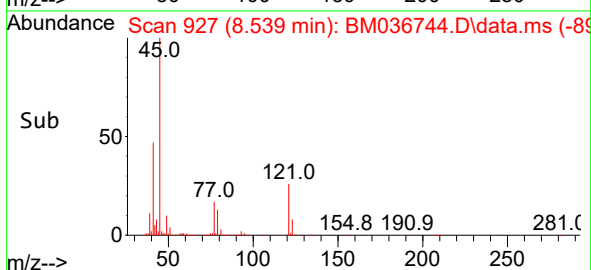
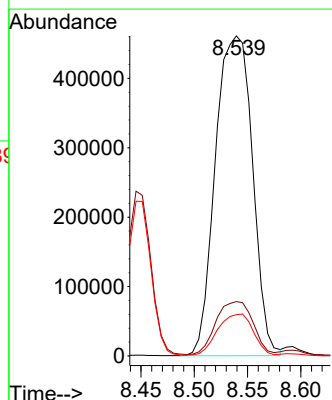
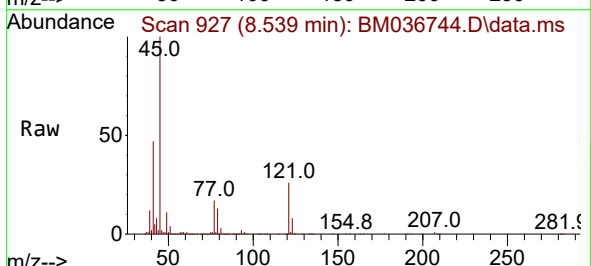
Tgt Ion: 45 Resp: 1115400

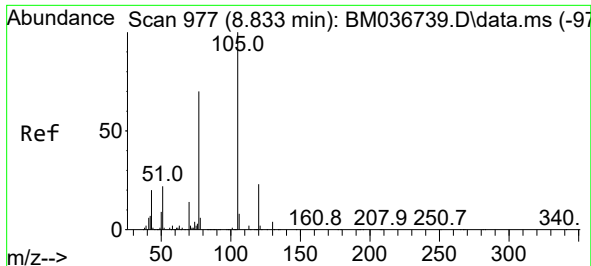
Ion Ratio Lower Upper

45 100

77 17.0 13.1 19.7

79 12.9 9.5 14.3

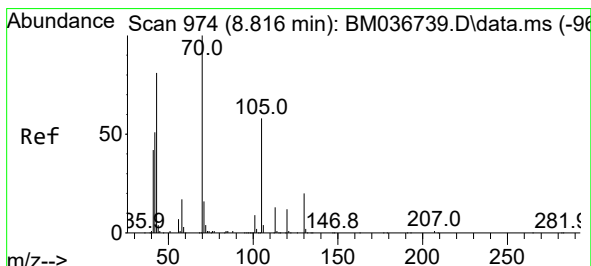
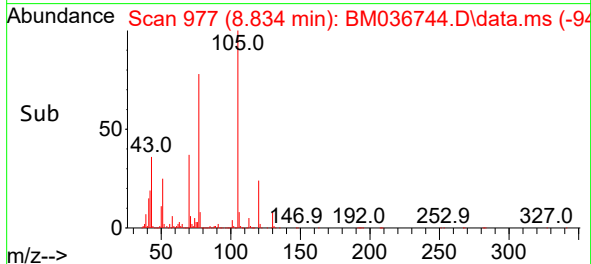
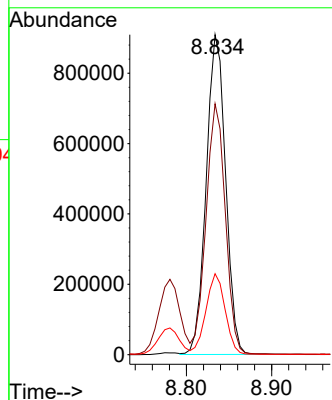
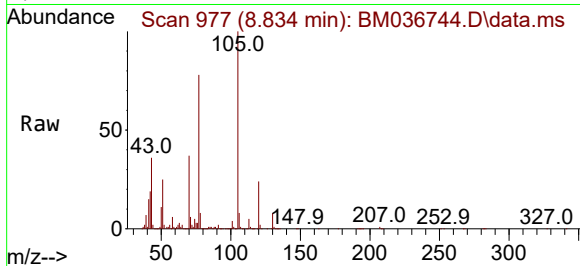




#16
Acetophenone
Concen: 36.826 ng/ul
RT: 8.834 min Scan# 91
Delta R.T. 0.000 min
Lab File: BM036744.D
Acq: 26 Sep 2022 14:19

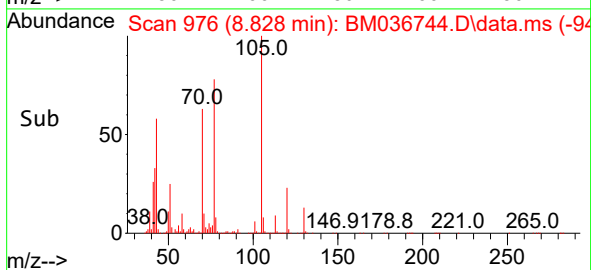
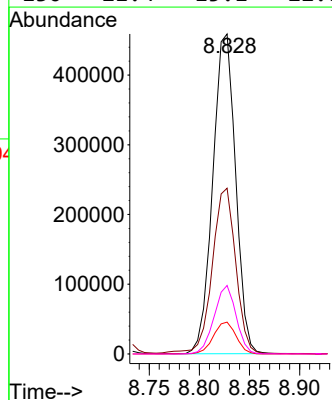
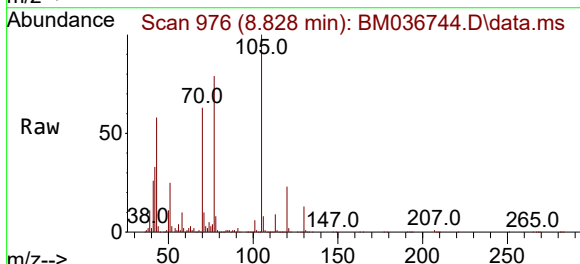
Instrument :
BNA_M
ClientSampleId :

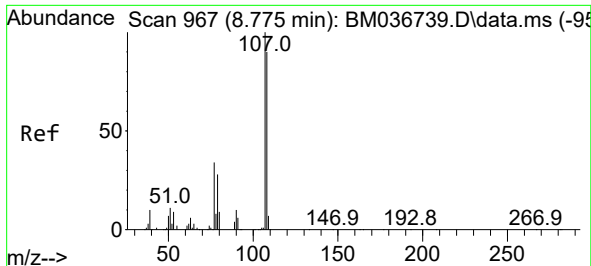
Tgt Ion:105 Resp: 1435838
Ion Ratio Lower Upper
105 100
77 78.4 61.6 92.4
51 25.3 20.5 30.7



#17
N-Nitroso-di-n-propylamine
Concen: 38.559 ng/ul
RT: 8.828 min Scan# 976
Delta R.T. 0.012 min
Lab File: BM036744.D
Acq: 26 Sep 2022 14:19

Tgt Ion: 70 Resp: 725437
Ion Ratio Lower Upper
70 100
42 51.8 43.0 64.4
101 10.0 7.7 11.5
130 21.4 15.1 22.7

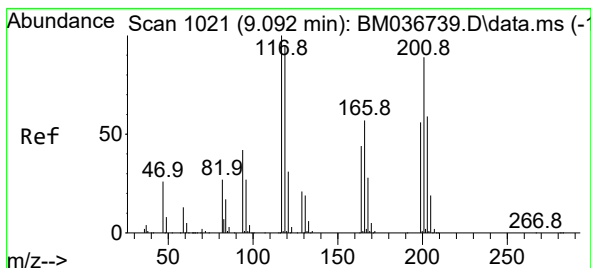
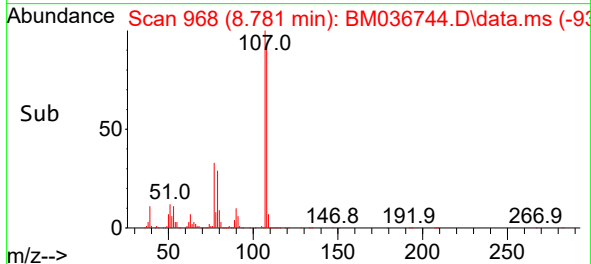
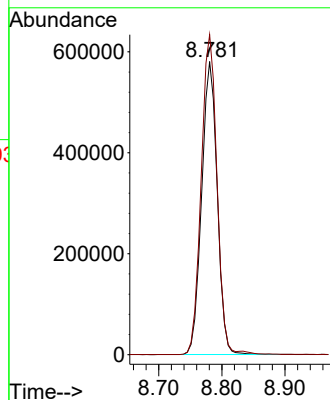
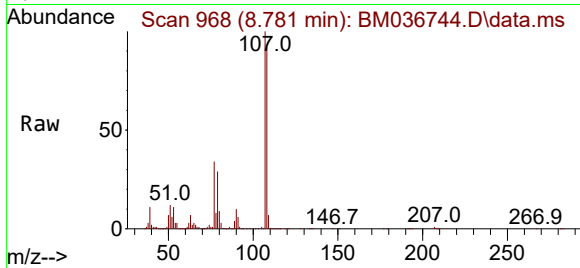




#18
4-Methylphenol
Concen: 38.328 ng/ul
RT: 8.781 min Scan# 968
Delta R.T. 0.006 min
Lab File: BM036744.D
Acq: 26 Sep 2022 14:19

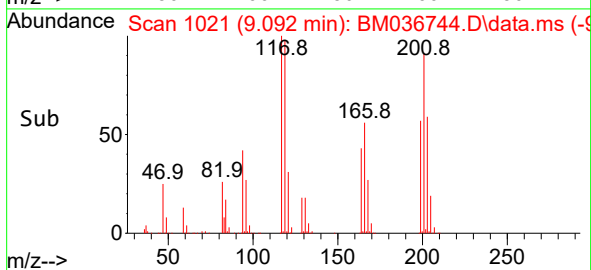
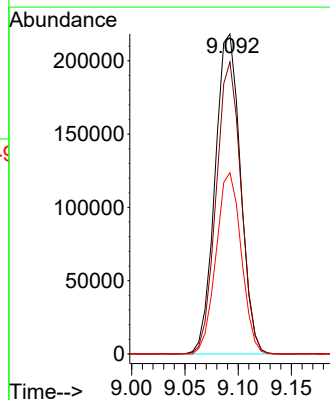
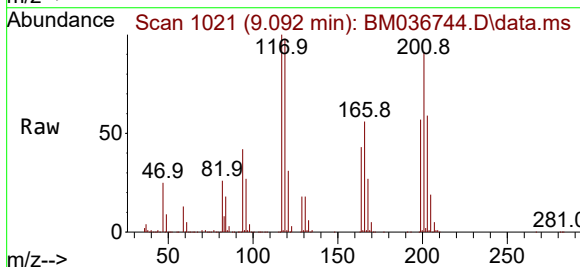
Instrument :
BNA_M
ClientSampleId :

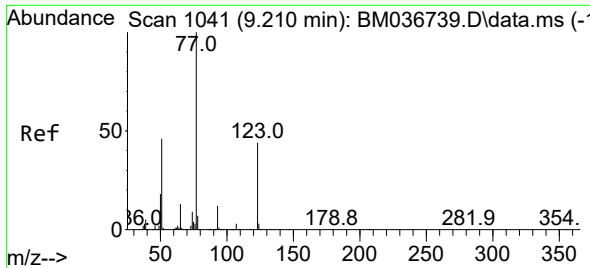
Tgt Ion:108 Resp: 994669
Ion Ratio Lower Upper
108 100
107 109.2 89.4 134.0



#19
Hexachloroethane
Concen: 37.773 ng/ul
RT: 9.092 min Scan# 1021
Delta R.T. 0.000 min
Lab File: BM036744.D
Acq: 26 Sep 2022 14:19

Tgt Ion:117 Resp: 362486
Ion Ratio Lower Upper
117 100
201 91.3 68.7 103.1
199 56.6 43.0 64.6

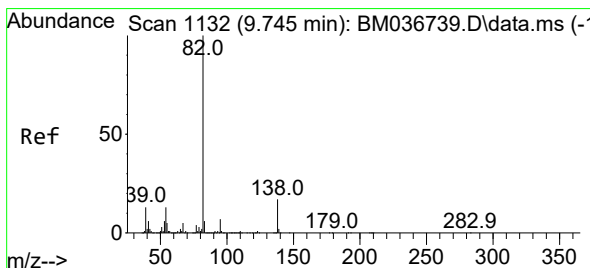
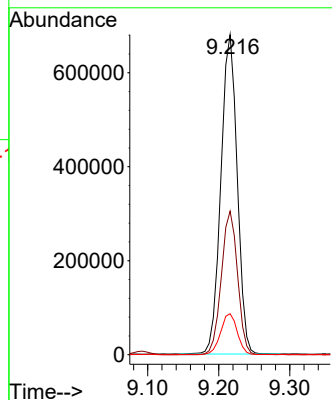
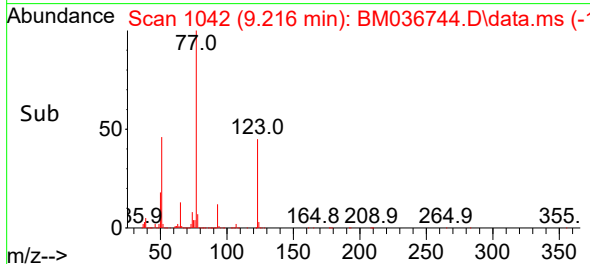
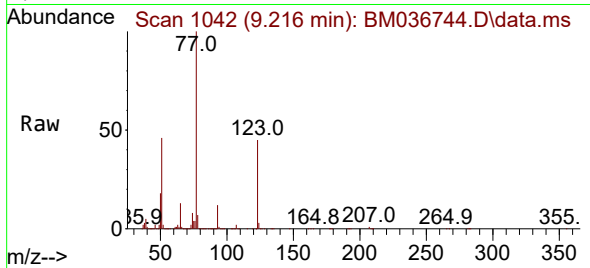




#22
Nitrobenzene
Concen: 41.528 ng/ul
RT: 9.216 min Scan# 1042
Delta R.T. 0.006 min
Lab File: BM036744.D
Acq: 26 Sep 2022 14:19

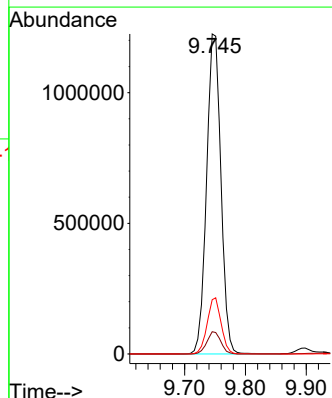
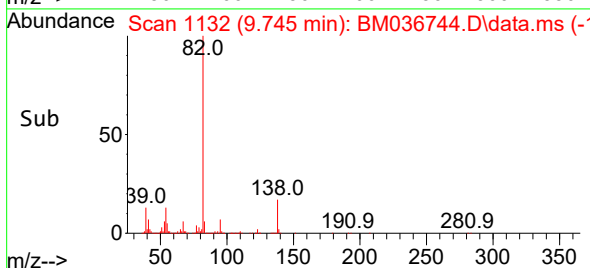
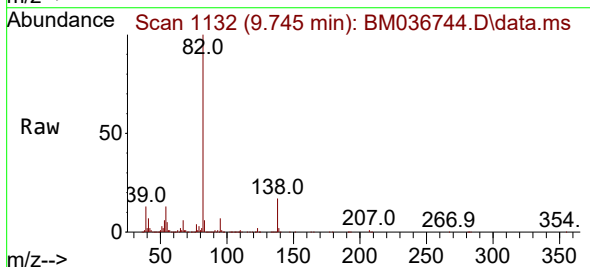
Instrument :
BNA_M
ClientSampleId :

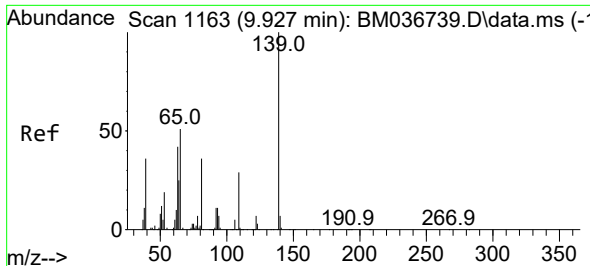
Tgt Ion: 77 Resp: 1083745
Ion Ratio Lower Upper
77 100
123 44.9 34.9 52.3
65 12.8 10.7 16.1



#23
Isophorone
Concen: 37.730 ng/ul
RT: 9.745 min Scan# 1132
Delta R.T. 0.000 min
Lab File: BM036744.D
Acq: 26 Sep 2022 14:19

Tgt Ion: 82 Resp: 2007640
Ion Ratio Lower Upper
82 100
95 6.9 5.4 8.2
138 17.0 13.5 20.3

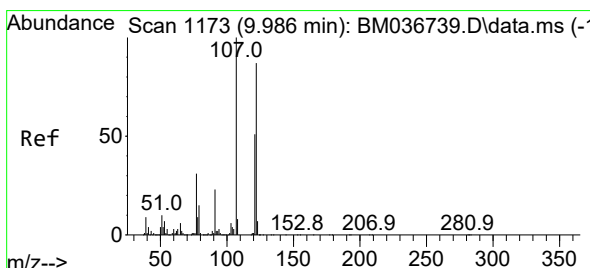
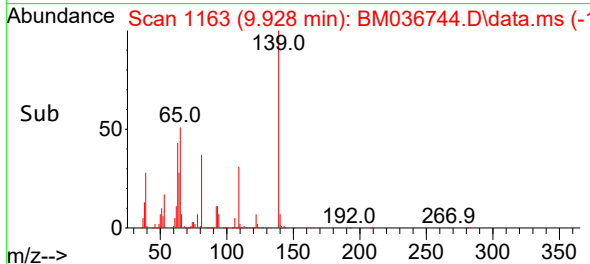
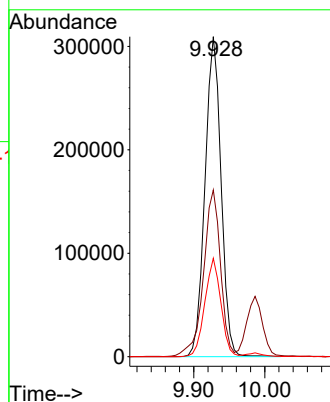
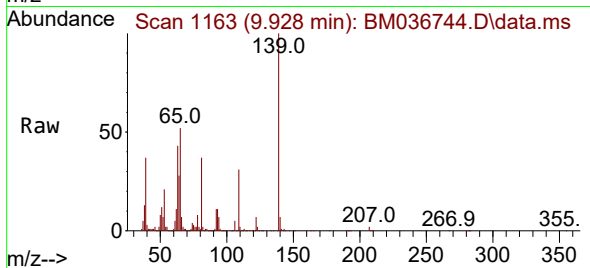




#25
 2-Nitrophenol
 Concen: 44.857 ng/ul
 RT: 9.928 min Scan# 1163
 Delta R.T. 0.000 min
 Lab File: BM036744.D
 Acq: 26 Sep 2022 14:19

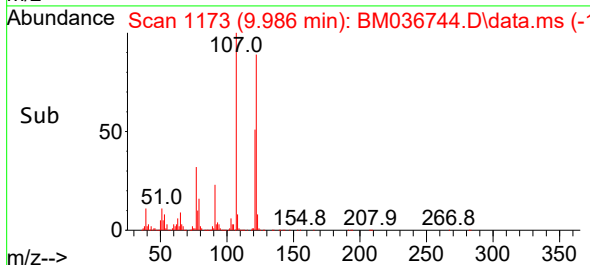
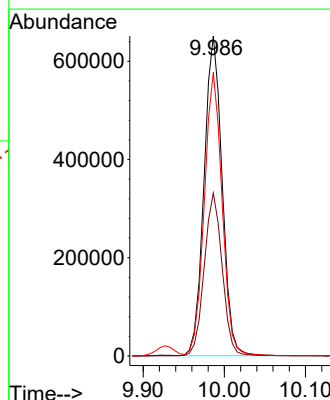
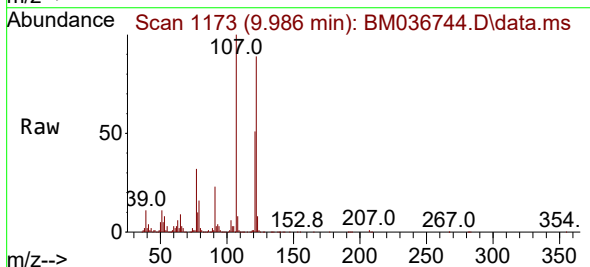
Instrument :
 BNA_M
 ClientSampleId :

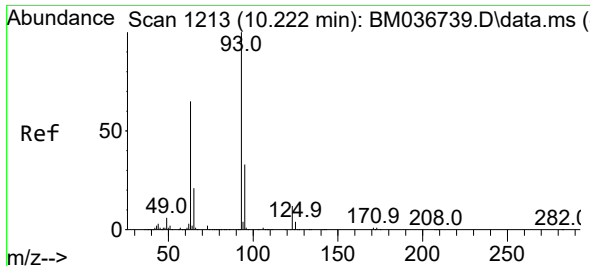
Tgt Ion:139 Resp: 487787
 Ion Ratio Lower Upper
 139 100
 65 52.1 40.9 61.3
 109 30.7 23.9 35.9



#26
 2,4-Dimethylphenol
 Concen: 37.559 ng/ul
 RT: 9.986 min Scan# 1173
 Delta R.T. 0.000 min
 Lab File: BM036744.D
 Acq: 26 Sep 2022 14:19

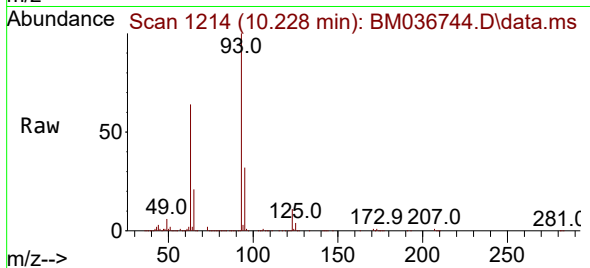
Tgt Ion:107 Resp: 1007338
 Ion Ratio Lower Upper
 107 100
 121 50.9 39.4 59.2
 122 88.6 69.1 103.7



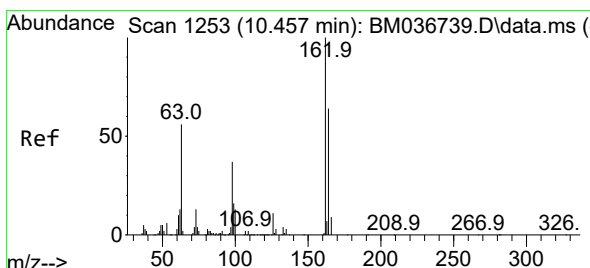
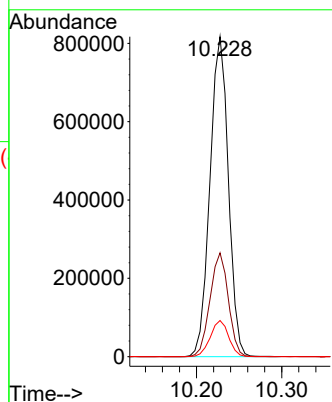
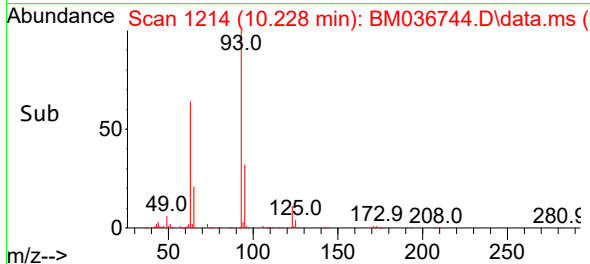


#27
 Bis(2-Chloroethoxy)methane
 Concen: 38.777 ng/ul
 RT: 10.228 min Scan# 1214
 Delta R.T. 0.006 min
 Lab File: BM036744.D
 Acq: 26 Sep 2022 14:19

Instrument :
 BNA_M
 ClientSampleId :

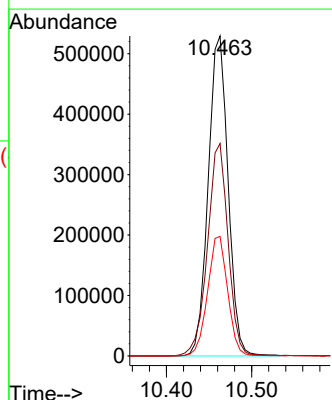
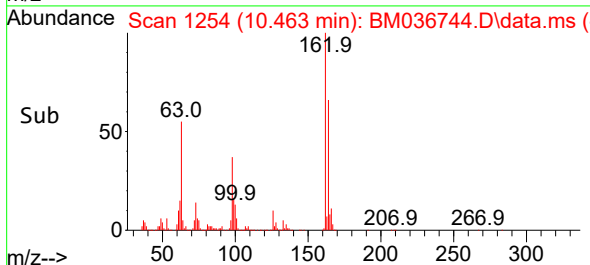
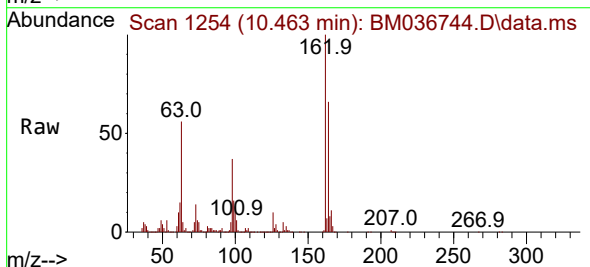


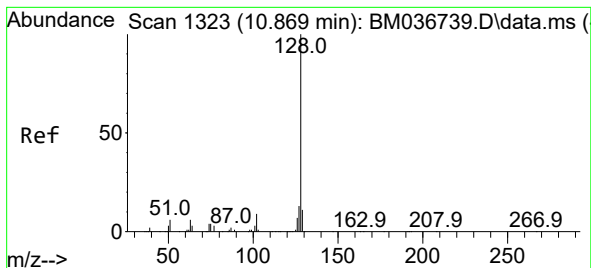
Tgt Ion: 93 Resp: 1229825
 Ion Ratio Lower Upper
 93 100
 95 32.4 26.2 39.4
 123 11.3 9.2 13.8



#29
 2,4-Dichlorophenol
 Concen: 39.994 ng/ul
 RT: 10.463 min Scan# 1254
 Delta R.T. 0.006 min
 Lab File: BM036744.D
 Acq: 26 Sep 2022 14:19

Tgt Ion: 162 Resp: 857882
 Ion Ratio Lower Upper
 162 100
 164 66.4 52.1 78.1
 98 37.4 29.1 43.7

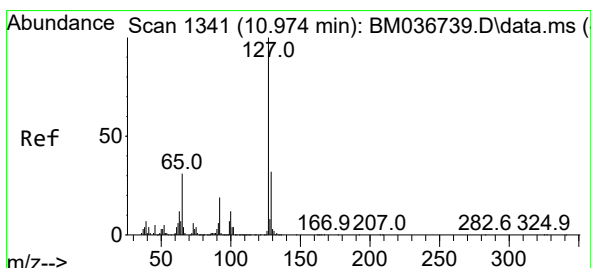
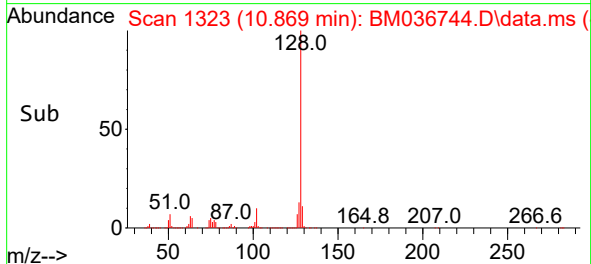
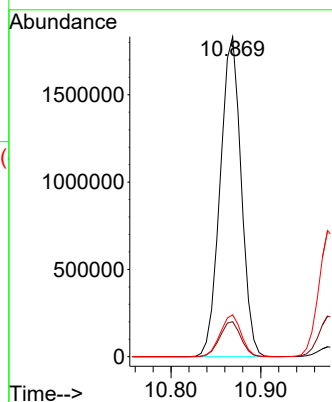
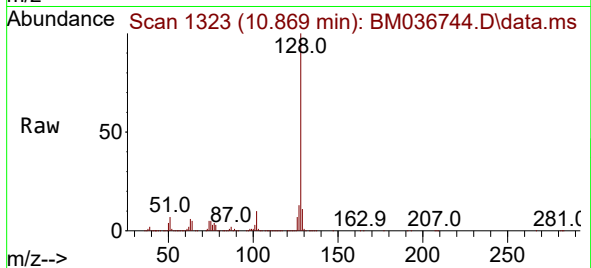




#30
Naphthalene
Concen: 37.616 ng/ul
RT: 10.869 min Scan# 1323
Delta R.T. 0.000 min
Lab File: BM036744.D
Acq: 26 Sep 2022 14:19

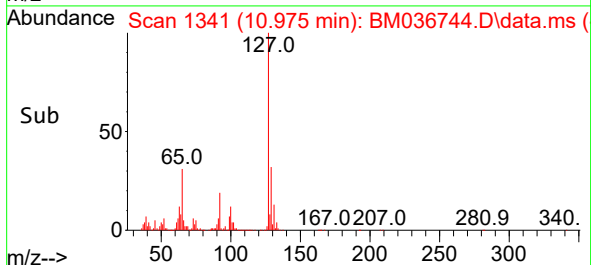
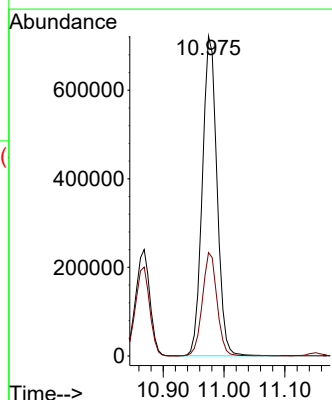
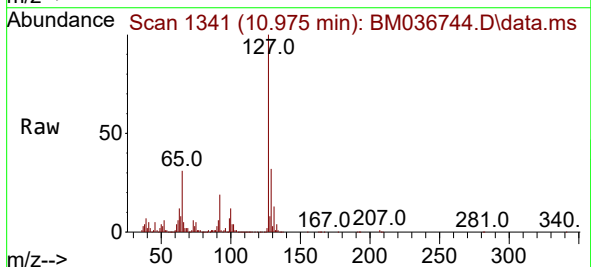
Instrument :
BNA_M
ClientSampleId :

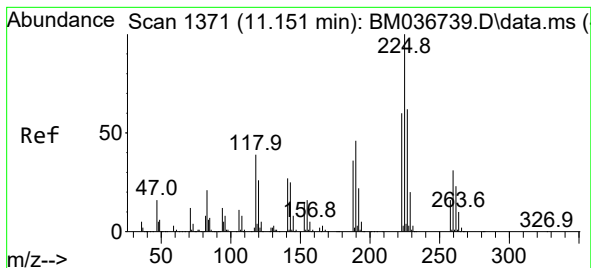
Tgt Ion:128 Resp: 2975769
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 13.1 10.3 15.5



#32
4-Chloroaniline
Concen: 34.390 ng/ul
RT: 10.975 min Scan# 1341
Delta R.T. 0.000 min
Lab File: BM036744.D
Acq: 26 Sep 2022 14:19

Tgt Ion:127 Resp: 1204460
Ion Ratio Lower Upper
127 100
129 32.3 25.4 38.2





#33

Hexachlorobutadiene

Concen: 36.360 ng/ul

RT: 11.151 min Scan# 1

Delta R.T. 0.000 min

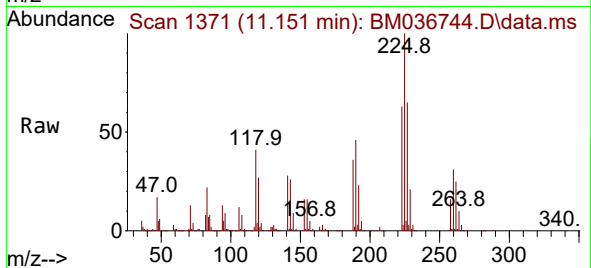
Lab File: BM036744.D

Acq: 26 Sep 2022 14:19

Instrument :

BNA_M

ClientSampleId :



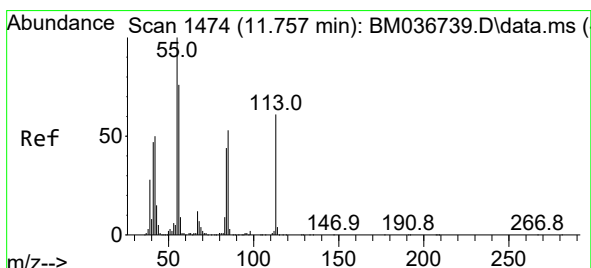
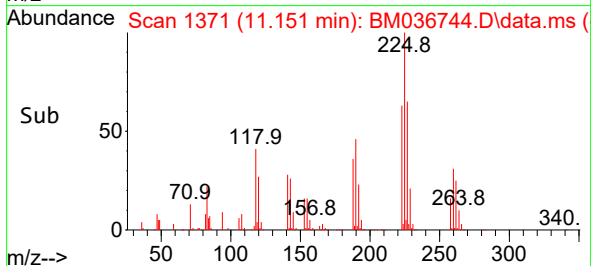
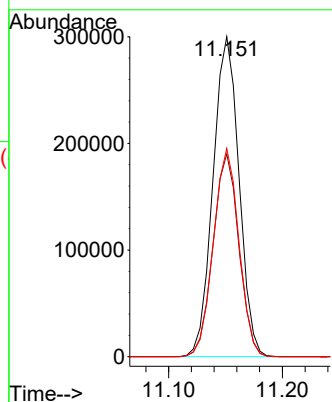
Tgt Ion:225 Resp: 477010

Ion Ratio Lower Upper

225 100

223 63.4 49.8 74.8

227 65.1 51.0 76.6



#34

Caprolactam

Concen: 28.235 ng/ul

RT: 11.769 min Scan# 1476

Delta R.T. 0.012 min

Lab File: BM036744.D

Acq: 26 Sep 2022 14:19

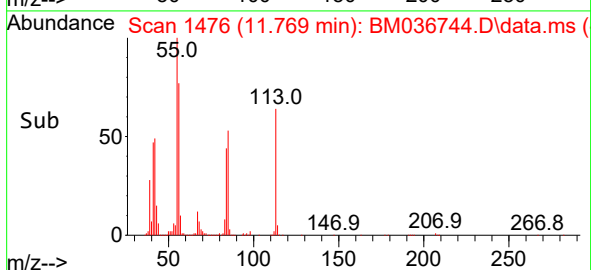
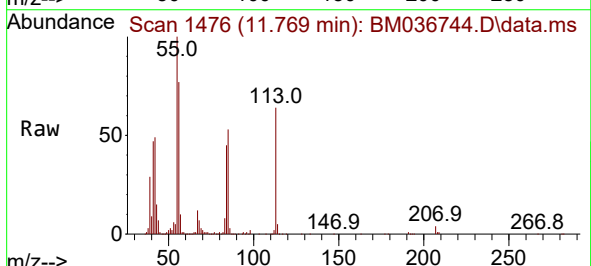
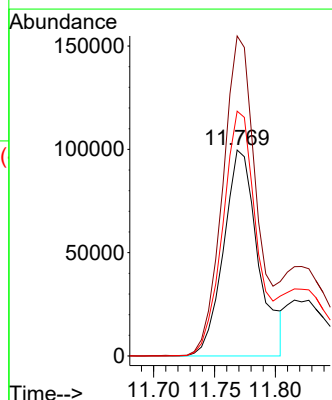
Tgt Ion:113 Resp: 196458

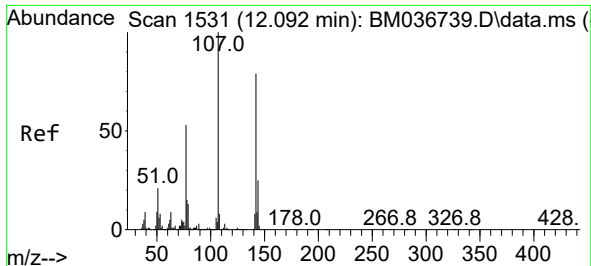
Ion Ratio Lower Upper

113 100

55 155.4 127.5 191.3

56 118.9 94.6 142.0

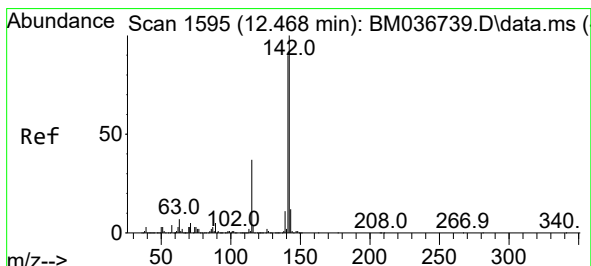
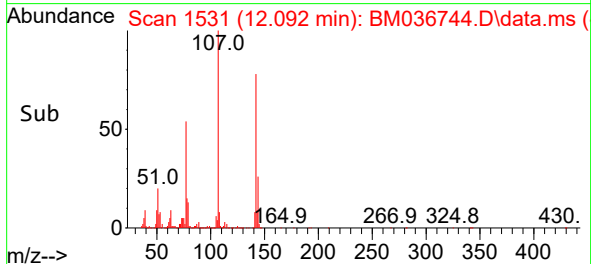
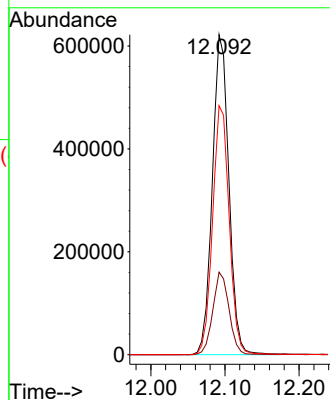
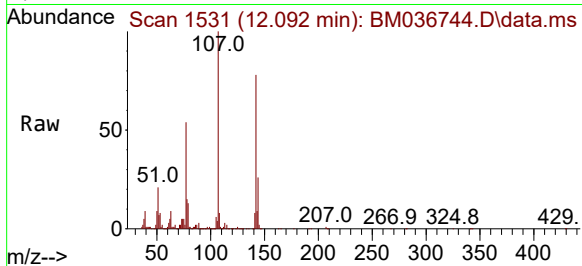




#35
4-Chloro-3-methylphenol
Concen: 40.684 ng/ul
RT: 12.092 min Scan# 1531
Delta R.T. 0.000 min
Lab File: BM036744.D
Acq: 26 Sep 2022 14:19

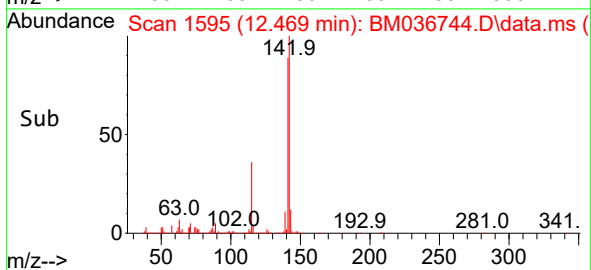
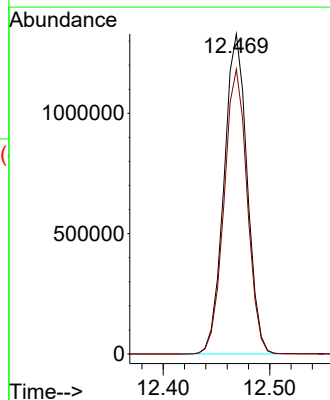
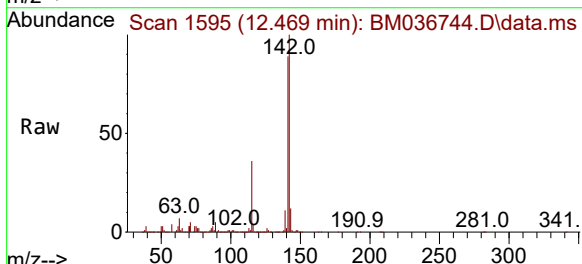
Instrument :
BNA_M
ClientSampleId :

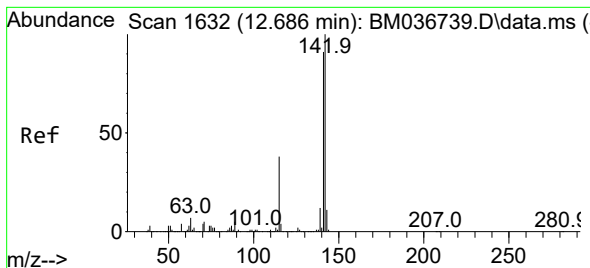
Tgt Ion:107 Resp: 963316
Ion Ratio Lower Upper
107 100
144 25.8 21.5 32.3
142 77.8 63.9 95.9



#36
2-Methylnaphthalene
Concen: 38.048 ng/ul
RT: 12.469 min Scan# 1595
Delta R.T. 0.000 min
Lab File: BM036744.D
Acq: 26 Sep 2022 14:19

Tgt Ion:142 Resp: 2005467
Ion Ratio Lower Upper
142 100
141 88.9 70.7 106.1





#37

1-Methylnaphthalene

Concen: 38.157 ng/ul

RT: 12.686 min Scan# 1

Delta R.T. 0.000 min

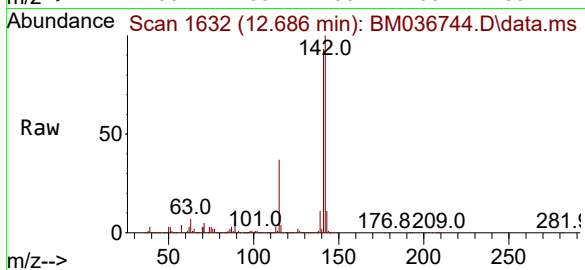
Lab File: BM036744.D

Acq: 26 Sep 2022 14:19

Instrument :

BNA_M

ClientSampleId :



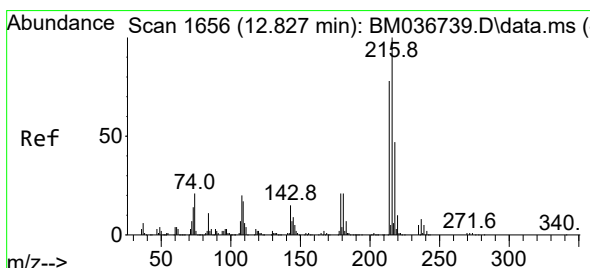
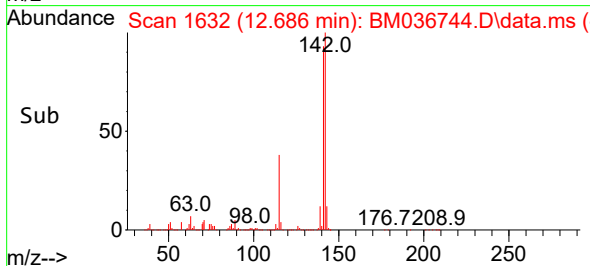
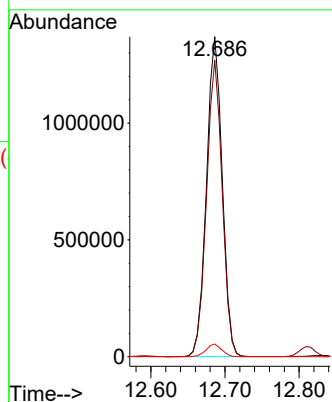
Tgt Ion:142 Resp: 2021856

Ion Ratio Lower Upper

142 100

141 92.6 73.4 110.2

116 4.0 3.1 4.7



#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.790 ng/ul

RT: 12.833 min Scan# 1657

Delta R.T. 0.006 min

Lab File: BM036744.D

Acq: 26 Sep 2022 14:19

Tgt Ion:216 Resp: 953448

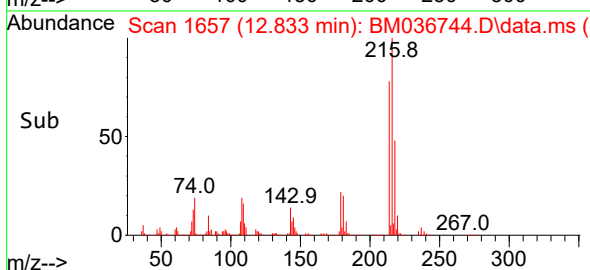
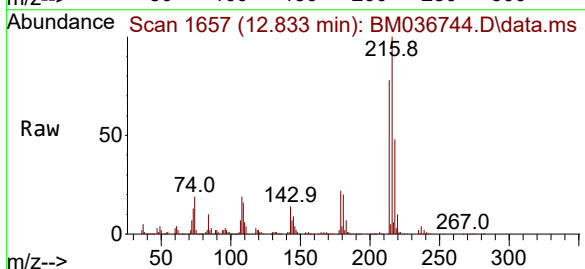
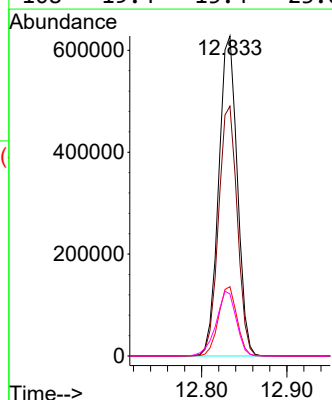
Ion Ratio Lower Upper

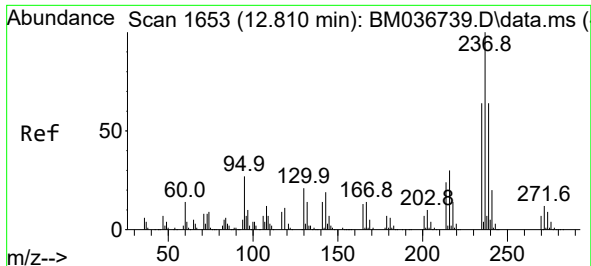
216 100

214 78.1 62.4 93.6

179 21.7 16.7 25.1

108 19.4 15.4 23.0

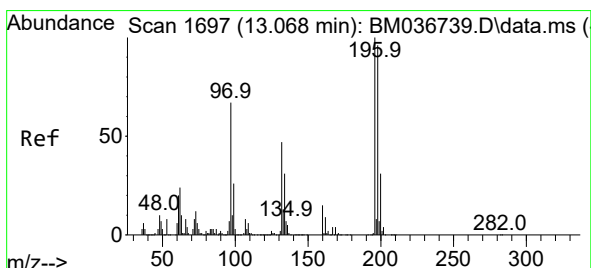
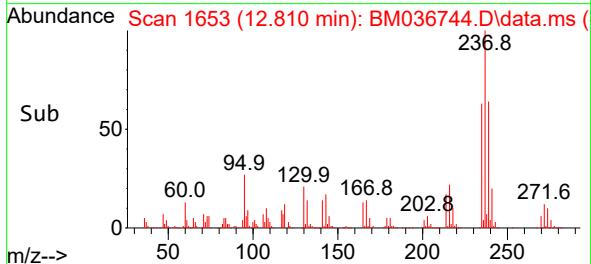
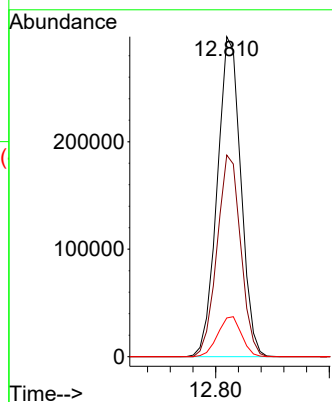
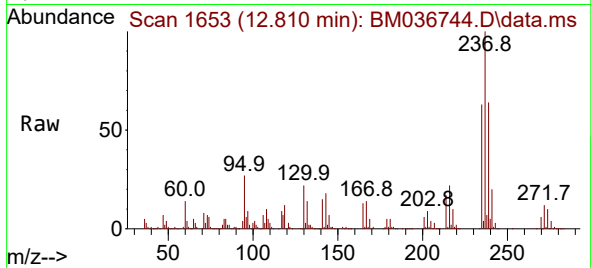




#40
Hexachlorocyclopentadiene
Concen: 32.698 ng/ul
RT: 12.810 min Scan# 1653
Delta R.T. 0.000 min
Lab File: BM036744.D
Acq: 26 Sep 2022 14:19

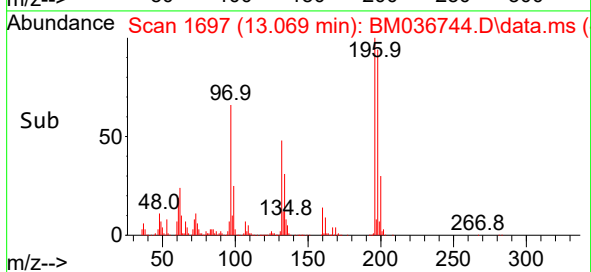
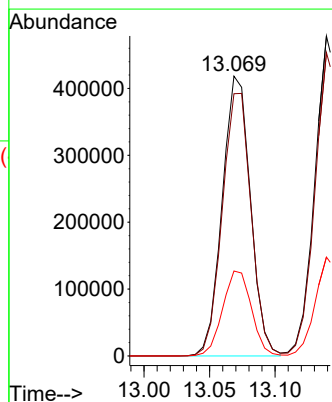
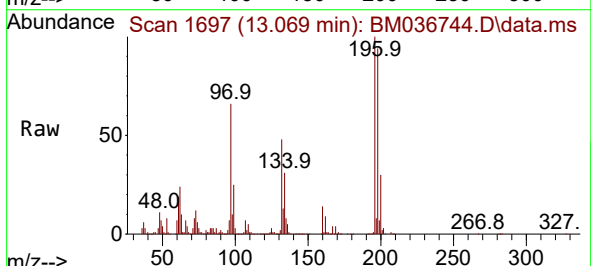
Instrument :
BNA_M
ClientSampleId :

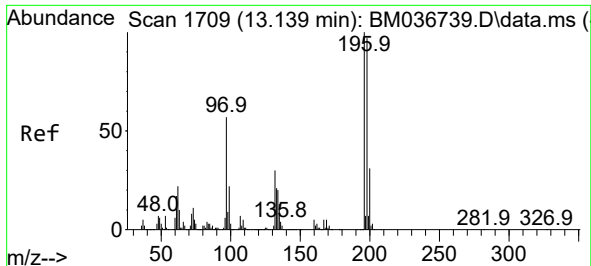
Tgt Ion:237 Resp: 429930
Ion Ratio Lower Upper
237 100
235 63.0 50.9 76.3
272 12.9 10.3 15.5



#41
2,4,6-Trichlorophenol
Concen: 40.562 ng/ul
RT: 13.069 min Scan# 1697
Delta R.T. 0.000 min
Lab File: BM036744.D
Acq: 26 Sep 2022 14:19

Tgt Ion:196 Resp: 626608
Ion Ratio Lower Upper
196 100
198 93.7 77.3 115.9
200 30.4 25.2 37.8

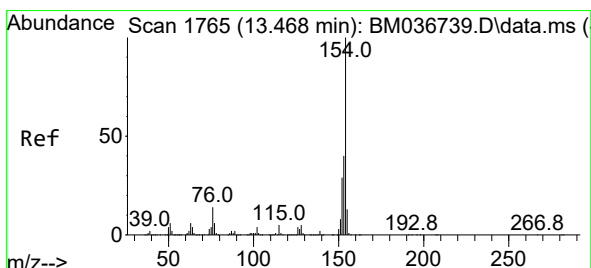
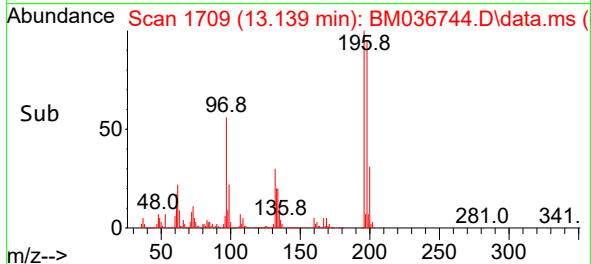
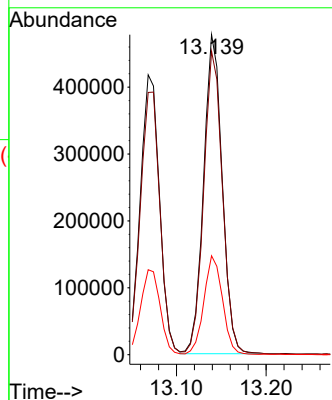
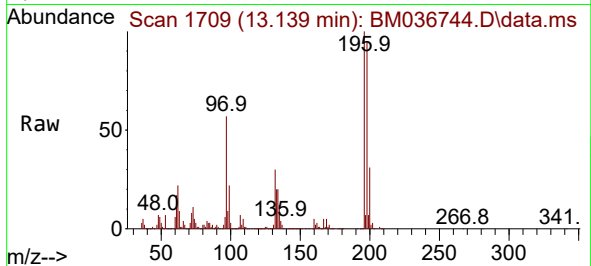




#42
2,4,5-Trichlorophenol
Concen: 41.424 ng/ul
RT: 13.139 min Scan# 1709
Delta R.T. 0.000 min
Lab File: BM036744.D
Acq: 26 Sep 2022 14:19

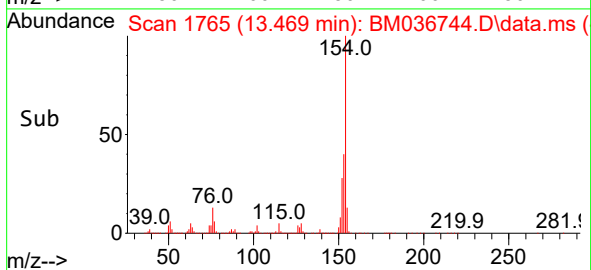
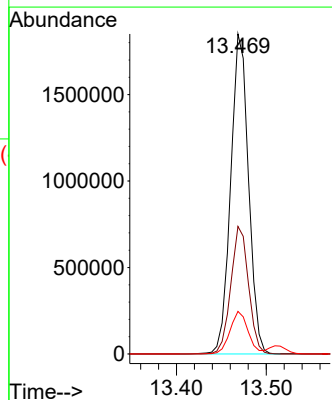
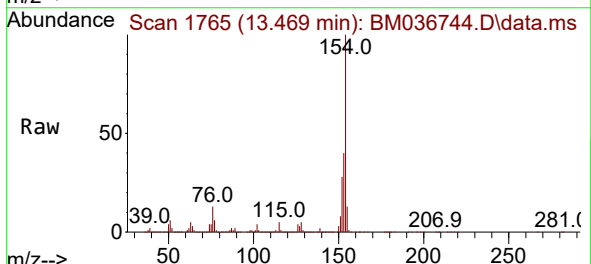
Instrument :
BNA_M
ClientSampleId :

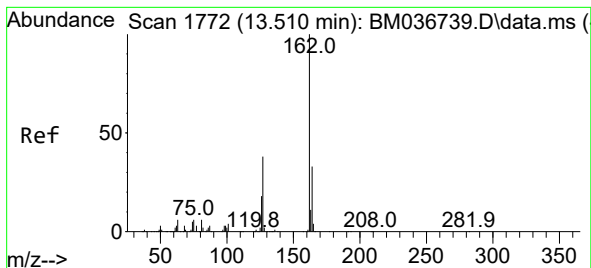
Tgt Ion:196 Resp: 686077
Ion Ratio Lower Upper
196 100
198 94.8 75.6 113.4
200 30.9 24.7 37.1



#43
1,1'-Biphenyl
Concen: 38.822 ng/ul
RT: 13.469 min Scan# 1765
Delta R.T. 0.000 min
Lab File: BM036744.D
Acq: 26 Sep 2022 14:19

Tgt Ion:154 Resp: 2550955
Ion Ratio Lower Upper
154 100
153 39.8 31.4 47.2
76 13.3 10.4 15.6

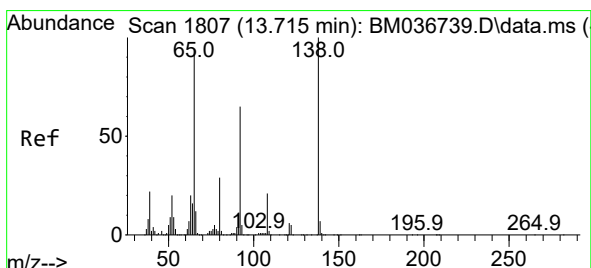
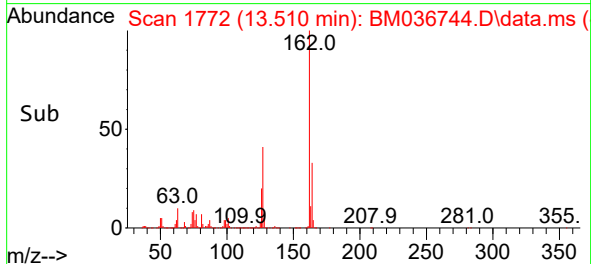
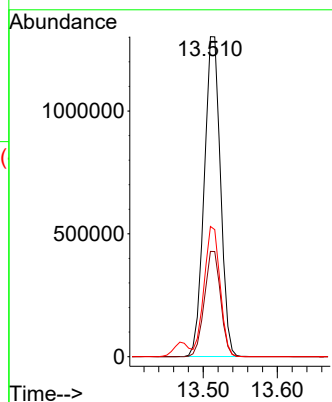
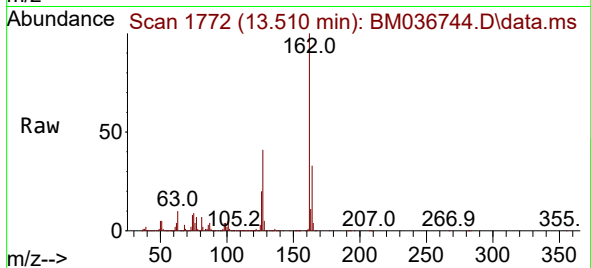




#44
2-Chloronaphthalene
Concen: 38.466 ng/ul
RT: 13.510 min Scan# 1772
Delta R.T. 0.000 min
Lab File: BM036744.D
Acq: 26 Sep 2022 14:19

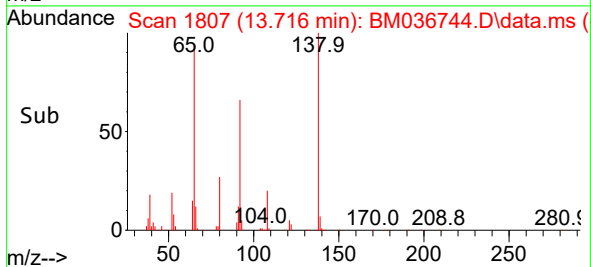
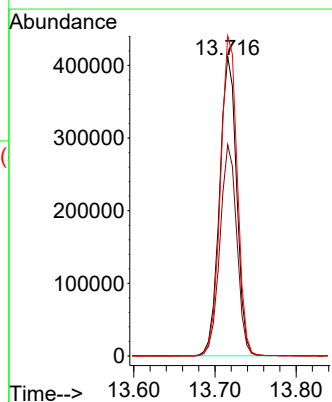
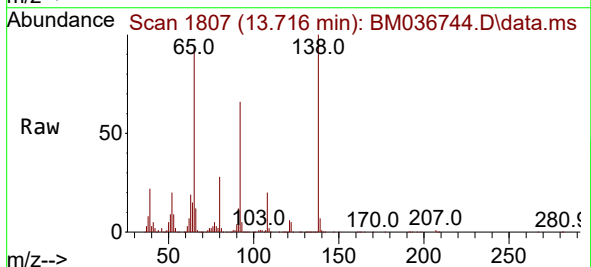
Instrument :
BNA_M
ClientSampleId :

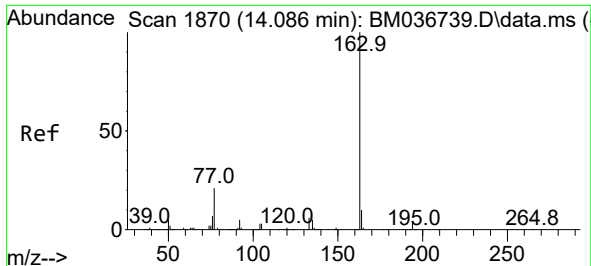
Tgt Ion:162 Resp: 1983411
Ion Ratio Lower Upper
162 100
164 32.9 26.2 39.2
127 40.7 32.6 49.0



#45
2-Nitroaniline
Concen: 47.623 ng/ul
RT: 13.716 min Scan# 1807
Delta R.T. 0.000 min
Lab File: BM036744.D
Acq: 26 Sep 2022 14:19

Tgt Ion: 65 Resp: 604399
Ion Ratio Lower Upper
65 100
92 70.6 54.4 81.6
138 106.9 86.1 129.1

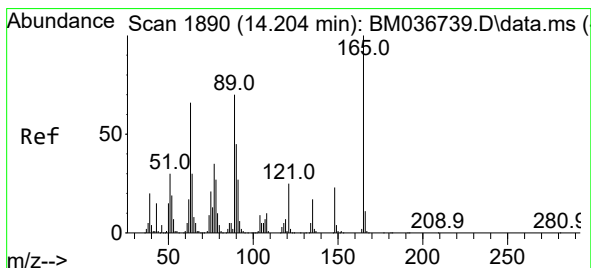
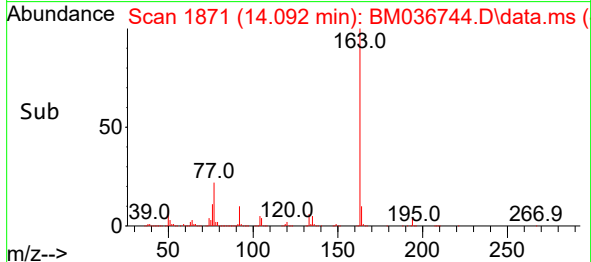
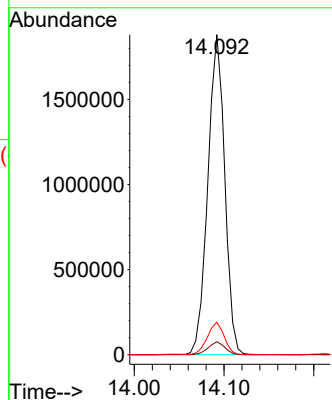
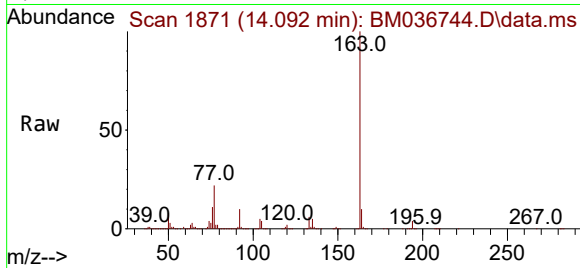




#47
Dimethylphthalate
Concen: 38.522 ng/ul
RT: 14.092 min Scan# 1871
Delta R.T. 0.006 min
Lab File: BM036744.D
Acq: 26 Sep 2022 14:19

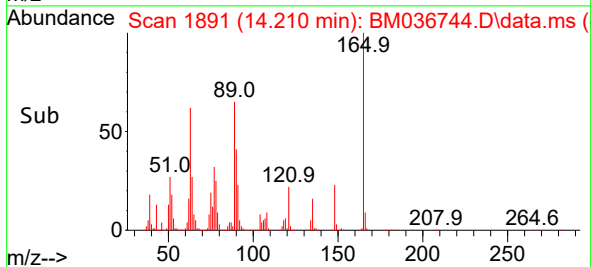
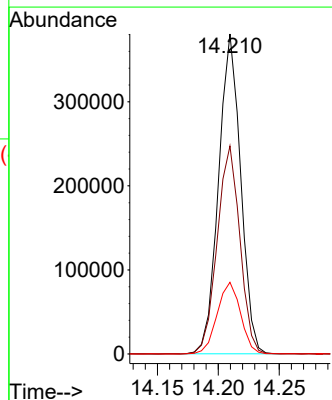
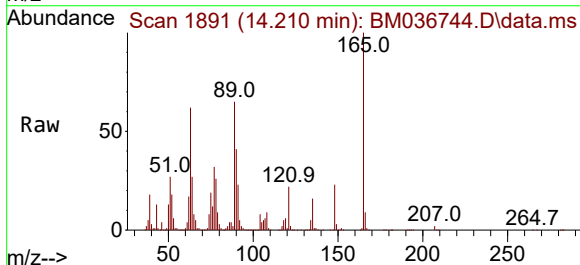
Instrument :
BNA_M
ClientSampleId :

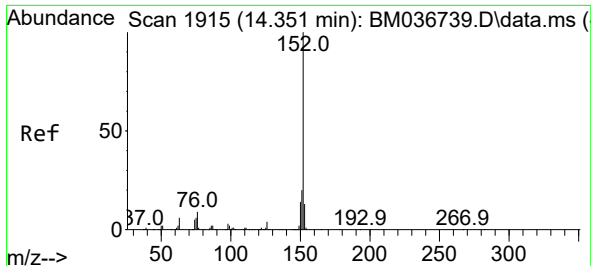
Tgt Ion:163 Resp: 2456676
Ion Ratio Lower Upper
163 100
194 4.0 3.0 4.6
164 10.1 8.3 12.5



#48
2,6-Dinitrotoluene
Concen: 46.340 ng/ul
RT: 14.210 min Scan# 1891
Delta R.T. 0.006 min
Lab File: BM036744.D
Acq: 26 Sep 2022 14:19

Tgt Ion:165 Resp: 480466
Ion Ratio Lower Upper
165 100
89 65.0 52.8 79.2
121 22.4 19.4 29.0

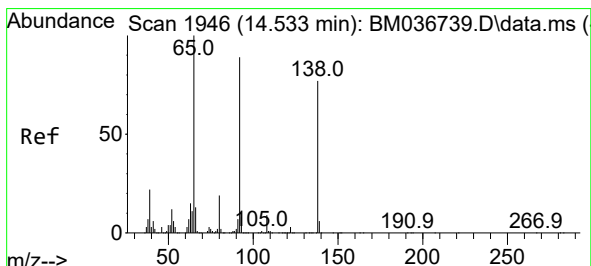
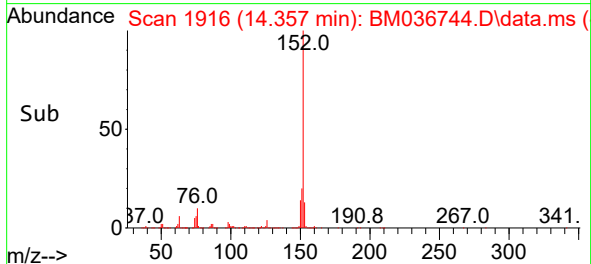
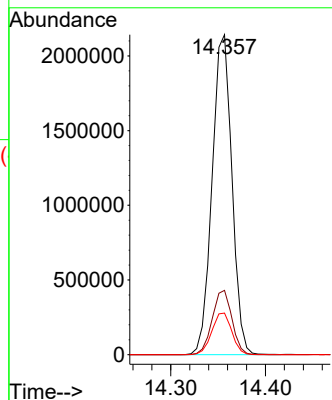
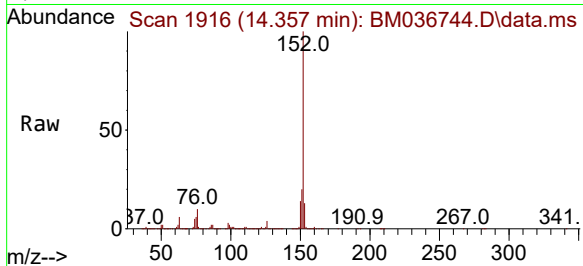




#50
Acenaphthylene
Concen: 38.122 ng/ul
RT: 14.357 min Scan# 1915
Delta R.T. 0.006 min
Lab File: BM036744.D
Acq: 26 Sep 2022 14:19

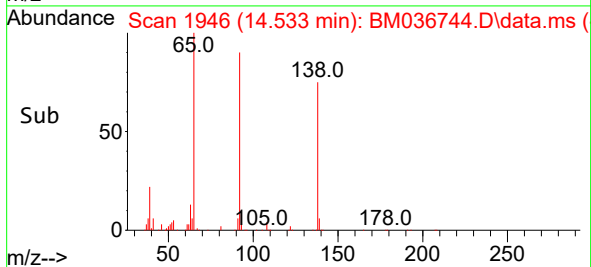
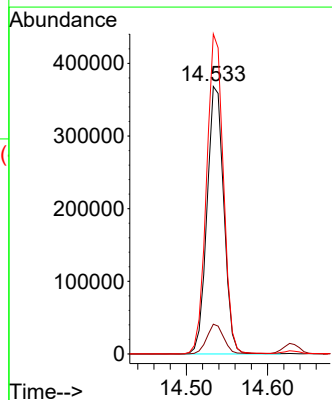
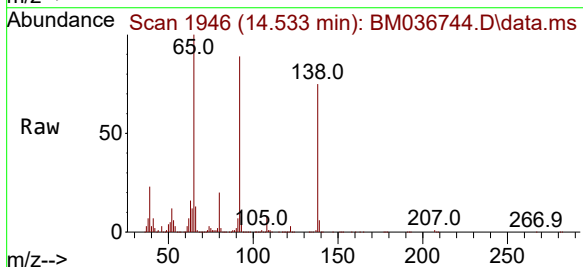
Instrument :
BNA_M
ClientSampleId :

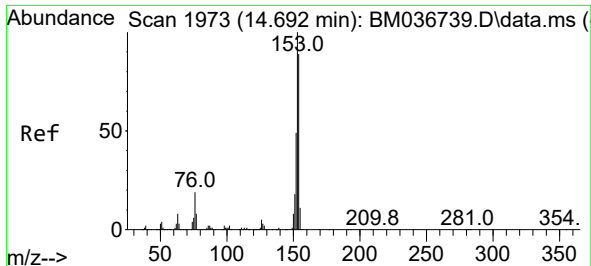
Tgt Ion:152 Resp: 3108149
Ion Ratio Lower Upper
152 100
151 20.1 15.7 23.5
153 13.0 10.5 15.7



#51
3-Nitroaniline
Concen: 42.521 ng/ul
RT: 14.533 min Scan# 1946
Delta R.T. 0.000 min
Lab File: BM036744.D
Acq: 26 Sep 2022 14:19

Tgt Ion:138 Resp: 528754
Ion Ratio Lower Upper
138 100
108 11.1 12.5 18.7#
92 119.6 95.4 143.2

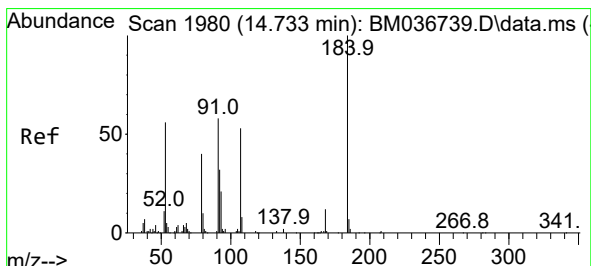
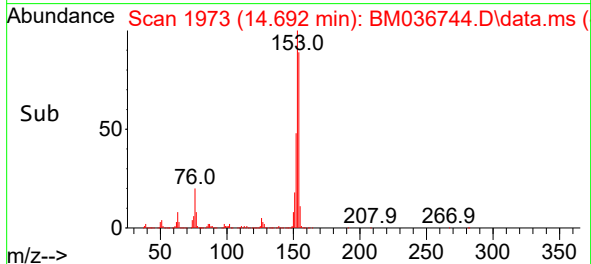
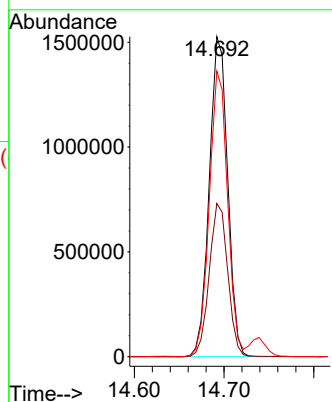
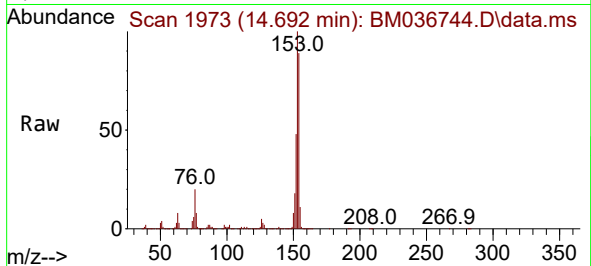




#52
Acenaphthene
Concen: 38.072 ng/ul
RT: 14.692 min Scan# 1973
Delta R.T. 0.000 min
Lab File: BM036744.D
Acq: 26 Sep 2022 14:19

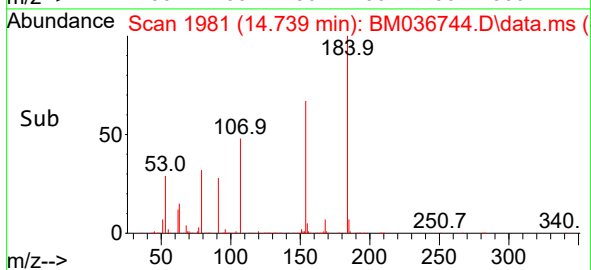
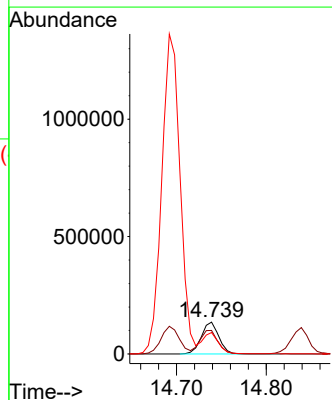
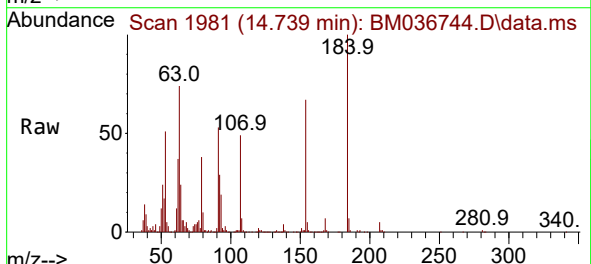
Instrument :
BNA_M
ClientSampleId :

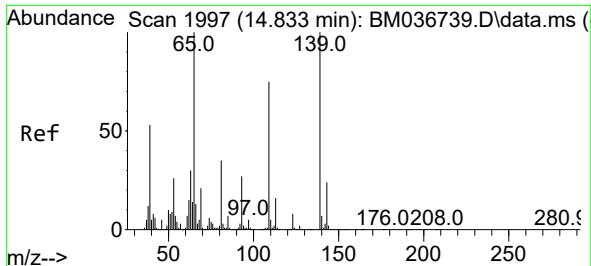
Tgt Ion:153 Resp: 2171886
Ion Ratio Lower Upper
153 100
152 47.9 38.2 57.2
154 89.3 71.0 106.6



#53
2,4-Dinitrophenol
Concen: 39.938 ng/ul
RT: 14.739 min Scan# 1981
Delta R.T. 0.006 min
Lab File: BM036744.D
Acq: 26 Sep 2022 14:19

Tgt Ion:184 Resp: 183737
Ion Ratio Lower Upper
184 100
63 73.9 58.8 88.2
154 67.5 55.0 82.4

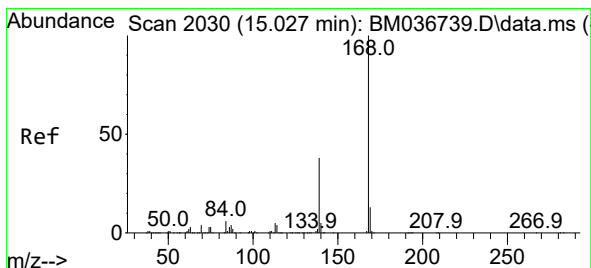
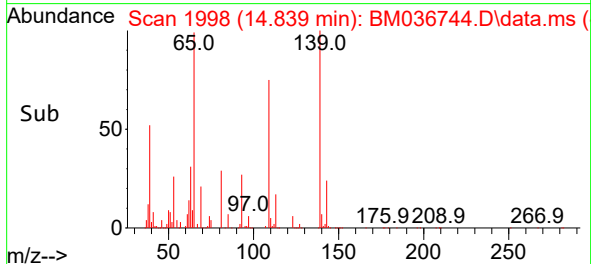
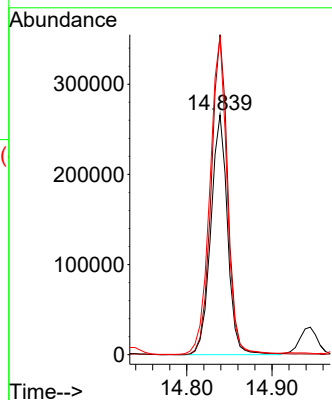
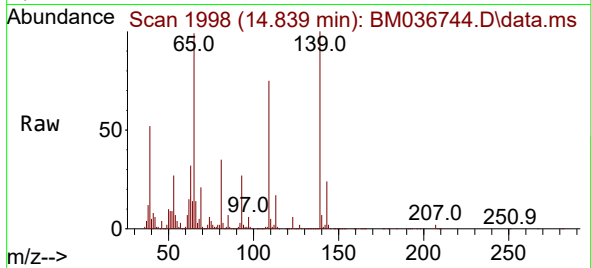




#55
4-Nitrophenol
Concen: 36.506 ng/ul
RT: 14.839 min Scan# 1997
Delta R.T. 0.006 min
Lab File: BM036744.D
Acq: 26 Sep 2022 14:19

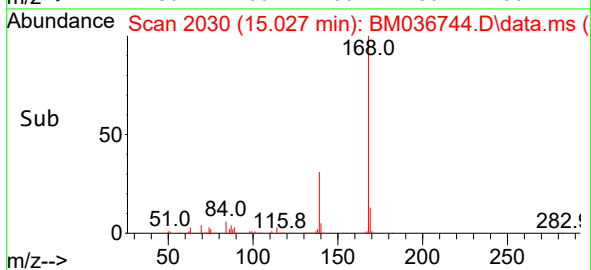
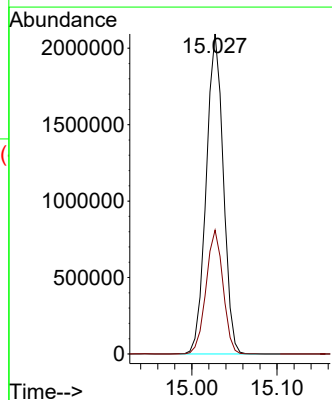
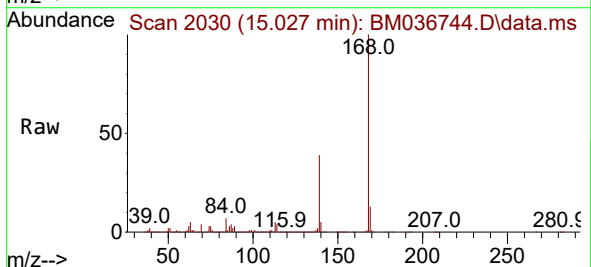
Instrument :
BNA_M
ClientSampleId :

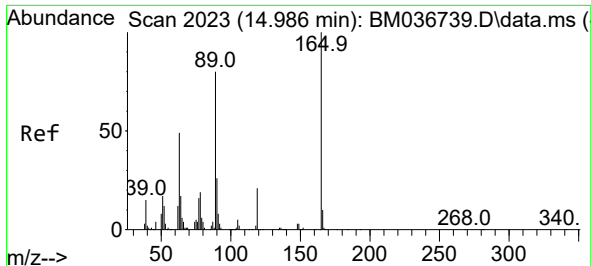
Tgt Ion:109 Resp: 363890
Ion Ratio Lower Upper
109 100
139 133.4 102.2 153.4
65 132.6 105.7 158.5



#56
Dibenzofuran
Concen: 37.994 ng/ul
RT: 15.027 min Scan# 2030
Delta R.T. 0.000 min
Lab File: BM036744.D
Acq: 26 Sep 2022 14:19

Tgt Ion:168 Resp: 2910801
Ion Ratio Lower Upper
168 100
139 38.7 29.7 44.5





#57

2,4-Dinitrotoluene

Concen: 45.944 ng/ul

RT: 14.992 min Scan# 2024

Delta R.T. 0.006 min

Lab File: BM036744.D

Acq: 26 Sep 2022 14:19

Instrument :

BNA_M

ClientSampleId :

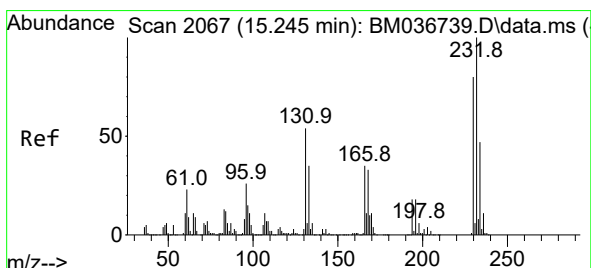
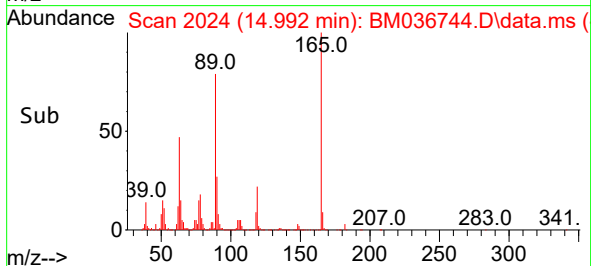
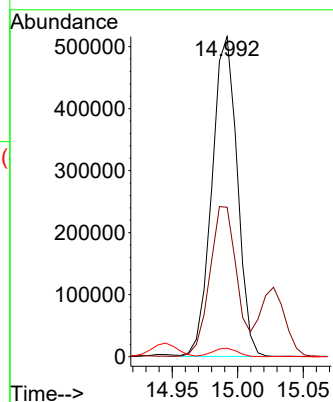
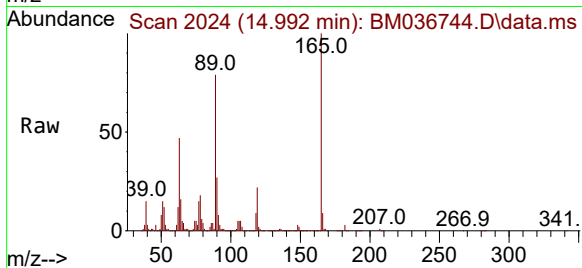
Tgt Ion:165 Resp: 692525

Ion Ratio Lower Upper

165 100

63 46.7 39.7 59.5

182 2.7 2.1 3.1



#58

2,3,4,6-Tetrachlorophenol

Concen: 40.375 ng/ul

RT: 15.251 min Scan# 2068

Delta R.T. 0.006 min

Lab File: BM036744.D

Acq: 26 Sep 2022 14:19

Tgt Ion:232 Resp: 559766

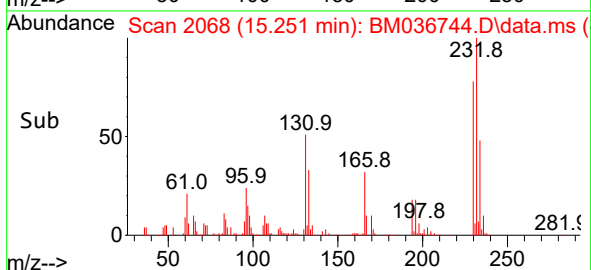
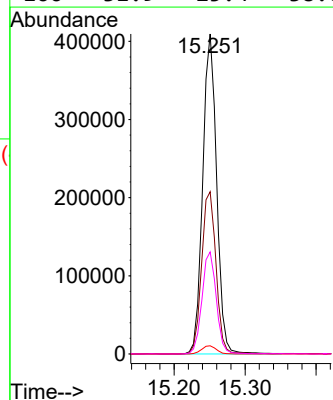
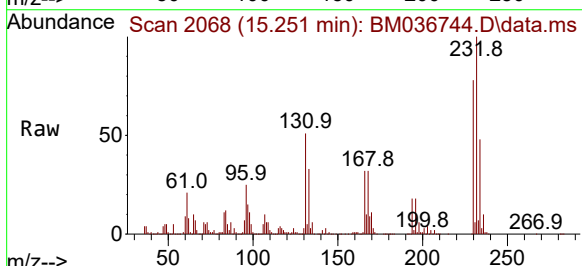
Ion Ratio Lower Upper

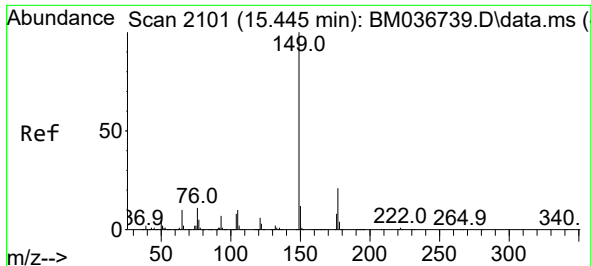
232 100

131 50.7 39.1 58.7

130 2.6 1.8 2.6

166 31.9 25.4 38.0

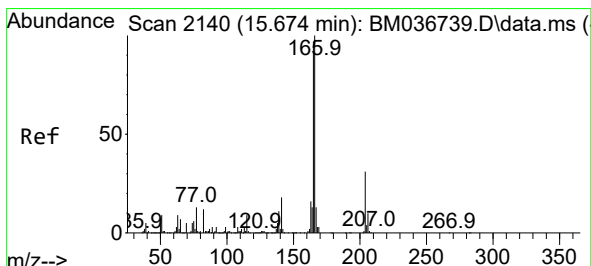
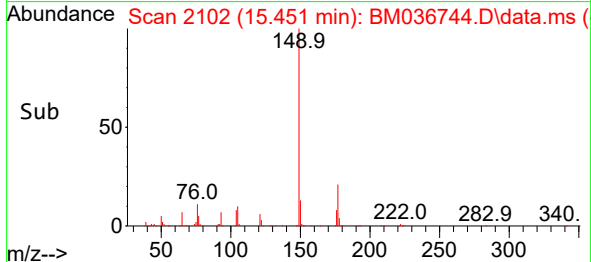
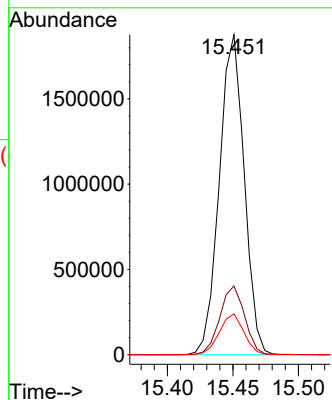
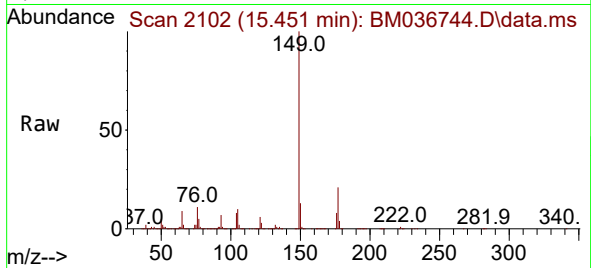




#59
Diethylphthalate
Concen: 38.724 ng/ul
RT: 15.451 min Scan# 2101
Delta R.T. 0.006 min
Lab File: BM036744.D
Acq: 26 Sep 2022 14:19

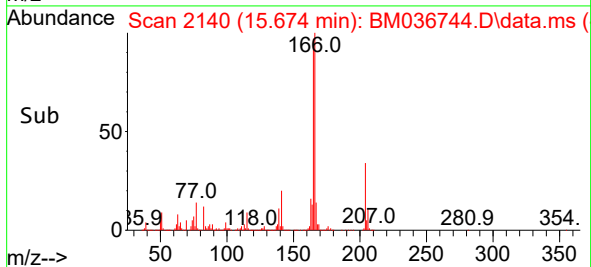
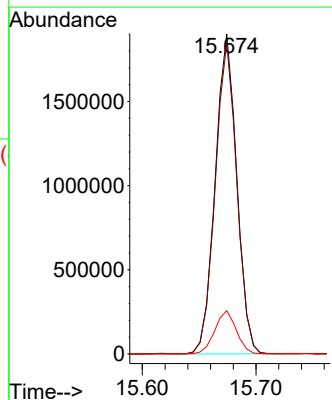
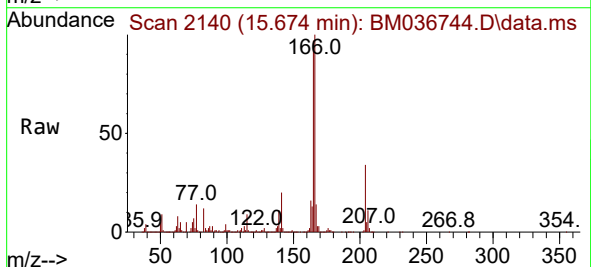
Instrument :
BNA_M
ClientSampleId :

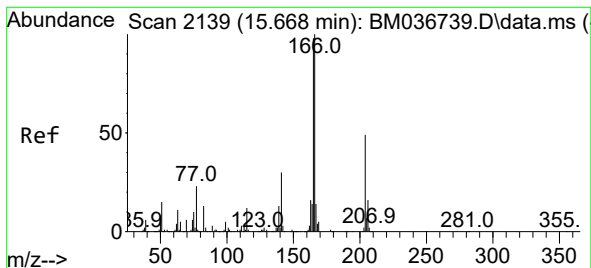
Tgt Ion:149 Resp: 2472172
Ion Ratio Lower Upper
149 100
177 21.5 17.3 25.9
150 12.7 10.1 15.1



#61
Fluorene
Concen: 38.361 ng/ul
RT: 15.674 min Scan# 2140
Delta R.T. 0.000 min
Lab File: BM036744.D
Acq: 26 Sep 2022 14:19

Tgt Ion:166 Resp: 2503026
Ion Ratio Lower Upper
166 100
165 97.3 78.5 117.7
167 13.5 10.4 15.6

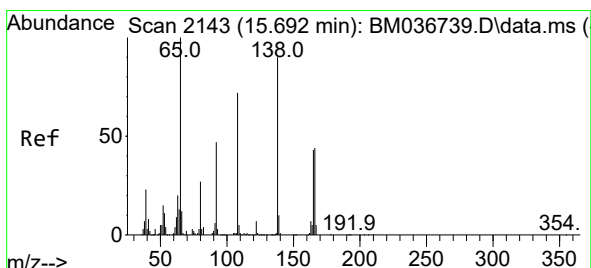
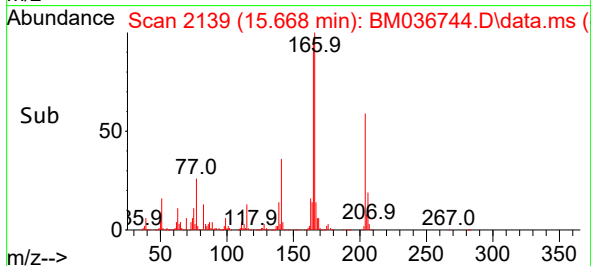
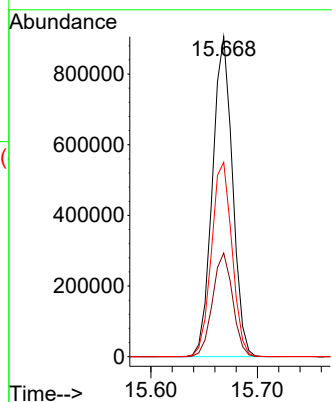
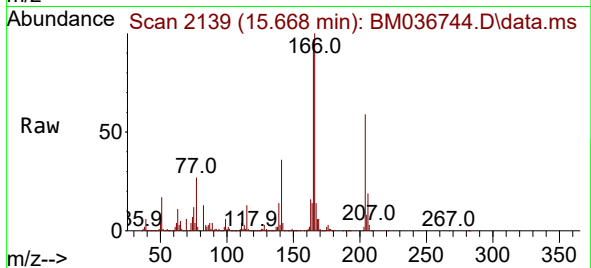




#62
4-Chlorophenyl-phenylether
Concen: 37.901 ng/ul
RT: 15.668 min Scan# 2139
Delta R.T. 0.000 min
Lab File: BM036744.D
Acq: 26 Sep 2022 14:19

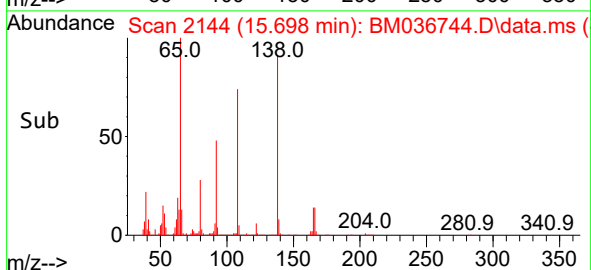
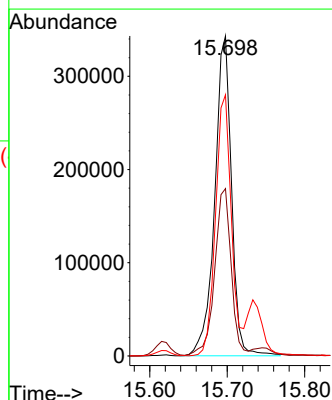
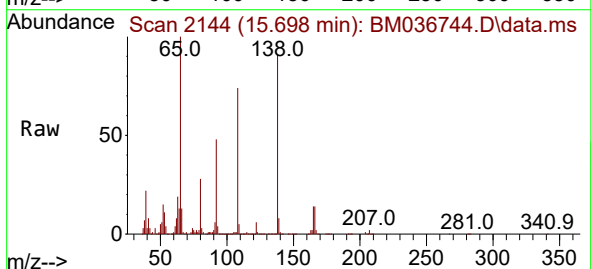
Instrument :
BNA_M
ClientSampleId :

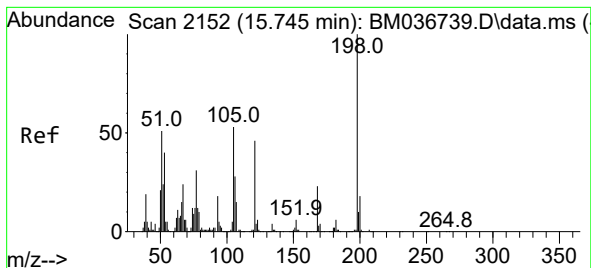
Tgt Ion:204 Resp: 1182713
Ion Ratio Lower Upper
204 100
206 32.4 25.7 38.5
141 60.8 49.4 74.0



#63
4-Nitroaniline
Concen: 42.933 ng/ul
RT: 15.698 min Scan# 2144
Delta R.T. 0.006 min
Lab File: BM036744.D
Acq: 26 Sep 2022 14:19

Tgt Ion:138 Resp: 518701
Ion Ratio Lower Upper
138 100
92 52.3 42.1 63.1
108 81.6 66.2 99.2

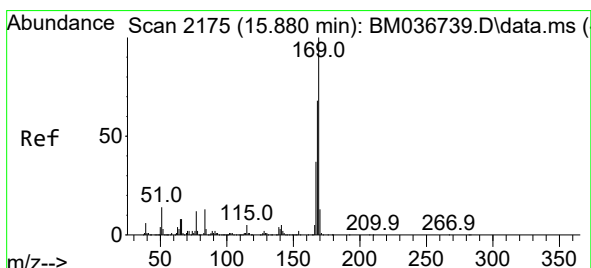
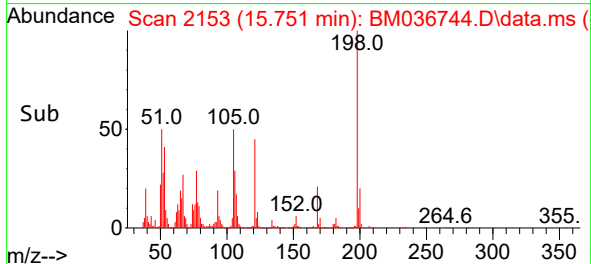
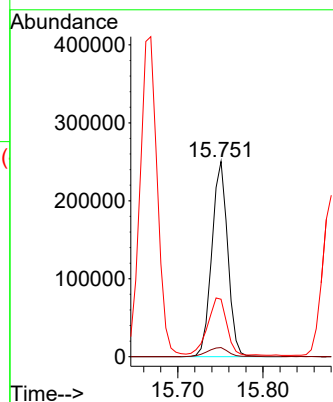
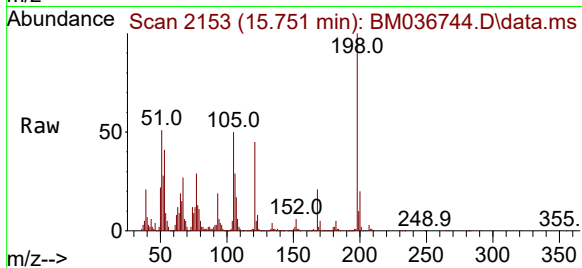




#66
 4,6-Dinitro-2-methylphenol
 Concen: 41.497 ng/ul
 RT: 15.751 min Scan# 2153
 Delta R.T. 0.006 min
 Lab File: BM036744.D
 Acq: 26 Sep 2022 14:19

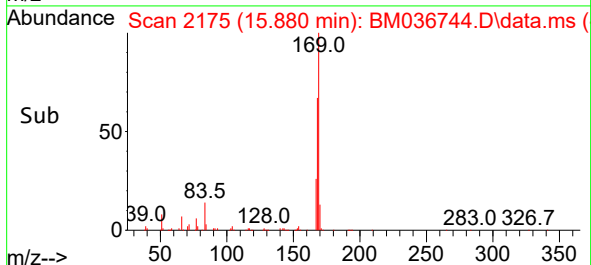
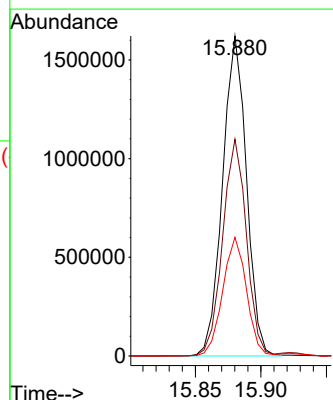
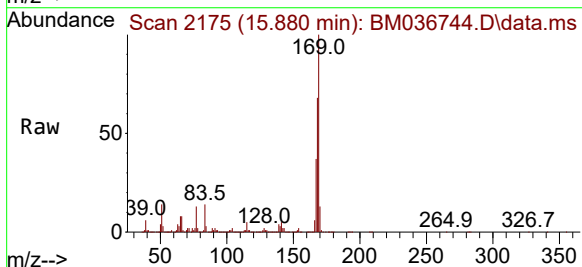
Instrument :
 BNA_M
 ClientSampleId :

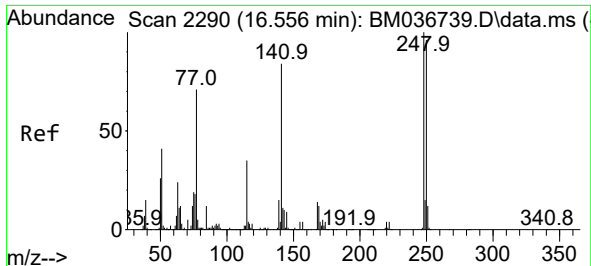
Tgt Ion:198 Resp: 325341
 Ion Ratio Lower Upper
 198 100
 182 4.6 4.2 6.2
 77 29.5 24.0 36.0



#67
 N-Nitrosodiphenylamine
 Concen: 39.659 ng/ul
 RT: 15.880 min Scan# 2175
 Delta R.T. 0.000 min
 Lab File: BM036744.D
 Acq: 26 Sep 2022 14:19

Tgt Ion:169 Resp: 2051186
 Ion Ratio Lower Upper
 169 100
 168 67.7 54.6 81.8
 167 37.1 29.6 44.4

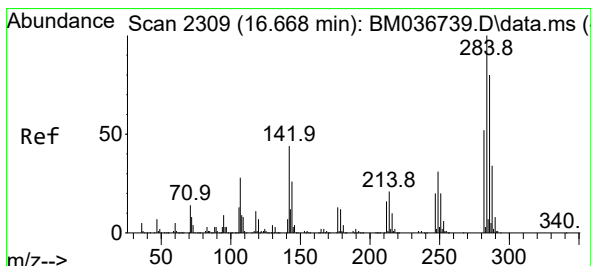
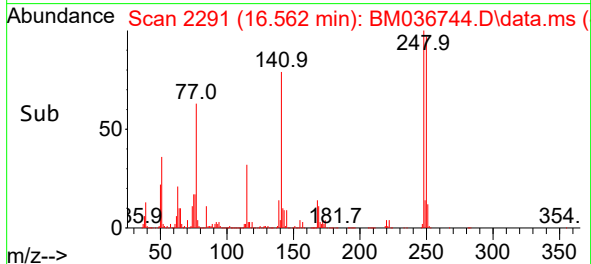
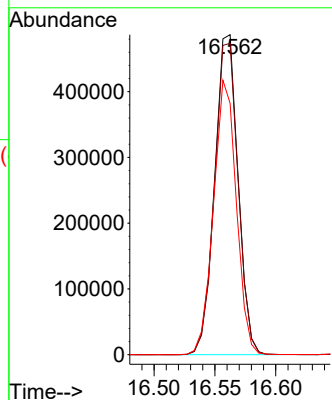
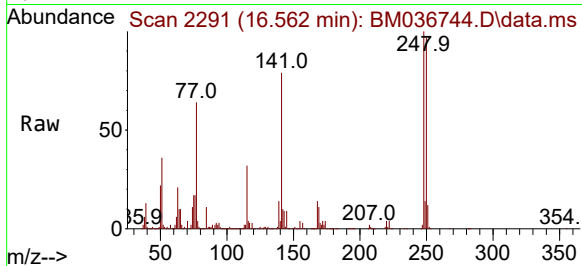




#68
4-Bromophenyl-phenylether
Concen: 37.714 ng/ul
RT: 16.562 min Scan# 2291
Delta R.T. 0.006 min
Lab File: BM036744.D
Acq: 26 Sep 2022 14:19

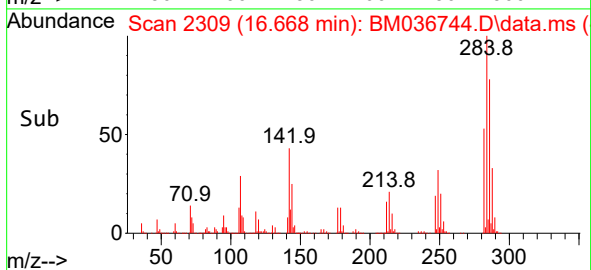
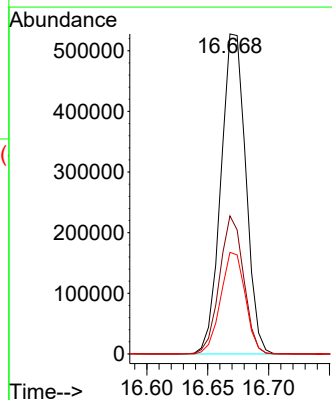
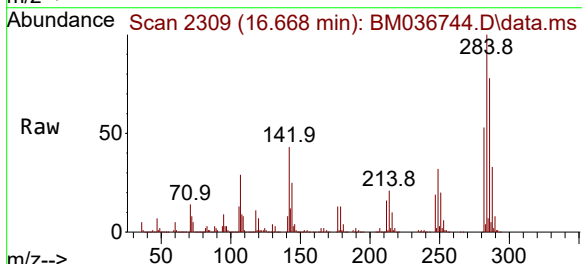
Instrument :
BNA_M
ClientSampleId :

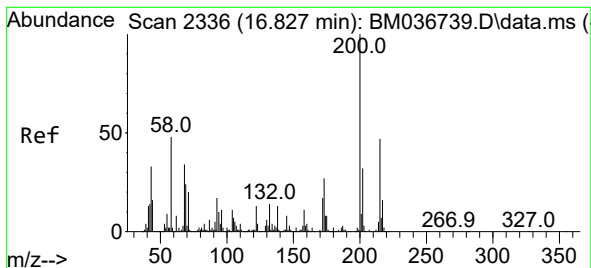
Tgt Ion:248 Resp: 652772
Ion Ratio Lower Upper
248 100
250 97.3 78.9 118.3
141 78.6 65.7 98.5



#69
Hexachlorobenzene
Concen: 36.679 ng/ul
RT: 16.668 min Scan# 2309
Delta R.T. 0.000 min
Lab File: BM036744.D
Acq: 26 Sep 2022 14:19

Tgt Ion:284 Resp: 750888
Ion Ratio Lower Upper
284 100
142 43.1 30.8 46.2
249 31.7 24.2 36.2





#70

Atrazine

Concen: 37.155 ng/ul

RT: 16.833 min Scan# 21

Delta R.T. 0.006 min

Lab File: BM036744.D

Acq: 26 Sep 2022 14:19

Instrument :

BNA_M

ClientSampleId :

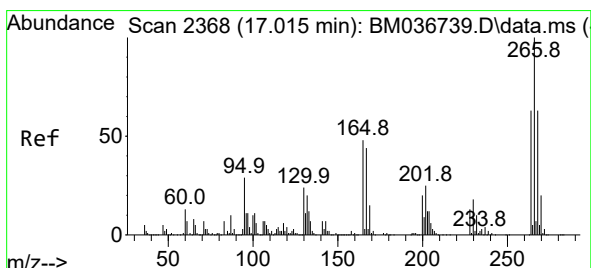
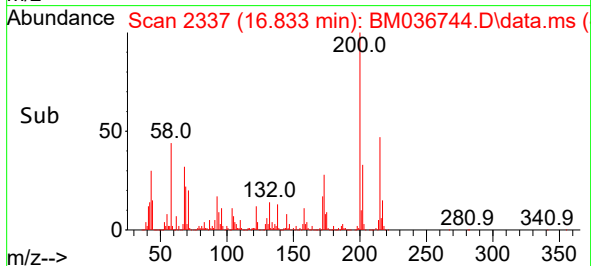
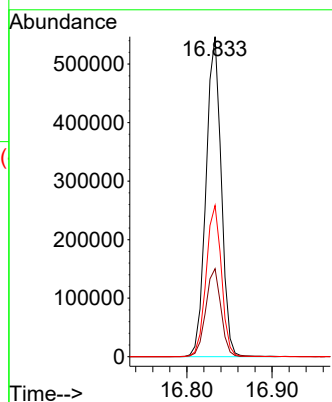
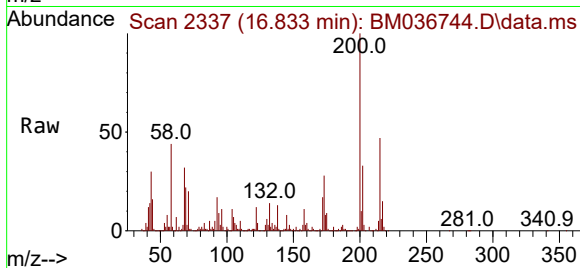
Tgt Ion:200 Resp: 678124

Ion Ratio Lower Upper

200 100

173 27.5 21.8 32.6

215 47.2 39.4 59.2



#71

Pentachlorophenol

Concen: 35.654 ng/ul

RT: 17.015 min Scan# 2368

Delta R.T. 0.000 min

Lab File: BM036744.D

Acq: 26 Sep 2022 14:19

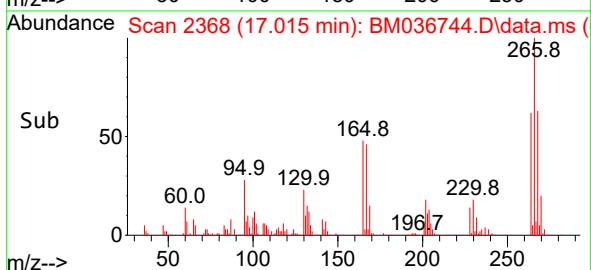
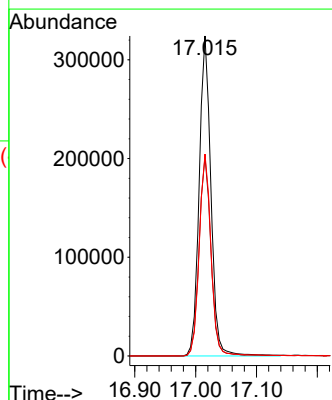
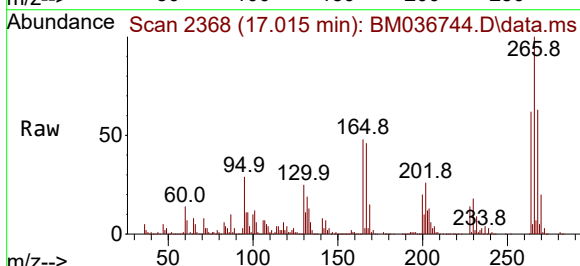
Tgt Ion:266 Resp: 433568

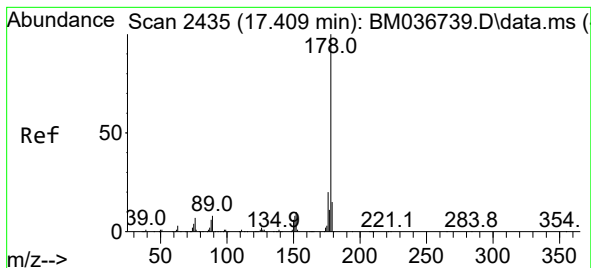
Ion Ratio Lower Upper

266 100

264 62.3 49.7 74.5

268 63.1 51.8 77.6





#72

Phenanthrene

Concen: 39.205 ng/ul

RT: 17.409 min Scan# 2435

Delta R.T. 0.000 min

Lab File: BM036744.D

Acq: 26 Sep 2022 14:19

Instrument :

BNA_M

ClientSampleId :

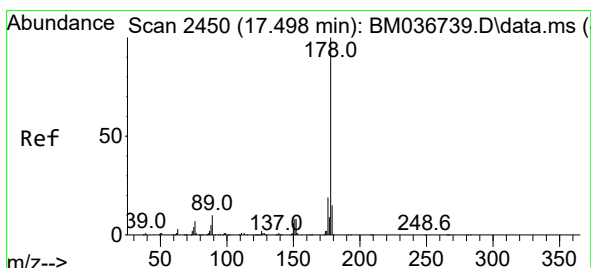
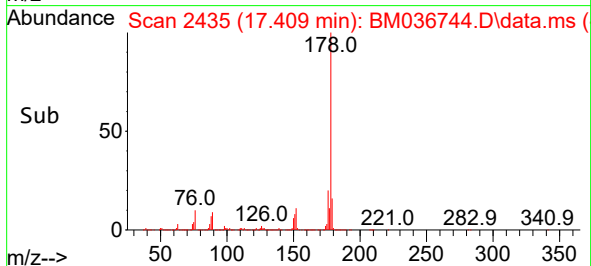
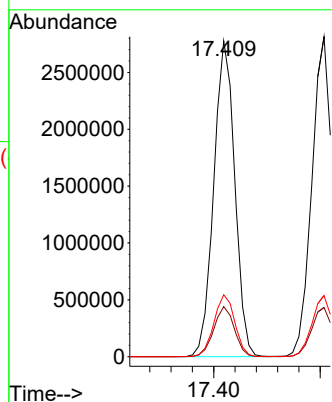
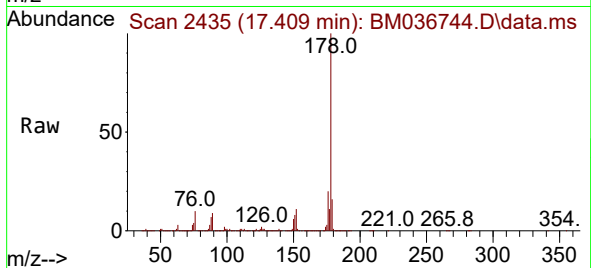
Tgt Ion:178 Resp: 3792147

Ion Ratio Lower Upper

178 100

179 15.8 12.2 18.2

176 19.6 15.7 23.5



#74

Anthracene

Concen: 38.521 ng/ul

RT: 17.504 min Scan# 2451

Delta R.T. 0.006 min

Lab File: BM036744.D

Acq: 26 Sep 2022 14:19

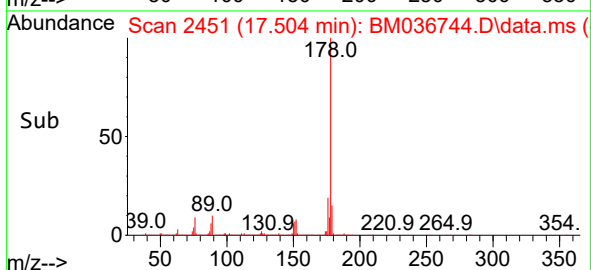
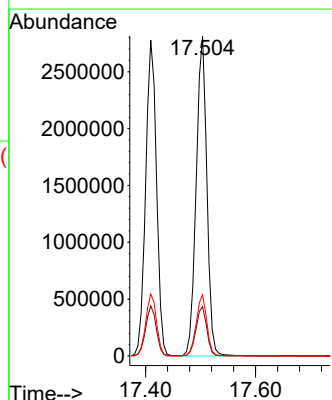
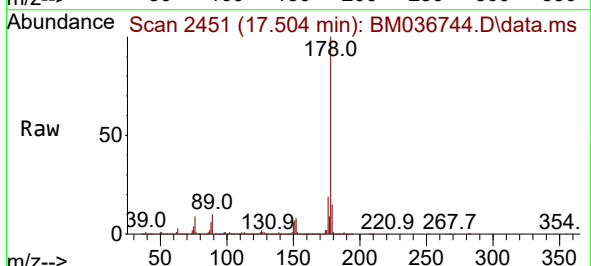
Tgt Ion:178 Resp: 3787237

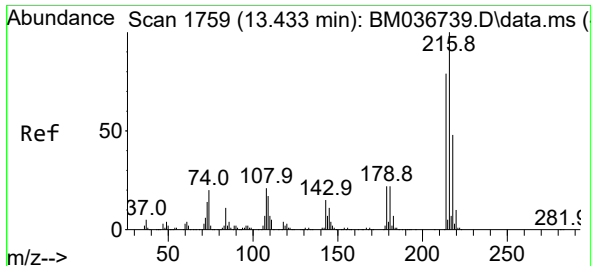
Ion Ratio Lower Upper

178 100

179 15.4 12.3 18.5

176 19.1 15.0 22.6

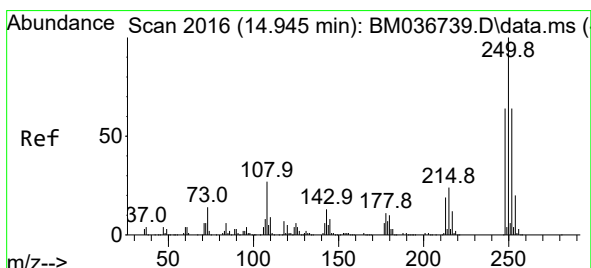
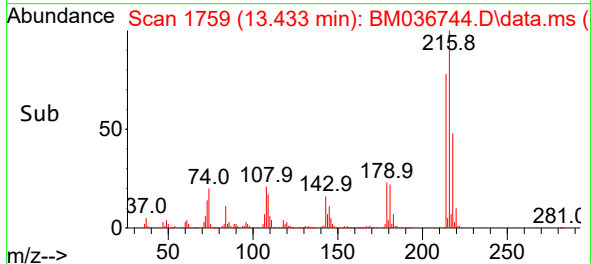
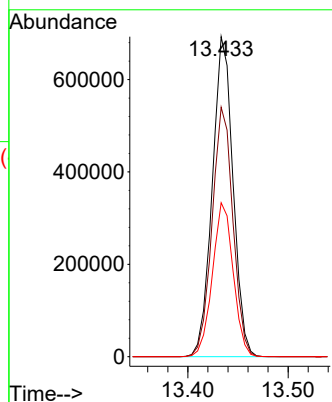
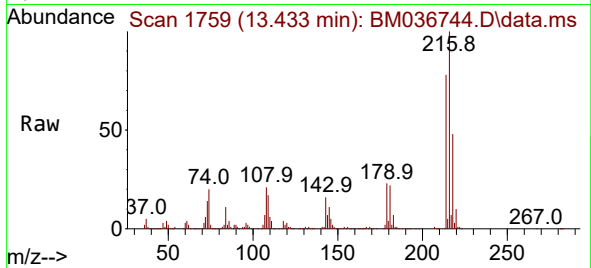




#75
1,2,3,4-Tetrachlorobenzene
Concen: 41.423 ng/uL
RT: 13.433 min Scan# 1759
Delta R.T. 0.000 min
Lab File: BM036744.D
Acq: 26 Sep 2022 14:19

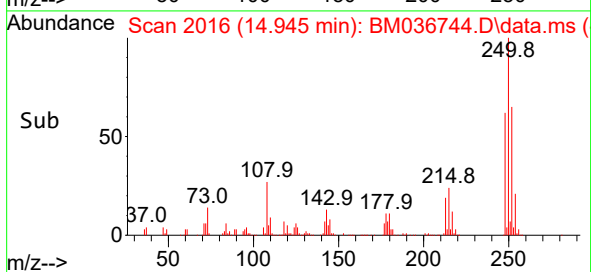
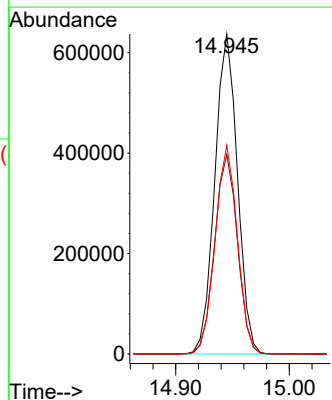
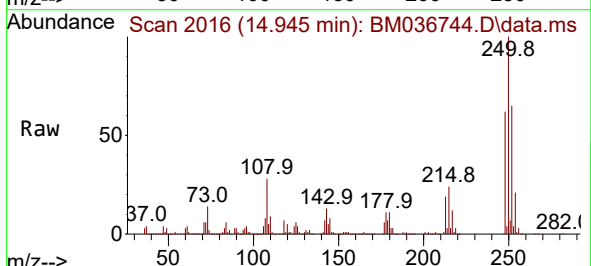
Instrument :
BNA_M
ClientSampleId :

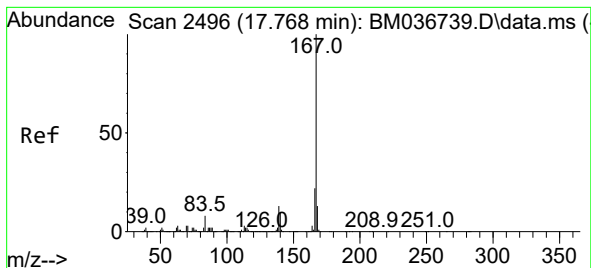
Tgt Ion:216 Resp: 994900
Ion Ratio Lower Upper
216 100
214 78.0 62.6 94.0
218 48.1 38.2 57.2



#76
Pentachlorobenzene
Concen: 33.947 ng/uL
RT: 14.945 min Scan# 2016
Delta R.T. 0.000 min
Lab File: BM036744.D
Acq: 26 Sep 2022 14:19

Tgt Ion:250 Resp: 881849
Ion Ratio Lower Upper
250 100
248 62.3 50.2 75.2
252 65.2 50.5 75.7





#77

Carbazole

Concen: 37.310 ng/ul

RT: 17.768 min Scan# 2496

Delta R.T. 0.000 min

Lab File: BM036744.D

Acq: 26 Sep 2022 14:19

Instrument :

BNA_M

ClientSampleId :

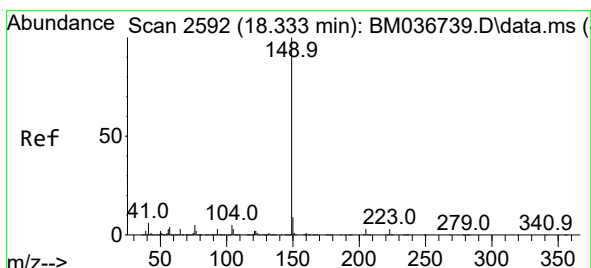
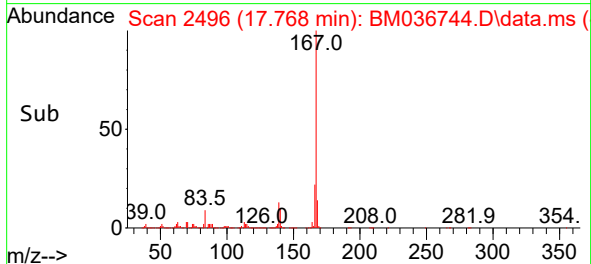
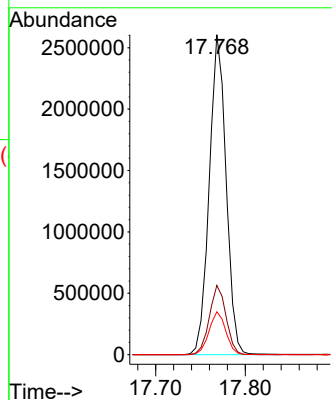
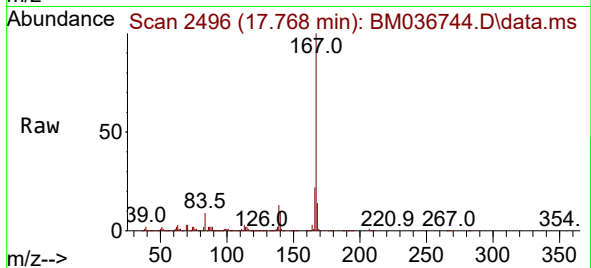
Tgt Ion:167 Resp: 3396103

Ion Ratio Lower Upper

167 100

166 21.6 17.2 25.8

139 13.4 10.6 15.8



#78

Di-n-butylphthalate

Concen: 40.861 ng/ul

RT: 18.333 min Scan# 2592

Delta R.T. 0.000 min

Lab File: BM036744.D

Acq: 26 Sep 2022 14:19

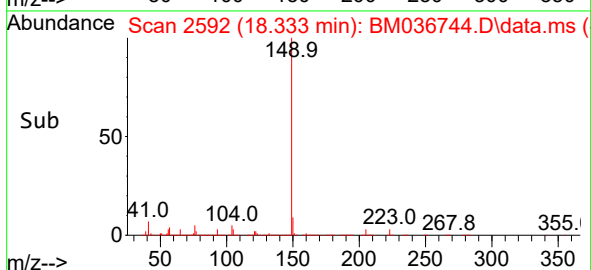
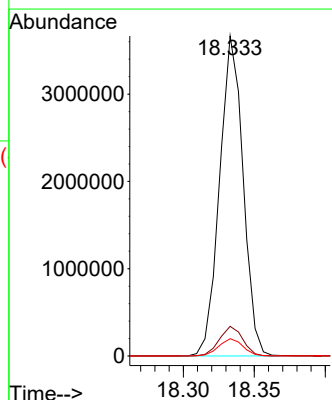
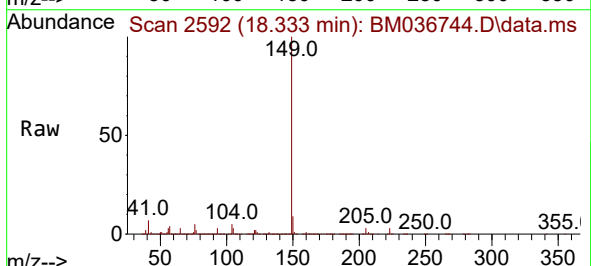
Tgt Ion:149 Resp: 4215649

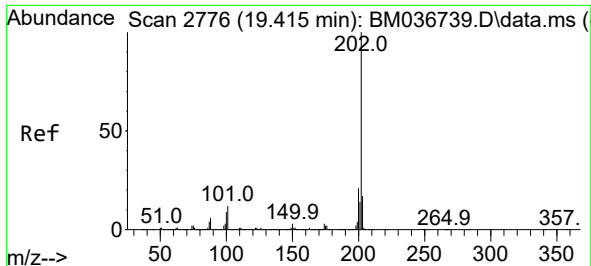
Ion Ratio Lower Upper

149 100

150 9.3 7.2 10.8

104 5.4 4.3 6.5

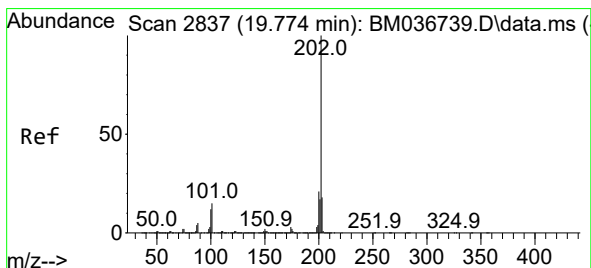
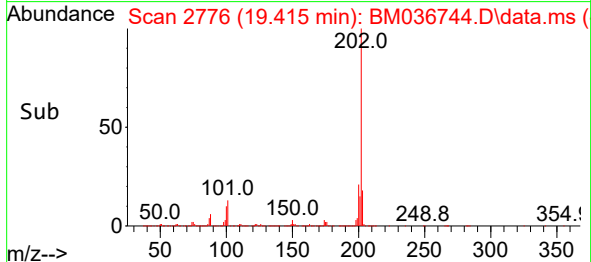
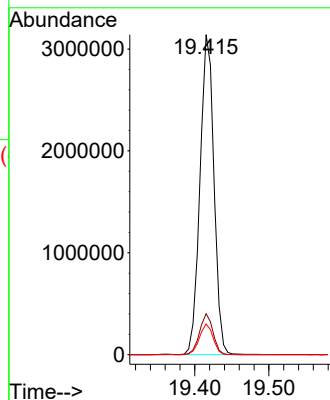
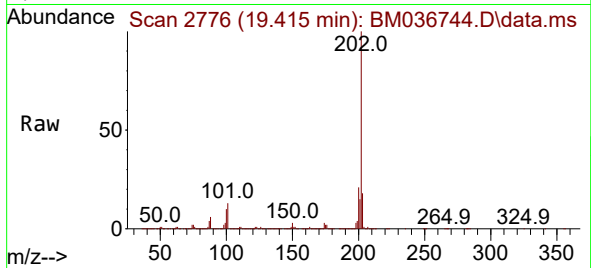




#80
Fluoranthene
Concen: 46.401 ng/ul
RT: 19.415 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM036744.D
Acq: 26 Sep 2022 14:19

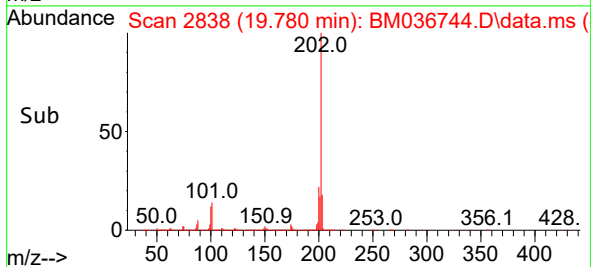
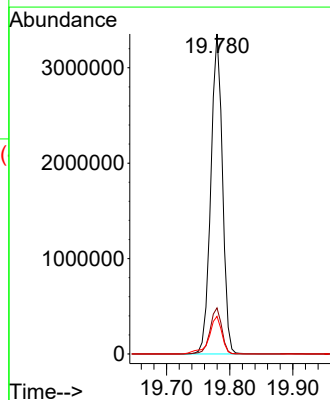
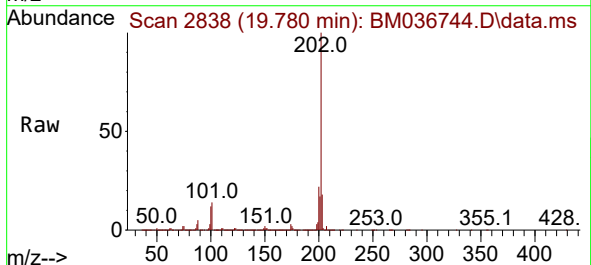
Instrument :
BNA_M
ClientSampleId :

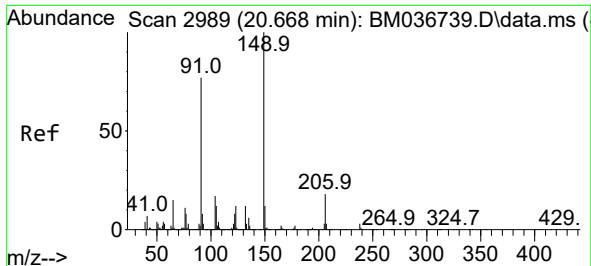
Tgt Ion:202 Resp: 4112038
Ion Ratio Lower Upper
202 100
101 12.8 9.8 14.6
100 9.6 7.4 11.2



#82
Pyrene
Concen: 45.543 ng/ul
RT: 19.780 min Scan# 2838
Delta R.T. 0.006 min
Lab File: BM036744.D
Acq: 26 Sep 2022 14:19

Tgt Ion:202 Resp: 4272157
Ion Ratio Lower Upper
202 100
101 14.4 10.9 16.3
100 11.8 8.7 13.1

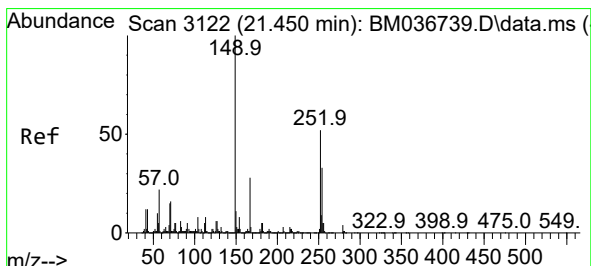
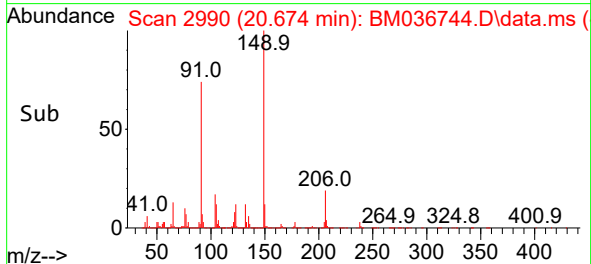
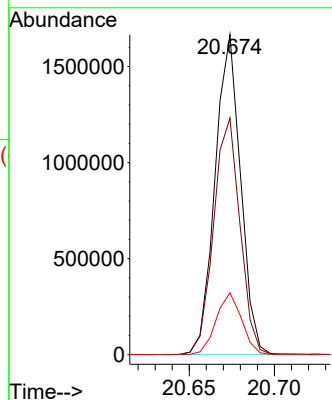
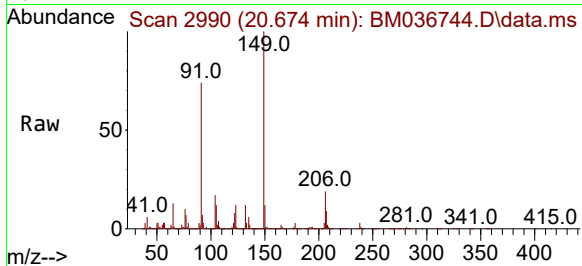




#83
Butylbenzylphthalate
Concen: 48.723 ng/ul
RT: 20.674 min Scan# 2989
Delta R.T. 0.006 min
Lab File: BM036744.D
Acq: 26 Sep 2022 14:19

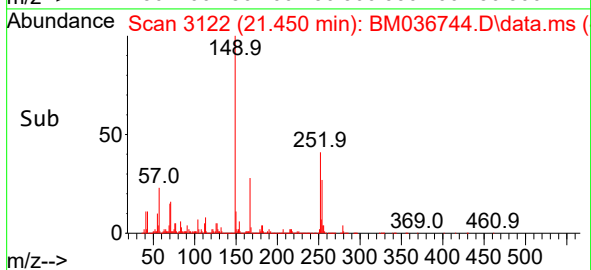
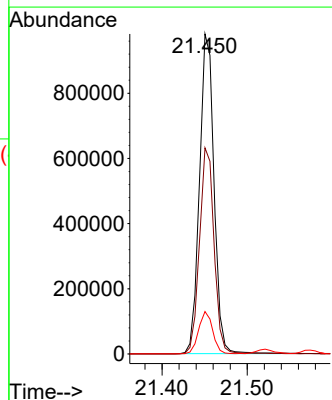
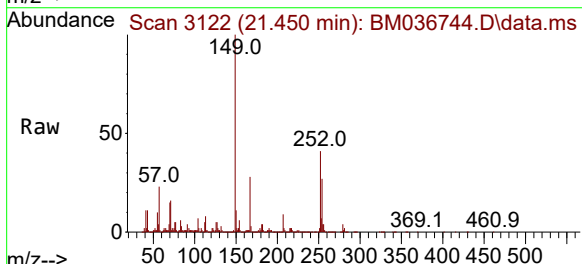
Instrument :
BNA_M
ClientSampleId :

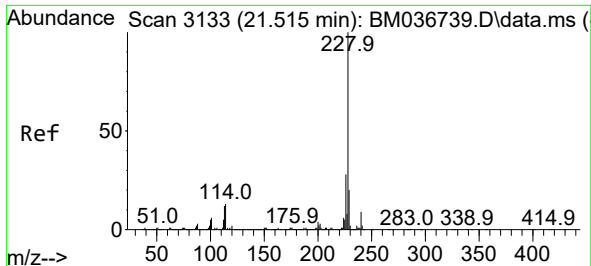
Tgt Ion:149 Resp: 1731861
Ion Ratio Lower Upper
149 100
91 74.0 55.2 82.8
206 19.3 16.2 24.2



#84
3,3'-Dichlorobenzidine
Concen: 40.466 ng/ul
RT: 21.450 min Scan# 3122
Delta R.T. 0.000 min
Lab File: BM036744.D
Acq: 26 Sep 2022 14:19

Tgt Ion:252 Resp: 1162301
Ion Ratio Lower Upper
252 100
254 64.4 53.0 79.4
126 13.2 10.4 15.6

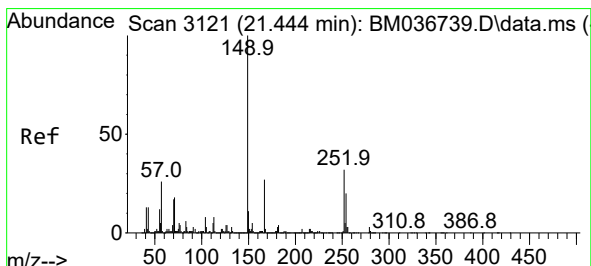
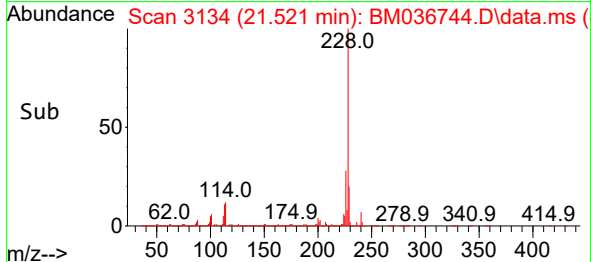
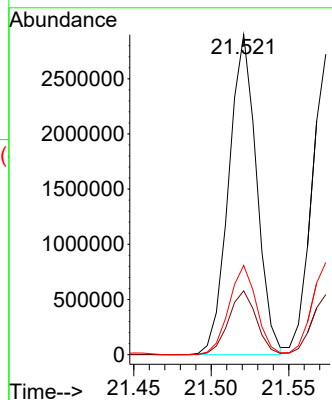
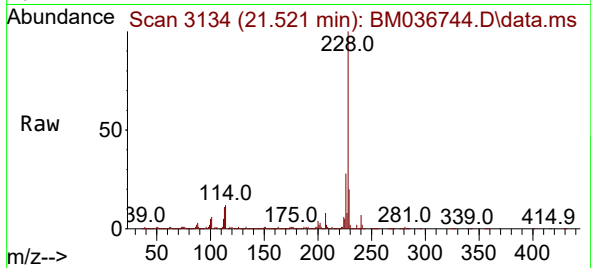




#85
Benzo(a)anthracene
Concen: 39.317 ng/ul
RT: 21.521 min Scan# 3134
Delta R.T. 0.006 min
Lab File: BM036744.D
Acq: 26 Sep 2022 14:19

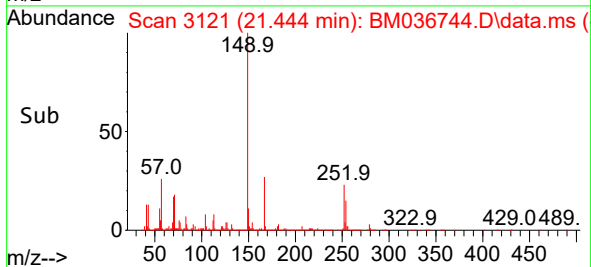
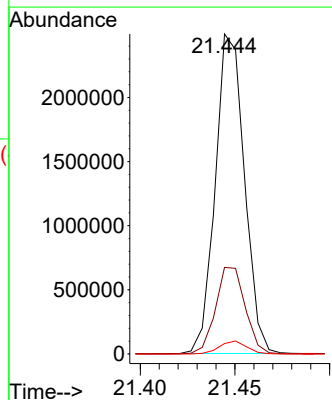
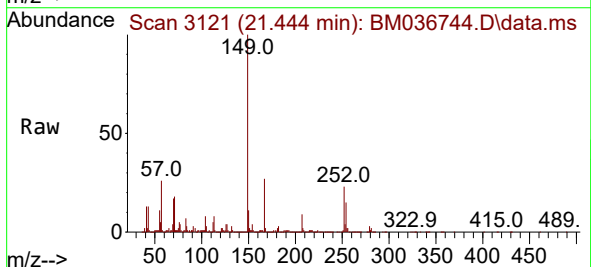
Instrument :
BNA_M
ClientSampleId :

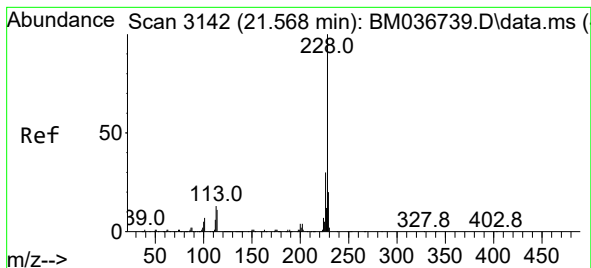
Tgt Ion:228 Resp: 3621219
Ion Ratio Lower Upper
228 100
229 19.9 15.8 23.8
226 27.9 21.9 32.9



#86
Bis(2-ethylhexyl)phthalate
Concen: 51.393 ng/ul
RT: 21.444 min Scan# 3121
Delta R.T. 0.000 min
Lab File: BM036744.D
Acq: 26 Sep 2022 14:19

Tgt Ion:149 Resp: 2668507
Ion Ratio Lower Upper
149 100
167 27.1 22.0 33.0
279 3.2 3.3 4.9#





#87

Chrysene

Concen: 38.501 ng/ul

RT: 21.574 min Scan# 3143

Delta R.T. 0.006 min

Lab File: BM036744.D

Acq: 26 Sep 2022 14:19

Instrument :

BNA_M

ClientSampleId :

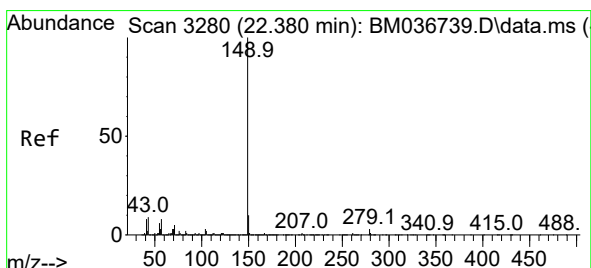
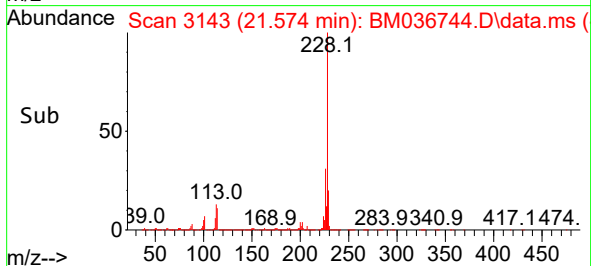
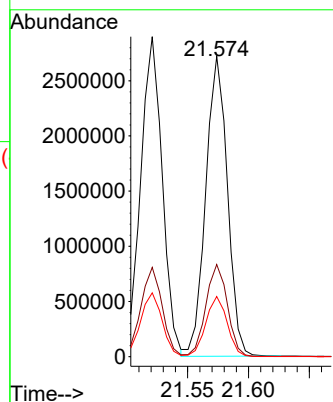
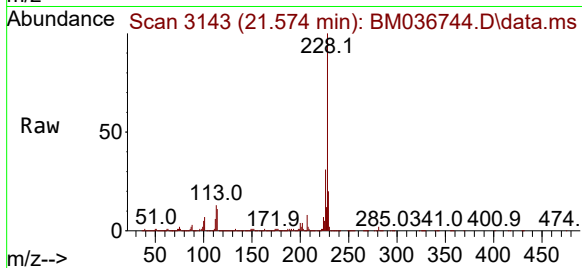
Tgt Ion:228 Resp: 3365872

Ion Ratio Lower Upper

228 100

226 30.6 24.4 36.6

229 20.0 15.6 23.4



#89

Di-n-octyl phthalate

Concen: 56.980 ng/ul

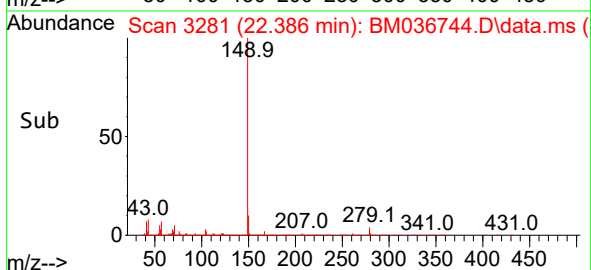
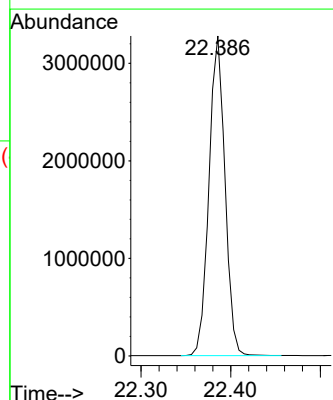
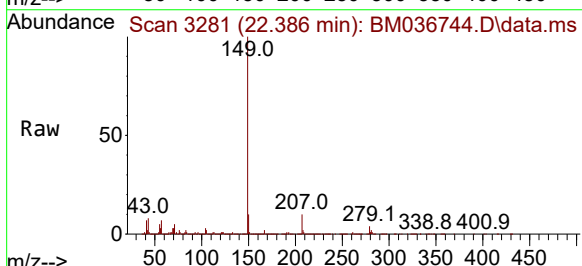
RT: 22.386 min Scan# 3281

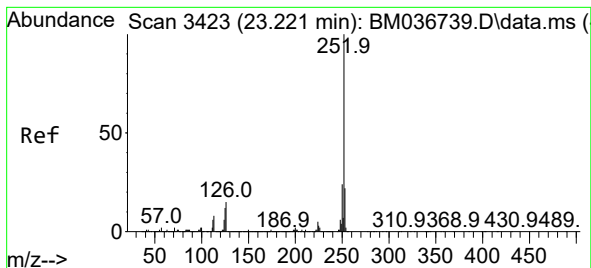
Delta R.T. 0.006 min

Lab File: BM036744.D

Acq: 26 Sep 2022 14:19

Tgt Ion:149 Resp: 4051839





#90

Benzo(b)fluoranthene

Concen: 42.303 ng/ul

RT: 23.227 min Scan# 34

Delta R.T. 0.006 min

Lab File: BM036744.D

Acq: 26 Sep 2022 14:19

Instrument :

BNA_M

ClientSampleId :

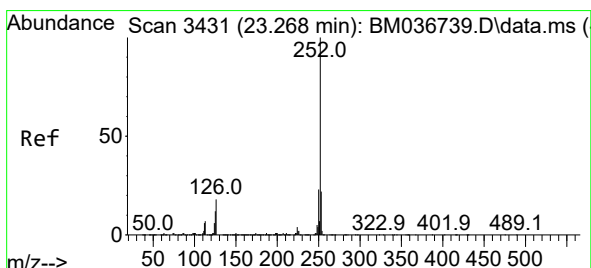
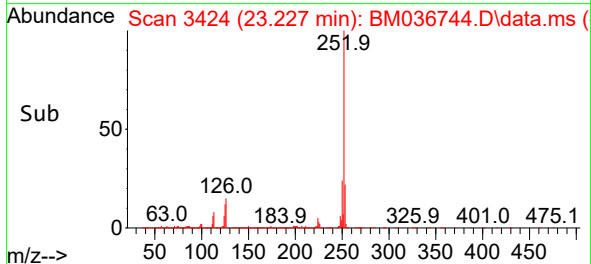
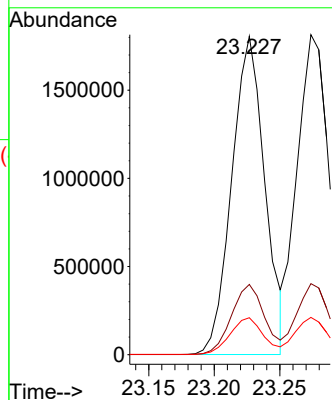
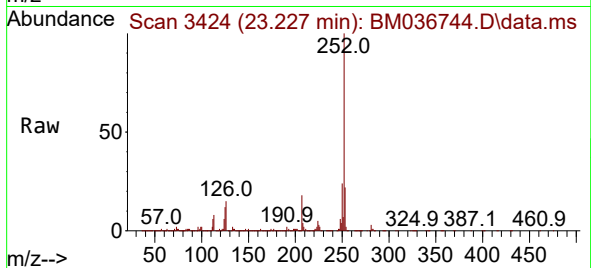
Tgt Ion:252 Resp: 3164142

Ion Ratio Lower Upper

252 100

253 22.1 17.6 26.4

125 11.6 9.1 13.7



#91

Benzo(k)fluoranthene

Concen: 41.792 ng/ul

RT: 23.274 min Scan# 3432

Delta R.T. 0.006 min

Lab File: BM036744.D

Acq: 26 Sep 2022 14:19

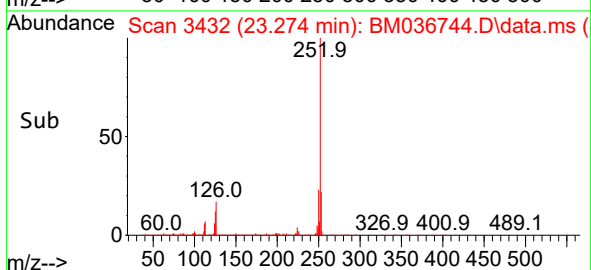
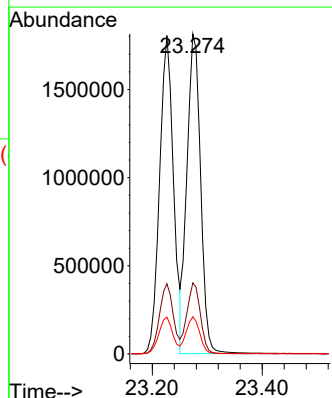
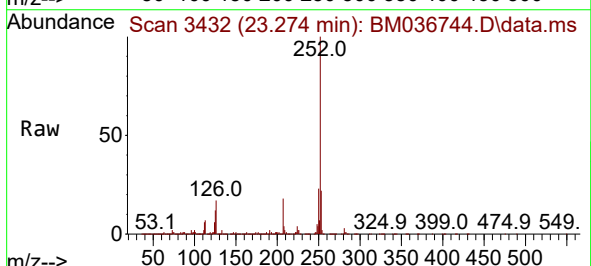
Tgt Ion:252 Resp: 3123492

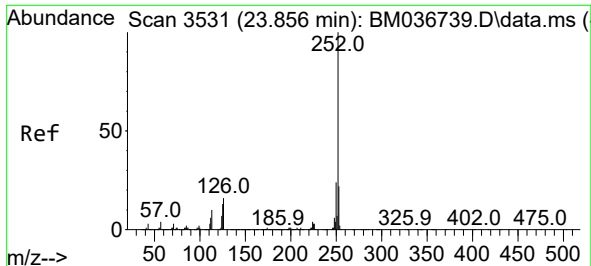
Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.8

125 11.6 8.2 12.4

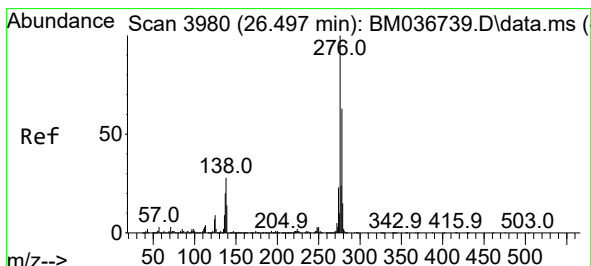
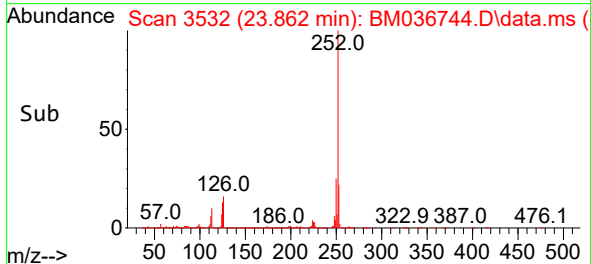
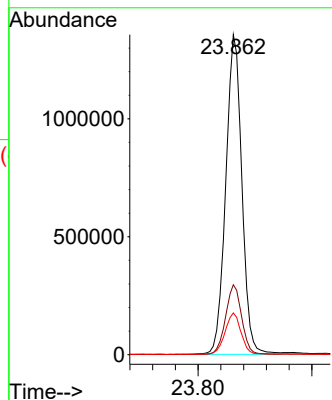
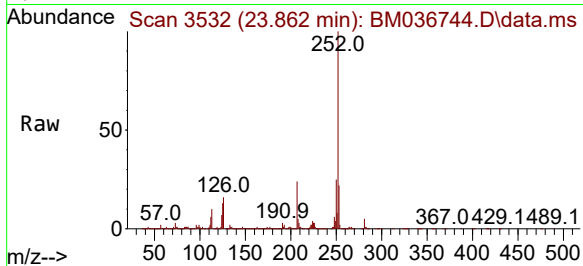




#93
Benzo(a)pyrene
Concen: 40.743 ng/ul
RT: 23.862 min Scan# 31
Delta R.T. 0.006 min
Lab File: BM036744.D
Acq: 26 Sep 2022 14:19

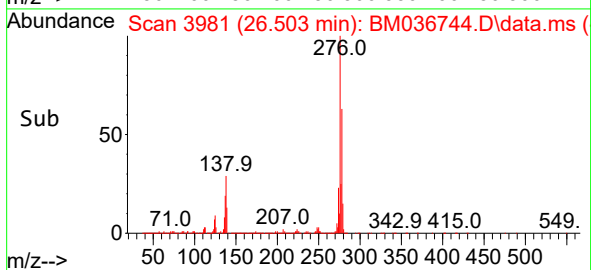
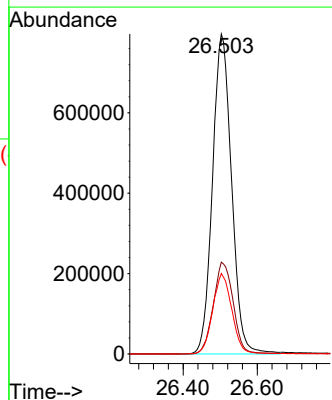
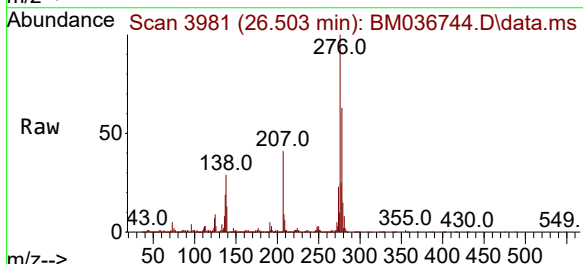
Instrument :
BNA_M
ClientSampleId :

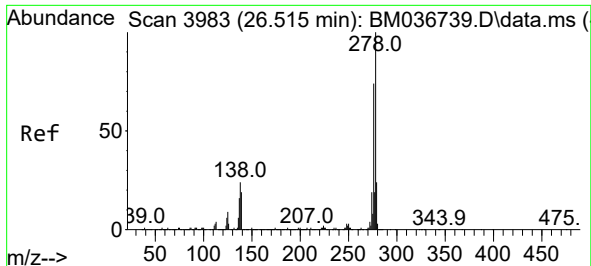
Tgt Ion:252 Resp: 2679030
Ion Ratio Lower Upper
252 100
253 21.9 17.5 26.3
125 13.0 9.5 14.3



#94
Indeno(1,2,3-cd)pyrene
Concen: 37.052 ng/ul
RT: 26.503 min Scan# 3981
Delta R.T. 0.006 min
Lab File: BM036744.D
Acq: 26 Sep 2022 14:19

Tgt Ion:276 Resp: 2845097
Ion Ratio Lower Upper
276 100
138 28.7 20.2 30.4
277 25.1 19.7 29.5

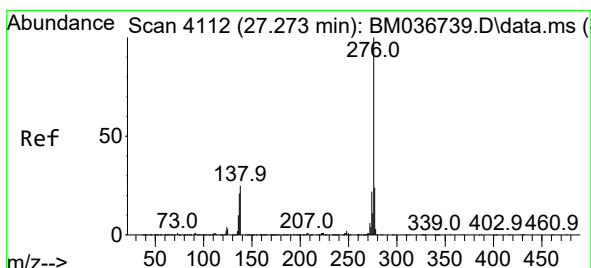
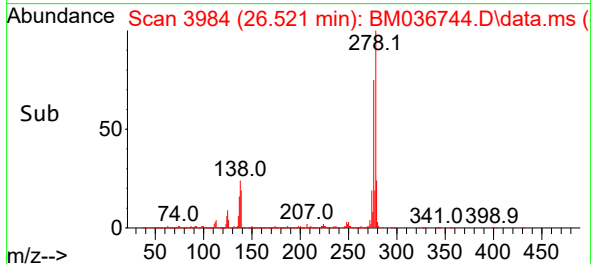
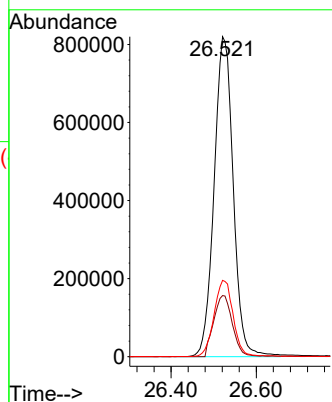
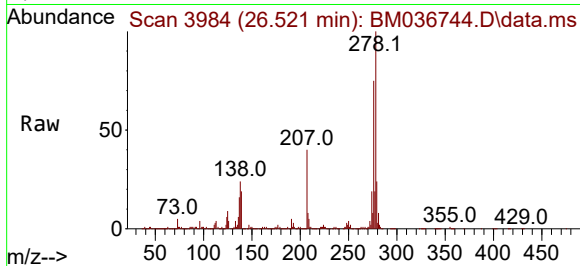




#95
 Dibenzo(a,h)anthracene
 Concen: 36.684 ng/ul
 RT: 26.521 min Scan# 3984
 Delta R.T. 0.006 min
 Lab File: BM036744.D
 Acq: 26 Sep 2022 14:19

Instrument :
 BNA_M
 ClientSampleId :

Tgt Ion:278 Resp: 2554572
 Ion Ratio Lower Upper
 278 100
 139 19.1 14.5 21.7
 279 23.8 19.7 29.5



#96
 Benzo(g,h,i)perylene
 Concen: 36.942 ng/ul
 RT: 27.285 min Scan# 4114
 Delta R.T. 0.012 min
 Lab File: BM036744.D
 Acq: 26 Sep 2022 14:19

Tgt Ion:276 Resp: 2459193
 Ion Ratio Lower Upper
 276 100
 138 25.0 18.7 28.1
 277 23.5 19.2 28.8

