

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112822\
 Data File : BM037752.D
 Acq On : 28 Nov 2022 10:26
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Nov 28 22:26:52 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM112322.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Nov 28 22:24:47 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.110	152	167726	20.000	ng/u1	0.00
20) Naphthalene-d8	10.933	136	816946	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.733	164	534681	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.468	188	1143458	20.000	ng/u1	0.00
79) Chrysene-d12	21.639	240	1100396	20.000	ng/u1	0.00
88) Perylene-d12	24.127	264	950886	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.434	96	33362	8.249	ng/uL	0.00
4) Pyridine-d5	3.869	84	291310	22.129	ng/u1	0.00
7) Phenol-d5	7.257	99	343122	20.505	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.428	67	231216	20.714	ng/u1	0.00
11) 2-Chlorophenol-d4	7.634	132	250803	21.570	ng/u1	0.00
15) 4-Methylphenol-d8	8.816	113	272873	20.493	ng/u1	0.00
21) Nitrobenzene-d5	9.281	128	140689	21.967	ng/u1	0.00
24) 2-Nitrophenol-d4	10.004	143	138651	21.971	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.545	165	248382	21.508	ng/u1	0.00
31) 4-Chloroaniline-d4	11.063	131	406541	21.214	ng/u1	0.00
46) Dimethylphthalate-d6	14.139	166	804932	21.254	ng/u1	0.00
49) Acenaphthylene-d8	14.427	160	972962	21.765	ng/u1	0.00
54) 4-Nitrophenol-d4	14.915	143	164377	19.704	ng/u1	0.00
60) Fluorene-d10	15.721	176	731444	22.052	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.833	200	114707	18.648	ng/u1	0.00
73) Anthracene-d10	17.568	188	1166089	21.807	ng/u1	0.00
81) Pyrene-d10	19.850	212	1296043	23.177	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.962	264	1060727	21.672	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.469	88	38622	8.686	ng/uL	95
5) Pyridine	3.893	79	293358	21.915	ng/u1	92
6) Benzaldehyde	7.239	77	198108	22.557	ng/u1	98
8) Phenol	7.287	94	362312	20.656	ng/u1	91
10) Bis(2-Chloroethyl)ether	7.522	93	289974	20.392	ng/u1	99
12) 2-Chlorophenol	7.663	128	276631	21.779	ng/u1	97
13) 2-Methylphenol	8.551	108	274128	20.487	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.645	45	517614	20.153	ng/u1	99
16) Acetophenone	8.939	105	467833	21.343	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.922	70	268763	20.920	ng/u1	93
18) 4-Methylphenol	8.881	108	310424	20.998	ng/u1	94
19) Hexachloroethane	9.198	117	128600	23.409	ng/u1	95
22) Nitrobenzene	9.322	77	400906	22.958	ng/u1	99
23) Isophorone	9.851	82	735179	20.888	ng/u1	98
25) 2-Nitrophenol	10.039	139	158826	22.252	ng/u1	93
26) 2,4-Dimethylphenol	10.092	107	358609	22.878	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.333	93	415394	20.574	ng/u1	99
29) 2,4-Dichlorophenol	10.575	162	256885	21.743	ng/u1	97
30) Naphthalene	10.980	128	982647	21.998	ng/u1	100
32) 4-Chloroaniline	11.086	127	425467	21.305	ng/u1	98
33) Hexachlorobutadiene	11.263	225	148382	23.924	ng/u1	98
34) Caprolactam	11.869	113	93663	19.035	ng/u1	96
35) 4-Chloro-3-methylphenol	12.198	107	334782	22.167	ng/u1	95
36) 2-Methylnaphthalene	12.574	142	675238	21.761	ng/u1	99

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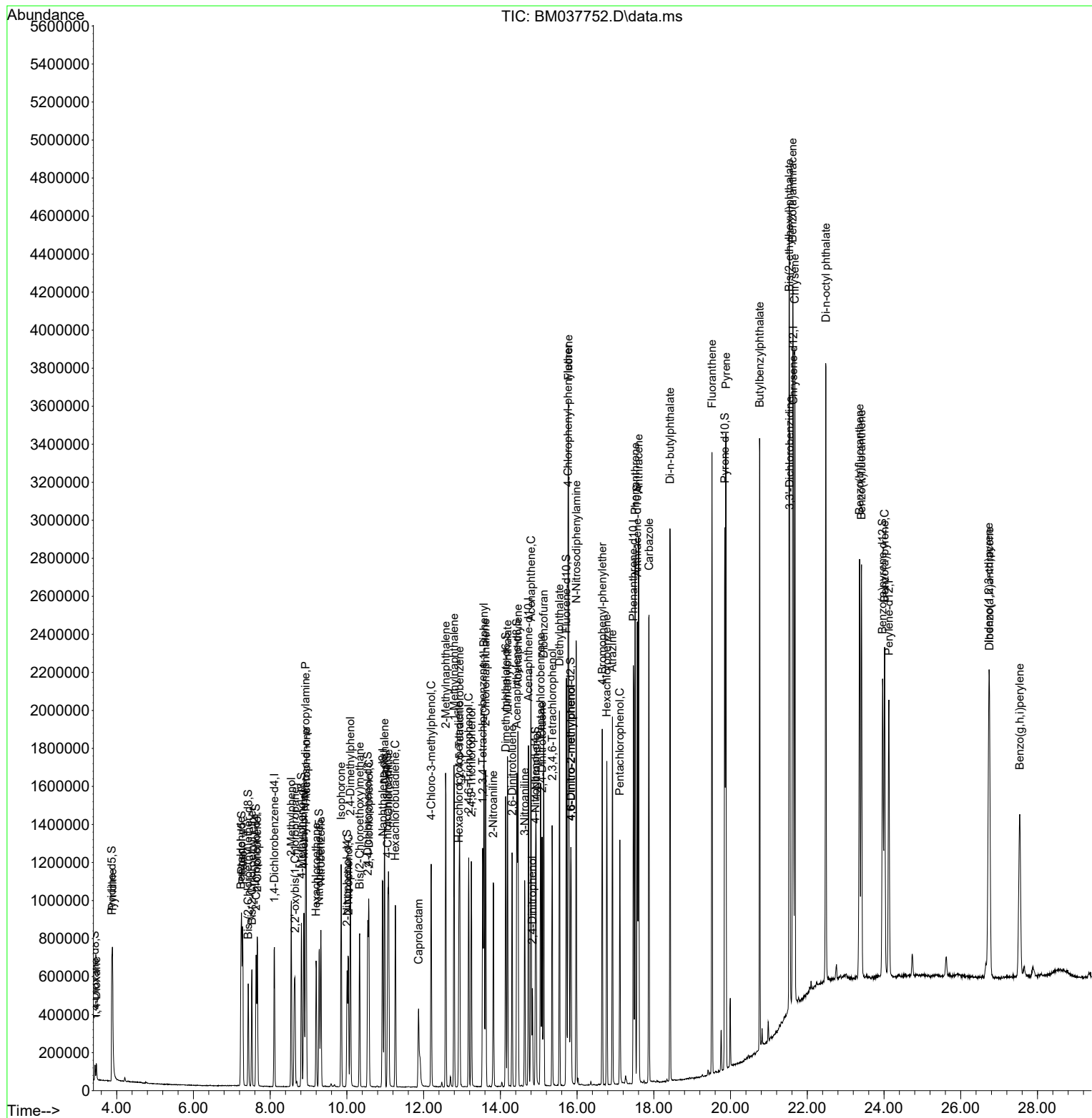
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.792	142	678226	21.726	ng/ul#	99
39) 1,2,4,5-Tetrachloroben...	12.939	216	277259	21.118	ng/ul#	92
40) Hexachlorocyclopentadiene	12.921	237	167974	20.546	ng/ul	99
41) 2,4,6-Trichlorophenol	13.174	196	198692	21.017	ng/ul	98
42) 2,4,5-Trichlorophenol	13.245	196	213181	21.075	ng/ul	98
43) 1,1'-Biphenyl	13.574	154	878188	21.629	ng/ul	98
44) 2-Chloronaphthalene	13.616	162	680300	21.557	ng/ul	96
45) 2-Nitroaniline	13.816	65	276874	23.141	ng/ul	97
47) Dimethylphthalate	14.186	163	858513	21.326	ng/ul	99
48) 2,6-Dinitrotoluene	14.310	165	169964	21.864	ng/ul	89
50) Acenaphthylene	14.457	152	1119036	22.146	ng/ul	99
51) 3-Nitroaniline	14.633	138	194212	20.589	ng/ul	97
52) Acenaphthene	14.798	153	810198	22.420	ng/ul	98
53) 2,4-Dinitrophenol	14.833	184	73468	16.108	ng/ul	92
55) 4-Nitrophenol	14.933	109	181227	24.242	ng/ul#	82
56) Dibenzofuran	15.127	168	1040655	22.064	ng/ul	92
57) 2,4-Dinitrotoluene	15.086	165	257426	22.568	ng/ul	89
58) 2,3,4,6-Tetrachlorophenol	15.351	232	186007	22.412	ng/ul	96
59) Diethylphthalate	15.539	149	977864	22.506	ng/ul	97
61) Fluorene	15.774	166	908392	22.233	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.762	204	400118	22.449	ng/ul	92
66) 4,6-Dinitro-2-methylph...	15.845	198	124993	19.146	ng/ul#	89
67) N-Nitrosodiphenylamine	15.980	169	772106	21.732	ng/ul	98
68) 4-Bromophenyl-phenylether	16.657	248	222989	24.245	ng/ul	95
69) Hexachlorobenzene	16.774	284	252062	21.339	ng/ul	92
70) Atrazine	16.921	200	247510	20.524	ng/ul	99
71) Pentachlorophenol	17.115	266	152177	19.457	ng/ul	96
72) Phenanthrene	17.515	178	1471080	21.962	ng/ul	100
74) Anthracene	17.604	178	1509630	22.199	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.539	216	281505	20.579	ng/uL	99
76) Pentachlorobenzene	15.051	250	307740	21.152	ng/uL	98
77) Carbazole	17.874	167	1401636	21.680	ng/ul	98
78) Di-n-butylphthalate	18.421	149	1826043	19.512	ng/ul	99
80) Fluoranthene	19.515	202	1645256	23.032	ng/ul	98
82) Pyrene	19.880	202	1750822	23.205	ng/ul	97
83) Butylbenzylphthalate	20.762	149	838548	23.858	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.544	252	446624	20.209	ng/ul	98
85) Benzo(a)anthracene	21.621	228	1592622	21.634	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.527	149	1228929	23.142	ng/ul	99
87) Chrysene	21.674	228	1488809	21.491	ng/ul	99
89) Di-n-octyl phthalate	22.486	149	2058161	25.338	ng/ul	100
90) Benzo(b)fluoranthene	23.362	252	1423019	22.014	ng/ul	98
91) Benzo(k)fluoranthene	23.415	252	1414229	22.434	ng/ul	98
93) Benzo(a)pyrene	24.015	252	1210138	21.539	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.732	276	1206626	18.720	ng/ul	97
95) Dibenzo(a,h)anthracene	26.750	278	1071750	18.520	ng/ul	98
96) Benzo(g,h,i)perylene	27.538	276	1045560	18.628	ng/ul	96

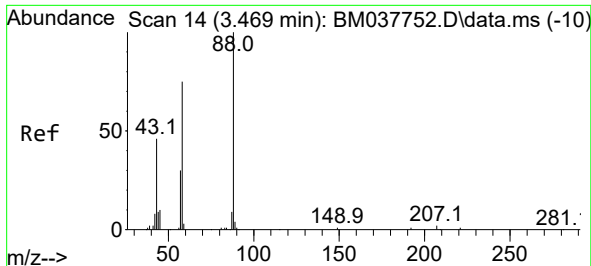
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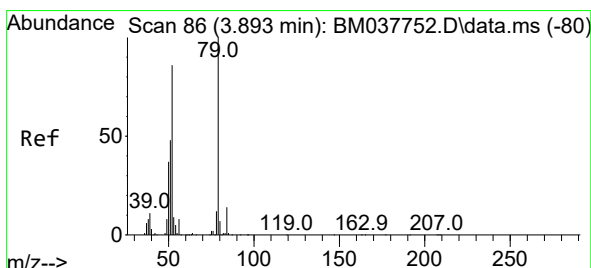
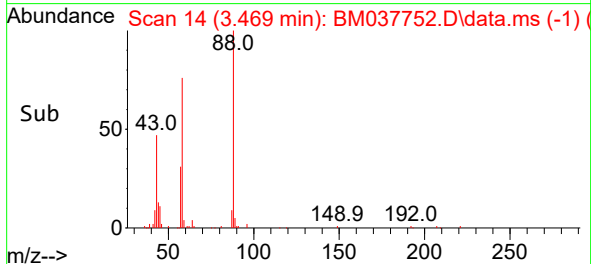
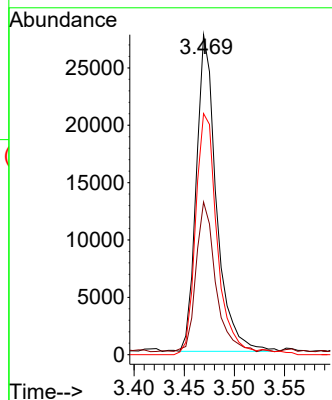
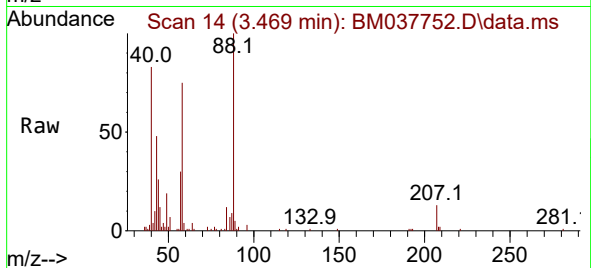




#2
1,4-Dioxane
Concen: 8.686 ng/uL
RT: 3.469 min Scan# 14
Delta R.T. 0.000 min
Lab File: BM037752.D
Acq: 28 Nov 2022 10:26

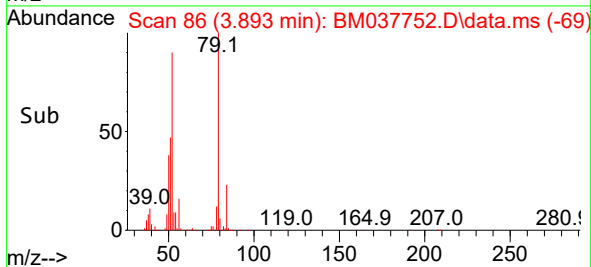
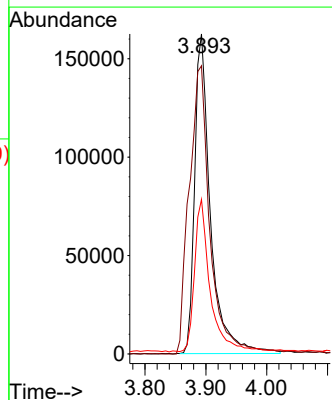
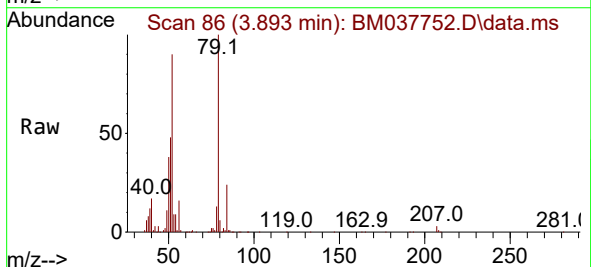
Instrument :
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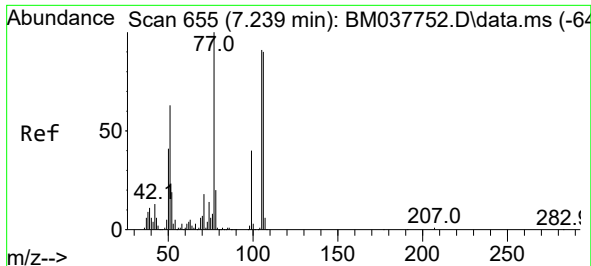
Tgt Ion: 88 Resp: 38622
Ion Ratio Lower Upper
88 100
43 47.7 42.8 64.2
58 75.4 62.6 94.0



#5
Pyridine
Concen: 21.915 ng/uL
RT: 3.893 min Scan# 86
Delta R.T. 0.000 min
Lab File: BM037752.D
Acq: 28 Nov 2022 10:26

Tgt Ion: 79 Resp: 293358
Ion Ratio Lower Upper
79 100
52 90.0 68.2 102.4
51 48.3 32.4 48.6

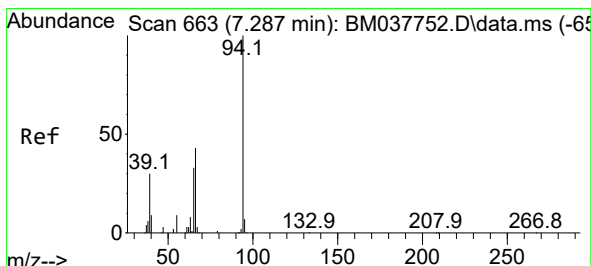
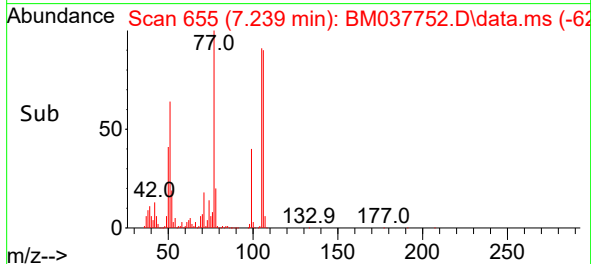
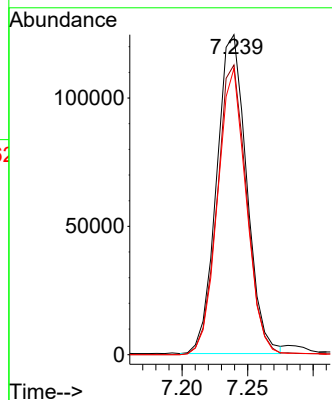
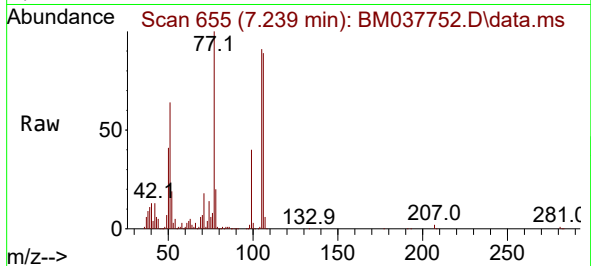




#6
Benzaldehyde
Concen: 22.557 ng/ul
RT: 7.239 min Scan# 655
Delta R.T. 0.000 min
Lab File: BM037752.D
Acq: 28 Nov 2022 10:26

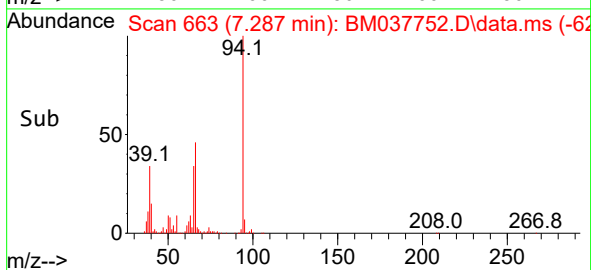
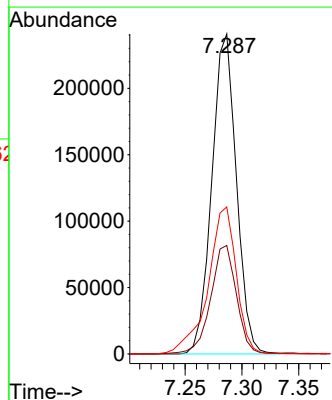
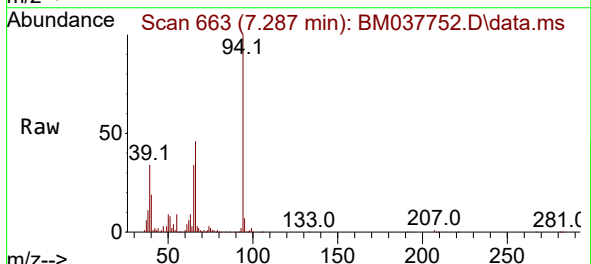
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ClientSampleId :

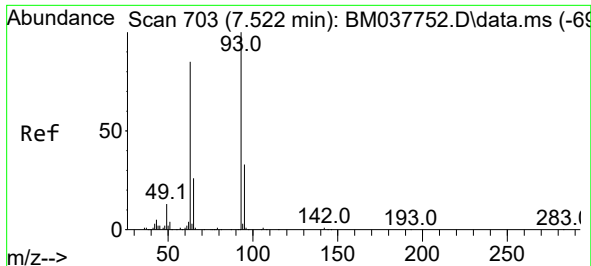
Tgt Ion: 77 Resp: 198108
Ion Ratio Lower Upper
77 100
105 90.5 73.4 110.0
106 89.5 70.2 105.2



#8
Phenol
Concen: 20.656 ng/ul
RT: 7.287 min Scan# 663
Delta R.T. 0.000 min
Lab File: BM037752.D
Acq: 28 Nov 2022 10:26

Tgt Ion: 94 Resp: 362312
Ion Ratio Lower Upper
94 100
65 33.9 25.0 37.4
66 45.9 31.0 46.6

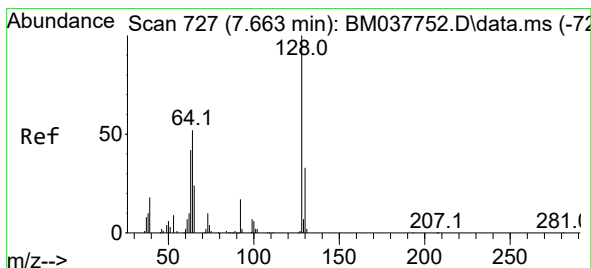
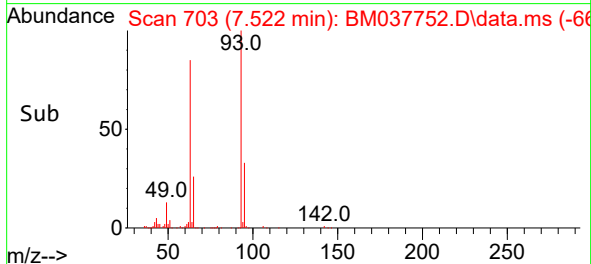
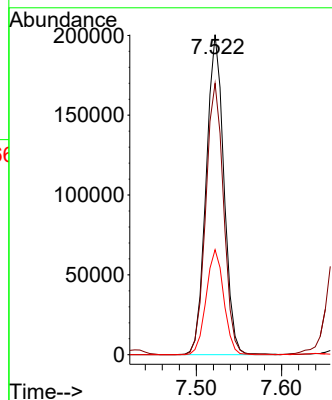
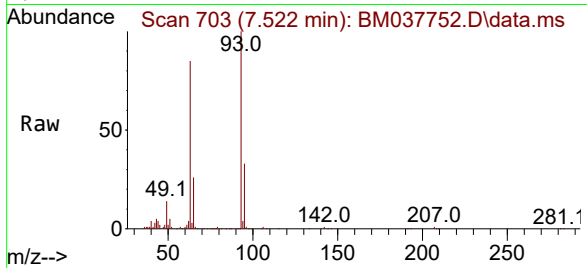




#10
Bis(2-Chloroethyl)ether
Concen: 20.392 ng/ul
RT: 7.522 min Scan# 703
Delta R.T. 0.000 min
Lab File: BM037752.D
Acq: 28 Nov 2022 10:26

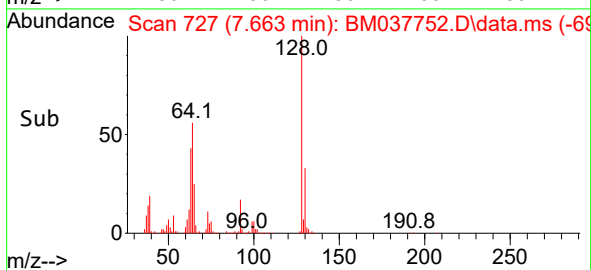
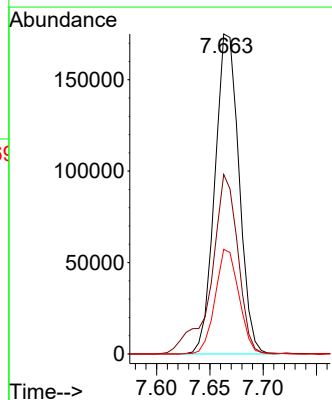
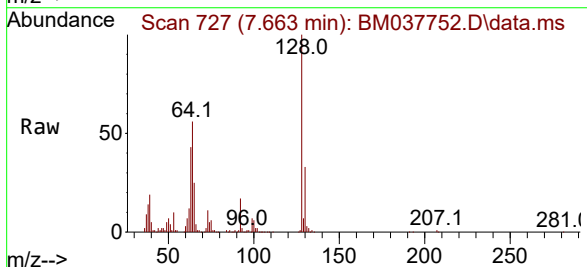
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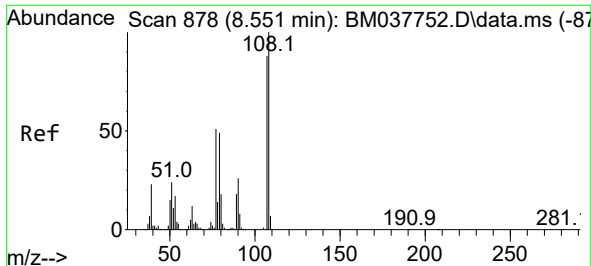
Tgt Ion: 93 Resp: 289974
Ion Ratio Lower Upper
93 100
63 84.8 68.6 103.0
95 32.8 27.1 40.7



#12
2-Chlorophenol
Concen: 21.779 ng/ul
RT: 7.663 min Scan# 727
Delta R.T. 0.000 min
Lab File: BM037752.D
Acq: 28 Nov 2022 10:26

Tgt Ion: 128 Resp: 276631
Ion Ratio Lower Upper
128 100
64 56.1 42.2 63.4
130 32.7 26.1 39.1





#13

2-Methylphenol

Concen: 20.487 ng/ul

RT: 8.551 min Scan# 878

Delta R.T. 0.000 min

Lab File: BM037752.D

Acq: 28 Nov 2022 10:26

Instrument :

BNA_M

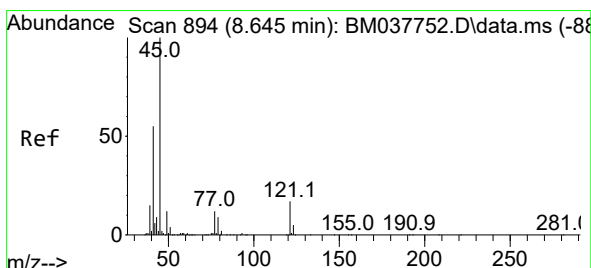
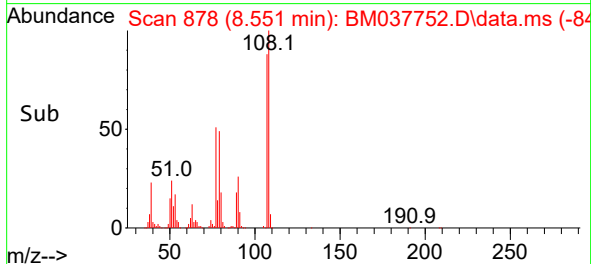
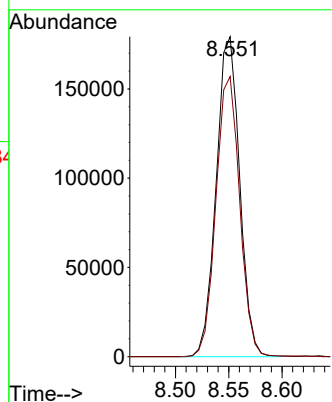
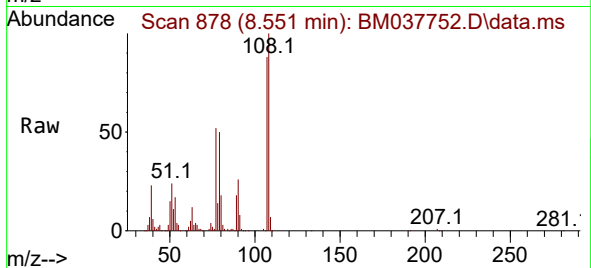
ClientSampleId :

Tgt Ion:108 Resp: 274128

Ion Ratio Lower Upper

108 100

107 87.5 70.6 106.0



#14

2,2'-oxybis(1-Chloropropane)

Concen: 20.153 ng/ul

RT: 8.645 min Scan# 894

Delta R.T. 0.000 min

Lab File: BM037752.D

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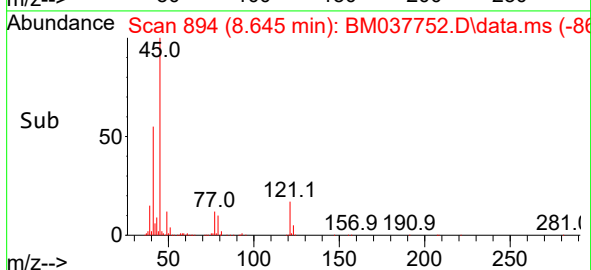
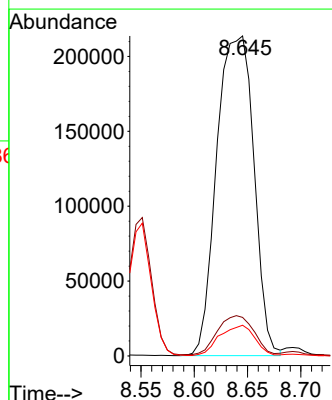
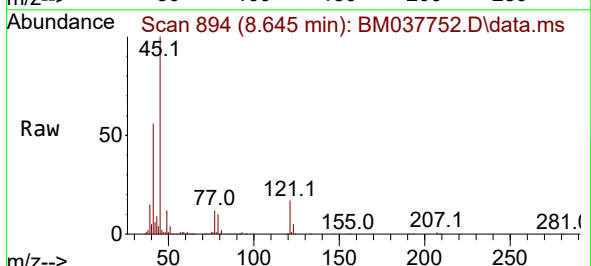
Tgt Ion: 45 Resp: 517614

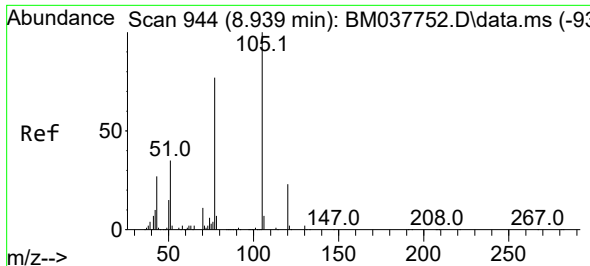
Ion Ratio Lower Upper

45 100

77 12.0 9.4 14.0

79 9.6 7.3 10.9

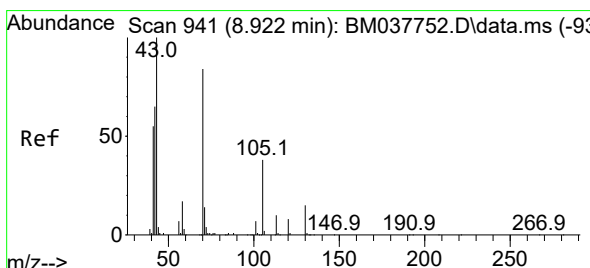
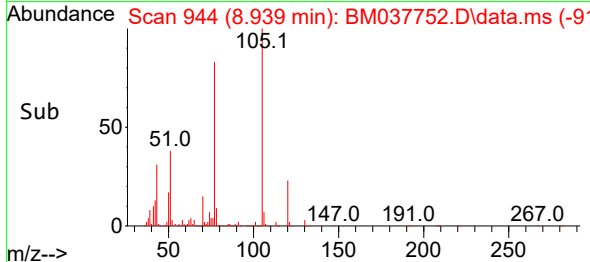
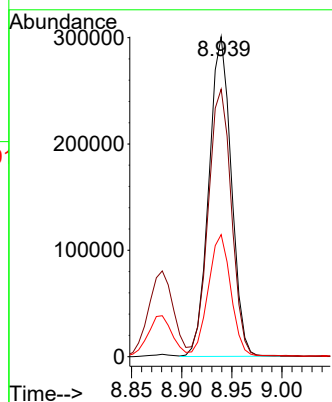
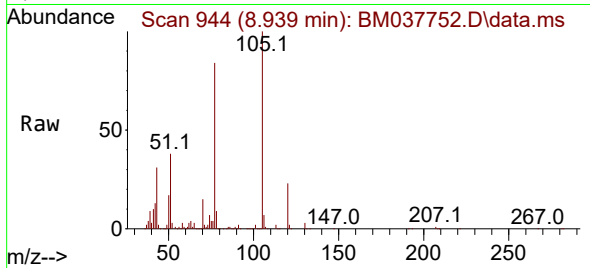




#16
Acetophenone
Concen: 21.343 ng/ul
RT: 8.939 min Scan# 944
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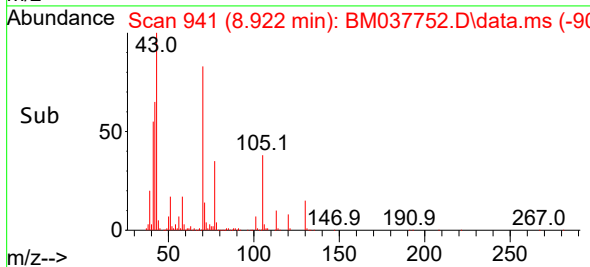
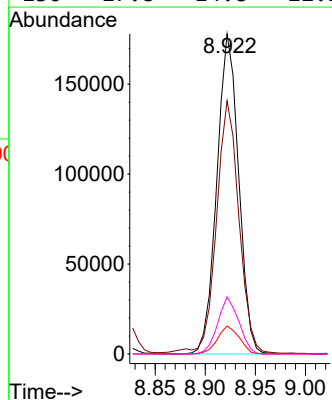
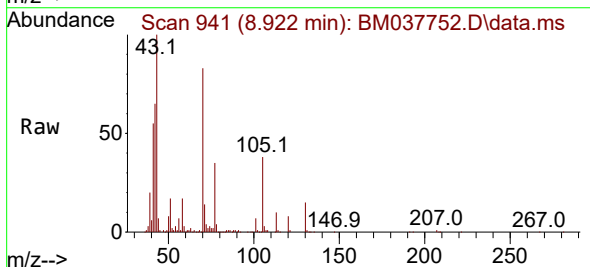
Instrument :
BNA_M
ClientSampleId :

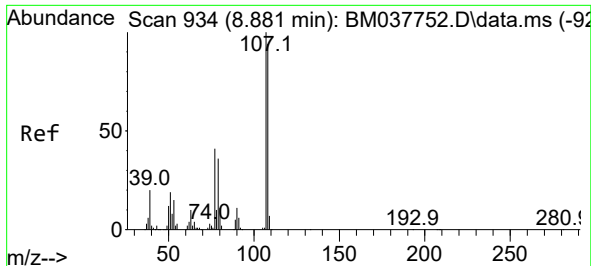
Tgt Ion:105 Resp: 467833
Ion Ratio Lower Upper
105 100
77 83.6 66.6 99.8
51 38.1 27.3 40.9



#17
N-Nitroso-di-n-propylamine
Concen: 20.920 ng/ul
RT: 8.922 min Scan# 941
Delta R.T. 0.000 min
Lab File: BM037752.D
Acq: 28 Nov 2022 10:26

Tgt Ion: 70 Resp: 268763
Ion Ratio Lower Upper
70 100
42 79.1 57.1 85.7
101 8.8 7.0 10.6
130 17.8 14.8 22.2





#18

4-Methylphenol

Concen: 20.998 ng/ul

RT: 8.881 min Scan# 91

Delta R.T. 0.000 min

Lab File: BM037752.D

Acq: 28 Nov 2022 10:26

Instrument :

BNA_M

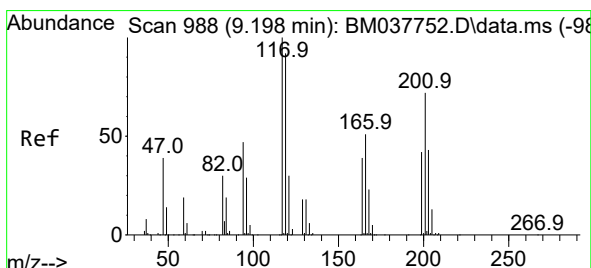
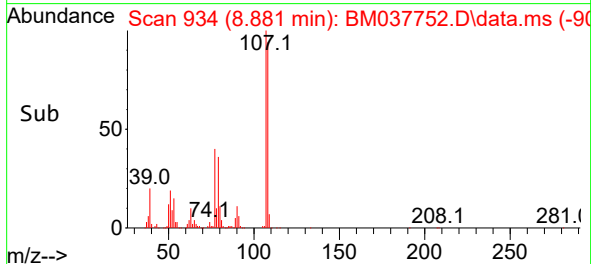
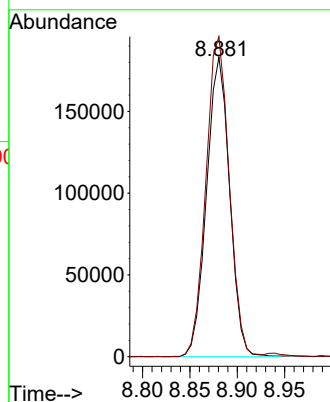
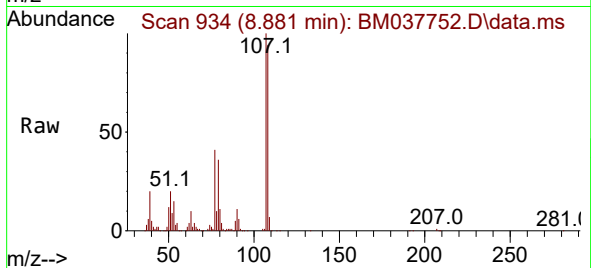
ClientSampleId :

Tgt Ion:108 Resp: 310424

Ion Ratio Lower Upper

108 100

107 106.9 90.4 135.6



#19

Hexachloroethane

Concen: 23.409 ng/ul

RT: 9.198 min Scan# 988

Delta R.T. 0.000 min

Lab File: BM037752.D

Acq: 28 Nov 2022 10:26

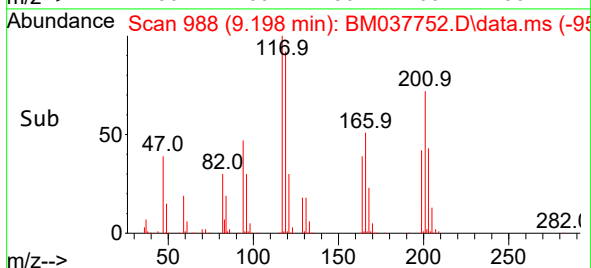
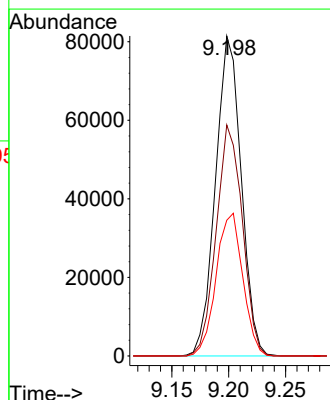
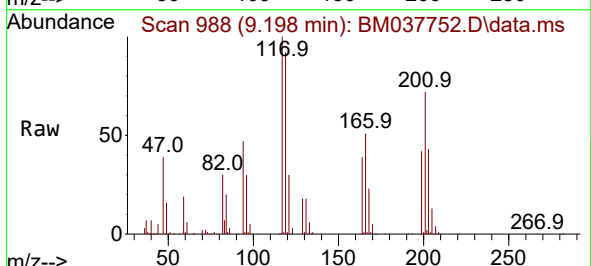
Tgt Ion:117 Resp: 128600

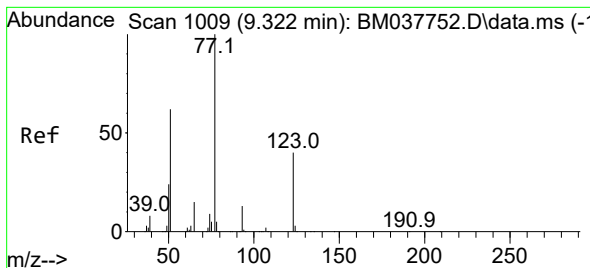
Ion Ratio Lower Upper

117 100

201 72.2 60.4 90.6

199 42.4 38.1 57.1

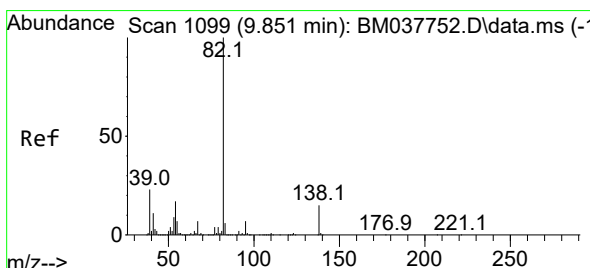
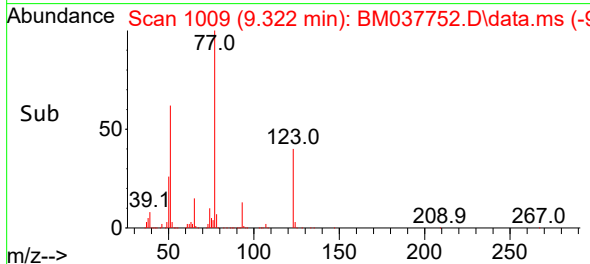
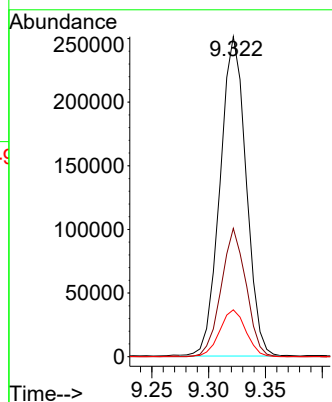
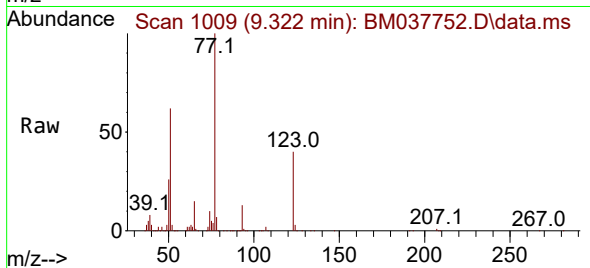




#22
Nitrobenzene
Concen: 22.958 ng/ul
RT: 9.322 min Scan# 1009
Delta R.T. 0.000 min
Lab File: BM037752.D
Acq: 28 Nov 2022 10:26

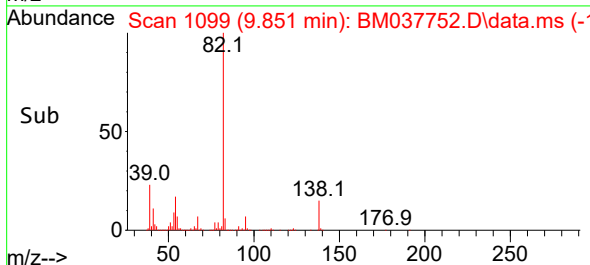
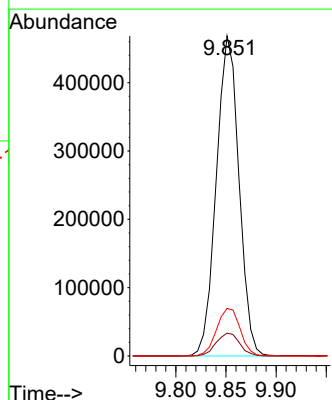
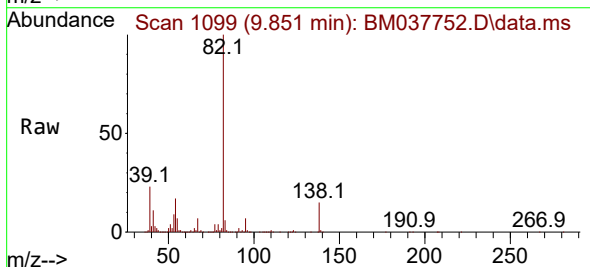
Instrument :
BNA_M
ClientSampleId :

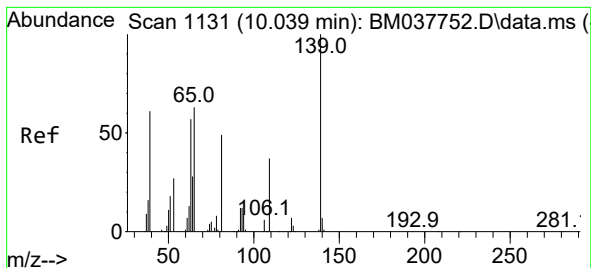
Tgt Ion: 77 Resp: 400906
Ion Ratio Lower Upper
77 100
123 40.1 32.4 48.6
65 14.6 11.4 17.0



#23
Isophorone
Concen: 20.888 ng/ul
RT: 9.851 min Scan# 1099
Delta R.T. 0.000 min
Lab File: BM037752.D
Acq: 28 Nov 2022 10:26

Tgt Ion: 82 Resp: 735179
Ion Ratio Lower Upper
82 100
95 7.1 5.3 7.9
138 14.9 12.5 18.7

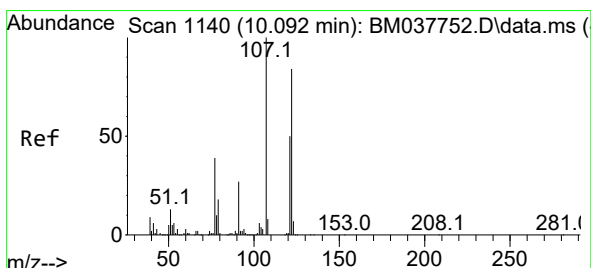
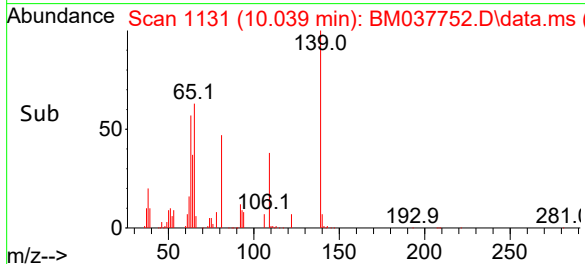
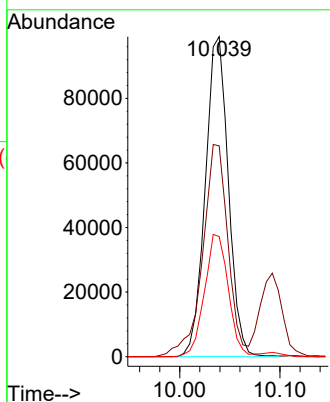
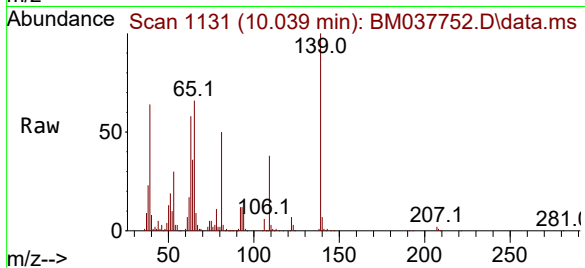




#25
2-Nitrophenol
Concen: 22.252 ng/ul
RT: 10.039 min Scan# 1131
Delta R.T. 0.000 min
Lab File: BM037752.D
Acq: 28 Nov 2022 10:26

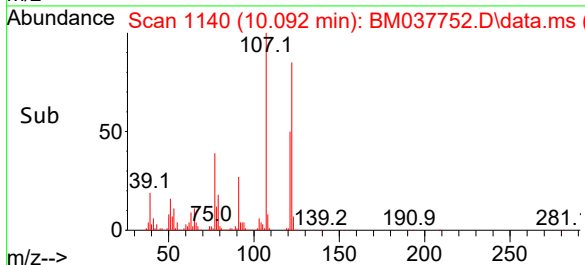
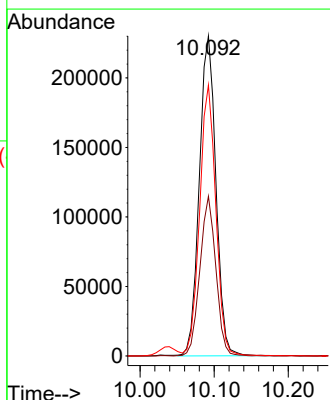
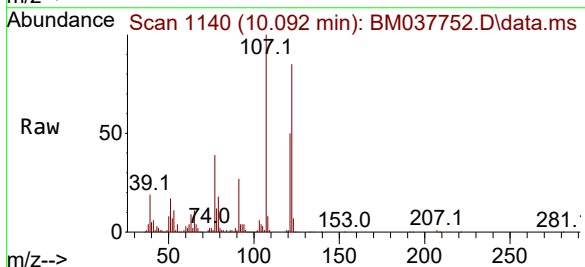
Instrument :
BNA_M
ClientSampleId :

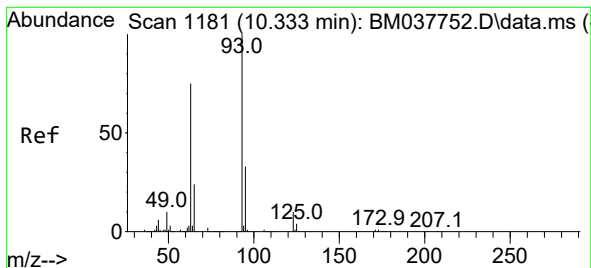
Tgt Ion:139 Resp: 158826
Ion Ratio Lower Upper
139 100
65 65.9 49.6 74.4
109 37.6 25.8 38.6



#26
2,4-Dimethylphenol
Concen: 22.878 ng/ul
RT: 10.092 min Scan# 1140
Delta R.T. 0.000 min
Lab File: BM037752.D
Acq: 28 Nov 2022 10:26

Tgt Ion:107 Resp: 358609
Ion Ratio Lower Upper
107 100
121 49.9 39.6 59.4
122 84.7 69.0 103.6

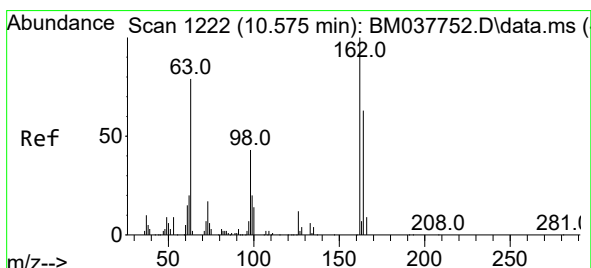
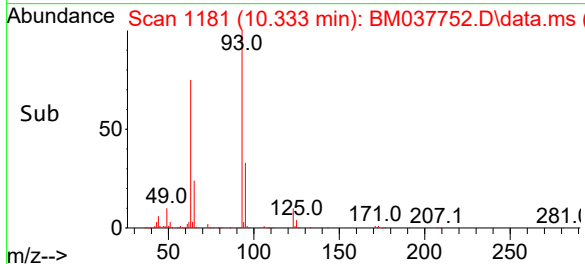
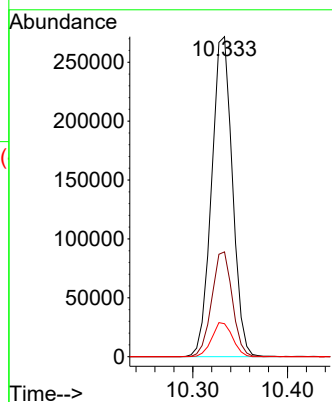
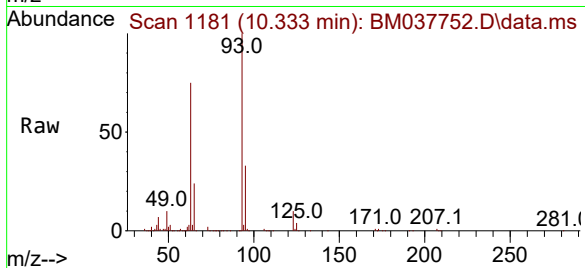




#27
 Bis(2-Chloroethoxy)methane
 Concen: 20.574 ng/ul
 RT: 10.333 min Scan# 1181
 Delta R.T. 0.000 min
 Lab File: BM037752.D
 Acq: 28 Nov 2022 10:26

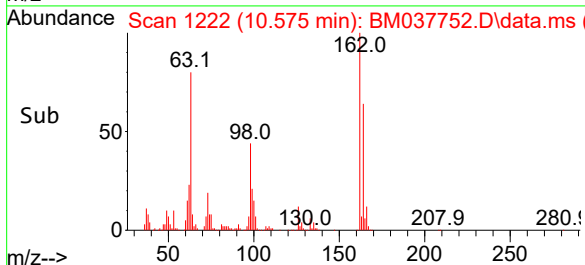
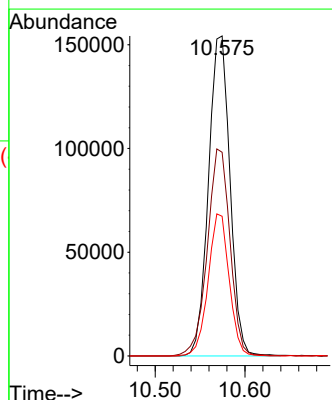
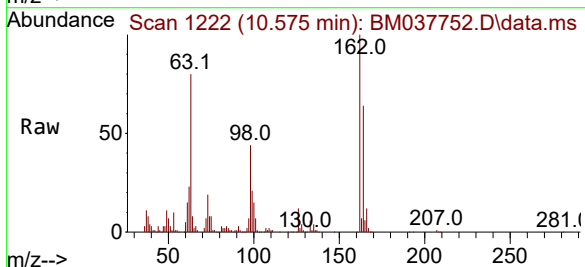
Instrument :
 BNA_M
 ClientSampleId :

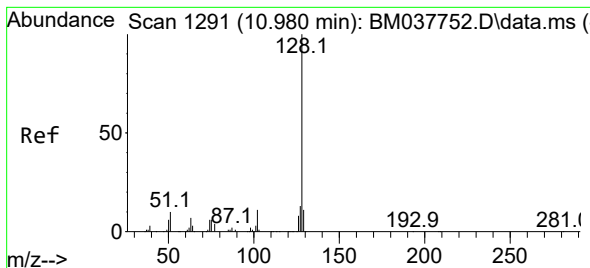
Tgt Ion: 93 Resp: 415394
 Ion Ratio Lower Upper
 93 100
 95 32.8 26.4 39.6
 123 10.3 8.6 13.0



#29
 2,4-Dichlorophenol
 Concen: 21.743 ng/ul
 RT: 10.575 min Scan# 1222
 Delta R.T. 0.000 min
 Lab File: BM037752.D
 Acq: 28 Nov 2022 10:26

Tgt Ion:162 Resp: 256885
 Ion Ratio Lower Upper
 162 100
 164 63.7 52.6 79.0
 98 43.6 33.6 50.4

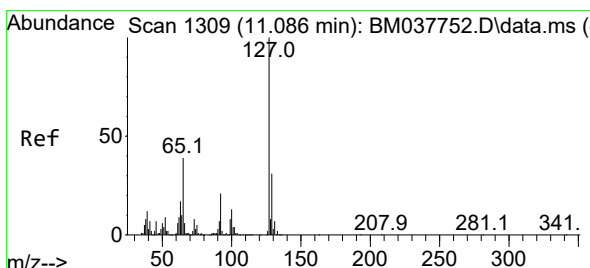
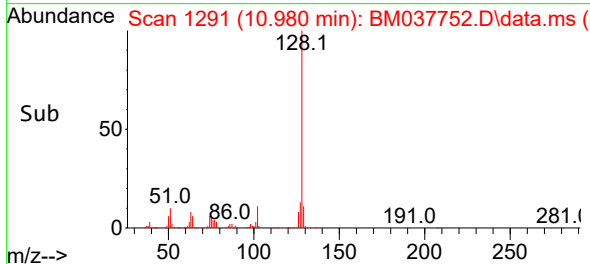
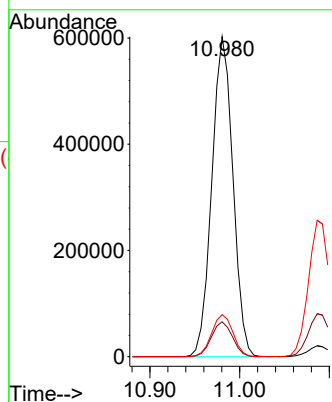
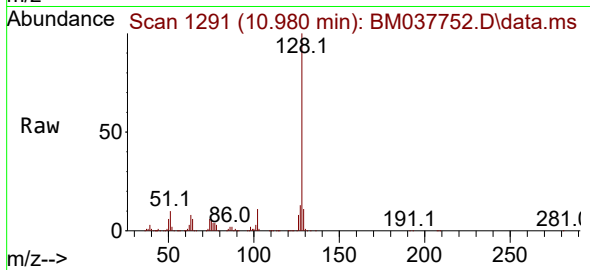




#30
Naphthalene
Concen: 21.998 ng/ul
RT: 10.980 min Scan# 1291
Delta R.T. 0.000 min
Lab File: BM037752.D
Acq: 28 Nov 2022 10:26

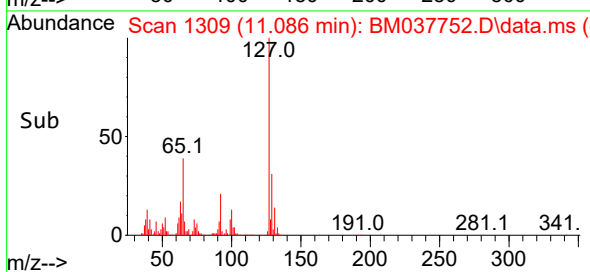
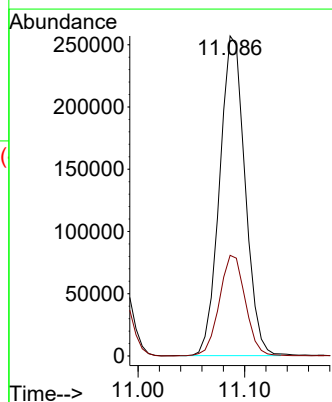
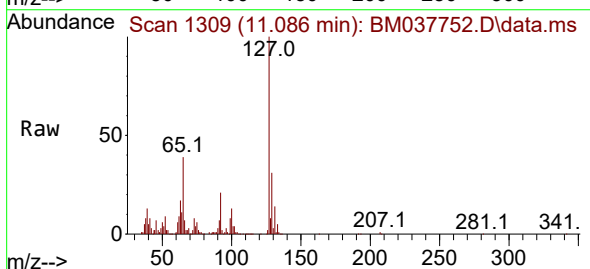
Instrument :
BNA_M
ClientSampleId :

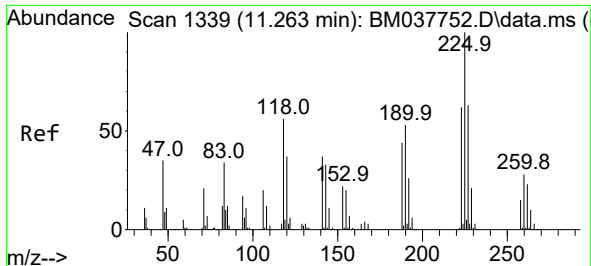
Tgt Ion:128 Resp: 982647
Ion Ratio Lower Upper
128 100
129 10.9 8.6 12.8
127 13.2 10.4 15.6



#32
4-Chloroaniline
Concen: 21.305 ng/ul
RT: 11.086 min Scan# 1309
Delta R.T. 0.000 min
Lab File: BM037752.D
Acq: 28 Nov 2022 10:26

Tgt Ion:127 Resp: 425467
Ion Ratio Lower Upper
127 100
129 31.4 26.1 39.1

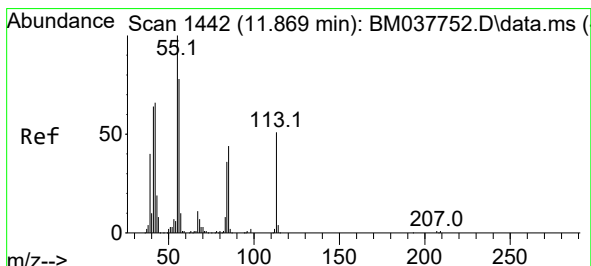
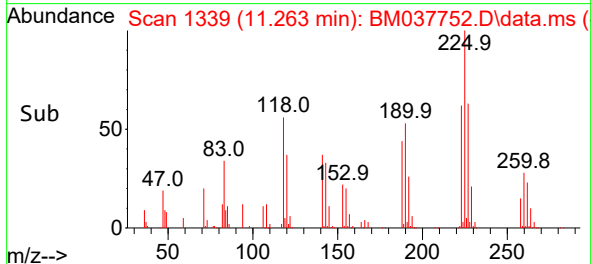
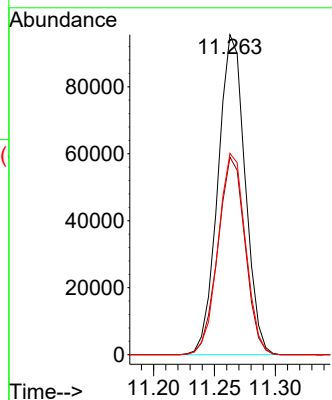
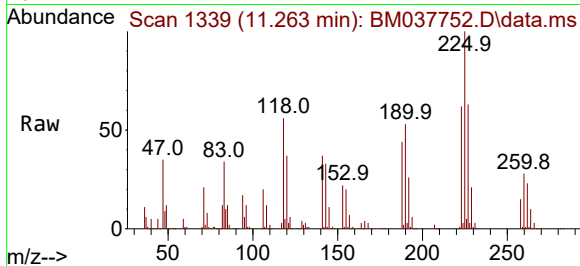




#33
Hexachlorobutadiene
Concen: 23.924 ng/ul
RT: 11.263 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM037752.D
Acq: 28 Nov 2022 10:26

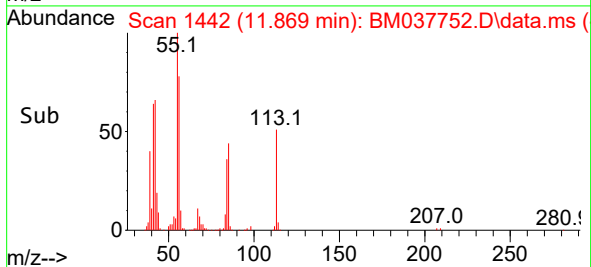
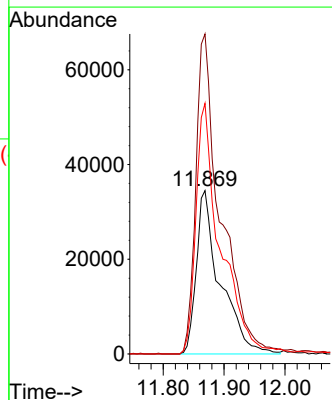
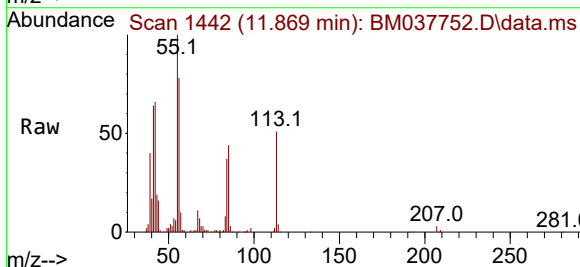
Instrument :
BNA_M
ClientSampleId :

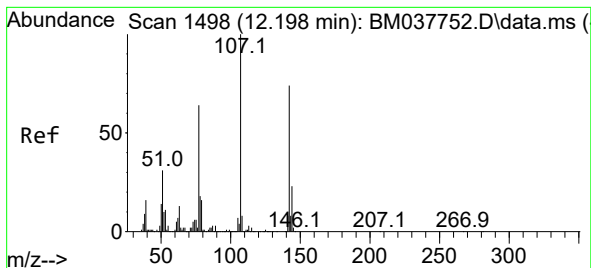
Tgt Ion:225 Resp: 148382
Ion Ratio Lower Upper
225 100
223 61.7 51.1 76.7
227 62.9 50.7 76.1



#34
Caprolactam
Concen: 19.035 ng/ul
RT: 11.869 min Scan# 1442
Delta R.T. 0.000 min
Lab File: BM037752.D
Acq: 28 Nov 2022 10:26

Tgt Ion:113 Resp: 93663
Ion Ratio Lower Upper
113 100
55 195.9 163.3 244.9
56 153.3 120.3 180.5

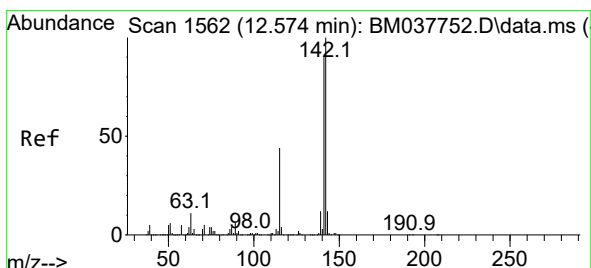
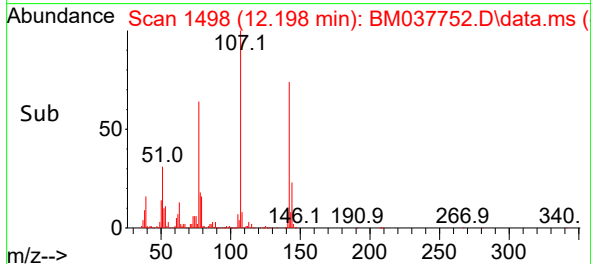
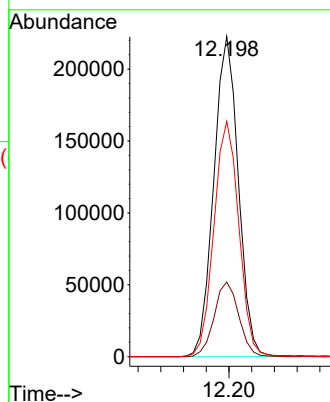
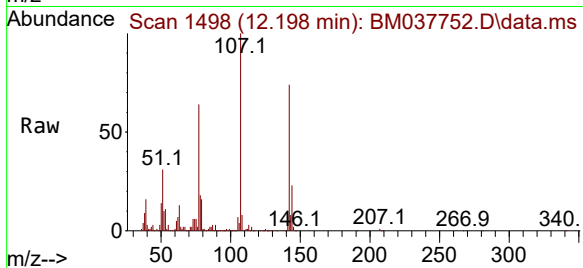




#35
4-Chloro-3-methylphenol
Concen: 22.167 ng/ul
RT: 12.198 min Scan# 1498
Delta R.T. 0.000 min
Lab File: BM037752.D
Acq: 28 Nov 2022 10:26

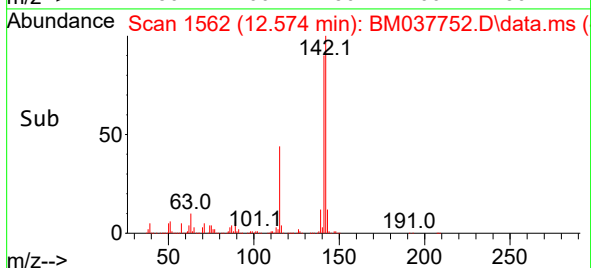
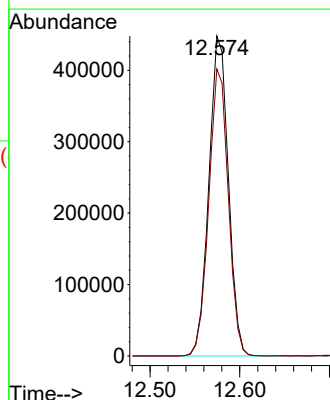
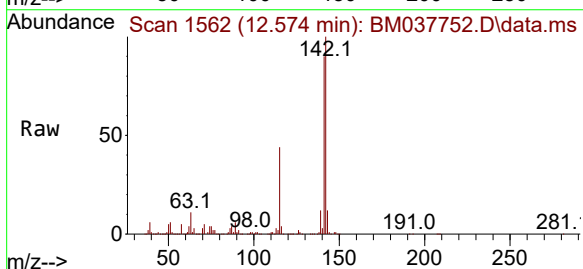
Instrument :
BNA_M
ClientSampleId :

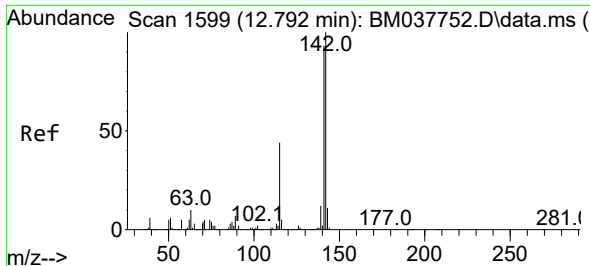
Tgt Ion:107 Resp: 334782
Ion Ratio Lower Upper
107 100
144 23.3 20.2 30.4
142 73.5 62.6 93.8



#36
2-Methylnaphthalene
Concen: 21.761 ng/ul
RT: 12.574 min Scan# 1562
Delta R.T. 0.000 min
Lab File: BM037752.D
Acq: 28 Nov 2022 10:26

Tgt Ion:142 Resp: 675238
Ion Ratio Lower Upper
142 100
141 89.7 72.2 108.4





#37

1-Methylnaphthalene

Concen: 21.726 ng/ul

RT: 12.792 min Scan# 1599

Delta R.T. 0.000 min

Lab File: BM037752.D

Acq: 28 Nov 2022 10:26

Instrument :

BNA_M

ClientSampleId :

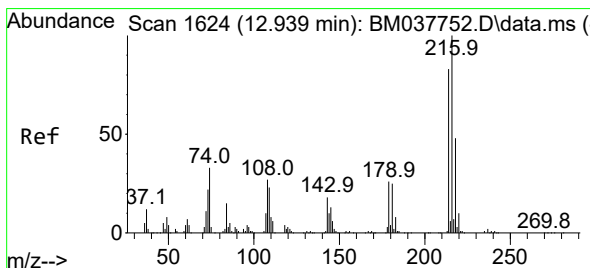
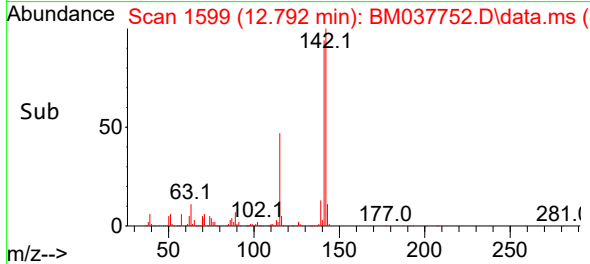
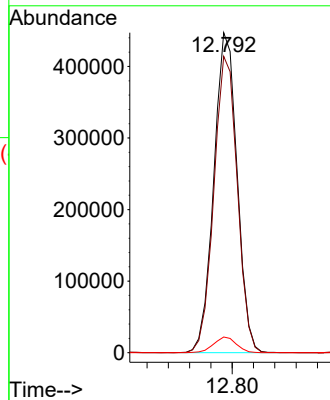
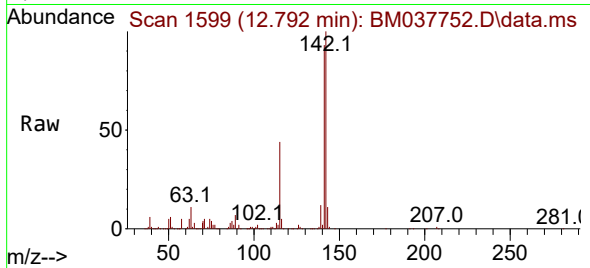
Tgt Ion:142 Resp: 678226

Ion Ratio Lower Upper

142 100

141 92.6 73.3 109.9

116 4.9 3.2 4.8#



#39

1,2,4,5-Tetrachlorobenzene

Concen: 21.118 ng/ul

RT: 12.939 min Scan# 1624

Delta R.T. 0.000 min

Lab File: BM037752.D

Acq: 28 Nov 2022 10:26

Tgt Ion:216 Resp: 277259

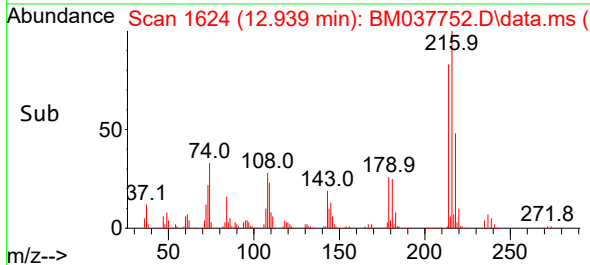
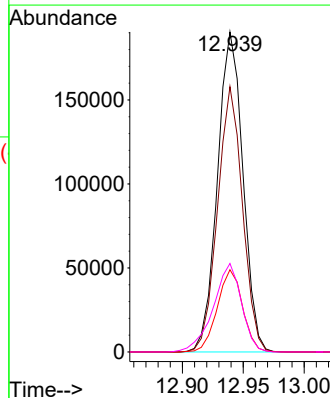
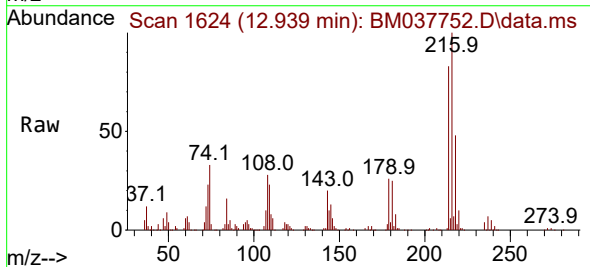
Ion Ratio Lower Upper

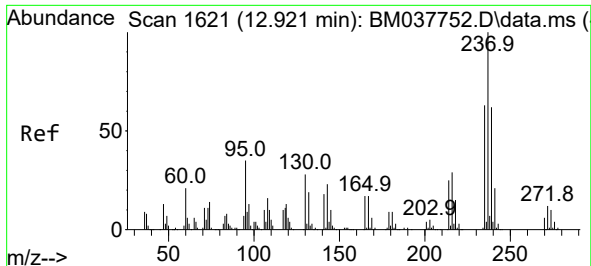
216 100

214 82.9 60.2 90.4

179 25.7 18.6 27.8

108 27.6 18.3 27.5#

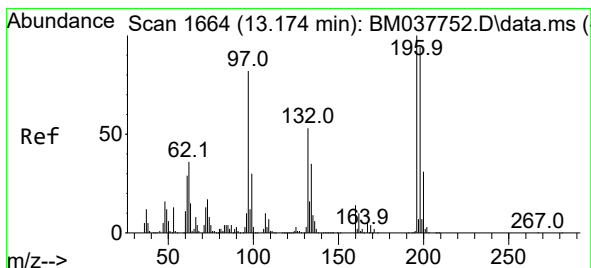
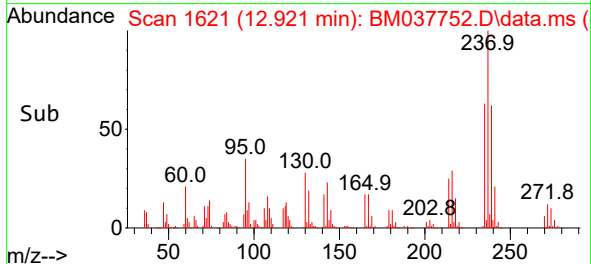
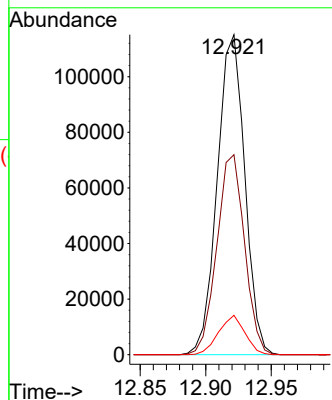
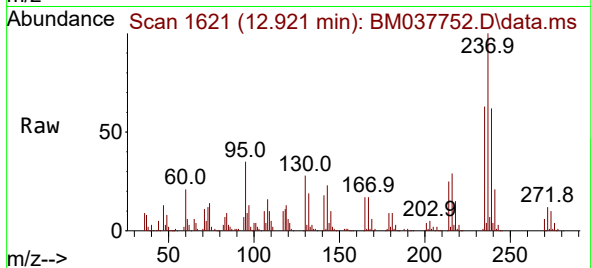




#40
Hexachlorocyclopentadiene
Concen: 20.546 ng/ul
RT: 12.921 min Scan# 1621
Delta R.T. 0.000 min
Lab File: BM037752.D
Acq: 28 Nov 2022 10:26

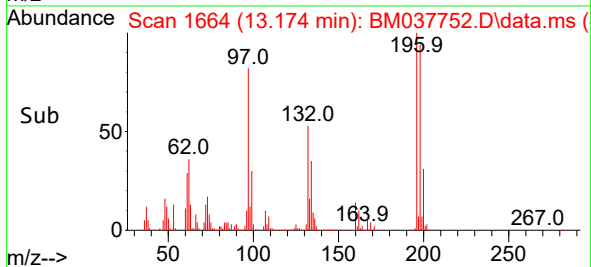
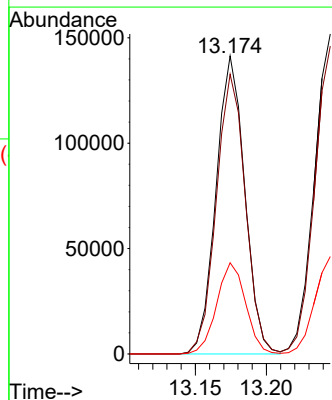
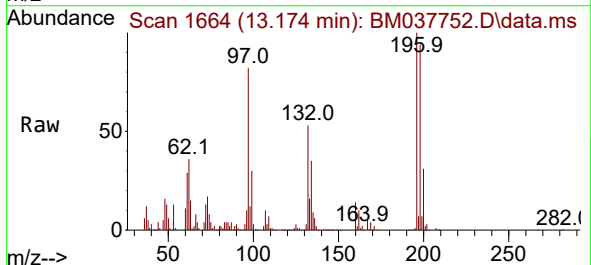
Instrument :
BNA_M
ClientSampleId :

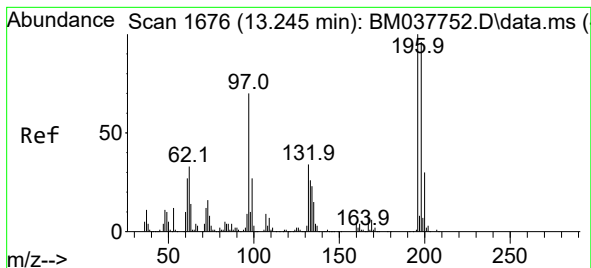
Tgt Ion:237 Resp: 167974
Ion Ratio Lower Upper
237 100
235 62.5 49.1 73.7
272 12.3 9.5 14.3



#41
2,4,6-Trichlorophenol
Concen: 21.017 ng/ul
RT: 13.174 min Scan# 1664
Delta R.T. 0.000 min
Lab File: BM037752.D
Acq: 28 Nov 2022 10:26

Tgt Ion:196 Resp: 198692
Ion Ratio Lower Upper
196 100
198 93.8 76.9 115.3
200 30.6 24.1 36.1





#42

2,4,5-Trichlorophenol

Concen: 21.075 ng/ul

RT: 13.245 min Scan# 1

Delta R.T. 0.000 min

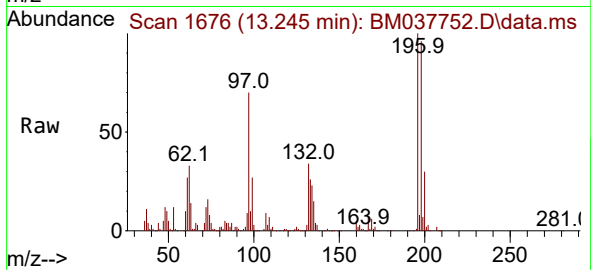
Lab File: BM037752.D

Acq: 28 Nov 2022 10:26

Instrument :

BNA_M

ClientSampleId :



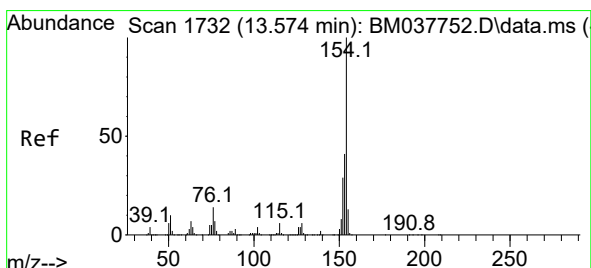
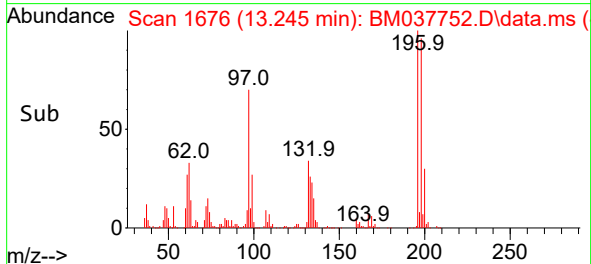
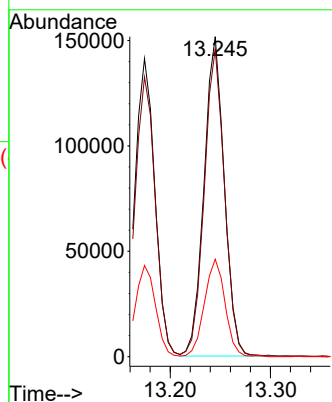
Tgt Ion:196 Resp: 213181

Ion Ratio Lower Upper

196 100

198 96.2 75.4 113.2

200 30.5 23.7 35.5



#43

1,1'-Biphenyl

Concen: 21.629 ng/ul

RT: 13.574 min Scan# 1732

Delta R.T. 0.000 min

Lab File: BM037752.D

Acq: 28 Nov 2022 10:26

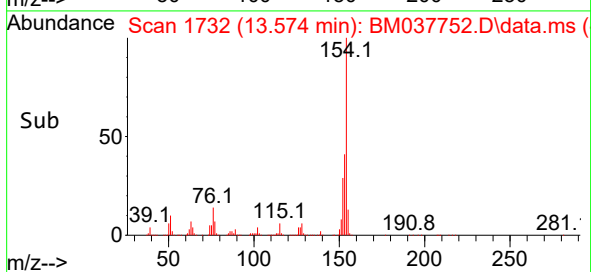
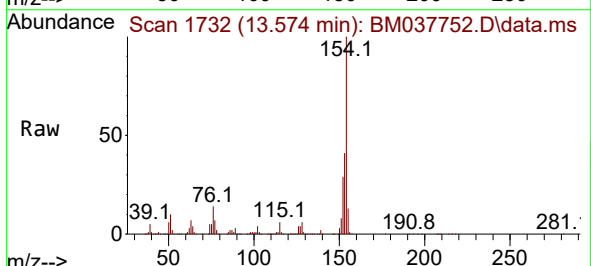
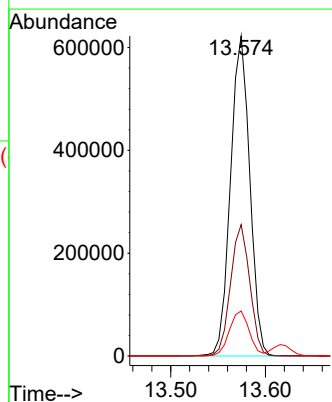
Tgt Ion:154 Resp: 878188

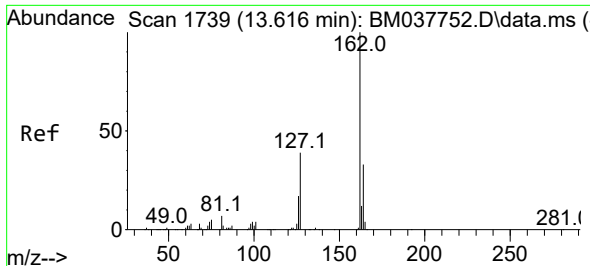
Ion Ratio Lower Upper

154 100

153 41.1 32.1 48.1

76 14.1 12.4 18.6

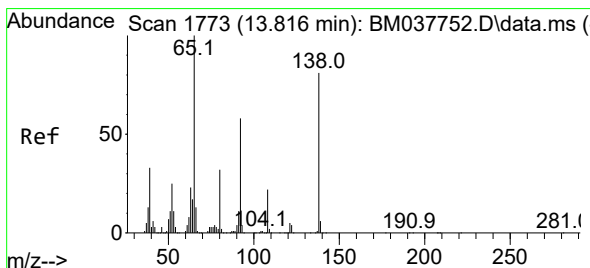
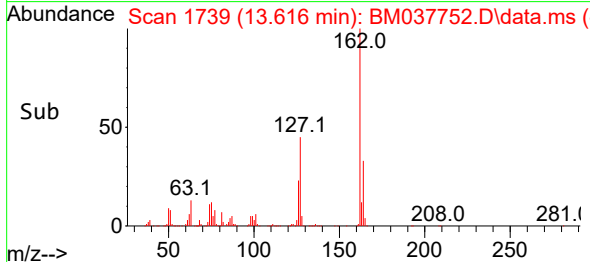
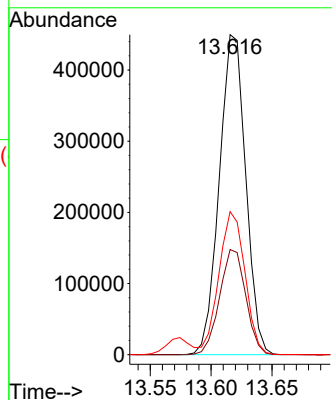
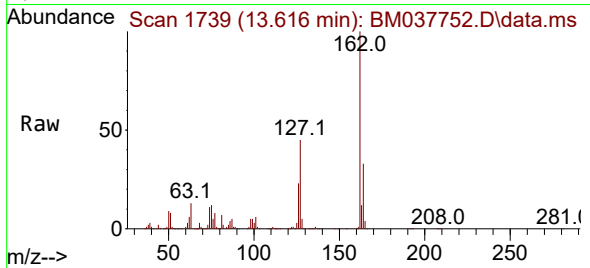




#44
2-Chloronaphthalene
Concen: 21.557 ng/ul
RT: 13.616 min Scan# 1739
Delta R.T. 0.000 min
Lab File: BM037752.D
Acq: 28 Nov 2022 10:26

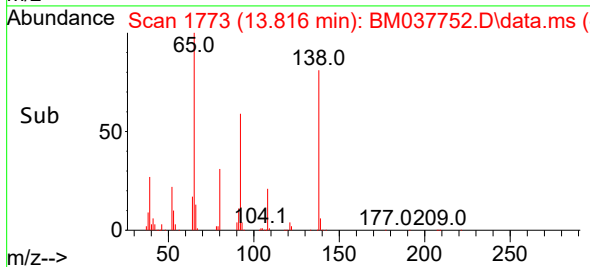
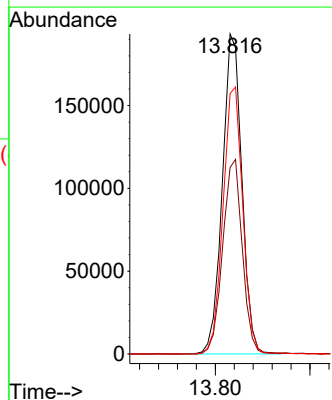
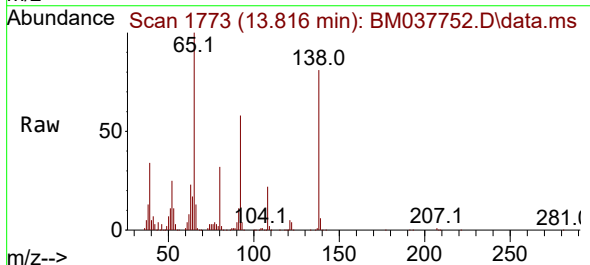
Instrument :
BNA_M
ClientSampleId :

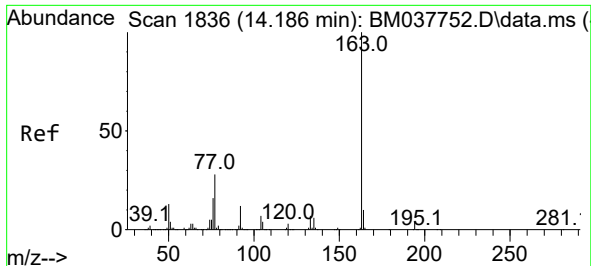
Tgt Ion:162 Resp: 680300
Ion Ratio Lower Upper
162 100
164 32.8 26.5 39.7
127 44.7 32.4 48.6



#45
2-Nitroaniline
Concen: 23.141 ng/ul
RT: 13.816 min Scan# 1773
Delta R.T. 0.000 min
Lab File: BM037752.D
Acq: 28 Nov 2022 10:26

Tgt Ion: 65 Resp: 276874
Ion Ratio Lower Upper
65 100
92 58.3 48.6 73.0
138 81.4 67.0 100.4





#47

Dimethylphthalate

Concen: 21.326 ng/ul

RT: 14.186 min Scan# 1836

Delta R.T. 0.000 min

Lab File: BM037752.D

Acq: 28 Nov 2022 10:26

Instrument :

BNA_M

ClientSampleId :

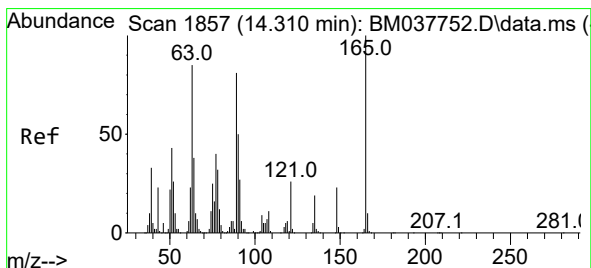
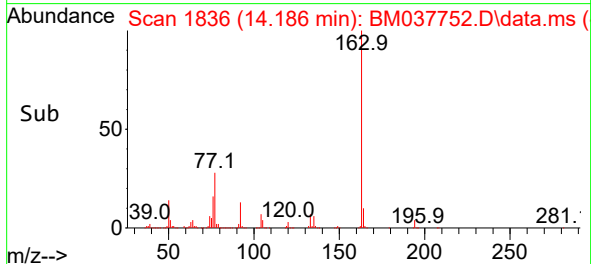
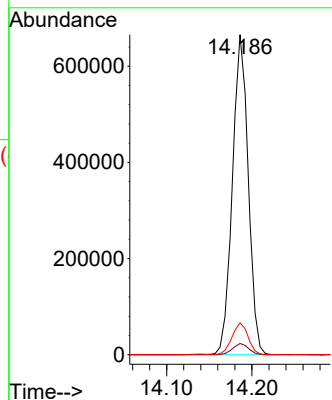
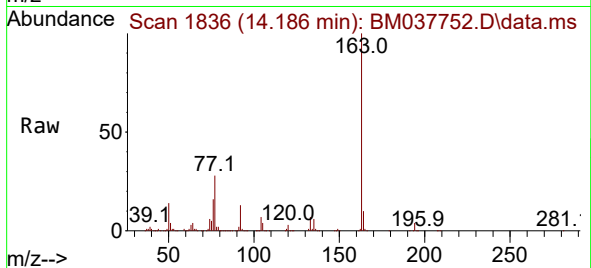
Tgt Ion:163 Resp: 858513

Ion Ratio Lower Upper

163 100

194 3.5 2.9 4.3

164 9.9 8.2 12.2



#48

2,6-Dinitrotoluene

Concen: 21.864 ng/ul

RT: 14.310 min Scan# 1857

Delta R.T. 0.000 min

Lab File: BM037752.D

Acq: 28 Nov 2022 10:26

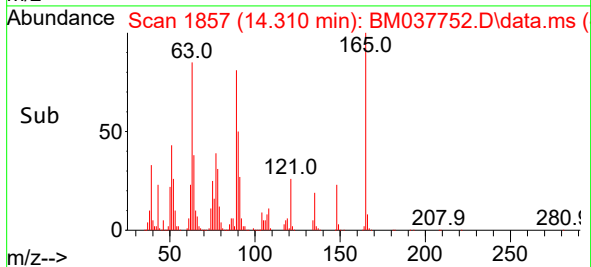
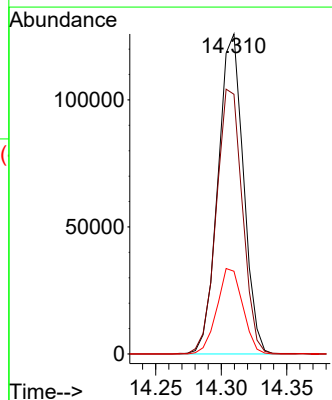
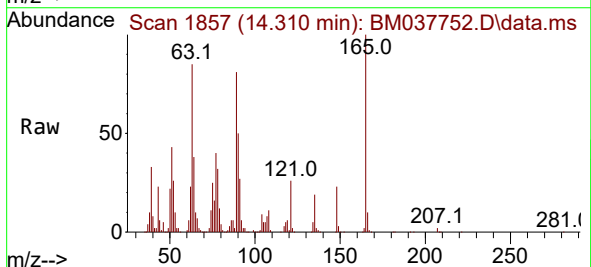
Tgt Ion:165 Resp: 169964

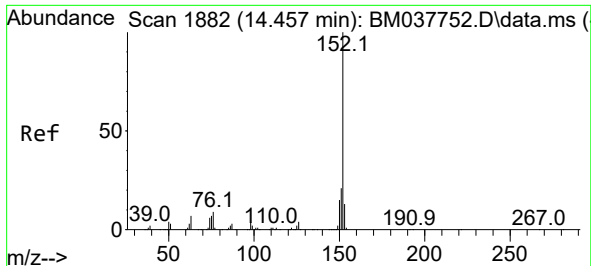
Ion Ratio Lower Upper

165 100

89 81.1 56.4 84.6

121 25.9 18.9 28.3

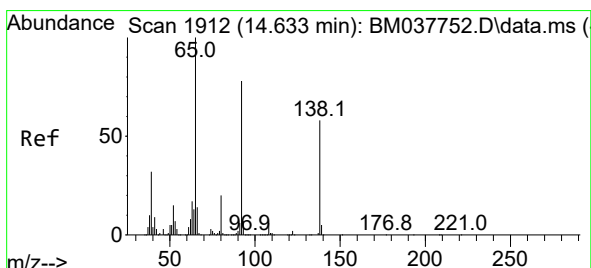
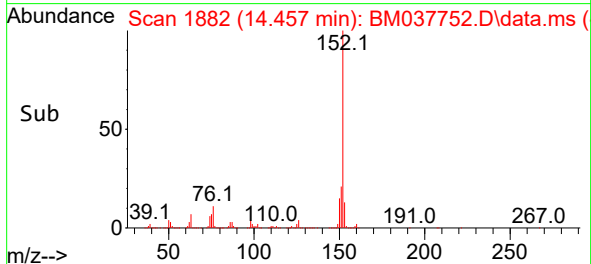
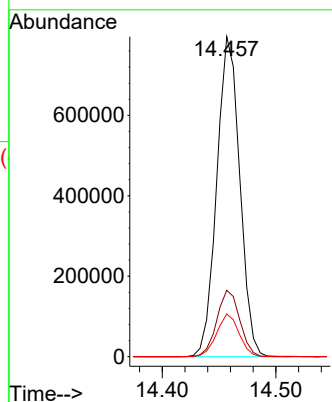
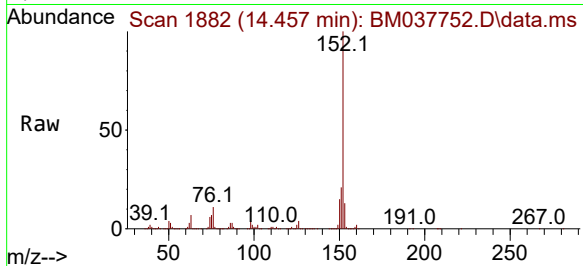




#50
Acenaphthylene
Concen: 22.146 ng/ul
RT: 14.457 min Scan# 1882
Delta R.T. 0.000 min
Lab File: BM037752.D
Acq: 28 Nov 2022 10:26

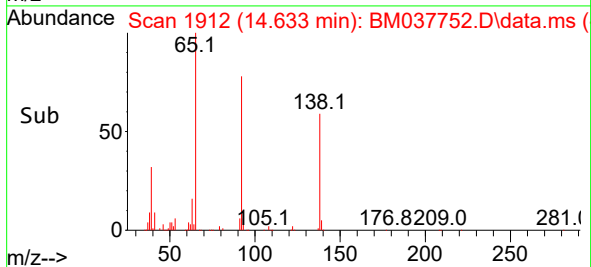
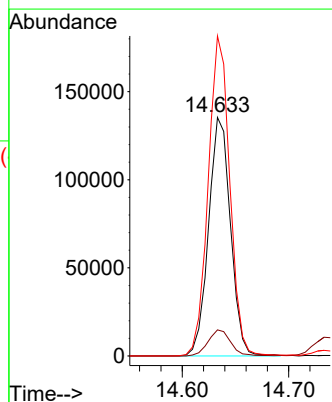
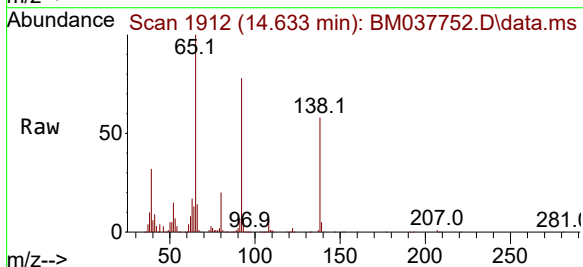
Instrument :
BNA_M
ClientSampleId :

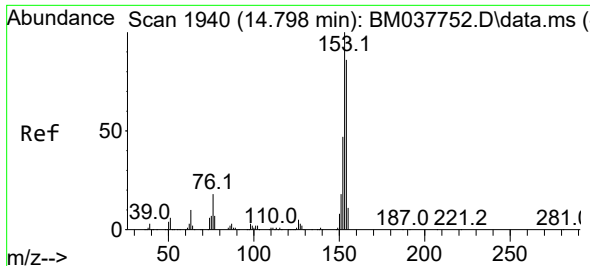
Tgt Ion:152 Resp: 1119036
Ion Ratio Lower Upper
152 100
151 20.7 16.3 24.5
153 13.4 10.3 15.5



#51
3-Nitroaniline
Concen: 20.589 ng/ul
RT: 14.633 min Scan# 1912
Delta R.T. 0.000 min
Lab File: BM037752.D
Acq: 28 Nov 2022 10:26

Tgt Ion:138 Resp: 194212
Ion Ratio Lower Upper
138 100
108 10.9 8.4 12.6
92 134.1 104.0 156.0

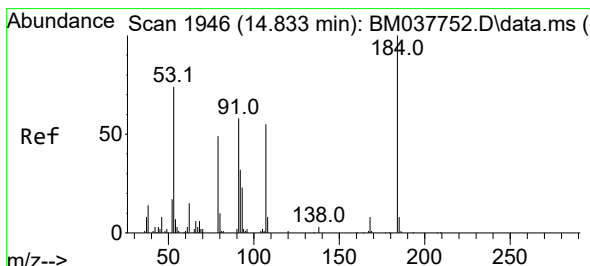
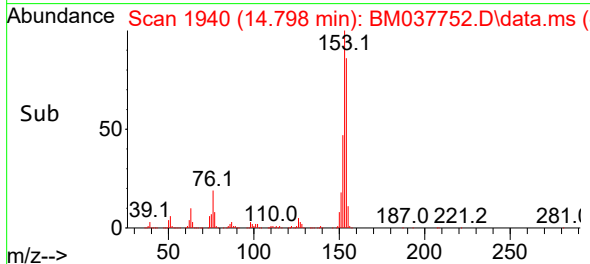
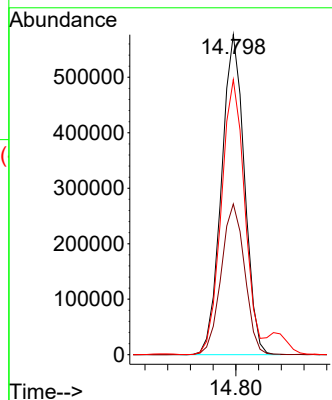
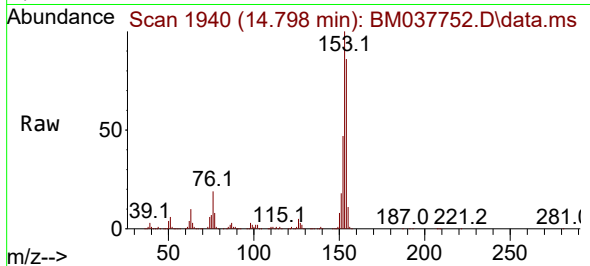




#52
Acenaphthene
Concen: 22.420 ng/ul
RT: 14.798 min Scan# 1940
Delta R.T. 0.000 min
Lab File: BM037752.D
Acq: 28 Nov 2022 10:26

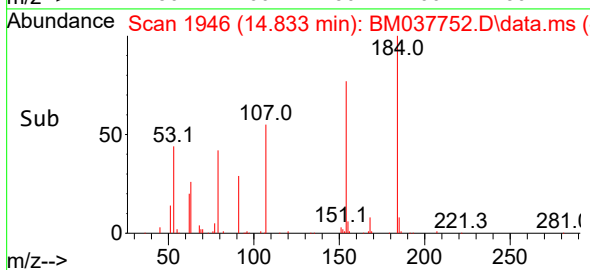
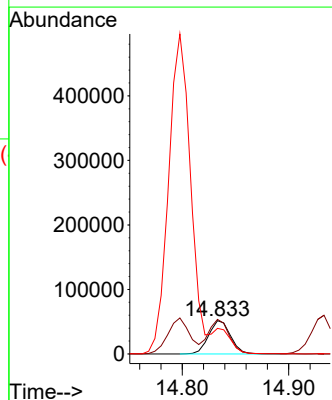
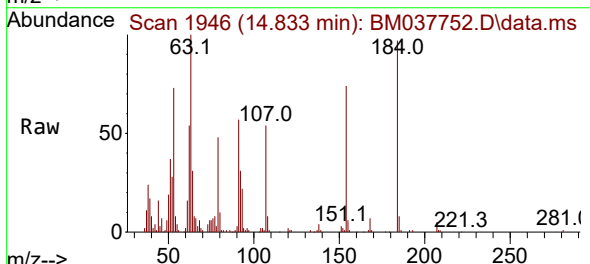
Instrument :
BNA_M
ClientSampleId :

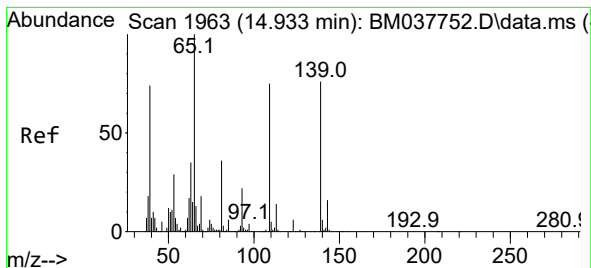
Tgt Ion:153 Resp: 810198
Ion Ratio Lower Upper
153 100
152 47.1 38.4 57.6
154 86.0 70.7 106.1



#53
2,4-Dinitrophenol
Concen: 16.108 ng/ul
RT: 14.833 min Scan# 1946
Delta R.T. 0.000 min
Lab File: BM037752.D
Acq: 28 Nov 2022 10:26

Tgt Ion:184 Resp: 73468
Ion Ratio Lower Upper
184 100
63 103.6 74.9 112.3
154 76.9 57.8 86.6

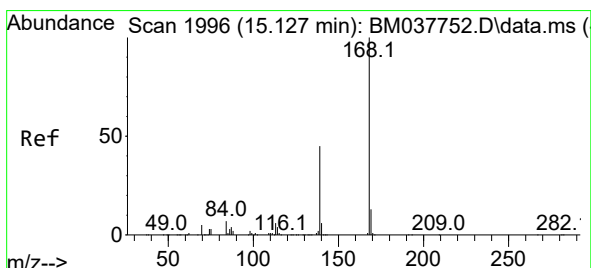
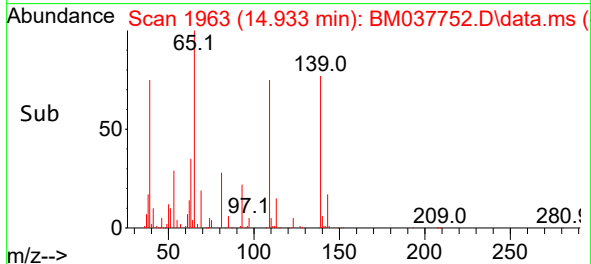
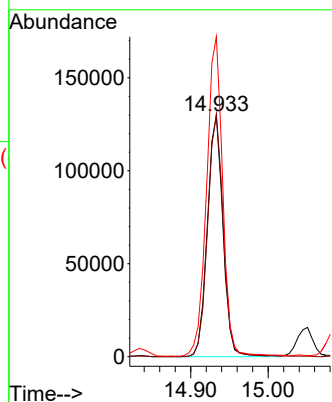
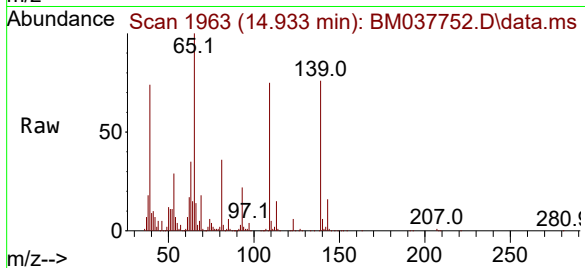




#55
4-Nitrophenol
Concen: 24.242 ng/ul
RT: 14.933 min Scan# 1963
Delta R.T. 0.000 min
Lab File: BM037752.D
Acq: 28 Nov 2022 10:26

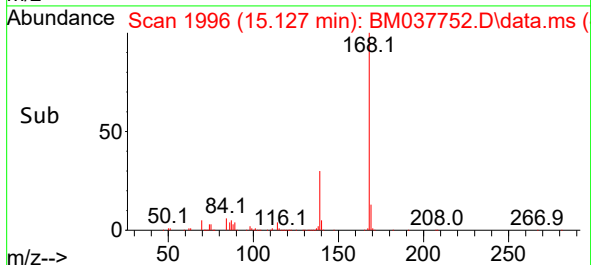
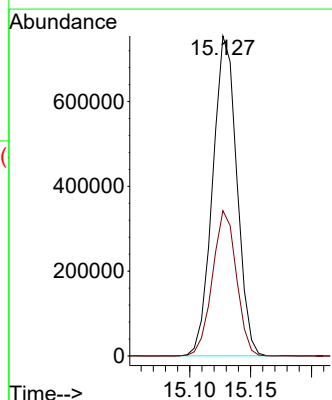
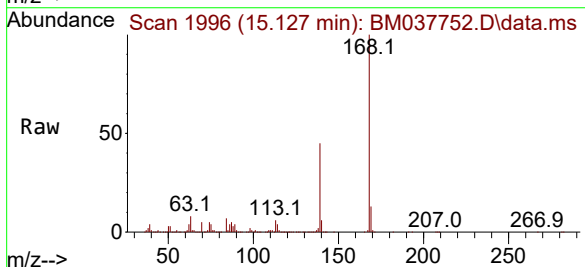
Instrument :
BNA_M
ClientSampleId :

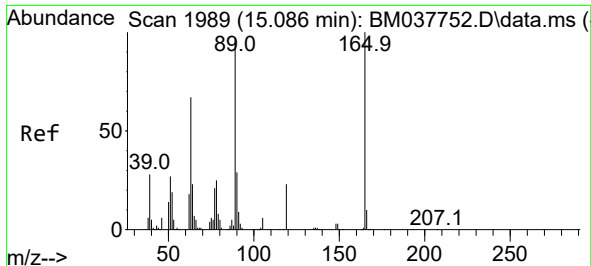
Tgt Ion:109 Resp: 181227
Ion Ratio Lower Upper
109 100
139 100.8 102.4 153.6#
65 132.9 119.6 179.4



#56
Dibenzofuran
Concen: 22.064 ng/ul
RT: 15.127 min Scan# 1996
Delta R.T. 0.000 min
Lab File: BM037752.D
Acq: 28 Nov 2022 10:26

Tgt Ion:168 Resp: 1040655
Ion Ratio Lower Upper
168 100
139 45.4 32.2 48.2





#57

2,4-Dinitrotoluene

Concen: 22.568 ng/ul

RT: 15.086 min Scan# 1989

Delta R.T. 0.000 min

Lab File: BM037752.D

Acq: 28 Nov 2022 10:26

Instrument :

BNA_M

ClientSampleId :

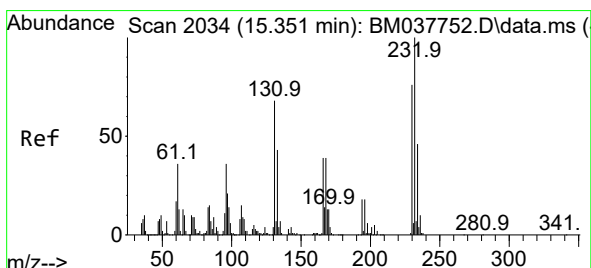
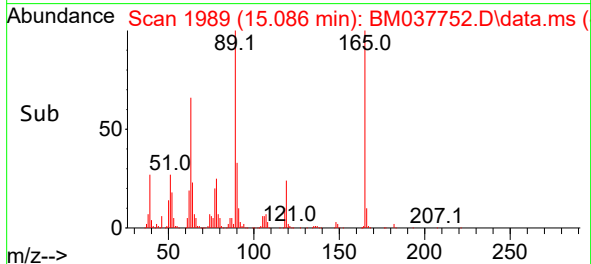
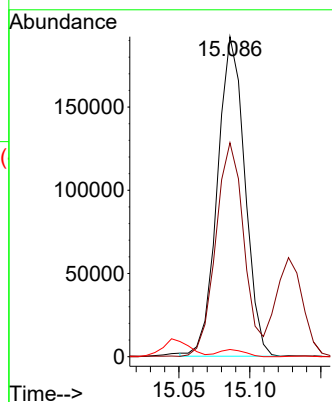
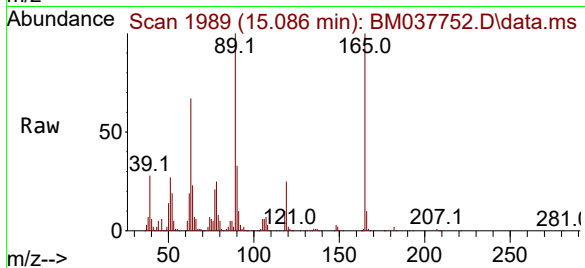
Tgt Ion:165 Resp: 257426

Ion Ratio Lower Upper

165 100

63 66.8 46.6 70.0

182 2.3 1.9 2.9



#58

2,3,4,6-Tetrachlorophenol

Concen: 22.412 ng/ul

RT: 15.351 min Scan# 2034

Delta R.T. 0.000 min

Lab File: BM037752.D

Acq: 28 Nov 2022 10:26

Tgt Ion:232 Resp: 186007

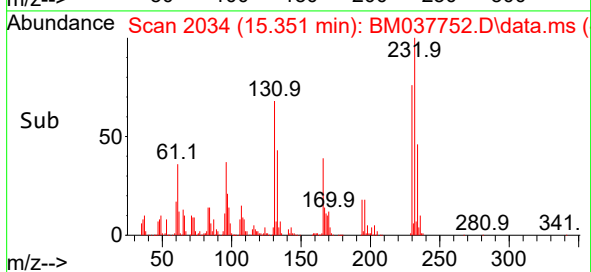
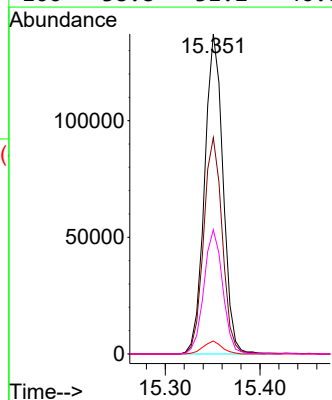
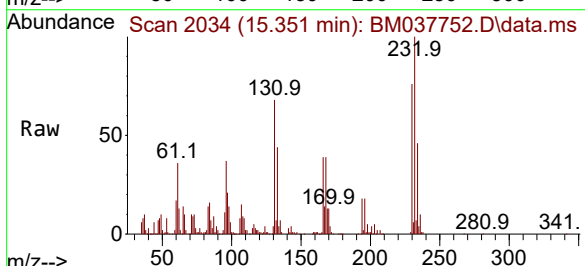
Ion Ratio Lower Upper

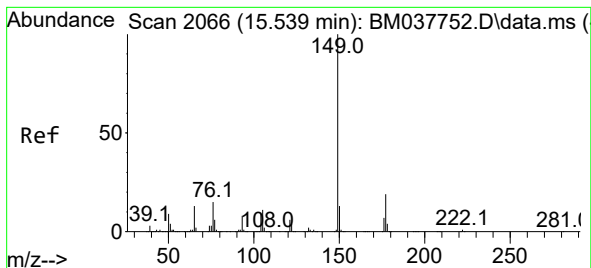
232 100

131 67.6 50.2 75.4

130 4.1 2.8 4.2

166 38.8 31.2 46.8





#59

Diethylphthalate

Concen: 22.506 ng/ul

RT: 15.539 min Scan# 2066

Delta R.T. 0.000 min

Lab File: BM037752.D

Acq: 28 Nov 2022 10:26

Instrument :

BNA_M

ClientSampleId :

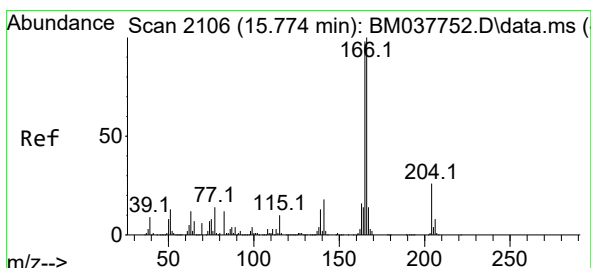
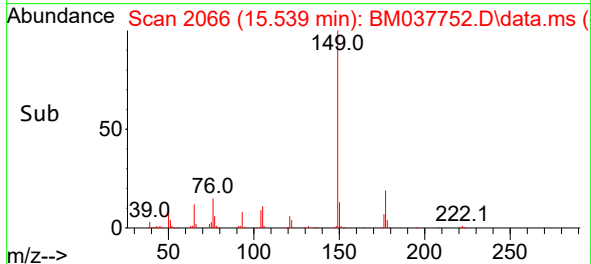
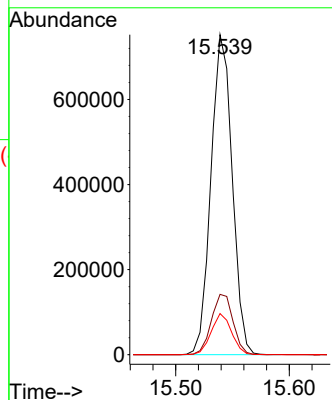
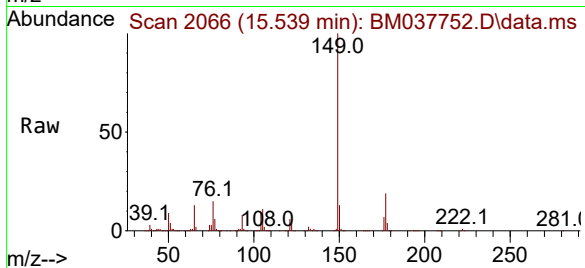
Tgt Ion:149 Resp: 977864

Ion Ratio Lower Upper

149 100

177 18.8 16.1 24.1

150 12.8 9.4 14.0



#61

Fluorene

Concen: 22.233 ng/ul

RT: 15.774 min Scan# 2106

Delta R.T. 0.000 min

Lab File: BM037752.D

Acq: 28 Nov 2022 10:26

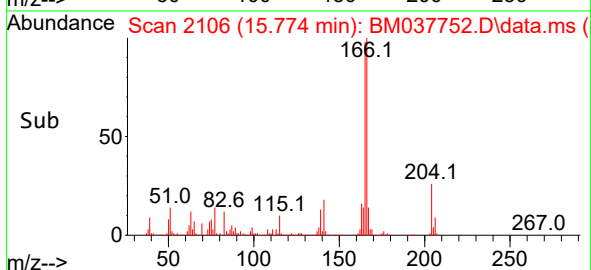
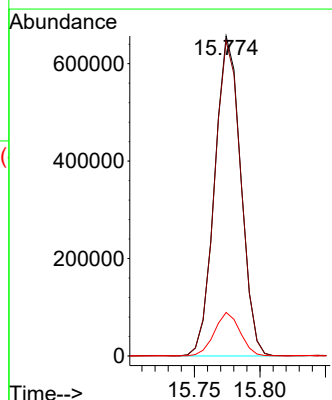
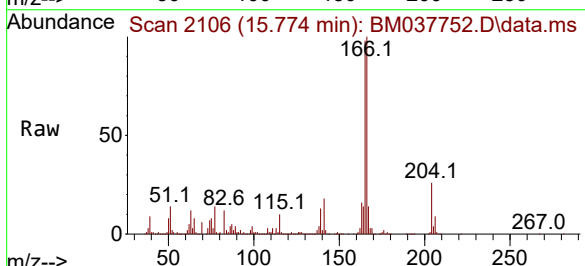
Tgt Ion:166 Resp: 908392

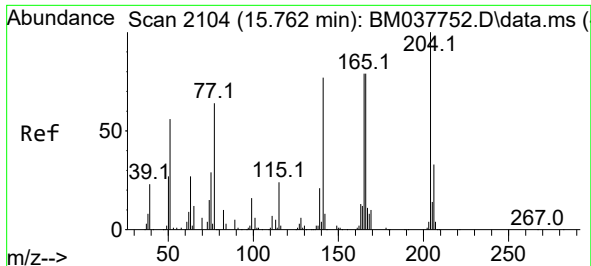
Ion Ratio Lower Upper

166 100

165 98.4 79.3 118.9

167 13.6 10.6 15.8

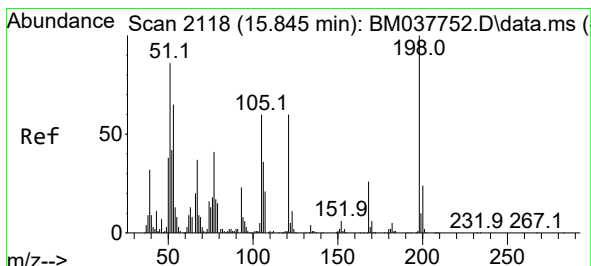
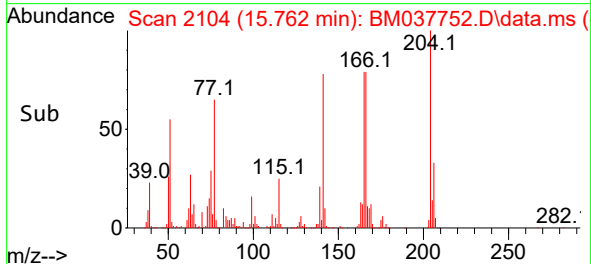
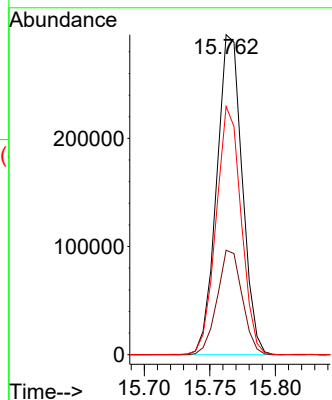
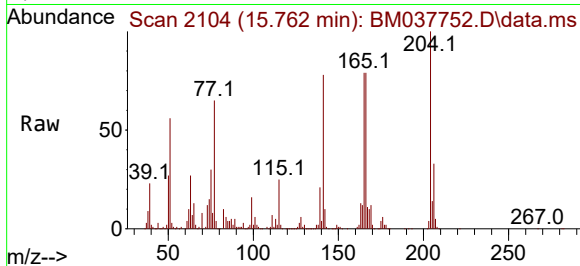




#62
4-Chlorophenyl-phenylether
Concen: 22.449 ng/ul
RT: 15.762 min Scan# 2104
Delta R.T. 0.000 min
Lab File: BM037752.D
Acq: 28 Nov 2022 10:26

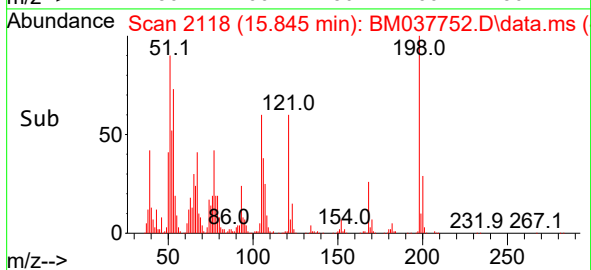
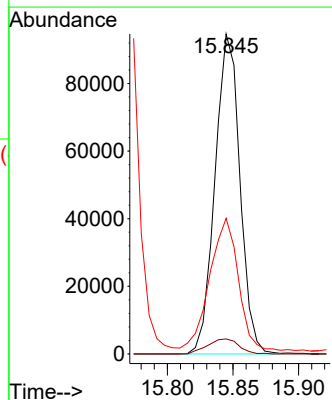
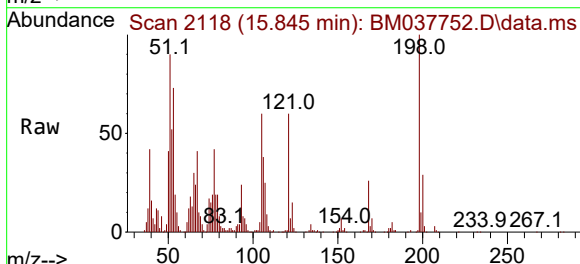
Instrument :
BNA_M
ClientSampleId :

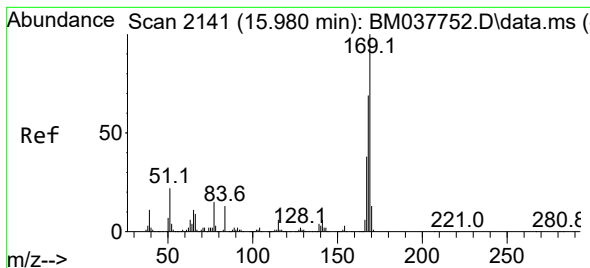
Tgt Ion:204 Resp: 400118
Ion Ratio Lower Upper
204 100
206 32.7 25.8 38.8
141 77.6 54.3 81.5



#66
4,6-Dinitro-2-methylphenol
Concen: 19.146 ng/ul
RT: 15.845 min Scan# 2118
Delta R.T. 0.000 min
Lab File: BM037752.D
Acq: 28 Nov 2022 10:26

Tgt Ion:198 Resp: 124993
Ion Ratio Lower Upper
198 100
182 4.7 4.0 6.0
77 42.4 27.9 41.9#





#67

N-Nitrosodiphenylamine

Concen: 21.732 ng/ul

RT: 15.980 min Scan# 2141

Delta R.T. 0.000 min

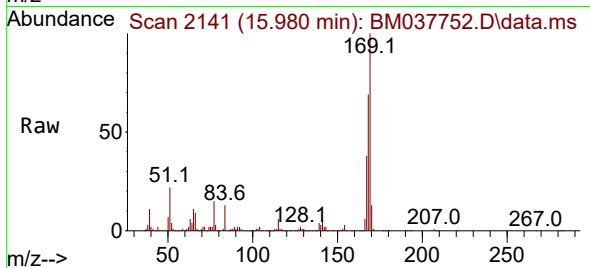
Lab File: BM037752.D

Acq: 28 Nov 2022 10:26

Instrument :

BNA_M

ClientSampleId :



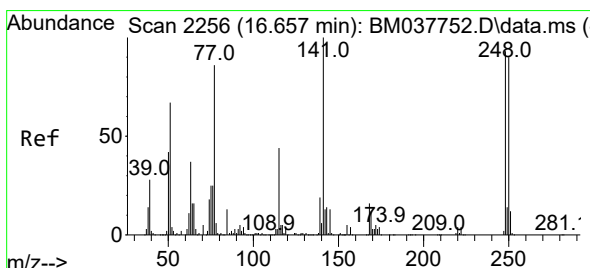
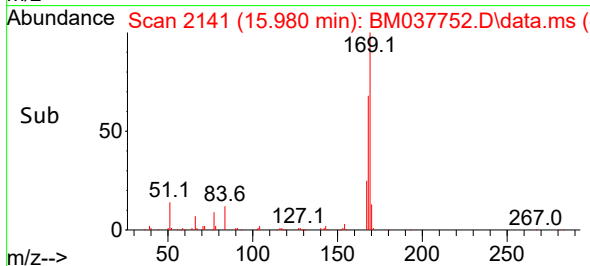
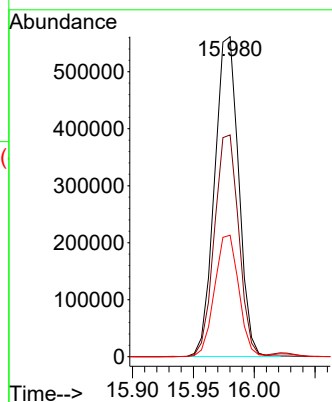
Tgt Ion:169 Resp: 772106

Ion Ratio Lower Upper

169 100

168 69.3 54.0 81.0

167 38.0 29.3 43.9



#68

4-Bromophenyl-phenylether

Concen: 24.245 ng/ul

RT: 16.657 min Scan# 2256

Delta R.T. 0.000 min

Lab File: BM037752.D

Acq: 28 Nov 2022 10:26

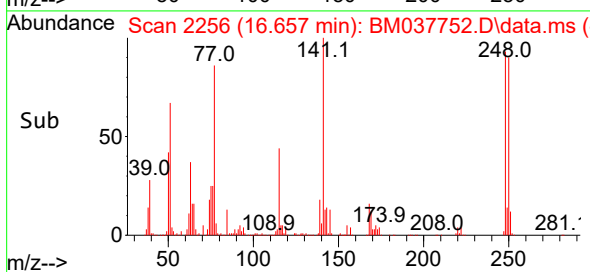
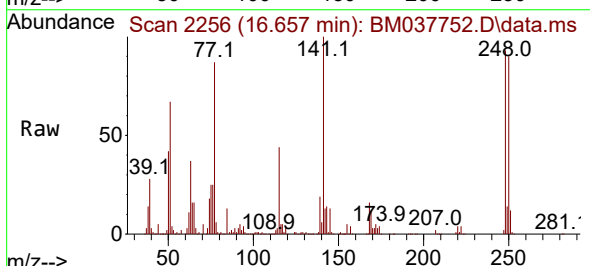
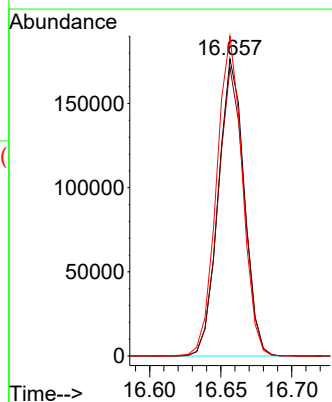
Tgt Ion:248 Resp: 222989

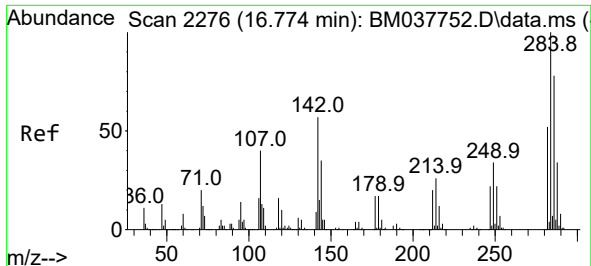
Ion Ratio Lower Upper

248 100

250 97.2 78.5 117.7

141 107.8 78.9 118.3

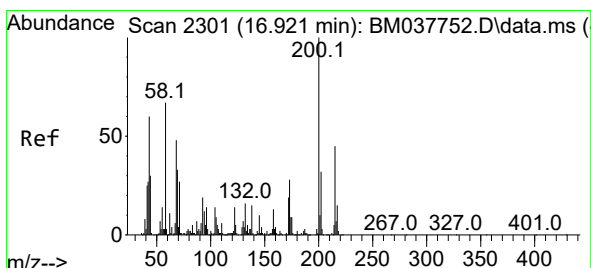
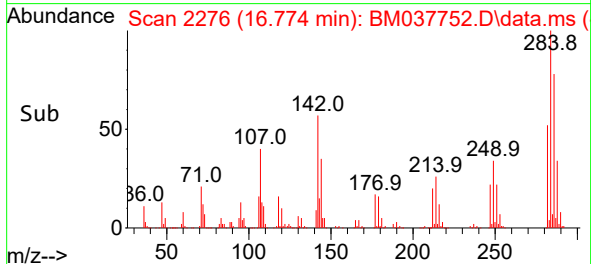
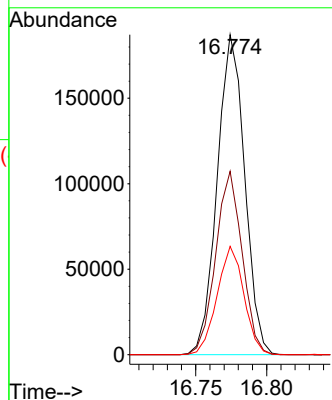
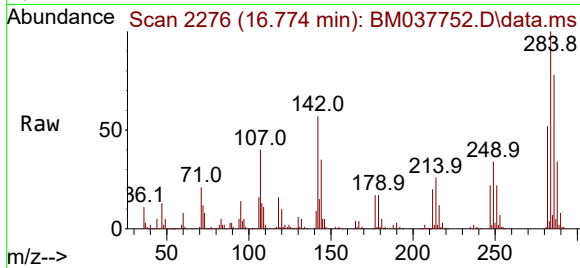




#69
Hexachlorobenzene
Concen: 21.339 ng/ul
RT: 16.774 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM037752.D
Acq: 28 Nov 2022 10:26

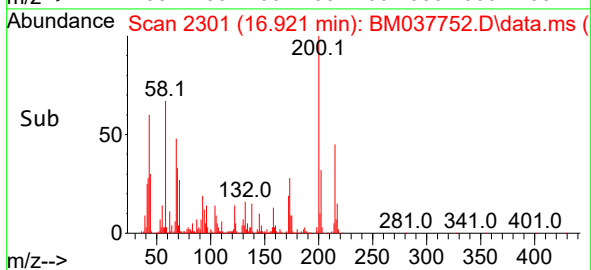
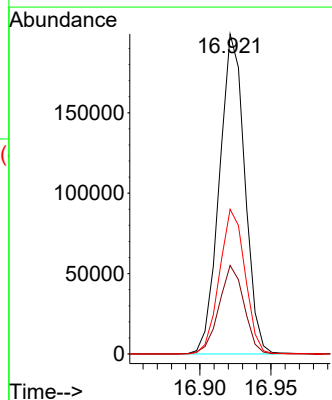
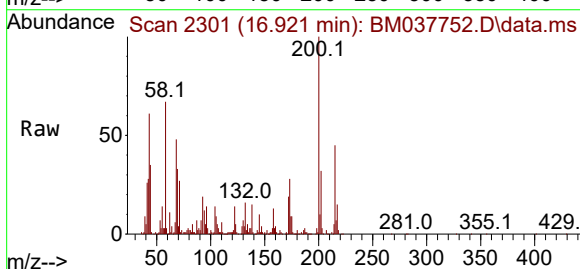
Instrument :
BNA_M
ClientSampleId :

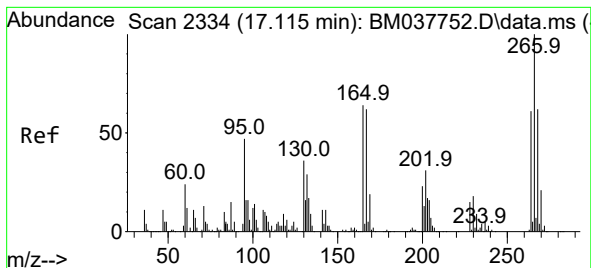
Tgt Ion:284 Resp: 252062
Ion Ratio Lower Upper
284 100
142 57.3 40.4 60.6
249 33.8 24.5 36.7



#70
Atrazine
Concen: 20.524 ng/ul
RT: 16.921 min Scan# 2301
Delta R.T. 0.000 min
Lab File: BM037752.D
Acq: 28 Nov 2022 10:26

Tgt Ion:200 Resp: 247510
Ion Ratio Lower Upper
200 100
173 27.6 22.6 34.0
215 45.2 36.6 55.0





#71

Pentachlorophenol

Concen: 19.457 ng/ul

RT: 17.115 min Scan# 21

Delta R.T. 0.000 min

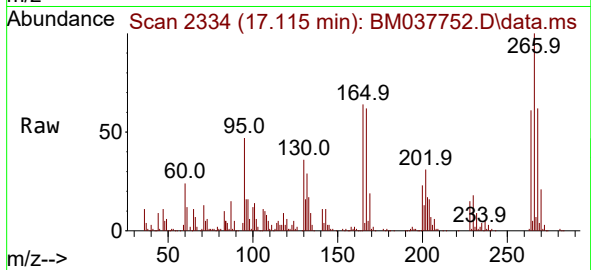
Lab File: BM037752.D

Acq: 28 Nov 2022 10:26

Instrument :

BNA_M

ClientSampleId :



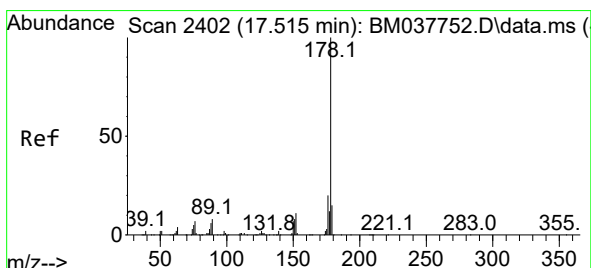
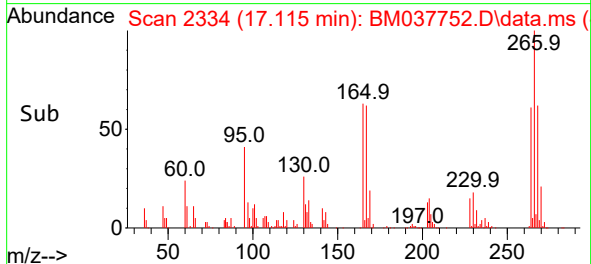
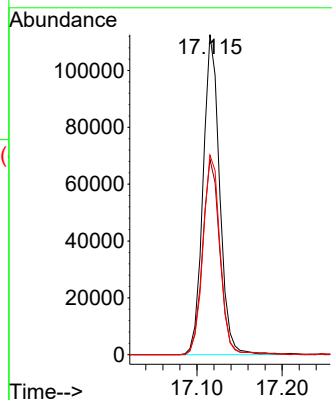
Tgt Ion:266 Resp: 152177

Ion Ratio Lower Upper

266 100

264 61.0 52.0 78.0

268 62.4 52.2 78.2



#72

Phenanthrene

Concen: 21.962 ng/ul

RT: 17.515 min Scan# 2402

Delta R.T. 0.000 min

Lab File: BM037752.D

Acq: 28 Nov 2022 10:26

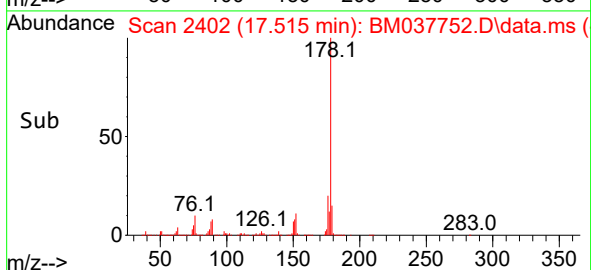
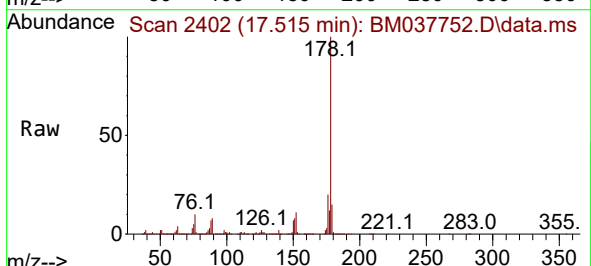
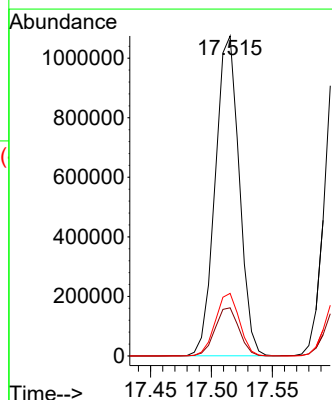
Tgt Ion:178 Resp: 1471080

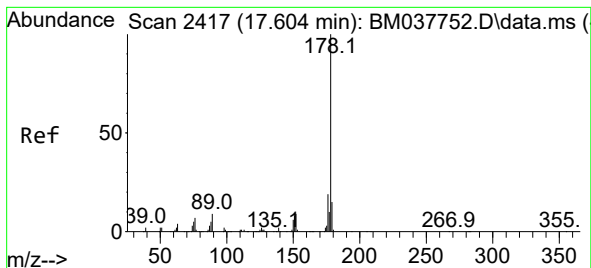
Ion Ratio Lower Upper

178 100

179 15.0 12.0 18.0

176 19.6 15.4 23.2





#74

Anthracene

Concen: 22.199 ng/uI

RT: 17.604 min Scan# 2417

Delta R.T. 0.000 min

Lab File: BM037752.D

Acq: 28 Nov 2022 10:26

Instrument :

BNA_M

ClientSampleId :

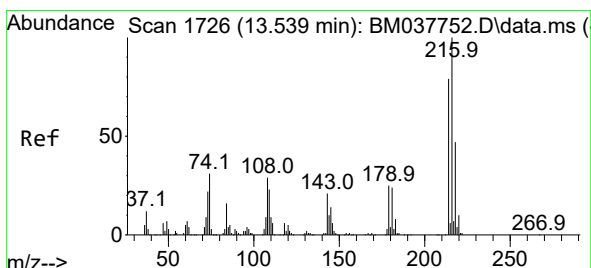
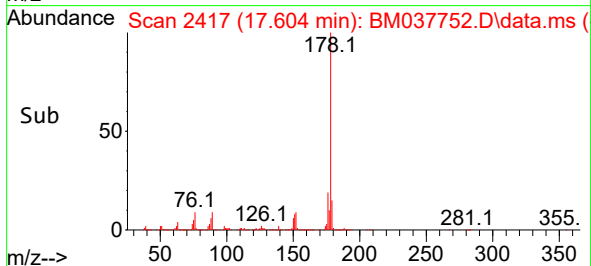
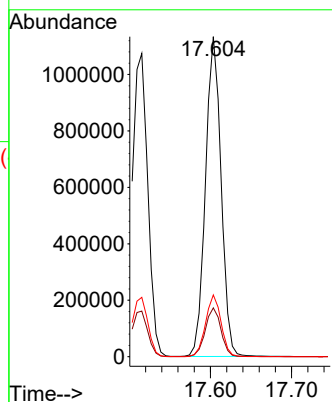
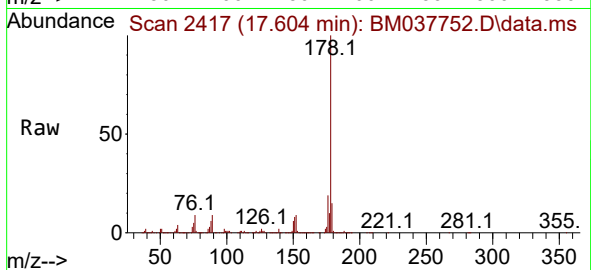
Tgt Ion:178 Resp: 1509630

Ion Ratio Lower Upper

178 100

179 15.3 12.6 18.8

176 19.3 15.0 22.4



#75

1,2,3,4-Tetrachlorobenzene

Concen: 20.579 ng/uI

RT: 13.539 min Scan# 1726

Delta R.T. 0.000 min

Lab File: BM037752.D

Acq: 28 Nov 2022 10:26

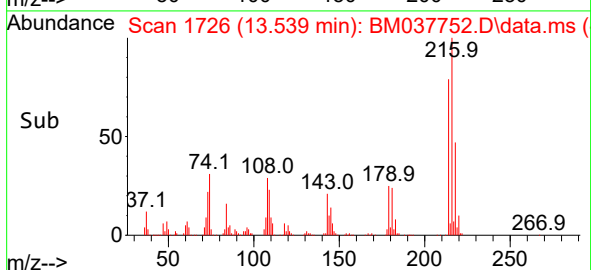
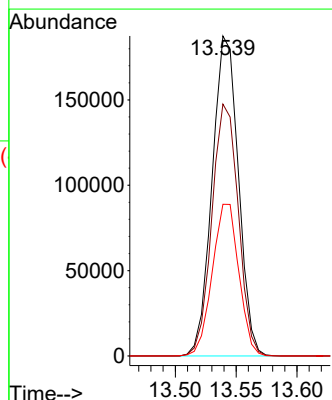
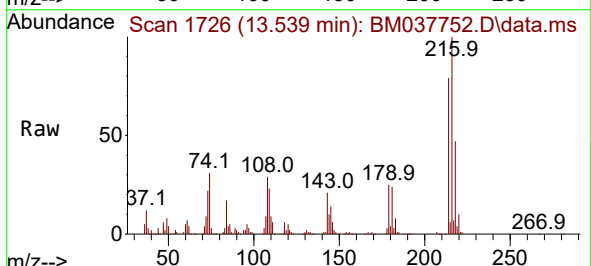
Tgt Ion:216 Resp: 281505

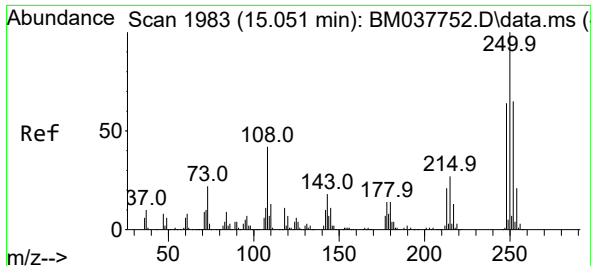
Ion Ratio Lower Upper

216 100

214 78.7 63.3 94.9

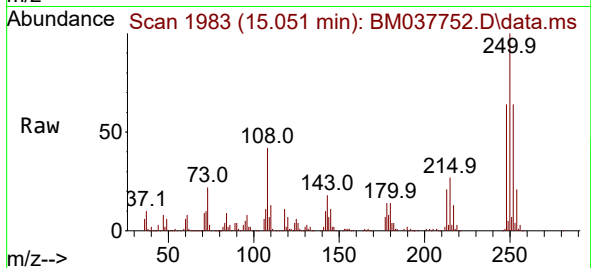
218 47.4 38.6 58.0



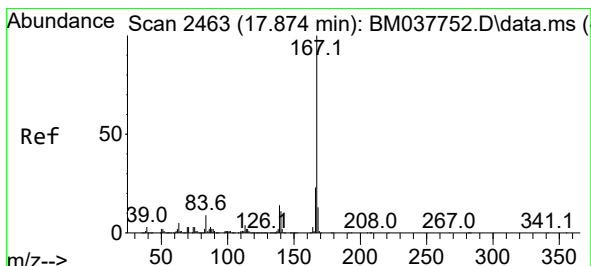
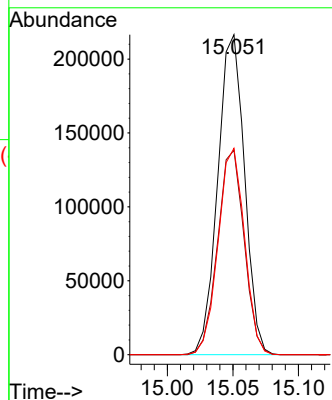
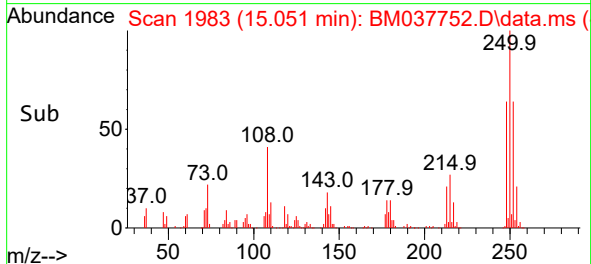


#76
 Pentachlorobenzene
 Concen: 21.152 ng/uL
 RT: 15.051 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: BM037752.D
 Acq: 28 Nov 2022 10:26

Instrument :
 BNA_M
 ClientSampleId :

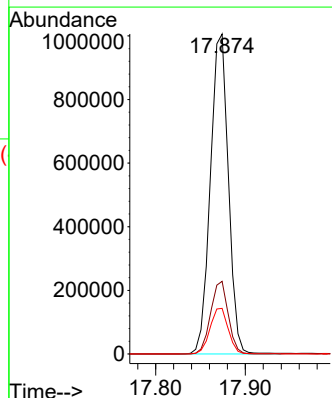
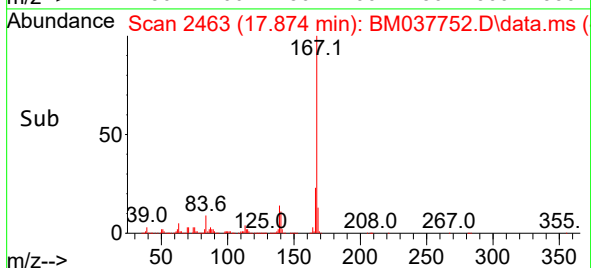
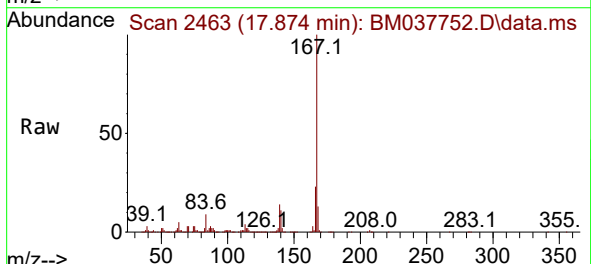


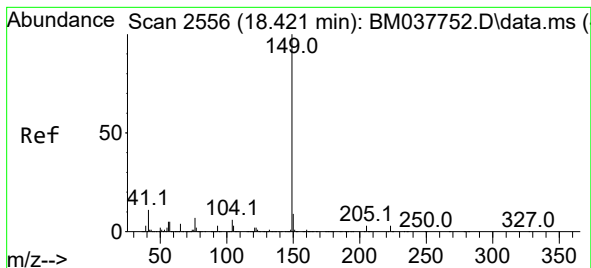
Tgt Ion:250 Resp: 307740
 Ion Ratio Lower Upper
 250 100
 248 63.9 50.1 75.1
 252 64.5 49.9 74.9



#77
 Carbazole
 Concen: 21.680 ng/uL
 RT: 17.874 min Scan# 2463
 Delta R.T. 0.000 min
 Lab File: BM037752.D
 Acq: 28 Nov 2022 10:26

Tgt Ion:167 Resp: 1401636
 Ion Ratio Lower Upper
 167 100
 166 22.7 17.5 26.3
 139 14.2 10.9 16.3





#78

Di-n-butylphthalate

Concen: 19.512 ng/ul

RT: 18.421 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM037752.D

Acq: 28 Nov 2022 10:26

Instrument :

BNA_M

ClientSampleId :

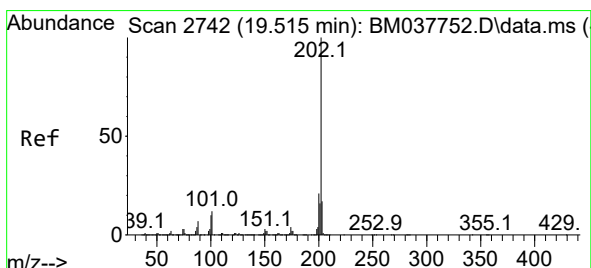
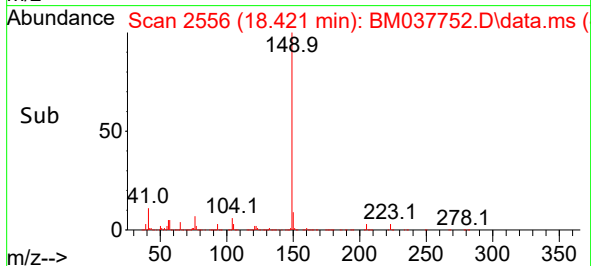
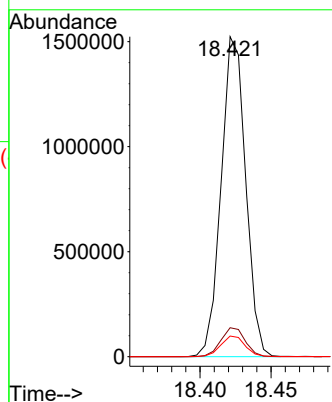
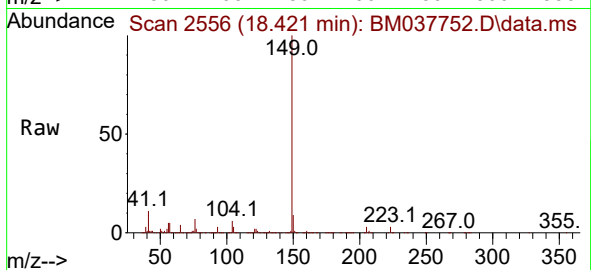
Tgt Ion:149 Resp: 1826043

Ion Ratio Lower Upper

149 100

150 9.0 7.4 11.0

104 6.5 4.4 6.6



#80

Fluoranthene

Concen: 23.032 ng/ul

RT: 19.515 min Scan# 2742

Delta R.T. 0.000 min

Lab File: BM037752.D

Acq: 28 Nov 2022 10:26

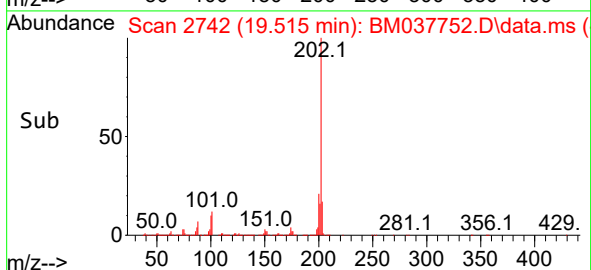
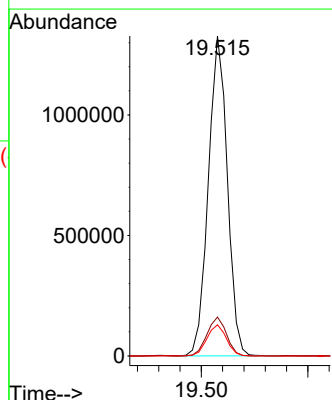
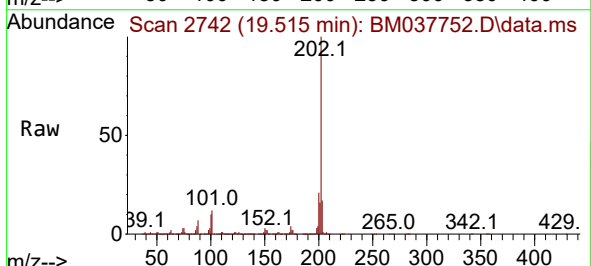
Tgt Ion:202 Resp: 1645256

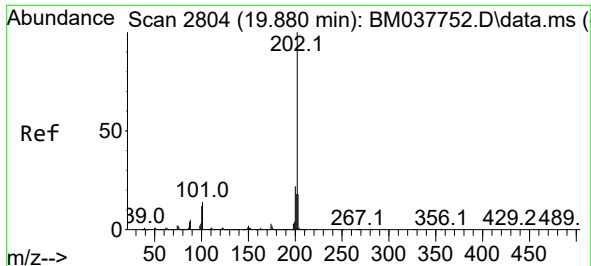
Ion Ratio Lower Upper

202 100

101 12.1 10.6 16.0

100 9.8 8.2 12.4

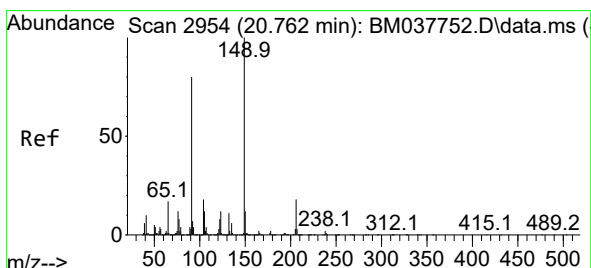
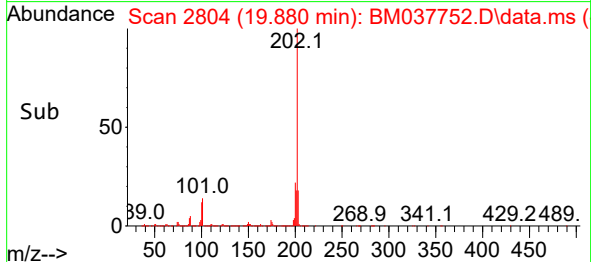
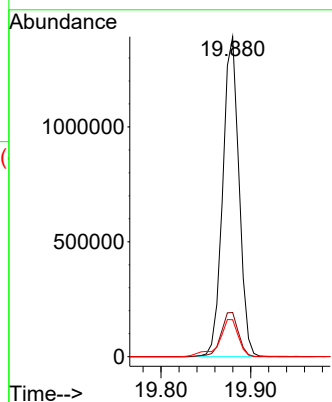
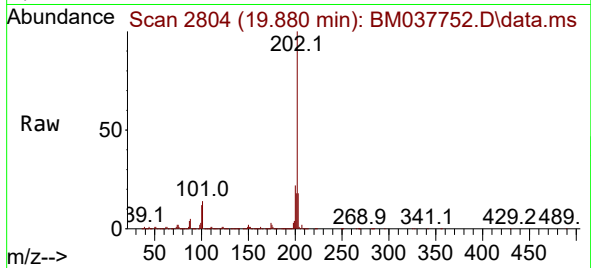




#82
 Pyrene
 Concen: 23.205 ng/ul
 RT: 19.880 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BM037752.D
 Acq: 28 Nov 2022 10:26

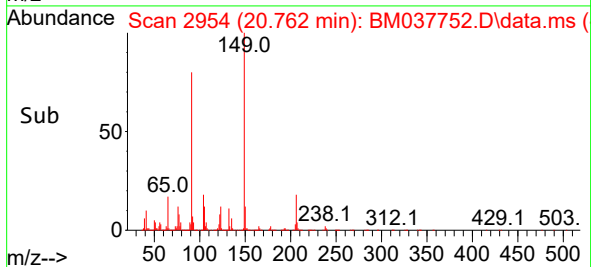
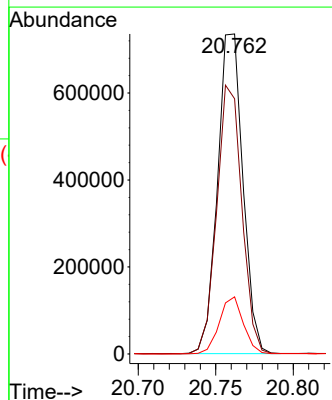
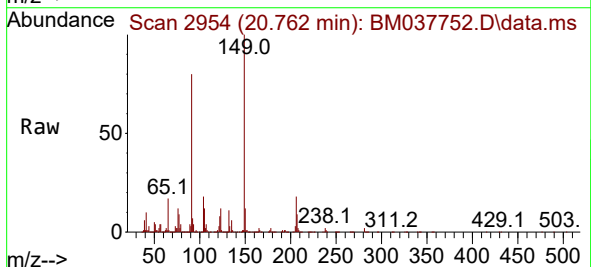
Instrument :
 BNA_M
 ClientSampleId :

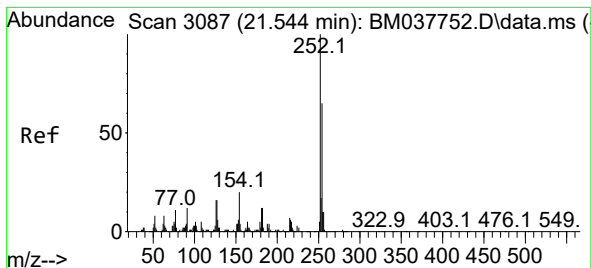
Tgt Ion:202 Resp: 1750822
 Ion Ratio Lower Upper
 202 100
 101 13.8 12.2 18.4
 100 11.6 10.2 15.2



#83
 Butylbenzylphthalate
 Concen: 23.858 ng/ul
 RT: 20.762 min Scan# 2954
 Delta R.T. 0.000 min
 Lab File: BM037752.D
 Acq: 28 Nov 2022 10:26

Tgt Ion:149 Resp: 838548
 Ion Ratio Lower Upper
 149 100
 91 79.7 65.9 98.9
 206 17.9 13.4 20.2





#84

3,3'-Dichlorobenzidine

Concen: 20.209 ng/ul

RT: 21.544 min Scan# 3087

Delta R.T. 0.000 min

Lab File: BM037752.D

Acq: 28 Nov 2022 10:26

Instrument :

BNA_M

ClientSampleId :

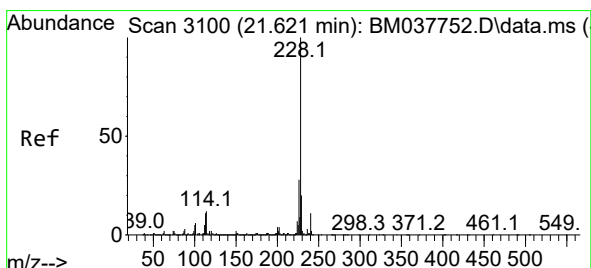
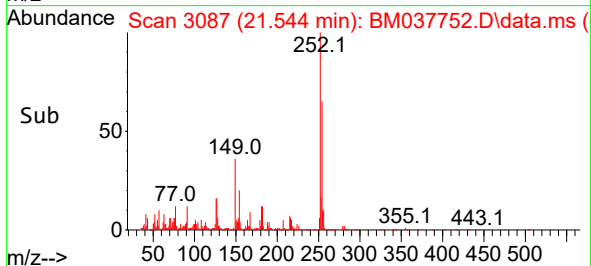
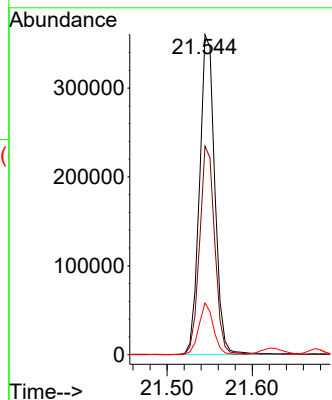
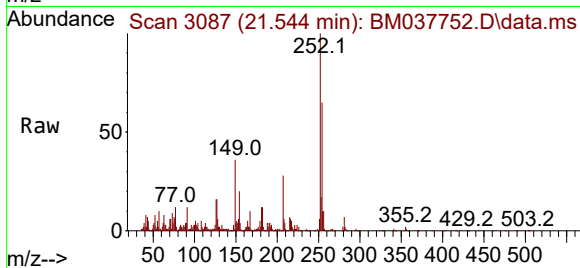
Tgt Ion:252 Resp: 446624

Ion Ratio Lower Upper

252 100

254 65.1 51.0 76.4

126 16.1 12.2 18.4



#85

Benzo(a)anthracene

Concen: 21.634 ng/ul

RT: 21.621 min Scan# 3100

Delta R.T. 0.000 min

Lab File: BM037752.D

Acq: 28 Nov 2022 10:26

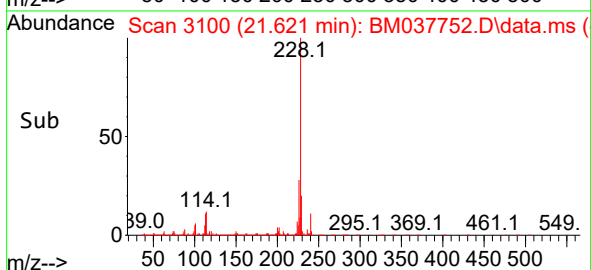
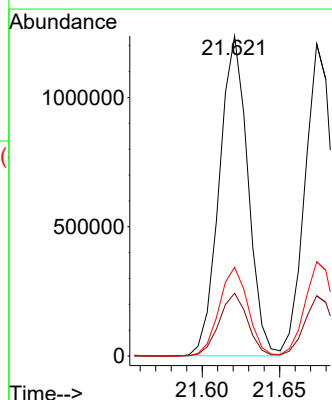
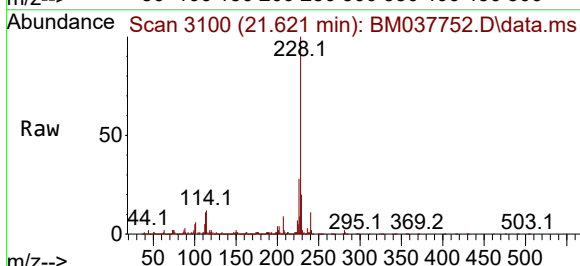
Tgt Ion:228 Resp: 1592622

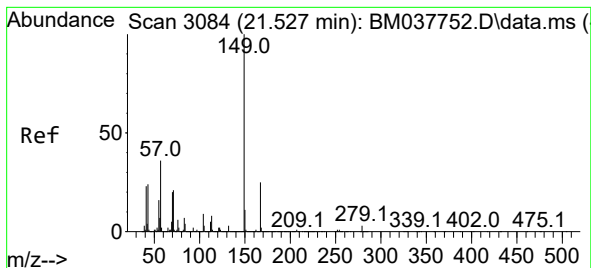
Ion Ratio Lower Upper

228 100

229 19.6 15.6 23.4

226 27.7 22.2 33.2

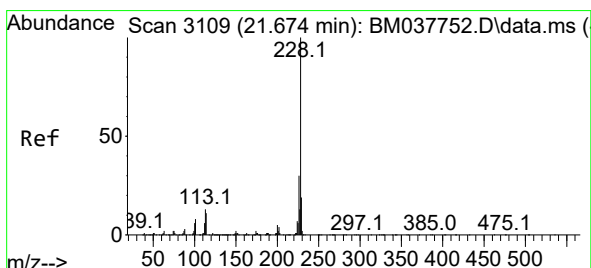
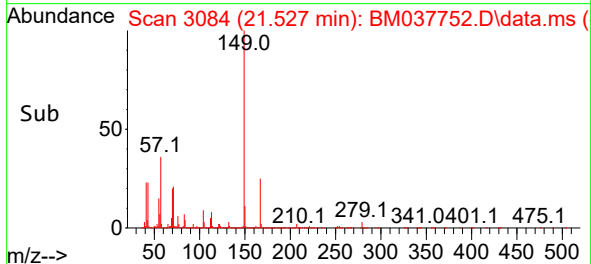
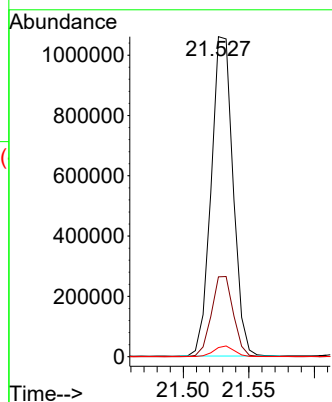
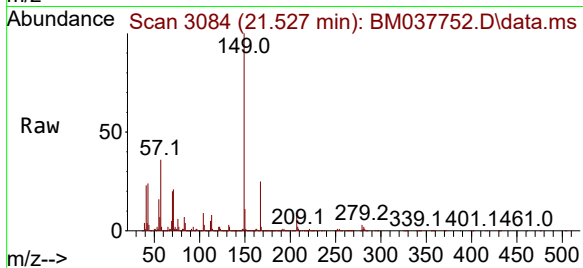




#86
 Bis(2-ethylhexyl)phthalate
 Concen: 23.142 ng/ul
 RT: 21.527 min Scan# 3084
 Delta R.T. 0.000 min
 Lab File: BM037752.D
 Acq: 28 Nov 2022 10:26

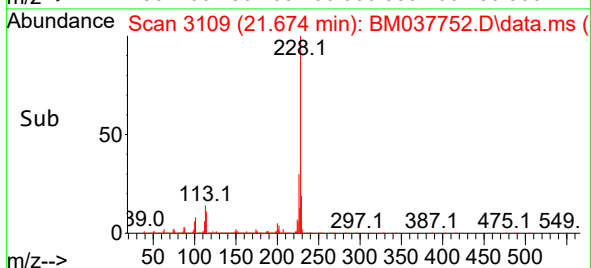
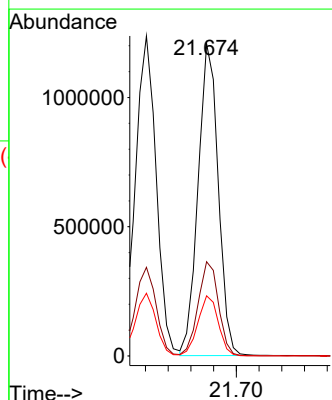
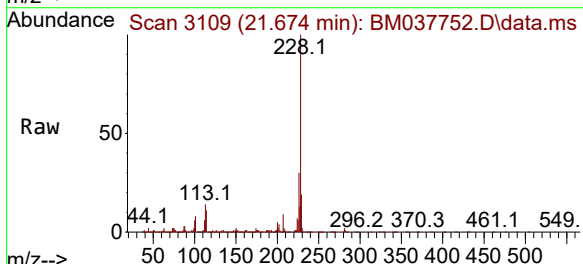
Instrument :
 BNA_M
 ClientSampleId :

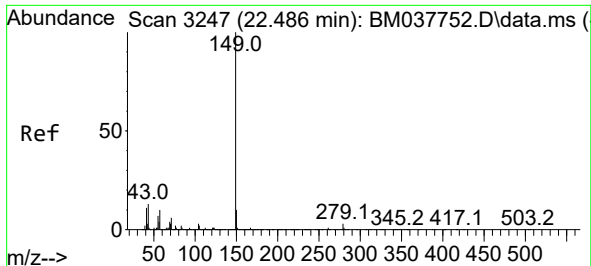
Tgt Ion:149 Resp: 1228929
 Ion Ratio Lower Upper
 149 100
 167 25.0 20.2 30.4
 279 2.8 2.2 3.4



#87
 Chrysene
 Concen: 21.491 ng/ul
 RT: 21.674 min Scan# 3109
 Delta R.T. 0.000 min
 Lab File: BM037752.D
 Acq: 28 Nov 2022 10:26

Tgt Ion:228 Resp: 1488809
 Ion Ratio Lower Upper
 228 100
 226 30.2 24.2 36.4
 229 19.3 16.1 24.1

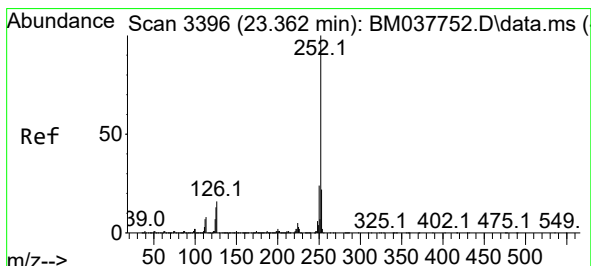
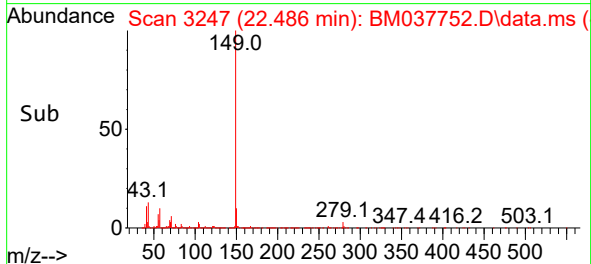
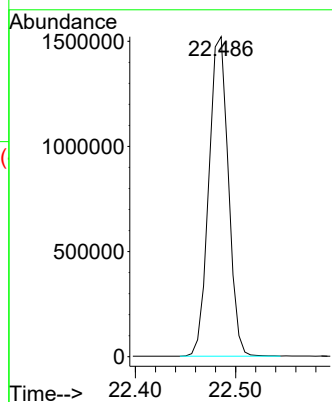
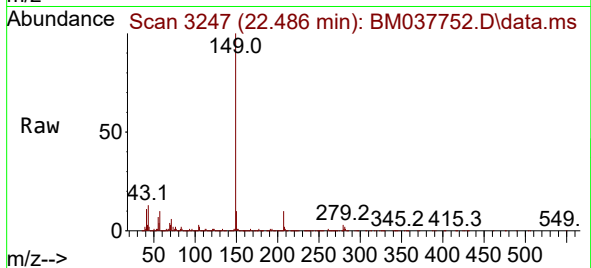




#89
Di-n-octyl phthalate
Concen: 25.338 ng/ul
RT: 22.486 min Scan# 3247
Delta R.T. 0.000 min
Lab File: BM037752.D
Acq: 28 Nov 2022 10:26

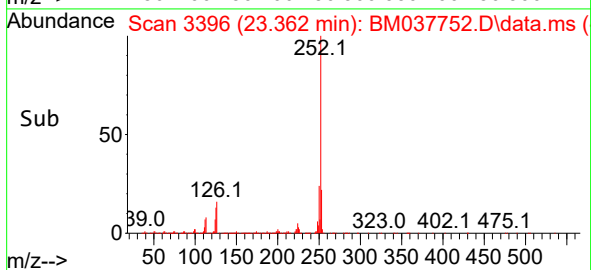
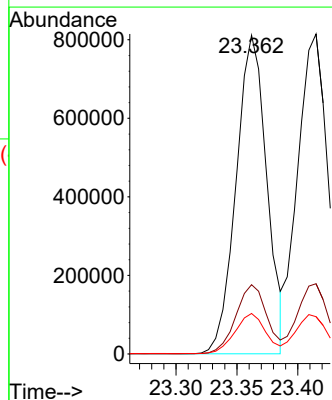
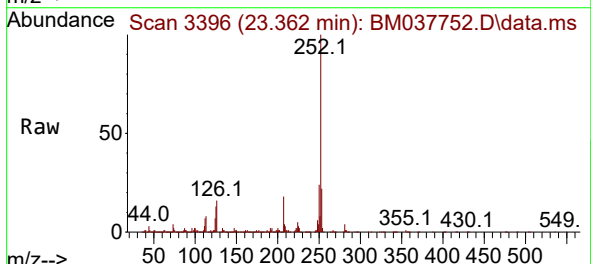
Instrument :
BNA_M
ClientSampleId :

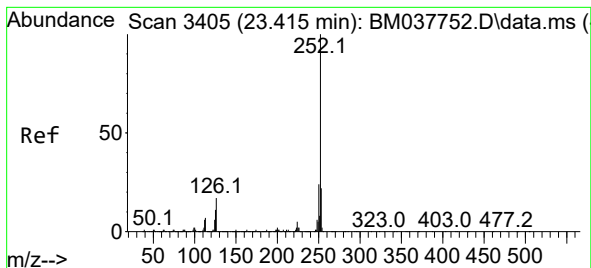
Tgt Ion:149 Resp: 2058161



#90
Benzo(b)fluoranthene
Concen: 22.014 ng/ul
RT: 23.362 min Scan# 3396
Delta R.T. 0.000 min
Lab File: BM037752.D
Acq: 28 Nov 2022 10:26

Tgt Ion:252 Resp: 1423019
Ion Ratio Lower Upper
252 100
253 21.7 17.8 26.6
125 12.7 11.0 16.4





#91

Benzo(k)fluoranthene

Concen: 22.434 ng/ul

RT: 23.415 min Scan# 3405

Delta R.T. 0.000 min

Lab File: BM037752.D

Acq: 28 Nov 2022 10:26

Instrument :

BNA_M

ClientSampleId :

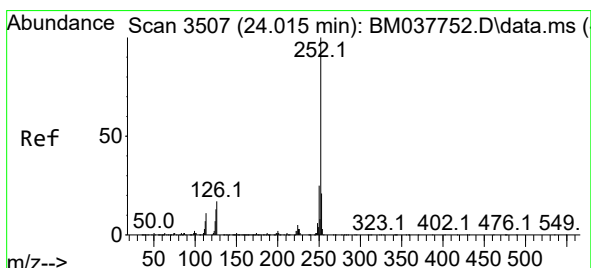
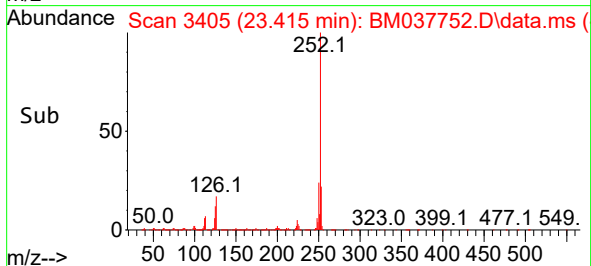
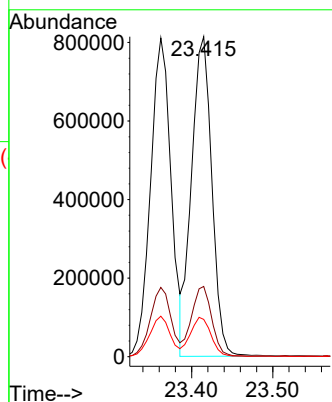
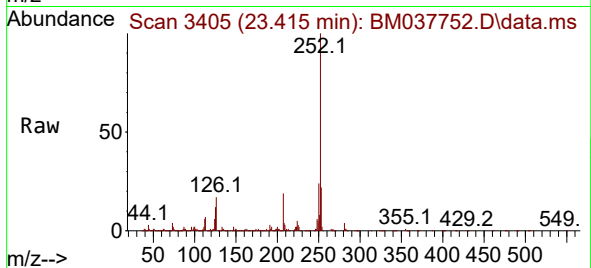
Tgt Ion:252 Resp: 1414229

Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

125 11.6 10.6 16.0



#93

Benzo(a)pyrene

Concen: 21.539 ng/ul

RT: 24.015 min Scan# 3507

Delta R.T. 0.000 min

Lab File: BM037752.D

Acq: 28 Nov 2022 10:26

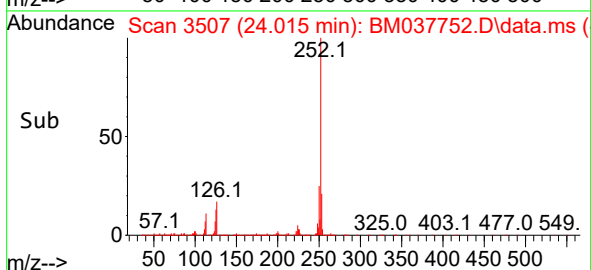
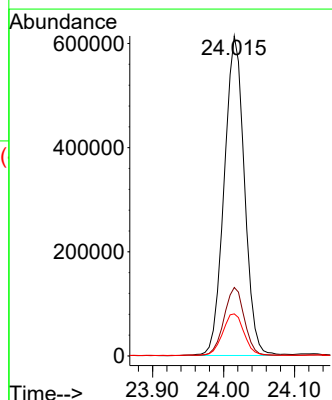
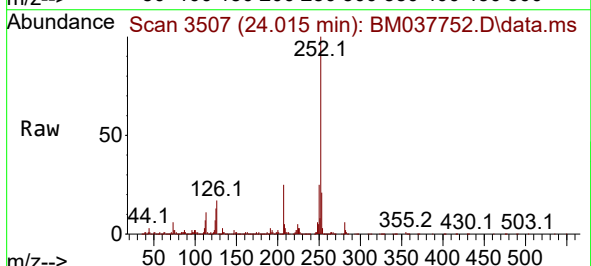
Tgt Ion:252 Resp: 1210138

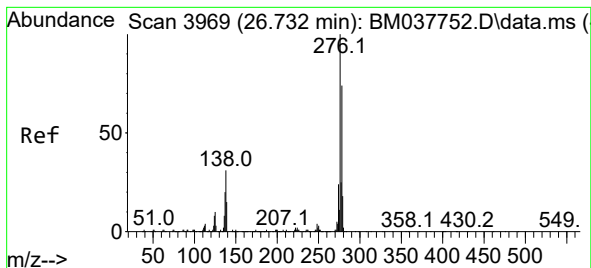
Ion Ratio Lower Upper

252 100

253 21.4 17.3 25.9

125 13.2 12.0 18.0





#94

Indeno(1,2,3-cd)pyrene

Concen: 18.720 ng/ul

RT: 26.732 min Scan# 3969

Delta R.T. 0.000 min

Lab File: BM037752.D

Acq: 28 Nov 2022 10:26

Instrument :

BNA_M

ClientSampleId :

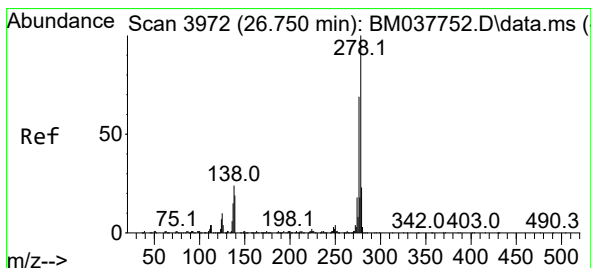
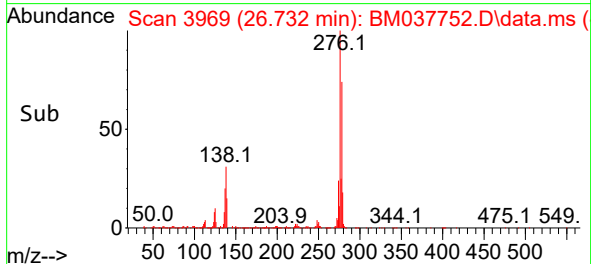
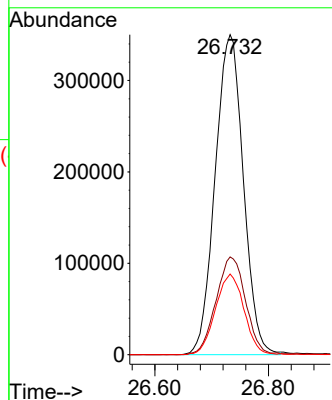
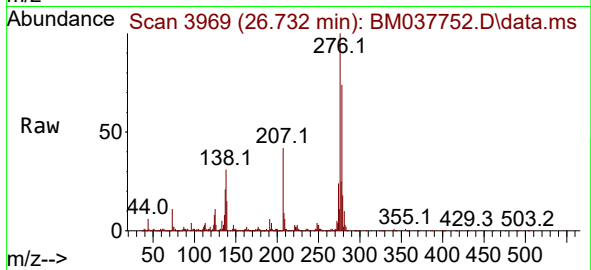
Tgt Ion:276 Resp: 1206626

Ion Ratio Lower Upper

276 100

138 30.6 26.9 40.3

277 25.2 19.9 29.9



#95

Dibenzo(a,h)anthracene

Concen: 18.520 ng/ul

RT: 26.750 min Scan# 3972

Delta R.T. 0.000 min

Lab File: BM037752.D

Acq: 28 Nov 2022 10:26

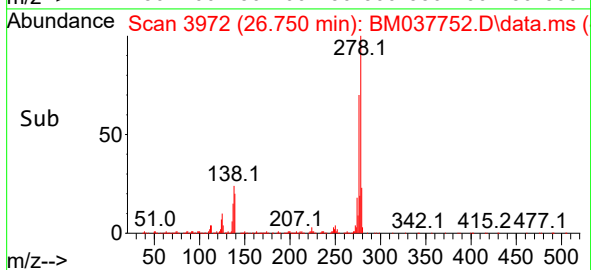
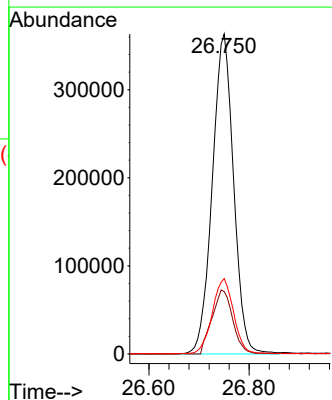
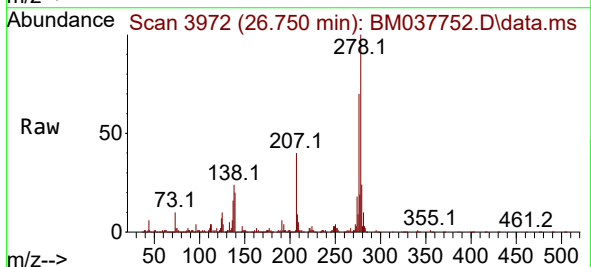
Tgt Ion:278 Resp: 1071750

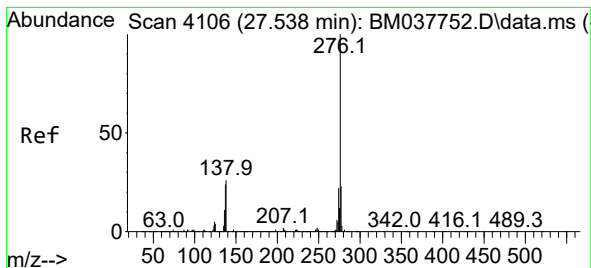
Ion Ratio Lower Upper

278 100

139 19.5 16.6 25.0

279 23.6 19.3 28.9





#96

Benzo(g,h,i)perylene

Concen: 18.628 ng/ul

RT: 27.538 min Scan# 41

Delta R.T. 0.000 min

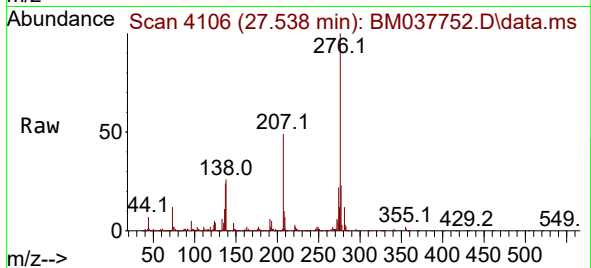
Lab File: BM037752.D

Acq: 28 Nov 2022 10:26

Instrument :

BNA_M

ClientSampleId :



Tgt Ion:276 Resp: 1045560

Ion Ratio Lower Upper

276 100

138 26.2 23.4 35.2

277 23.4 19.1 28.7

