

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112822\
 Data File : BM037756.D
 Acq On : 28 Nov 2022 12:54
 Operator : CG/JU
 Sample : N5658-03MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Nov 28 22:28:03 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	209171	20.000	ng/u1	0.00
20) Naphthalene-d8	10.933	136	1017532	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.733	164	651198	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.468	188	1332301	20.000	ng/u1	0.00
79) Chrysene-d12	21.639	240	1153097	20.000	ng/u1	0.00
88) Perylene-d12	24.127	264	920890	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.434	96	24572	4.872	ng/uL	0.00
4) Pyridine-d5	3.881	84	64333	3.919	ng/u1	0.01
7) Phenol-d5	7.257	99	570657	27.346	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.428	67	377456	27.115	ng/u1	0.00
11) 2-Chlorophenol-d4	7.634	132	419993	28.964	ng/u1	0.00
15) 4-Methylphenol-d8	8.822	113	454957	27.397	ng/u1	0.00
21) Nitrobenzene-d5	9.281	128	232887	29.195	ng/u1	0.00
24) 2-Nitrophenol-d4	10.004	143	236091	30.037	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.545	165	427400	29.713	ng/u1	0.00
31) 4-Chloroaniline-d4	11.063	131	394488	16.527	ng/u1	0.00
46) Dimethylphthalate-d6	14.139	166	1368984	29.679	ng/u1	0.00
49) Acenaphthylene-d8	14.433	160	1605858	29.496	ng/u1	0.00
54) 4-Nitrophenol-d4	14.921	143	272374	26.808	ng/u1	0.00
60) Fluorene-d10	15.721	176	1203069	29.781	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.833	200	193565	27.008	ng/u1	0.00
73) Anthracene-d10	17.568	188	1874197	30.082	ng/u1	0.00
81) Pyrene-d10	19.850	212	2058103	35.123	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.962	264	1485263	31.334	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.469	88	56421	10.175	ng/uL	93
5) Pyridine	3.899	79	156910	9.399	ng/u1	96
6) Benzaldehyde	7.240	77	377722	34.486	ng/u1	97
8) Phenol	7.287	94	626365	28.635	ng/u1	91
10) Bis(2-Chloroethyl)ether	7.522	93	484912	27.345	ng/u1	99
12) 2-Chlorophenol	7.669	128	472666	29.839	ng/u1	99
13) 2-Methylphenol	8.551	108	467328	28.005	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.639	45	878265	27.419	ng/u1	100
16) Acetophenone	8.939	105	795340	29.094	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.928	70	453149	28.283	ng/u1	95
18) 4-Methylphenol	8.886	108	520674	28.242	ng/u1	94
19) Hexachloroethane	9.204	117	209554	30.587	ng/u1	93
22) Nitrobenzene	9.322	77	665166	30.581	ng/u1	97
23) Isophorone	9.857	82	1248710	28.485	ng/u1	99
25) 2-Nitrophenol	10.039	139	274546	30.882	ng/u1	92
26) 2,4-Dimethylphenol	10.092	107	536494	27.479	ng/u1	96
27) Bis(2-Chloroethoxy)met...	10.333	93	699173	27.803	ng/u1	99
29) 2,4-Dichlorophenol	10.575	162	449140	30.522	ng/u1	99
30) Naphthalene	10.980	128	1640352	29.483	ng/u1	100
32) 4-Chloroaniline	11.092	127	606958	24.401	ng/u1	100
33) Hexachlorobutadiene	11.263	225	252391	32.672	ng/u1	99
34) Caprolactam	11.875	113	109762	17.910	ng/u1	97
35) 4-Chloro-3-methylphenol	12.198	107	567066	30.146	ng/u1	97
36) 2-Methylnaphthalene	12.580	142	1127682	29.178	ng/u1	99

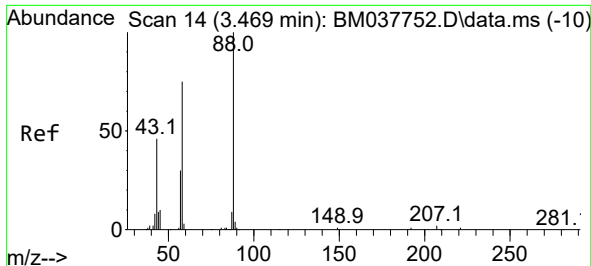
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.798	142	1146362	29.483	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.939	216	495803	31.007	ng/ul	96
40) Hexachlorocyclopentadiene	12.922	237	267344	26.849	ng/ul	99
41) 2,4,6-Trichlorophenol	13.174	196	349746	30.376	ng/ul	99
42) 2,4,5-Trichlorophenol	13.245	196	380070	30.851	ng/ul	99
43) 1,1'-Biphenyl	13.574	154	1468921	29.705	ng/ul	98
44) 2-Chloronaphthalene	13.621	162	1132186	29.457	ng/ul	98
45) 2-Nitroaniline	13.821	65	466378	32.005	ng/ul	96
47) Dimethylphthalate	14.186	163	1472029	30.023	ng/ul	100
48) 2,6-Dinitrotoluene	14.310	165	304173	32.128	ng/ul	93
50) Acenaphthylene	14.463	152	1846683	30.007	ng/ul	100
51) 3-Nitroaniline	14.639	138	337855	29.409	ng/ul	97
52) Acenaphthene	14.798	153	1310037	29.765	ng/ul	100
53) 2,4-Dinitrophenol	14.839	184	148623	26.756	ng/ul	97
55) 4-Nitrophenol	14.939	109	294680	32.365	ng/ul	85
56) Dibenzofuran	15.133	168	1715602	29.865	ng/ul	94
57) 2,4-Dinitrotoluene	15.092	165	442454	31.849	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.351	232	316333	31.296	ng/ul	98
59) Diethylphthalate	15.545	149	1635074	30.898	ng/ul	99
61) Fluorene	15.774	166	1487542	29.893	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.768	204	673283	31.016	ng/ul	99
63) 4-Nitroaniline	15.798	138	354811	32.496	ng/ul	88
66) 4,6-Dinitro-2-methylph...	15.851	198	227309	29.884	ng/ul#	98
67) N-Nitrosodiphenylamine	15.980	169	1269577	30.669	ng/ul	98
68) 4-Bromophenyl-phenylether	16.657	248	366100	34.163	ng/ul	97
69) Hexachlorobenzene	16.774	284	412984	30.007	ng/ul	92
70) Atrazine	16.927	200	427979	30.459	ng/ul	98
71) Pentachlorophenol	17.115	266	235939	25.891	ng/ul	98
72) Phenanthrene	17.515	178	2384955	30.559	ng/ul	99
74) Anthracene	17.604	178	2402564	30.323	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.545	216	494173	31.006	ng/ul	99
76) Pentachlorobenzene	15.051	250	474765	28.007	ng/ul	99
77) Carbazole	17.874	167	2223453	29.517	ng/ul	99
78) Di-n-butylphthalate	18.427	149	3014951	27.649	ng/ul	99
80) Fluoranthene	19.515	202	2655888	35.481	ng/ul	98
82) Pyrene	19.880	202	2784717	35.221	ng/ul	97
83) Butylbenzylphthalate	20.762	149	1348001	36.600	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.544	252	572104	24.704	ng/ul	99
85) Benzo(a)anthracene	21.621	228	2438111	31.606	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.527	149	1928152	34.650	ng/ul	100
87) Chrysene	21.674	228	2262317	31.164	ng/ul	99
89) Di-n-octyl phthalate	22.480	149	3072750	39.061	ng/ul	100
90) Benzo(b)fluoranthene	23.362	252	2037960	32.553	ng/ul	98
91) Benzo(k)fluoranthene	23.415	252	2054505	33.652	ng/ul	98
93) Benzo(a)pyrene	24.015	252	1728694	31.771	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.738	276	1731364	27.736	ng/ul	96
95) Dibenzo(a,h)anthracene	26.750	278	1506178	26.874	ng/ul	97
96) Benzo(g,h,i)perylene	27.538	276	1272088	23.402	ng/ul	97

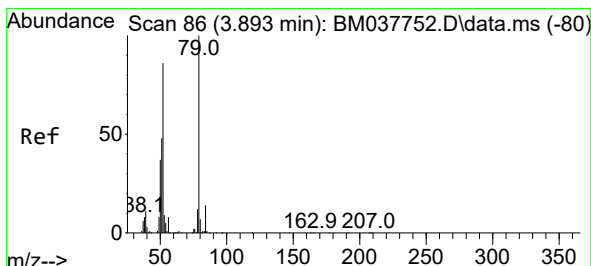
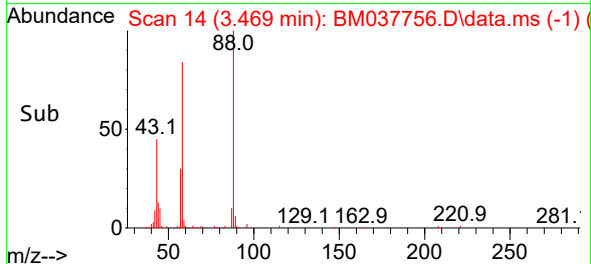
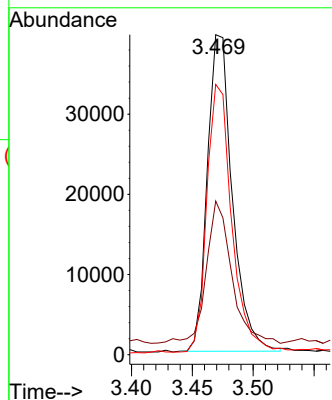
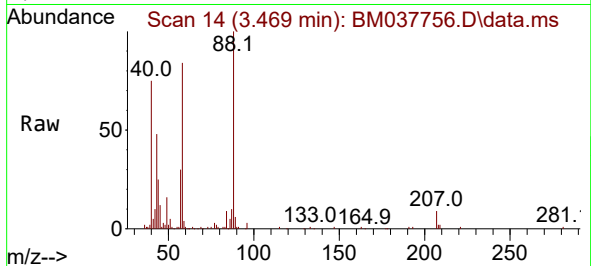
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#2
1,4-Dioxane
Concen: 10.175 ng/uL
RT: 3.469 min Scan# 14
Delta R.T. 0.000 min
Lab File: BM037756.D
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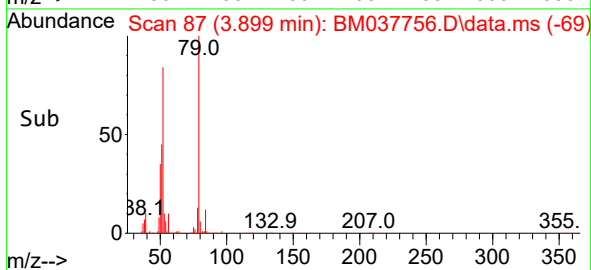
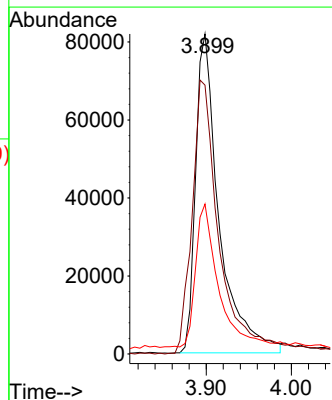
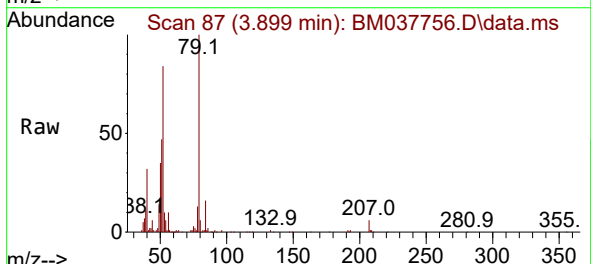
Instrument :
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ClientSampleId :

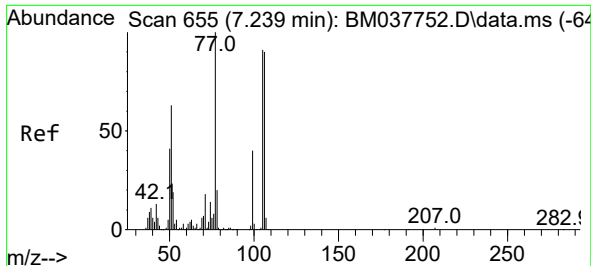
Tgt Ion: 88 Resp: 56421
Ion Ratio Lower Upper
88 100
43 48.0 42.8 64.2
58 84.5 62.6 94.0



#5
Pyridine
Concen: 9.399 ng/uL
RT: 3.899 min Scan# 87
Delta R.T. 0.006 min
Lab File: BM037756.D
Acq: 28 Nov 2022 12:54

Tgt Ion: 79 Resp: 156910
Ion Ratio Lower Upper
79 100
52 84.0 68.2 102.4
51 46.9 32.4 48.6

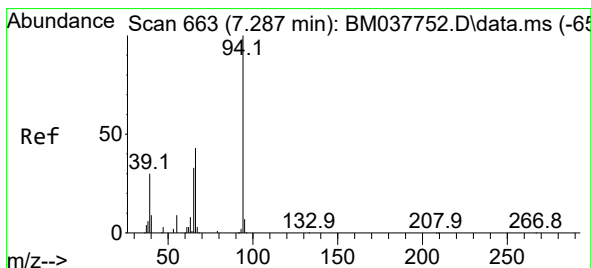
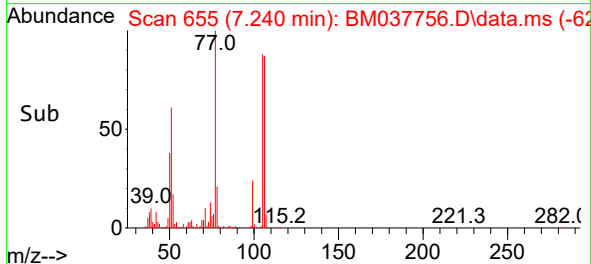
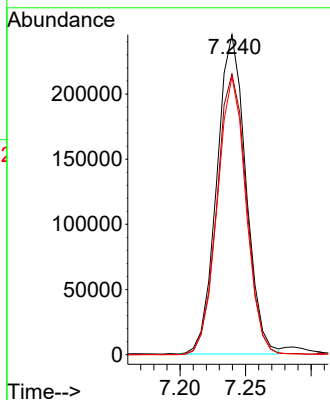
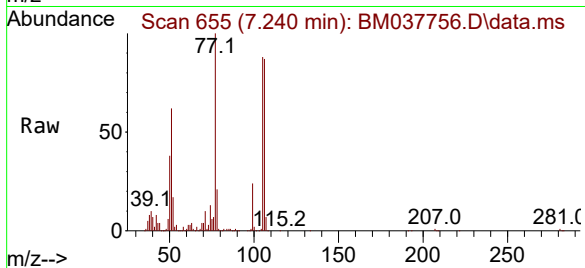




#6
Benzaldehyde
Concen: 34.486 ng/ul
RT: 7.240 min Scan# 611
Delta R.T. 0.000 min
Lab File: BM037756.D
Acq: 28 Nov 2022 12:54

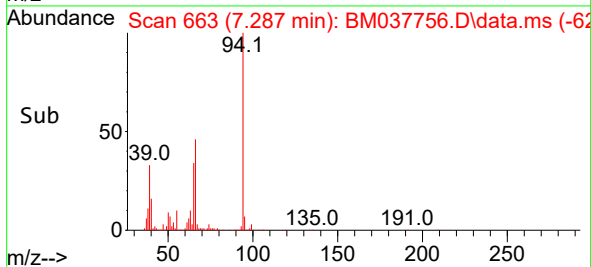
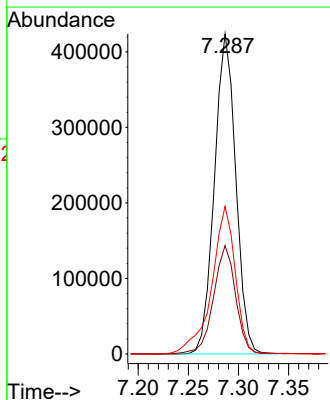
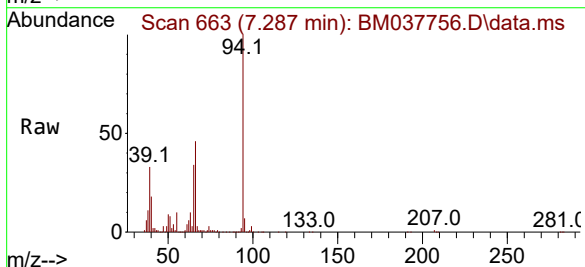
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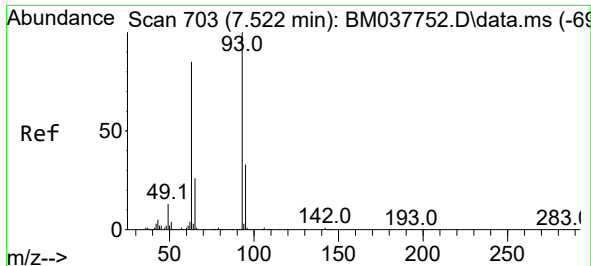
Tgt Ion: 77 Resp: 377722
Ion Ratio Lower Upper
77 100
105 87.7 73.4 110.0
106 86.8 70.2 105.2



#8
Phenol
Concen: 28.635 ng/ul
RT: 7.287 min Scan# 663
Delta R.T. 0.000 min
Lab File: BM037756.D
Acq: 28 Nov 2022 12:54

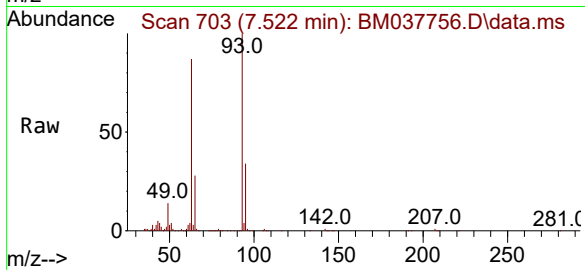
Tgt Ion: 94 Resp: 626365
Ion Ratio Lower Upper
94 100
65 33.8 25.0 37.4
66 46.1 31.0 46.6



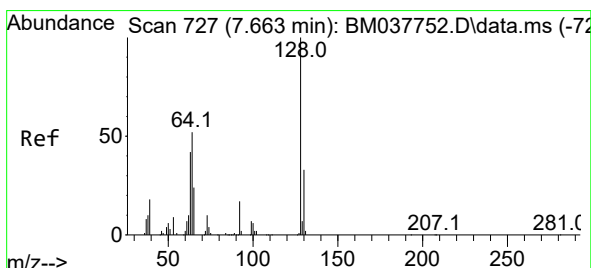
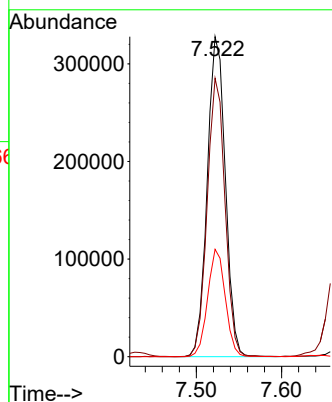
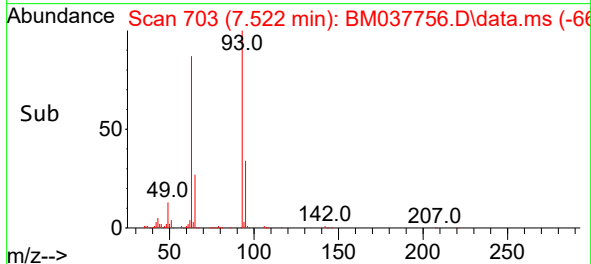


#10
Bis(2-Chloroethyl)ether
Concen: 27.345 ng/ul
RT: 7.522 min Scan# 703
Delta R.T. 0.000 min
Lab File: BM037756.D
Acq: 28 Nov 2022 12:54

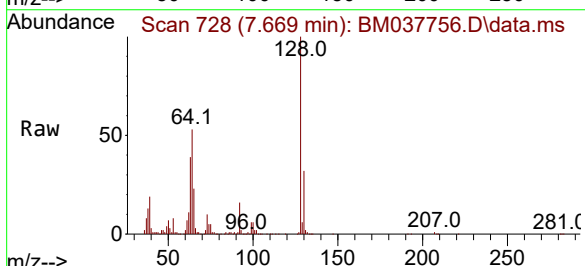
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ClientSampleId :



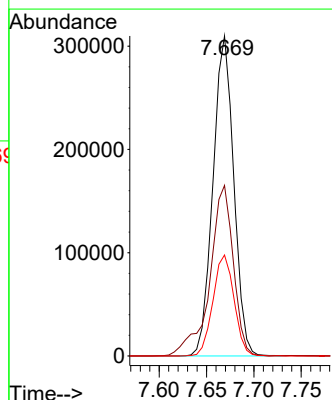
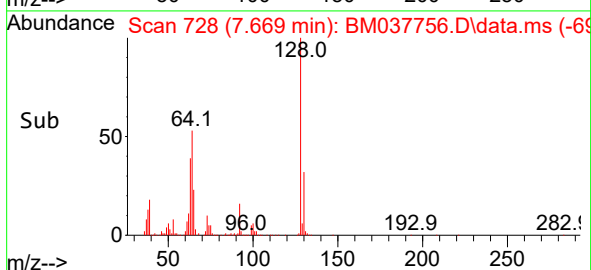
Tgt Ion: 93 Resp: 484912
Ion Ratio Lower Upper
93 100
63 87.0 68.6 103.0
95 33.6 27.1 40.7

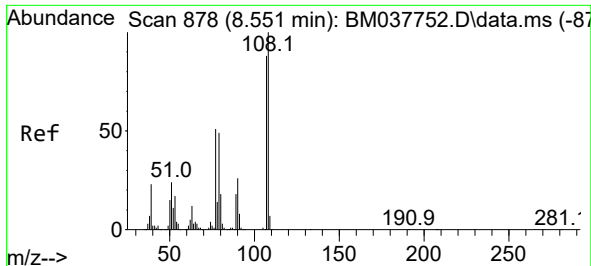


#12
2-Chlorophenol
Concen: 29.839 ng/ul
RT: 7.669 min Scan# 728
Delta R.T. 0.006 min
Lab File: BM037756.D
Acq: 28 Nov 2022 12:54



Tgt Ion:128 Resp: 472666
Ion Ratio Lower Upper
128 100
64 53.3 42.2 63.4
130 31.5 26.1 39.1





#13

2-Methylphenol

Concen: 28.005 ng/ul

RT: 8.551 min Scan# 81

Delta R.T. 0.000 min

Lab File: BM037756.D

Acq: 28 Nov 2022 12:54

Instrument :

BNA_M

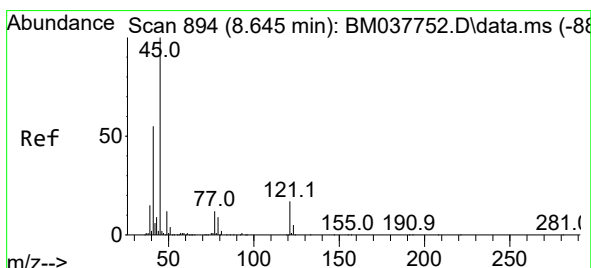
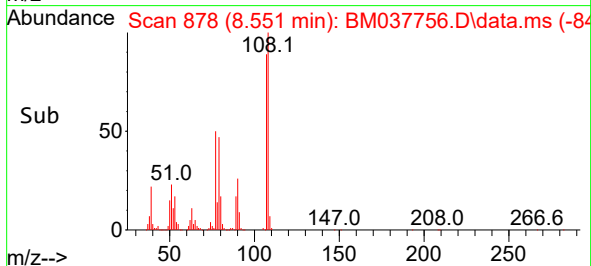
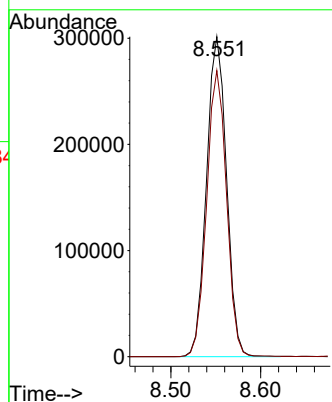
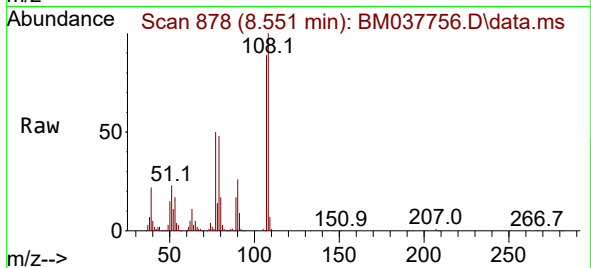
ClientSampleId :

Tgt Ion:108 Resp: 467328

Ion Ratio Lower Upper

108 100

107 89.4 70.6 106.0



#14

2,2'-oxybis(1-Chloropropane)

Concen: 27.419 ng/ul

RT: 8.639 min Scan# 893

Delta R.T. -0.006 min

Lab File: BM037756.D

Acq: 28 Nov 2022 12:54

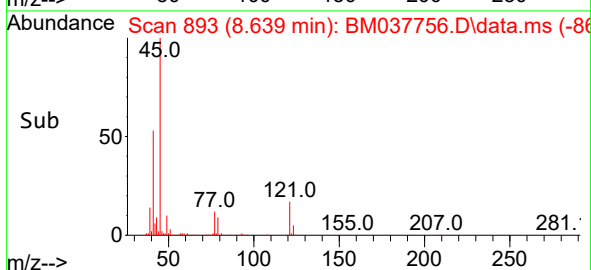
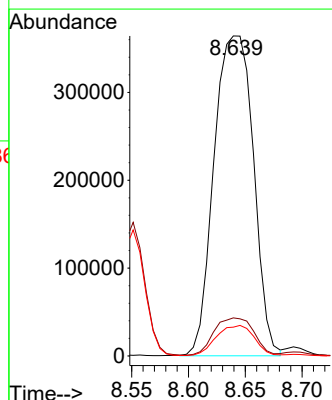
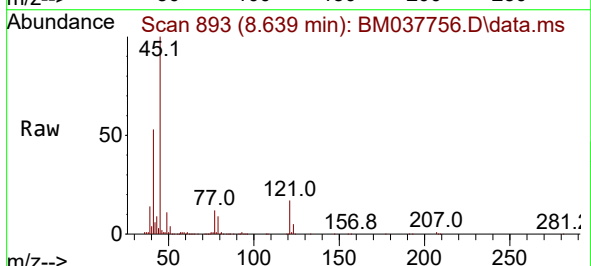
Tgt Ion: 45 Resp: 878265

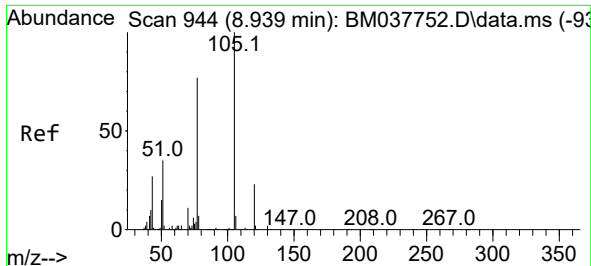
Ion Ratio Lower Upper

45 100

77 11.9 9.4 14.0

79 9.0 7.3 10.9

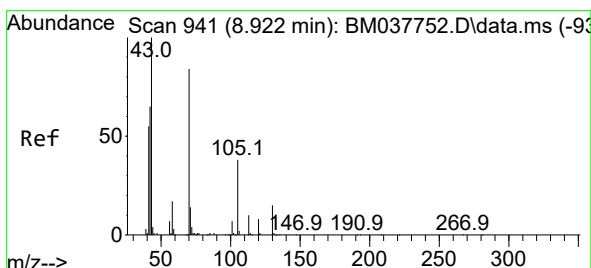
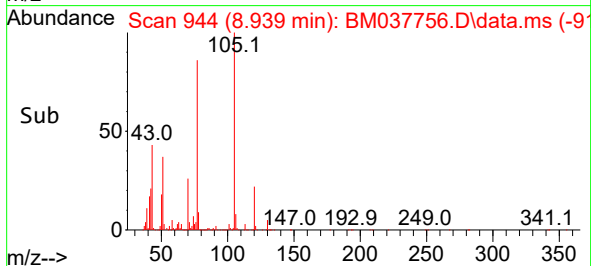
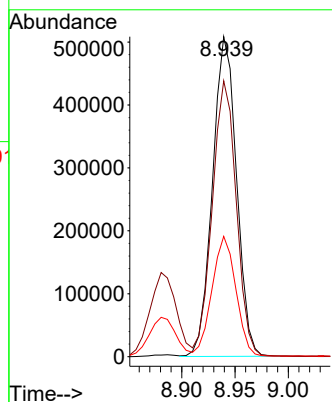
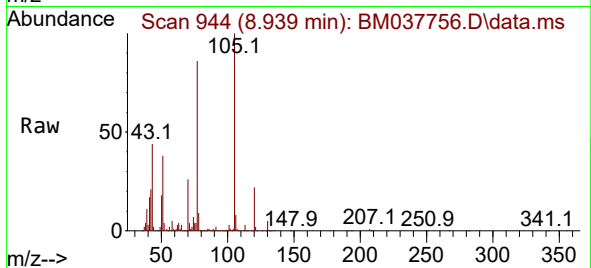




#16
Acetophenone
Concen: 29.094 ng/ul
RT: 8.939 min Scan# 944
Delta R.T. 0.000 min
Lab File: BM037756.D
Acq: 28 Nov 2022 12:54

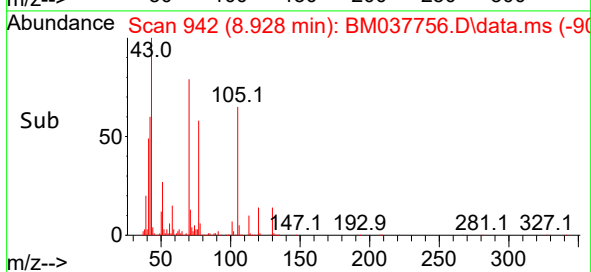
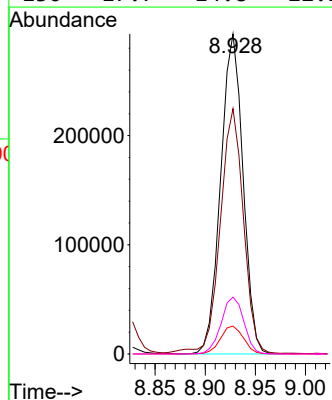
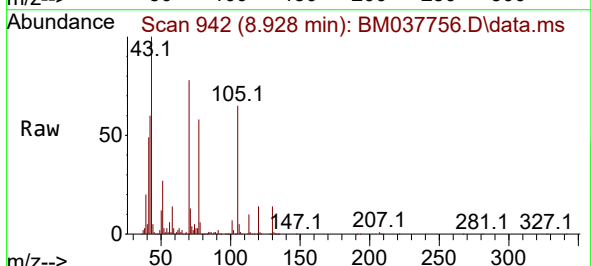
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ClientSampleId :

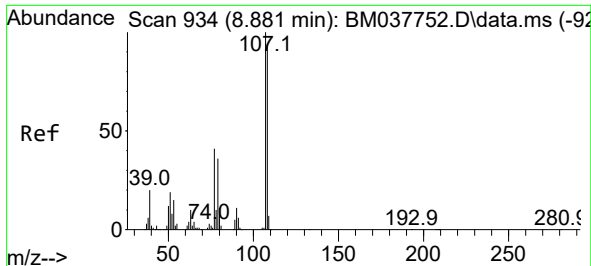
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Ion Ratio Lower Upper
105 100
77 86.2 66.6 99.8
51 37.6 27.3 40.9



#17
N-Nitroso-di-n-propylamine
Concen: 28.283 ng/ul
RT: 8.928 min Scan# 942
Delta R.T. 0.006 min
Lab File: BM037756.D
Acq: 28 Nov 2022 12:54

Tgt Ion: 70 Resp: 453149
Ion Ratio Lower Upper
70 100
42 76.6 57.1 85.7
101 8.7 7.0 10.6
130 17.7 14.8 22.2

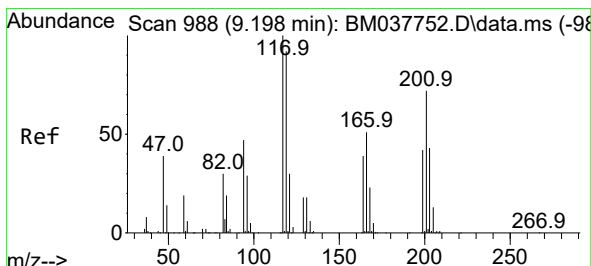
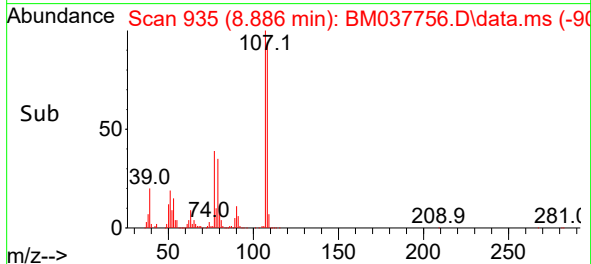
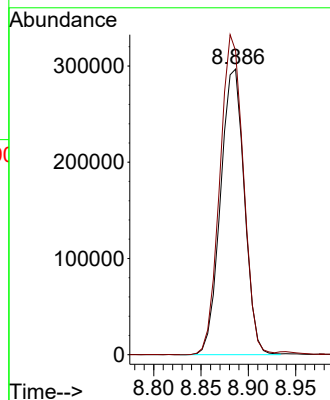
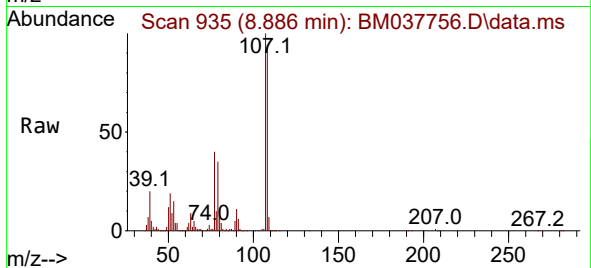




#18
4-Methylphenol
Concen: 28.242 ng/ul
RT: 8.886 min Scan# 91
Delta R.T. 0.006 min
Lab File: BM037756.D
Acq: 28 Nov 2022 12:54

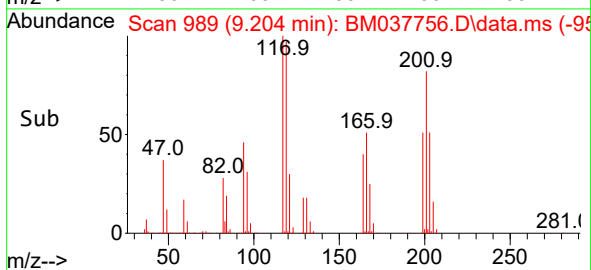
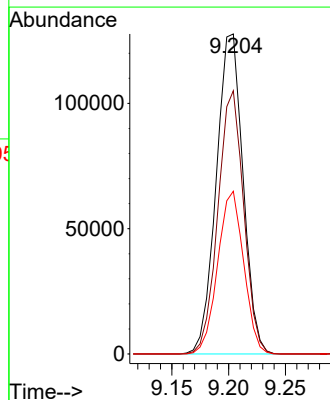
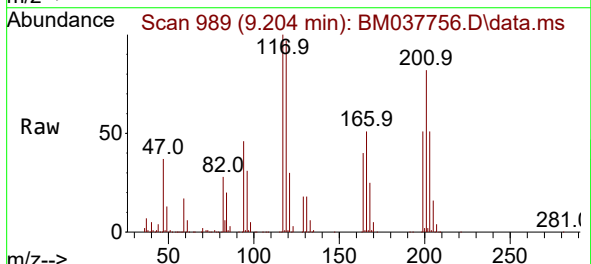
Instrument :
BNA_M
ClientSampleId :

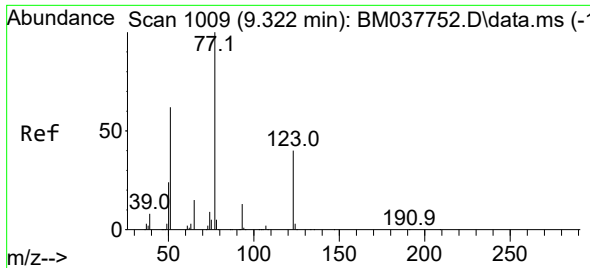
Tgt Ion:108 Resp: 520674
Ion Ratio Lower Upper
108 100
107 106.4 90.4 135.6



#19
Hexachloroethane
Concen: 30.587 ng/ul
RT: 9.204 min Scan# 989
Delta R.T. 0.006 min
Lab File: BM037756.D
Acq: 28 Nov 2022 12:54

Tgt Ion:117 Resp: 209554
Ion Ratio Lower Upper
117 100
201 82.2 60.4 90.6
199 50.8 38.1 57.1

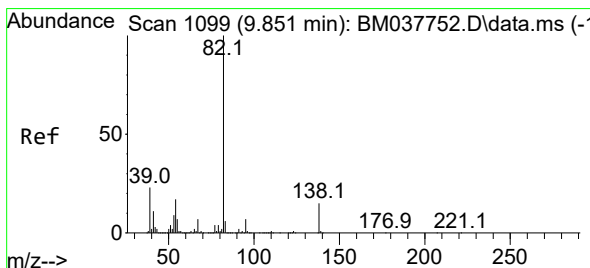
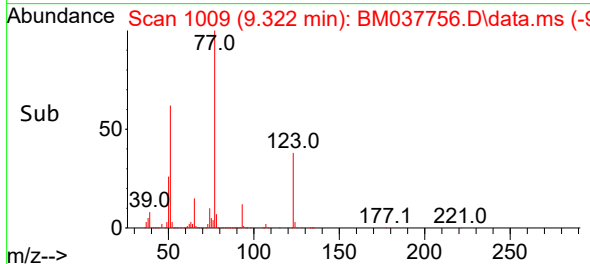
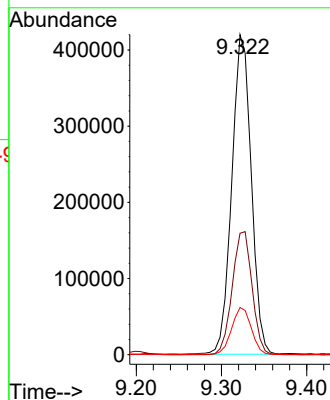
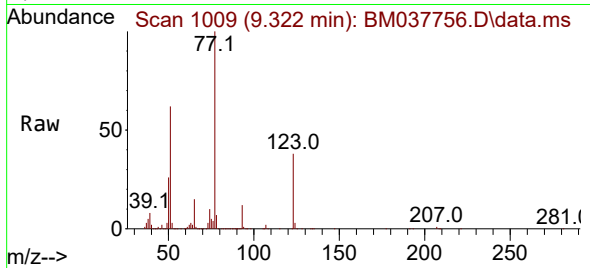




#22
Nitrobenzene
Concen: 30.581 ng/ul
RT: 9.322 min Scan# 1100
Delta R.T. 0.000 min
Lab File: BM037756.D
Acq: 28 Nov 2022 12:54

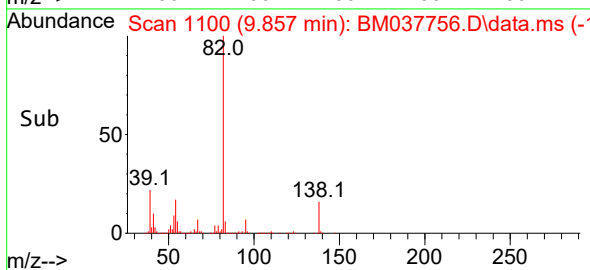
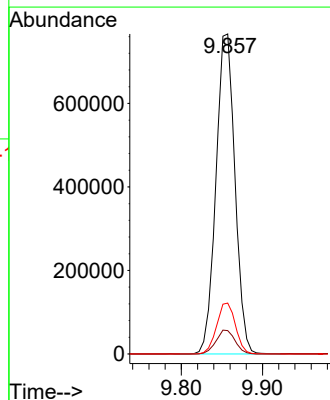
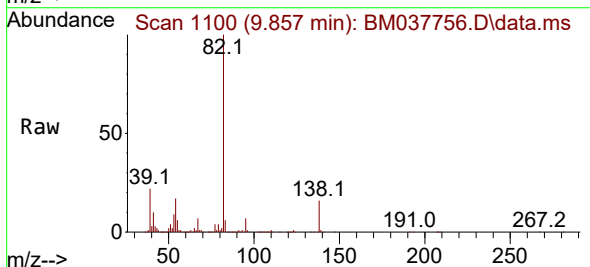
Instrument :
BNA_M
ClientSampleId :

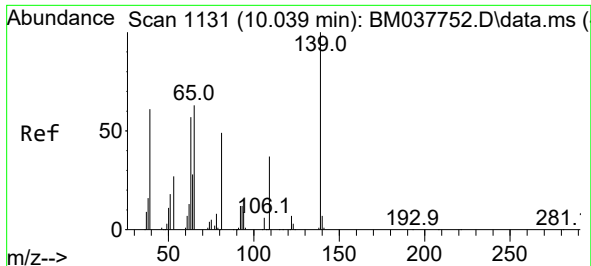
Tgt Ion: 77 Resp: 665166
Ion Ratio Lower Upper
77 100
123 37.9 32.4 48.6
65 14.8 11.4 17.0



#23
Isophorone
Concen: 28.485 ng/ul
RT: 9.857 min Scan# 1100
Delta R.T. 0.006 min
Lab File: BM037756.D
Acq: 28 Nov 2022 12:54

Tgt Ion: 82 Resp: 1248710
Ion Ratio Lower Upper
82 100
95 7.3 5.3 7.9
138 15.9 12.5 18.7

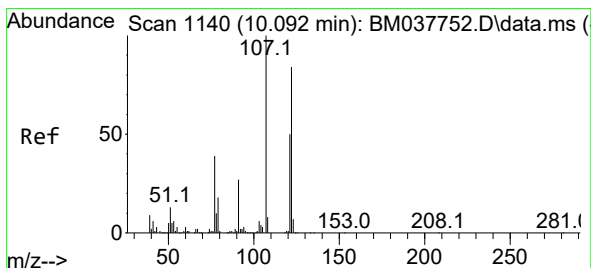
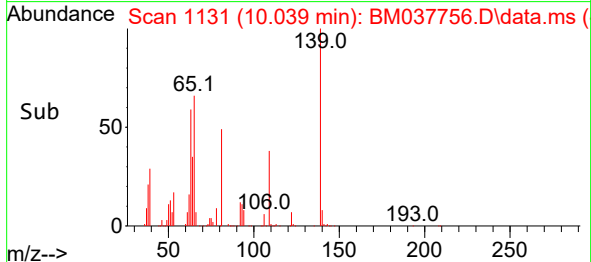
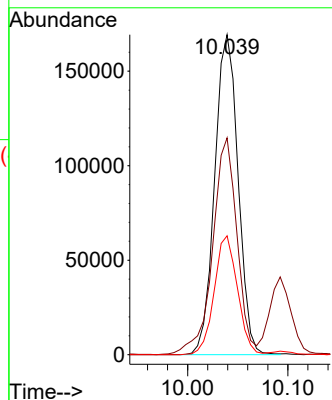
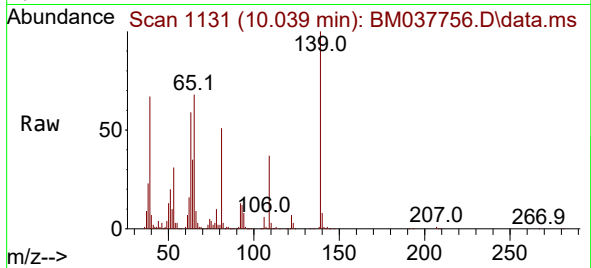




#25
2-Nitrophenol
Concen: 30.882 ng/ul
RT: 10.039 min Scan# 1131
Delta R.T. 0.000 min
Lab File: BM037756.D
Acq: 28 Nov 2022 12:54

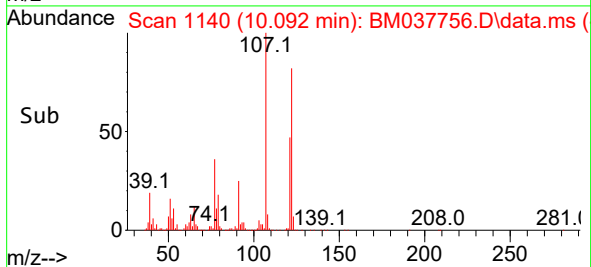
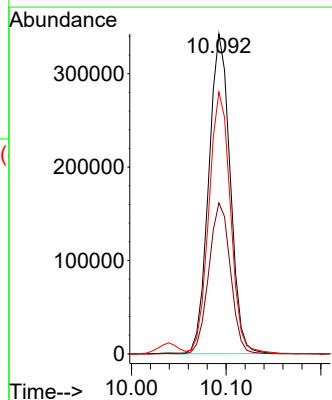
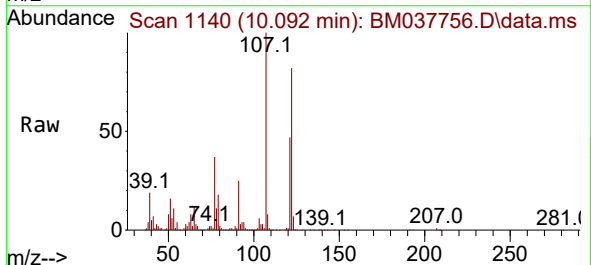
Instrument :
BNA_M
ClientSampleId :

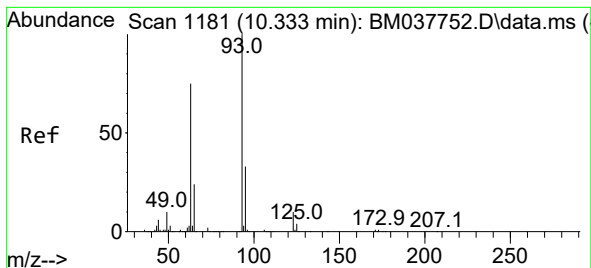
Tgt Ion:139 Resp: 274546
Ion Ratio Lower Upper
139 100
65 67.8 49.6 74.4
109 37.1 25.8 38.6



#26
2,4-Dimethylphenol
Concen: 27.479 ng/ul
RT: 10.092 min Scan# 1140
Delta R.T. 0.000 min
Lab File: BM037756.D
Acq: 28 Nov 2022 12:54

Tgt Ion:107 Resp: 536494
Ion Ratio Lower Upper
107 100
121 47.2 39.6 59.4
122 81.9 69.0 103.6

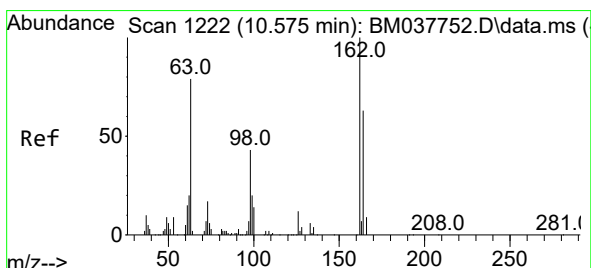
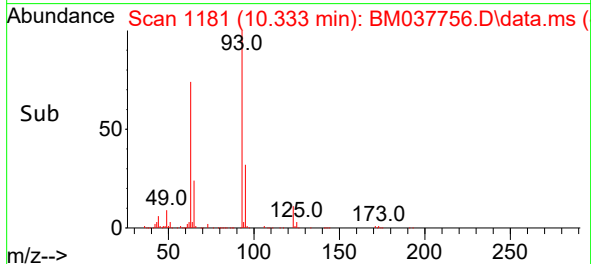
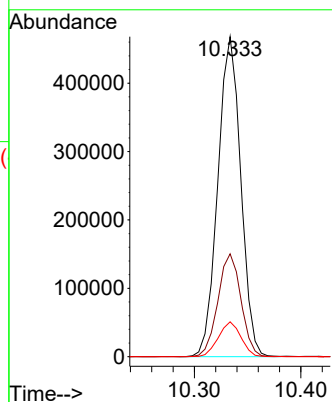
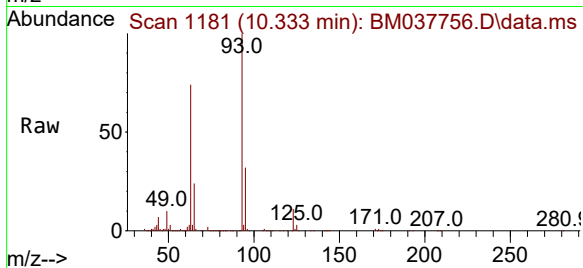




#27
 Bis(2-Chloroethoxy)methane
 Concen: 27.803 ng/ul
 RT: 10.333 min Scan# 1181
 Delta R.T. 0.000 min
 Lab File: BM037756.D
 Acq: 28 Nov 2022 12:54

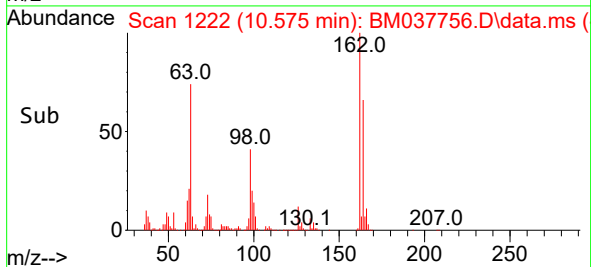
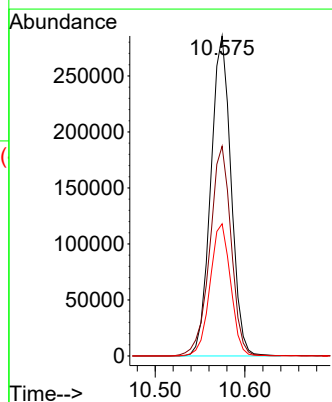
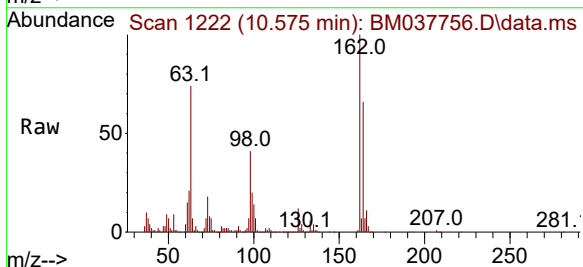
Instrument :
 BNA_M
 ClientSampleId :

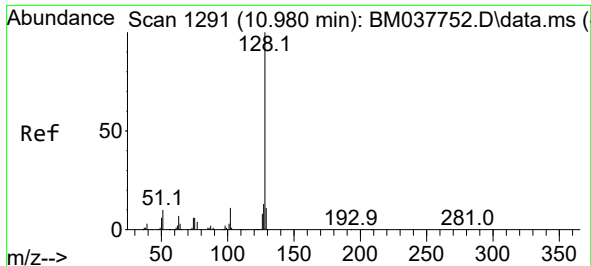
Tgt Ion: 93 Resp: 699173
 Ion Ratio Lower Upper
 93 100
 95 32.1 26.4 39.6
 123 10.9 8.6 13.0



#29
 2,4-Dichlorophenol
 Concen: 30.522 ng/ul
 RT: 10.575 min Scan# 1222
 Delta R.T. 0.000 min
 Lab File: BM037756.D
 Acq: 28 Nov 2022 12:54

Tgt Ion: 162 Resp: 449140
 Ion Ratio Lower Upper
 162 100
 164 65.6 52.6 79.0
 98 41.3 33.6 50.4

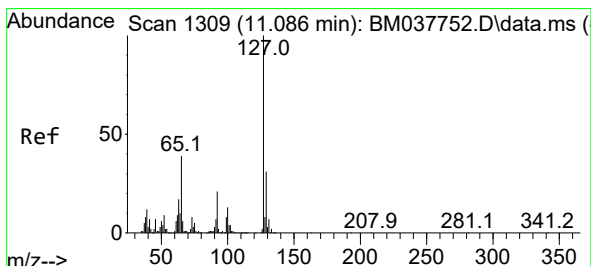
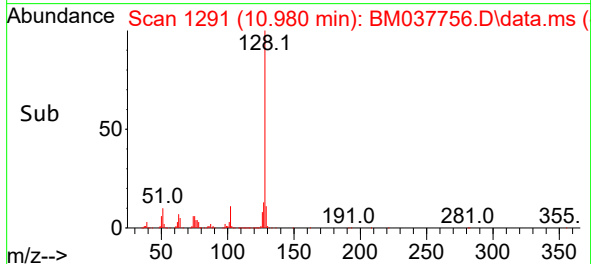
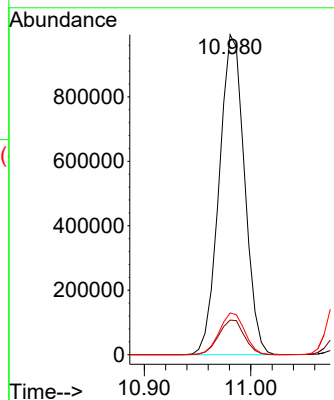
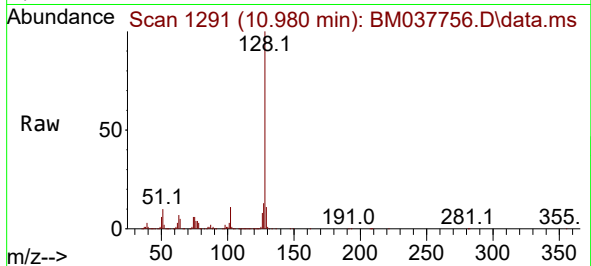




#30
Naphthalene
Concen: 29.483 ng/ul
RT: 10.980 min Scan# 1310
Delta R.T. 0.000 min
Lab File: BM037756.D
Acq: 28 Nov 2022 12:54

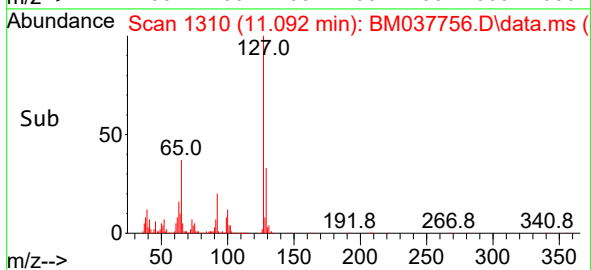
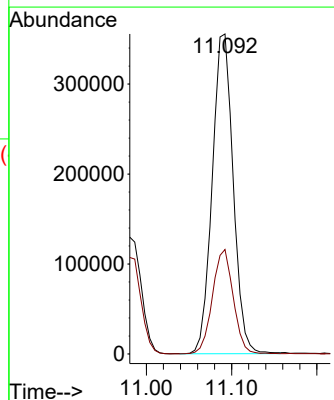
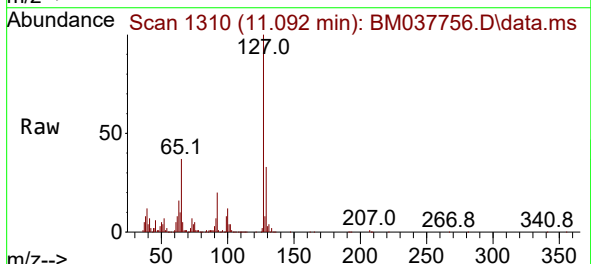
Instrument :
BNA_M
ClientSampleId :

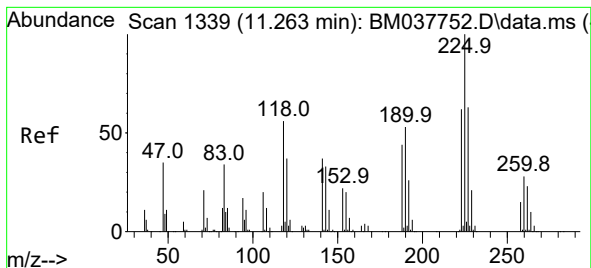
Tgt Ion:128 Resp: 1640352
Ion Ratio Lower Upper
128 100
129 10.8 8.6 12.8
127 13.1 10.4 15.6



#32
4-Chloroaniline
Concen: 24.401 ng/ul
RT: 11.092 min Scan# 1310
Delta R.T. 0.006 min
Lab File: BM037756.D
Acq: 28 Nov 2022 12:54

Tgt Ion:127 Resp: 606958
Ion Ratio Lower Upper
127 100
129 32.7 26.1 39.1





#33

Hexachlorobutadiene

Concen: 32.672 ng/ul

RT: 11.263 min Scan# 1

Delta R.T. 0.000 min

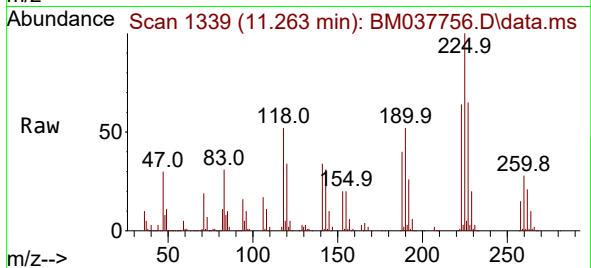
Lab File: BM037756.D

Acq: 28 Nov 2022 12:54

Instrument :

BNA_M

ClientSampleId :



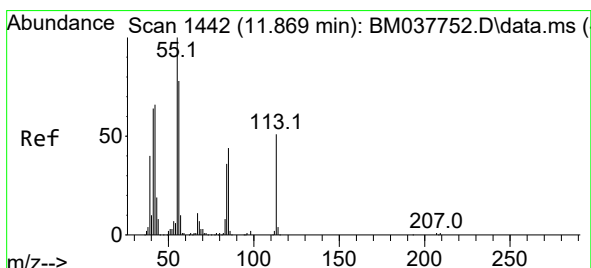
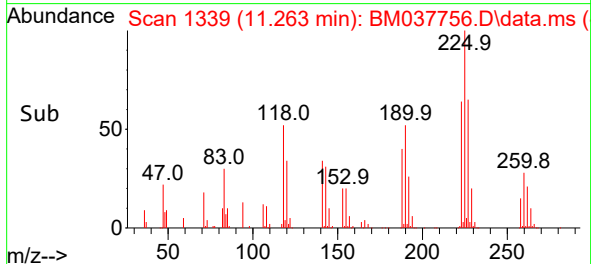
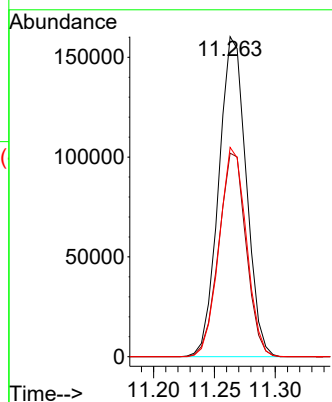
Tgt Ion:225 Resp: 252391

Ion Ratio Lower Upper

225 100

223 63.6 51.1 76.7

227 65.4 50.7 76.1



#34

Caprolactam

Concen: 17.910 ng/ul

RT: 11.875 min Scan# 1443

Delta R.T. 0.006 min

Lab File: BM037756.D

Acq: 28 Nov 2022 12:54

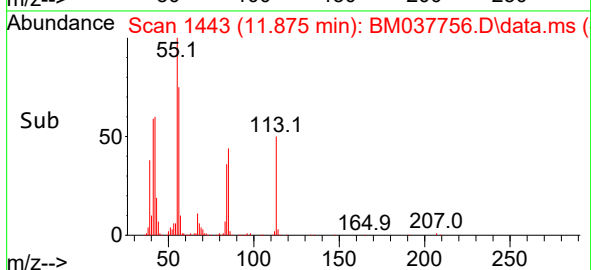
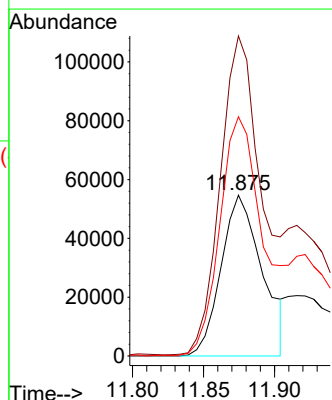
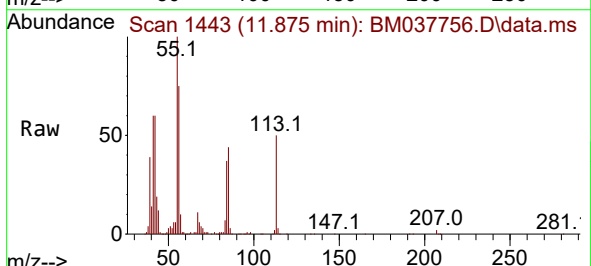
Tgt Ion:113 Resp: 109762

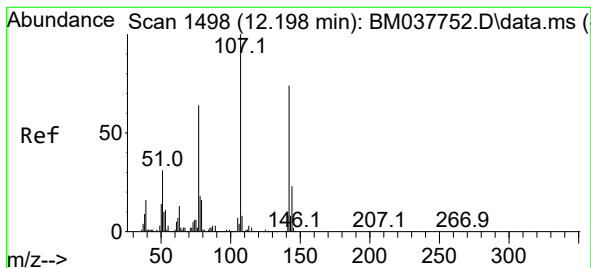
Ion Ratio Lower Upper

113 100

55 198.9 163.3 244.9

56 148.6 120.3 180.5

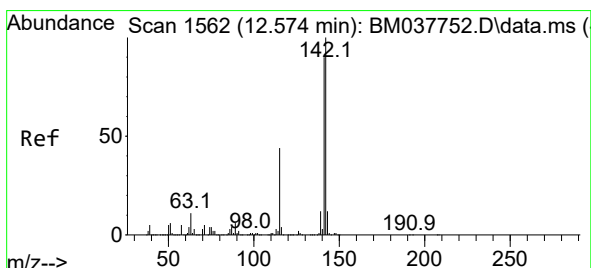
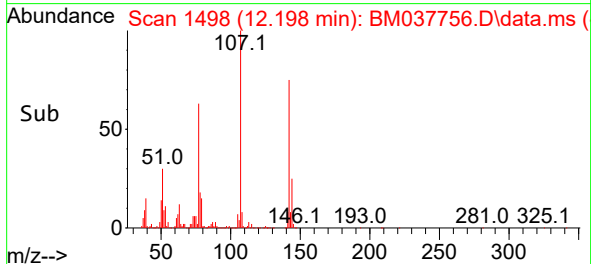
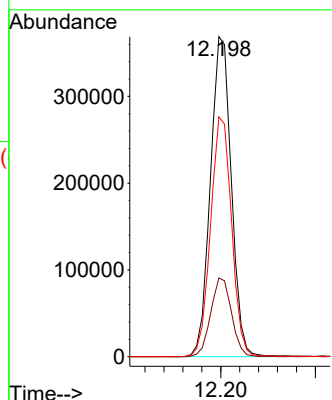
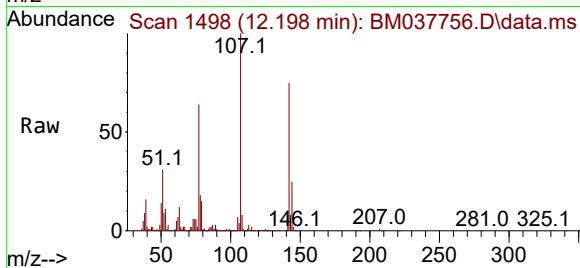




#35
4-Chloro-3-methylphenol
Concen: 30.146 ng/ul
RT: 12.198 min Scan# 1498
Delta R.T. 0.000 min
Lab File: BM037756.D
Acq: 28 Nov 2022 12:54

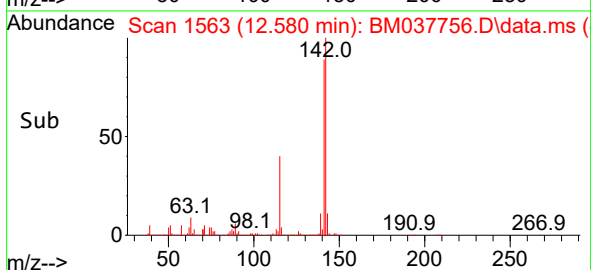
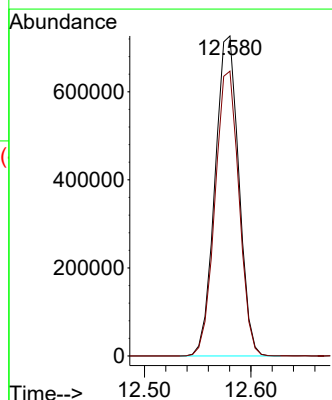
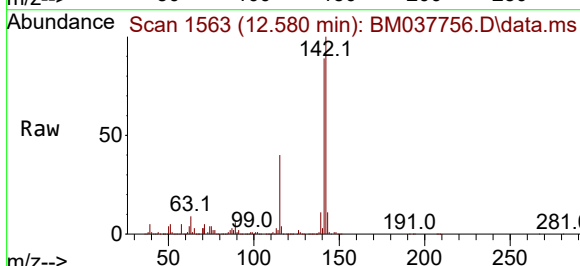
Instrument :
BNA_M
ClientSampleId :

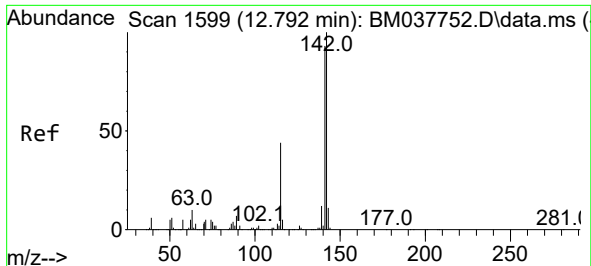
Tgt Ion:107 Resp: 567066
Ion Ratio Lower Upper
107 100
144 24.6 20.2 30.4
142 74.9 62.6 93.8



#36
2-Methylnaphthalene
Concen: 29.178 ng/ul
RT: 12.580 min Scan# 1563
Delta R.T. 0.006 min
Lab File: BM037756.D
Acq: 28 Nov 2022 12:54

Tgt Ion:142 Resp: 1127682
Ion Ratio Lower Upper
142 100
141 89.0 72.2 108.4





#37

1-Methylnaphthalene

Concen: 29.483 ng/ul

RT: 12.798 min Scan# 1

Delta R.T. 0.006 min

Lab File: BM037756.D

Acq: 28 Nov 2022 12:54

Instrument :

BNA_M

ClientSampleId :

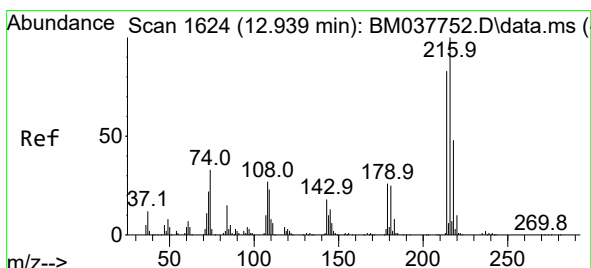
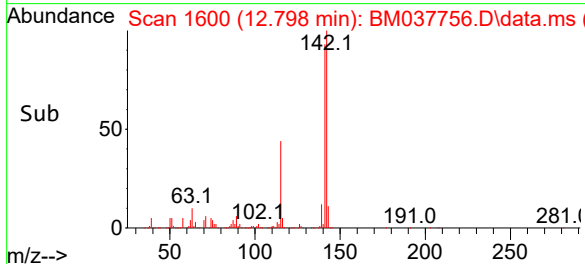
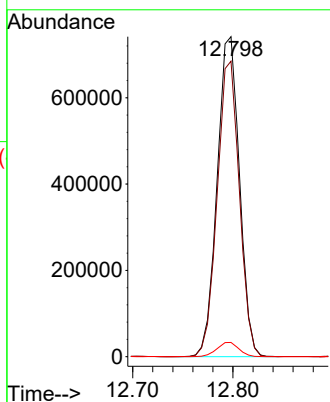
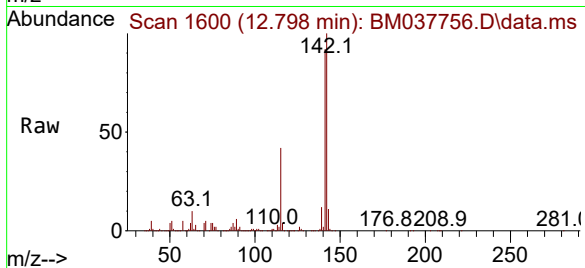
Tgt Ion:142 Resp: 1146362

Ion Ratio Lower Upper

142 100

141 92.4 73.3 109.9

116 4.4 3.2 4.8



#39

1,2,4,5-Tetrachlorobenzene

Concen: 31.007 ng/ul

RT: 12.939 min Scan# 1624

Delta R.T. 0.000 min

Lab File: BM037756.D

Acq: 28 Nov 2022 12:54

Tgt Ion:216 Resp: 495803

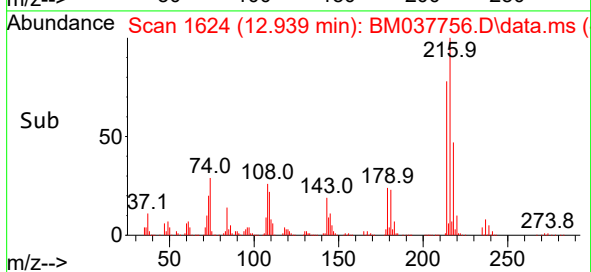
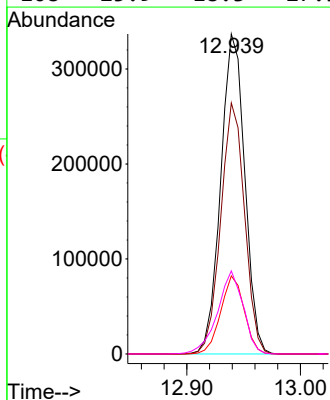
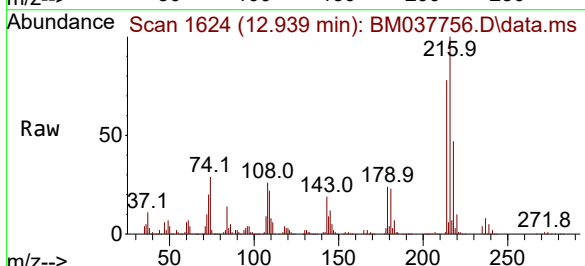
Ion Ratio Lower Upper

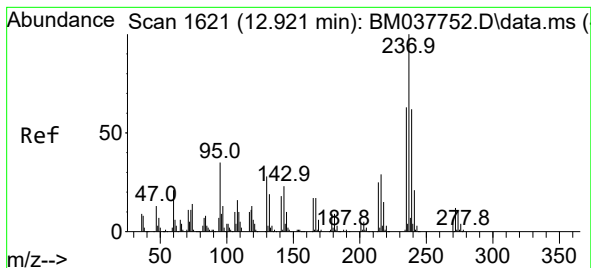
216 100

214 78.5 60.2 90.4

179 24.4 18.6 27.8

108 25.9 18.3 27.5





#40

Hexachlorocyclopentadiene

Concen: 26.849 ng/ul

RT: 12.922 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM037756.D

Acq: 28 Nov 2022 12:54

Instrument :

BNA_M

ClientSampleId :

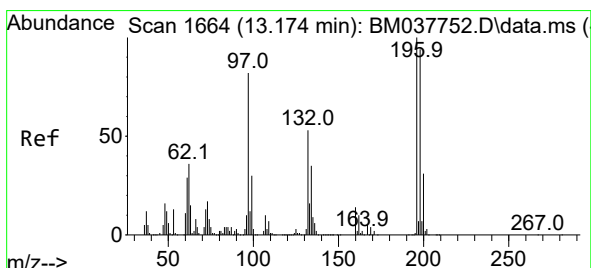
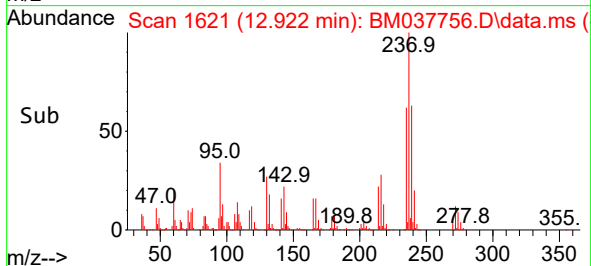
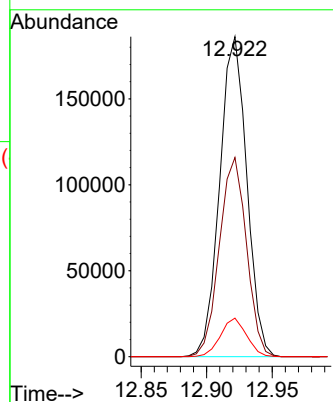
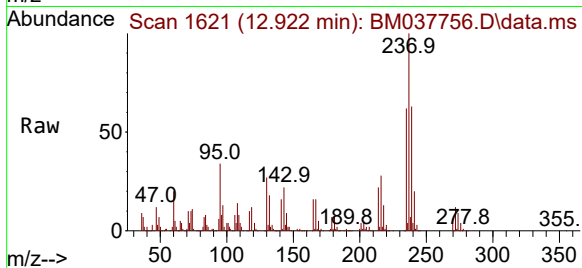
Tgt Ion:237 Resp: 267344

Ion Ratio Lower Upper

237 100

235 62.3 49.1 73.7

272 12.0 9.5 14.3



#41

2,4,6-Trichlorophenol

Concen: 30.376 ng/ul

RT: 13.174 min Scan# 1664

Delta R.T. 0.000 min

Lab File: BM037756.D

Acq: 28 Nov 2022 12:54

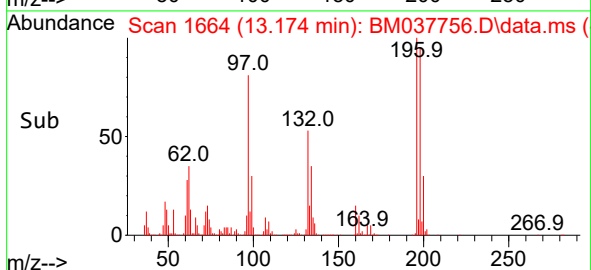
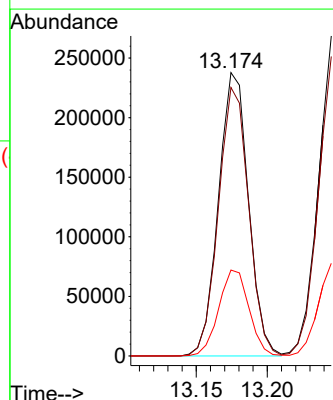
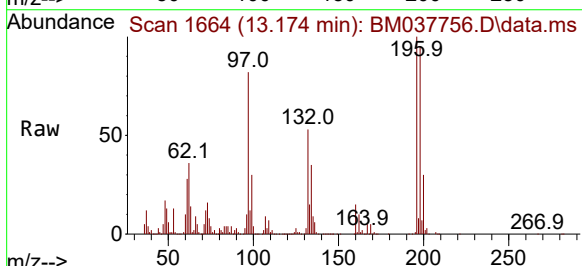
Tgt Ion:196 Resp: 349746

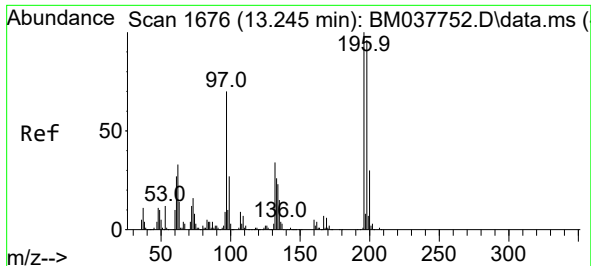
Ion Ratio Lower Upper

196 100

198 94.8 76.9 115.3

200 30.4 24.1 36.1





#42

2,4,5-Trichlorophenol

Concen: 30.851 ng/ul

RT: 13.245 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM037756.D

Acq: 28 Nov 2022 12:54

Instrument :

BNA_M

ClientSampleId :

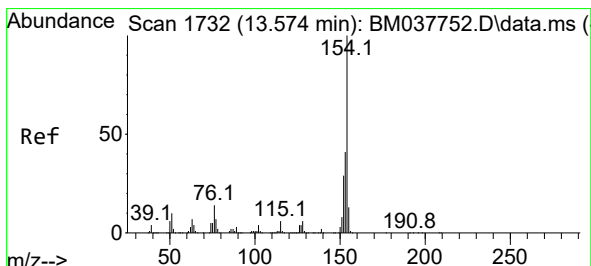
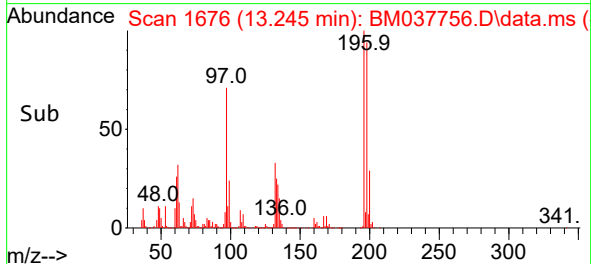
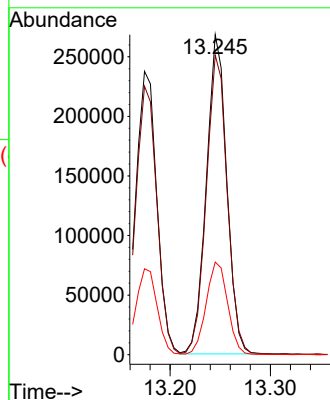
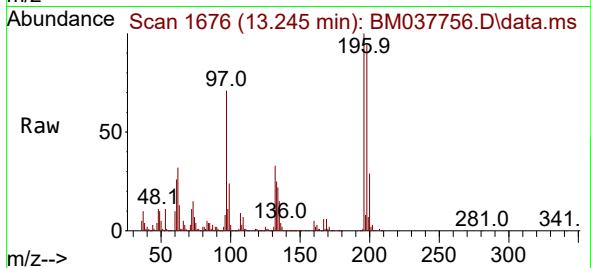
Tgt Ion:196 Resp: 380070

Ion Ratio Lower Upper

196 100

198 93.6 75.4 113.2

200 29.0 23.7 35.5



#43

1,1'-Biphenyl

Concen: 29.705 ng/ul

RT: 13.574 min Scan# 1732

Delta R.T. 0.000 min

Lab File: BM037756.D

Acq: 28 Nov 2022 12:54

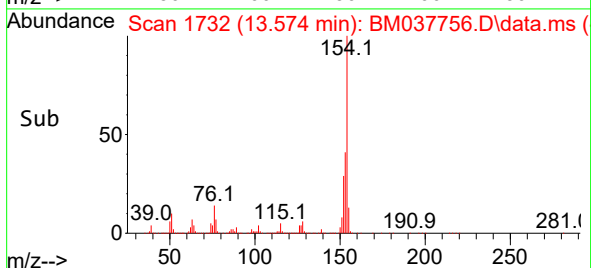
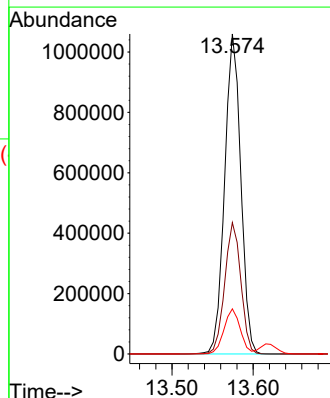
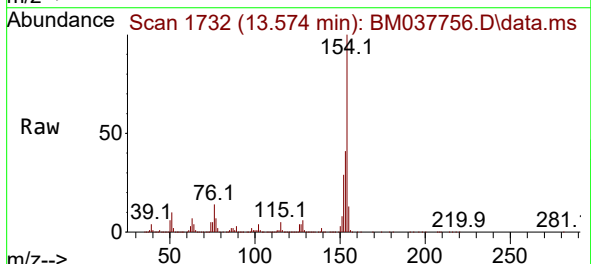
Tgt Ion:154 Resp: 1468921

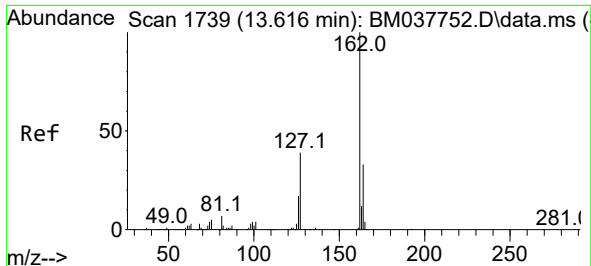
Ion Ratio Lower Upper

154 100

153 41.1 32.1 48.1

76 14.1 12.4 18.6

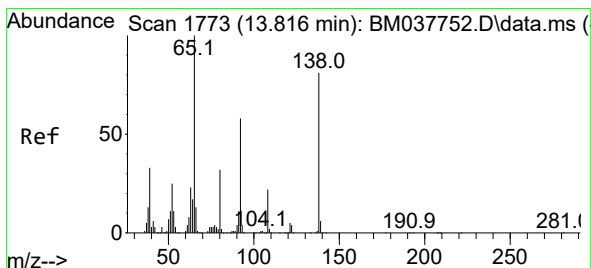
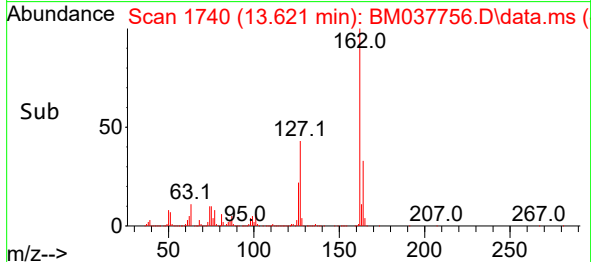
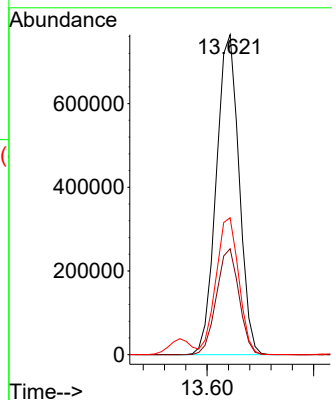
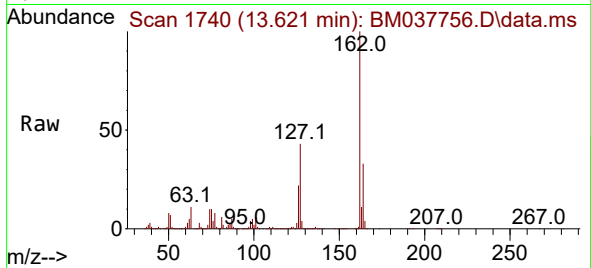




#44
2-Chloronaphthalene
Concen: 29.457 ng/ul
RT: 13.621 min Scan# 11
Delta R.T. 0.006 min
Lab File: BM037756.D
Acq: 28 Nov 2022 12:54

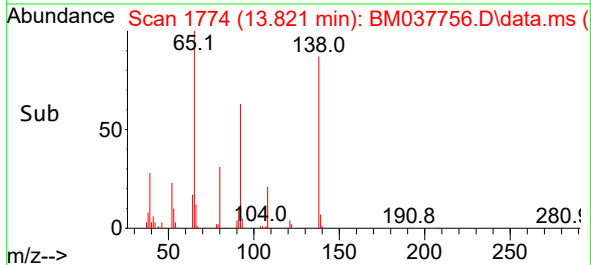
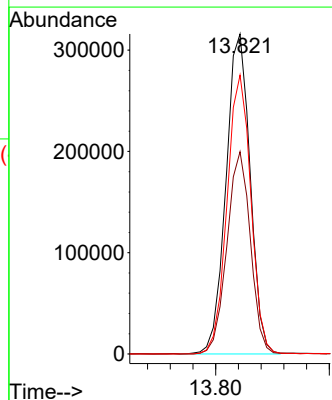
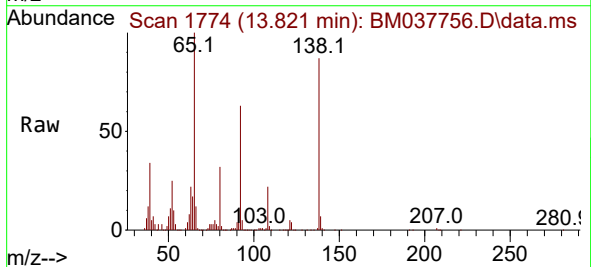
Instrument :
BNA_M
ClientSampleId :

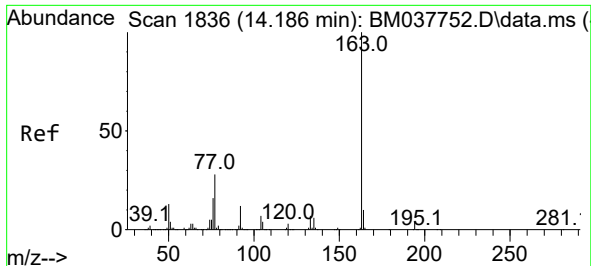
Tgt Ion:162 Resp: 1132186
Ion Ratio Lower Upper
162 100
164 33.1 26.5 39.7
127 42.8 32.4 48.6



#45
2-Nitroaniline
Concen: 32.005 ng/ul
RT: 13.821 min Scan# 1774
Delta R.T. 0.006 min
Lab File: BM037756.D
Acq: 28 Nov 2022 12:54

Tgt Ion: 65 Resp: 466378
Ion Ratio Lower Upper
65 100
92 63.2 48.6 73.0
138 87.2 67.0 100.4

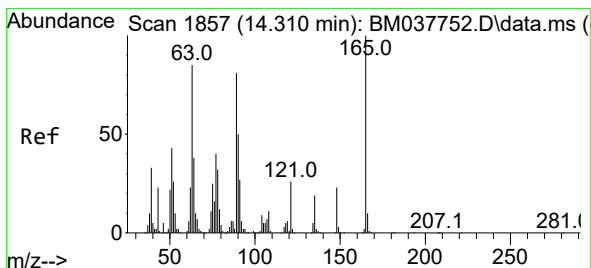
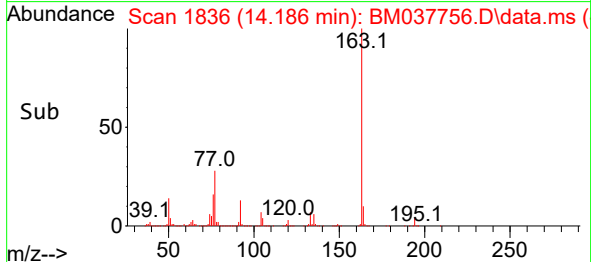
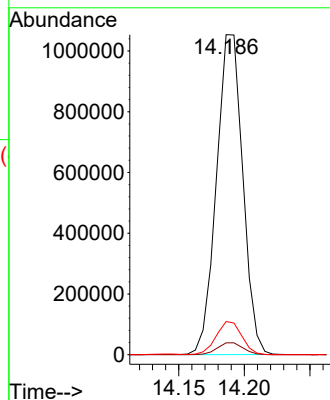
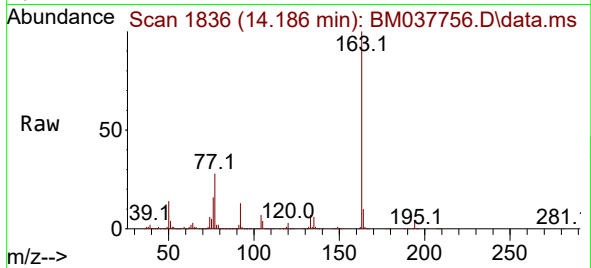




#47
Dimethylphthalate
Concen: 30.023 ng/ul
RT: 14.186 min Scan# 1836
Delta R.T. 0.000 min
Lab File: BM037756.D
Acq: 28 Nov 2022 12:54

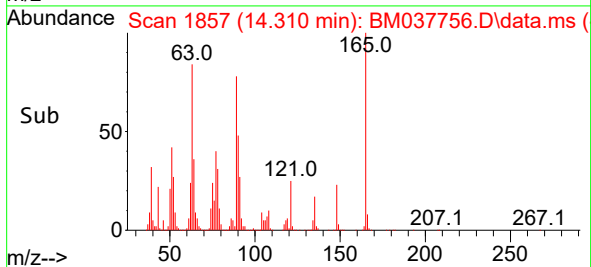
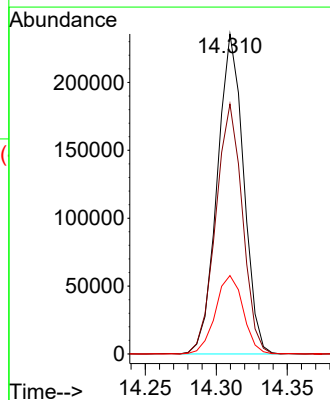
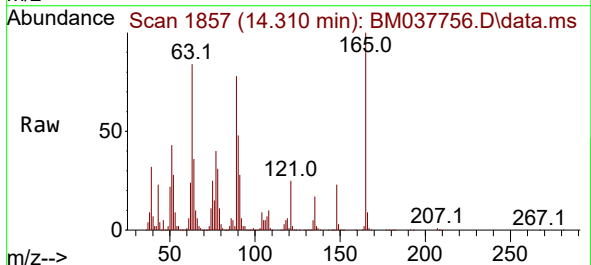
Instrument :
BNA_M
ClientSampleId :

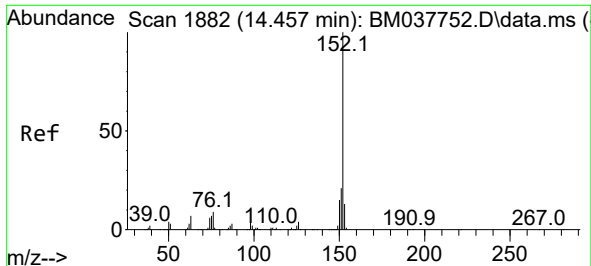
Tgt Ion:163 Resp: 1472029
Ion Ratio Lower Upper
163 100
194 3.7 2.9 4.3
164 10.3 8.2 12.2



#48
2,6-Dinitrotoluene
Concen: 32.128 ng/ul
RT: 14.310 min Scan# 1857
Delta R.T. 0.000 min
Lab File: BM037756.D
Acq: 28 Nov 2022 12:54

Tgt Ion:165 Resp: 304173
Ion Ratio Lower Upper
165 100
89 78.1 56.4 84.6
121 24.5 18.9 28.3

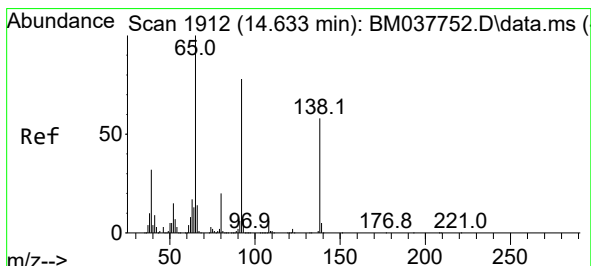
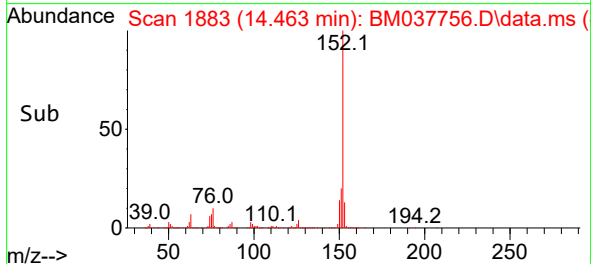
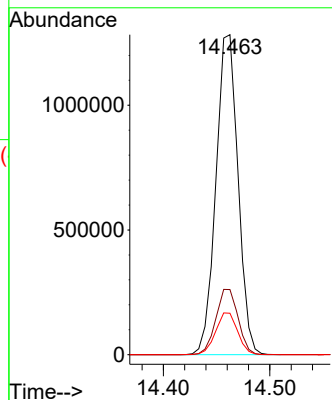
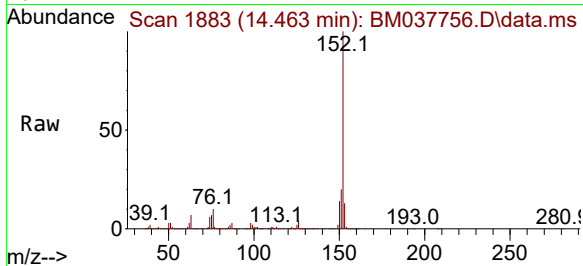




#50
Acenaphthylene
Concen: 30.007 ng/ul
RT: 14.463 min Scan# 1883
Delta R.T. 0.006 min
Lab File: BM037756.D
Acq: 28 Nov 2022 12:54

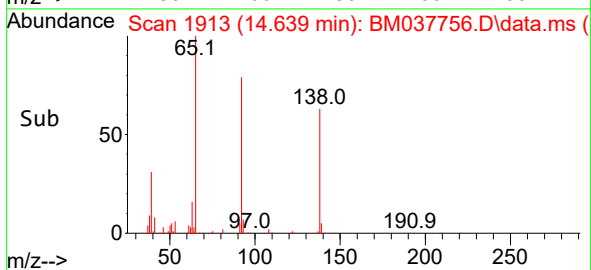
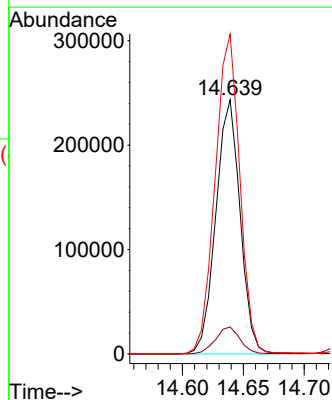
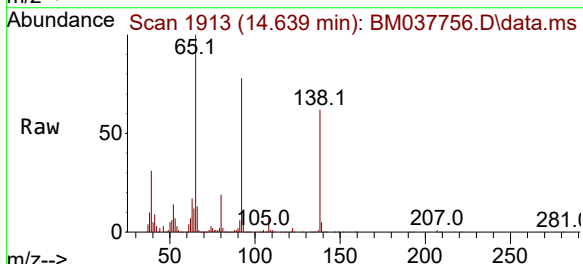
Instrument :
BNA_M
ClientSampleId :

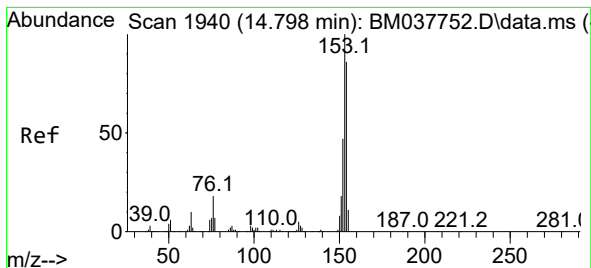
Tgt Ion:152 Resp: 1846683
Ion Ratio Lower Upper
152 100
151 20.4 16.3 24.5
153 13.0 10.3 15.5



#51
3-Nitroaniline
Concen: 29.409 ng/ul
RT: 14.639 min Scan# 1913
Delta R.T. 0.006 min
Lab File: BM037756.D
Acq: 28 Nov 2022 12:54

Tgt Ion:138 Resp: 337855
Ion Ratio Lower Upper
138 100
108 10.6 8.4 12.6
92 125.8 104.0 156.0





#52

Acenaphthene

Concen: 29.765 ng/ul

RT: 14.798 min Scan# 1940

Delta R.T. 0.000 min

Lab File: BM037756.D

Acq: 28 Nov 2022 12:54

Instrument :

BNA_M

ClientSampleId :

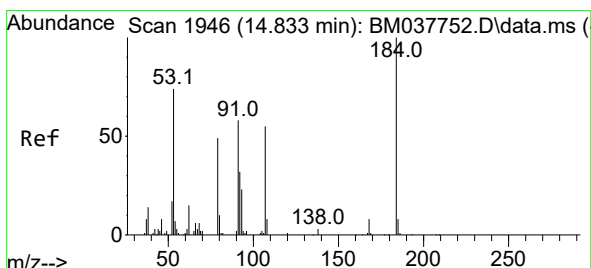
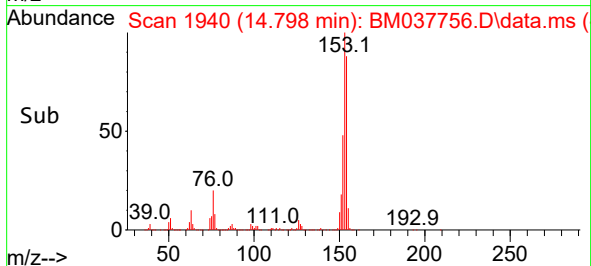
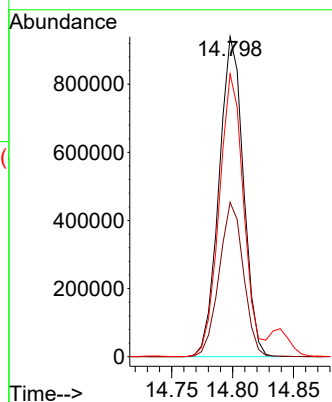
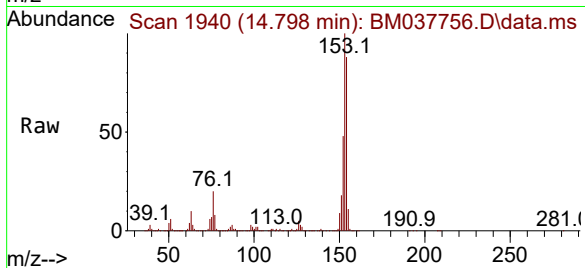
Tgt Ion:153 Resp: 1310037

Ion Ratio Lower Upper

153 100

152 48.2 38.4 57.6

154 88.4 70.7 106.1



#53

2,4-Dinitrophenol

Concen: 26.756 ng/ul

RT: 14.839 min Scan# 1947

Delta R.T. 0.006 min

Lab File: BM037756.D

Acq: 28 Nov 2022 12:54

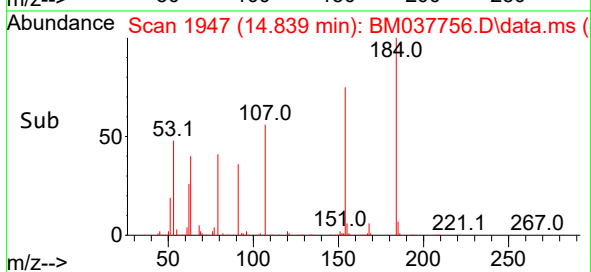
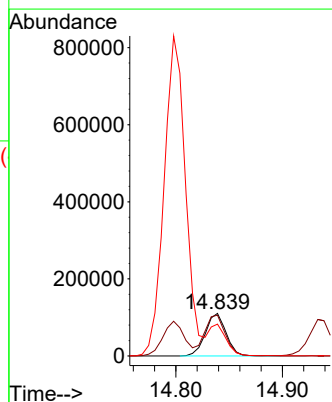
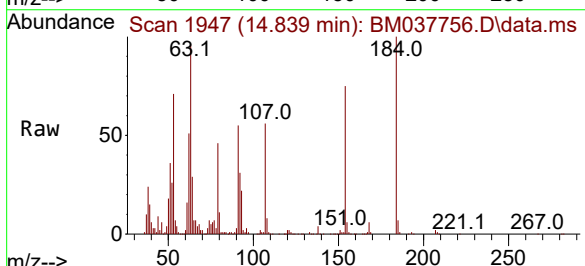
Tgt Ion:184 Resp: 148623

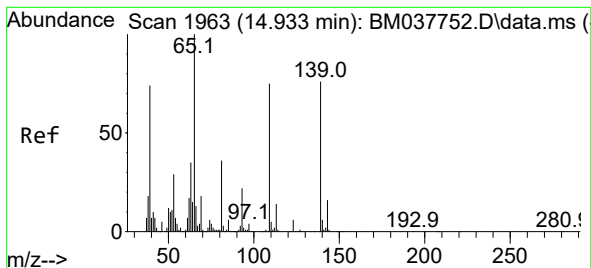
Ion Ratio Lower Upper

184 100

63 95.9 74.9 112.3

154 74.8 57.8 86.6

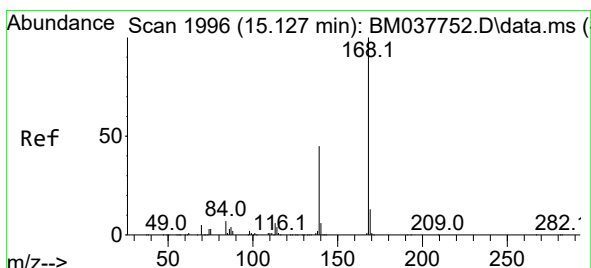
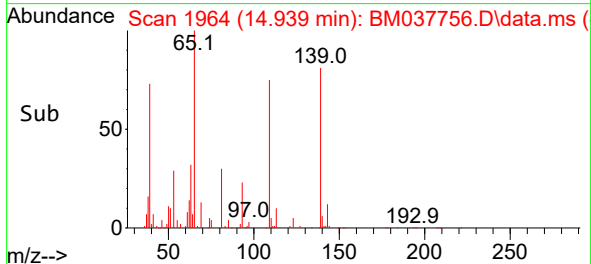
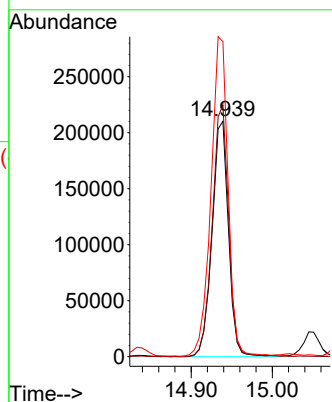
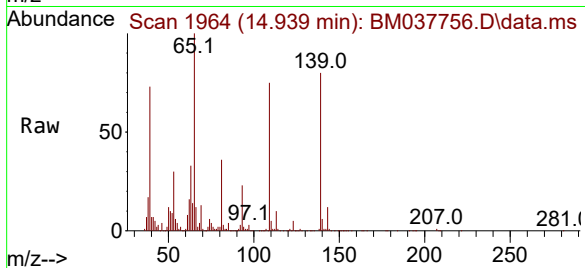




#55
4-Nitrophenol
Concen: 32.365 ng/ul
RT: 14.939 min Scan# 1963
Delta R.T. 0.006 min
Lab File: BM037756.D
Acq: 28 Nov 2022 12:54

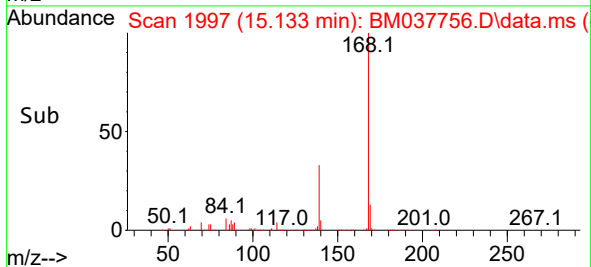
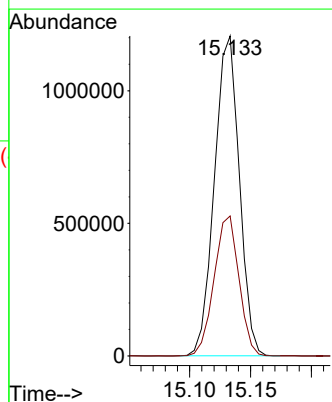
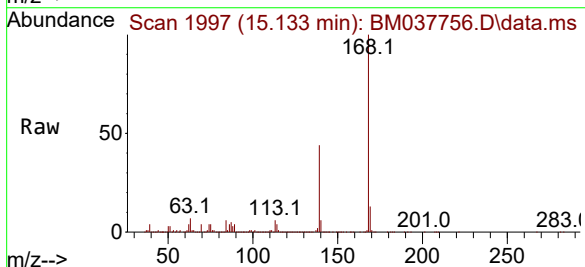
Instrument :
BNA_M
ClientSampleId :

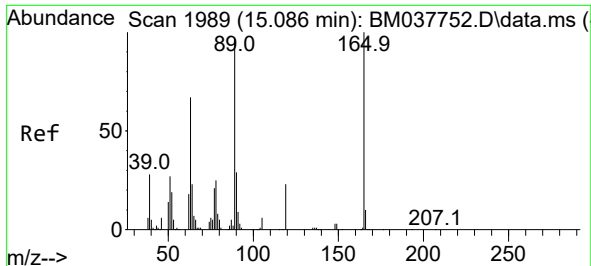
Tgt Ion:109 Resp: 294680
Ion Ratio Lower Upper
109 100
139 106.9 102.4 153.6
65 133.8 119.6 179.4



#56
Dibenzofuran
Concen: 29.865 ng/ul
RT: 15.133 min Scan# 1997
Delta R.T. 0.006 min
Lab File: BM037756.D
Acq: 28 Nov 2022 12:54

Tgt Ion:168 Resp: 1715602
Ion Ratio Lower Upper
168 100
139 43.8 32.2 48.2





#57

2,4-Dinitrotoluene

Concen: 31.849 ng/ul

RT: 15.092 min Scan# 1989

Delta R.T. 0.006 min

Lab File: BM037756.D

Acq: 28 Nov 2022 12:54

Instrument :

BNA_M

ClientSampleId :

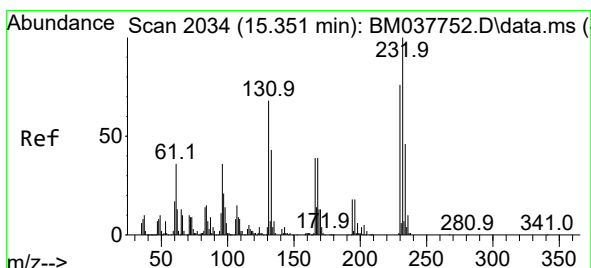
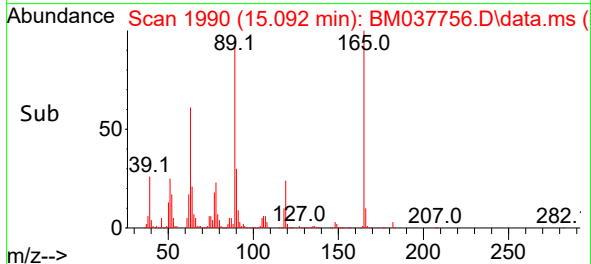
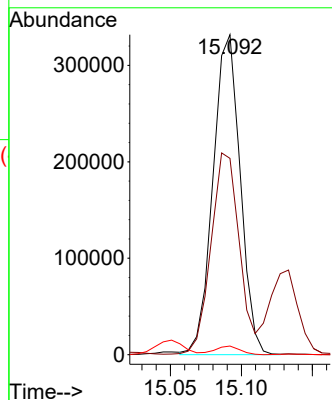
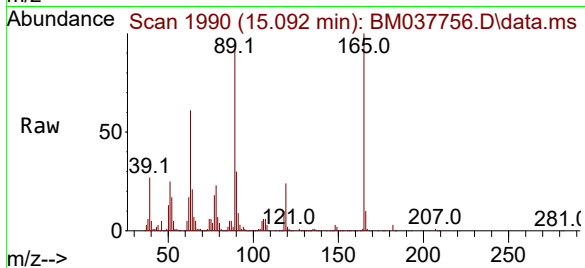
Tgt Ion:165 Resp: 442454

Ion Ratio Lower Upper

165 100

63 61.3 46.6 70.0

182 2.7 1.9 2.9



#58

2,3,4,6-Tetrachlorophenol

Concen: 31.296 ng/ul

RT: 15.351 min Scan# 2034

Delta R.T. 0.000 min

Lab File: BM037756.D

Acq: 28 Nov 2022 12:54

Tgt Ion:232 Resp: 316333

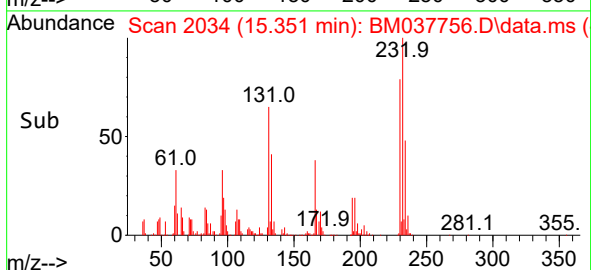
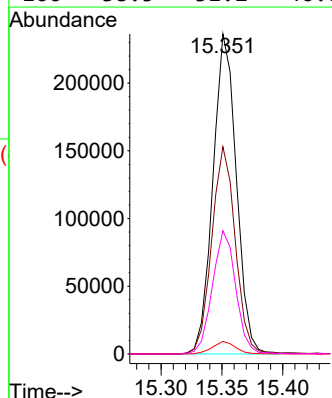
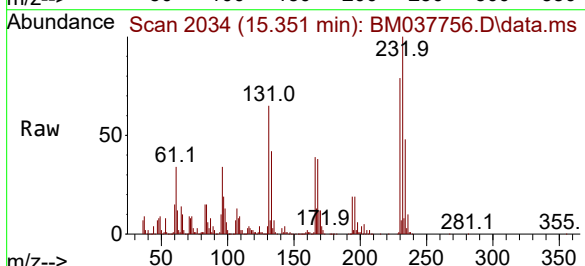
Ion Ratio Lower Upper

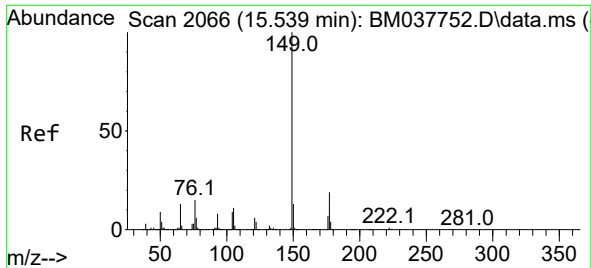
232 100

131 64.8 50.2 75.4

130 3.9 2.8 4.2

166 38.5 31.2 46.8

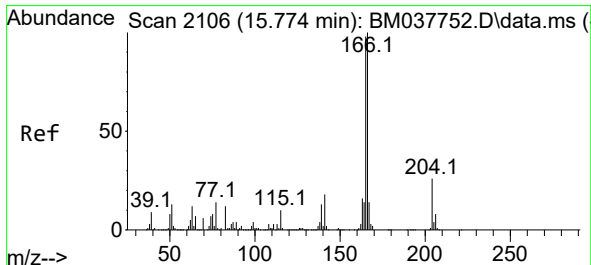
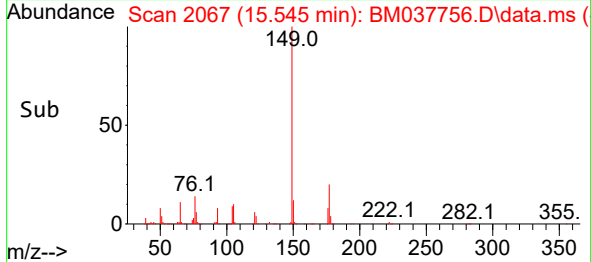
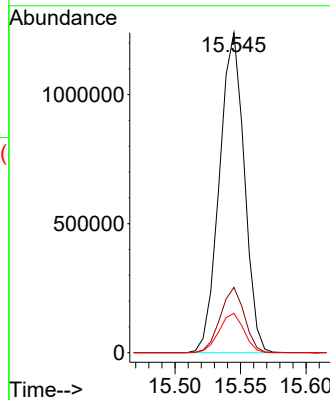
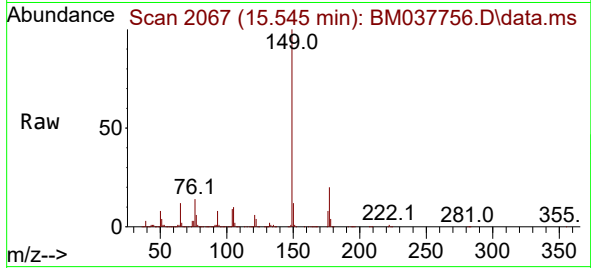




#59
Diethylphthalate
Concen: 30.898 ng/ul
RT: 15.545 min Scan# 2067
Delta R.T. 0.006 min
Lab File: BM037756.D
Acq: 28 Nov 2022 12:54

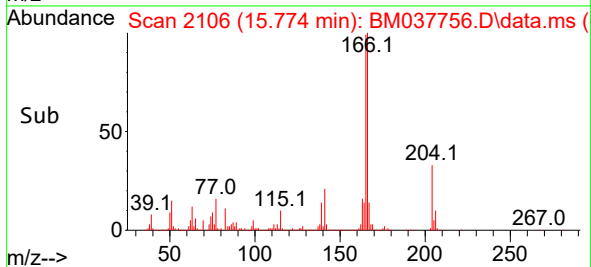
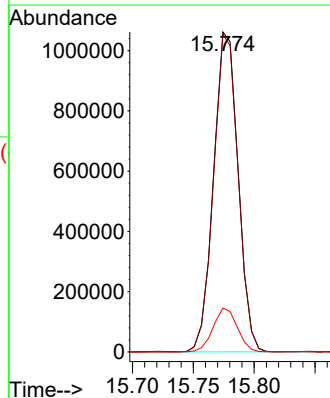
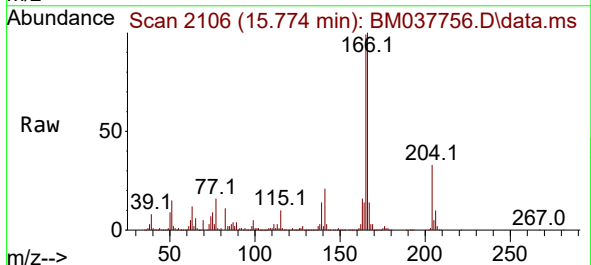
Instrument :
BNA_M
ClientSampleId :

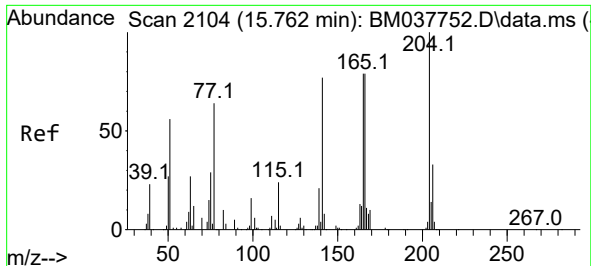
Tgt Ion:149 Resp: 1635074
Ion Ratio Lower Upper
149 100
177 20.4 16.1 24.1
150 12.3 9.4 14.0



#61
Fluorene
Concen: 29.893 ng/ul
RT: 15.774 min Scan# 2106
Delta R.T. 0.000 min
Lab File: BM037756.D
Acq: 28 Nov 2022 12:54

Tgt Ion:166 Resp: 1487542
Ion Ratio Lower Upper
166 100
165 99.2 79.3 118.9
167 13.7 10.6 15.8

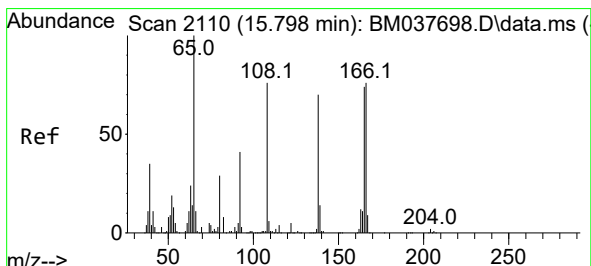
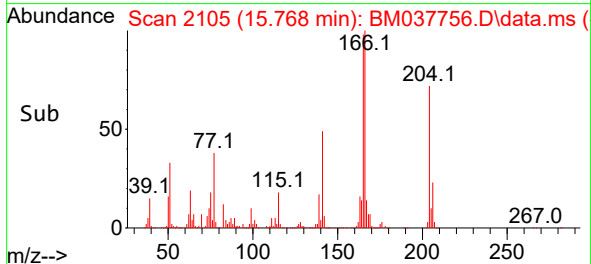
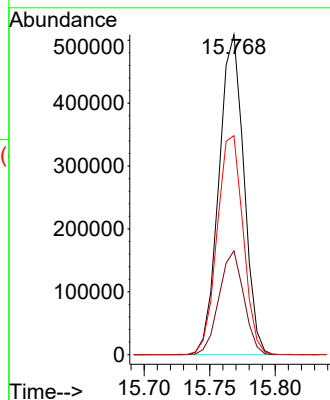
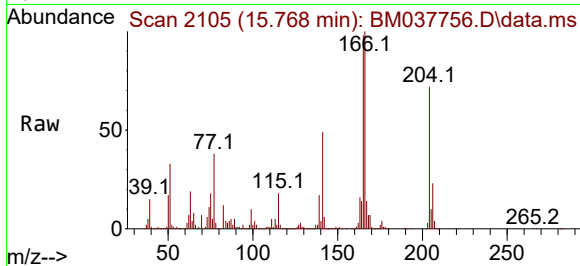




#62
4-Chlorophenyl-phenylether
Concen: 31.016 ng/ul
RT: 15.768 min Scan# 2105
Delta R.T. 0.006 min
Lab File: BM037756.D
Acq: 28 Nov 2022 12:54

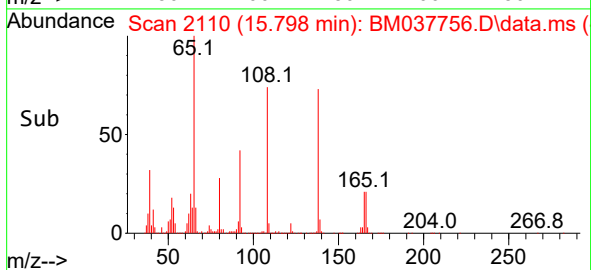
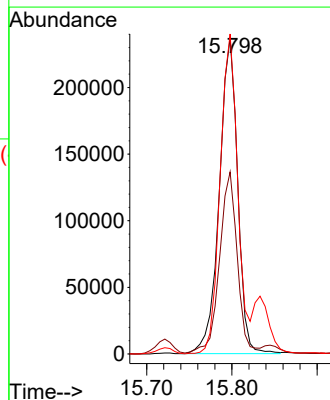
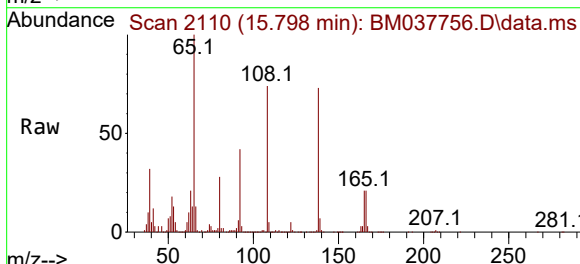
Instrument :
BNA_M
ClientSampleId :

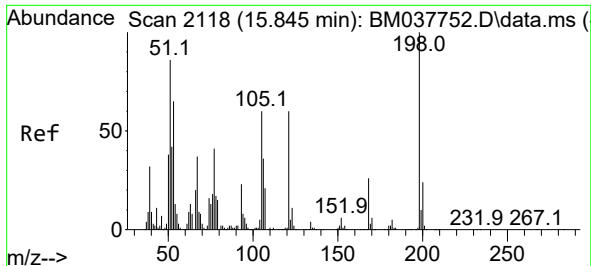
Tgt Ion:204 Resp: 673283
Ion Ratio Lower Upper
204 100
206 32.4 25.8 38.8
141 68.4 54.3 81.5



#63
4-Nitroaniline
Concen: 32.496 ng/ul
RT: 15.798 min Scan# 2110
Delta R.T. 0.006 min
Lab File: BM037756.D
Acq: 28 Nov 2022 12:54

Tgt Ion:138 Resp: 354811
Ion Ratio Lower Upper
138 100
92 57.6 43.7 65.5
108 101.3 68.1 102.1

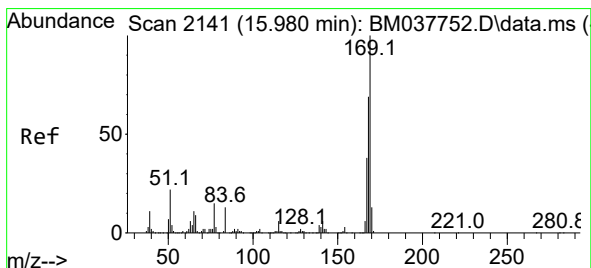
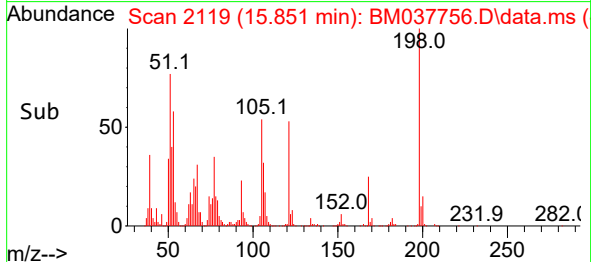
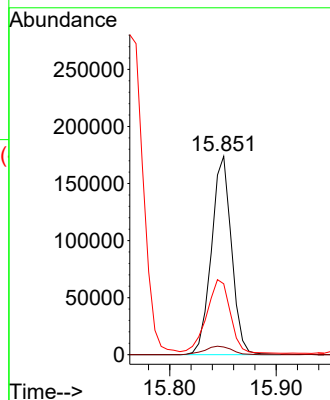
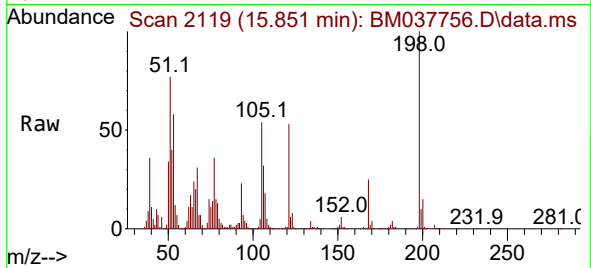




#66
4,6-Dinitro-2-methylphenol
Concen: 29.884 ng/ul
RT: 15.851 min Scan# 2119
Delta R.T. 0.006 min
Lab File: BM037756.D
Acq: 28 Nov 2022 12:54

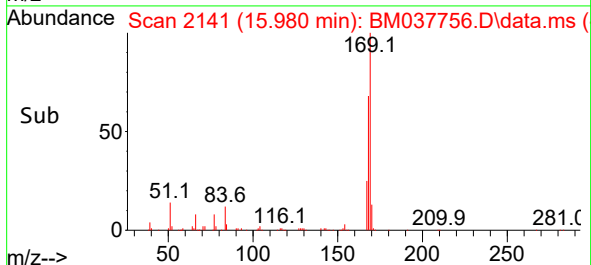
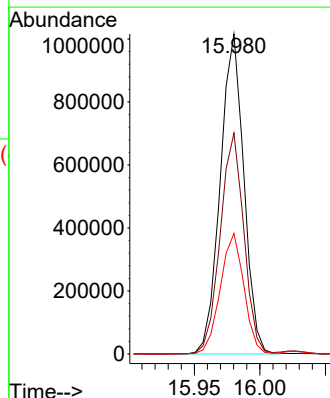
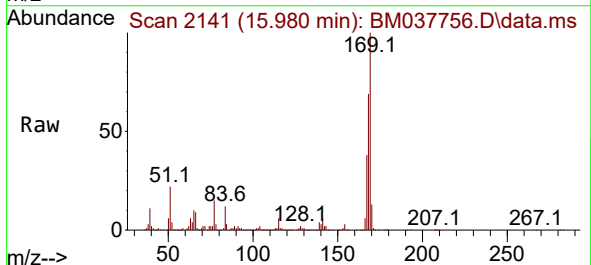
Instrument :
BNA_M
ClientSampleId :

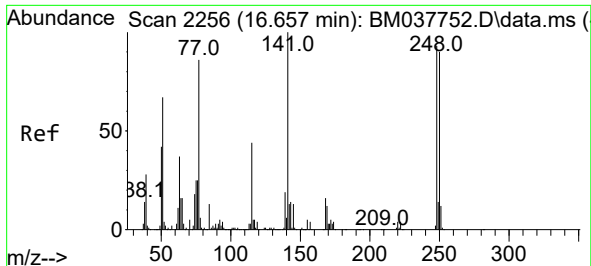
Tgt Ion:198 Resp: 227309
Ion Ratio Lower Upper
198 100
182 3.9 4.0 6.0#
77 35.7 27.9 41.9



#67
N-Nitrosodiphenylamine
Concen: 30.669 ng/ul
RT: 15.980 min Scan# 2141
Delta R.T. 0.000 min
Lab File: BM037756.D
Acq: 28 Nov 2022 12:54

Tgt Ion:169 Resp: 1269577
Ion Ratio Lower Upper
169 100
168 69.0 54.0 81.0
167 37.6 29.3 43.9

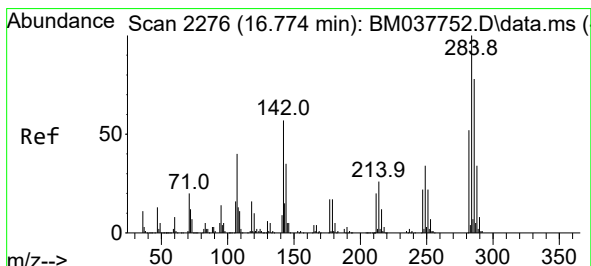
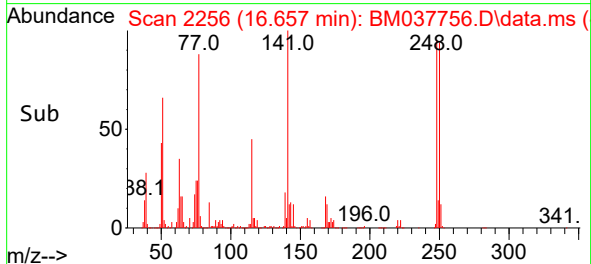
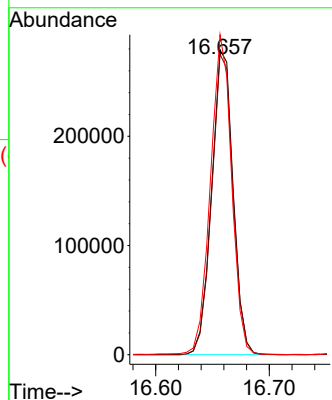
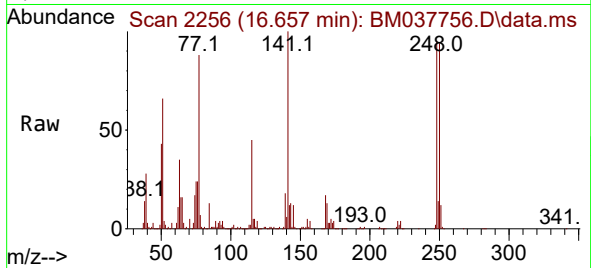




#68
4-Bromophenyl-phenylether
Concen: 34.163 ng/ul
RT: 16.657 min Scan# 2256
Delta R.T. 0.000 min
Lab File: BM037756.D
Acq: 28 Nov 2022 12:54

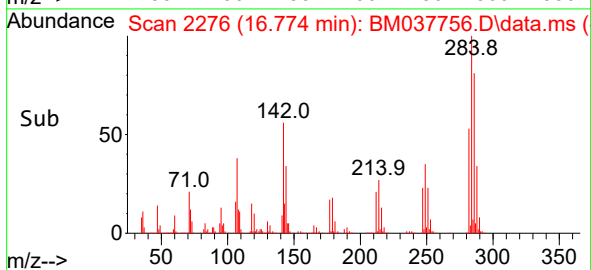
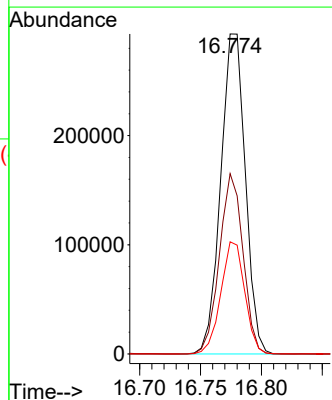
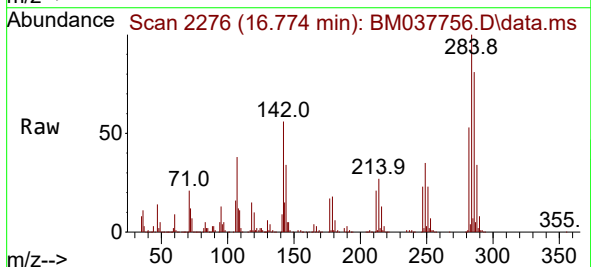
Instrument :
BNA_M
ClientSampleId :

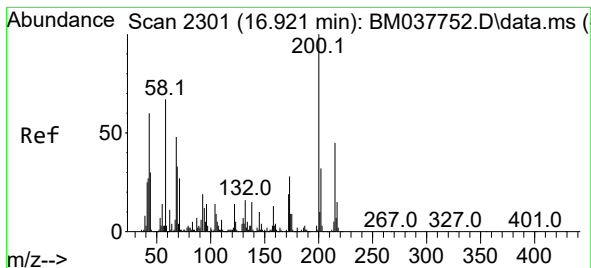
Tgt Ion:248 Resp: 366100
Ion Ratio Lower Upper
248 100
250 98.5 78.5 117.7
141 105.0 78.9 118.3



#69
Hexachlorobenzene
Concen: 30.007 ng/ul
RT: 16.774 min Scan# 2276
Delta R.T. 0.000 min
Lab File: BM037756.D
Acq: 28 Nov 2022 12:54

Tgt Ion:284 Resp: 412984
Ion Ratio Lower Upper
284 100
142 56.4 40.4 60.6
249 35.1 24.5 36.7





#70

Atrazine

Concen: 30.459 ng/ul

RT: 16.927 min Scan# 21

Delta R.T. 0.006 min

Lab File: BM037756.D

Acq: 28 Nov 2022 12:54

Instrument :

BNA_M

ClientSampleId :

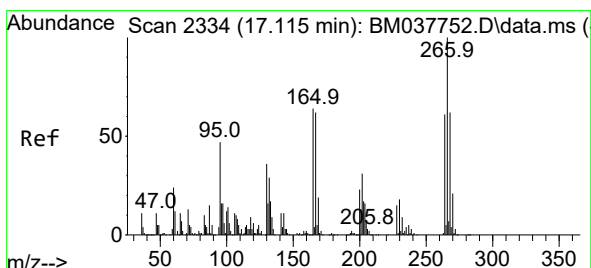
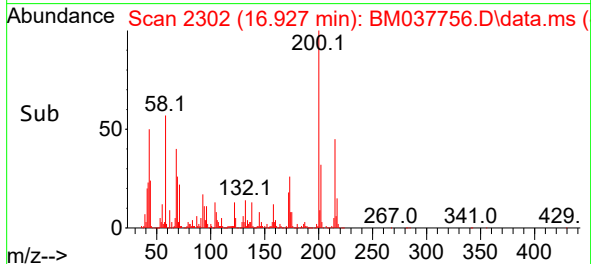
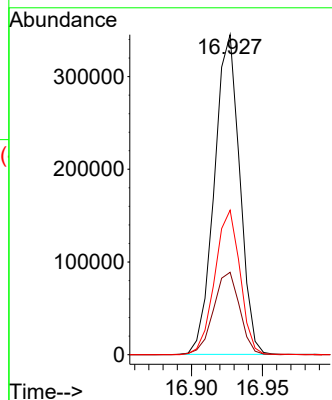
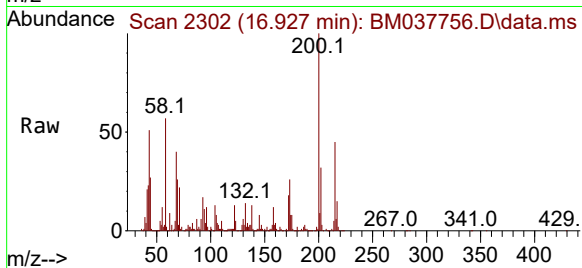
Tgt Ion:200 Resp: 427979

Ion Ratio Lower Upper

200 100

173 25.8 22.6 34.0

215 45.1 36.6 55.0



#71

Pentachlorophenol

Concen: 25.891 ng/ul

RT: 17.115 min Scan# 2334

Delta R.T. 0.000 min

Lab File: BM037756.D

Acq: 28 Nov 2022 12:54

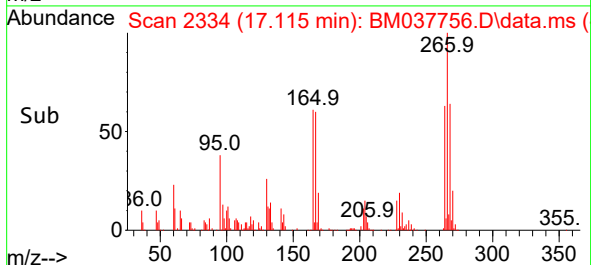
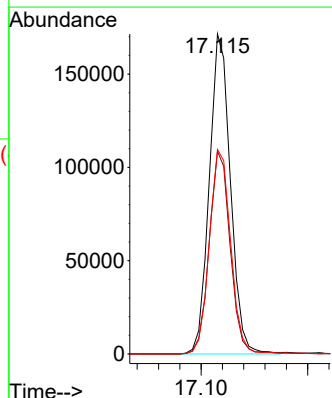
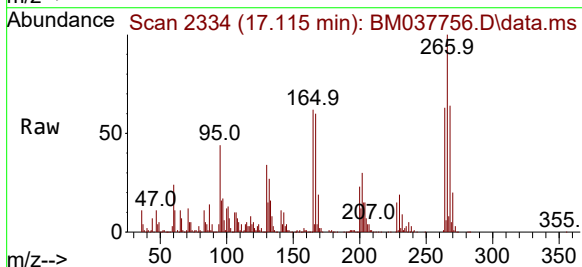
Tgt Ion:266 Resp: 235939

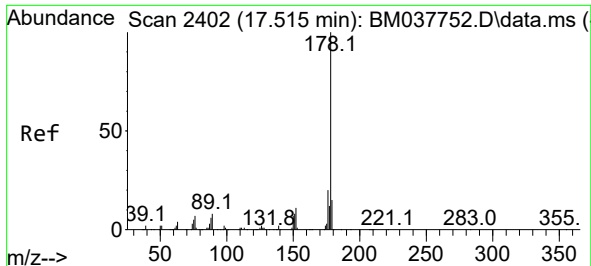
Ion Ratio Lower Upper

266 100

264 63.4 52.0 78.0

268 63.9 52.2 78.2

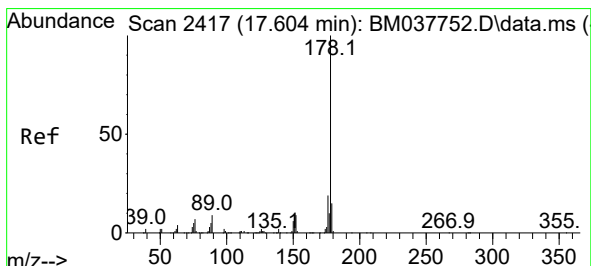
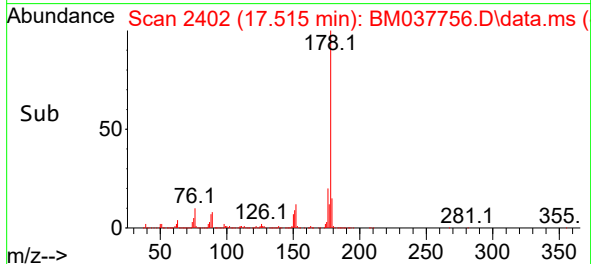
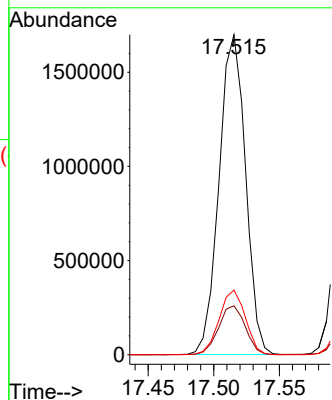
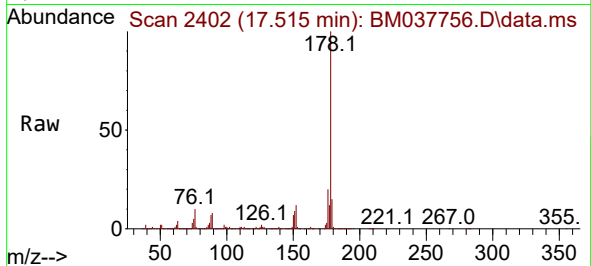




#72
Phenanthrene
Concen: 30.559 ng/ul
RT: 17.515 min Scan# 2402
Delta R.T. 0.000 min
Lab File: BM037756.D
Acq: 28 Nov 2022 12:54

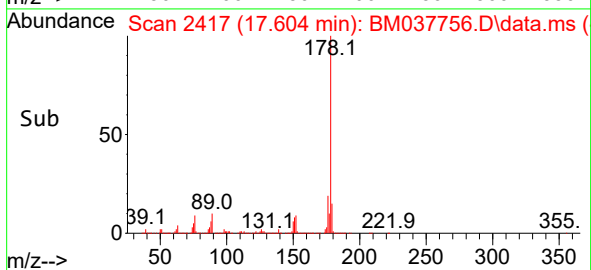
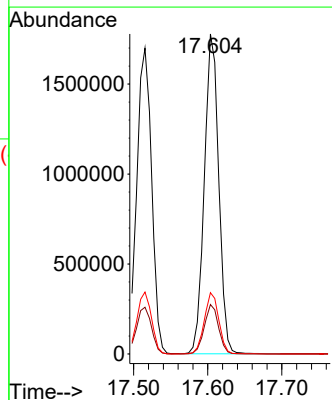
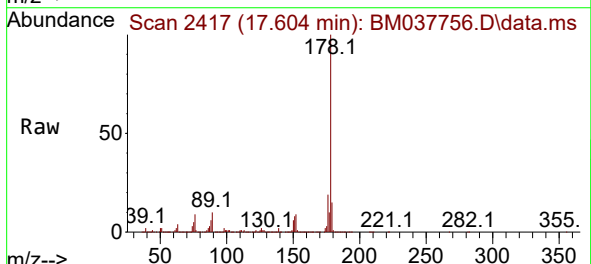
Instrument :
BNA_M
ClientSampleId :

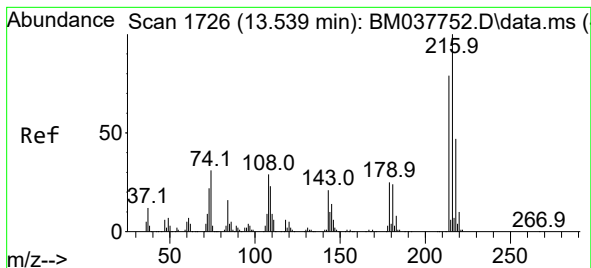
Tgt Ion:178 Resp: 2384955
Ion Ratio Lower Upper
178 100
179 15.3 12.0 18.0
176 20.2 15.4 23.2



#74
Anthracene
Concen: 30.323 ng/ul
RT: 17.604 min Scan# 2417
Delta R.T. 0.000 min
Lab File: BM037756.D
Acq: 28 Nov 2022 12:54

Tgt Ion:178 Resp: 2402564
Ion Ratio Lower Upper
178 100
179 15.4 12.6 18.8
176 19.2 15.0 22.4





#75

1,2,3,4-Tetrachlorobenzene

Concen: 31.006 ng/uL

RT: 13.545 min Scan# 1

Delta R.T. 0.006 min

Lab File: BM037756.D

Acq: 28 Nov 2022 12:54

Instrument :

BNA_M

ClientSampleId :

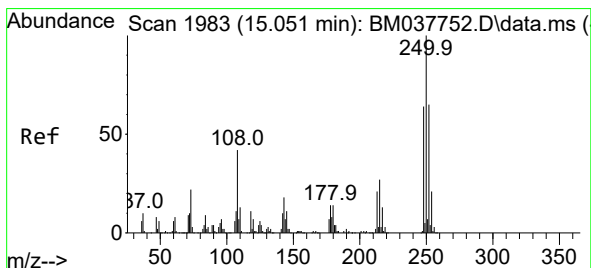
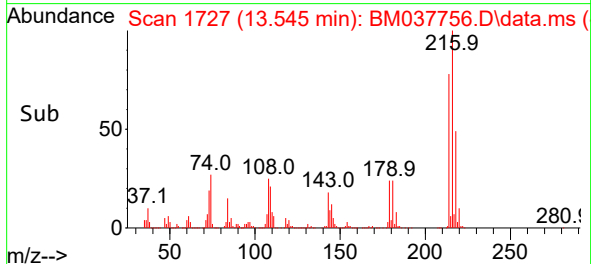
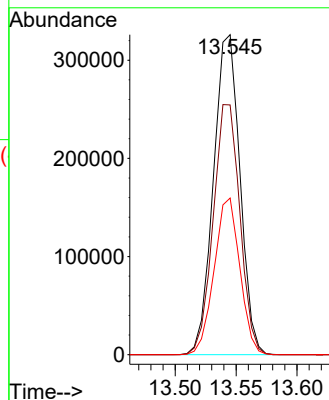
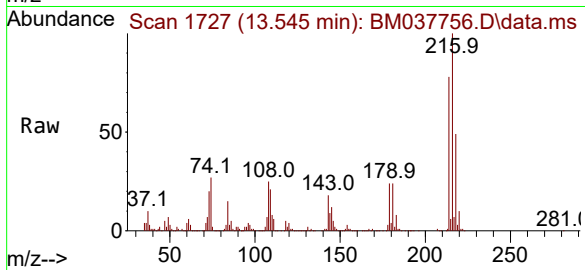
Tgt Ion:216 Resp: 494173

Ion Ratio Lower Upper

216 100

214 78.1 63.3 94.9

218 48.9 38.6 58.0



#76

Pentachlorobenzene

Concen: 28.007 ng/uL

RT: 15.051 min Scan# 1983

Delta R.T. 0.000 min

Lab File: BM037756.D

Acq: 28 Nov 2022 12:54

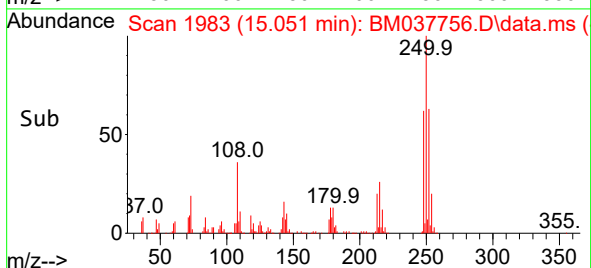
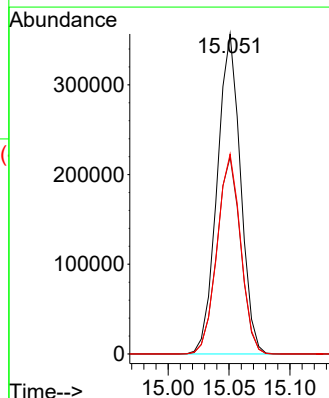
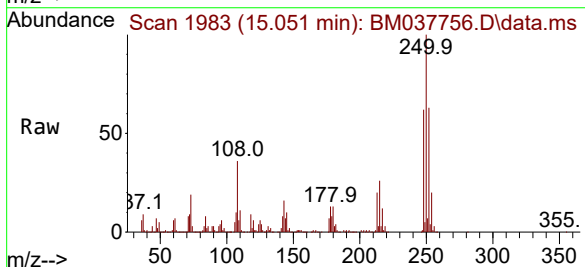
Tgt Ion:250 Resp: 474765

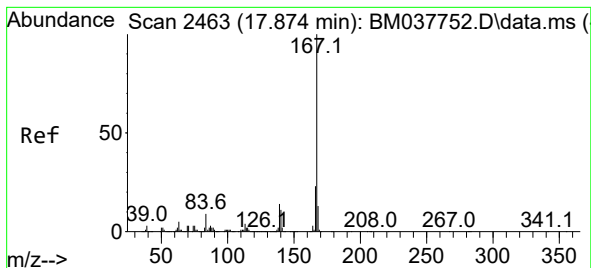
Ion Ratio Lower Upper

250 100

248 61.5 50.1 75.1

252 62.5 49.9 74.9





#77

Carbazole

Concen: 29.517 ng/ul

RT: 17.874 min Scan# 2463

Delta R.T. 0.000 min

Lab File: BM037756.D

Acq: 28 Nov 2022 12:54

Instrument :

BNA_M

ClientSampleId :

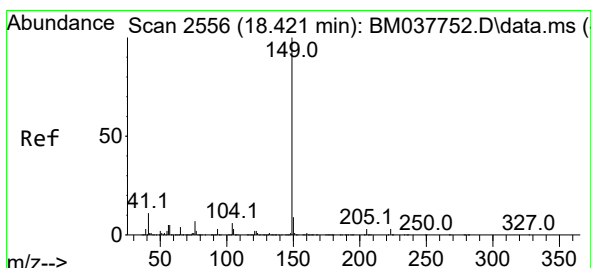
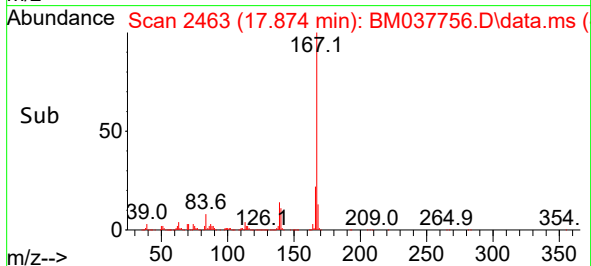
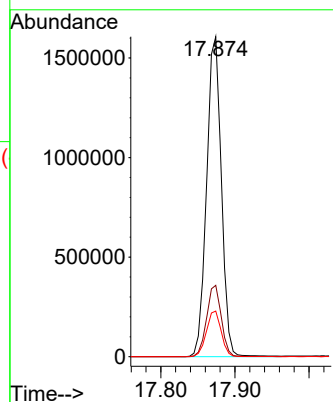
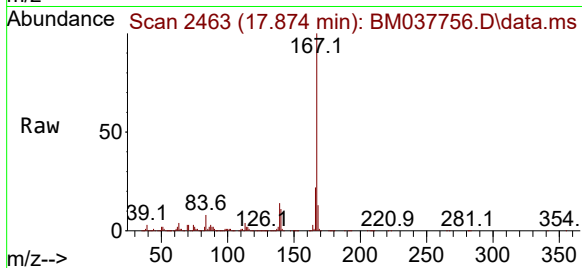
Tgt Ion:167 Resp: 2223453

Ion Ratio Lower Upper

167 100

166 22.3 17.5 26.3

139 14.2 10.9 16.3



#78

Di-n-butylphthalate

Concen: 27.649 ng/ul

RT: 18.427 min Scan# 2557

Delta R.T. 0.006 min

Lab File: BM037756.D

Acq: 28 Nov 2022 12:54

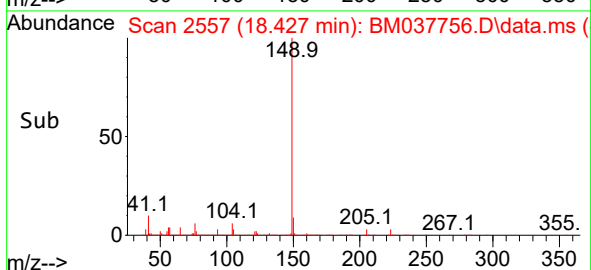
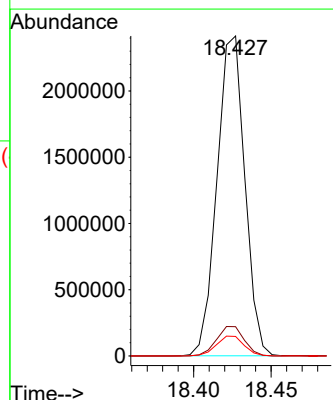
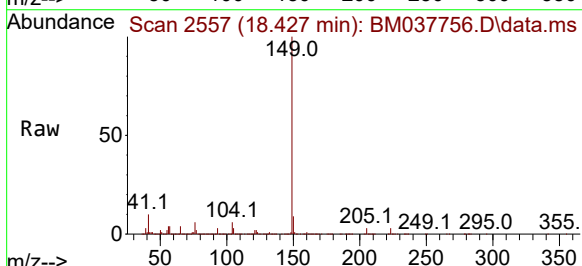
Tgt Ion:149 Resp: 3014951

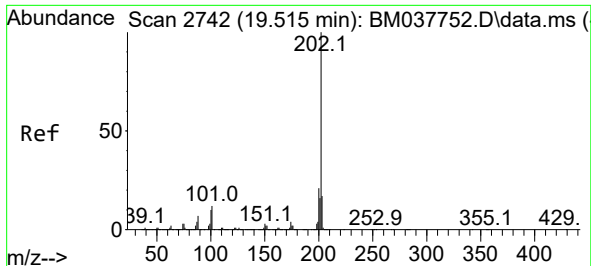
Ion Ratio Lower Upper

149 100

150 9.2 7.4 11.0

104 6.1 4.4 6.6

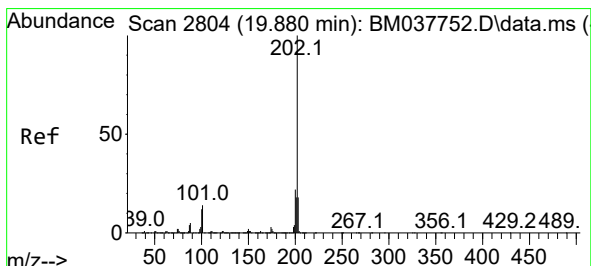
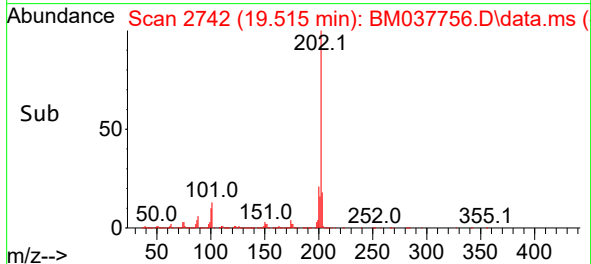
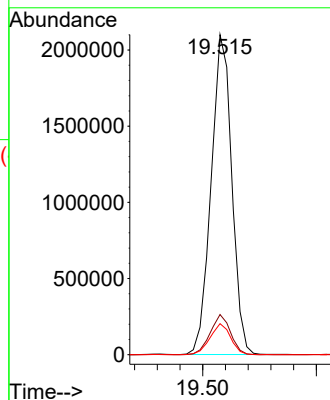
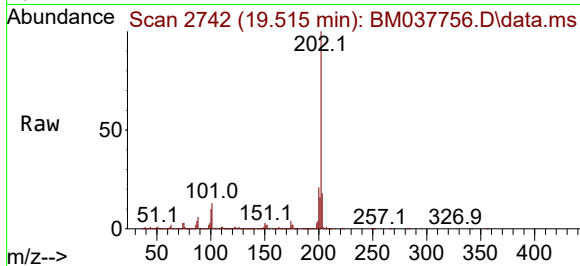




#80
Fluoranthene
Concen: 35.481 ng/ul
RT: 19.515 min Scan# 2742
Delta R.T. 0.000 min
Lab File: BM037756.D
Acq: 28 Nov 2022 12:54

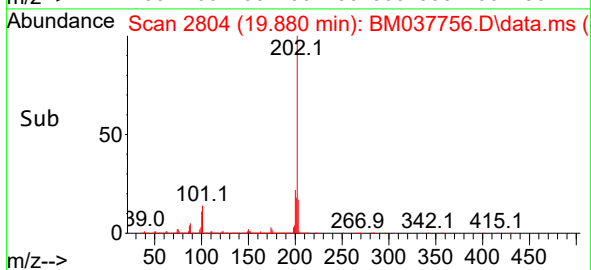
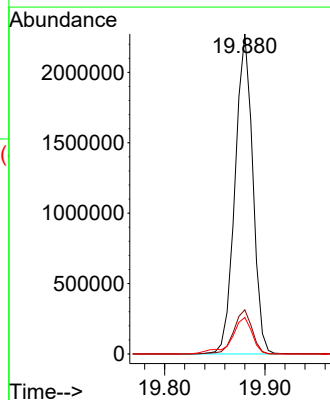
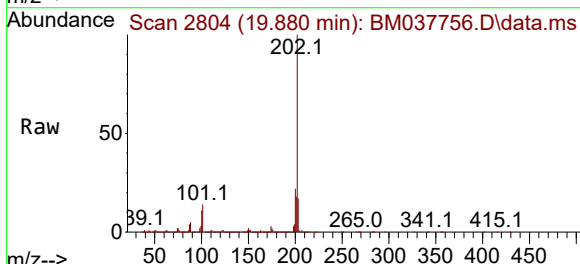
Instrument :
BNA_M
ClientSampleId :

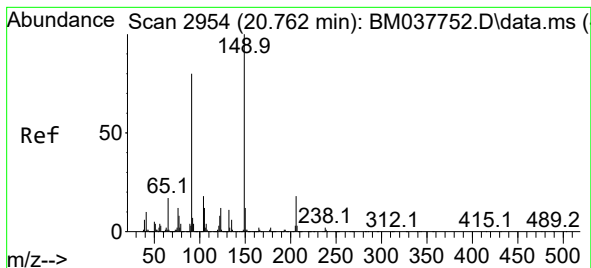
Tgt Ion:202 Resp: 2655888
Ion Ratio Lower Upper
202 100
101 12.6 10.6 16.0
100 9.7 8.2 12.4



#82
Pyrene
Concen: 35.221 ng/ul
RT: 19.880 min Scan# 2804
Delta R.T. 0.000 min
Lab File: BM037756.D
Acq: 28 Nov 2022 12:54

Tgt Ion:202 Resp: 2784717
Ion Ratio Lower Upper
202 100
101 13.8 12.2 18.4
100 11.4 10.2 15.2





#83

Butylbenzylphthalate

Concen: 36.600 ng/ul

RT: 20.762 min Scan# 2954

Delta R.T. 0.000 min

Lab File: BM037756.D

Acq: 28 Nov 2022 12:54

Instrument :

BNA_M

ClientSampleId :

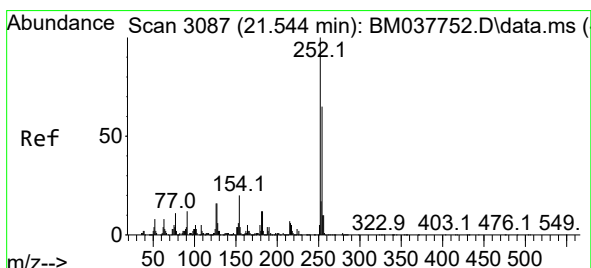
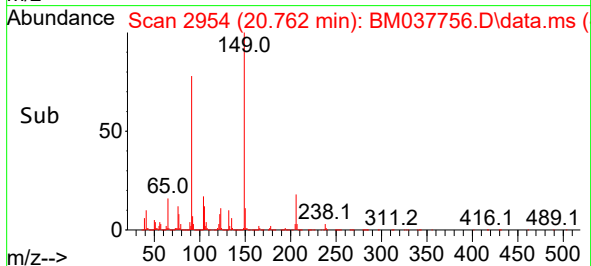
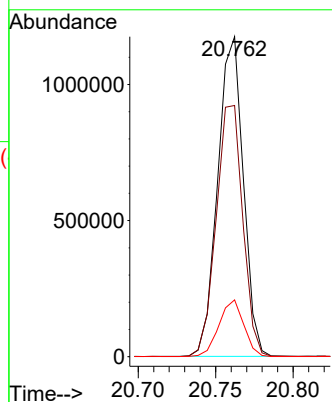
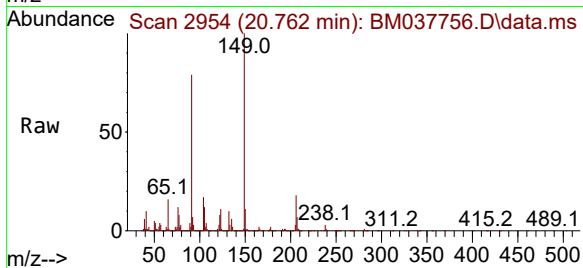
Tgt Ion:149 Resp: 1348001

Ion Ratio Lower Upper

149 100

91 78.5 65.9 98.9

206 17.8 13.4 20.2



#84

3,3'-Dichlorobenzidine

Concen: 24.704 ng/ul

RT: 21.544 min Scan# 3087

Delta R.T. 0.000 min

Lab File: BM037756.D

Acq: 28 Nov 2022 12:54

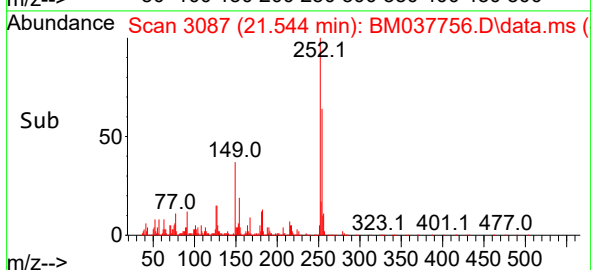
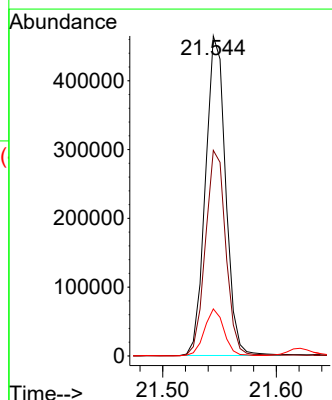
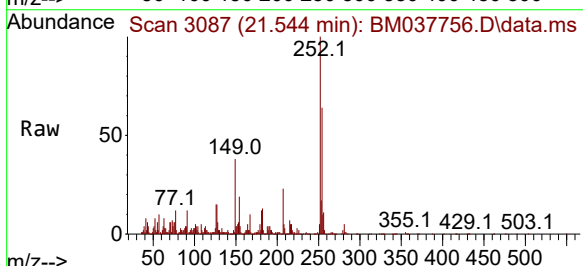
Tgt Ion:252 Resp: 572104

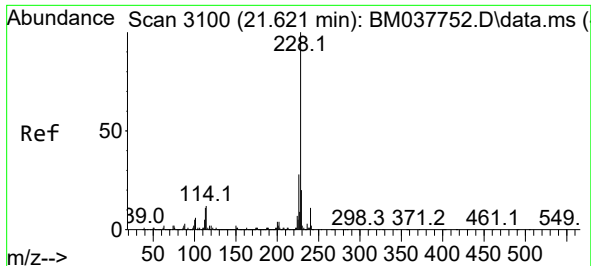
Ion Ratio Lower Upper

252 100

254 64.2 51.0 76.4

126 14.7 12.2 18.4

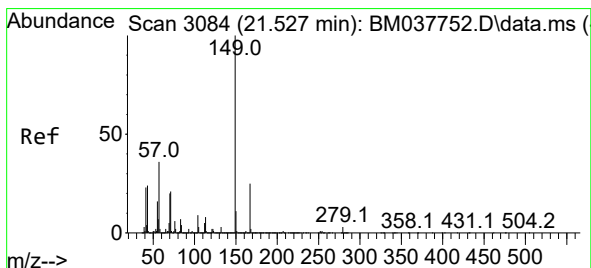
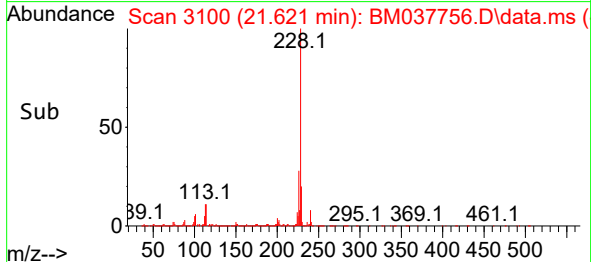
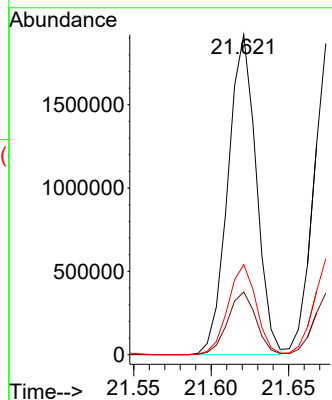
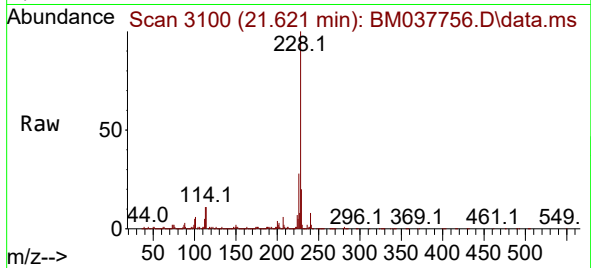




#85
Benzo(a)anthracene
Concen: 31.606 ng/ul
RT: 21.621 min Scan# 3100
Delta R.T. 0.000 min
Lab File: BM037756.D
Acq: 28 Nov 2022 12:54

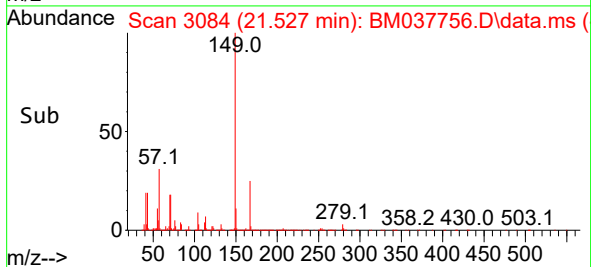
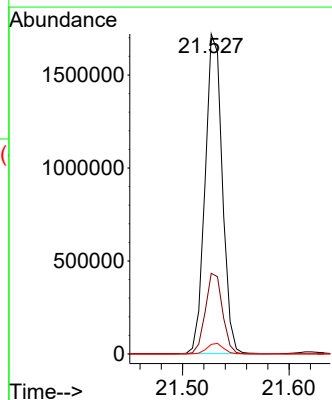
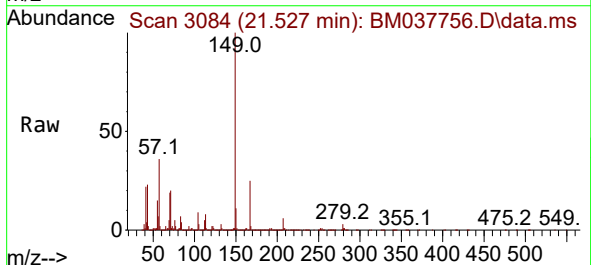
Instrument :
BNA_M
ClientSampleId :

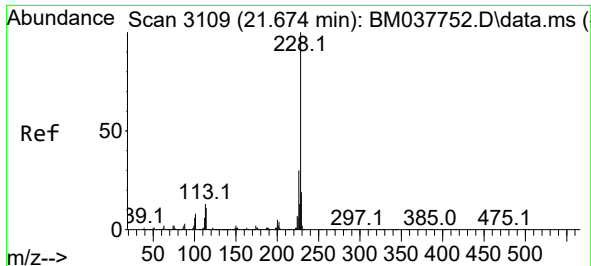
Tgt Ion:228 Resp: 2438111
Ion Ratio Lower Upper
228 100
229 19.6 15.6 23.4
226 28.1 22.2 33.2



#86
Bis(2-ethylhexyl)phthalate
Concen: 34.650 ng/ul
RT: 21.527 min Scan# 3084
Delta R.T. 0.000 min
Lab File: BM037756.D
Acq: 28 Nov 2022 12:54

Tgt Ion:149 Resp: 1928152
Ion Ratio Lower Upper
149 100
167 25.2 20.2 30.4
279 3.0 2.2 3.4

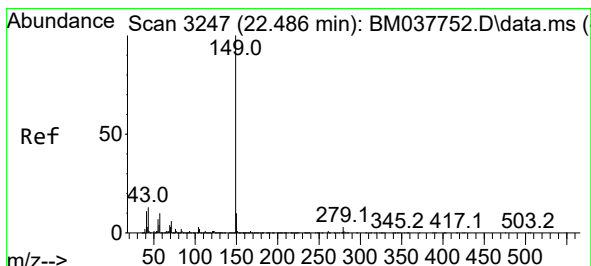
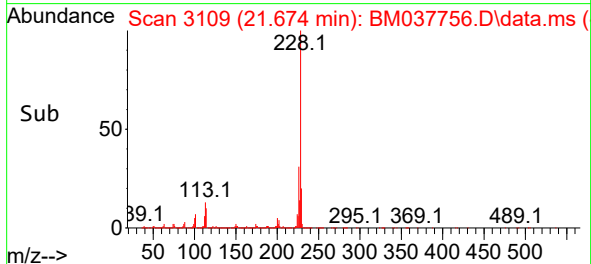
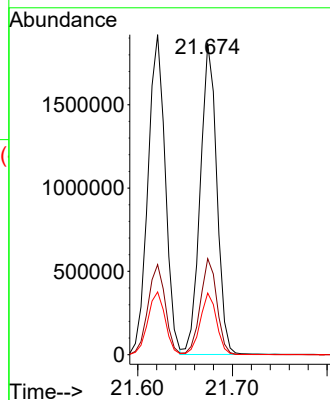
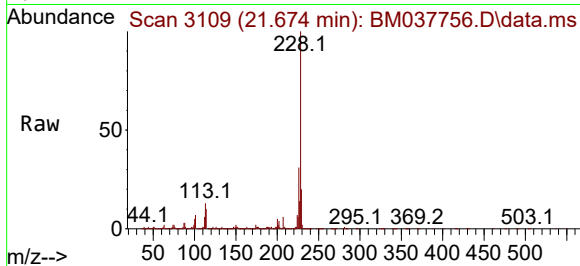




#87
Chrysene
Concen: 31.164 ng/ul
RT: 21.674 min Scan# 3109
Delta R.T. 0.000 min
Lab File: BM037756.D
Acq: 28 Nov 2022 12:54

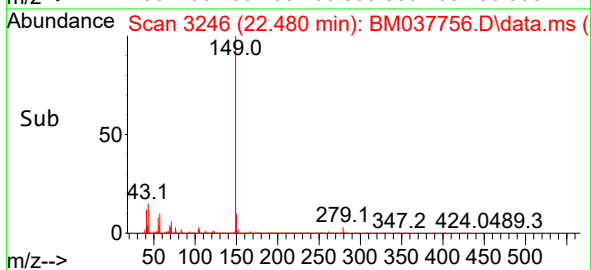
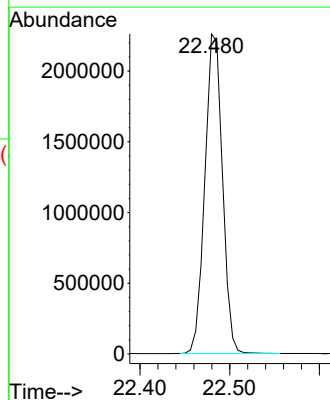
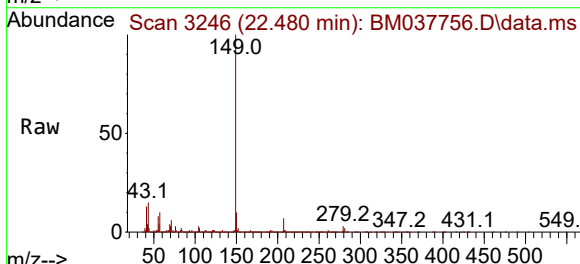
Instrument :
BNA_M
ClientSampleId :

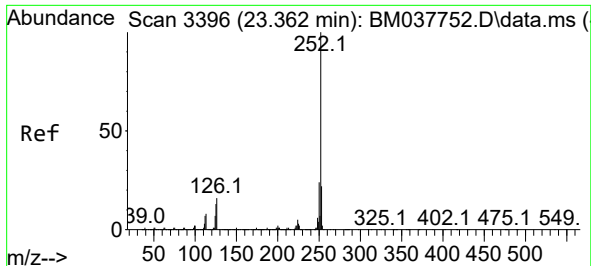
Tgt Ion:228 Resp: 2262317
Ion Ratio Lower Upper
228 100
226 30.8 24.2 36.4
229 19.8 16.1 24.1



#89
Di-n-octyl phthalate
Concen: 39.061 ng/ul
RT: 22.480 min Scan# 3246
Delta R.T. -0.006 min
Lab File: BM037756.D
Acq: 28 Nov 2022 12:54

Tgt Ion:149 Resp: 3072750

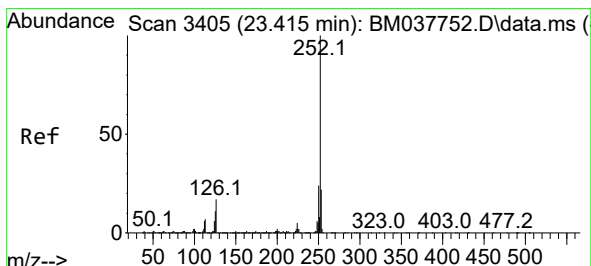
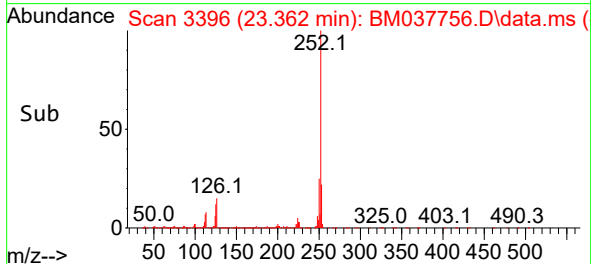
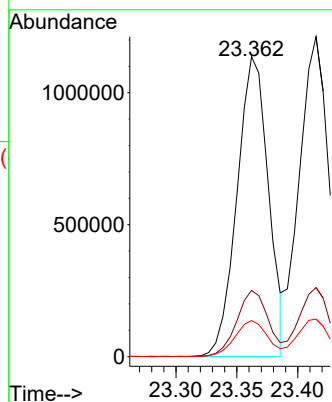
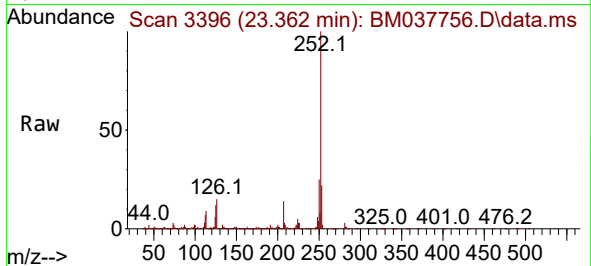




#90
Benzo(b)fluoranthene
Concen: 32.553 ng/ul
RT: 23.362 min Scan# 3396
Delta R.T. 0.000 min
Lab File: BM037756.D
Acq: 28 Nov 2022 12:54

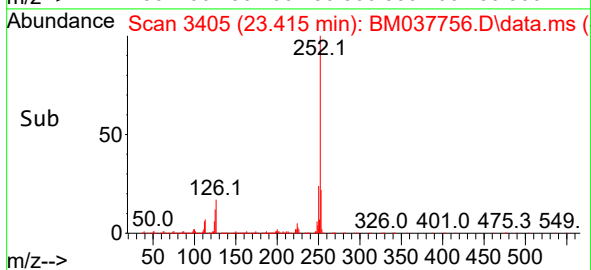
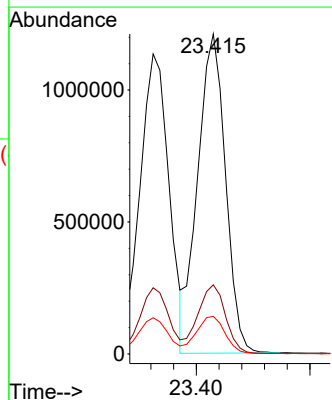
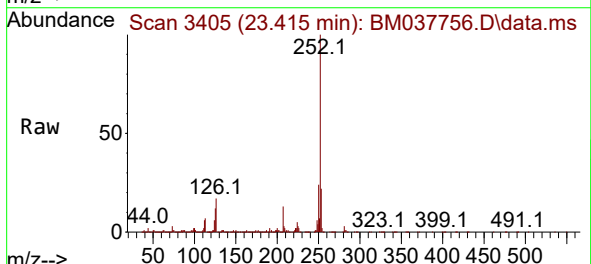
Instrument :
BNA_M
ClientSampleId :

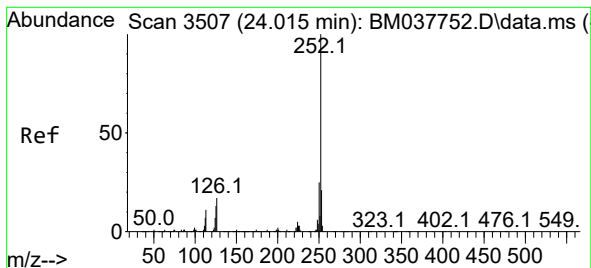
Tgt Ion:252 Resp: 2037960
Ion Ratio Lower Upper
252 100
253 22.1 17.8 26.6
125 12.1 11.0 16.4



#91
Benzo(k)fluoranthene
Concen: 33.652 ng/ul
RT: 23.415 min Scan# 3405
Delta R.T. 0.000 min
Lab File: BM037756.D
Acq: 28 Nov 2022 12:54

Tgt Ion:252 Resp: 2054505
Ion Ratio Lower Upper
252 100
253 21.6 17.5 26.3
125 11.8 10.6 16.0





#93

Benzo(a)pyrene

Concen: 31.771 ng/ul

RT: 24.015 min Scan# 3

Delta R.T. 0.000 min

Lab File: BM037756.D

Acq: 28 Nov 2022 12:54

Instrument :

BNA_M

ClientSampleId :

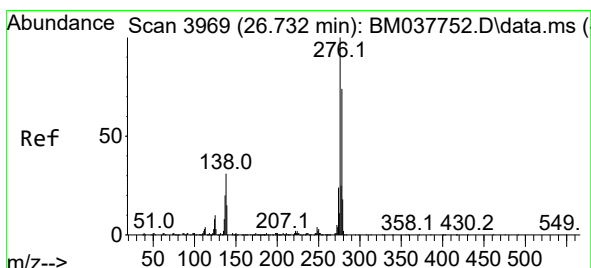
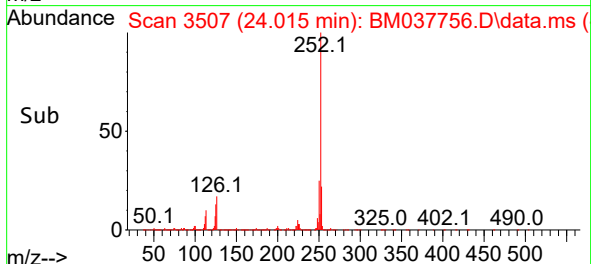
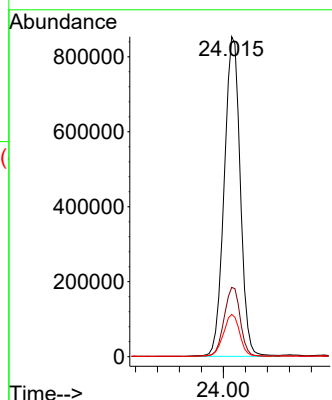
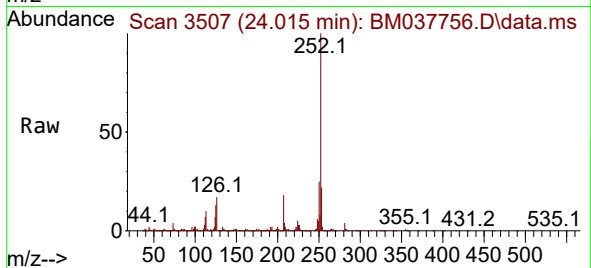
Tgt Ion:252 Resp: 1728694

Ion Ratio Lower Upper

252 100

253 21.6 17.3 25.9

125 13.2 12.0 18.0



#94

Indeno(1,2,3-cd)pyrene

Concen: 27.736 ng/ul

RT: 26.738 min Scan# 3970

Delta R.T. 0.006 min

Lab File: BM037756.D

Acq: 28 Nov 2022 12:54

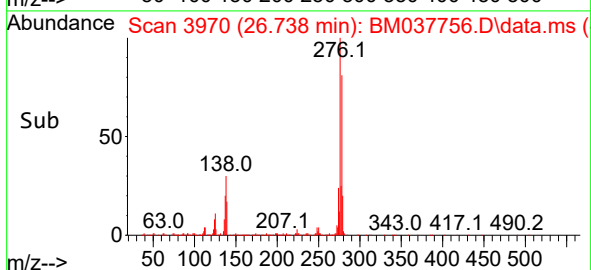
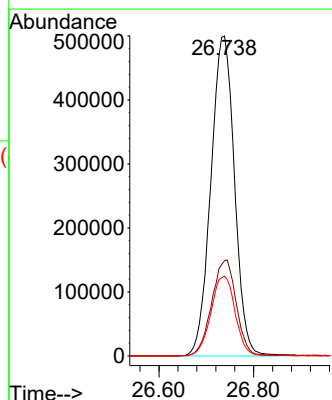
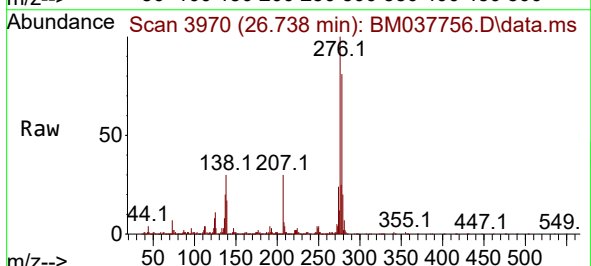
Tgt Ion:276 Resp: 1731364

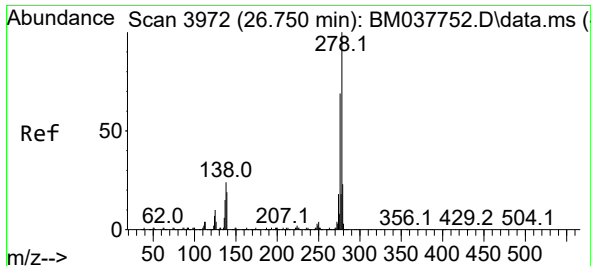
Ion Ratio Lower Upper

276 100

138 29.8 26.9 40.3

277 25.0 19.9 29.9



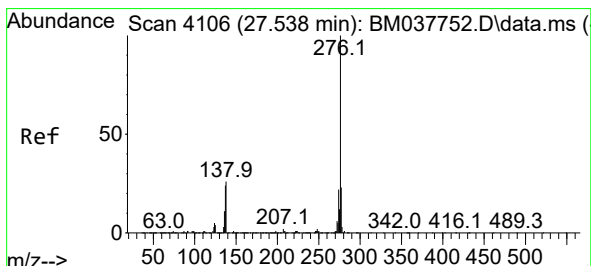
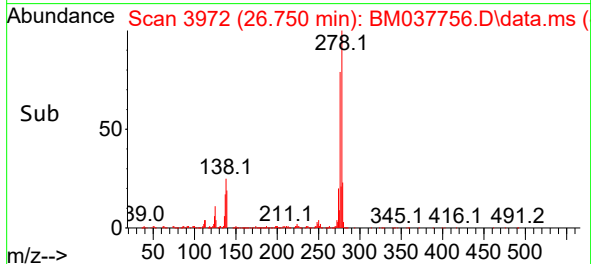
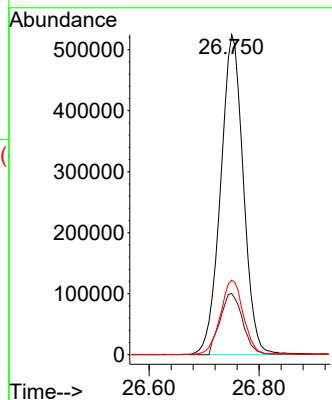
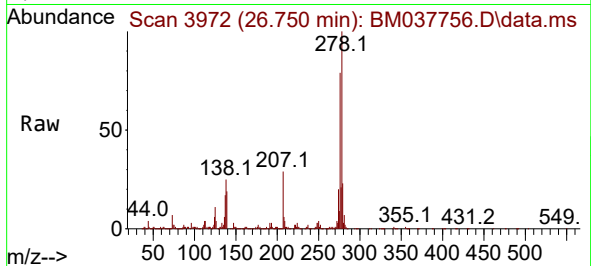


#95
 Dibenzo(a,h)anthracene
 Concen: 26.874 ng/ul
 RT: 26.750 min Scan# 3972
 Delta R.T. 0.000 min
 Lab File: BM037756.D
 Acq: 28 Nov 2022 12:54

Instrument :
 BNA_M
 ClientSampleId :

Tgt Ion:278 Resp: 1506178

Ion	Ratio	Lower	Upper
278	100		
139	19.1	16.6	25.0
279	23.3	19.3	28.9



#96
 Benzo(g,h,i)perylene
 Concen: 23.402 ng/ul
 RT: 27.538 min Scan# 4106
 Delta R.T. 0.000 min
 Lab File: BM037756.D
 Acq: 28 Nov 2022 12:54

Tgt Ion:276 Resp: 1272088

Ion	Ratio	Lower	Upper
276	100		
138	26.5	23.4	35.2
277	23.3	19.1	28.7

