

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111323\
 Data File : BM042759.D
 Acq On : 15 Nov 2023 07:00
 Operator : MA/JU
 Sample : PB156764BS
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Nov 15 09:07:56 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 14 00:02:28 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.828	152	25261	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.645	136	104872	20.000	ng/u1	#-0.01
38) Acenaphthene-d10	14.486	164	70227	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.239	188	156276	20.000	ng/u1	-0.01
79) Chrysene-d12	21.421	240	170096	20.000	ng/u1	-0.01
88) Perylene-d12	23.785	264	188934	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.181	96	5081	6.311	ng/uL	0.00
4) Pyridine-d5	3.616	84	69589	34.751	ng/u1	-0.01
7) Phenol-d5	6.998	99	81666	33.217	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.181	67	61655	35.689	ng/u1	0.00
11) 2-Chlorophenol-d4	7.351	132	61110	32.214	ng/u1	-0.01
15) 4-Methylphenol-d8	8.551	113	63013	32.552	ng/u1	-0.01
21) Nitrobenzene-d5	9.028	128	28626	31.133	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.745	143	32225	29.960	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.269	165	61736	30.868	ng/u1	0.00
31) 4-Chloroaniline-d4	10.816	131	71410	28.121	ng/u1	-0.01
46) Dimethylphthalate-d6	13.910	166	198791	29.909	ng/u1	0.00
49) Acenaphthylene-d8	14.186	160	216298	30.415	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.739	143	21320	28.392	ng/u1	0.00
60) Fluorene-d10	15.480	176	166770	30.301	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.627	200	33537	28.331	ng/u1	-0.01
73) Anthracene-d10	17.339	188	259979	29.684	ng/u1	-0.01
81) Pyrene-d10	19.633	212	342197	30.722	ng/u1	-0.01
92) Benzo(a)pyrene-d12	23.633	264	358673	31.738	ng/u1	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.216	88	11159	13.016	ng/uL#	92
5) Pyridine	3.640	79	76653	35.202	ng/u1	99
6) Benzaldehyde	6.998	77	52726	37.379	ng/u1	95
8) Phenol	7.028	94	86151	35.229	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.275	93	68152	33.738	ng/u1	95
12) 2-Chlorophenol	7.387	128	64012	33.906	ng/u1#	88
13) 2-Methylphenol	8.286	108	60194	33.008	ng/u1	91
14) 2,2'-oxybis(1-Chloropr...	8.339	45	74968	20.387	ng/u1	98
16) Acetophenone	8.686	105	103623	31.835	ng/u1	95
17) N-Nitroso-di-n-propyla...	8.651	70	65958	33.287	ng/u1	94
18) 4-Methylphenol	8.622	108	65927	33.252	ng/u1	97
19) Hexachloroethane	8.886	117	34699	32.976	ng/u1	91
22) Nitrobenzene	9.075	77	96968	34.893	ng/u1	96
23) Isophorone	9.581	82	180404	32.594	ng/u1	96
25) 2-Nitrophenol	9.775	139	35170	32.183	ng/u1	91
26) 2,4-Dimethylphenol	9.822	107	65451	27.993	ng/u1	100
27) Bis(2-Chloroethoxy)met...	10.069	93	92079	32.922	ng/u1	100
29) 2,4-Dichlorophenol	10.298	162	60824	32.122	ng/u1	97
30) Naphthalene	10.692	128	208819	31.783	ng/u1	98
32) 4-Chloroaniline	10.845	127	65483	26.879	ng/u1	98
33) Hexachlorobutadiene	10.916	225	49807	29.777	ng/u1	98
34) Caprolactam	11.663	113	13771	24.528	ng/u1	97
35) 4-Chloro-3-methylphenol	11.957	107	69523	34.264	ng/u1	98
36) 2-Methylnaphthalene	12.304	142	136591	31.020	ng/u1	100

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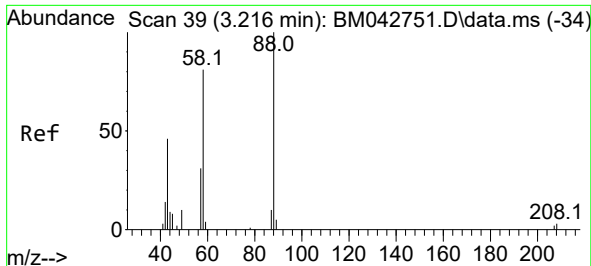
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.527	142	136874	29.564	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.657	216	86704	31.481	ng/ul	98
40) Hexachlorocyclopentadiene	12.598	237	29502	22.625	ng/ul	94
41) 2,4,6-Trichlorophenol	12.921	196	53416	31.751	ng/ul	97
42) 2,4,5-Trichlorophenol	12.998	196	51533	31.723	ng/ul	94
43) 1,1'-Biphenyl	13.321	154	186867	31.907	ng/ul	98
44) 2-Chloronaphthalene	13.368	162	150701	31.985	ng/ul	97
45) 2-Nitroaniline	13.621	65	54197	35.272	ng/ul	96
47) Dimethylphthalate	13.957	163	202048	31.211	ng/ul	100
48) 2,6-Dinitrotoluene	14.110	165	38495	31.652	ng/ul	98
50) Acenaphthylene	14.215	152	252199	31.650	ng/ul	100
51) 3-Nitroaniline	14.457	138	30095	30.261	ng/ul	94
52) Acenaphthene	14.551	153	173047	32.110	ng/ul	99
53) 2,4-Dinitrophenol	14.663	184	15388	25.446	ng/ul#	90
55) 4-Nitrophenol	14.751	109	36315	30.732	ng/ul	97
56) Dibenzofuran	14.886	168	234664	31.373	ng/ul	99
57) 2,4-Dinitrotoluene	14.892	165	58053	32.513	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.110	232	51799	30.718	ng/ul#	97
59) Diethylphthalate	15.304	149	208763	30.753	ng/ul	99
61) Fluorene	15.533	166	202199	31.840	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.527	204	108870	31.810	ng/ul	99
63) 4-Nitroaniline	15.621	138	29447	32.478	ng/ul	91
66) 4,6-Dinitro-2-methylph...	15.639	198	37292	30.944	ng/ul	90
67) N-Nitrosodiphenylamine	15.757	169	154092	31.438	ng/ul	98
68) 4-Bromophenyl-phenylether	16.427	248	63888	30.713	ng/ul	95
69) Hexachlorobenzene	16.504	284	78674	30.938	ng/ul	98
70) Atrazine	16.704	200	61195	32.413	ng/ul	99
71) Pentachlorophenol	16.874	266	43504	29.709	ng/ul	97
72) Phenanthrene	17.280	178	314620	32.226	ng/ul	99
74) Anthracene	17.374	178	304906	31.049	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.274	216	89592	32.422	ng/ul	99
76) Pentachlorobenzene	14.780	250	91251	31.472	ng/ul	99
77) Carbazole	17.668	167	257335	31.736	ng/ul	98
78) Di-n-butylphthalate	18.186	149	360786	30.427	ng/ul	98
80) Fluoranthene	19.297	202	397848	31.326	ng/ul	98
82) Pyrene	19.662	202	426959	31.706	ng/ul	96
83) Butylbenzylphthalate	20.544	149	169459	29.462	ng/ul	90
84) 3,3'-Dichlorobenzidine	21.356	252	122996	28.253	ng/ul	99
85) Benzo(a)anthracene	21.403	228	430322	32.228	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.291	149	254979	29.219	ng/ul	99
87) Chrysene	21.462	228	417366	32.230	ng/ul	99
89) Di-n-octyl phthalate	22.197	149	449128	29.429	ng/ul	100
90) Benzo(b)fluoranthene	23.056	252	427082	33.123	ng/ul	98
91) Benzo(k)fluoranthene	23.056	252	427082	31.116	ng/ul	99
93) Benzo(a)pyrene	23.680	252	428477	34.103	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.256	276	532028	34.073	ng/ul	97
95) Dibenzo(a,h)anthracene	26.262	278	434240	33.544	ng/ul	99
96) Benzo(g,h,i)perylene	27.021	276	417524	33.673	ng/ul	99

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

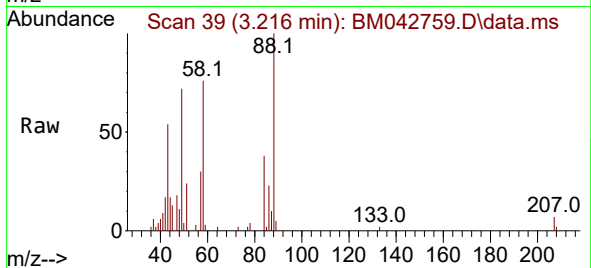
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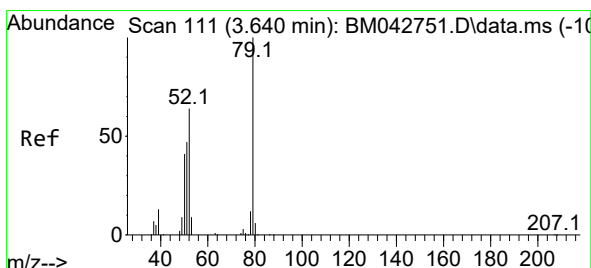
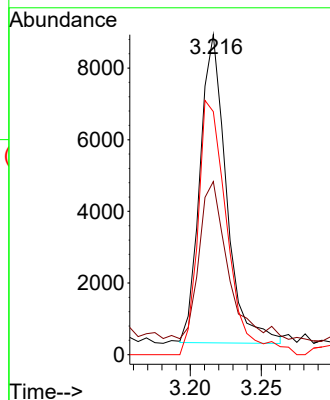
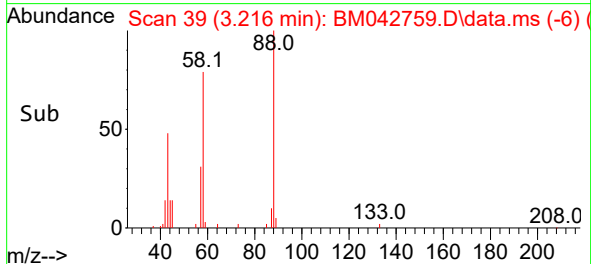


#2
1,4-Dioxane
Concen: 13.016 ng/uL
RT: 3.216 min Scan# 39
Delta R.T. -0.006 min
Lab File: BM042759.D
Acq: 15 Nov 2023 07:00

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BNA_M
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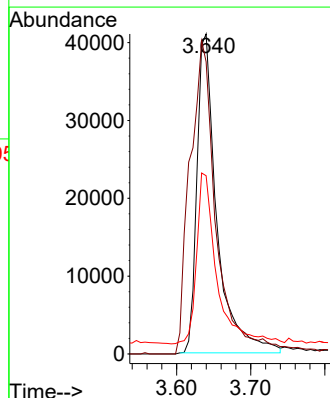
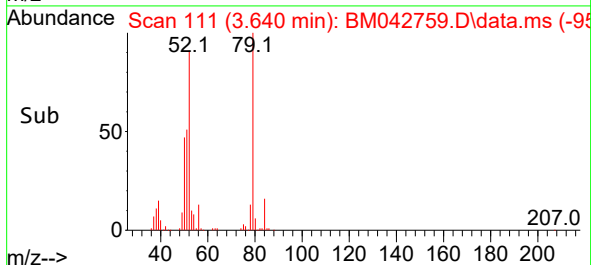
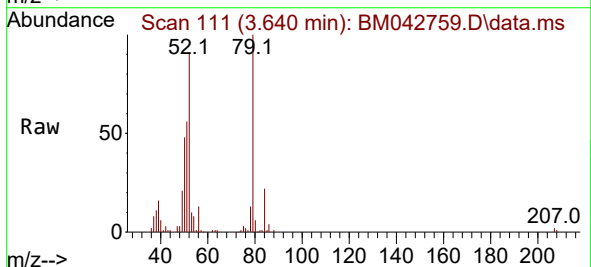


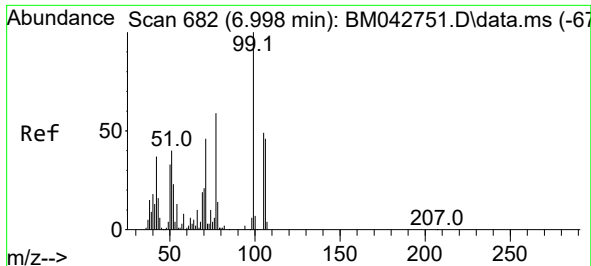
Tgt Ion: 88 Resp: 11159
Ion Ratio Lower Upper
88 100
43 54.1 34.3 51.5#
58 76.0 59.4 89.0



#5
Pyridine
Concen: 35.202 ng/uL
RT: 3.640 min Scan# 111
Delta R.T. -0.006 min
Lab File: BM042759.D
Acq: 15 Nov 2023 07:00

Tgt Ion: 79 Resp: 76653
Ion Ratio Lower Upper
79 100
52 91.3 74.6 111.8
51 55.7 44.6 67.0

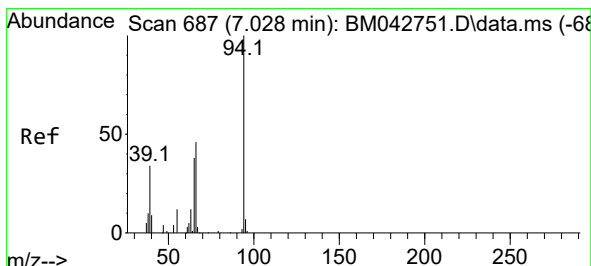
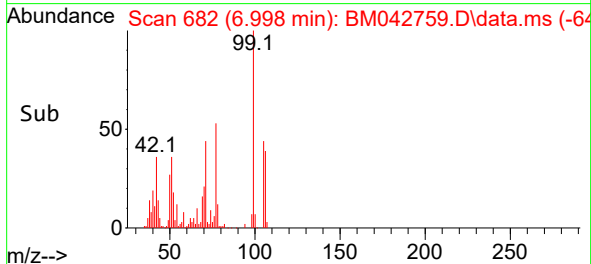
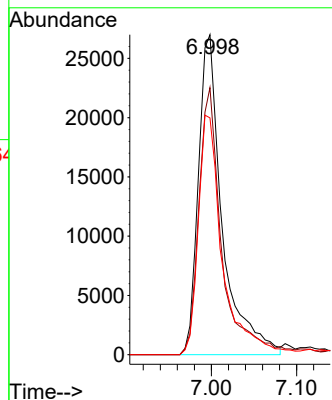
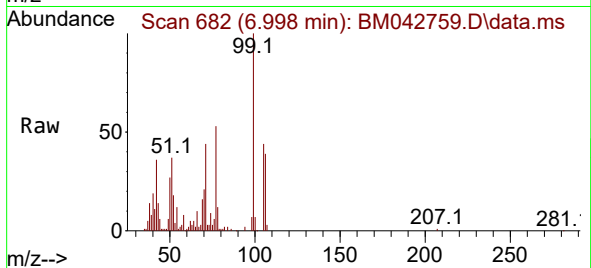




#6
Benzaldehyde
Concen: 37.379 ng/ul
RT: 6.998 min Scan# 682
Delta R.T. -0.006 min
Lab File: BM042759.D
Acq: 15 Nov 2023 07:00

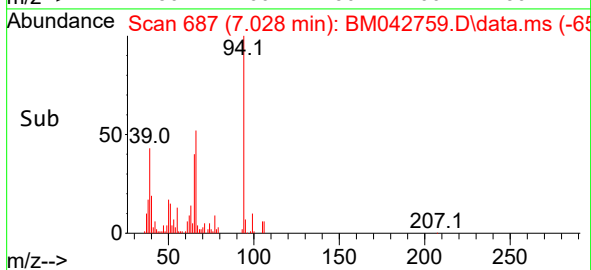
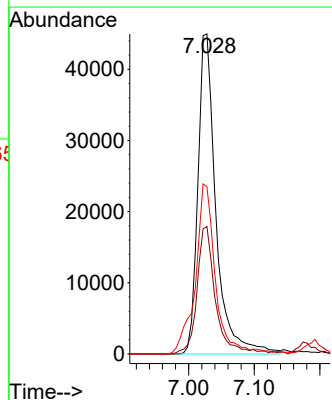
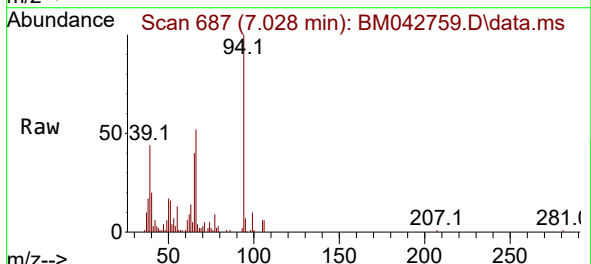
Instrument :
BNA_M
ClientSampleId :

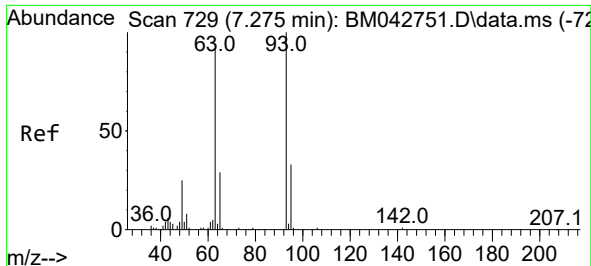
Tgt Ion: 77 Resp: 52726
Ion Ratio Lower Upper
77 100
105 83.5 69.6 104.4
106 74.0 64.2 96.2



#8
Phenol
Concen: 35.229 ng/ul
RT: 7.028 min Scan# 687
Delta R.T. -0.006 min
Lab File: BM042759.D
Acq: 15 Nov 2023 07:00

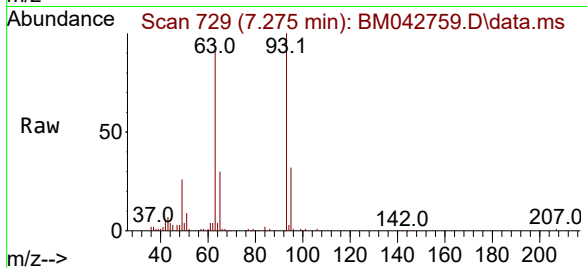
Tgt Ion: 94 Resp: 86151
Ion Ratio Lower Upper
94 100
65 39.9 30.3 45.5
66 52.3 39.9 59.9





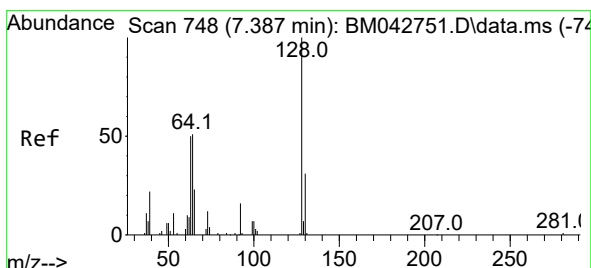
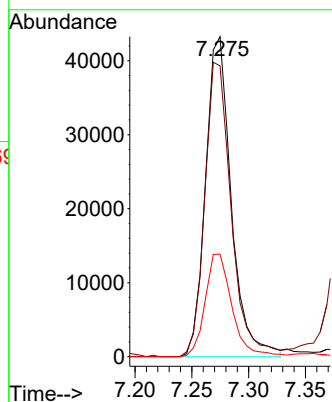
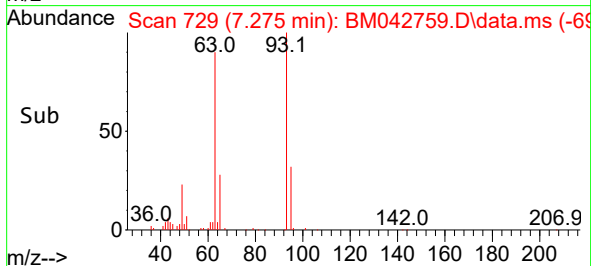
#10
 Bis(2-Chloroethyl)ether
 Concen: 33.738 ng/ul
 RT: 7.275 min Scan# 729
 Delta R.T. -0.006 min
 Lab File: BM042759.D
 Acq: 15 Nov 2023 07:00

Instrument :
 BNA_M
 ClientSampleId :

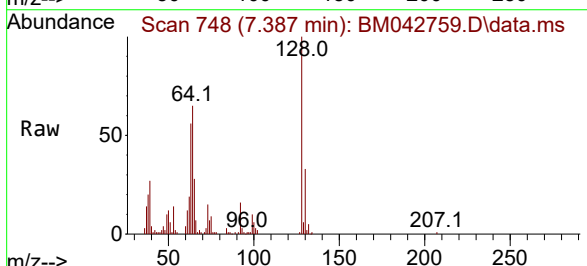


Tgt Ion: 93 Resp: 68152

Ion	Ratio	Lower	Upper
93	100		
63	90.9	68.6	102.8
95	32.1	24.8	37.2

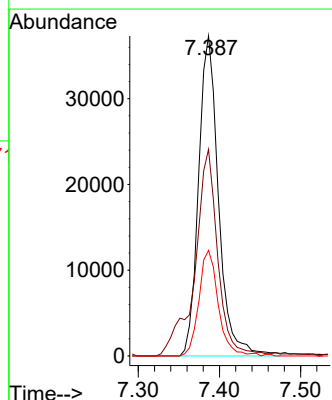
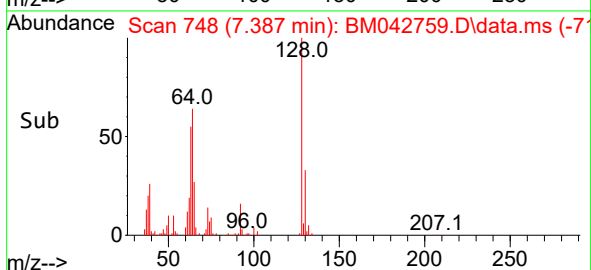


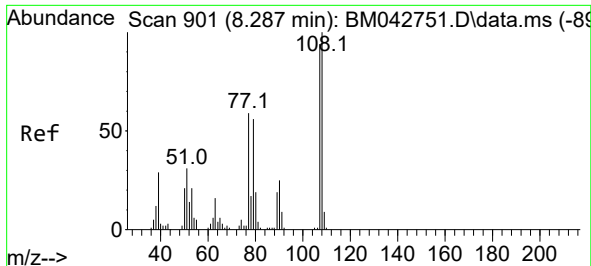
#12
 2-Chlorophenol
 Concen: 33.906 ng/ul
 RT: 7.387 min Scan# 748
 Delta R.T. -0.012 min
 Lab File: BM042759.D
 Acq: 15 Nov 2023 07:00



Tgt Ion: 128 Resp: 64012

Ion	Ratio	Lower	Upper
128	100		
64	64.5	42.9	64.3
130	33.0	23.9	35.9





#13

2-Methylphenol

Concen: 33.008 ng/ul

RT: 8.286 min Scan# 901

Delta R.T. -0.006 min

Lab File: BM042759.D

Acq: 15 Nov 2023 07:00

Instrument :

BNA_M

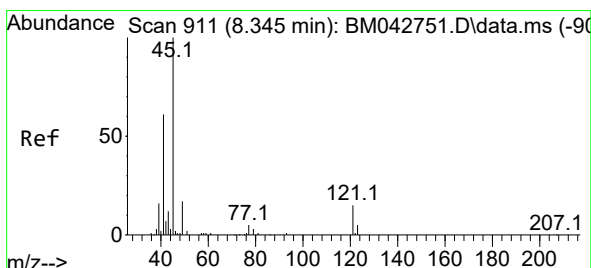
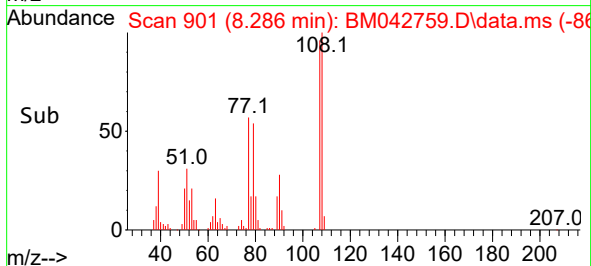
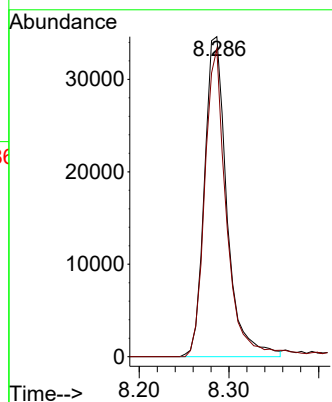
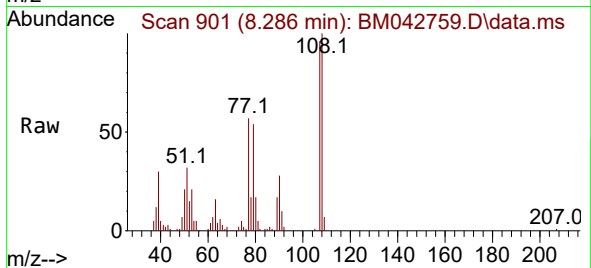
ClientSampleId :

Tgt Ion:108 Resp: 60194

Ion Ratio Lower Upper

108 100

107 96.2 70.4 105.6



#14

2,2'-oxybis(1-Chloropropane)

Concen: 20.387 ng/ul

RT: 8.339 min Scan# 910

Delta R.T. -0.012 min

Lab File: BM042759.D

Acq: 15 Nov 2023 07:00

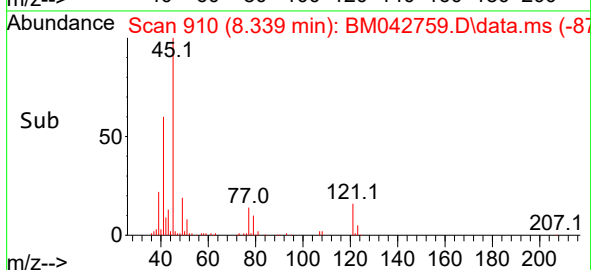
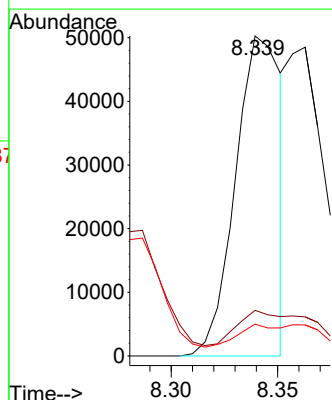
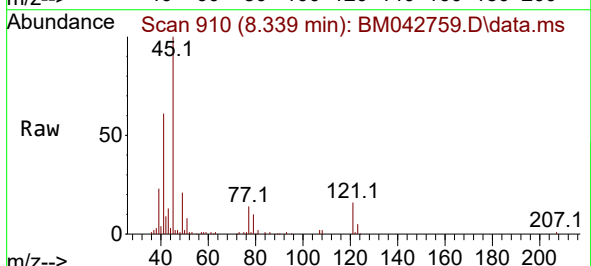
Tgt Ion: 45 Resp: 74968

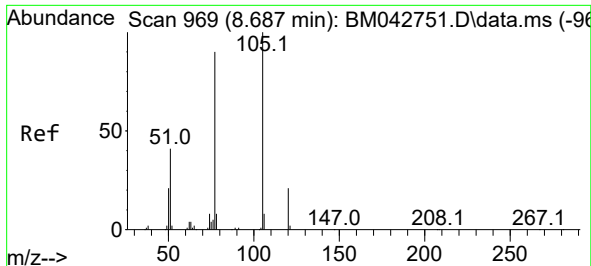
Ion Ratio Lower Upper

45 100

77 14.3 12.2 18.2

79 9.9 8.2 12.2

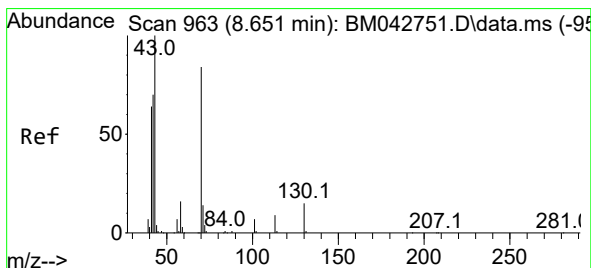
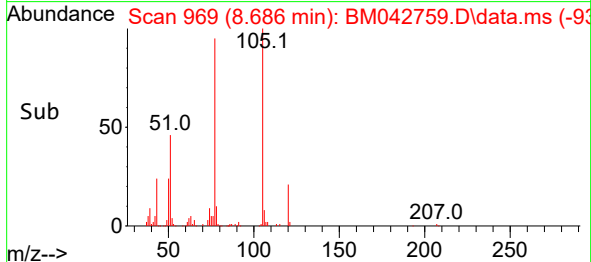
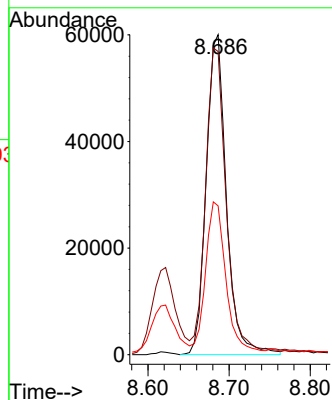
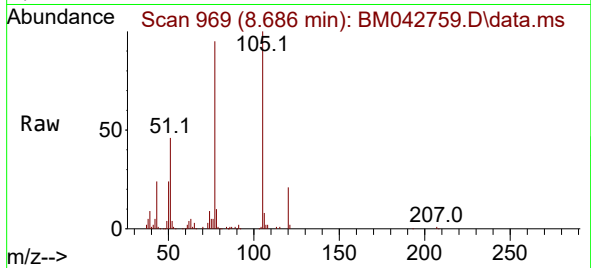




#16
Acetophenone
Concen: 31.835 ng/ul
RT: 8.686 min Scan# 969
Delta R.T. -0.006 min
Lab File: BM042759.D
Acq: 15 Nov 2023 07:00

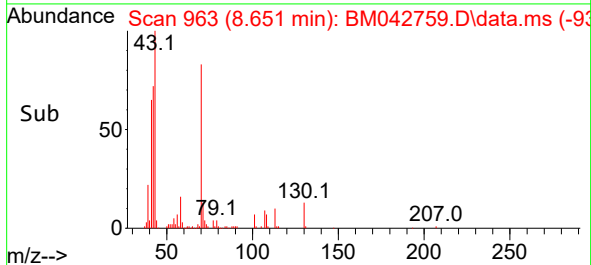
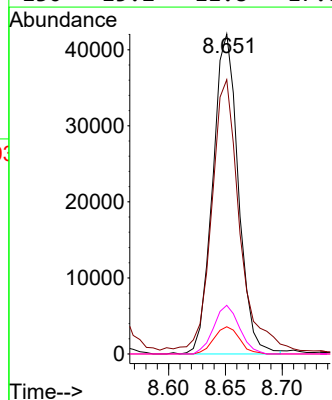
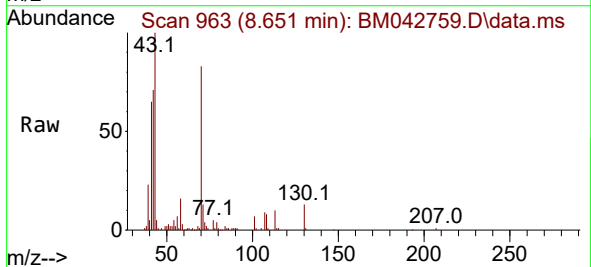
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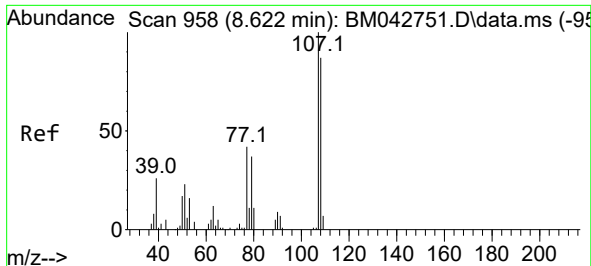
Tgt Ion:105 Resp: 103623
Ion Ratio Lower Upper
105 100
77 94.8 71.6 107.4
51 46.5 35.4 53.2



#17
N-Nitroso-di-n-propylamine
Concen: 33.287 ng/ul
RT: 8.651 min Scan# 963
Delta R.T. -0.006 min
Lab File: BM042759.D
Acq: 15 Nov 2023 07:00

Tgt Ion: 70 Resp: 65958
Ion Ratio Lower Upper
70 100
42 85.7 63.0 94.6
101 8.5 7.0 10.4
130 15.2 11.8 17.8





#18

4-Methylphenol

Concen: 33.252 ng/ul

RT: 8.622 min Scan# 91

Delta R.T. -0.006 min

Lab File: BM042759.D

Acq: 15 Nov 2023 07:00

Instrument :

BNA_M

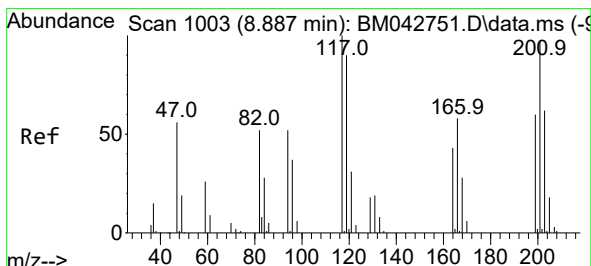
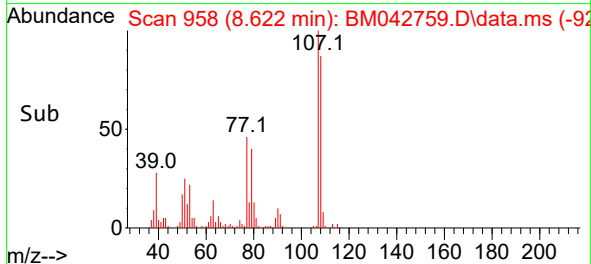
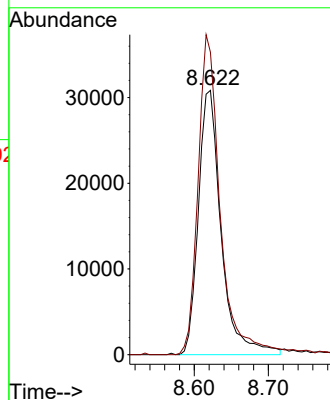
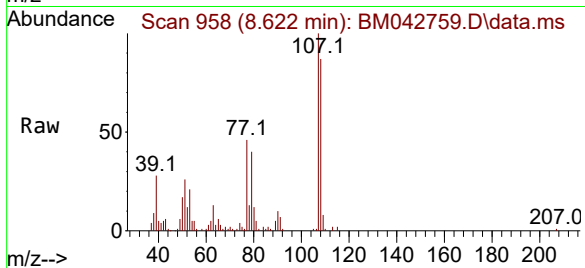
ClientSampleId :

Tgt Ion:108 Resp: 65927

Ion Ratio Lower Upper

108 100

107 114.4 89.4 134.0



#19

Hexachloroethane

Concen: 32.976 ng/ul

RT: 8.886 min Scan# 1003

Delta R.T. -0.006 min

Lab File: BM042759.D

Acq: 15 Nov 2023 07:00

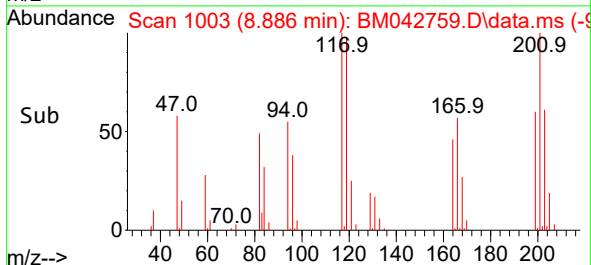
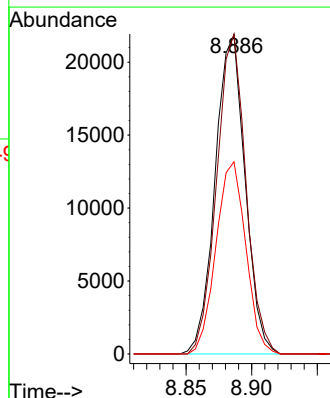
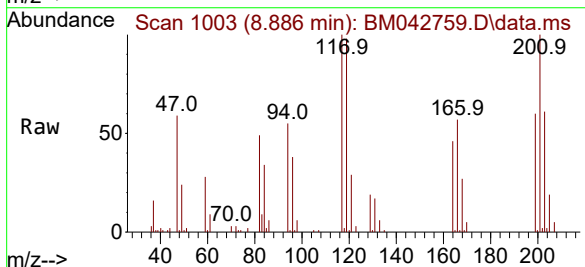
Tgt Ion:117 Resp: 34699

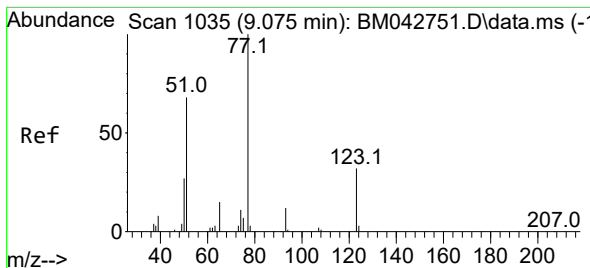
Ion Ratio Lower Upper

117 100

201 100.4 90.0 135.0

199 60.3 52.2 78.4

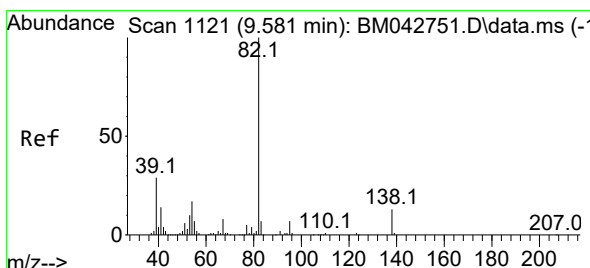
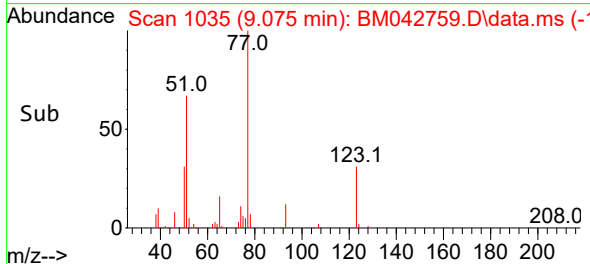
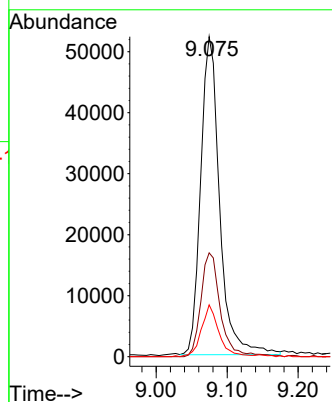
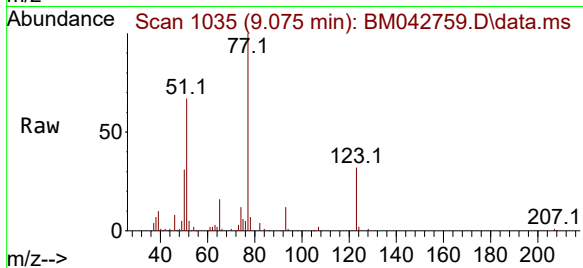




#22
Nitrobenzene
Concen: 34.893 ng/ul
RT: 9.075 min Scan# 1035
Delta R.T. -0.012 min
Lab File: BM042759.D
Acq: 15 Nov 2023 07:00

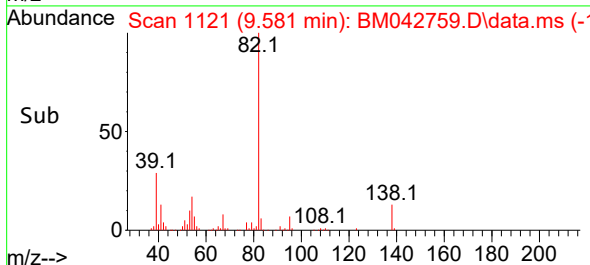
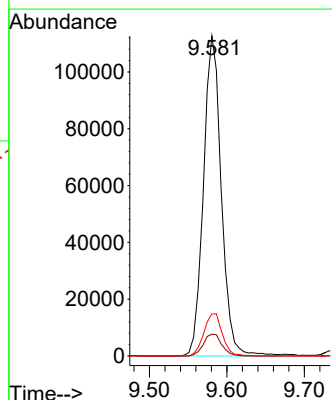
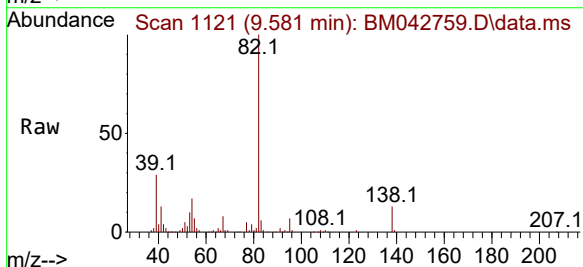
Instrument :
BNA_M
ClientSampleId :

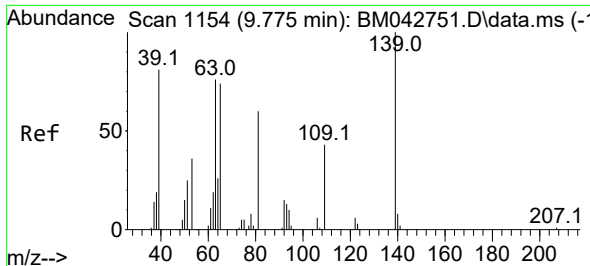
Tgt Ion	Ratio	Lower	Upper
77	100		
123	32.4	28.4	42.6
65	16.2	12.4	18.6



#23
Isophorone
Concen: 32.594 ng/ul
RT: 9.581 min Scan# 1121
Delta R.T. -0.012 min
Lab File: BM042759.D
Acq: 15 Nov 2023 07:00

Tgt Ion	Ratio	Lower	Upper
82	100		
95	6.8	6.4	9.6
138	13.1	12.1	18.1

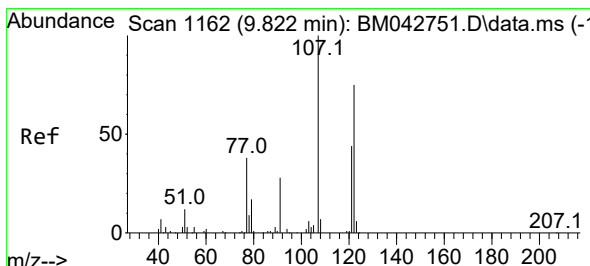
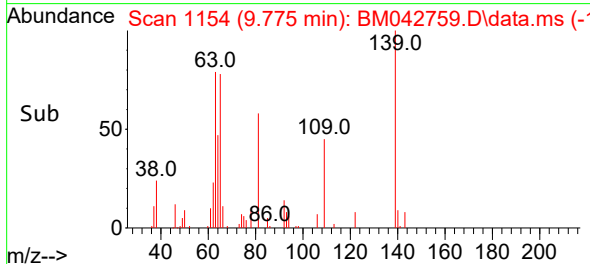
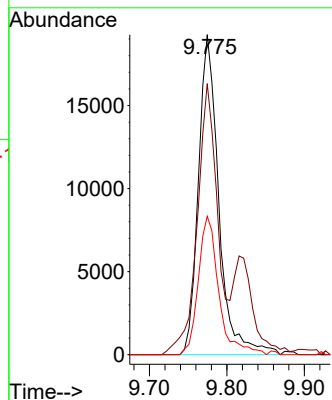
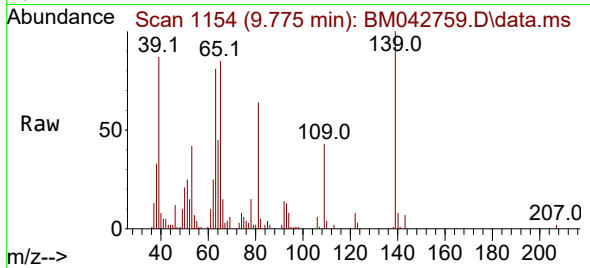




#25
2-Nitrophenol
Concen: 32.183 ng/ul
RT: 9.775 min Scan# 1154
Delta R.T. -0.012 min
Lab File: BM042759.D
Acq: 15 Nov 2023 07:00

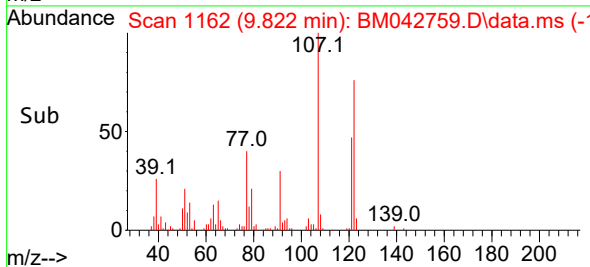
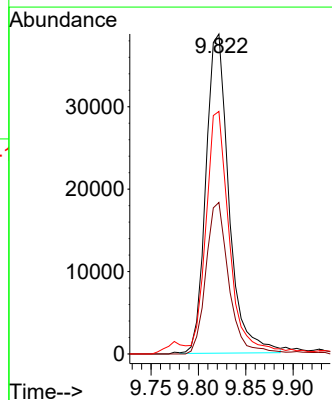
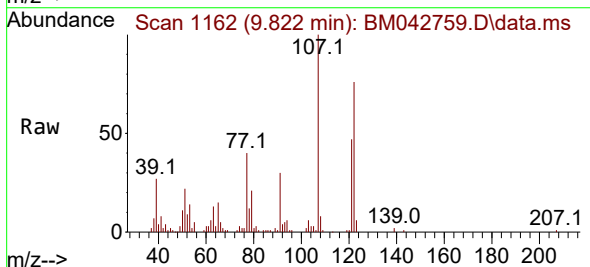
Instrument :
BNA_M
ClientSampleId :

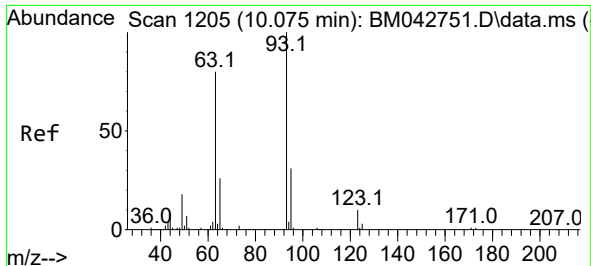
Tgt Ion:139 Resp: 35170
Ion Ratio Lower Upper
139 100
65 84.7 59.1 88.7
109 43.3 33.9 50.9



#26
2,4-Dimethylphenol
Concen: 27.993 ng/ul
RT: 9.822 min Scan# 1162
Delta R.T. -0.006 min
Lab File: BM042759.D
Acq: 15 Nov 2023 07:00

Tgt Ion:107 Resp: 65451
Ion Ratio Lower Upper
107 100
121 47.4 38.0 57.0
122 75.8 60.5 90.7

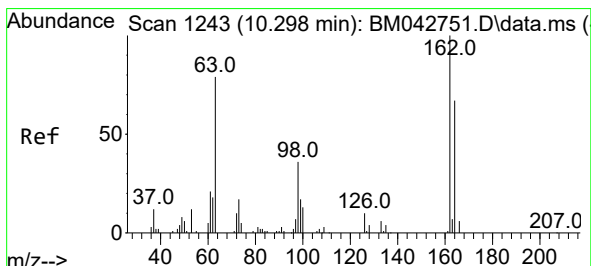
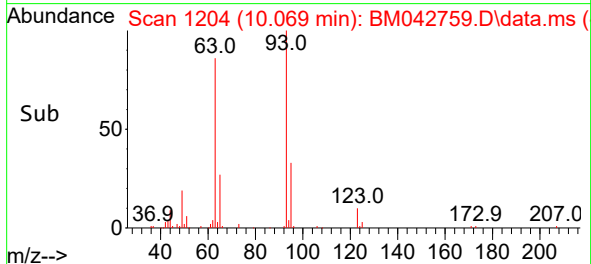
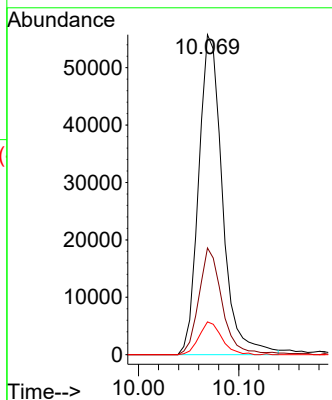
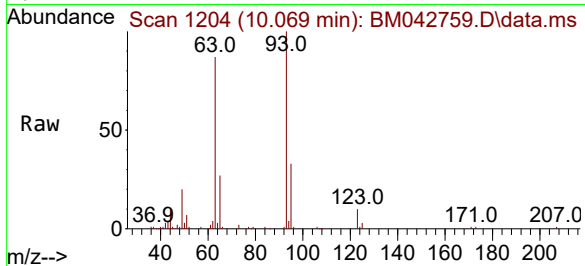




#27
 Bis(2-Chloroethoxy)methane
 Concen: 32.922 ng/ul
 RT: 10.069 min Scan# 1204
 Delta R.T. -0.012 min
 Lab File: BM042759.D
 Acq: 15 Nov 2023 07:00

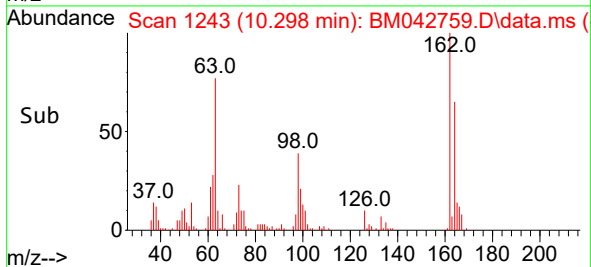
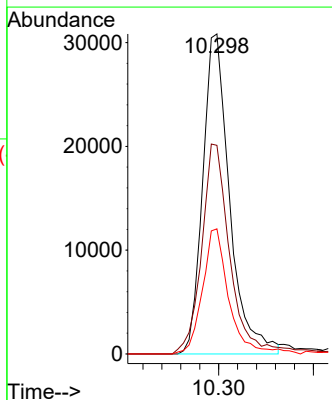
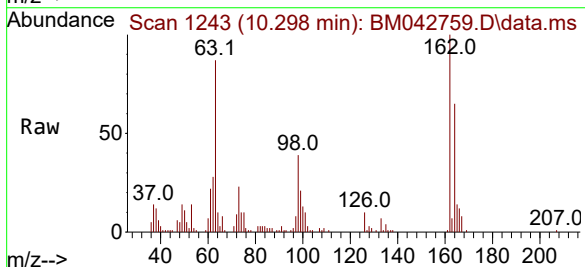
Instrument :
 BNA_M
 ClientSampleId :

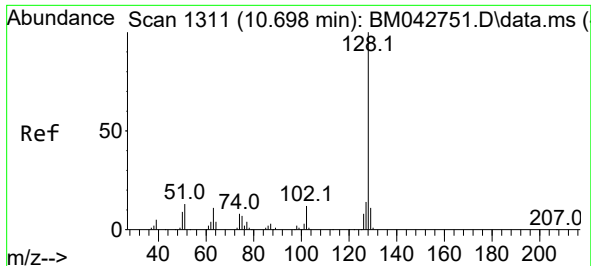
Tgt Ion: 93 Resp: 92079
 Ion Ratio Lower Upper
 93 100
 95 33.4 26.5 39.7
 123 10.2 8.2 12.2



#29
 2,4-Dichlorophenol
 Concen: 32.122 ng/ul
 RT: 10.298 min Scan# 1243
 Delta R.T. -0.006 min
 Lab File: BM042759.D
 Acq: 15 Nov 2023 07:00

Tgt Ion:162 Resp: 60824
 Ion Ratio Lower Upper
 162 100
 164 65.2 53.4 80.2
 98 39.1 28.4 42.6

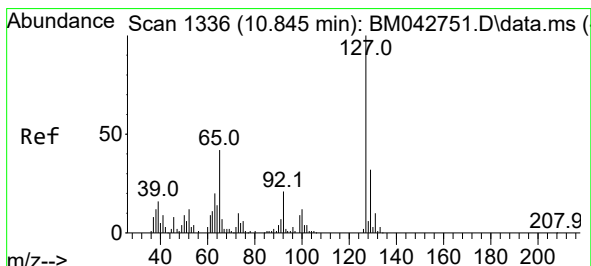
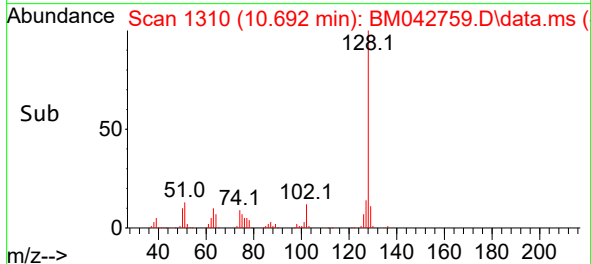
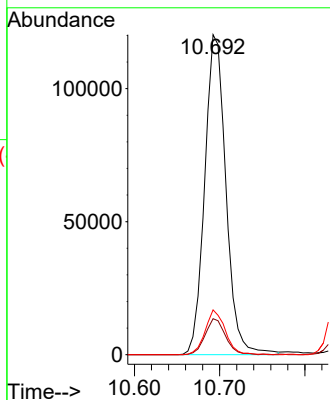
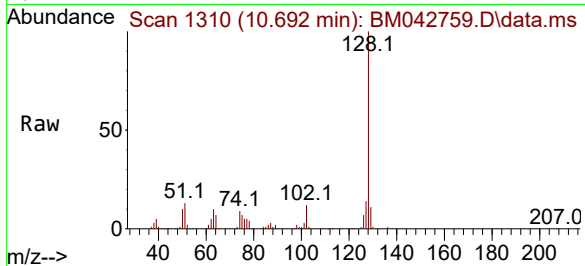




#30
Naphthalene
Concen: 31.783 ng/ul
RT: 10.692 min Scan# 11
Delta R.T. -0.012 min
Lab File: BM042759.D
Acq: 15 Nov 2023 07:00

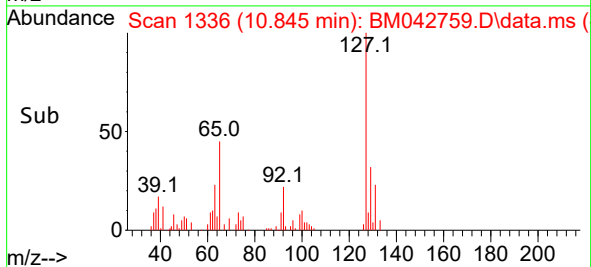
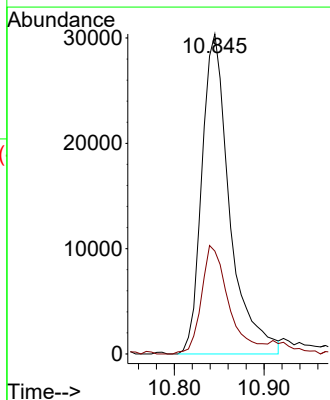
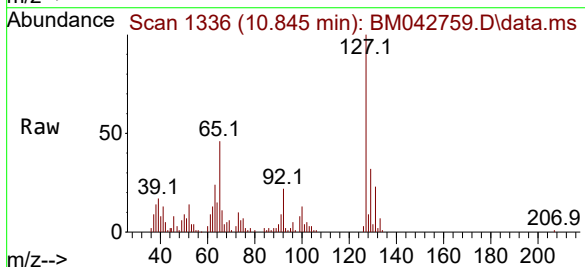
Instrument :
BNA_M
ClientSampleId :

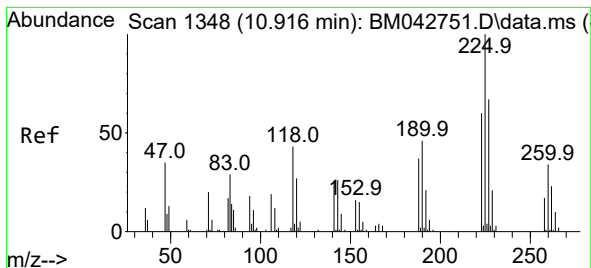
Tgt Ion:128 Resp: 208819
Ion Ratio Lower Upper
128 100
129 11.3 8.6 13.0
127 14.0 10.5 15.7



#32
4-Chloroaniline
Concen: 26.879 ng/ul
RT: 10.845 min Scan# 1336
Delta R.T. -0.006 min
Lab File: BM042759.D
Acq: 15 Nov 2023 07:00

Tgt Ion:127 Resp: 65483
Ion Ratio Lower Upper
127 100
129 32.2 26.7 40.1

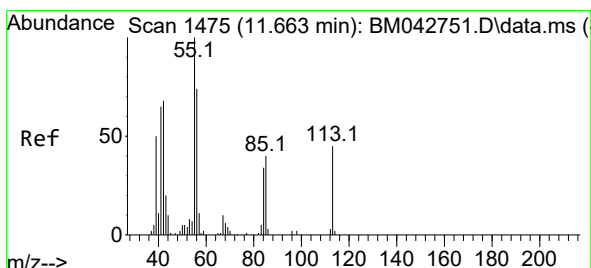
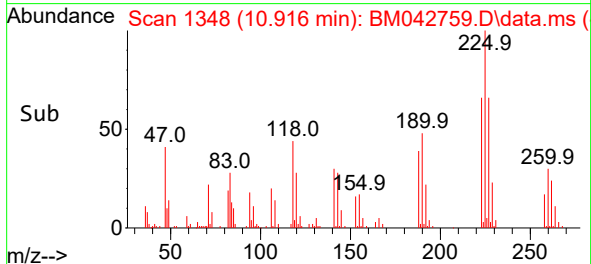
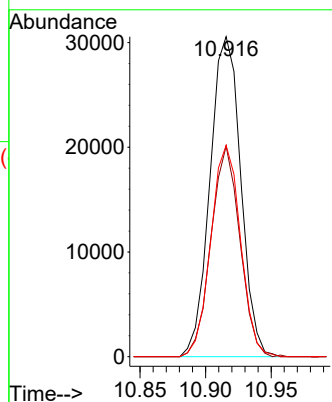
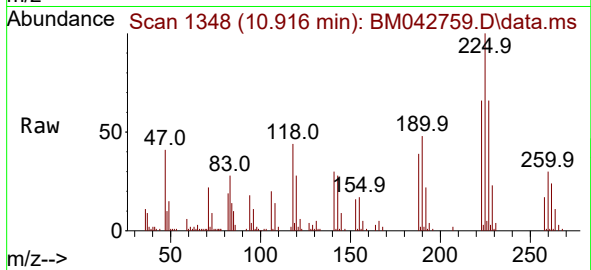




#33
Hexachlorobutadiene
Concen: 29.777 ng/ul
RT: 10.916 min Scan# 11
Delta R.T. -0.012 min
Lab File: BM042759.D
Acq: 15 Nov 2023 07:00

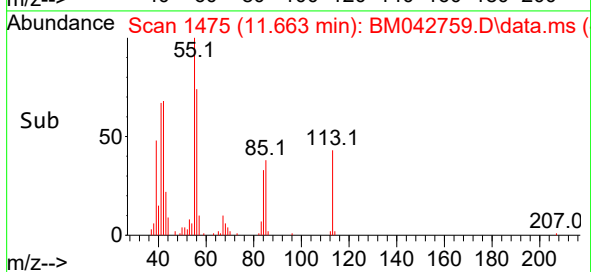
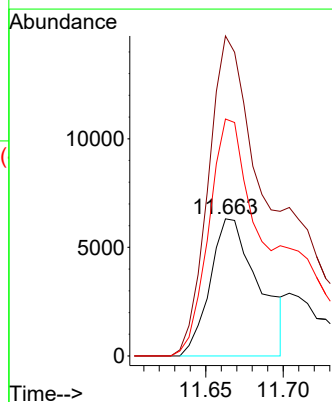
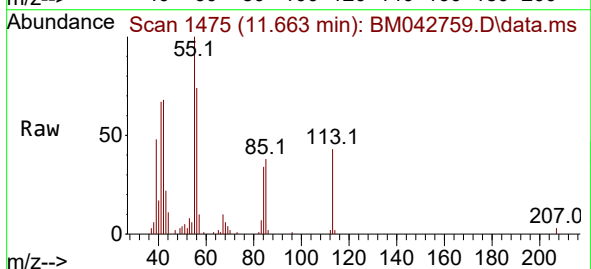
Instrument :
BNA_M
ClientSampleId :

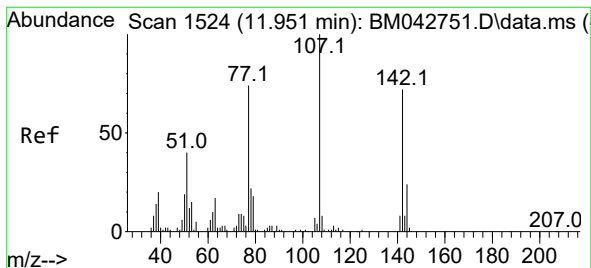
Tgt Ion:225 Resp: 49807
Ion Ratio Lower Upper
225 100
223 65.8 53.0 79.4
227 66.1 50.5 75.7



#34
Caprolactam
Concen: 24.528 ng/ul
RT: 11.663 min Scan# 1475
Delta R.T. -0.035 min
Lab File: BM042759.D
Acq: 15 Nov 2023 07:00

Tgt Ion:113 Resp: 13771
Ion Ratio Lower Upper
113 100
55 233.3 184.2 276.2
56 172.8 134.3 201.5

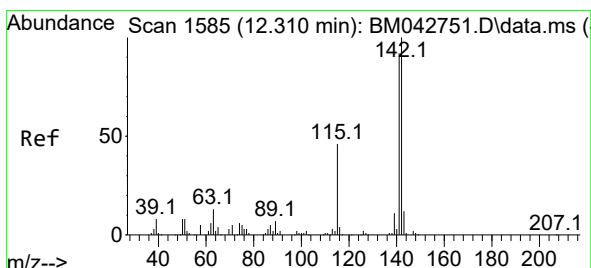
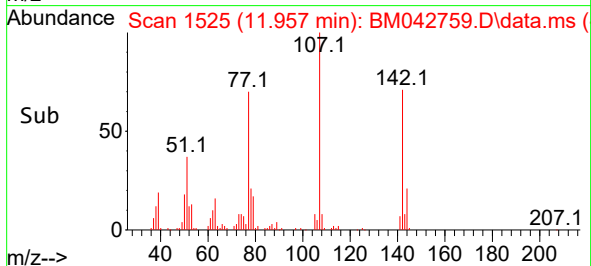
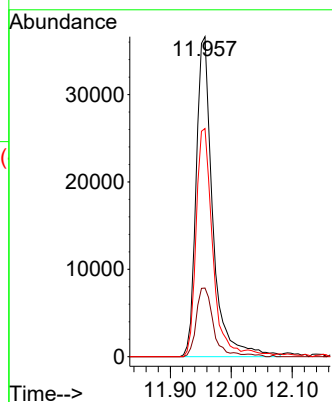
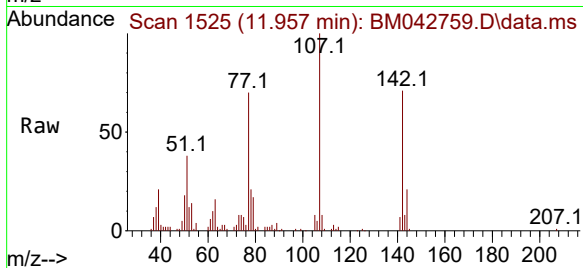




#35
 4-Chloro-3-methylphenol
 Concen: 34.264 ng/ul
 RT: 11.957 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BM042759.D
 Acq: 15 Nov 2023 07:00

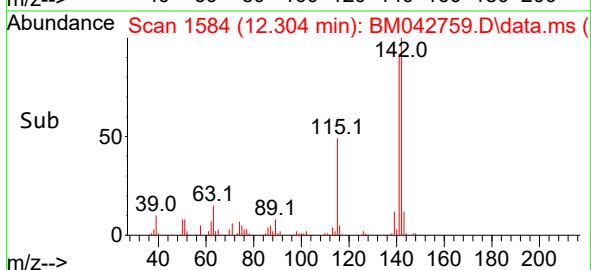
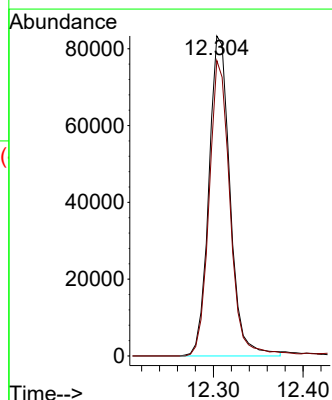
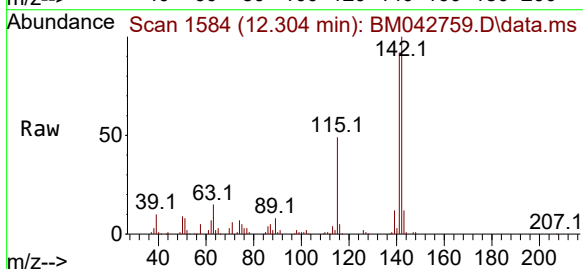
Instrument :
 BNA_M
 ClientSampleId :

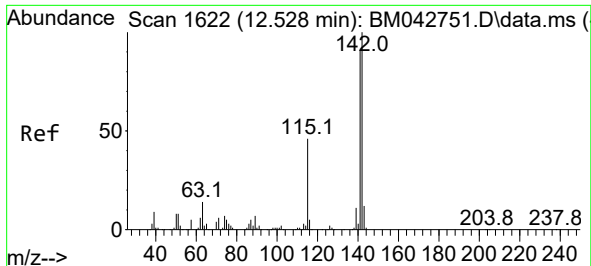
Tgt Ion:107 Resp: 69523
 Ion Ratio Lower Upper
 107 100
 144 21.5 18.3 27.5
 142 71.3 56.3 84.5



#36
 2-Methylnaphthalene
 Concen: 31.020 ng/ul
 RT: 12.304 min Scan# 1584
 Delta R.T. -0.012 min
 Lab File: BM042759.D
 Acq: 15 Nov 2023 07:00

Tgt Ion:142 Resp: 136591
 Ion Ratio Lower Upper
 142 100
 141 92.3 73.6 110.4





#37

1-Methylnaphthalene

Concen: 29.564 ng/ul

RT: 12.527 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM042759.D

Acq: 15 Nov 2023 07:00

Instrument :

BNA_M

ClientSampleId :

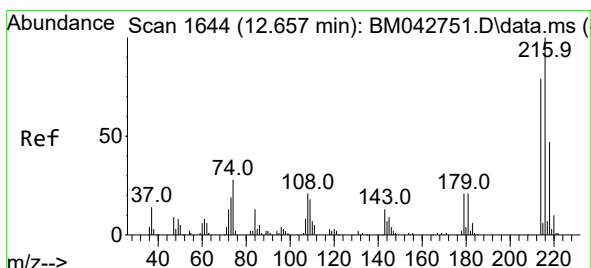
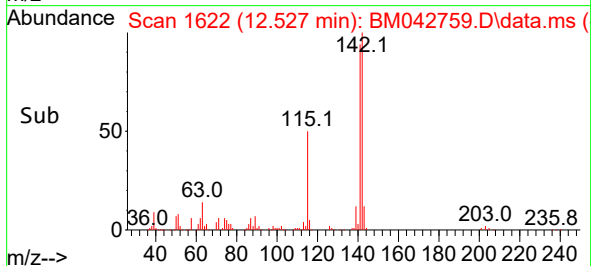
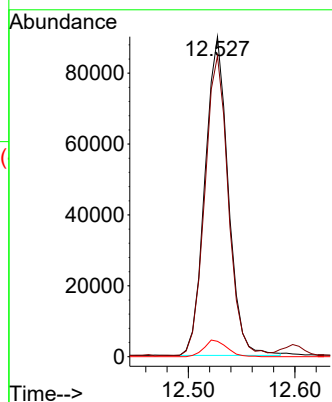
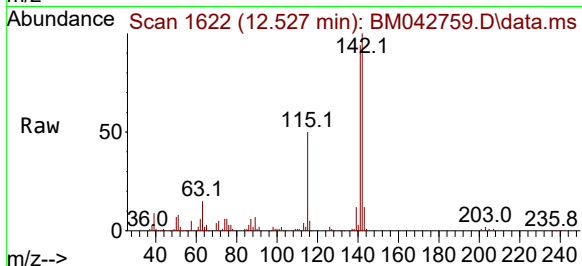
Tgt Ion:142 Resp: 136874

Ion Ratio Lower Upper

142 100

141 94.0 73.3 109.9

116 4.8 3.9 5.9



#39

1,2,4,5-Tetrachlorobenzene

Concen: 31.481 ng/ul

RT: 12.657 min Scan# 1644

Delta R.T. -0.012 min

Lab File: BM042759.D

Acq: 15 Nov 2023 07:00

Tgt Ion:216 Resp: 86704

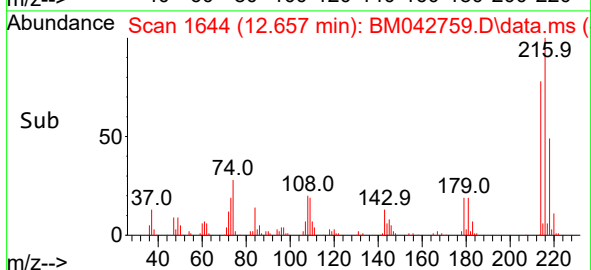
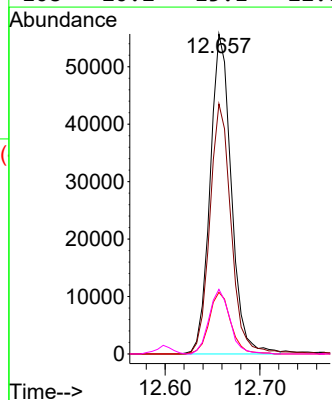
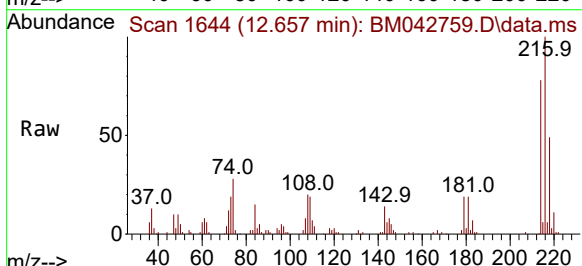
Ion Ratio Lower Upper

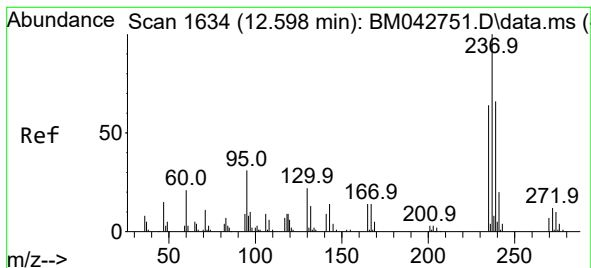
216 100

214 78.2 64.1 96.1

179 19.2 15.5 23.3

108 20.2 15.1 22.7





#40

Hexachlorocyclopentadiene

Concen: 22.625 ng/ul

RT: 12.598 min Scan# 1

Delta R.T. -0.012 min

Lab File: BM042759.D

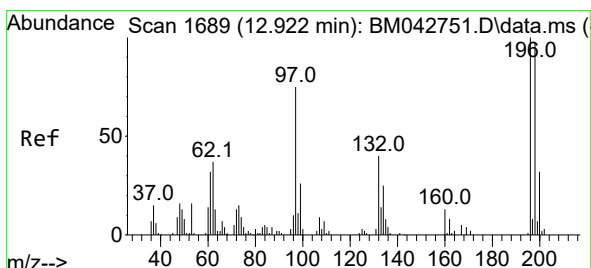
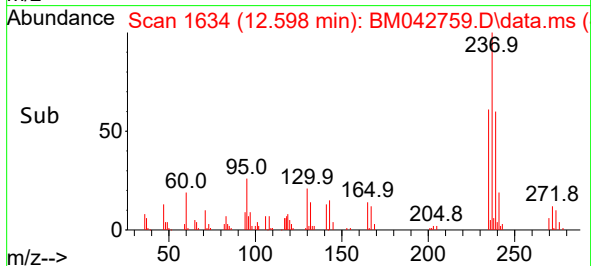
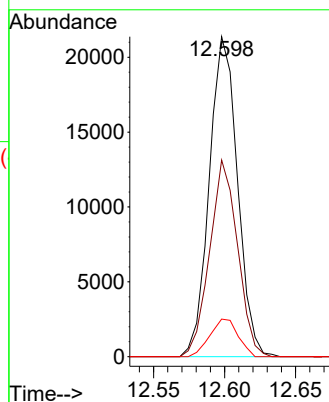
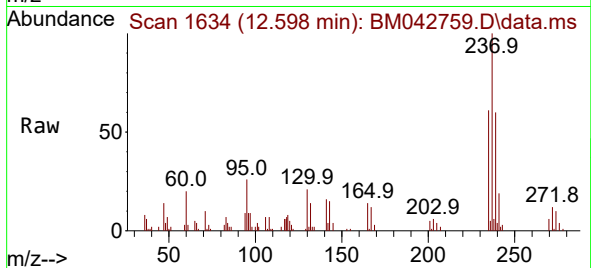
Acq: 15 Nov 2023 07:00

Instrument :

BNA_M

ClientSampleId :

Tgt Ion:237	Resp:	29502
Ion Ratio	Lower	Upper
237	100	
235	61.4	53.3 79.9
272	12.5	10.7 16.1



#41

2,4,6-Trichlorophenol

Concen: 31.751 ng/ul

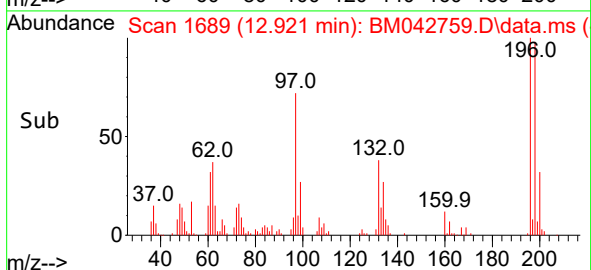
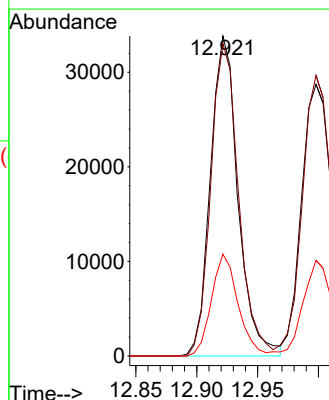
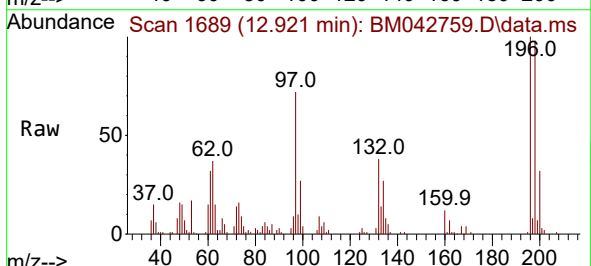
RT: 12.921 min Scan# 1689

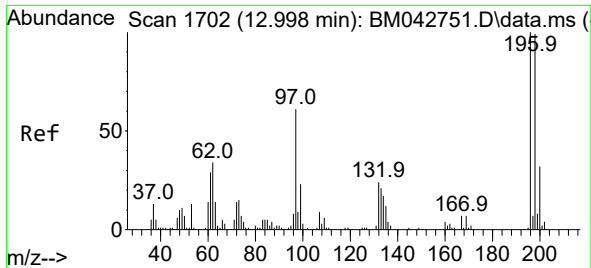
Delta R.T. -0.006 min

Lab File: BM042759.D

Acq: 15 Nov 2023 07:00

Tgt Ion:196	Resp:	53416
Ion Ratio	Lower	Upper
196	100	
198	97.6	81.0 121.4
200	31.8	24.1 36.1

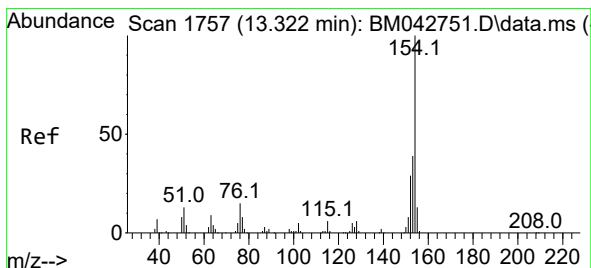
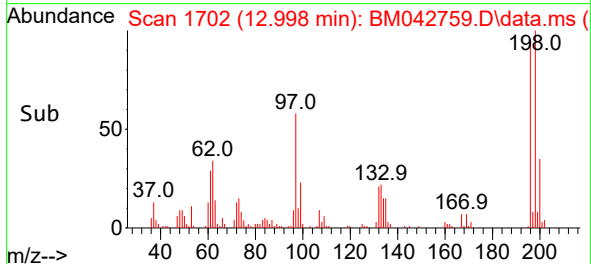
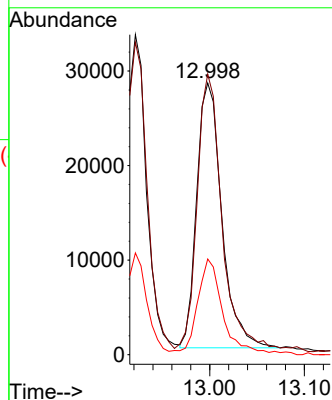
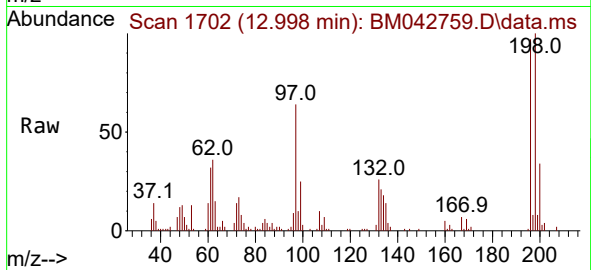




#42
2,4,5-Trichlorophenol
Concen: 31.723 ng/ul
RT: 12.998 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM042759.D
Acq: 15 Nov 2023 07:00

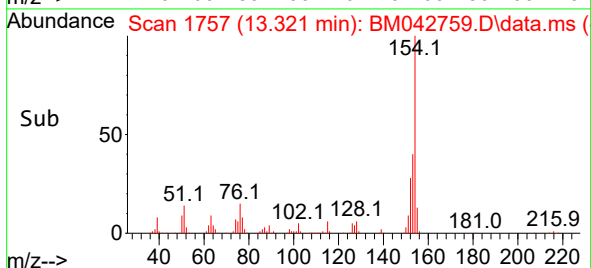
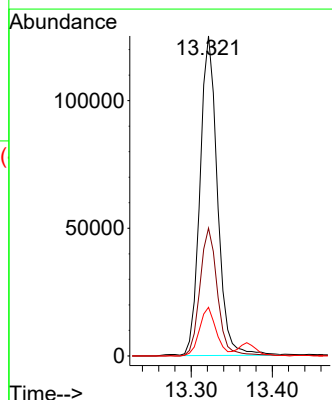
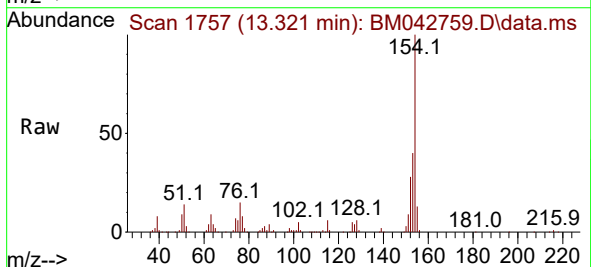
Instrument :
BNA_M
ClientSampleId :

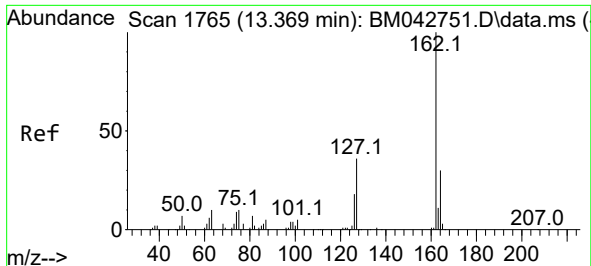
Tgt Ion:196 Resp: 51533
Ion Ratio Lower Upper
196 100
198 103.3 77.4 116.0
200 35.2 26.2 39.4



#43
1,1'-Biphenyl
Concen: 31.907 ng/ul
RT: 13.321 min Scan# 1757
Delta R.T. -0.012 min
Lab File: BM042759.D
Acq: 15 Nov 2023 07:00

Tgt Ion:154 Resp: 186867
Ion Ratio Lower Upper
154 100
153 40.0 32.4 48.6
76 15.2 10.7 16.1

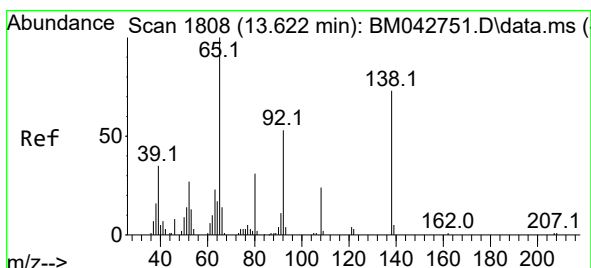
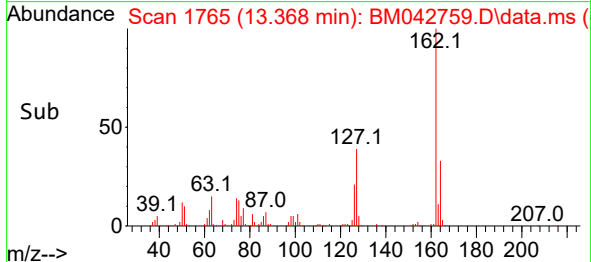
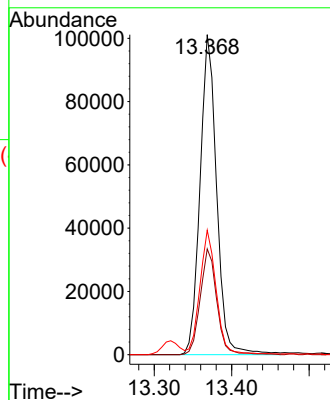
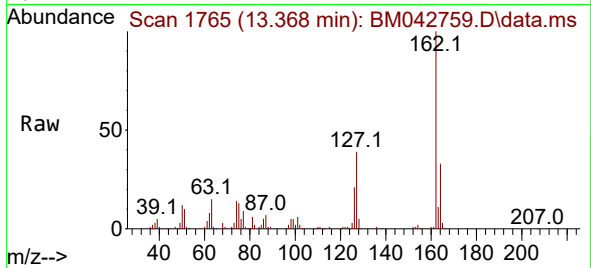




#44
2-Chloronaphthalene
Concen: 31.985 ng/ul
RT: 13.368 min Scan# 1765
Delta R.T. -0.012 min
Lab File: BM042759.D
Acq: 15 Nov 2023 07:00

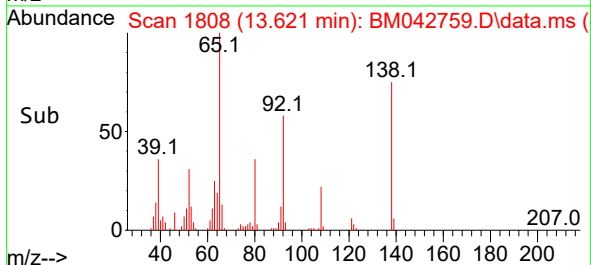
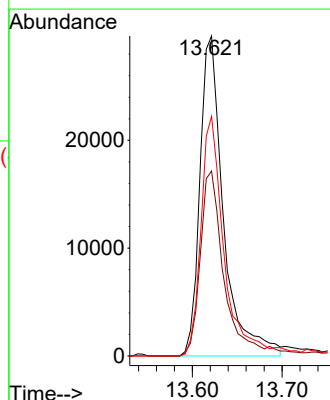
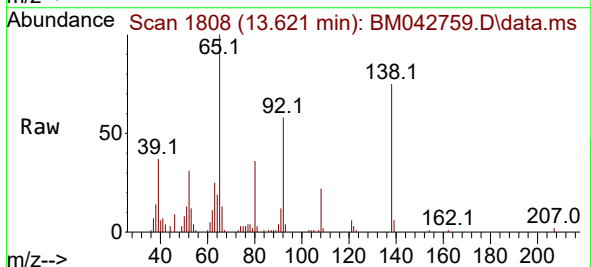
Instrument :
BNA_M
ClientSampleId :

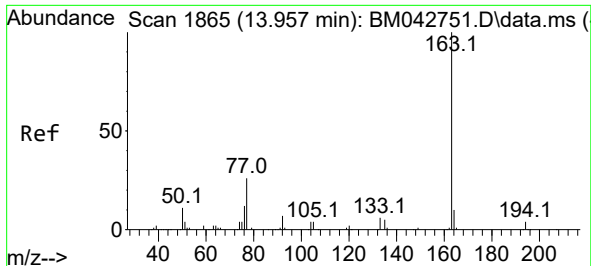
Tgt Ion:162 Resp: 150701
Ion Ratio Lower Upper
162 100
164 33.1 24.2 36.2
127 38.9 30.8 46.2



#45
2-Nitroaniline
Concen: 35.272 ng/ul
RT: 13.621 min Scan# 1808
Delta R.T. -0.006 min
Lab File: BM042759.D
Acq: 15 Nov 2023 07:00

Tgt Ion: 65 Resp: 54197
Ion Ratio Lower Upper
65 100
92 57.8 49.1 73.7
138 74.9 61.8 92.8

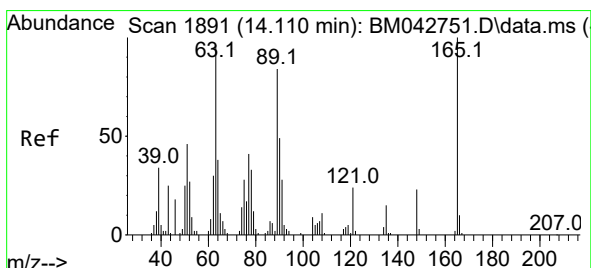
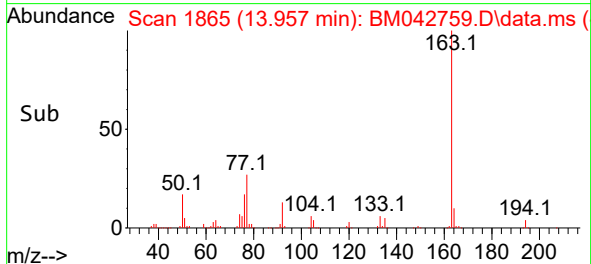
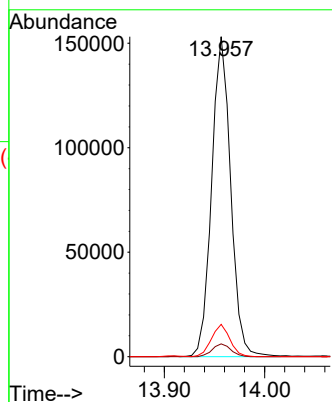
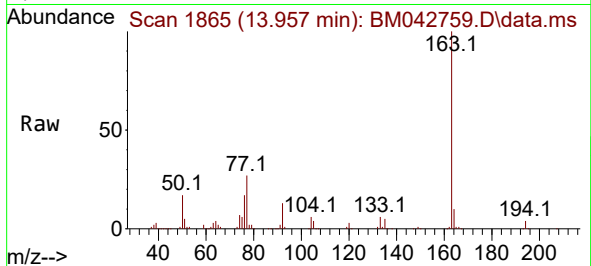




#47
Dimethylphthalate
Concen: 31.211 ng/ul
RT: 13.957 min Scan# 1865
Delta R.T. -0.006 min
Lab File: BM042759.D
Acq: 15 Nov 2023 07:00

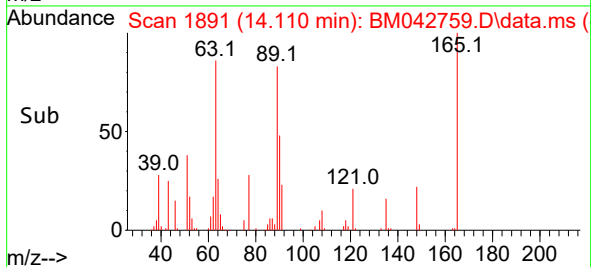
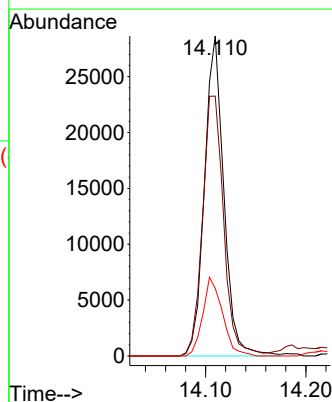
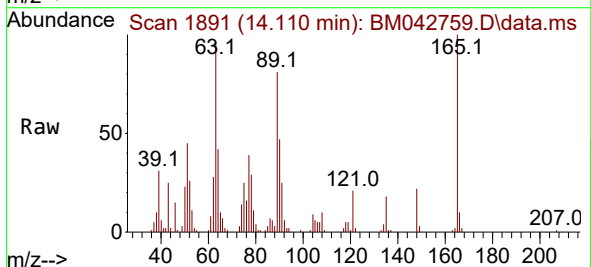
Instrument :
BNA_M
ClientSampleId :

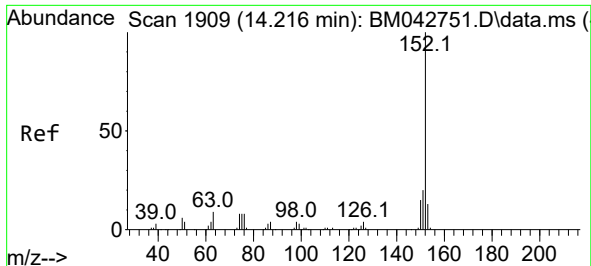
Tgt Ion:163 Resp: 202048
Ion Ratio Lower Upper
163 100
194 4.0 3.2 4.8
164 10.1 7.9 11.9



#48
2,6-Dinitrotoluene
Concen: 31.652 ng/ul
RT: 14.110 min Scan# 1891
Delta R.T. -0.006 min
Lab File: BM042759.D
Acq: 15 Nov 2023 07:00

Tgt Ion:165 Resp: 38495
Ion Ratio Lower Upper
165 100
89 81.2 64.1 96.1
121 21.1 18.4 27.6

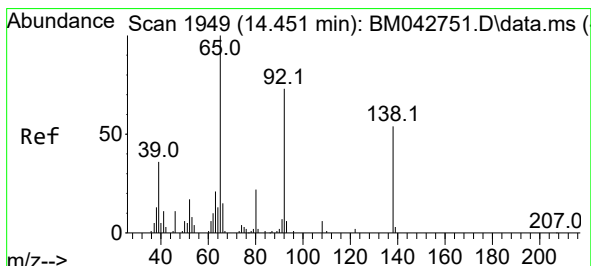
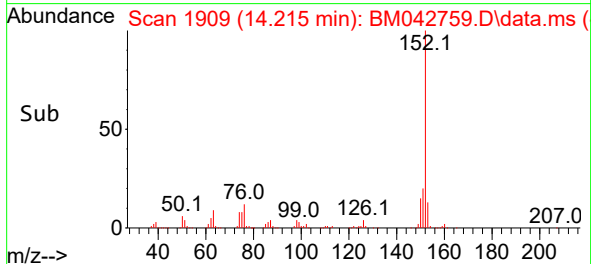
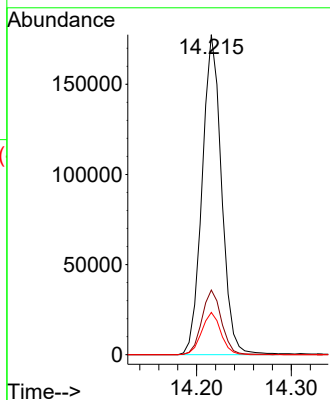
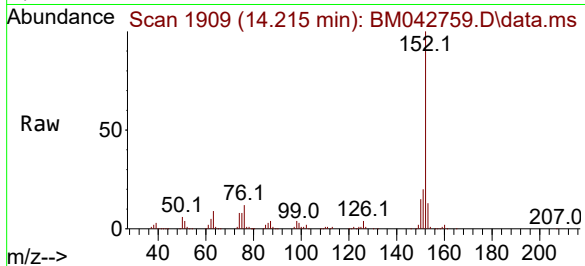




#50
Acenaphthylene
Concen: 31.650 ng/ul
RT: 14.215 min Scan# 1909
Delta R.T. -0.012 min
Lab File: BM042759.D
Acq: 15 Nov 2023 07:00

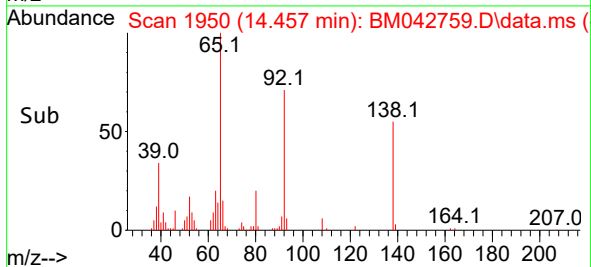
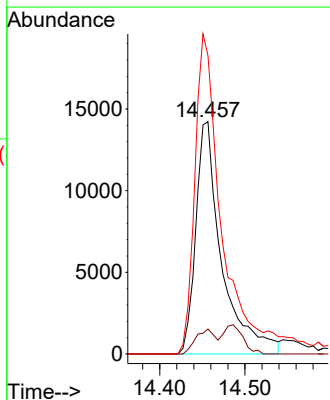
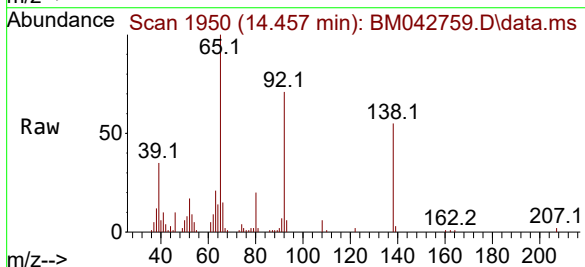
Instrument :
BNA_M
ClientSampleId :

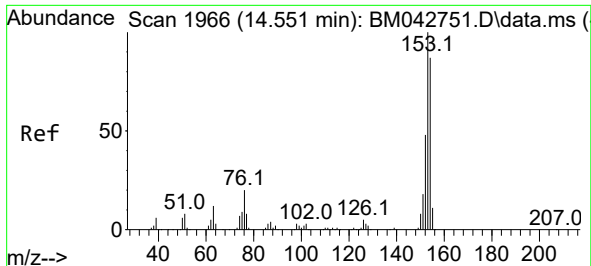
Tgt Ion:152 Resp: 252199
Ion Ratio Lower Upper
152 100
151 20.2 16.0 24.0
153 13.2 10.5 15.7



#51
3-Nitroaniline
Concen: 30.261 ng/ul
RT: 14.457 min Scan# 1950
Delta R.T. -0.000 min
Lab File: BM042759.D
Acq: 15 Nov 2023 07:00

Tgt Ion:138 Resp: 30095
Ion Ratio Lower Upper
138 100
108 10.8 8.7 13.1
92 128.4 109.4 164.0

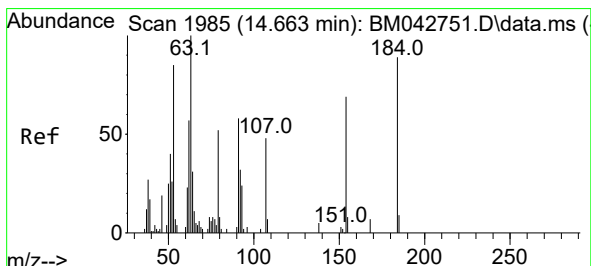
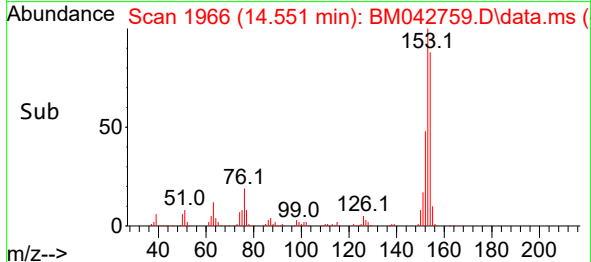
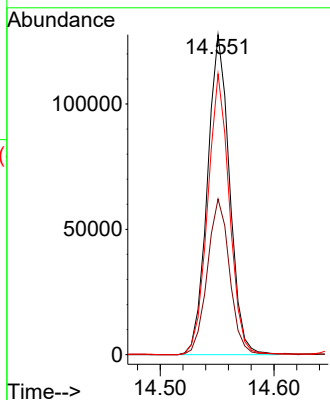
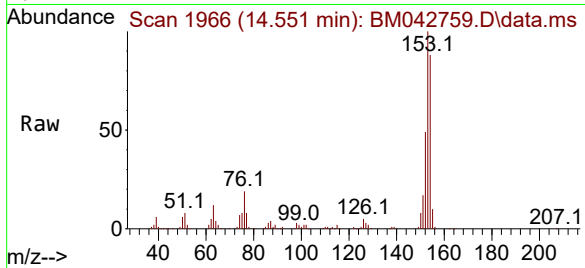




#52
Acenaphthene
Concen: 32.110 ng/ul
RT: 14.551 min Scan# 1966
Delta R.T. -0.012 min
Lab File: BM042759.D
Acq: 15 Nov 2023 07:00

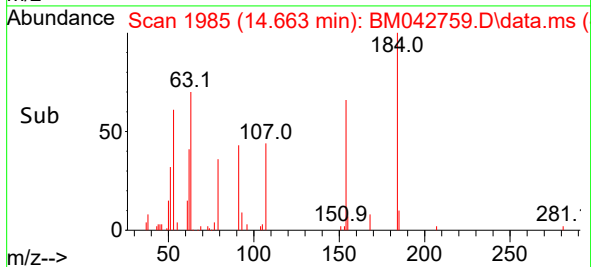
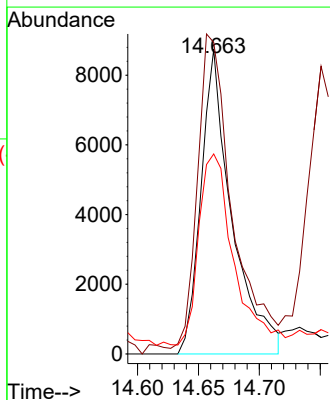
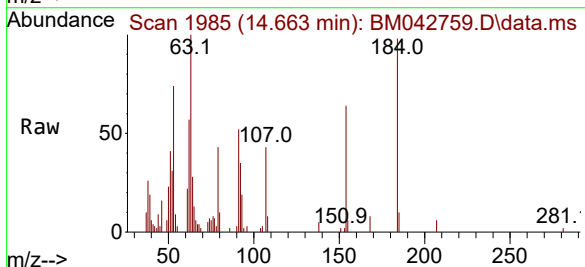
Instrument :
BNA_M
ClientSampleId :

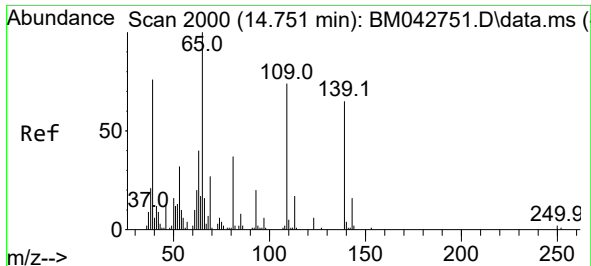
Tgt Ion:153 Resp: 173047
Ion Ratio Lower Upper
153 100
152 48.6 38.2 57.2
154 87.7 71.3 106.9



#53
2,4-Dinitrophenol
Concen: 25.446 ng/ul
RT: 14.663 min Scan# 1985
Delta R.T. -0.006 min
Lab File: BM042759.D
Acq: 15 Nov 2023 07:00

Tgt Ion:184 Resp: 15388
Ion Ratio Lower Upper
184 100
63 102.2 79.1 118.7
154 65.6 65.7 98.5#

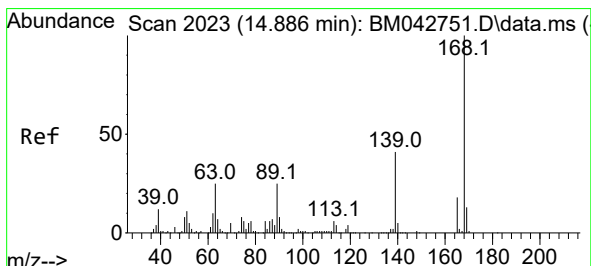
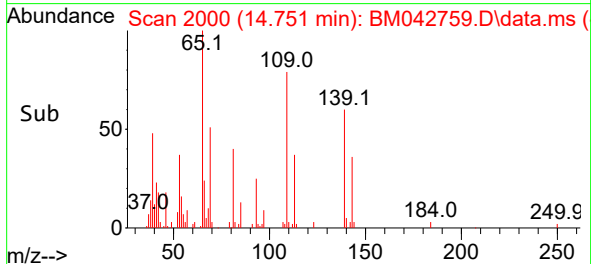
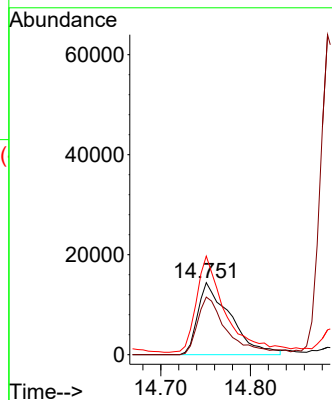
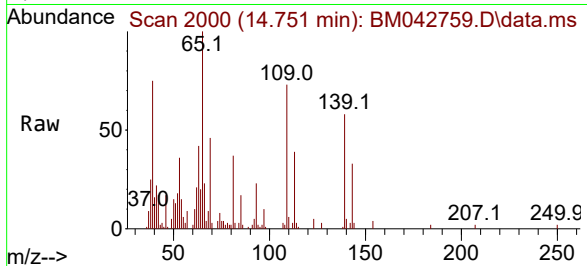




#55
4-Nitrophenol
Concen: 30.732 ng/ul
RT: 14.751 min Scan# 2000
Delta R.T. -0.006 min
Lab File: BM042759.D
Acq: 15 Nov 2023 07:00

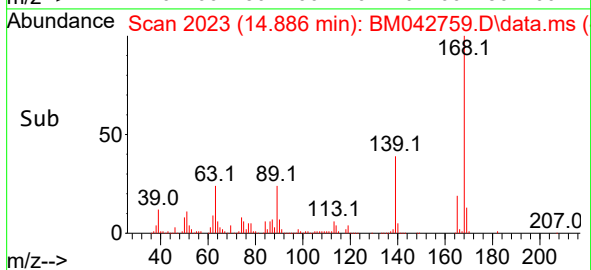
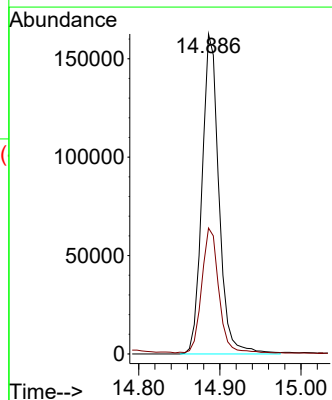
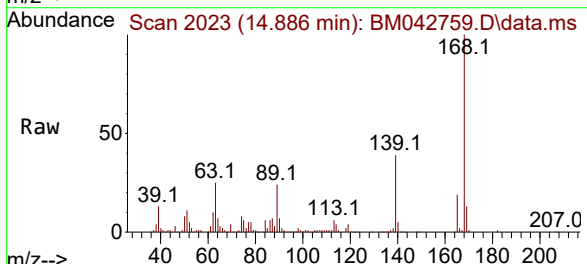
Instrument :
BNA_M
ClientSampleId :

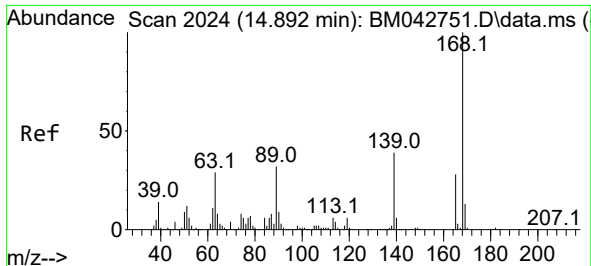
Tgt Ion:109 Resp: 36315
Ion Ratio Lower Upper
109 100
139 79.9 67.1 100.7
65 136.8 107.1 160.7



#56
Dibenzofuran
Concen: 31.373 ng/ul
RT: 14.886 min Scan# 2023
Delta R.T. -0.012 min
Lab File: BM042759.D
Acq: 15 Nov 2023 07:00

Tgt Ion:168 Resp: 234664
Ion Ratio Lower Upper
168 100
139 39.4 30.8 46.2

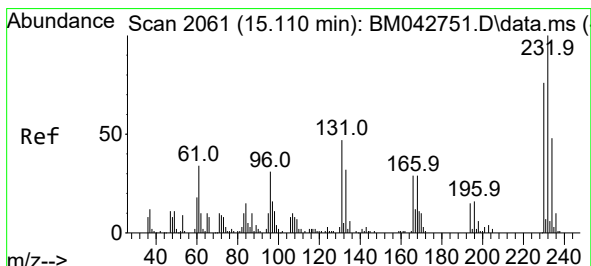
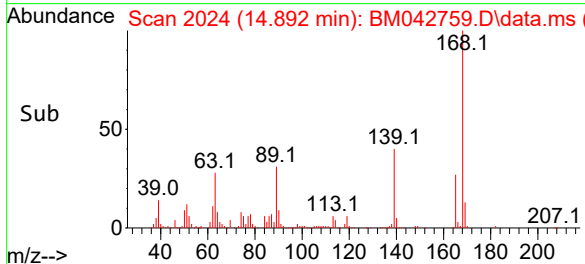
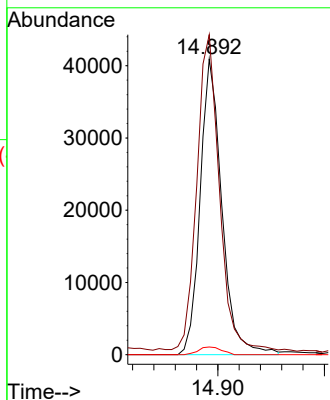
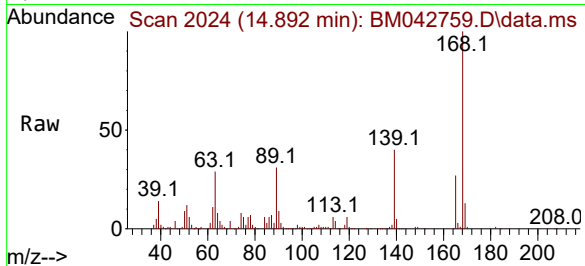




#57
2,4-Dinitrotoluene
Concen: 32.513 ng/ul
RT: 14.892 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BM042759.D
Acq: 15 Nov 2023 07:00

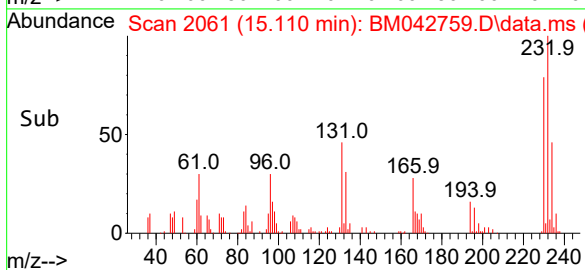
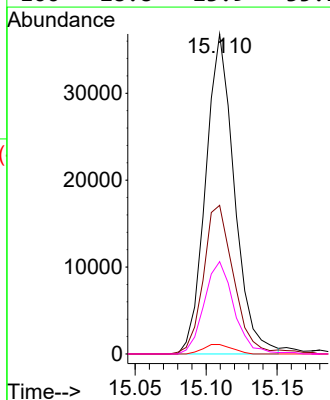
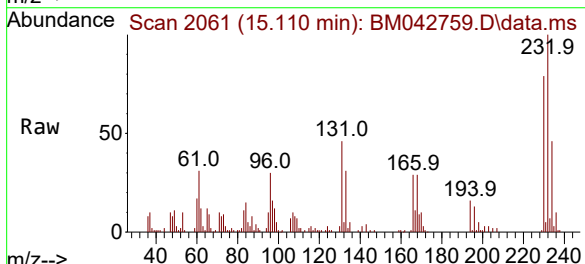
Instrument :
BNA_M
ClientSampleId :

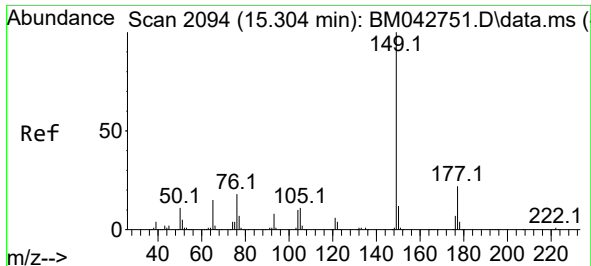
Tgt Ion	Ratio	Lower	Upper
165	100		
63	108.3	83.5	125.3
182	2.6	2.4	3.6



#58
2,3,4,6-Tetrachlorophenol
Concen: 30.718 ng/ul
RT: 15.110 min Scan# 2061
Delta R.T. -0.006 min
Lab File: BM042759.D
Acq: 15 Nov 2023 07:00

Tgt Ion	Ratio	Lower	Upper
232	100		
131	46.4	38.9	58.3
130	3.0	1.9	2.9#
166	28.8	23.9	35.9

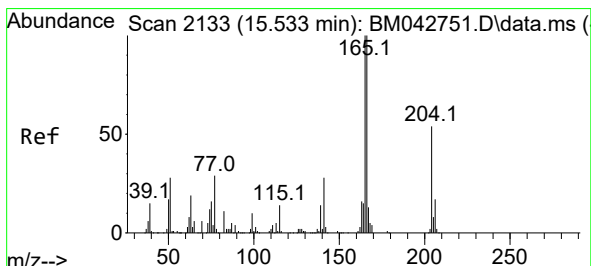
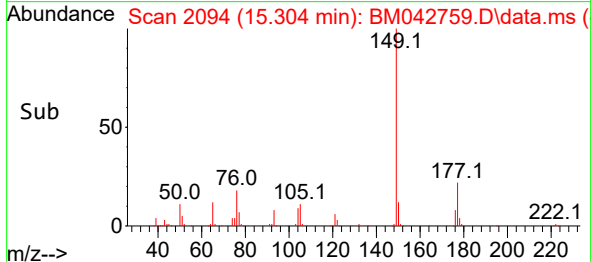
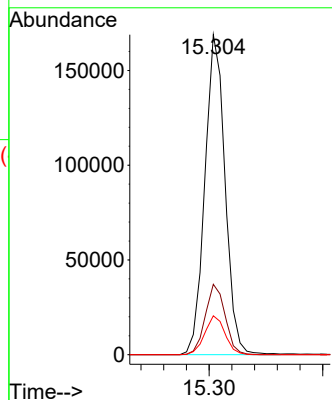
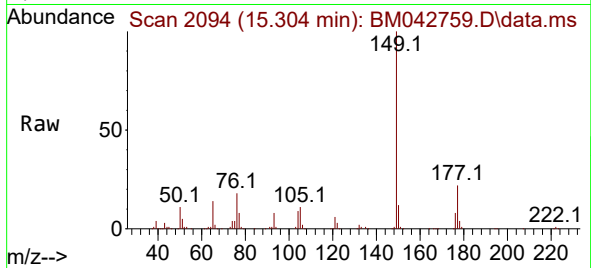




#59
Diethylphthalate
Concen: 30.753 ng/ul
RT: 15.304 min Scan# 2094
Delta R.T. -0.012 min
Lab File: BM042759.D
Acq: 15 Nov 2023 07:00

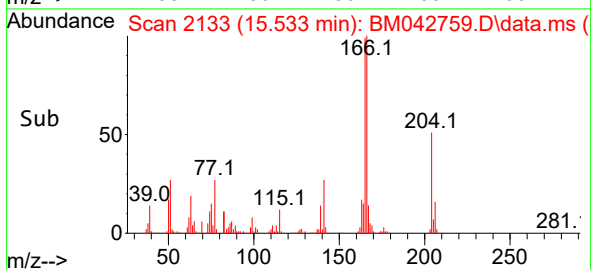
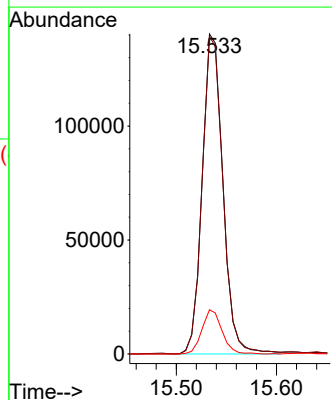
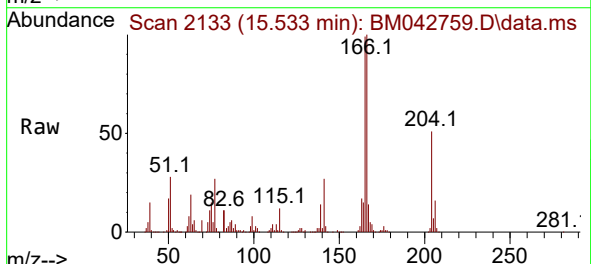
Instrument :
BNA_M
ClientSampleId :

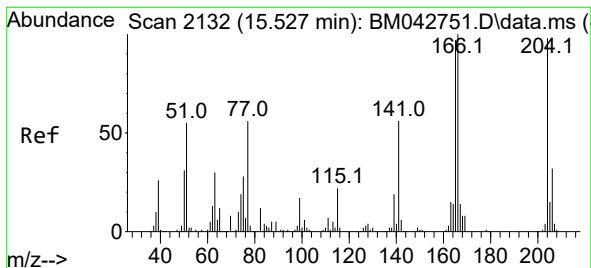
Tgt Ion:149 Resp: 208763
Ion Ratio Lower Upper
149 100
177 22.0 17.0 25.6
150 12.1 9.7 14.5



#61
Fluorene
Concen: 31.840 ng/ul
RT: 15.533 min Scan# 2133
Delta R.T. -0.012 min
Lab File: BM042759.D
Acq: 15 Nov 2023 07:00

Tgt Ion:166 Resp: 202199
Ion Ratio Lower Upper
166 100
165 99.3 79.3 118.9
167 13.8 10.6 15.8

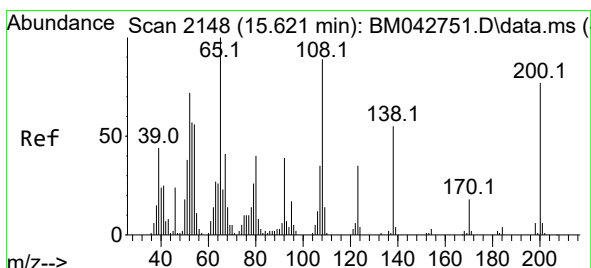
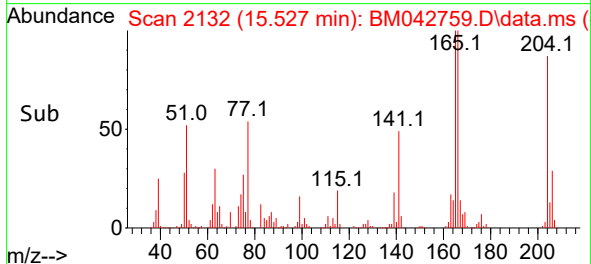
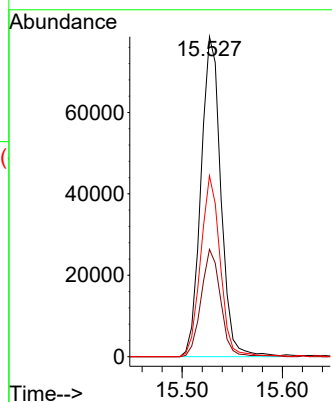
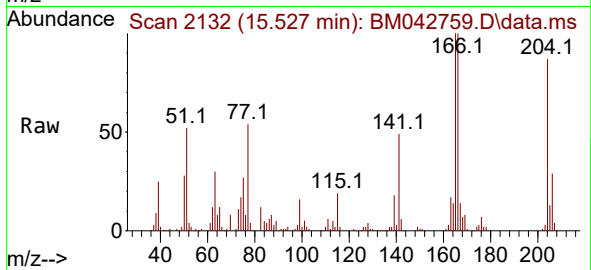




#62
4-Chlorophenyl-phenylether
Concen: 31.810 ng/ul
RT: 15.527 min Scan# 2132
Delta R.T. -0.012 min
Lab File: BM042759.D
Acq: 15 Nov 2023 07:00

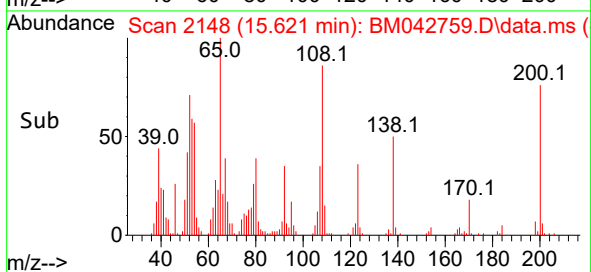
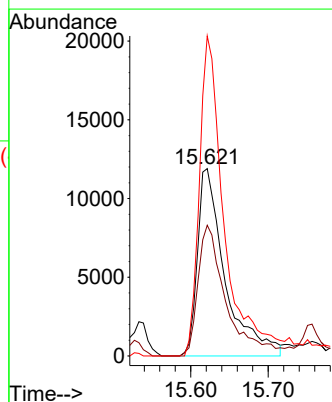
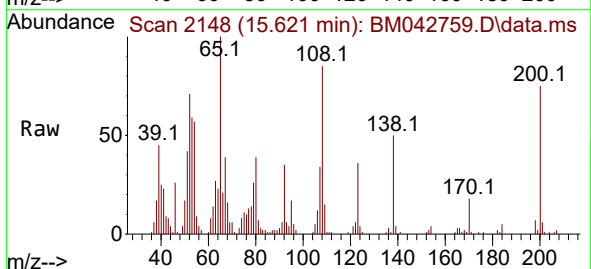
Instrument :
BNA_M
ClientSampleId :

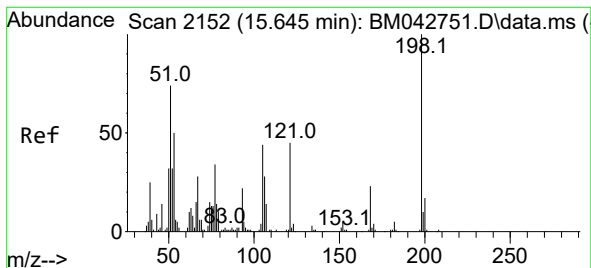
Tgt Ion:204 Resp: 108870
Ion Ratio Lower Upper
204 100
206 33.5 27.0 40.4
141 56.5 46.0 69.0



#63
4-Nitroaniline
Concen: 32.478 ng/ul
RT: 15.621 min Scan# 2148
Delta R.T. -0.006 min
Lab File: BM042759.D
Acq: 15 Nov 2023 07:00

Tgt Ion:138 Resp: 29447
Ion Ratio Lower Upper
138 100
92 69.8 47.4 71.0
108 170.7 129.5 194.3

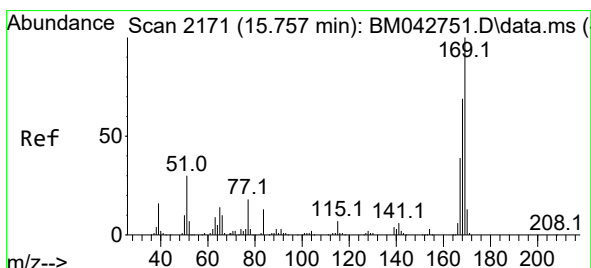
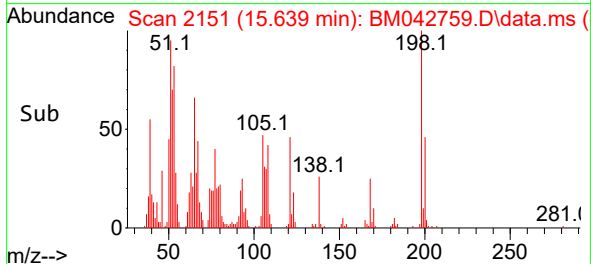
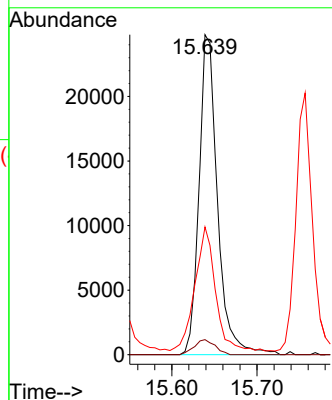
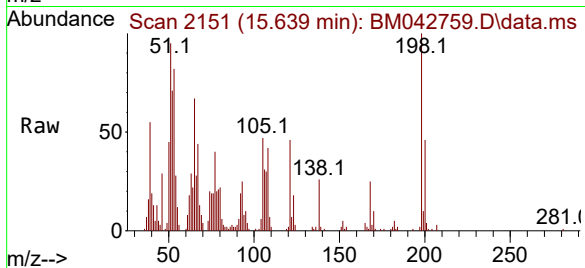




#66
 4,6-Dinitro-2-methylphenol
 Concen: 30.944 ng/ul
 RT: 15.639 min Scan# 2151
 Delta R.T. -0.012 min
 Lab File: BM042759.D
 Acq: 15 Nov 2023 07:00

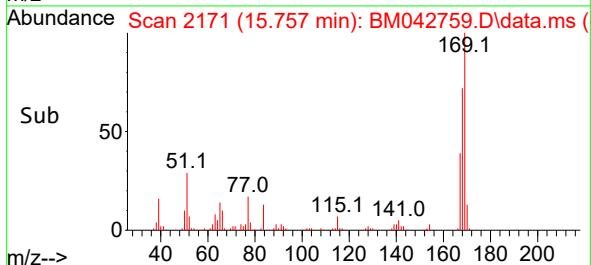
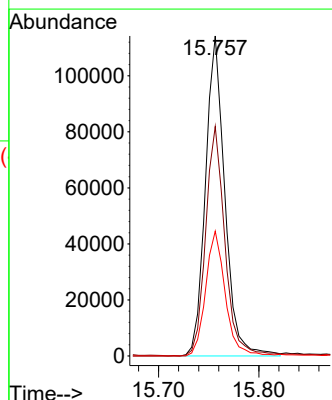
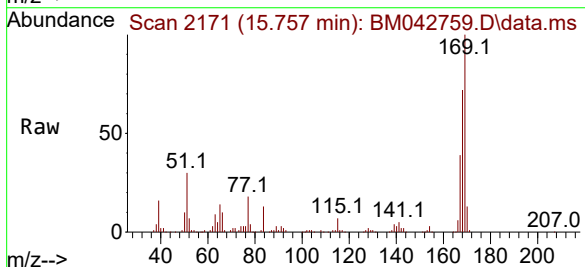
Instrument :
 BNA_M
 ClientSampleId :

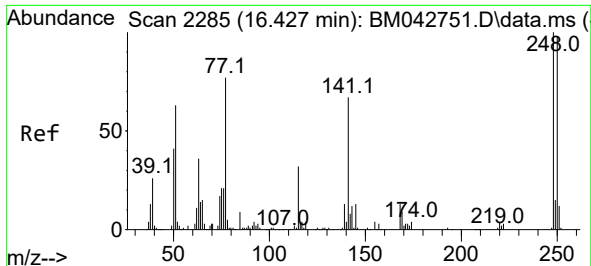
Tgt Ion:198 Resp: 37292
 Ion Ratio Lower Upper
 198 100
 182 4.7 3.4 5.0
 77 39.9 26.9 40.3



#67
 N-Nitrosodiphenylamine
 Concen: 31.438 ng/ul
 RT: 15.757 min Scan# 2171
 Delta R.T. -0.006 min
 Lab File: BM042759.D
 Acq: 15 Nov 2023 07:00

Tgt Ion:169 Resp: 154092
 Ion Ratio Lower Upper
 169 100
 168 71.7 55.8 83.6
 167 39.0 31.4 47.2

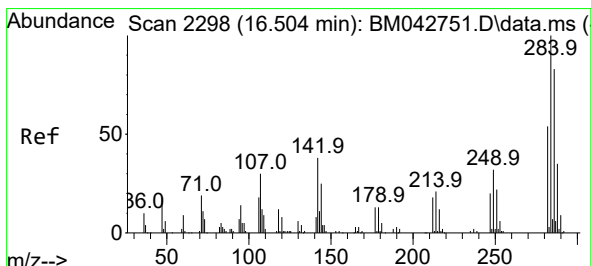
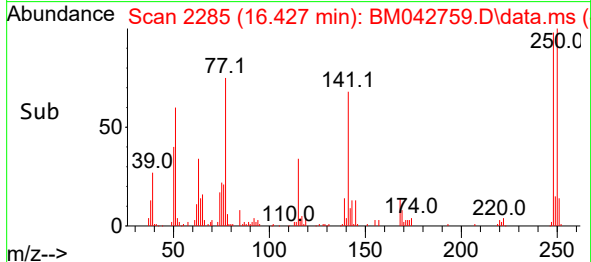
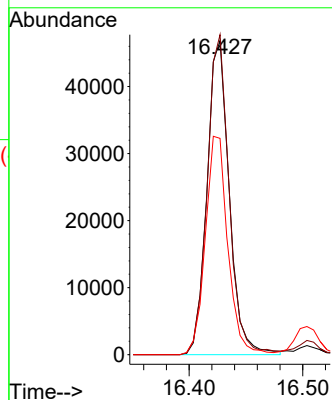
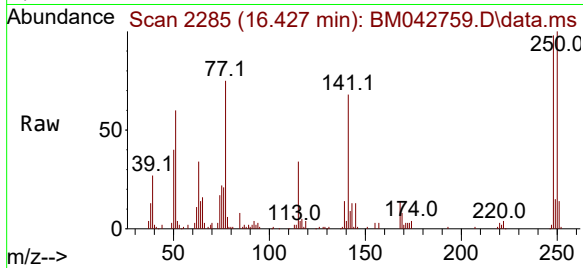




#68
4-Bromophenyl-phenylether
Concen: 30.713 ng/ul
RT: 16.427 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM042759.D
Acq: 15 Nov 2023 07:00

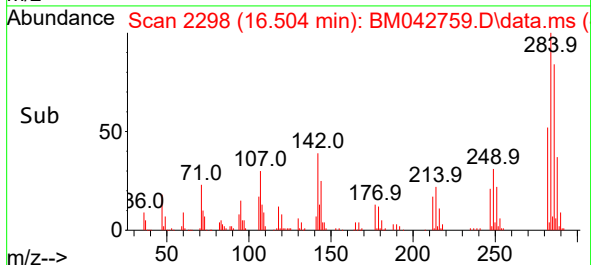
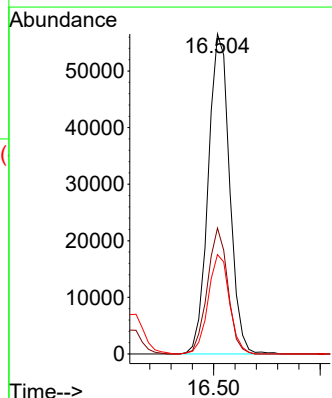
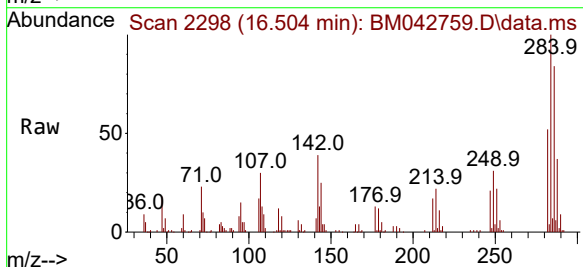
Instrument :
BNA_M
ClientSampleId :

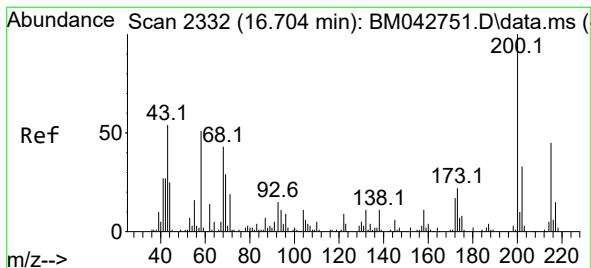
Tgt Ion:248 Resp: 63888
Ion Ratio Lower Upper
248 100
250 101.9 84.3 126.5
141 68.9 60.1 90.1



#69
Hexachlorobenzene
Concen: 30.938 ng/ul
RT: 16.504 min Scan# 2298
Delta R.T. -0.012 min
Lab File: BM042759.D
Acq: 15 Nov 2023 07:00

Tgt Ion:284 Resp: 78674
Ion Ratio Lower Upper
284 100
142 39.4 30.5 45.7
249 31.1 25.3 37.9





#70

Atrazine

Concen: 32.413 ng/ul

RT: 16.704 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM042759.D

Acq: 15 Nov 2023 07:00

Instrument :

BNA_M

ClientSampleId :

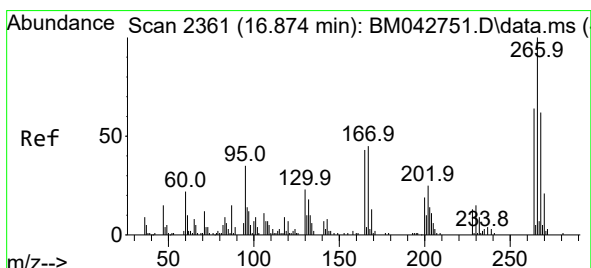
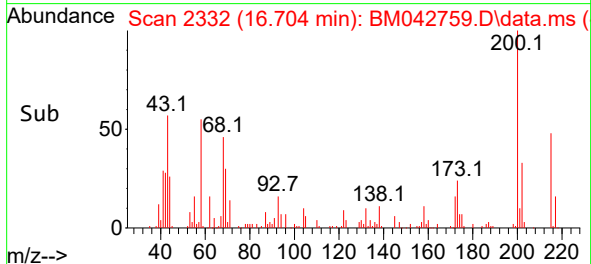
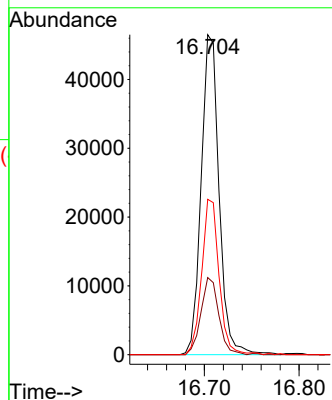
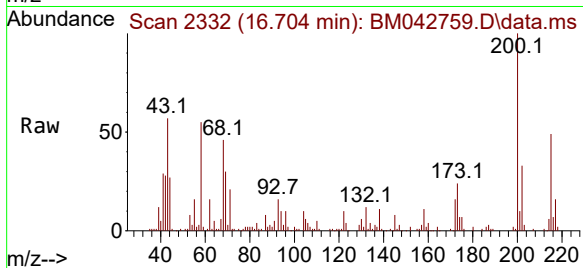
Tgt Ion:200 Resp: 61195

Ion Ratio Lower Upper

200 100

173 24.1 19.8 29.6

215 48.5 38.2 57.2



#71

Pentachlorophenol

Concen: 29.709 ng/ul

RT: 16.874 min Scan# 2361

Delta R.T. -0.012 min

Lab File: BM042759.D

Acq: 15 Nov 2023 07:00

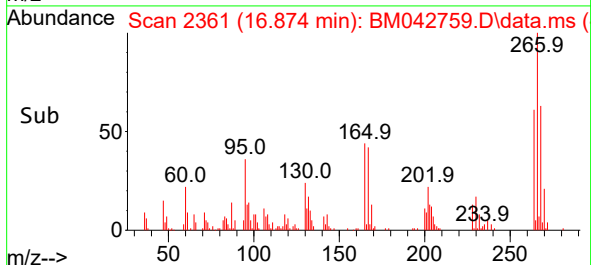
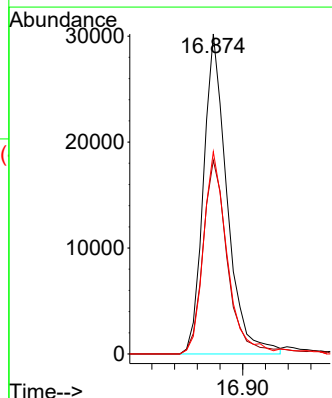
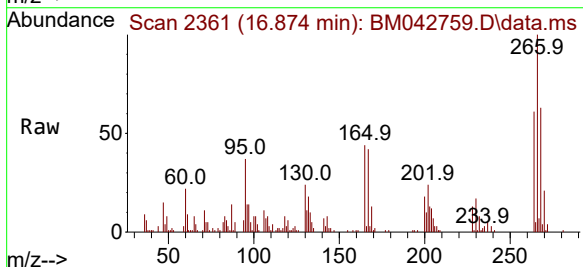
Tgt Ion:266 Resp: 43504

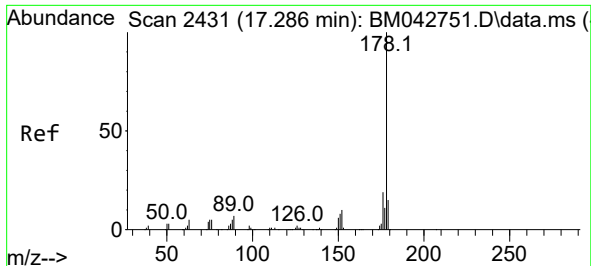
Ion Ratio Lower Upper

266 100

264 60.5 50.3 75.5

268 63.2 52.1 78.1

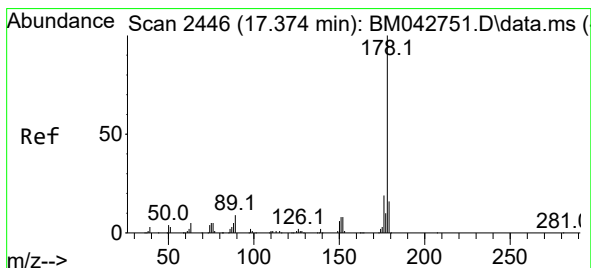
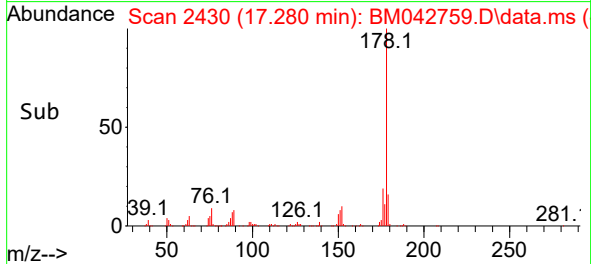
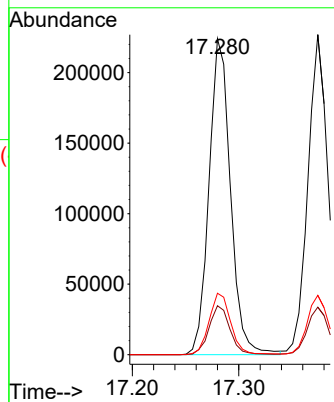
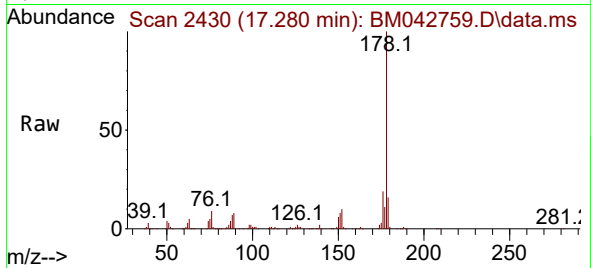




#72
Phenanthrene
Concen: 32.226 ng/ul
RT: 17.280 min Scan# 2431
Delta R.T. -0.012 min
Lab File: BM042759.D
Acq: 15 Nov 2023 07:00

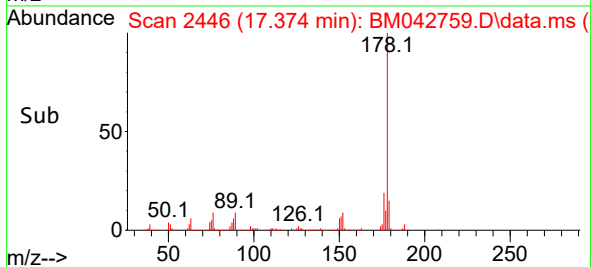
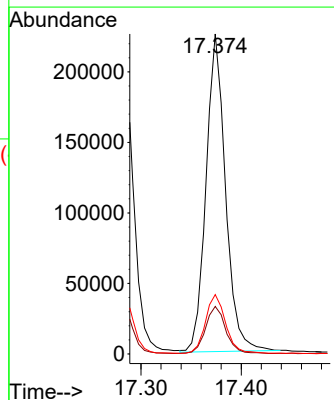
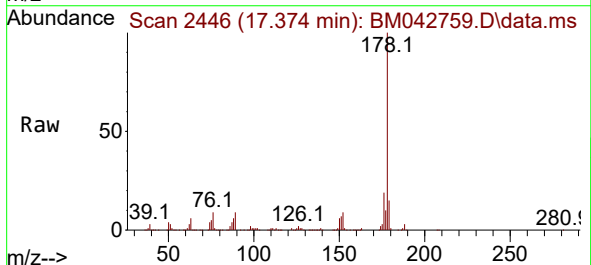
Instrument :
BNA_M
ClientSampleId :

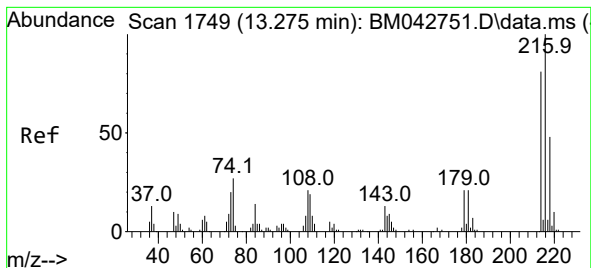
Tgt Ion:178 Resp: 314620
Ion Ratio Lower Upper
178 100
179 15.5 11.4 17.2
176 19.5 15.5 23.3



#74
Anthracene
Concen: 31.049 ng/ul
RT: 17.374 min Scan# 2446
Delta R.T. -0.012 min
Lab File: BM042759.D
Acq: 15 Nov 2023 07:00

Tgt Ion:178 Resp: 304906
Ion Ratio Lower Upper
178 100
179 14.9 12.0 18.0
176 18.6 15.7 23.5

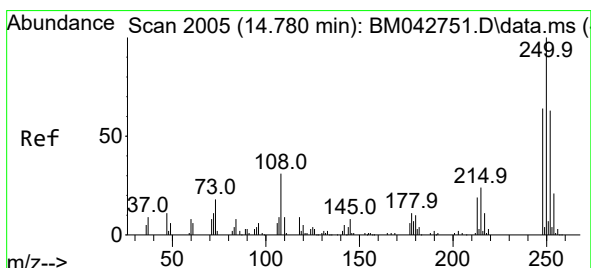
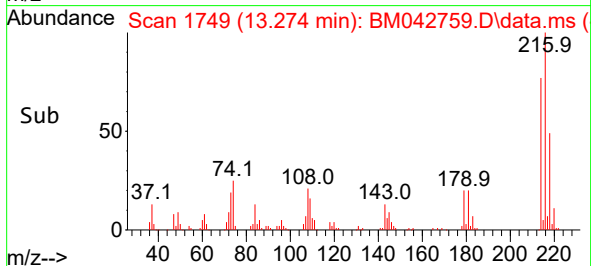
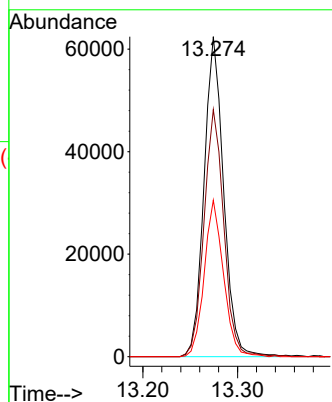
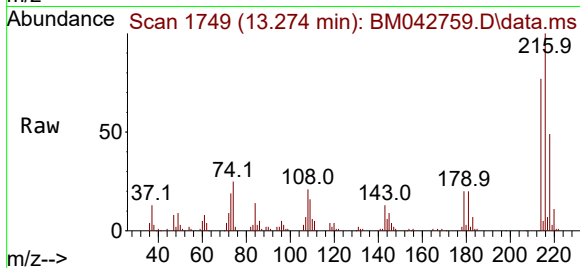




#75
1,2,3,4-Tetrachlorobenzene
Concen: 32.422 ng/uL
RT: 13.274 min Scan# 1
Delta R.T. -0.012 min
Lab File: BM042759.D
Acq: 15 Nov 2023 07:00

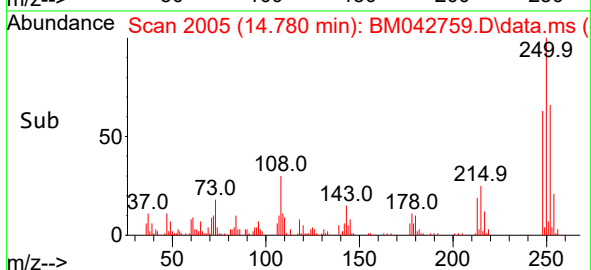
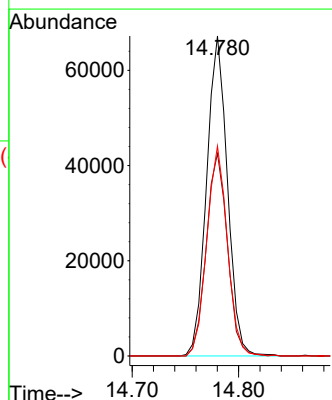
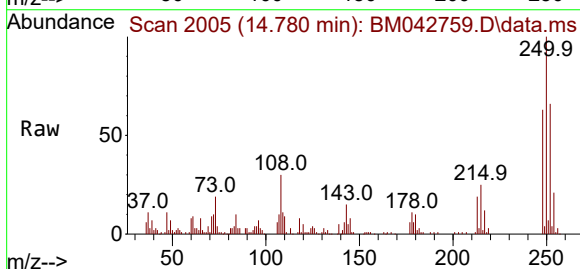
Instrument :
BNA_M
ClientSampleId :

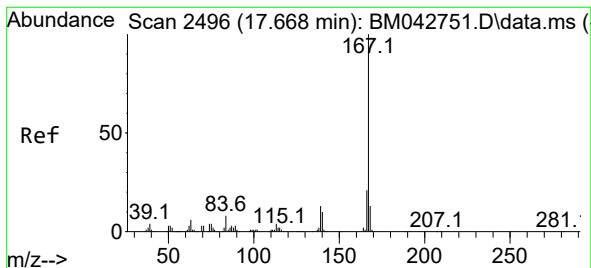
Tgt Ion:216 Resp: 89592
Ion Ratio Lower Upper
216 100
214 77.2 62.6 94.0
218 48.9 39.3 58.9



#76
Pentachlorobenzene
Concen: 31.472 ng/uL
RT: 14.780 min Scan# 2005
Delta R.T. -0.012 min
Lab File: BM042759.D
Acq: 15 Nov 2023 07:00

Tgt Ion:250 Resp: 91251
Ion Ratio Lower Upper
250 100
248 63.3 51.0 76.6
252 65.6 51.8 77.8





#77

Carbazole

Concen: 31.736 ng/ul

RT: 17.668 min Scan# 2496

Delta R.T. -0.006 min

Lab File: BM042759.D

Acq: 15 Nov 2023 07:00

Instrument :

BNA_M

ClientSampleId :

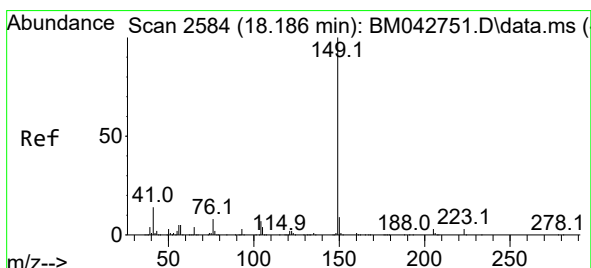
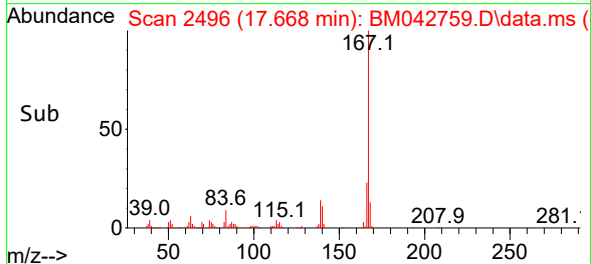
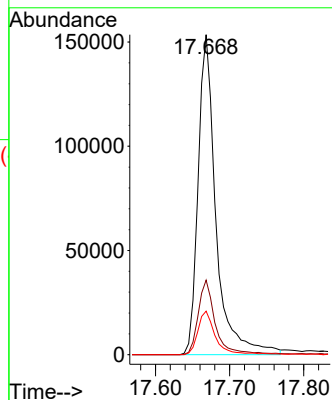
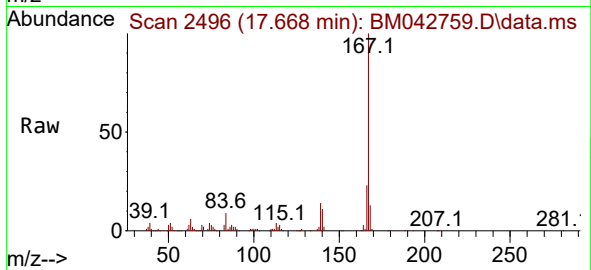
Tgt Ion:167 Resp: 257335

Ion Ratio Lower Upper

167 100

166 23.3 17.2 25.8

139 13.6 10.8 16.2



#78

Di-n-butylphthalate

Concen: 30.427 ng/ul

RT: 18.186 min Scan# 2584

Delta R.T. -0.006 min

Lab File: BM042759.D

Acq: 15 Nov 2023 07:00

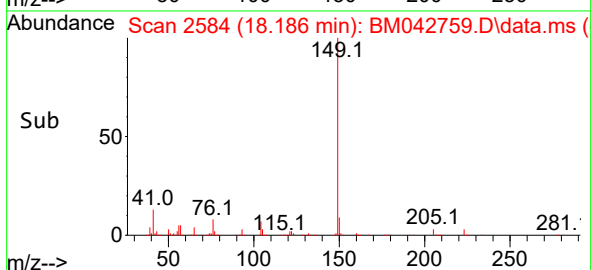
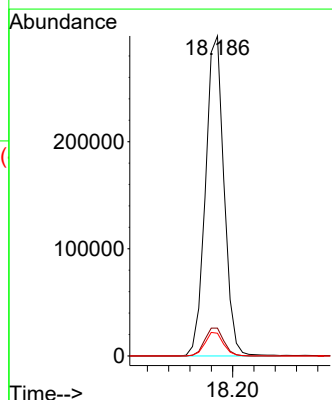
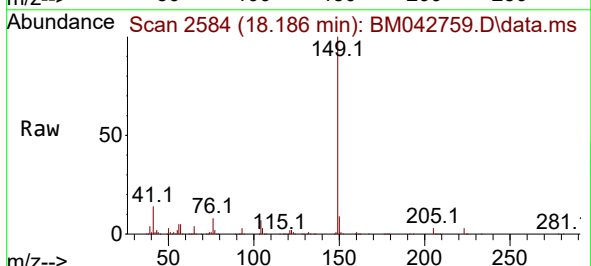
Tgt Ion:149 Resp: 360786

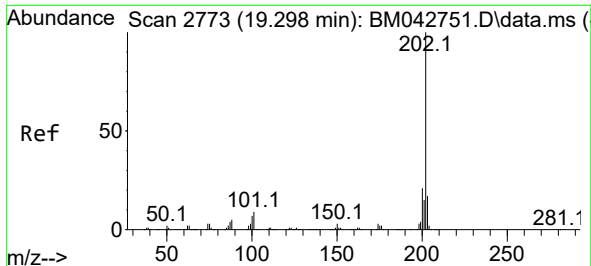
Ion Ratio Lower Upper

149 100

150 8.7 7.7 11.5

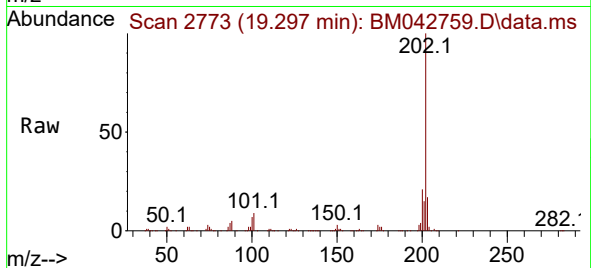
104 7.1 5.3 7.9



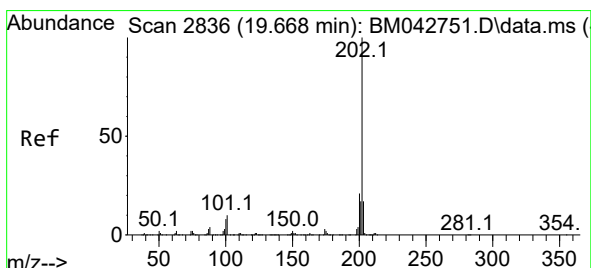
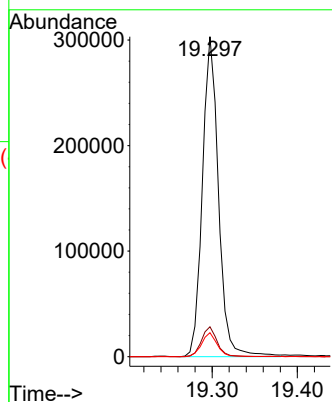
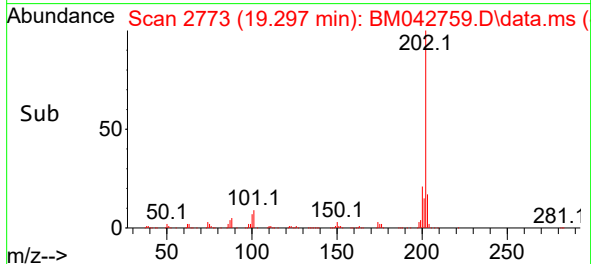


#80
Fluoranthene
Concen: 31.326 ng/ul
RT: 19.297 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM042759.D
Acq: 15 Nov 2023 07:00

Instrument :
BNA_M
ClientSampleId :

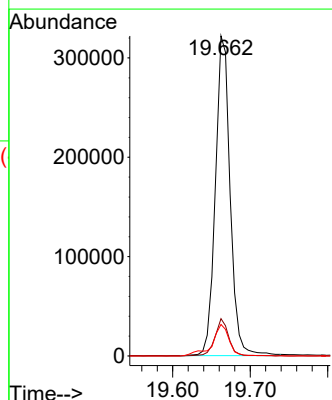
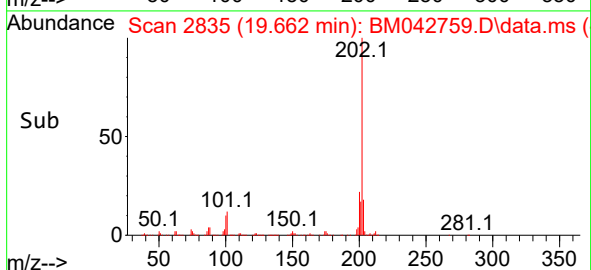
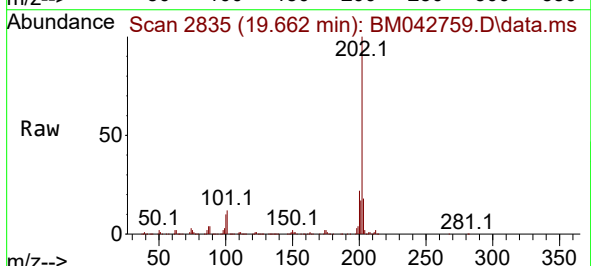


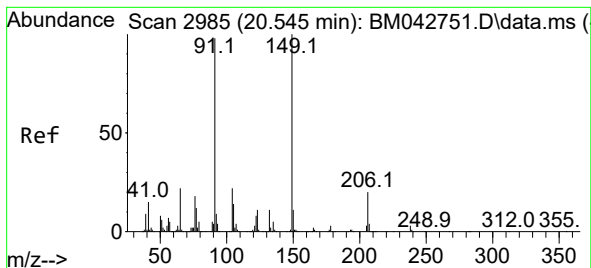
Tgt Ion:202 Resp: 397848
Ion Ratio Lower Upper
202 100
101 9.3 6.6 9.8
100 7.5 5.6 8.4



#82
Pyrene
Concen: 31.706 ng/ul
RT: 19.662 min Scan# 2835
Delta R.T. -0.012 min
Lab File: BM042759.D
Acq: 15 Nov 2023 07:00

Tgt Ion:202 Resp: 426959
Ion Ratio Lower Upper
202 100
101 11.7 8.1 12.1
100 9.9 6.9 10.3





#83

Butylbenzylphthalate

Concen: 29.462 ng/ul

RT: 20.544 min Scan# 2985

Delta R.T. -0.012 min

Lab File: BM042759.D

Acq: 15 Nov 2023 07:00

Instrument :

BNA_M

ClientSampleId :

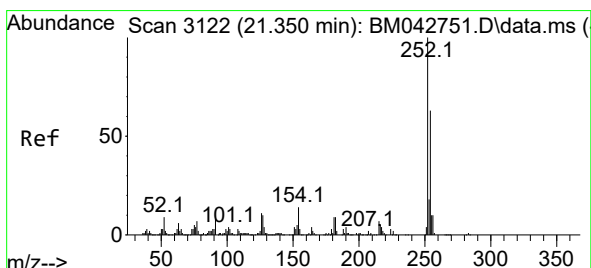
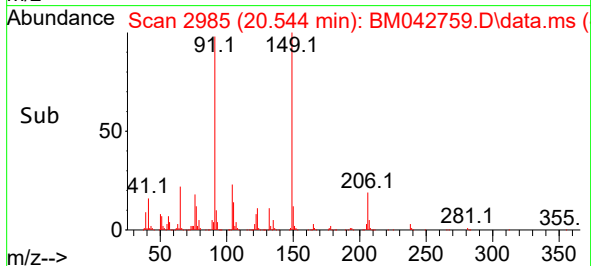
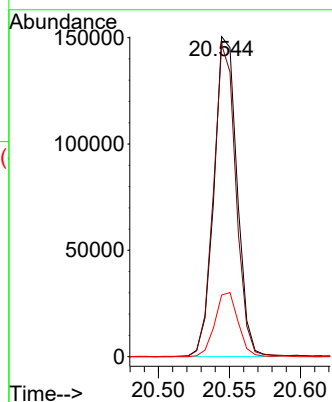
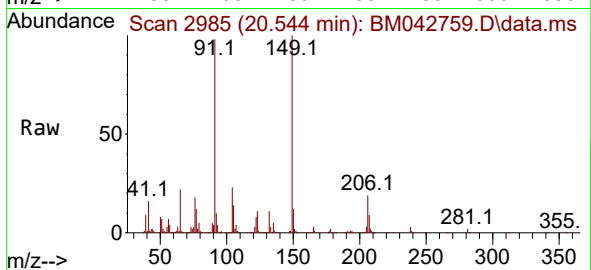
Tgt Ion:149 Resp: 169459

Ion Ratio Lower Upper

149 100

91 97.6 69.3 103.9

206 19.2 16.6 25.0



#84

3,3'-Dichlorobenzidine

Concen: 28.253 ng/ul

RT: 21.356 min Scan# 3123

Delta R.T. -0.006 min

Lab File: BM042759.D

Acq: 15 Nov 2023 07:00

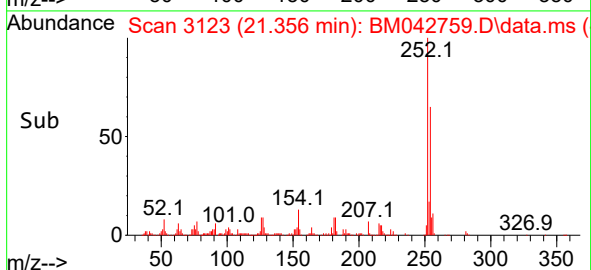
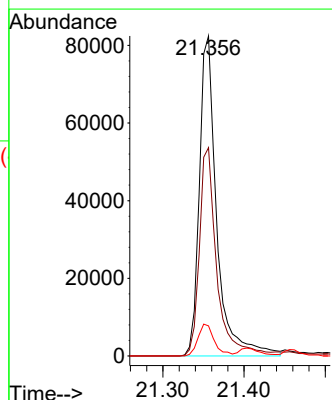
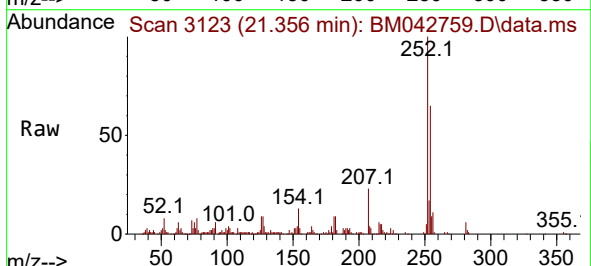
Tgt Ion:252 Resp: 122996

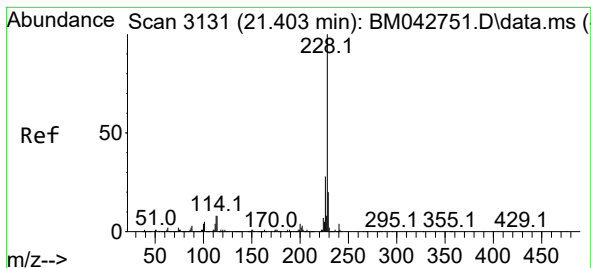
Ion Ratio Lower Upper

252 100

254 65.1 51.8 77.6

126 9.4 7.8 11.8





#85

Benzo(a)anthracene

Concen: 32.228 ng/ul

RT: 21.403 min Scan# 3131

Delta R.T. -0.012 min

Lab File: BM042759.D

Acq: 15 Nov 2023 07:00

Instrument :

BNA_M

ClientSampleId :

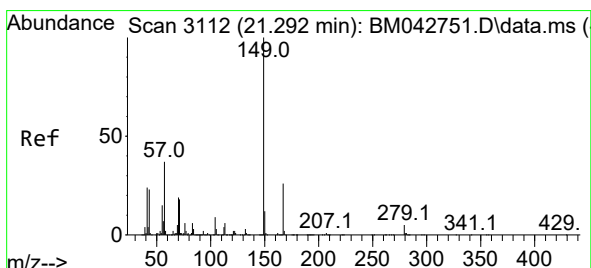
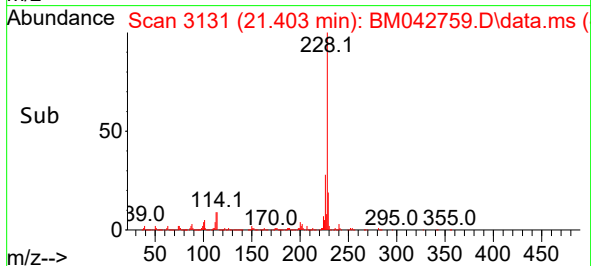
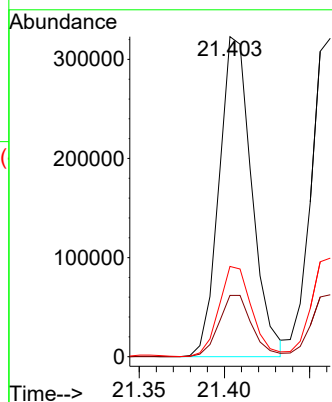
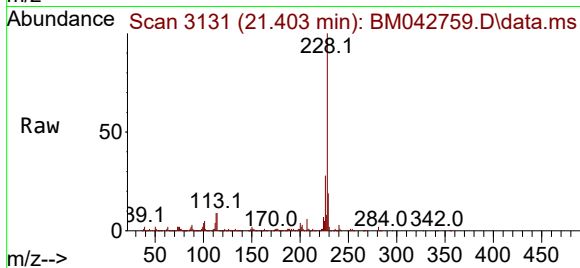
Tgt Ion:228 Resp: 430322

Ion Ratio Lower Upper

228 100

229 19.1 15.8 23.6

226 28.2 22.5 33.7



#86

Bis(2-ethylhexyl)phthalate

Concen: 29.219 ng/ul

RT: 21.291 min Scan# 3112

Delta R.T. -0.006 min

Lab File: BM042759.D

Acq: 15 Nov 2023 07:00

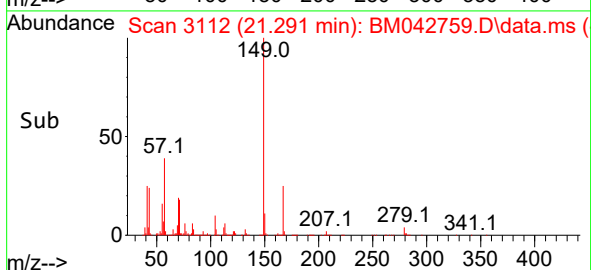
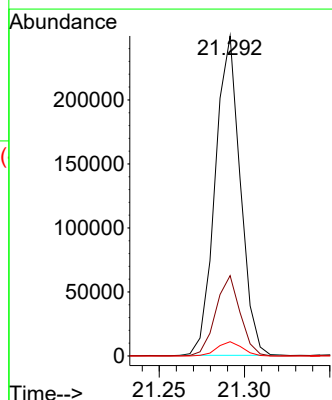
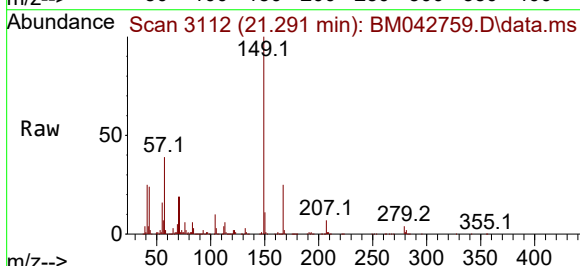
Tgt Ion:149 Resp: 254979

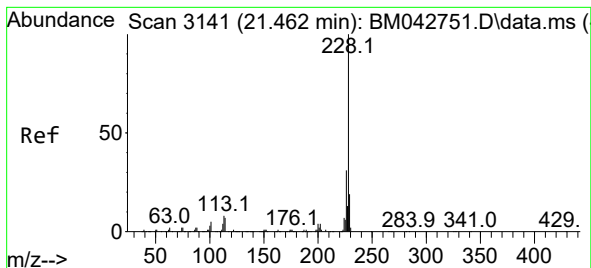
Ion Ratio Lower Upper

149 100

167 25.1 20.6 31.0

279 4.4 3.5 5.3





#87

Chrysene

Concen: 32.230 ng/ul

RT: 21.462 min Scan# 3141

Delta R.T. -0.006 min

Lab File: BM042759.D

Acq: 15 Nov 2023 07:00

Instrument :

BNA_M

ClientSampleId :

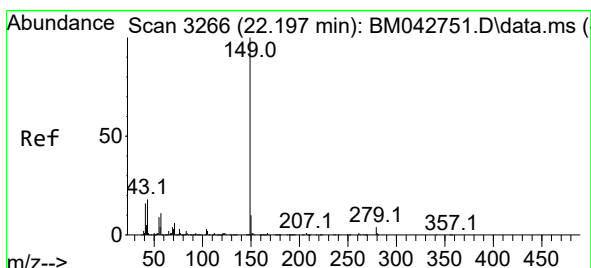
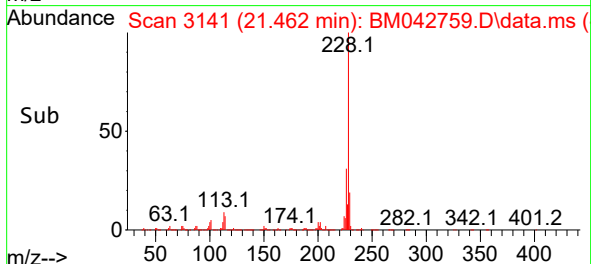
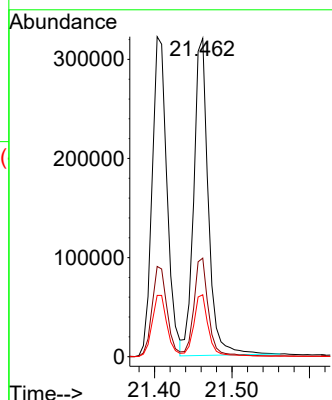
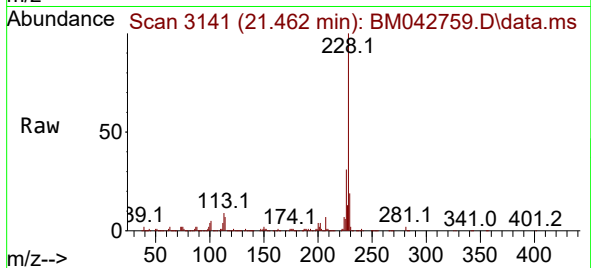
Tgt Ion:228 Resp: 417366

Ion Ratio Lower Upper

228 100

226 31.0 24.3 36.5

229 19.4 15.7 23.5



#89

Di-n-octyl phthalate

Concen: 29.429 ng/ul

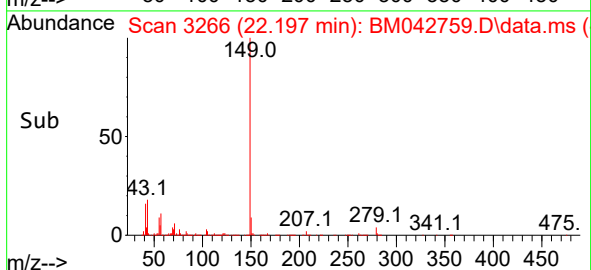
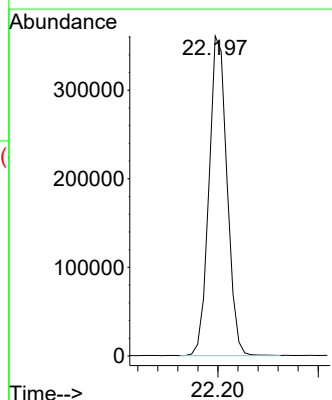
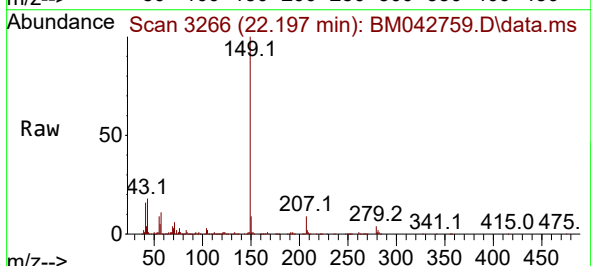
RT: 22.197 min Scan# 3266

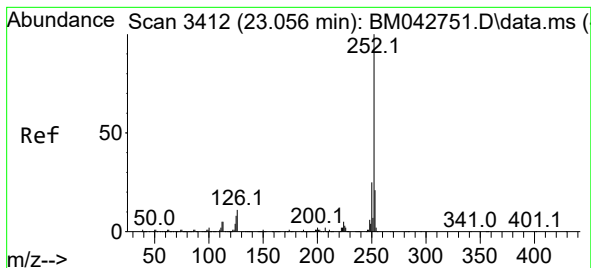
Delta R.T. -0.018 min

Lab File: BM042759.D

Acq: 15 Nov 2023 07:00

Tgt Ion:149 Resp: 449128





#90

Benzo(b)fluoranthene

Concen: 33.123 ng/ul

RT: 23.056 min Scan# 3412

Delta R.T. -0.018 min

Lab File: BM042759.D

Acq: 15 Nov 2023 07:00

Instrument :

BNA_M

ClientSampleId :

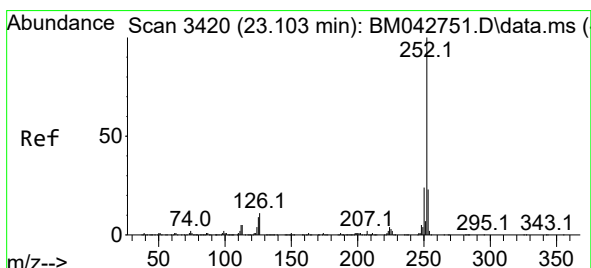
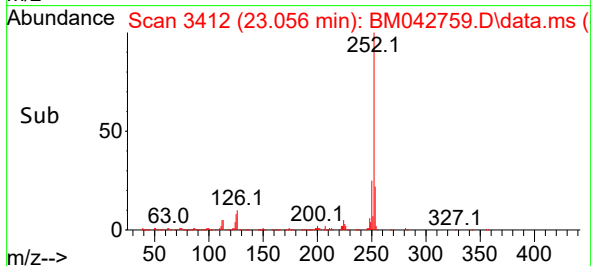
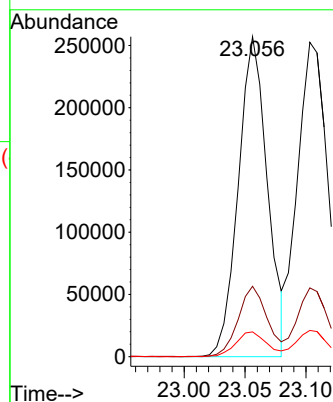
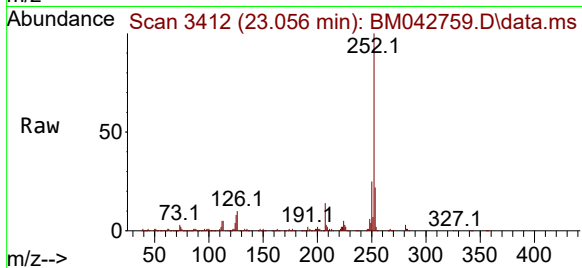
Tgt Ion:252 Resp: 427082

Ion Ratio Lower Upper

252 100

253 22.0 17.0 25.6

125 7.8 5.2 7.8



#91

Benzo(k)fluoranthene

Concen: 31.116 ng/ul

RT: 23.056 min Scan# 3412

Delta R.T. -0.065 min

Lab File: BM042759.D

Acq: 15 Nov 2023 07:00

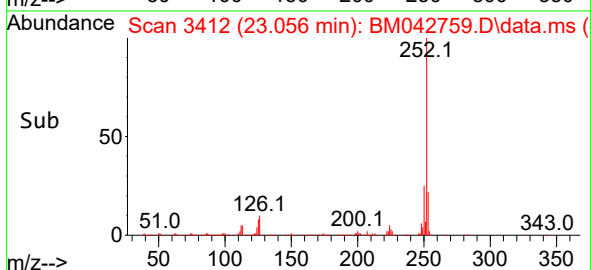
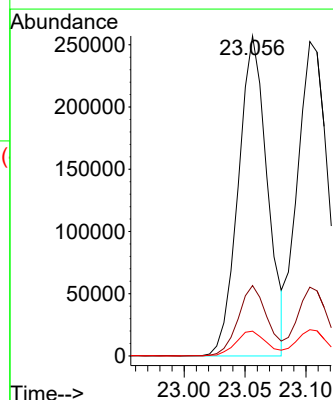
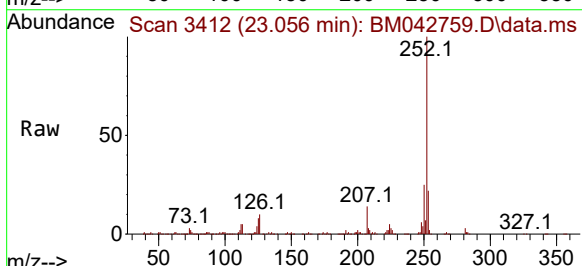
Tgt Ion:252 Resp: 427082

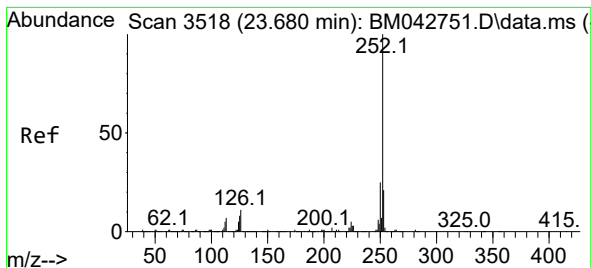
Ion Ratio Lower Upper

252 100

253 22.0 17.5 26.3

125 7.8 5.5 8.3





#93

Benzo(a)pyrene

Concen: 34.103 ng/ul

RT: 23.680 min Scan# 3518

Delta R.T. -0.018 min

Lab File: BM042759.D

Acq: 15 Nov 2023 07:00

Instrument :

BNA_M

ClientSampleId :

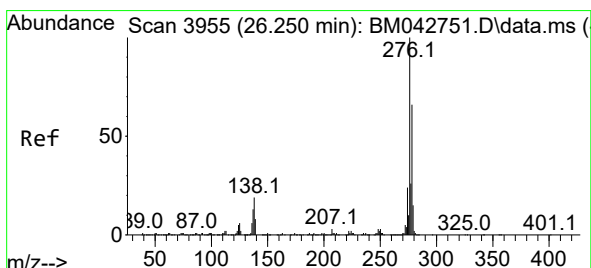
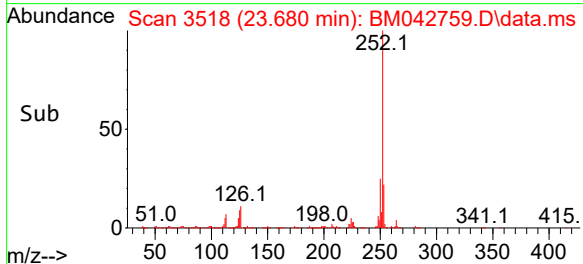
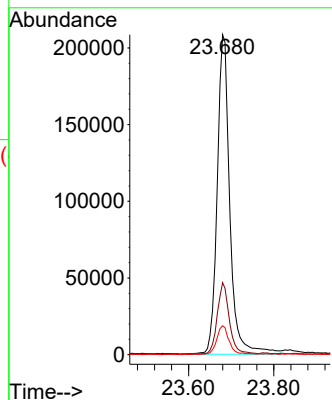
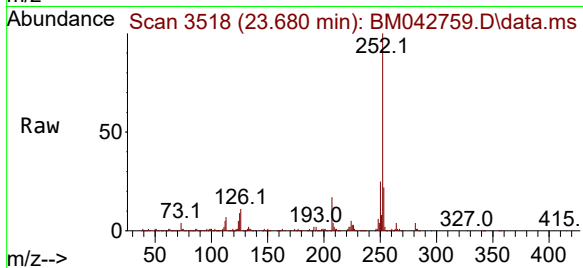
Tgt Ion:252 Resp: 428477

Ion Ratio Lower Upper

252 100

253 22.5 17.0 25.6

125 9.1 6.3 9.5



#94

Indeno(1,2,3-cd)pyrene

Concen: 34.073 ng/ul

RT: 26.256 min Scan# 3956

Delta R.T. -0.024 min

Lab File: BM042759.D

Acq: 15 Nov 2023 07:00

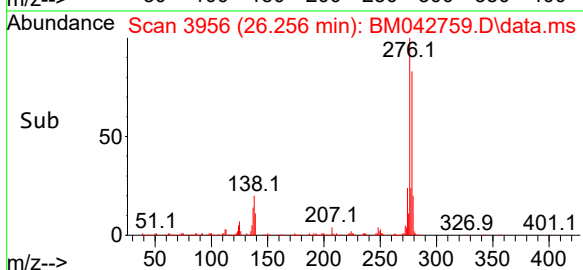
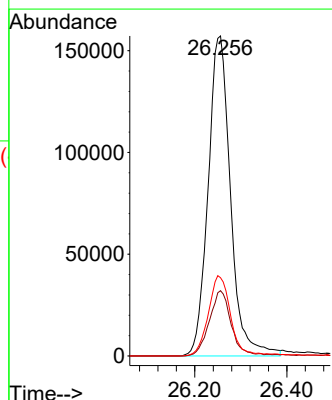
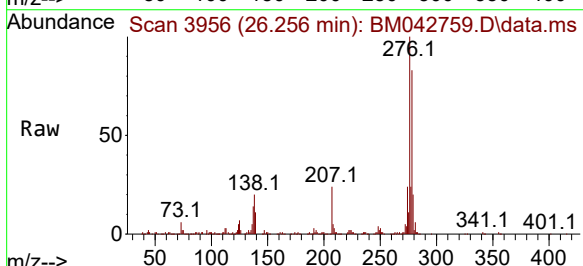
Tgt Ion:276 Resp: 532028

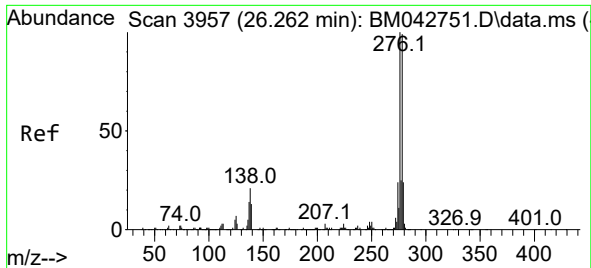
Ion Ratio Lower Upper

276 100

138 20.4 13.8 20.8

277 24.4 19.7 29.5

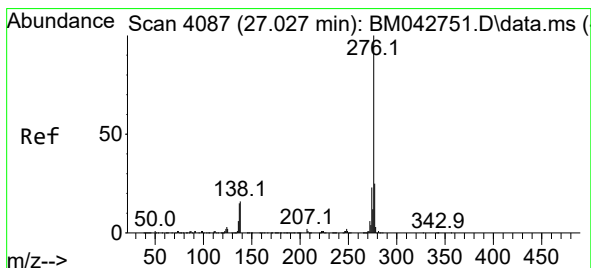
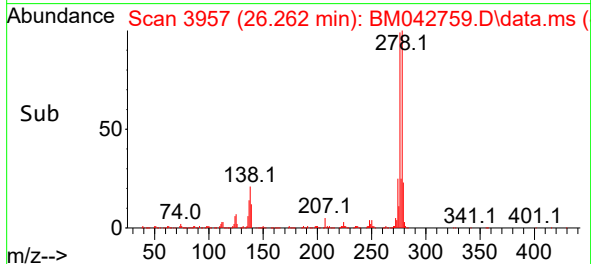
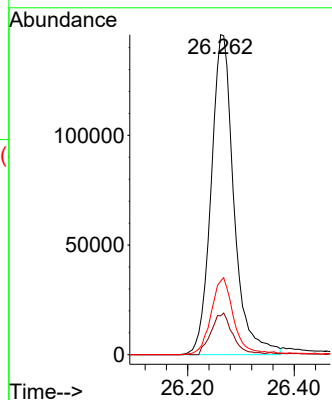
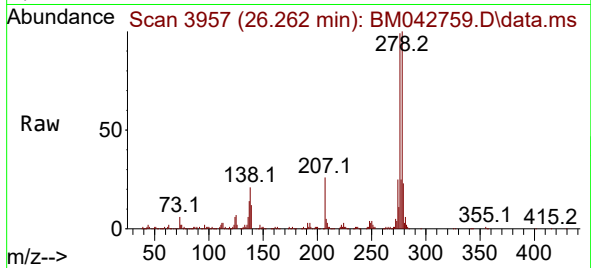




#95
 Dibenzo(a,h)anthracene
 Concen: 33.544 ng/ul
 RT: 26.262 min Scan# 3957
 Delta R.T. -0.035 min
 Lab File: BM042759.D
 Acq: 15 Nov 2023 07:00

Instrument :
 BNA_M
 ClientSampleId :

Tgt Ion:278 Resp: 434240
 Ion Ratio Lower Upper
 278 100
 139 12.1 9.0 13.4
 279 23.0 18.8 28.2



#96
 Benzo(g,h,i)perylene
 Concen: 33.673 ng/ul
 RT: 27.021 min Scan# 4086
 Delta R.T. -0.030 min
 Lab File: BM042759.D
 Acq: 15 Nov 2023 07:00

Tgt Ion:276 Resp: 417524
 Ion Ratio Lower Upper
 276 100
 138 16.1 13.0 19.6
 277 23.5 18.4 27.6

