

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110223\
 Data File : BM042555.D
 Acq On : 02 Nov 2023 11:15
 Operator : MA/JU
 Sample : PB156832BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB156832BS

Quant Time: Nov 02 22:37:59 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 31 02:55:18 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.928	152	87108	20.000	ng	0.00
21) Naphthalene-d8	10.745	136	350032	20.000	ng	0.00
39) Acenaphthene-d10	14.580	164	220043	20.000	ng	0.00
64) Phenanthrene-d10	17.333	188	443283	20.000	ng	0.00
76) Chrysene-d12	21.515	240	299745	20.000	ng	0.00
86) Perylene-d12	23.938	264	267910	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	753055	139.521	ng	0.00
7) Phenol-d6	7.098	99	968627	130.854	ng	0.00
23) Nitrobenzene-d5	9.134	82	676078	90.038	ng	0.00
42) 2,4,6-Tribromophenol	16.080	330	419865	146.149	ng	0.00
45) 2-Fluorobiphenyl	13.198	172	1500070	91.732	ng	0.00
79) Terphenyl-d14	19.945	244	2077066	117.496	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.316	88	78253	30.422	ng	# 94
3) Pyridine	3.740	79	208333	28.234	ng	96
4) n-Nitrosodimethylamine	3.669	42	170828	48.107	ng	# 84
6) Aniline	7.269	93	293523	31.195	ng	97
8) 2-Chlorophenol	7.487	128	276217	47.461	ng	97
9) Benzaldehyde	7.087	77	71412	16.739	ng	97
10) Phenol	7.128	94	356504	47.421	ng	94
11) bis(2-Chloroethyl)ether	7.369	93	266605	41.919	ng	99
12) 1,3-Dichlorobenzene	7.804	146	288273	45.831	ng	98
13) 1,4-Dichlorobenzene	7.963	146	294280	46.229	ng	97
14) 1,2-Dichlorobenzene	8.275	146	283088	46.061	ng	98
15) Benzyl Alcohol	8.192	79	276956	52.849	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.439	45	220987	21.834	ng	99
17) 2-Methylphenol	8.381	107	235609	44.261	ng	96
18) Hexachloroethane	8.986	117	120226	48.268	ng	93
19) n-Nitroso-di-n-propyla...	8.751	70	238640	45.572	ng	95
20) 3+4-Methylphenols	8.716	107	317290	44.582	ng	97
22) Acetophenone	8.781	105	417837	47.331	ng	# 97
24) Nitrobenzene	9.175	77	351195	47.486	ng	98
25) Isophorone	9.686	82	626772	47.160	ng	99
26) 2-Nitrophenol	9.875	139	149648	47.613	ng	97
27) 2,4-Dimethylphenol	9.916	122	222739	43.809	ng	94
28) bis(2-Chloroethoxy)met...	10.169	93	368118	45.975	ng	100
29) 2,4-Dichlorophenol	10.398	162	274475	54.559	ng	98
30) 1,2,4-Trichlorobenzene	10.598	180	289629	52.533	ng	99
31) Naphthalene	10.798	128	829202	45.851	ng	100
32) Benzoic acid	10.110	122	191663	46.490	ng	96
33) 4-Chloroaniline	10.939	127	85761	12.162	ng	96
34) Hexachlorobutadiene	11.016	225	192092	57.386	ng	99
35) Caprolactam	11.792	113	51252	28.996	ng	97
36) 4-Chloro-3-methylphenol	12.051	107	285047	49.787	ng	99
37) 2-Methylnaphthalene	12.404	142	562809	44.189	ng	97
38) 1-Methylnaphthalene	12.622	142	549249	45.816	ng	99
40) 1,2,4,5-Tetrachloroben...	12.757	216	341598	51.964	ng	99
41) Hexachlorocyclopentadiene	12.698	237	439802	109.191	ng	99
43) 2,4,6-Trichlorophenol	13.016	196	226821	53.871	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110223\
 Data File : BM042555.D
 Acq On : 02 Nov 2023 11:15
 Operator : MA/JU
 Sample : PB156832BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

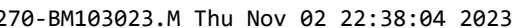
Instrument :
 BNA_M
 ClientSampleId :
 PB156832BS

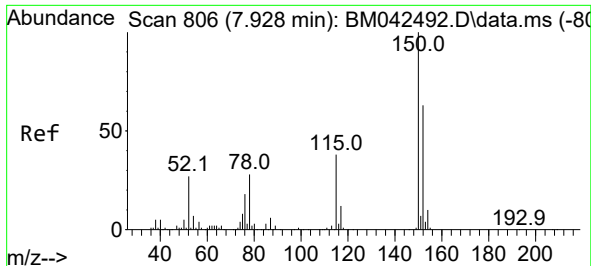
Quant Time: Nov 02 22:37:59 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 31 02:55:18 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.092	196	246910	49.280	ng	97
46) 1,1'-Biphenyl	13.416	154	790577	47.001	ng	99
47) 2-Chloronaphthalene	13.463	162	605064	49.034	ng	100
48) 2-Nitroaniline	13.704	65	209776	42.679	ng	98
49) Acenaphthylene	14.310	152	1001542	49.008	ng	99
50) Dimethylphthalate	14.045	163	768307	46.716	ng	99
51) 2,6-Dinitrotoluene	14.198	165	161622	47.683	ng	99
52) Acenaphthene	14.645	154	558845	45.058	ng	99
53) 3-Nitroaniline	14.533	138	80805	23.683	ng	95
54) 2,4-Dinitrophenol	14.745	184	207808	85.781	ng	95
55) Dibenzofuran	14.980	168	944856	46.855	ng	100
56) 4-Nitrophenol	14.839	139	250266	81.146	ng	88
57) 2,4-Dinitrotoluene	14.980	165	225101	44.170	ng	98
58) Fluorene	15.627	166	757687	46.438	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.204	232	212488	50.351	ng	97
60) Diethylphthalate	15.392	149	768155	46.103	ng	99
61) 4-Chlorophenyl-phenyle...	15.615	204	409626	49.695	ng	98
62) 4-Nitroaniline	15.704	138	131622	39.873	ng	89
63) Azobenzene	15.915	77	852886	46.452	ng	95
65) 4,6-Dinitro-2-methylph...	15.733	198	124041	44.071	ng	97
66) n-Nitrosodiphenylamine	15.845	169	632021	50.566	ng	98
67) 4-Bromophenyl-phenylether	16.515	248	238460	53.798	ng	97
68) Hexachlorobenzene	16.598	284	274412	55.960	ng	99
69) Atrazine	16.792	200	236256	65.416	ng	99
70) Pentachlorophenol	16.968	266	362174	100.462	ng	99
71) Phenanthrene	17.374	178	1104576	47.682	ng	100
72) Anthracene	17.468	178	1112205	48.472	ng	100
73) Carbazole	17.756	167	928064	49.718	ng	100
74) Di-n-butylphthalate	18.268	149	1295922	49.438	ng	99
75) Fluoranthene	19.386	202	1214543	44.633	ng	99
77) Benzidine	19.598	184	421151	146.475	ng	99
78) Pyrene	19.756	202	1227476	59.637	ng	99
80) Butylbenzylphthalate	20.633	149	497560	56.600	ng	97
81) Benzo(a)anthracene	21.497	228	952777	49.959	ng	100
82) 3,3'-Dichlorobenzidine	21.439	252	249353	41.139	ng	98
83) Chrysene	21.556	228	880597	45.456	ng	99
84) Bis(2-ethylhexyl)phtha...	21.374	149	697149	52.473	ng	99
85) Di-n-octyl phthalate	22.309	149	1062841	46.477	ng	99
87) Indeno(1,2,3-cd)pyrene	26.479	276	792647	49.710	ng	# 94
88) Benzo(b)fluoranthene	23.191	252	761007	50.986	ng	99
89) Benzo(k)fluoranthene	23.191	252	761007	45.756	ng	98
90) Benzo(a)pyrene	23.833	252	651665	44.347	ng	# 98
91) Dibenzo(a,h)anthracene	26.497	278	653232	44.688	ng	# 95
92) Benzo(g,h,i)perylene	27.279	276	623317	44.353	ng	# 95

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

Quant Time: Nov 02 22:37:59 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 31 02:55:18 2023
Response via : Initial Calibration

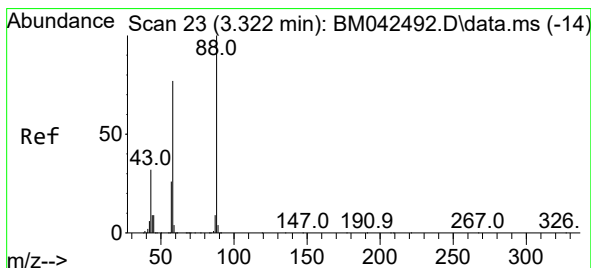
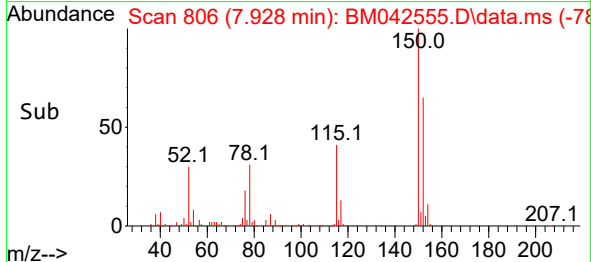
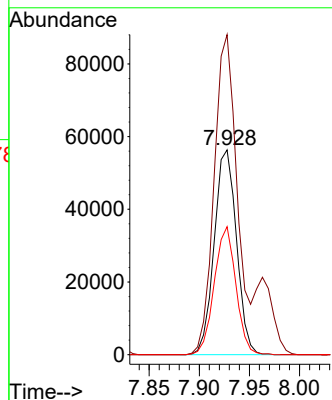
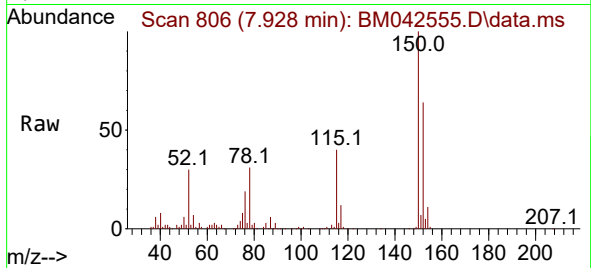




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.928 min Scan# 80
Delta R.T. -0.000 min
Lab File: BM042555.D
Acq: 02 Nov 2023 11:15

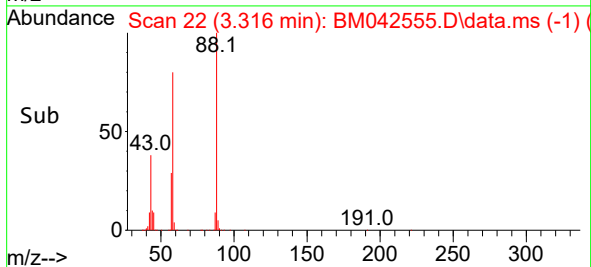
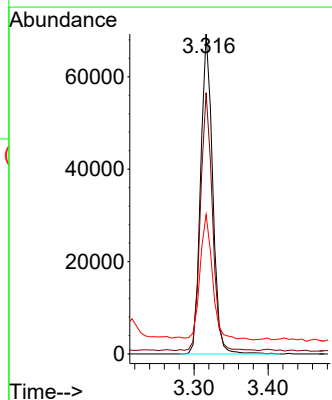
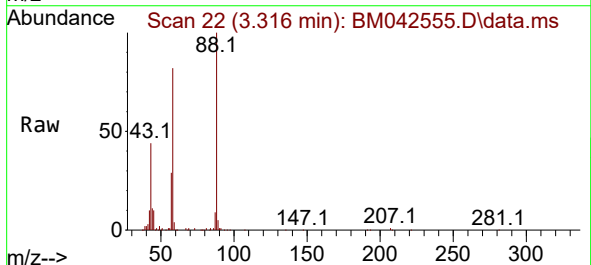
Instrument :
BNA_M
ClientSampleId :
PB156832BS

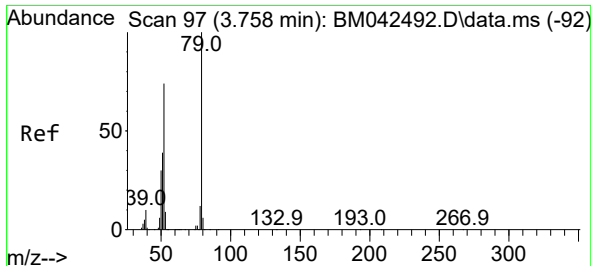
Tgt Ion:152 Resp: 87108
Ion Ratio Lower Upper
152 100
150 156.3 127.4 191.0
115 62.5 47.9 71.9



#2
1,4-Dioxane
Concen: 30.422 ng
RT: 3.316 min Scan# 22
Delta R.T. -0.006 min
Lab File: BM042555.D
Acq: 02 Nov 2023 11:15

Tgt Ion: 88 Resp: 78253
Ion Ratio Lower Upper
88 100
58 80.1 62.6 93.8
43 40.8 26.5 39.7

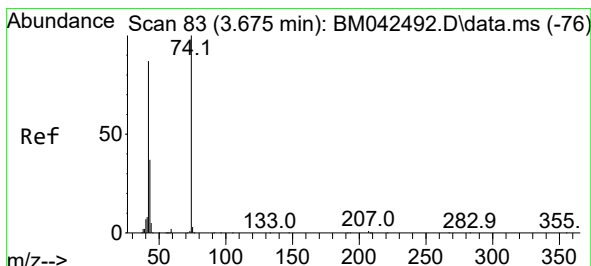
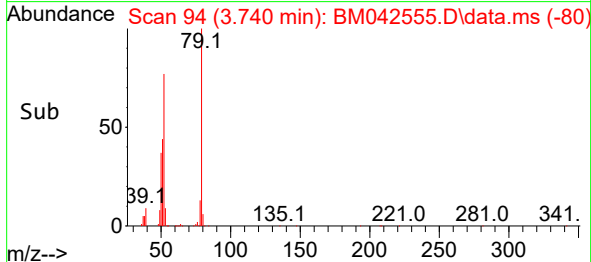
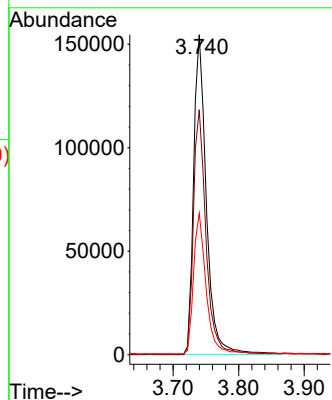
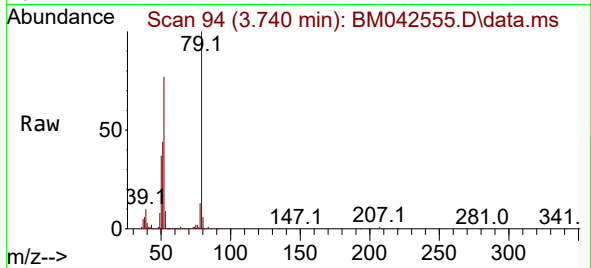




#3
Pyridine
Concen: 28.234 ng
RT: 3.740 min Scan# 94
Delta R.T. -0.018 min
Lab File: BM042555.D
Acq: 02 Nov 2023 11:15

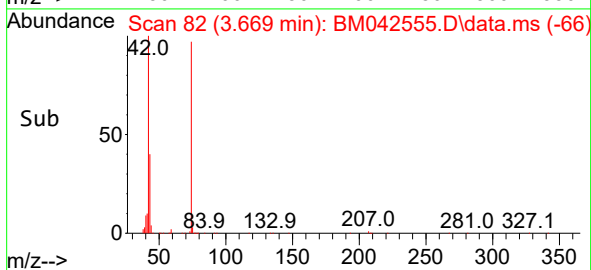
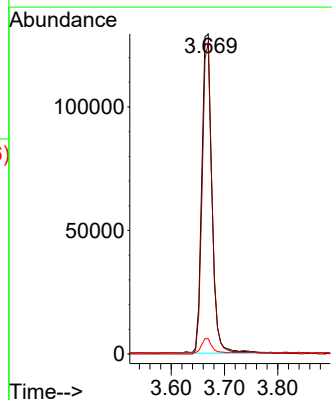
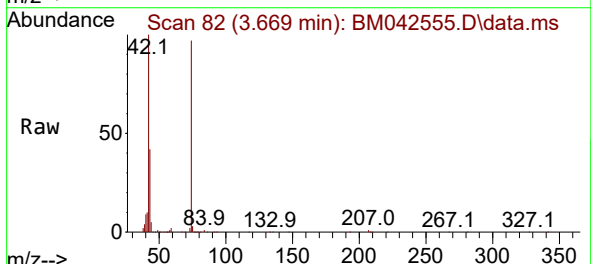
Instrument :
BNA_M
ClientSampleId :
PB156832BS

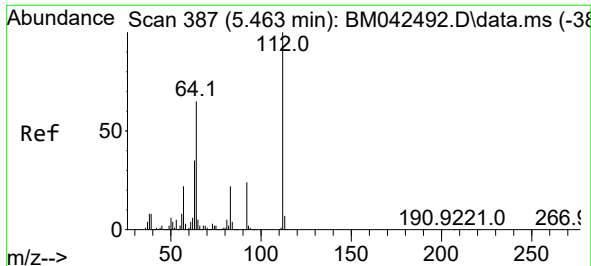
Tgt Ion: 79 Resp: 208333
Ion Ratio Lower Upper
79 100
52 76.5 59.3 88.9
51 44.2 32.7 49.1



#4
n-Nitrosodimethylamine
Concen: 48.107 ng
RT: 3.669 min Scan# 82
Delta R.T. -0.006 min
Lab File: BM042555.D
Acq: 02 Nov 2023 11:15

Tgt Ion: 42 Resp: 170828
Ion Ratio Lower Upper
42 100
74 97.2 92.2 138.2
44 4.8 5.1 7.7

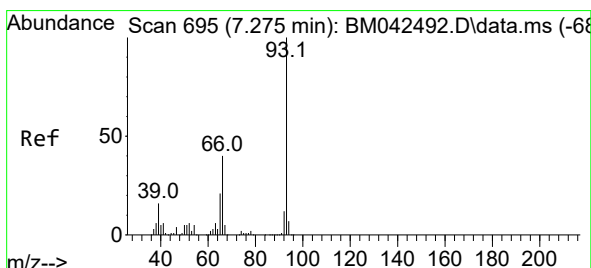
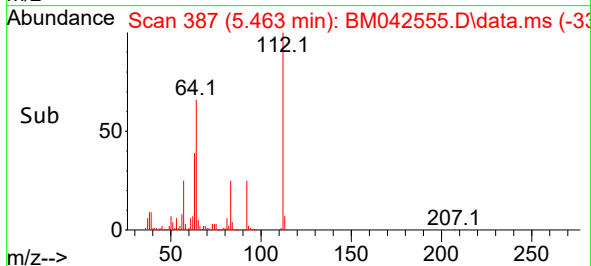
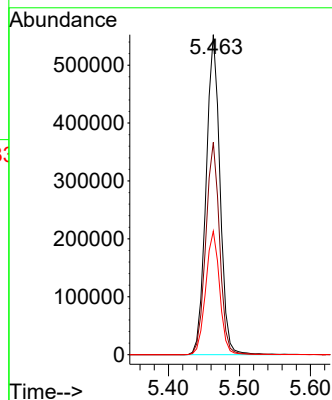
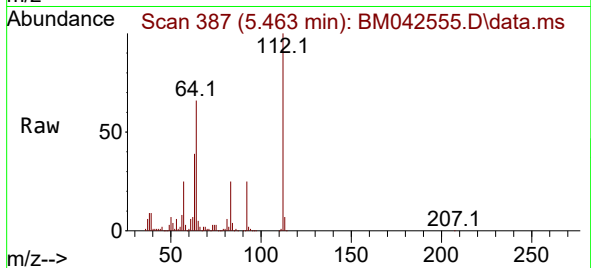




#5
2-Fluorophenol
Concen: 139.521 ng
RT: 5.463 min Scan# 387
Delta R.T. -0.000 min
Lab File: BM042555.D
Acq: 02 Nov 2023 11:15

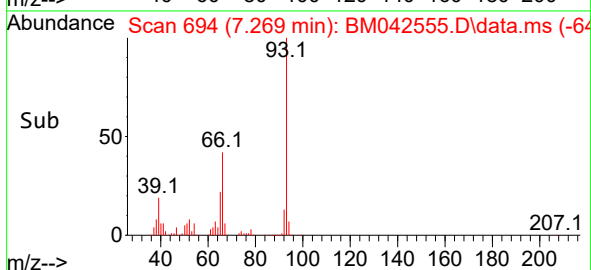
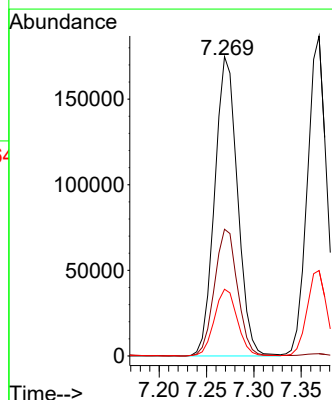
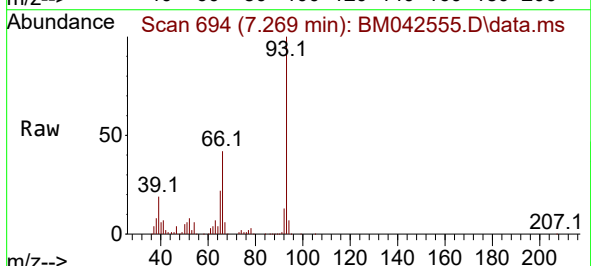
Instrument :
BNA_M
ClientSampleId :
PB156832BS

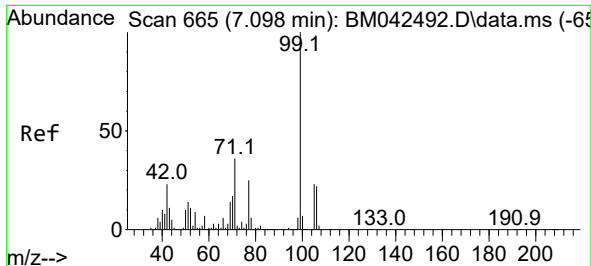
Tgt Ion:	112	Resp:	753055
Ion Ratio	Lower	Upper	
112	100		
64	66.4	52.1	78.1
63	38.6	28.3	42.5



#6
Aniline
Concen: 31.195 ng
RT: 7.269 min Scan# 694
Delta R.T. -0.006 min
Lab File: BM042555.D
Acq: 02 Nov 2023 11:15

Tgt Ion:	93	Resp:	293523
Ion Ratio	Lower	Upper	
93	100		
66	42.3	32.2	48.2
65	22.3	17.0	25.6

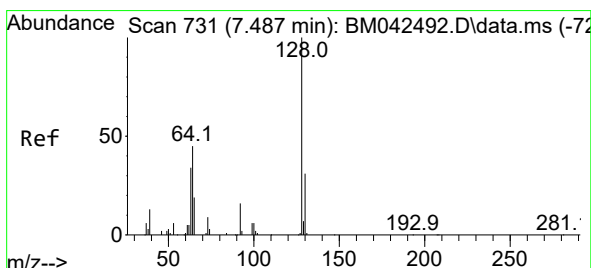
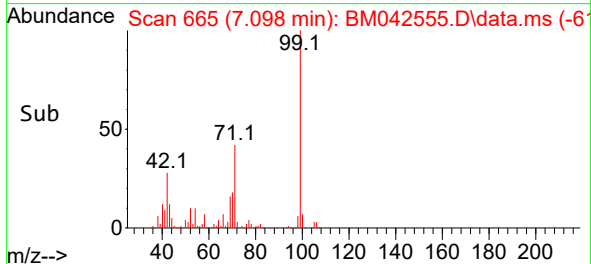
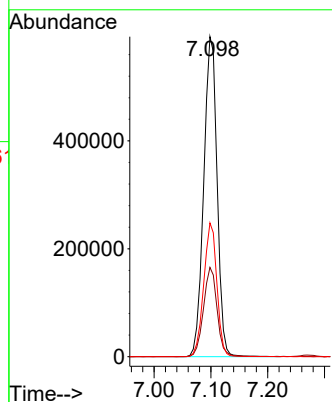
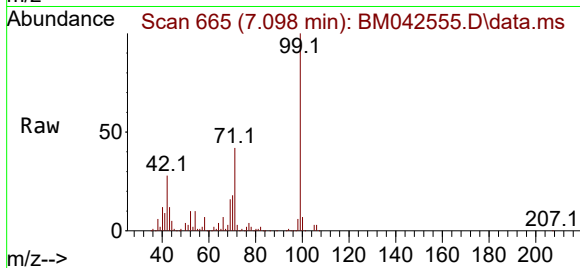




#7
Phenol-d6
Concen: 130.854 ng
RT: 7.098 min Scan# 665
Delta R.T. -0.000 min
Lab File: BM042555.D
Acq: 02 Nov 2023 11:15

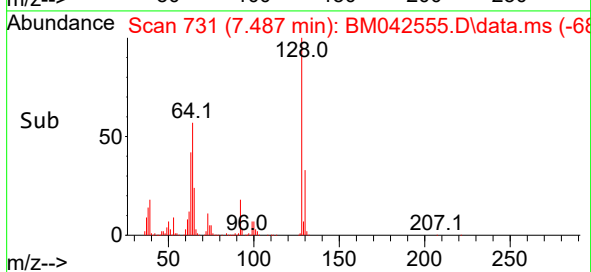
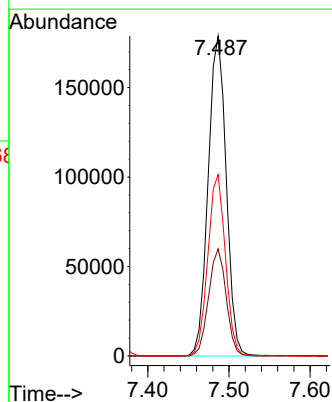
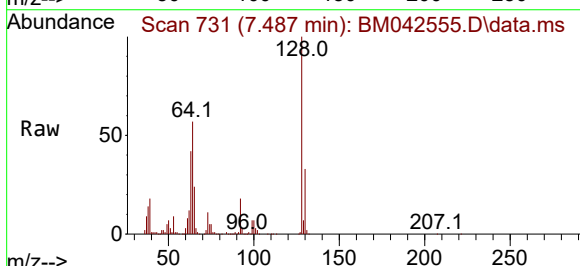
Instrument :
BNA_M
ClientSampleId :
PB156832BS

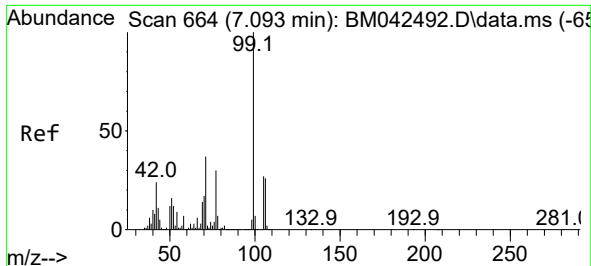
Tgt Ion: 99 Resp: 968627
Ion Ratio Lower Upper
99 100
42 27.9 18.7 28.1
71 41.8 29.1 43.7



#8
2-Chlorophenol
Concen: 47.461 ng
RT: 7.487 min Scan# 731
Delta R.T. -0.000 min
Lab File: BM042555.D
Acq: 02 Nov 2023 11:15

Tgt Ion:128 Resp: 276217
Ion Ratio Lower Upper
128 100
130 33.5 11.2 51.2
64 56.7 34.4 74.4

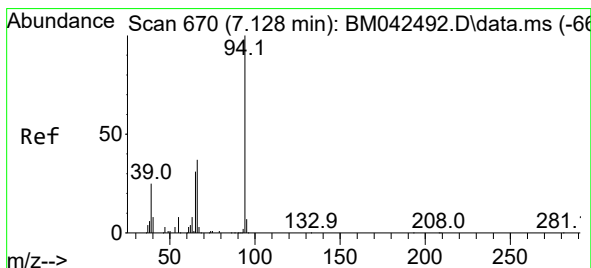
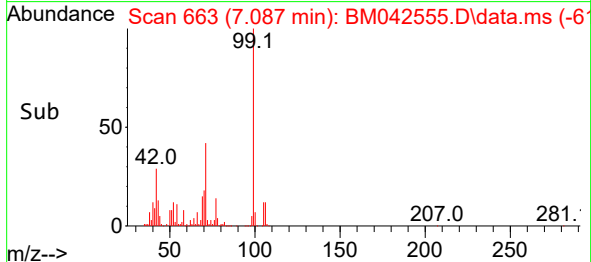
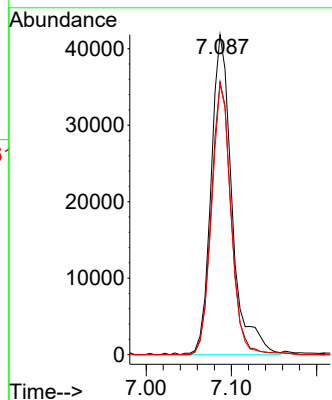
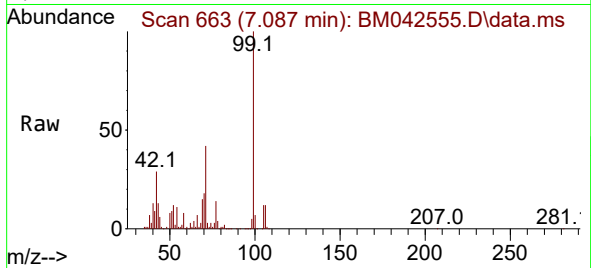




#9
Benzaldehyde
Concen: 16.739 ng
RT: 7.087 min Scan# 60
Delta R.T. -0.006 min
Lab File: BM042555.D
Acq: 02 Nov 2023 11:15

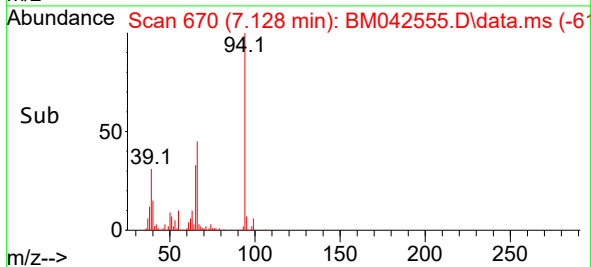
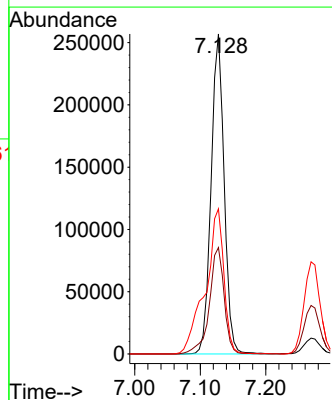
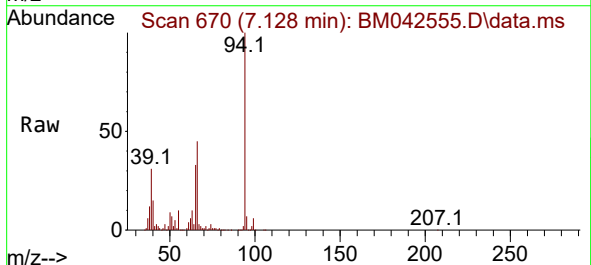
Instrument :
BNA_M
ClientSampleId :
PB156832BS

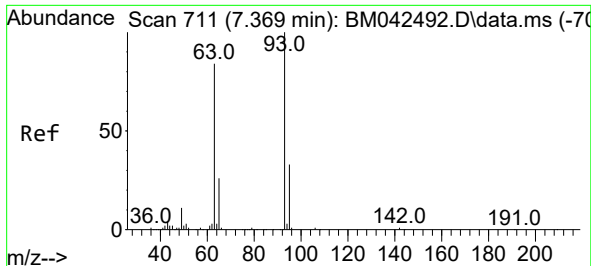
Tgt Ion: 77 Resp: 71412
Ion Ratio Lower Upper
77 100
105 85.3 69.7 109.7
106 84.7 66.4 106.4



#10
Phenol
Concen: 47.421 ng
RT: 7.128 min Scan# 670
Delta R.T. -0.000 min
Lab File: BM042555.D
Acq: 02 Nov 2023 11:15

Tgt Ion: 94 Resp: 356504
Ion Ratio Lower Upper
94 100
65 33.2 11.5 51.5
66 45.3 20.0 60.0

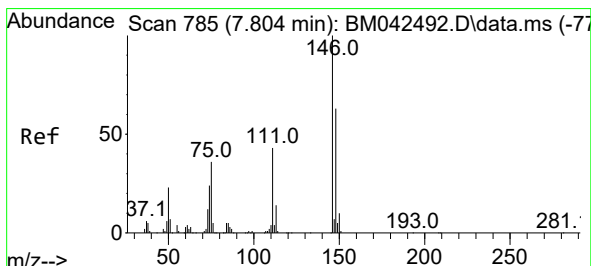
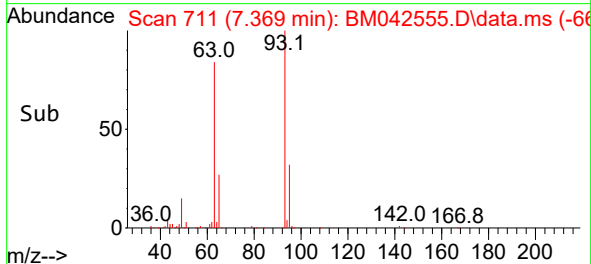
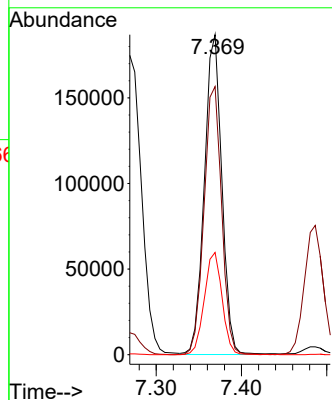
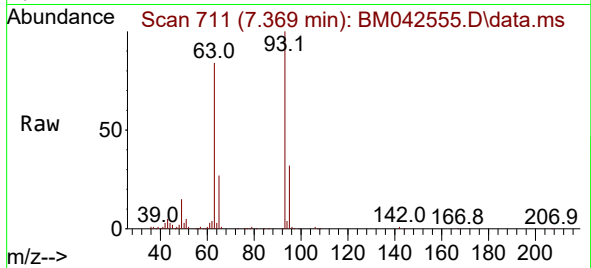




#11
bis(2-Chloroethyl)ether
Concen: 41.919 ng
RT: 7.369 min Scan# 711
Delta R.T. -0.000 min
Lab File: BM042555.D
Acq: 02 Nov 2023 11:15

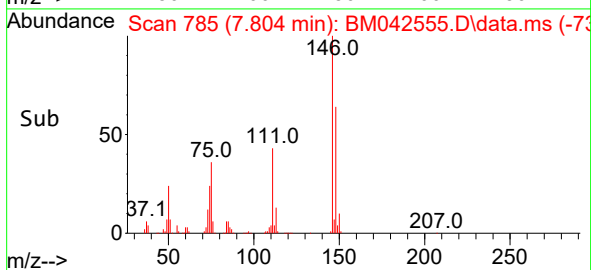
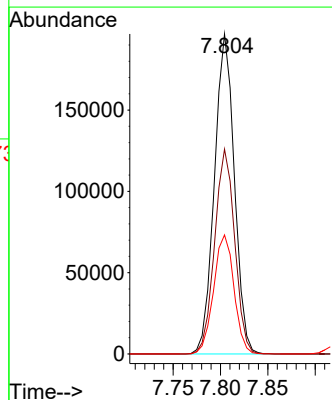
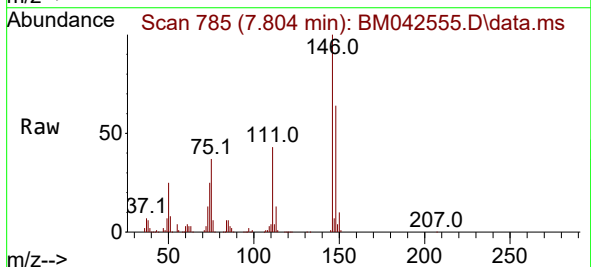
Instrument :
BNA_M
ClientSampleId :
PB156832BS

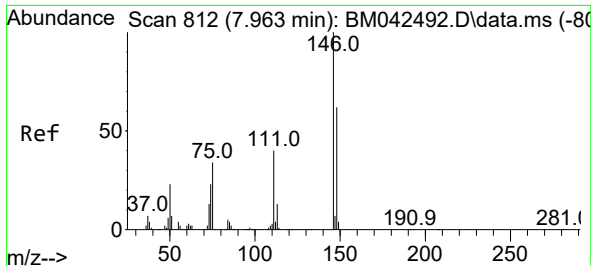
Tgt Ion: 93 Resp: 266605
Ion Ratio Lower Upper
93 100
63 83.8 63.2 103.2
95 31.9 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 45.831 ng
RT: 7.804 min Scan# 785
Delta R.T. -0.000 min
Lab File: BM042555.D
Acq: 02 Nov 2023 11:15

Tgt Ion:146 Resp: 288273
Ion Ratio Lower Upper
146 100
148 64.0 50.4 75.6
75 37.2 28.9 43.3

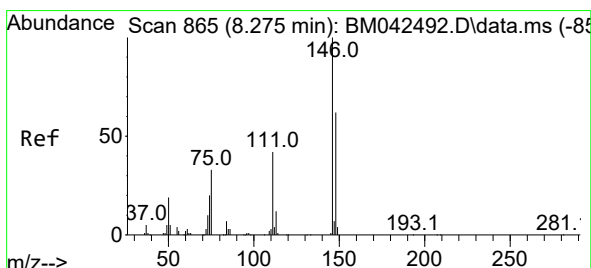
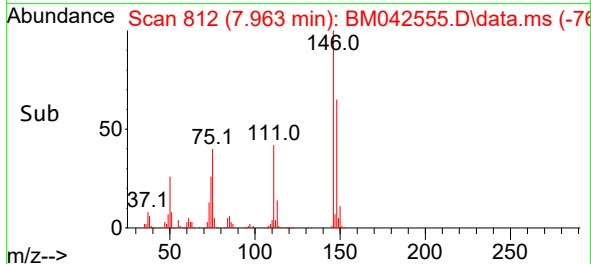
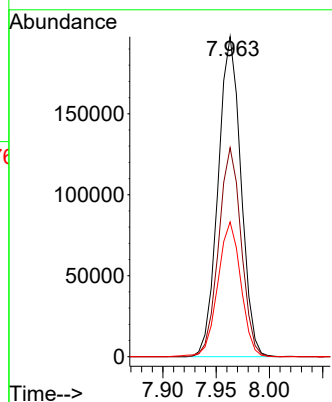
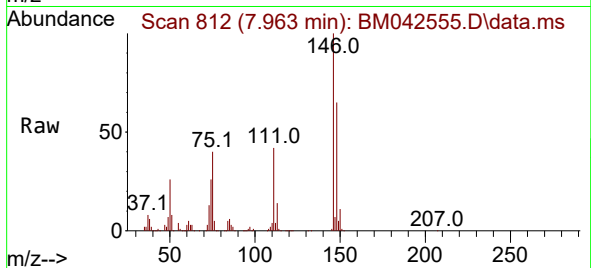




#13
1,4-Dichlorobenzene
Concen: 46.229 ng
RT: 7.963 min Scan# 812
Delta R.T. -0.000 min
Lab File: BM042555.D
Acq: 02 Nov 2023 11:15

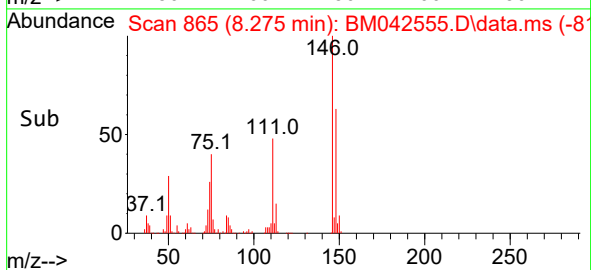
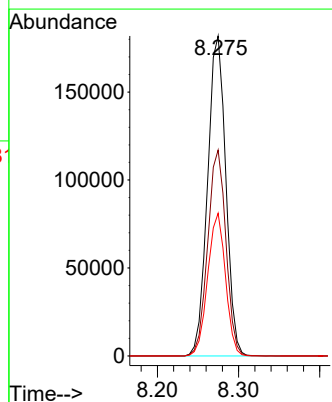
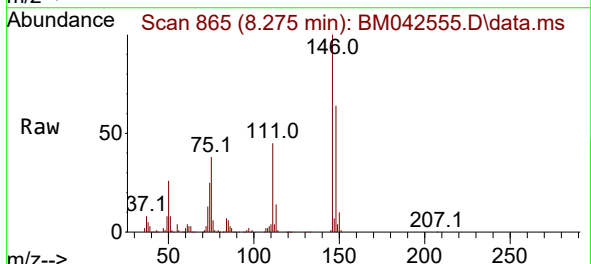
Instrument :
BNA_M
ClientSampleId :
PB156832BS

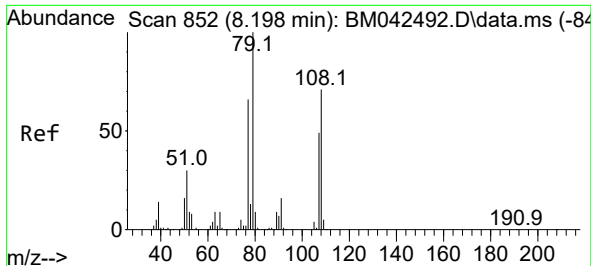
Tgt Ion:146 Resp: 294280
Ion Ratio Lower Upper
146 100
148 65.3 50.0 75.0
111 42.1 32.5 48.7



#14
1,2-Dichlorobenzene
Concen: 46.061 ng
RT: 8.275 min Scan# 865
Delta R.T. -0.000 min
Lab File: BM042555.D
Acq: 02 Nov 2023 11:15

Tgt Ion:146 Resp: 283088
Ion Ratio Lower Upper
146 100
148 64.3 50.0 75.0
111 44.6 34.5 51.7

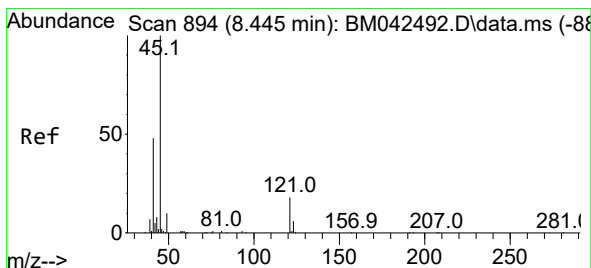
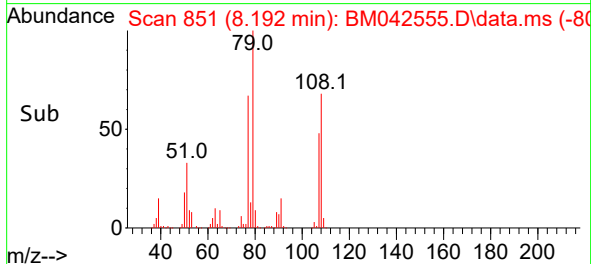
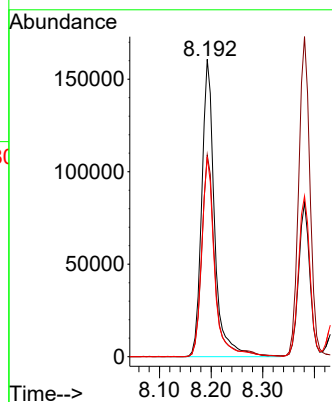
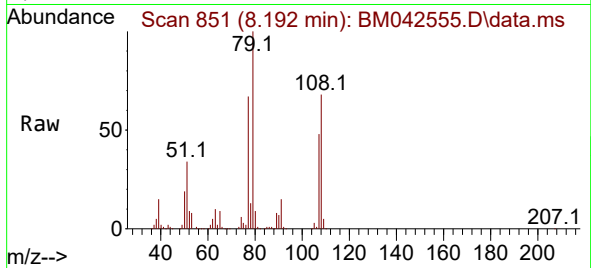




#15
Benzyl Alcohol
Concen: 52.849 ng
RT: 8.192 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM042555.D
Acq: 02 Nov 2023 11:15

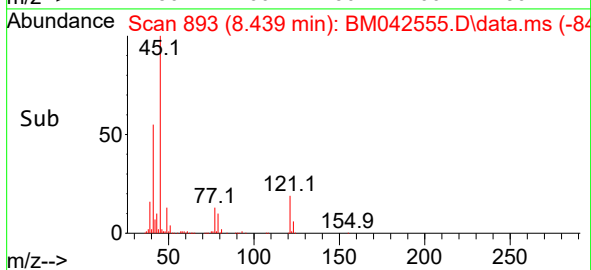
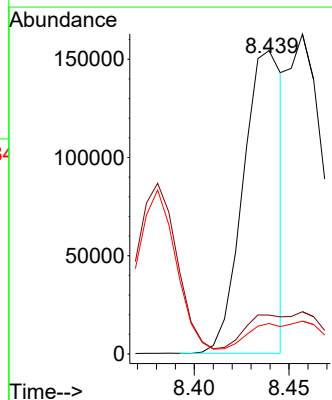
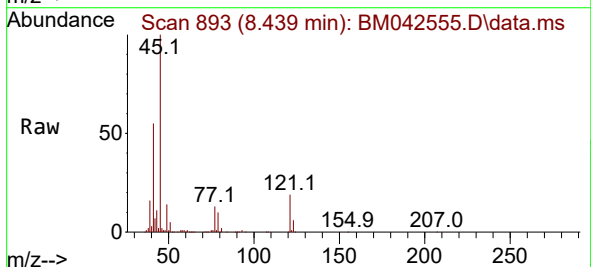
Instrument :
BNA_M
ClientSampleId :
PB156832BS

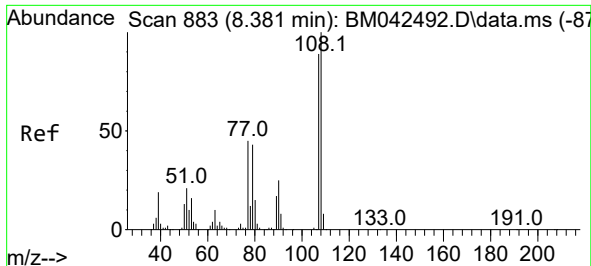
Tgt Ion: 79 Resp: 276956
Ion Ratio Lower Upper
79 100
108 67.8 56.8 85.2
77 67.2 53.0 79.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 21.834 ng
RT: 8.439 min Scan# 893
Delta R.T. -0.006 min
Lab File: BM042555.D
Acq: 02 Nov 2023 11:15

Tgt Ion: 45 Resp: 220987
Ion Ratio Lower Upper
45 100
77 12.8 0.0 33.0
79 10.0 0.0 29.5





#17

2-Methylphenol

Concen: 44.261 ng

RT: 8.381 min Scan# 81

Delta R.T. -0.000 min

Lab File: BM042555.D

Acq: 02 Nov 2023 11:15

Instrument :

BNA_M

ClientSampleId :

PB156832BS

Tgt Ion:107 Resp: 235609

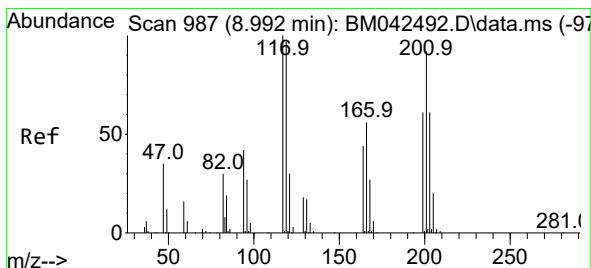
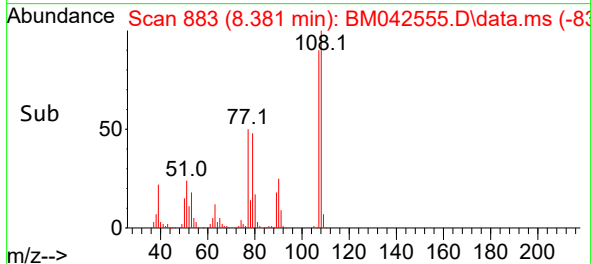
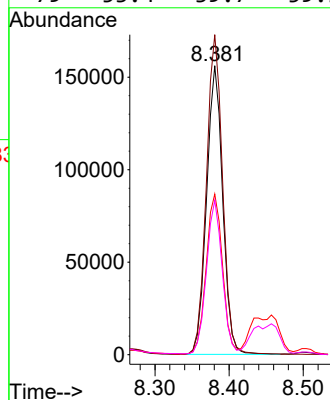
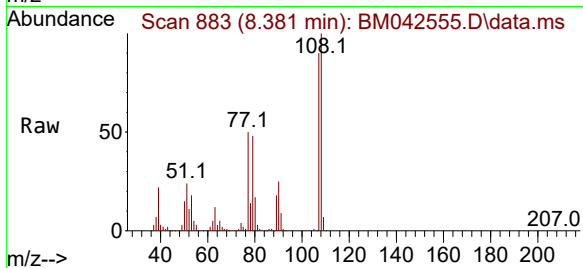
Ion Ratio Lower Upper

107 100

108 110.7 90.4 135.6

77 55.6 40.6 60.8

79 53.4 39.7 59.5



#18

Hexachloroethane

Concen: 48.268 ng

RT: 8.986 min Scan# 986

Delta R.T. -0.006 min

Lab File: BM042555.D

Acq: 02 Nov 2023 11:15

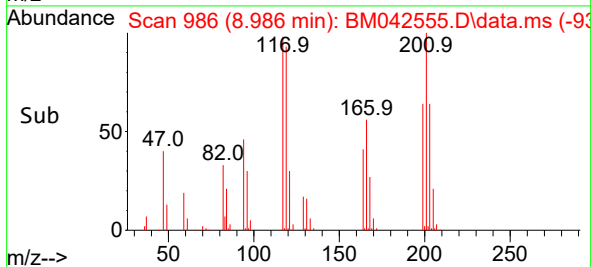
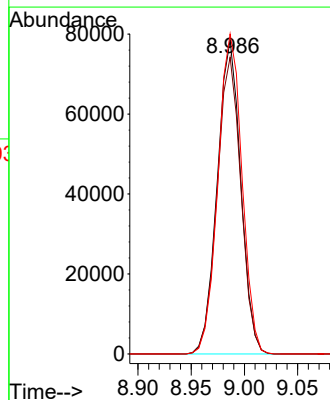
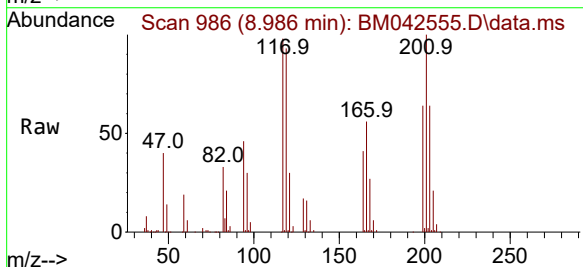
Tgt Ion:117 Resp: 120226

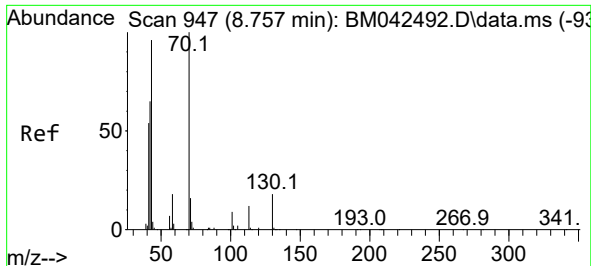
Ion Ratio Lower Upper

117 100

119 94.6 77.9 116.9

201 102.0 73.7 110.5

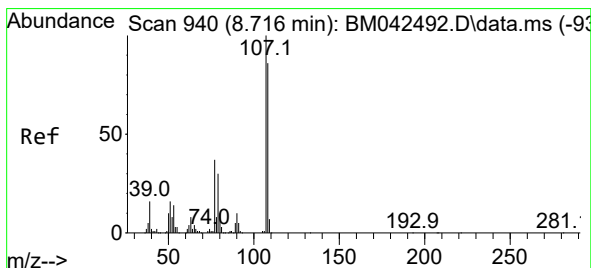
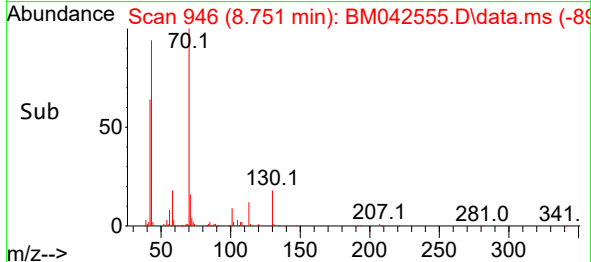
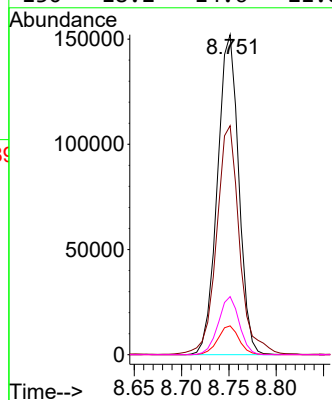
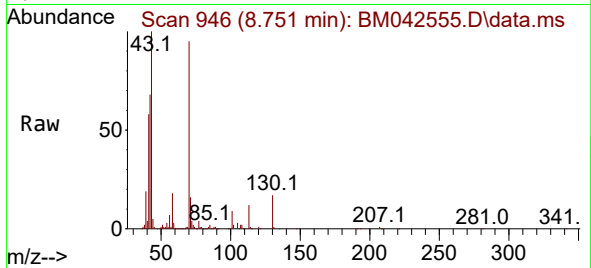




#19
n-Nitroso-di-n-propylamine
Concen: 45.572 ng
RT: 8.751 min Scan# 946
Delta R.T. -0.006 min
Lab File: BM042555.D
Acq: 02 Nov 2023 11:15

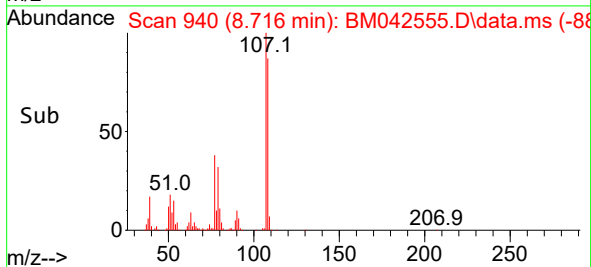
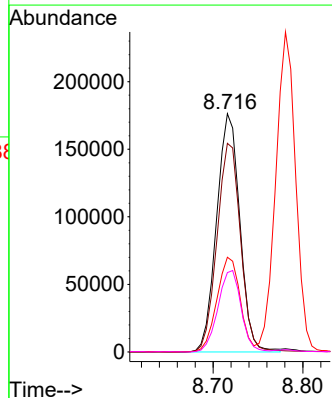
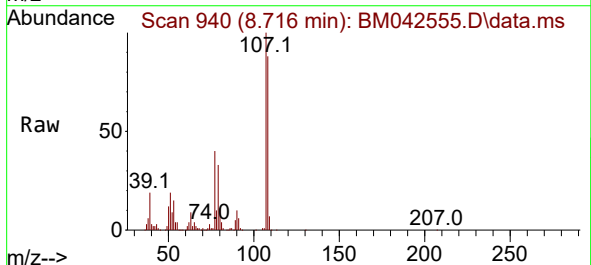
Instrument :
BNA_M
ClientSampleId :
PB156832BS

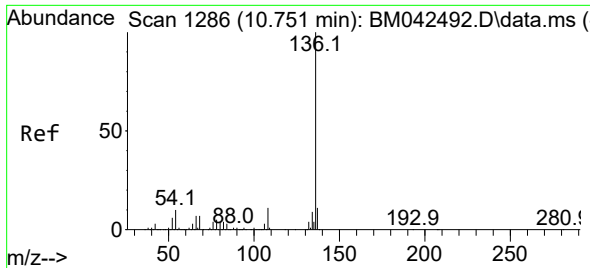
Tgt Ion: 70 Resp: 238640
Ion Ratio Lower Upper
70 100
42 71.6 52.5 78.7
101 9.0 7.0 10.4
130 18.2 14.6 21.8



#20
3+4-Methylphenols
Concen: 44.582 ng
RT: 8.716 min Scan# 940
Delta R.T. -0.000 min
Lab File: BM042555.D
Acq: 02 Nov 2023 11:15

Tgt Ion: 107 Resp: 317290
Ion Ratio Lower Upper
107 100
108 87.6 66.4 106.4
77 39.8 17.6 57.6
79 33.3 10.2 50.2

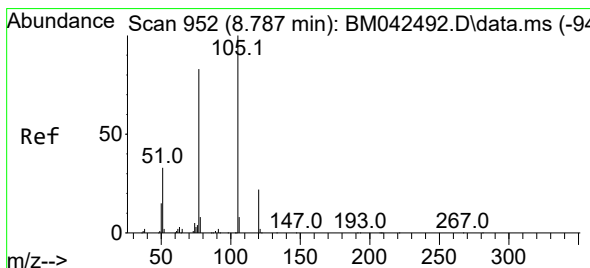
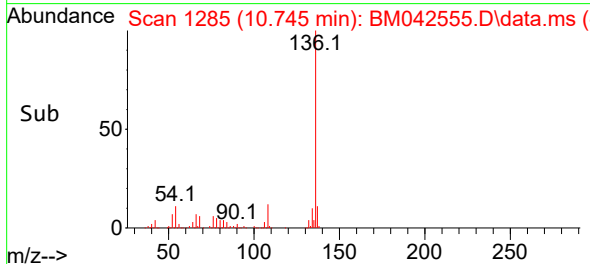
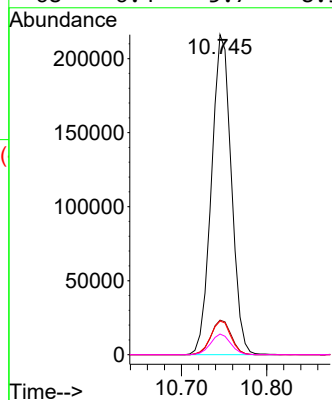
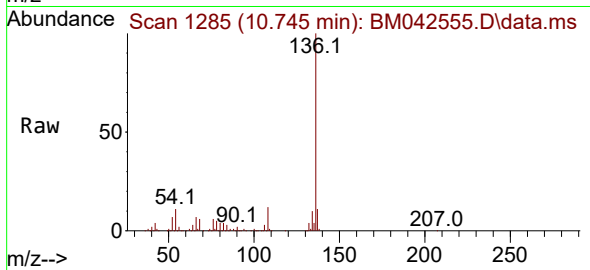




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.745 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM042555.D
Acq: 02 Nov 2023 11:15

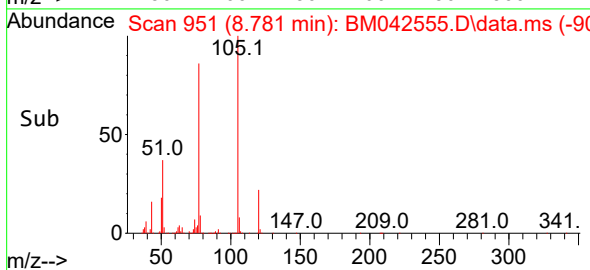
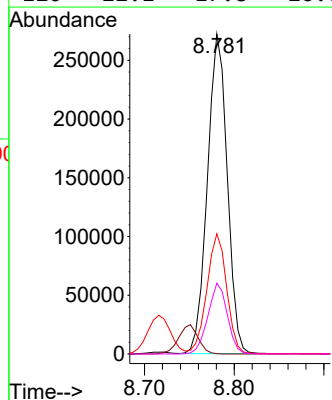
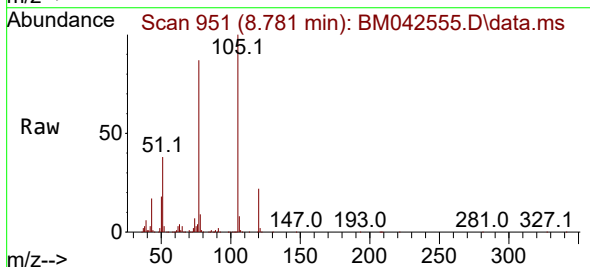
Instrument :
BNA_M
ClientSampleId :
PB156832BS

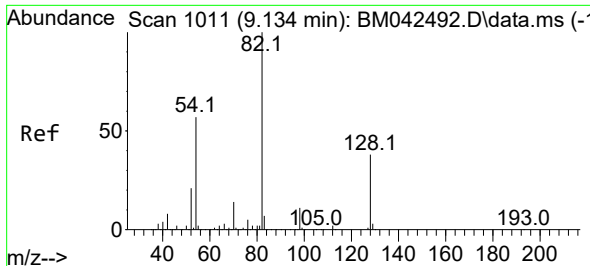
Tgt Ion:136 Resp: 350032
Ion Ratio Lower Upper
136 100
137 10.8 9.0 13.6
54 10.5 8.0 12.0
68 6.4 5.7 8.5



#22
Acetophenone
Concen: 47.331 ng
RT: 8.781 min Scan# 951
Delta R.T. -0.006 min
Lab File: BM042555.D
Acq: 02 Nov 2023 11:15

Tgt Ion:105 Resp: 417837
Ion Ratio Lower Upper
105 100
71 0.1 0.2 0.2#
51 37.5 27.6 41.4
120 22.1 17.8 26.6





#23

Nitrobenzene-d5

Concen: 90.038 ng

RT: 9.134 min Scan# 1011

Delta R.T. -0.000 min

Lab File: BM042555.D

Acq: 02 Nov 2023 11:15

Instrument :

BNA_M

ClientSampleId :

PB156832BS

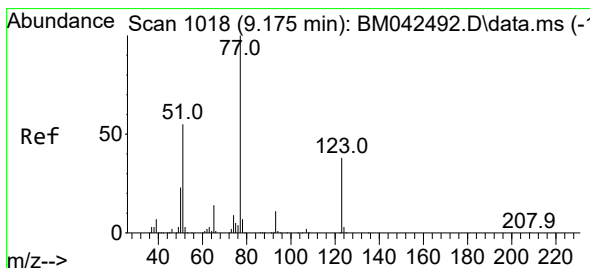
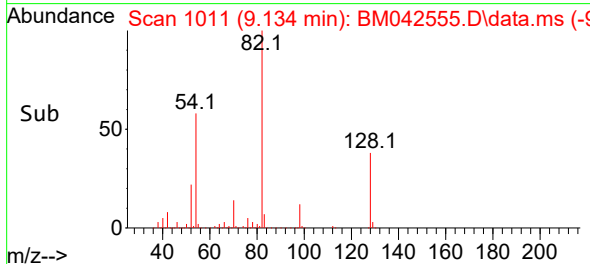
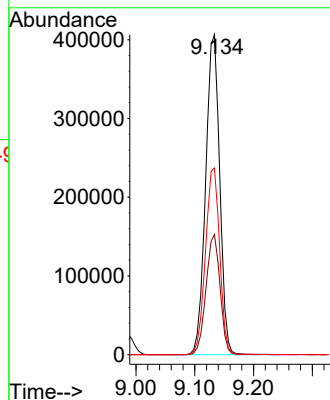
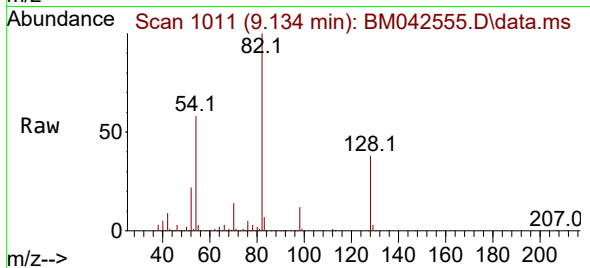
Tgt Ion: 82 Resp: 676078

Ion Ratio Lower Upper

82 100

128 37.6 30.7 46.1

54 58.4 45.3 67.9



#24

Nitrobenzene

Concen: 47.486 ng

RT: 9.175 min Scan# 1018

Delta R.T. -0.000 min

Lab File: BM042555.D

Acq: 02 Nov 2023 11:15

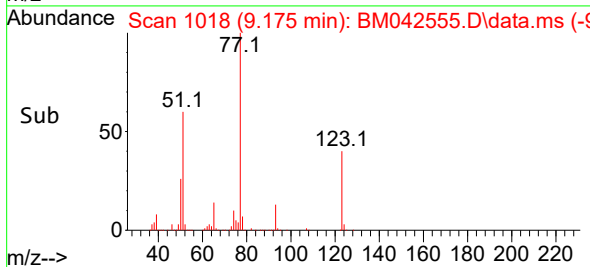
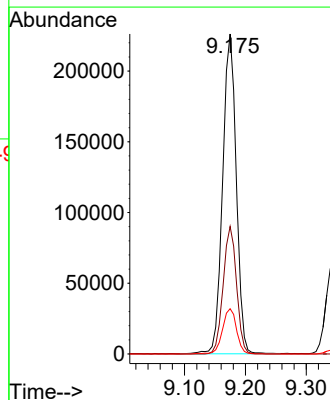
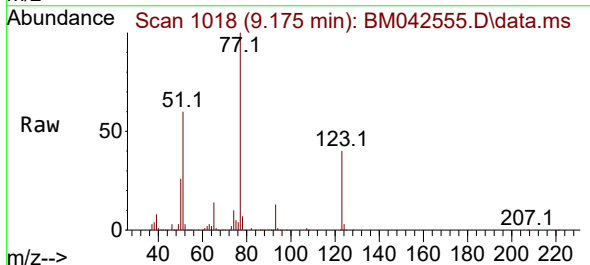
Tgt Ion: 77 Resp: 351195

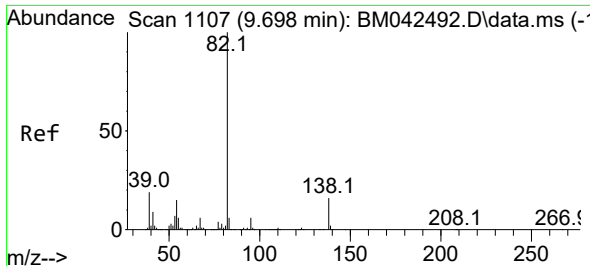
Ion Ratio Lower Upper

77 100

123 39.8 30.6 46.0

65 14.2 10.8 16.2

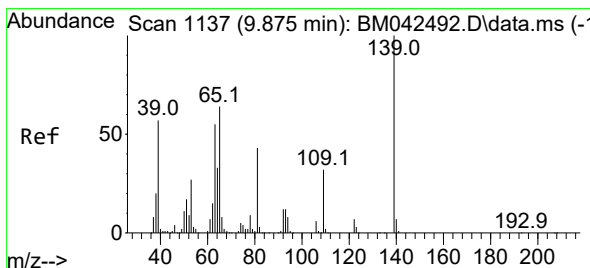
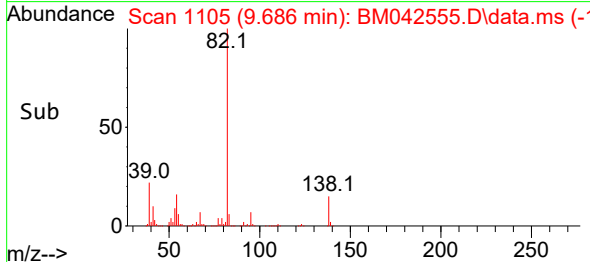
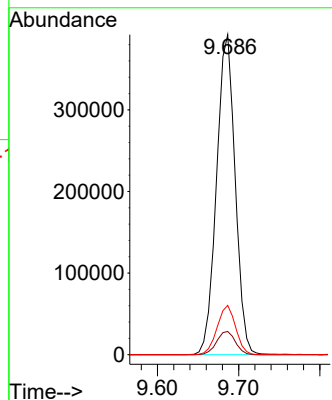
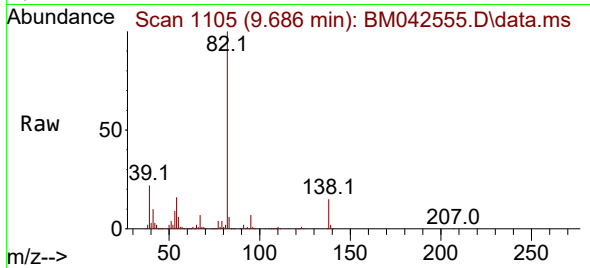




#25
Isophorone
Concen: 47.160 ng
RT: 9.686 min Scan# 1105
Delta R.T. -0.012 min
Lab File: BM042555.D
Acq: 02 Nov 2023 11:15

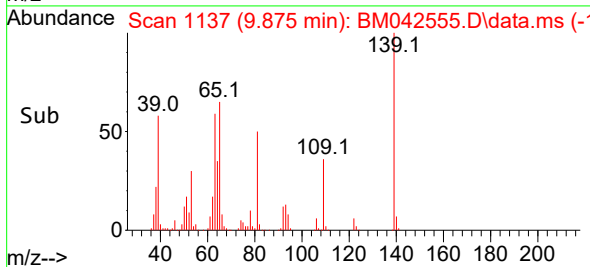
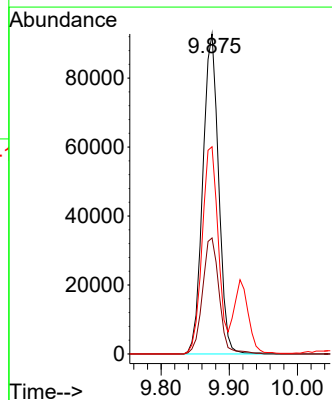
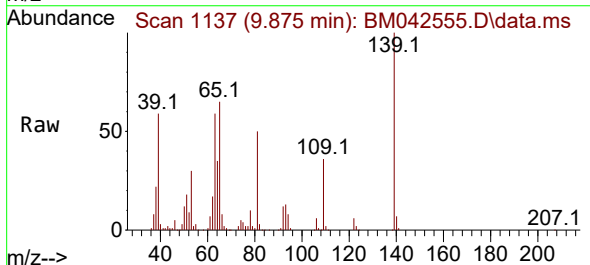
Instrument :
BNA_M
ClientSampleId :
PB156832BS

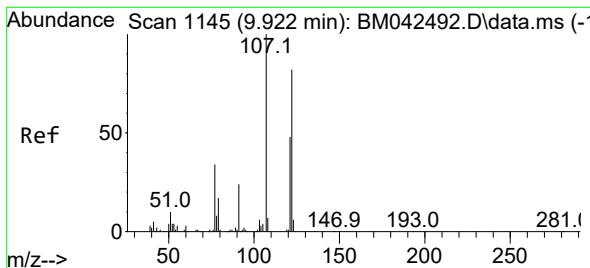
Tgt Ion: 82 Resp: 626772
Ion Ratio Lower Upper
82 100
95 7.3 5.2 7.8
138 15.4 12.6 18.8



#26
2-Nitrophenol
Concen: 47.613 ng
RT: 9.875 min Scan# 1137
Delta R.T. -0.000 min
Lab File: BM042555.D
Acq: 02 Nov 2023 11:15

Tgt Ion: 139 Resp: 149648
Ion Ratio Lower Upper
139 100
109 36.3 25.2 37.8
65 64.7 51.4 77.0

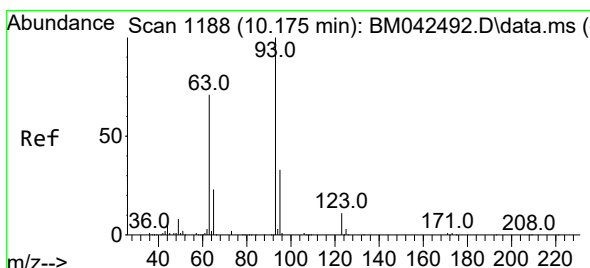
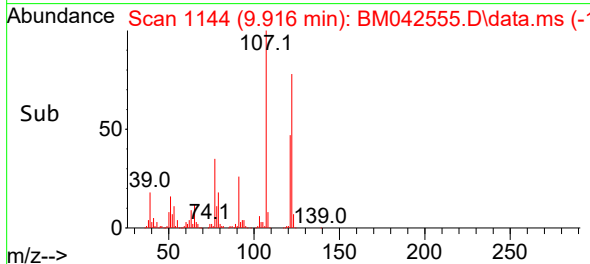
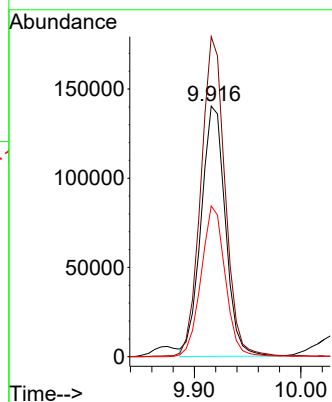
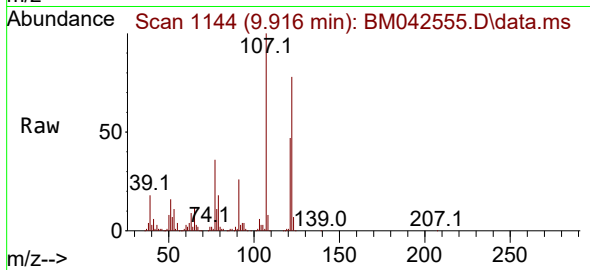




#27
2,4-Dimethylphenol
Concen: 43.809 ng
RT: 9.916 min Scan# 1144
Delta R.T. -0.006 min
Lab File: BM042555.D
Acq: 02 Nov 2023 11:15

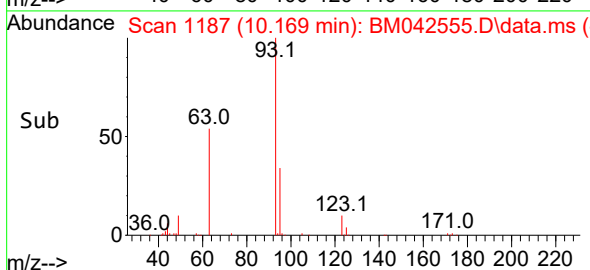
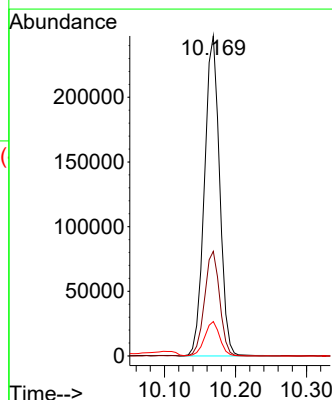
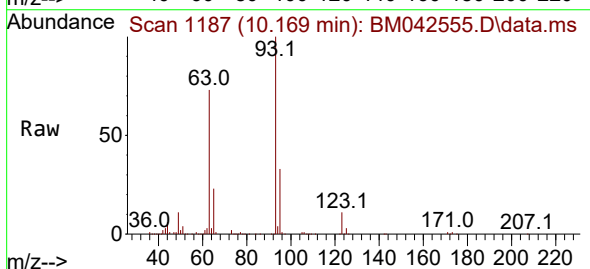
Instrument :
BNA_M
ClientSampleId :
PB156832BS

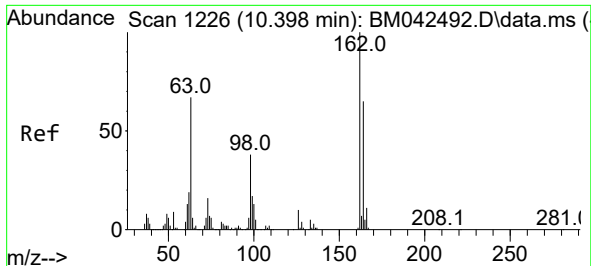
Tgt Ion:122 Resp: 222739
Ion Ratio Lower Upper
122 100
107 127.7 95.4 143.2
121 60.2 46.0 69.0



#28
bis(2-Chloroethoxy)methane
Concen: 45.975 ng
RT: 10.169 min Scan# 1187
Delta R.T. -0.006 min
Lab File: BM042555.D
Acq: 02 Nov 2023 11:15

Tgt Ion: 93 Resp: 368118
Ion Ratio Lower Upper
93 100
95 32.7 26.3 39.5
123 10.7 8.5 12.7





#29

2,4-Dichlorophenol

Concen: 54.559 ng

RT: 10.398 min Scan# 1226

Delta R.T. -0.000 min

Lab File: BM042555.D

Acq: 02 Nov 2023 11:15

Instrument :

BNA_M

ClientSampleId :

PB156832BS

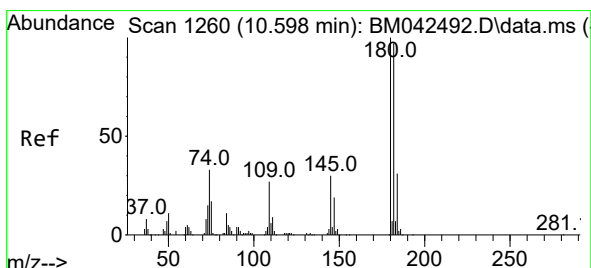
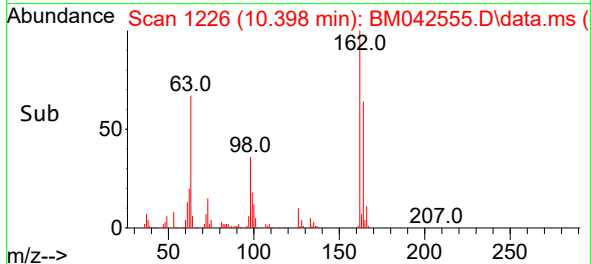
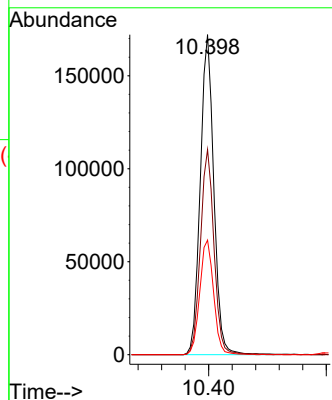
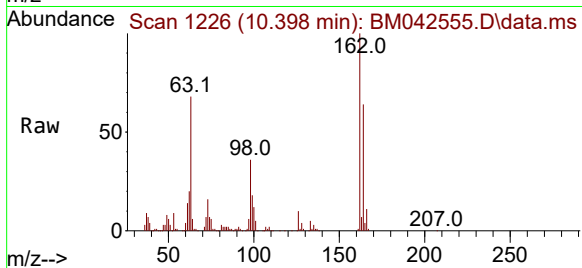
Tgt Ion:162 Resp: 274475

Ion Ratio Lower Upper

162 100

164 64.1 44.9 84.9

98 35.8 18.4 58.4



#30

1,2,4-Trichlorobenzene

Concen: 52.533 ng

RT: 10.598 min Scan# 1260

Delta R.T. -0.000 min

Lab File: BM042555.D

Acq: 02 Nov 2023 11:15

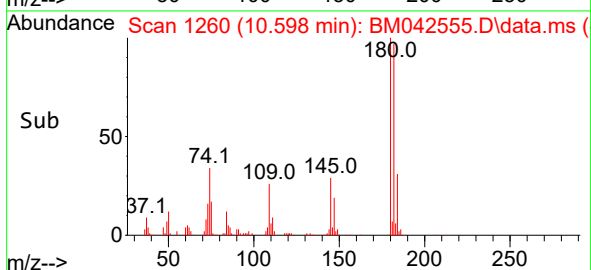
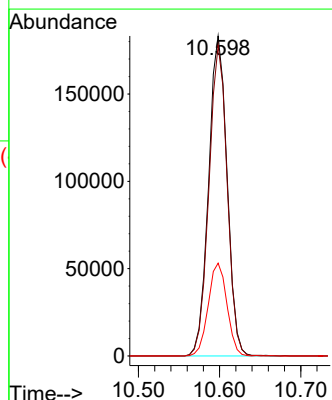
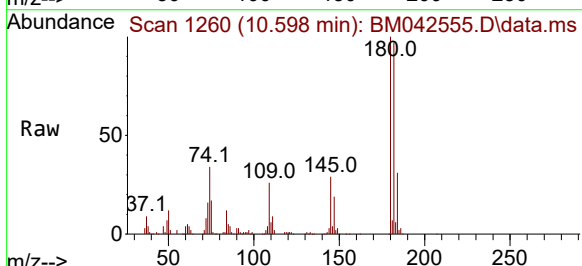
Tgt Ion:180 Resp: 289629

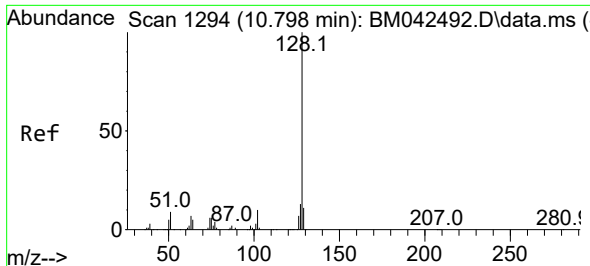
Ion Ratio Lower Upper

180 100

182 97.1 77.8 116.8

145 29.0 24.4 36.6

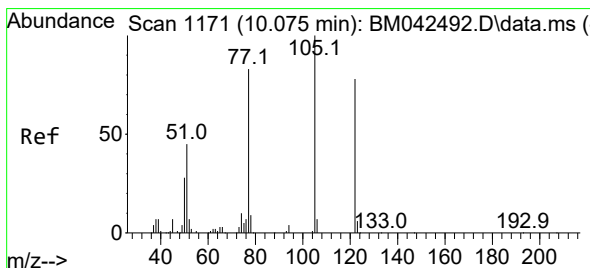
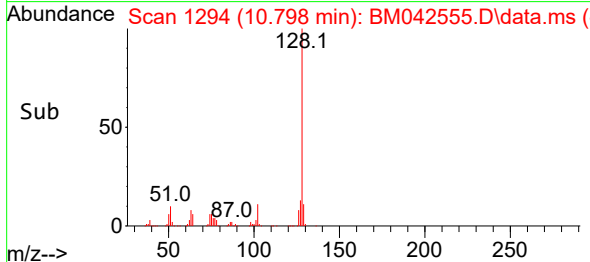
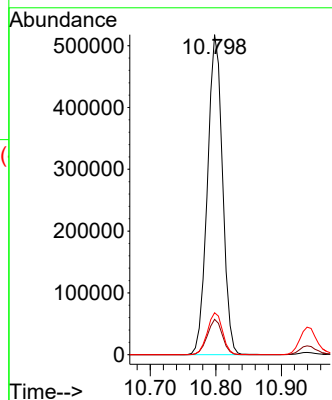
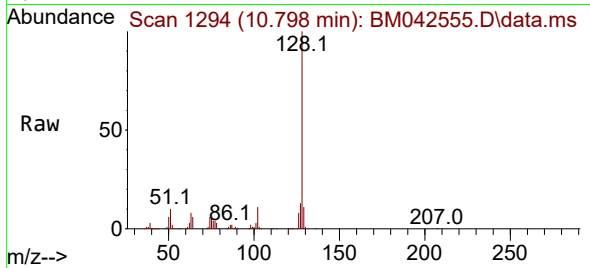




#31
Naphthalene
Concen: 45.851 ng
RT: 10.798 min Scan# 1177
Delta R.T. 0.000 min
Lab File: BM042555.D
Acq: 02 Nov 2023 11:15

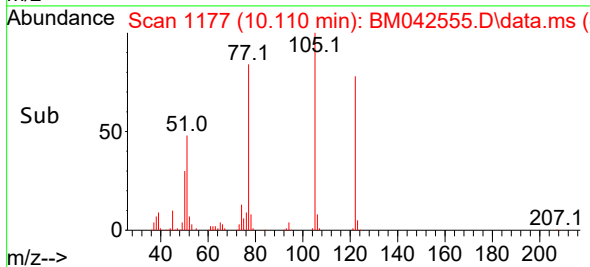
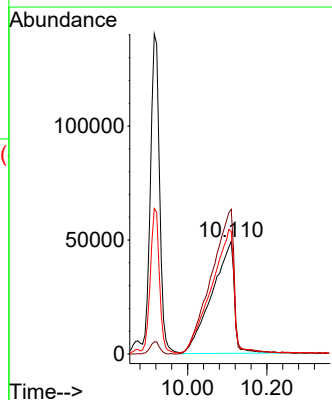
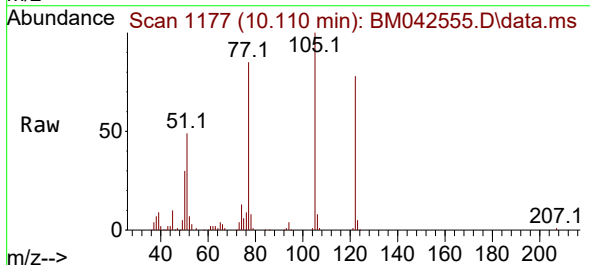
Instrument :
BNA_M
ClientSampleId :
PB156832BS

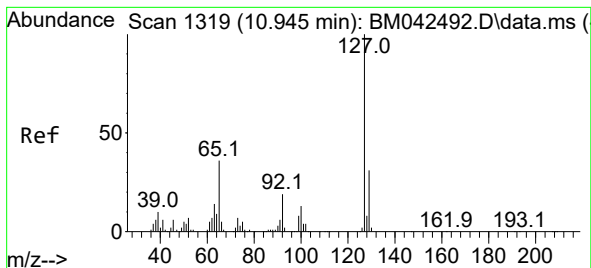
Tgt Ion:128 Resp: 829202
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 13.1 10.6 15.8



#32
Benzoic acid
Concen: 46.490 ng
RT: 10.110 min Scan# 1177
Delta R.T. 0.035 min
Lab File: BM042555.D
Acq: 02 Nov 2023 11:15

Tgt Ion:122 Resp: 191663
Ion Ratio Lower Upper
122 100
105 128.8 105.2 145.2
77 109.2 84.8 124.8

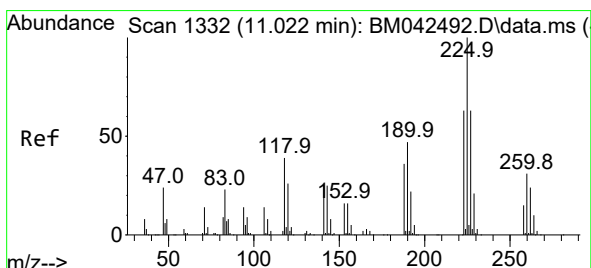
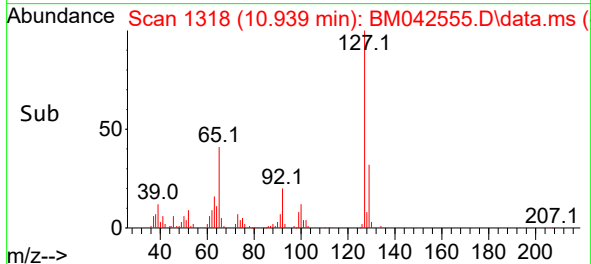
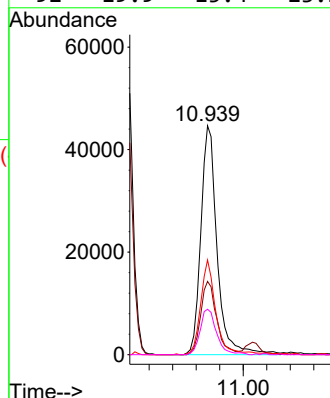
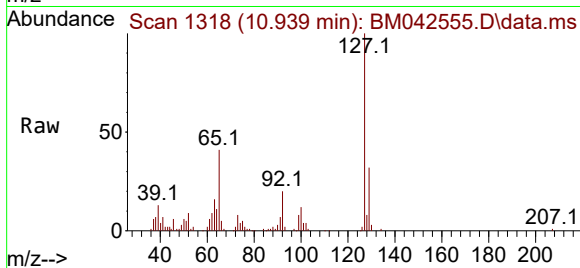




#33
4-Chloroaniline
Concen: 12.162 ng
RT: 10.939 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM042555.D
Acq: 02 Nov 2023 11:15

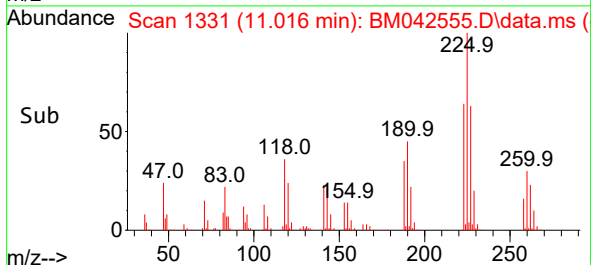
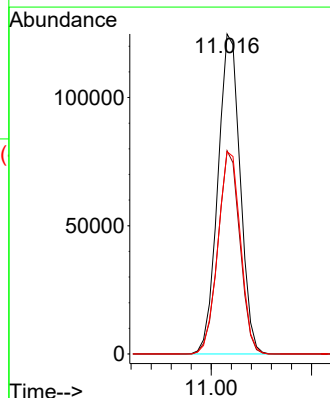
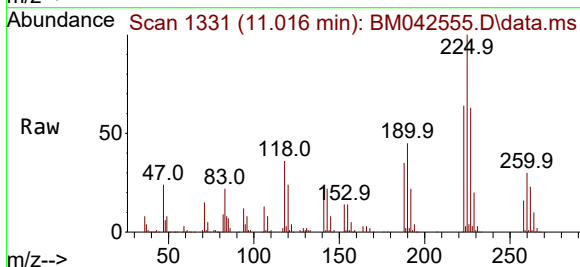
Instrument :
BNA_M
ClientSampleId :
PB156832BS

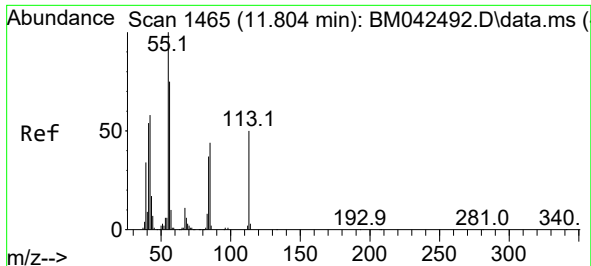
Tgt Ion:	127	Resp:	85761
Ion Ratio	Lower	Upper	
127	100		
129	32.0	25.0	37.4
65	41.4	29.0	43.4
92	19.9	15.4	23.2



#34
Hexachlorobutadiene
Concen: 57.386 ng
RT: 11.016 min Scan# 1331
Delta R.T. -0.006 min
Lab File: BM042555.D
Acq: 02 Nov 2023 11:15

Tgt Ion:	225	Resp:	192092
Ion Ratio	Lower	Upper	
225	100		
223	63.5	50.0	75.0
227	63.2	50.6	75.8

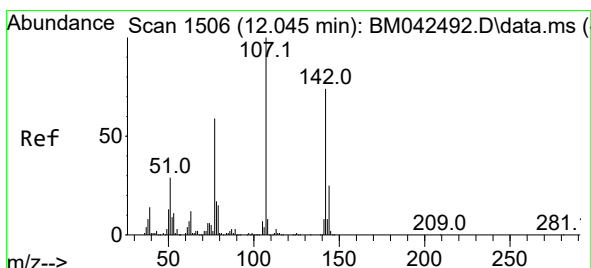
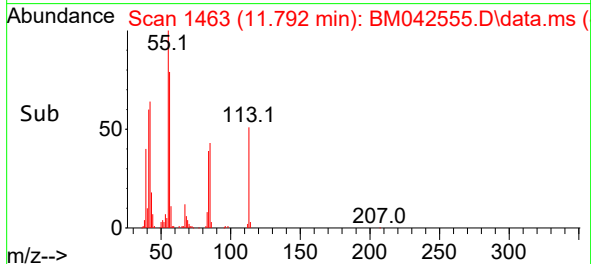
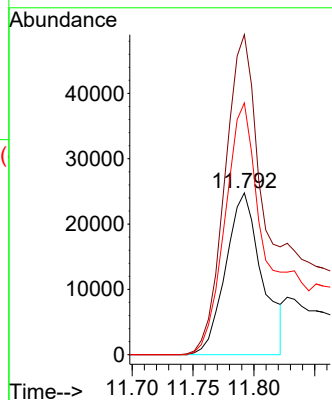
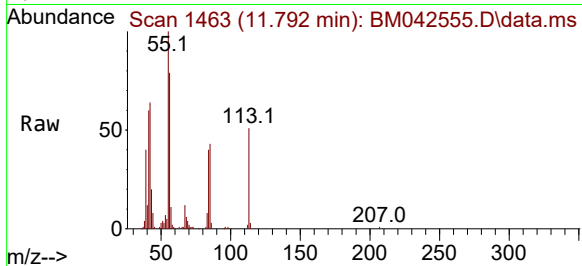




#35
Caprolactam
Concen: 28.996 ng
RT: 11.792 min Scan# 14
Delta R.T. -0.012 min
Lab File: BM042555.D
Acq: 02 Nov 2023 11:15

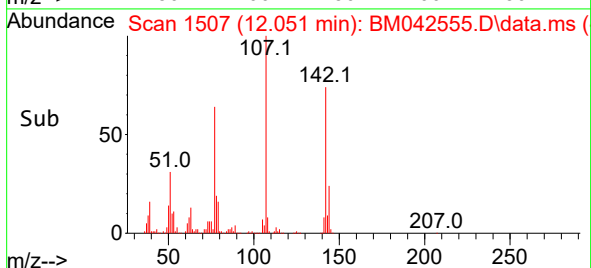
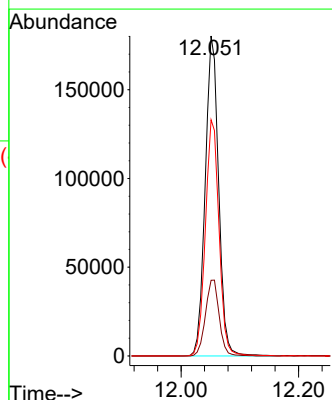
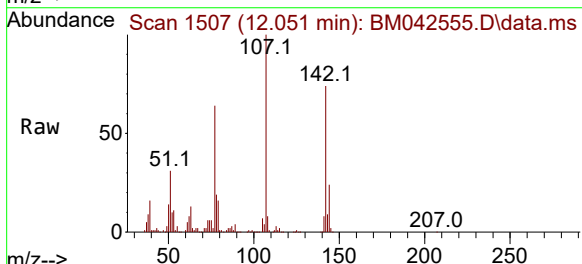
Instrument :
BNA_M
ClientSampleId :
PB156832BS

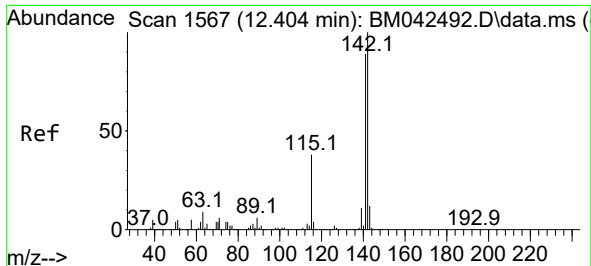
Tgt Ion:113 Resp: 51252
Ion Ratio Lower Upper
113 100
55 197.9 180.9 220.9
56 155.6 130.0 170.0



#36
4-Chloro-3-methylphenol
Concen: 49.787 ng
RT: 12.051 min Scan# 1507
Delta R.T. 0.006 min
Lab File: BM042555.D
Acq: 02 Nov 2023 11:15

Tgt Ion:107 Resp: 285047
Ion Ratio Lower Upper
107 100
144 23.7 20.2 30.2
142 73.8 59.5 89.3

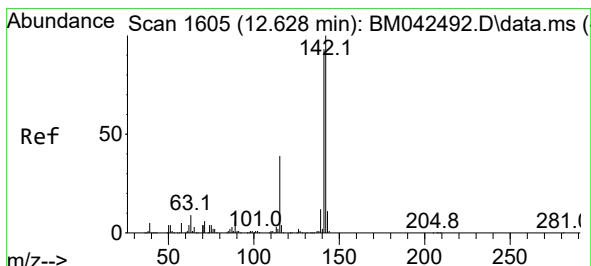
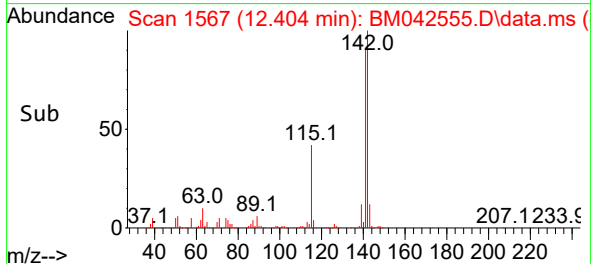
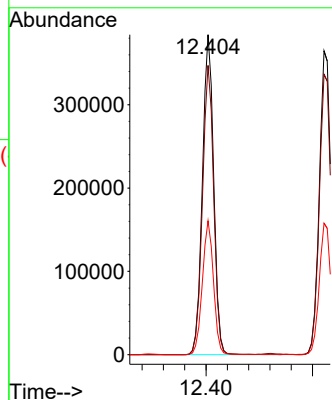
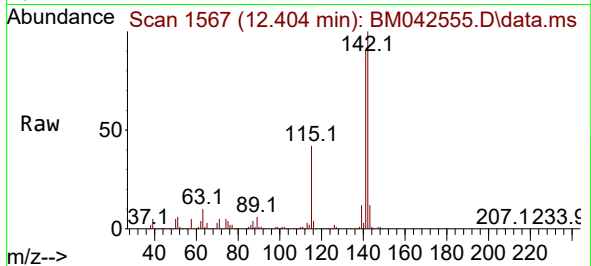




#37
2-Methylnaphthalene
Concen: 44.189 ng
RT: 12.404 min Scan# 1567
Delta R.T. -0.000 min
Lab File: BM042555.D
Acq: 02 Nov 2023 11:15

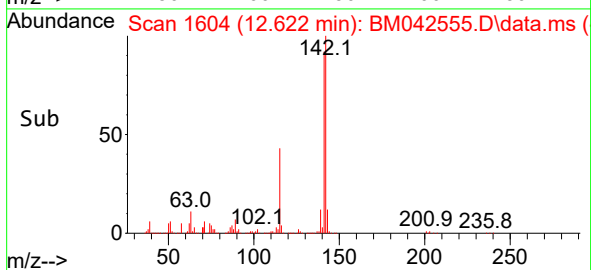
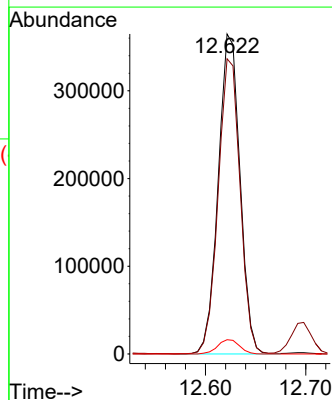
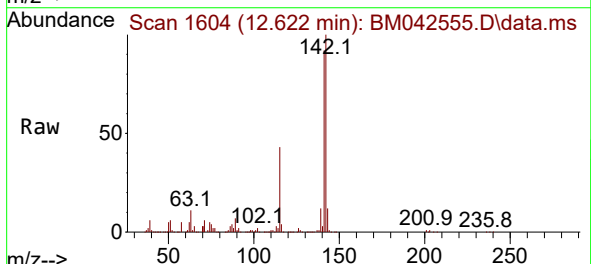
Instrument :
BNA_M
ClientSampleId :
PB156832BS

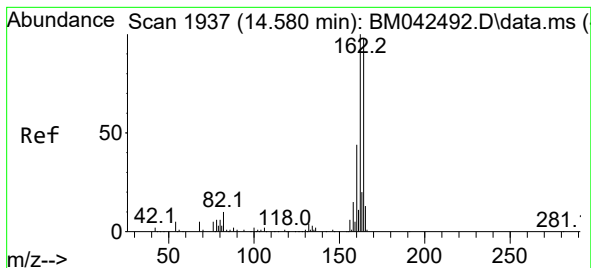
Tgt Ion:142 Resp: 562809
Ion Ratio Lower Upper
142 100
141 90.4 70.9 106.3
115 41.8 30.2 45.2



#38
1-Methylnaphthalene
Concen: 45.816 ng
RT: 12.622 min Scan# 1604
Delta R.T. -0.006 min
Lab File: BM042555.D
Acq: 02 Nov 2023 11:15

Tgt Ion:142 Resp: 549249
Ion Ratio Lower Upper
142 100
141 92.2 74.4 111.6
116 4.4 3.2 4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.580 min Scan# 1937

Delta R.T. 0.000 min

Lab File: BM042555.D

Acq: 02 Nov 2023 11:15

Instrument :

BNA_M

ClientSampleId :

PB156832BS

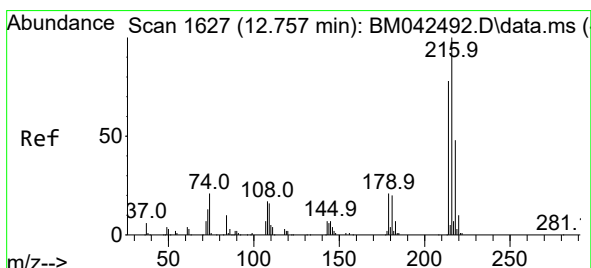
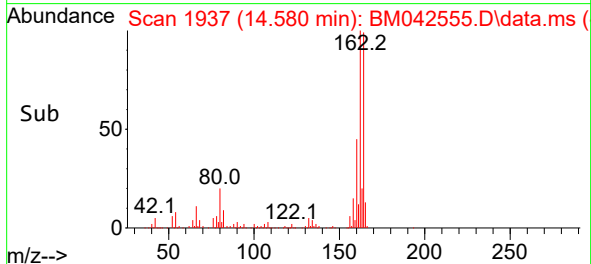
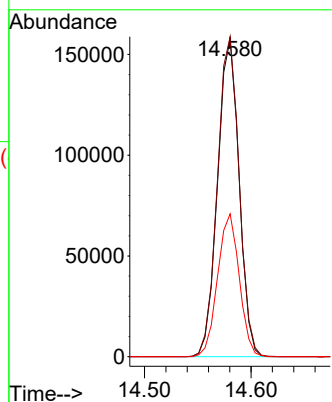
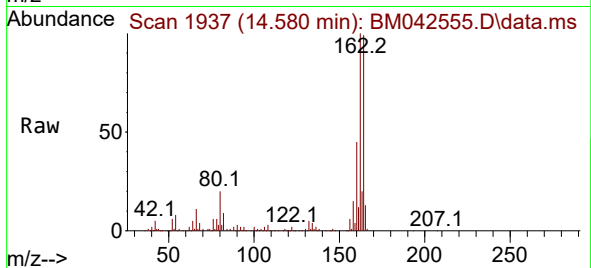
Tgt Ion:164 Resp: 220043

Ion Ratio Lower Upper

164 100

162 100.6 81.6 122.4

160 44.9 36.2 54.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 51.964 ng

RT: 12.757 min Scan# 1627

Delta R.T. -0.000 min

Lab File: BM042555.D

Acq: 02 Nov 2023 11:15

Tgt Ion:216 Resp: 341598

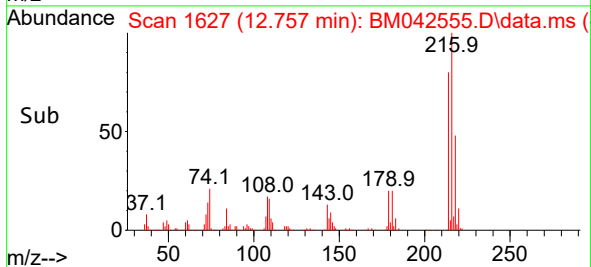
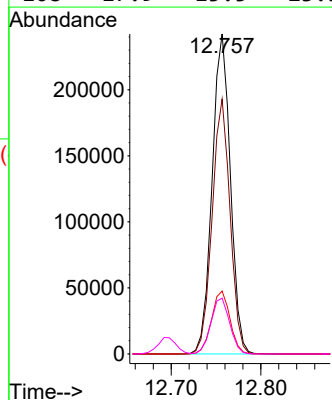
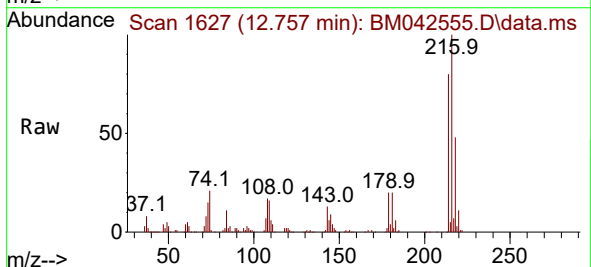
Ion Ratio Lower Upper

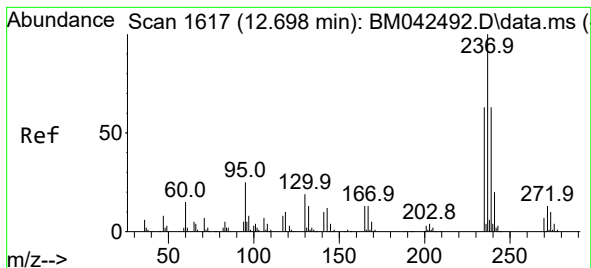
216 100

214 78.3 62.5 93.7

179 19.9 16.7 25.1

108 17.9 15.5 23.3

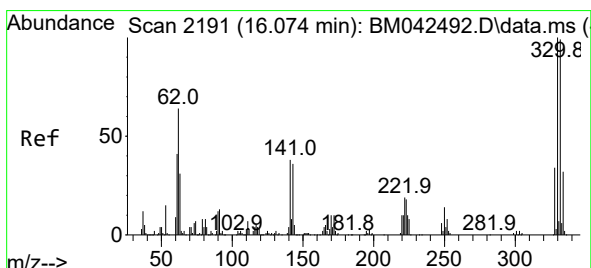
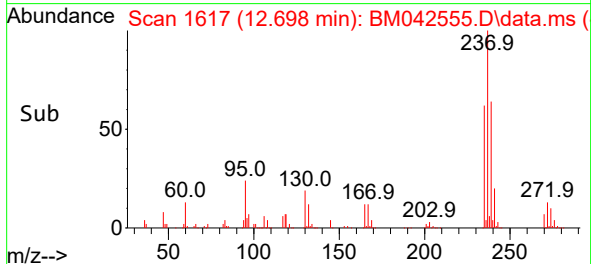
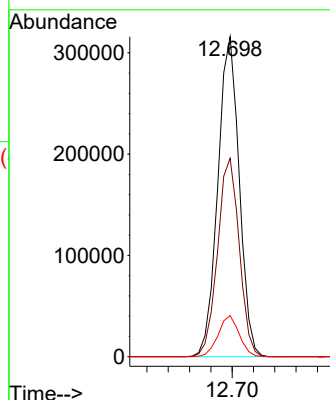
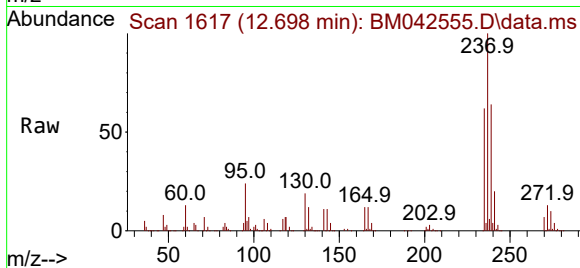




#41
Hexachlorocyclopentadiene
Concen: 109.191 ng
RT: 12.698 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM042555.D
Acq: 02 Nov 2023 11:15

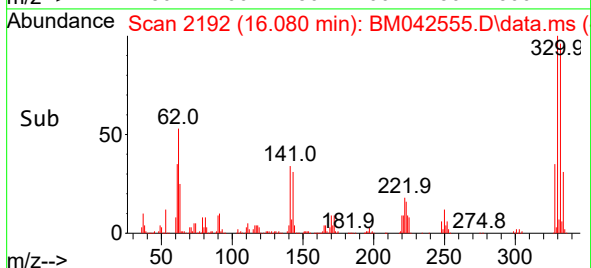
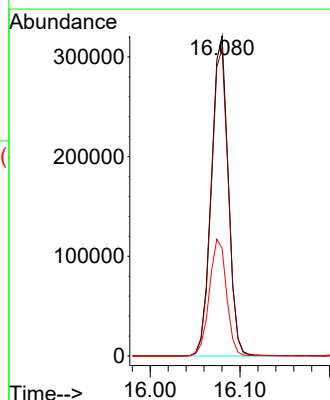
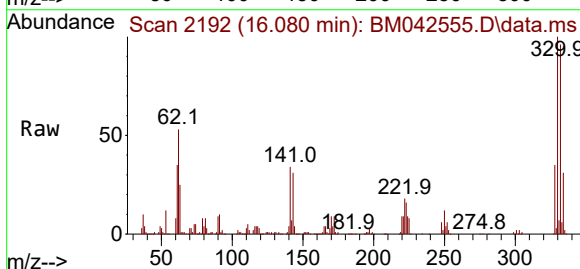
Instrument :
BNA_M
ClientSampleId :
PB156832BS

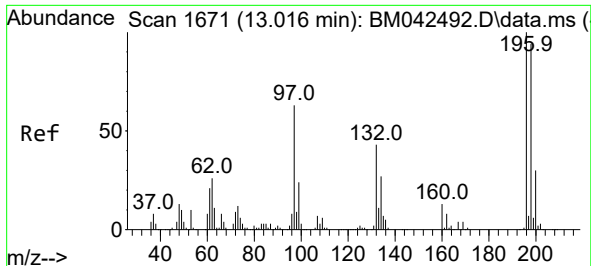
Tgt Ion:237 Resp: 439802
Ion Ratio Lower Upper
237 100
235 62.0 42.5 82.5
272 12.9 0.0 33.2



#42
2,4,6-Tribromophenol
Concen: 146.149 ng
RT: 16.080 min Scan# 2192
Delta R.T. 0.006 min
Lab File: BM042555.D
Acq: 02 Nov 2023 11:15

Tgt Ion:330 Resp: 419865
Ion Ratio Lower Upper
330 100
332 96.7 78.8 118.2
141 37.0 31.1 46.7





#43

2,4,6-Trichlorophenol

Concen: 53.871 ng

RT: 13.016 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM042555.D

Acq: 02 Nov 2023 11:15

Instrument :

BNA_M

ClientSampleId :

PB156832BS

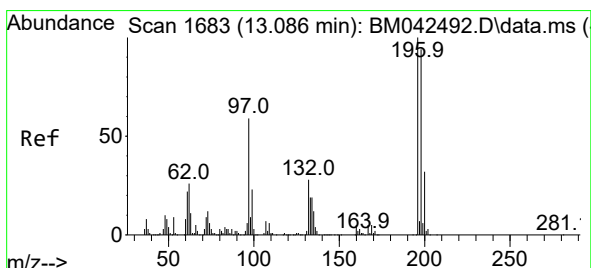
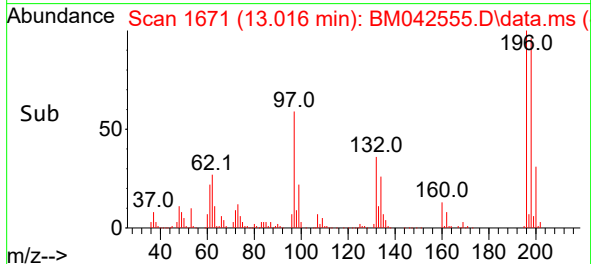
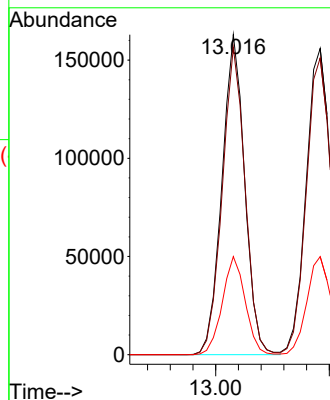
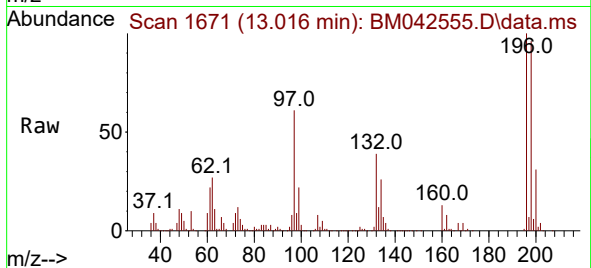
Tgt Ion:196 Resp: 226821

Ion Ratio Lower Upper

196 100

198 96.0 75.2 112.8

200 30.6 24.3 36.5



#44

2,4,5-Trichlorophenol

Concen: 49.280 ng

RT: 13.092 min Scan# 1684

Delta R.T. 0.006 min

Lab File: BM042555.D

Acq: 02 Nov 2023 11:15

Tgt Ion:196 Resp: 246910

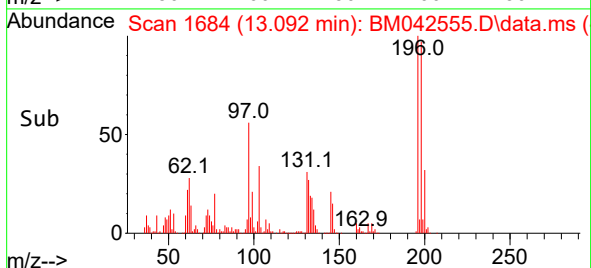
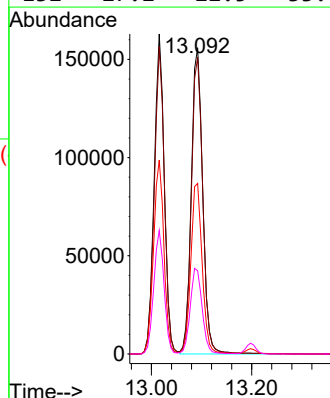
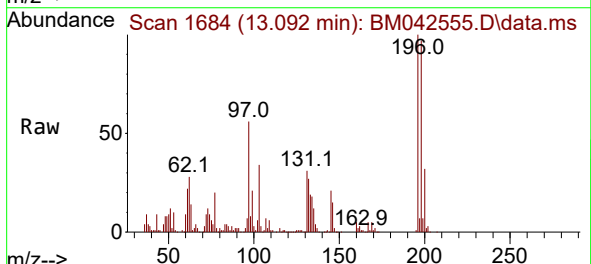
Ion Ratio Lower Upper

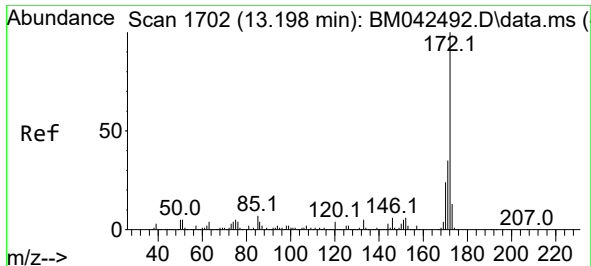
196 100

198 97.0 75.1 112.7

97 55.7 47.4 71.0

132 27.2 22.5 33.7





#45

2-Fluorobiphenyl

Concen: 91.732 ng

RT: 13.198 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM042555.D

Acq: 02 Nov 2023 11:15

Instrument :

BNA_M

ClientSampleId :

PB156832BS

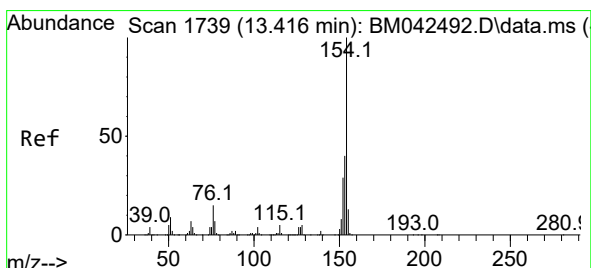
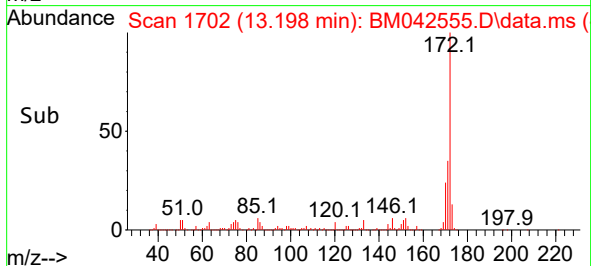
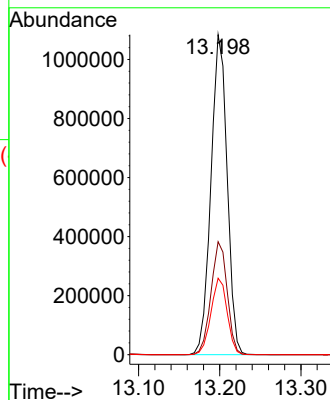
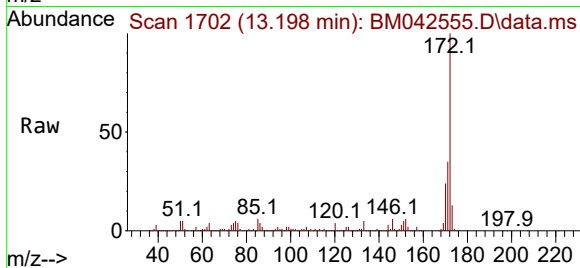
Tgt Ion:172 Resp: 1500070

Ion Ratio Lower Upper

172 100

171 35.3 28.2 42.2

170 23.9 19.0 28.4



#46

1,1'-Biphenyl

Concen: 47.001 ng

RT: 13.416 min Scan# 1739

Delta R.T. -0.000 min

Lab File: BM042555.D

Acq: 02 Nov 2023 11:15

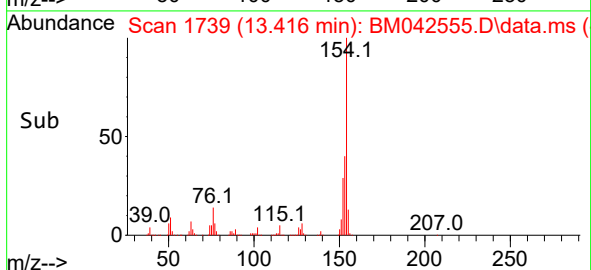
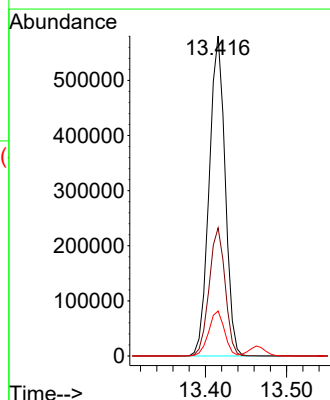
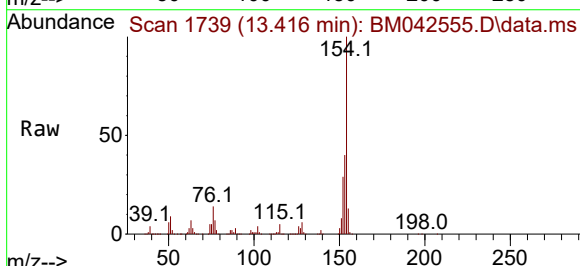
Tgt Ion:154 Resp: 790577

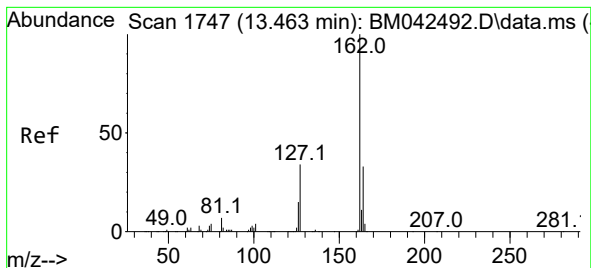
Ion Ratio Lower Upper

154 100

153 40.0 20.3 60.3

76 14.0 0.0 35.0

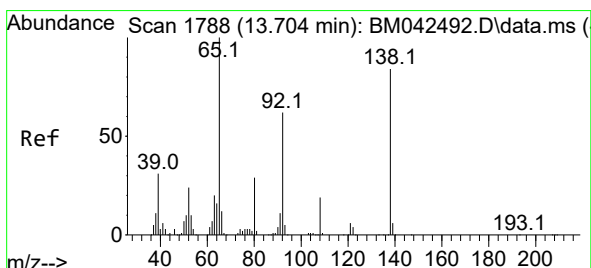
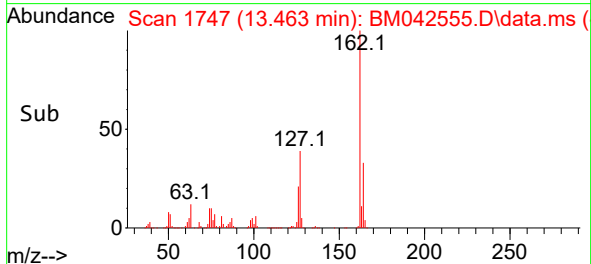
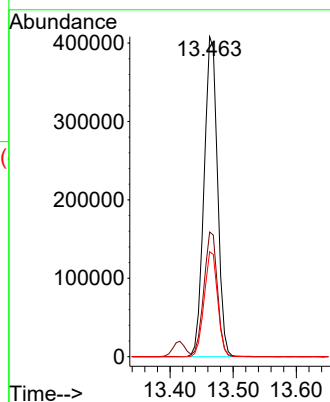
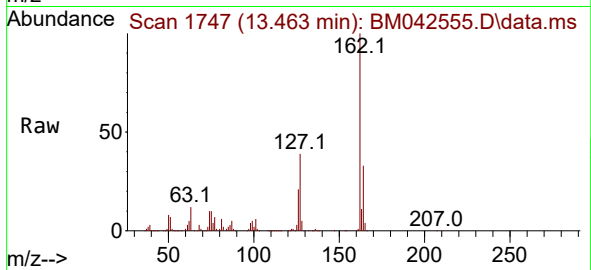




#47
2-Chloronaphthalene
Concen: 49.034 ng
RT: 13.463 min Scan# 1747
Delta R.T. -0.000 min
Lab File: BM042555.D
Acq: 02 Nov 2023 11:15

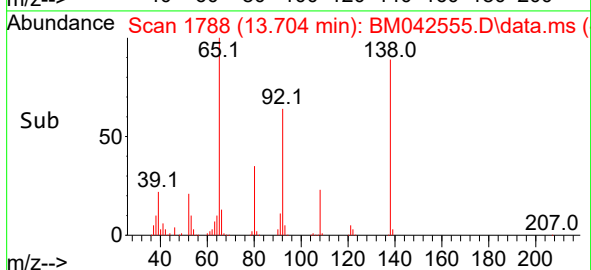
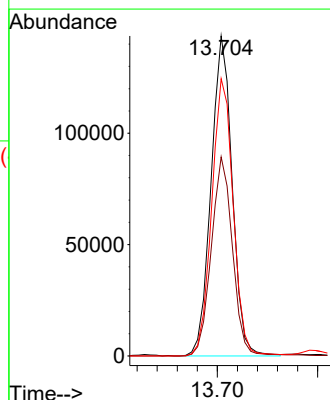
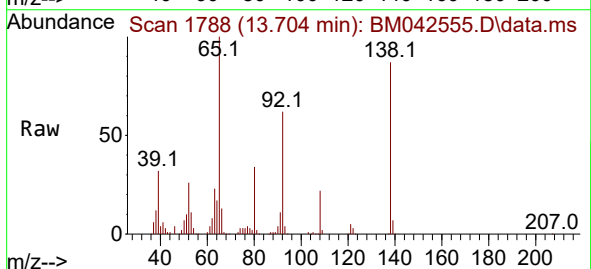
Instrument :
BNA_M
ClientSampleId :
PB156832BS

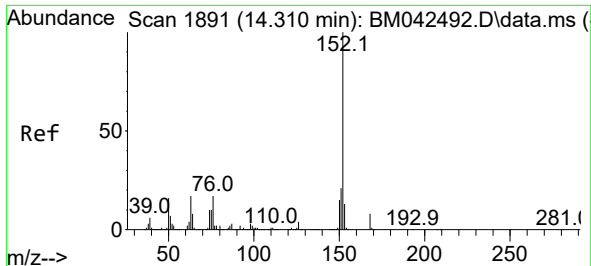
Tgt Ion:162 Resp: 605064
Ion Ratio Lower Upper
162 100
127 39.0 31.1 46.7
164 32.8 26.2 39.4



#48
2-Nitroaniline
Concen: 42.679 ng
RT: 13.704 min Scan# 1788
Delta R.T. -0.000 min
Lab File: BM042555.D
Acq: 02 Nov 2023 11:15

Tgt Ion: 65 Resp: 209776
Ion Ratio Lower Upper
65 100
92 62.2 49.4 74.2
138 86.7 66.9 100.3

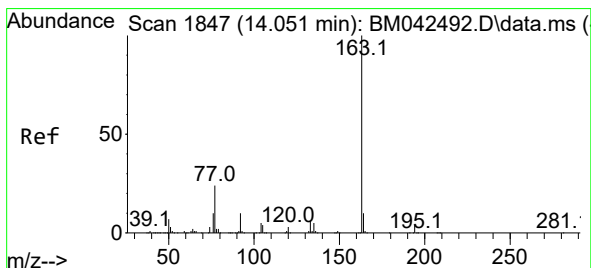
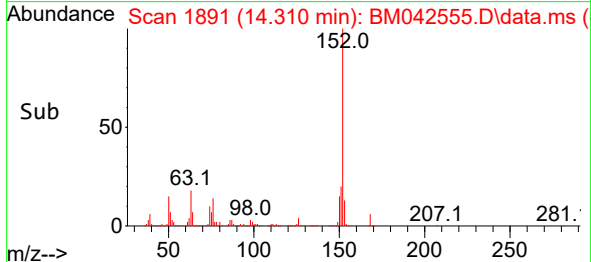
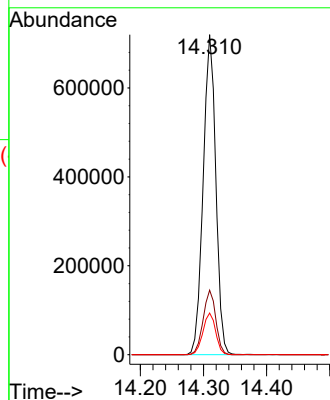
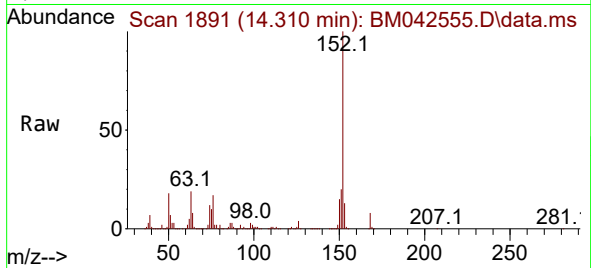




#49
Acenaphthylene
Concen: 49.008 ng
RT: 14.310 min Scan# 1891
Delta R.T. -0.000 min
Lab File: BM042555.D
Acq: 02 Nov 2023 11:15

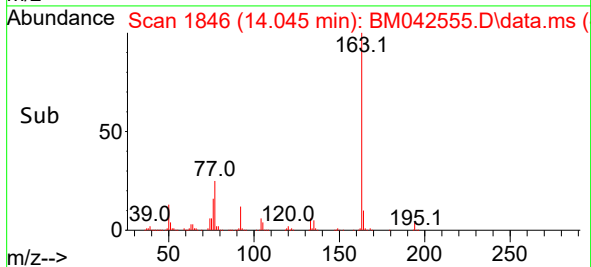
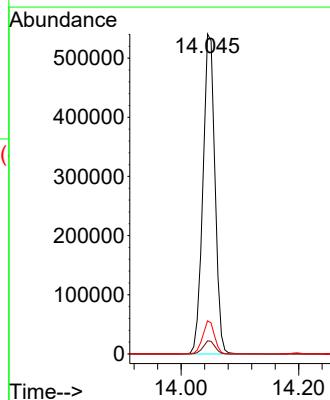
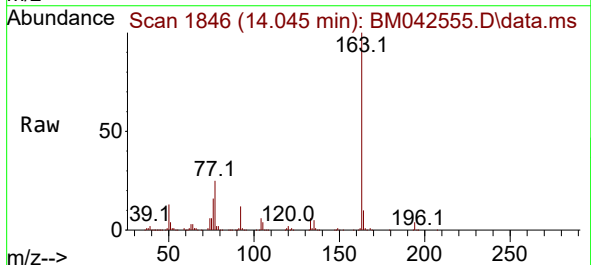
Instrument :
BNA_M
ClientSampleId :
PB156832BS

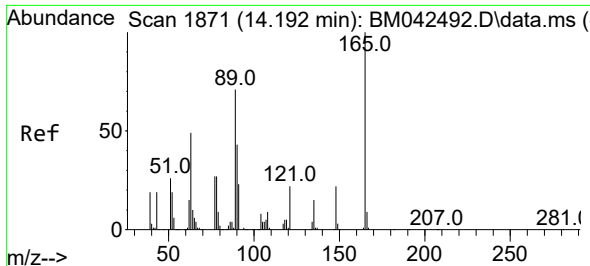
Tgt Ion:152 Resp: 1001542
Ion Ratio Lower Upper
152 100
151 20.1 16.4 24.6
153 13.0 10.4 15.6



#50
Dimethylphthalate
Concen: 46.716 ng
RT: 14.045 min Scan# 1846
Delta R.T. -0.006 min
Lab File: BM042555.D
Acq: 02 Nov 2023 11:15

Tgt Ion:163 Resp: 768307
Ion Ratio Lower Upper
163 100
194 4.1 3.2 4.8
164 10.4 7.8 11.8

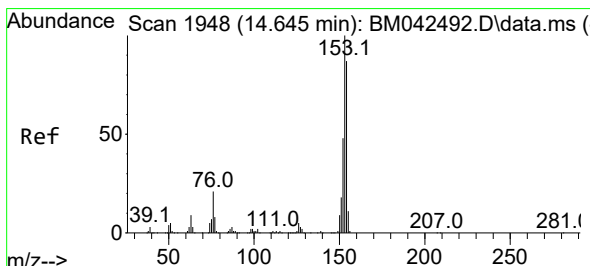
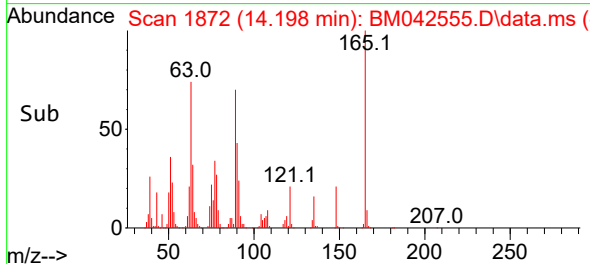
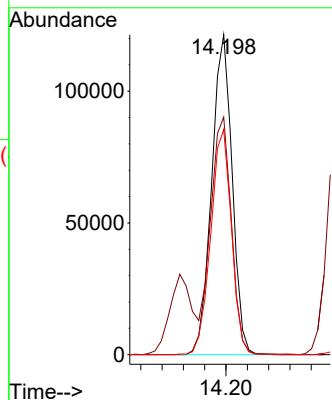
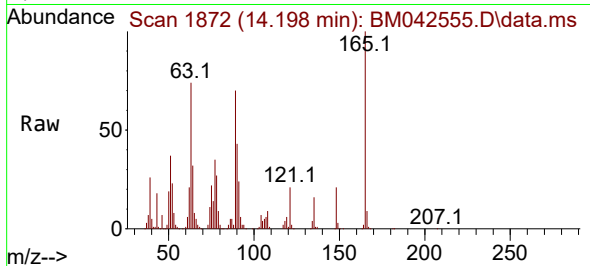




#51
2,6-Dinitrotoluene
Concen: 47.683 ng
RT: 14.198 min Scan# 1871
Delta R.T. 0.006 min
Lab File: BM042555.D
Acq: 02 Nov 2023 11:15

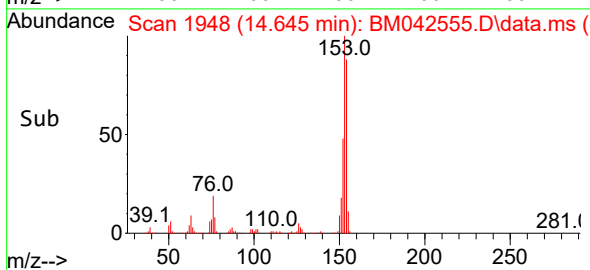
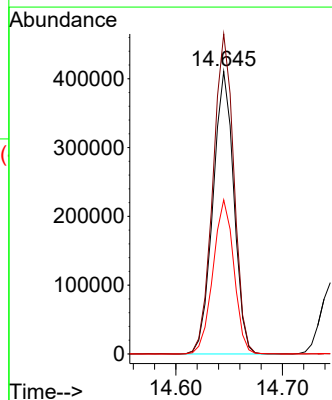
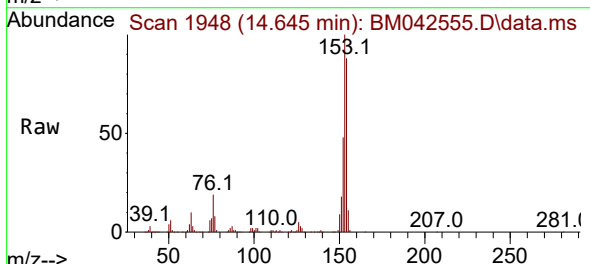
Instrument :
BNA_M
ClientSampleId :
PB156832BS

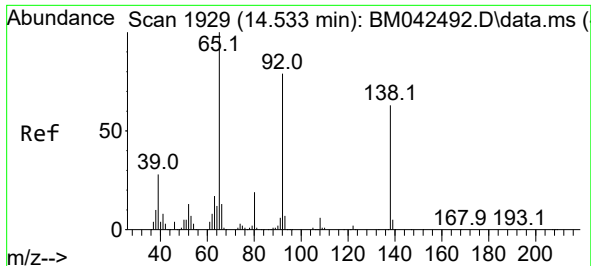
Tgt Ion:165 Resp: 161622
Ion Ratio Lower Upper
165 100
63 74.3 59.4 89.0
89 70.4 57.0 85.6



#52
Acenaphthene
Concen: 45.058 ng
RT: 14.645 min Scan# 1948
Delta R.T. -0.000 min
Lab File: BM042555.D
Acq: 02 Nov 2023 11:15

Tgt Ion:154 Resp: 558845
Ion Ratio Lower Upper
154 100
153 113.2 92.0 138.0
152 54.6 44.0 66.0

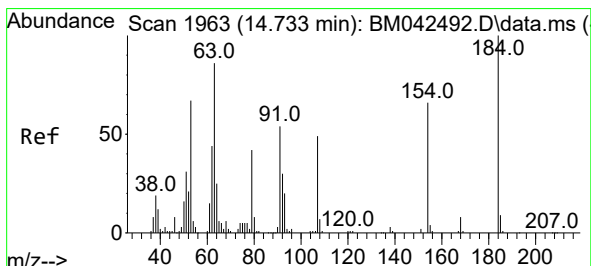
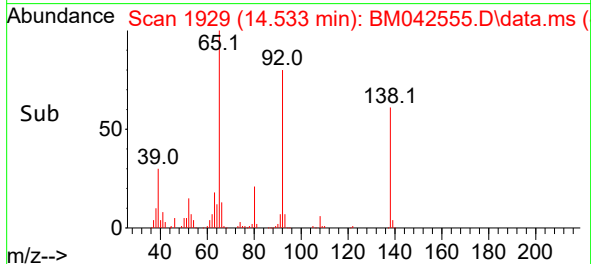
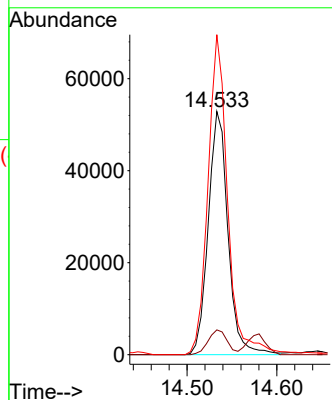
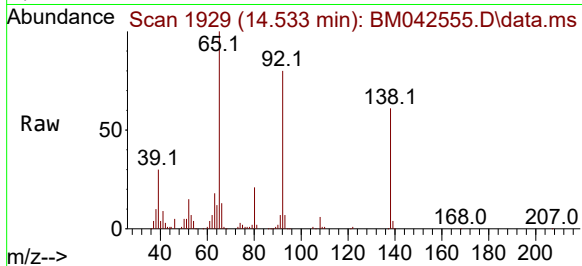




#53
3-Nitroaniline
Concen: 23.683 ng
RT: 14.533 min Scan# 1929
Delta R.T. 0.000 min
Lab File: BM042555.D
Acq: 02 Nov 2023 11:15

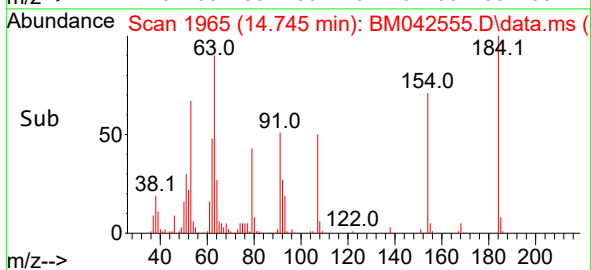
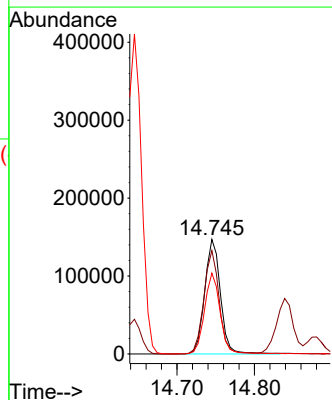
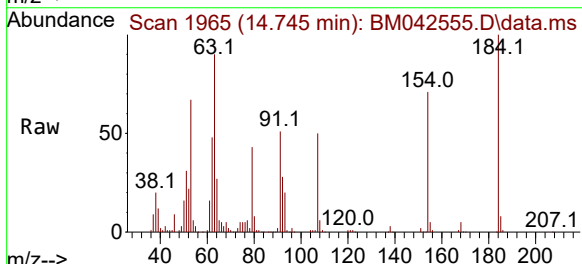
Instrument :
BNA_M
ClientSampleId :
PB156832BS

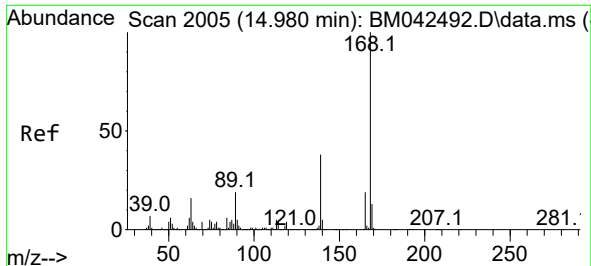
Tgt Ion:138 Resp: 80805
Ion Ratio Lower Upper
138 100
108 10.2 7.9 11.9
92 131.6 100.7 151.1



#54
2,4-Dinitrophenol
Concen: 85.781 ng
RT: 14.745 min Scan# 1965
Delta R.T. 0.012 min
Lab File: BM042555.D
Acq: 02 Nov 2023 11:15

Tgt Ion:184 Resp: 207808
Ion Ratio Lower Upper
184 100
63 90.3 69.2 103.8
154 70.6 53.2 79.8

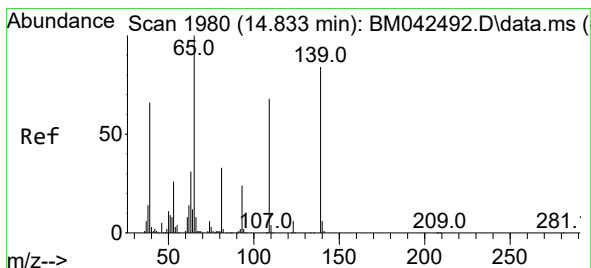
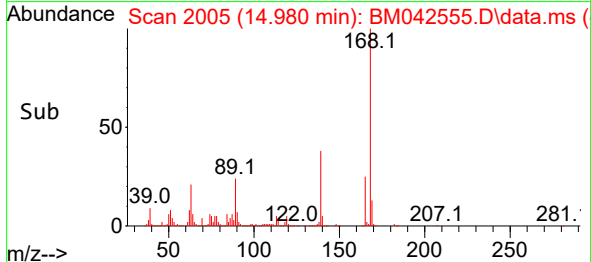
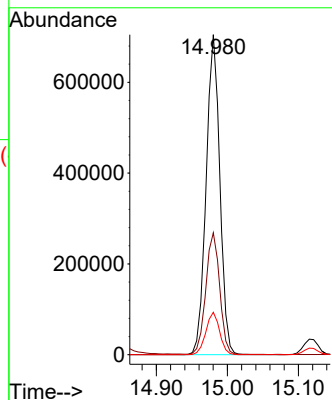
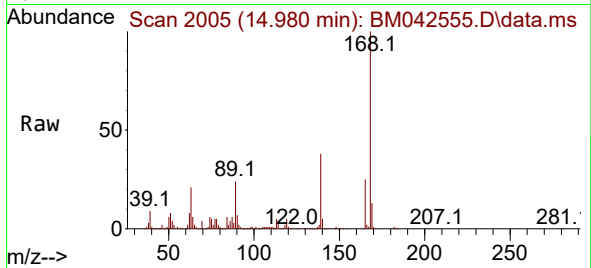




#55
Dibenzofuran
Concen: 46.855 ng
RT: 14.980 min Scan# 2005
Delta R.T. 0.000 min
Lab File: BM042555.D
Acq: 02 Nov 2023 11:15

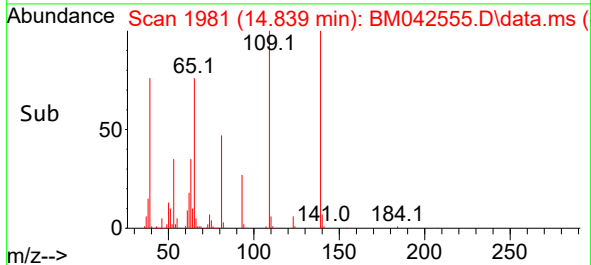
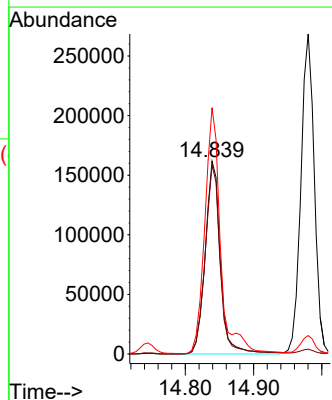
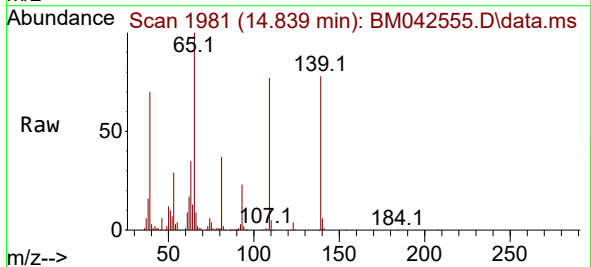
Instrument :
BNA_M
ClientSampleId :
PB156832BS

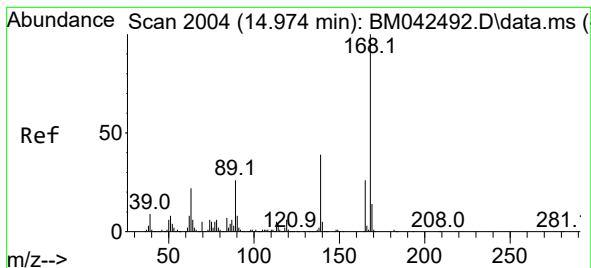
Tgt Ion:168 Resp: 944856
Ion Ratio Lower Upper
168 100
139 38.1 30.4 45.6
169 13.2 10.6 15.8



#56
4-Nitrophenol
Concen: 81.146 ng
RT: 14.839 min Scan# 1981
Delta R.T. 0.006 min
Lab File: BM042555.D
Acq: 02 Nov 2023 11:15

Tgt Ion:139 Resp: 250266
Ion Ratio Lower Upper
139 100
109 98.1 61.3 101.3
65 127.9 100.2 140.2





#57

2,4-Dinitrotoluene

Concen: 44.170 ng

RT: 14.980 min Scan# 2005

Delta R.T. 0.006 min

Lab File: BM042555.D

Acq: 02 Nov 2023 11:15

Instrument :

BNA_M

ClientSampleId :

PB156832BS

Tgt Ion:165 Resp: 225101

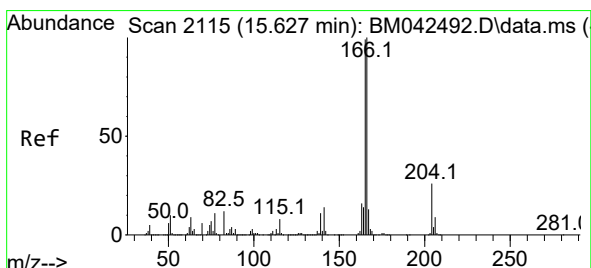
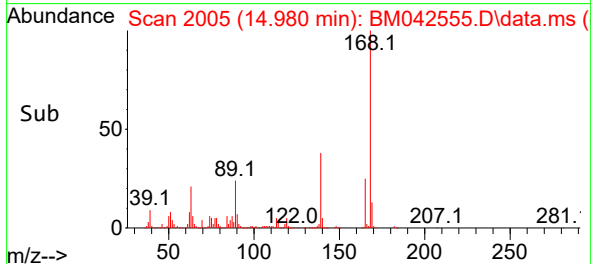
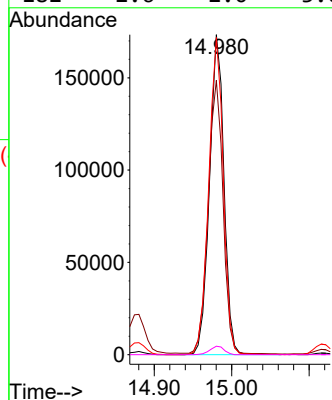
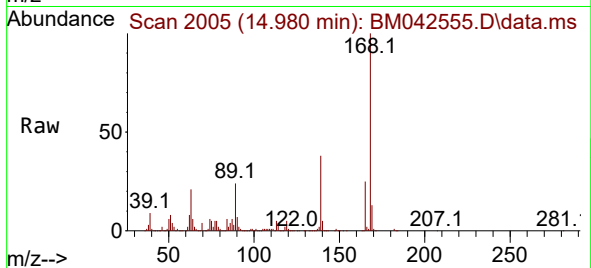
Ion Ratio Lower Upper

165 100

63 85.8 66.7 100.1

89 99.1 80.2 120.4

182 2.6 2.0 3.0



#58

Fluorene

Concen: 46.438 ng

RT: 15.627 min Scan# 2115

Delta R.T. -0.000 min

Lab File: BM042555.D

Acq: 02 Nov 2023 11:15

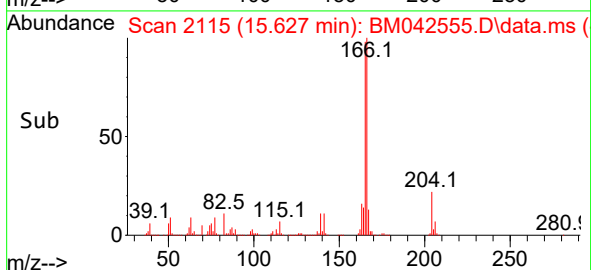
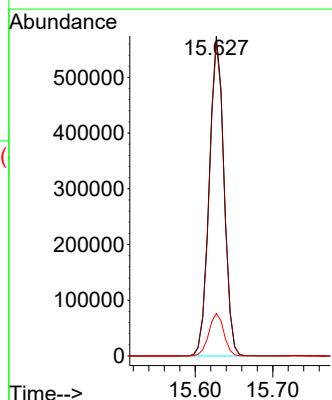
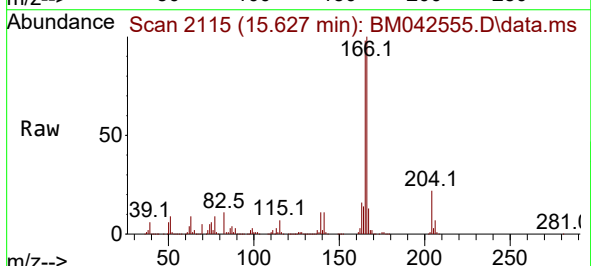
Tgt Ion:166 Resp: 757687

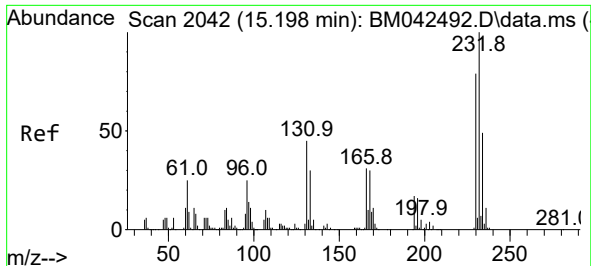
Ion Ratio Lower Upper

166 100

165 98.3 79.3 118.9

167 13.2 10.5 15.7

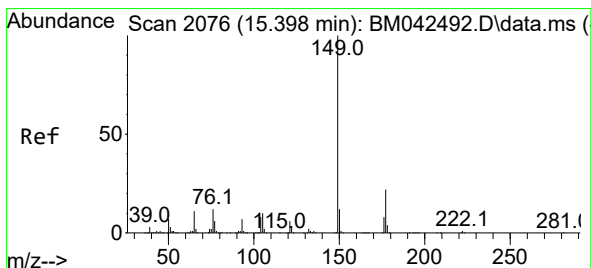
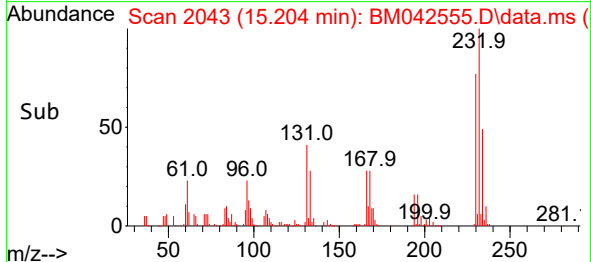
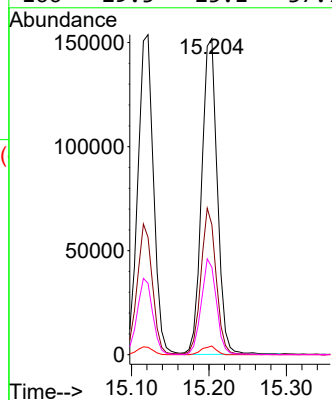
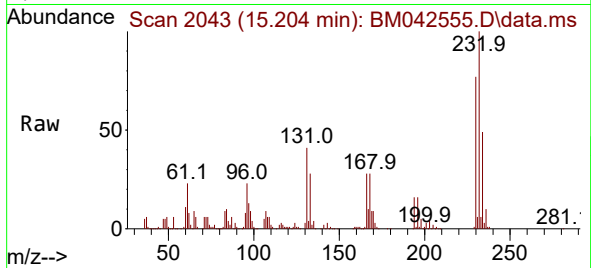




#59
2,3,4,6-Tetrachlorophenol
Concen: 50.351 ng
RT: 15.204 min Scan# 2043
Delta R.T. 0.006 min
Lab File: BM042555.D
Acq: 02 Nov 2023 11:15

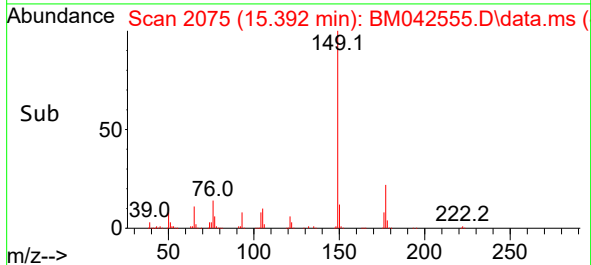
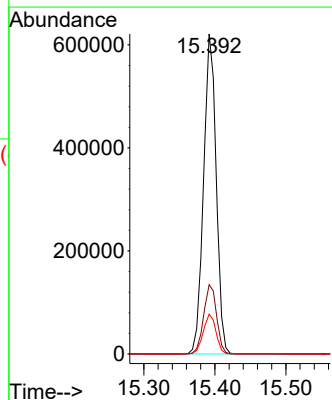
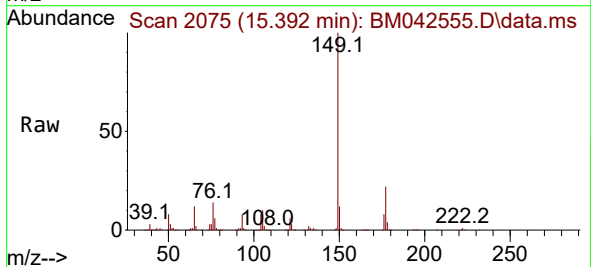
Instrument :
BNA_M
ClientSampleId :
PB156832BS

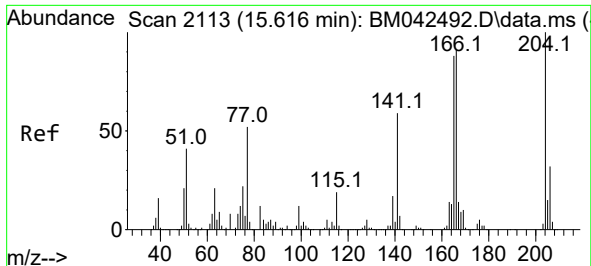
Tgt Ion:232 Resp: 212488
Ion Ratio Lower Upper
232 100
131 44.5 37.2 55.8
130 2.5 2.1 3.1
166 29.5 25.1 37.7



#60
Diethylphthalate
Concen: 46.103 ng
RT: 15.392 min Scan# 2075
Delta R.T. -0.006 min
Lab File: BM042555.D
Acq: 02 Nov 2023 11:15

Tgt Ion:149 Resp: 768155
Ion Ratio Lower Upper
149 100
177 21.7 17.8 26.6
150 12.4 9.8 14.6

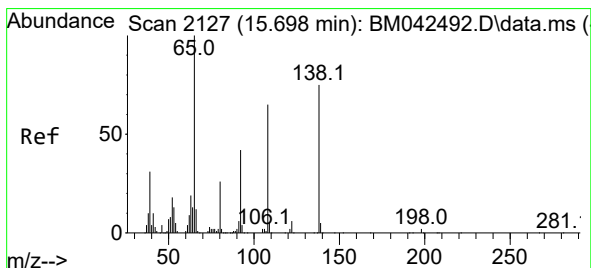
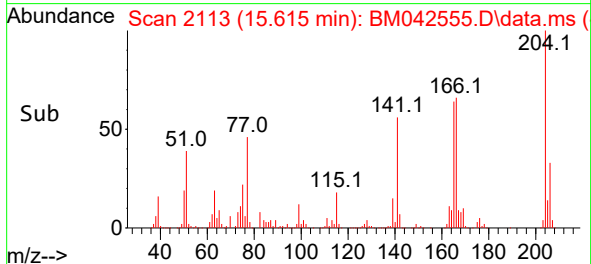
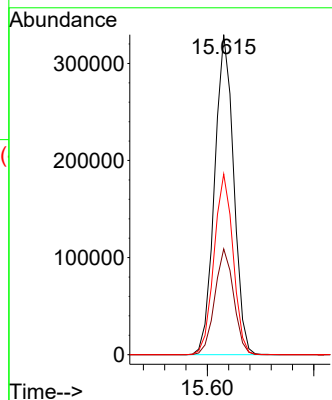
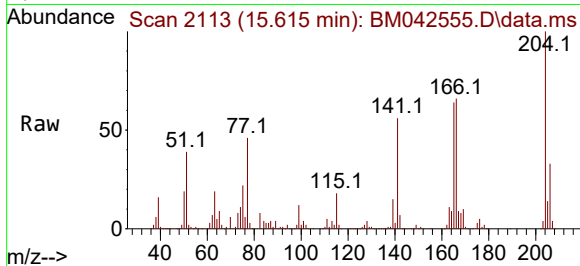




#61
4-Chlorophenyl-phenylether
Concen: 49.695 ng
RT: 15.615 min Scan# 2113
Delta R.T. -0.000 min
Lab File: BM042555.D
Acq: 02 Nov 2023 11:15

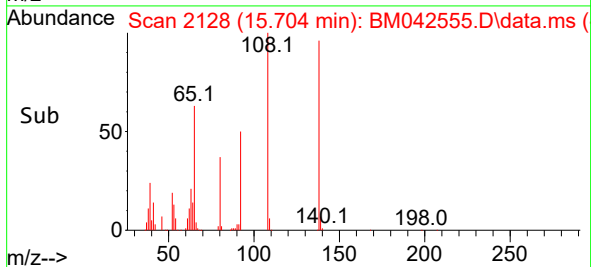
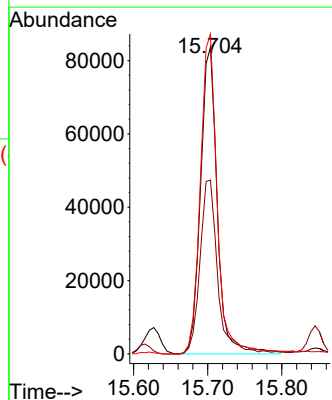
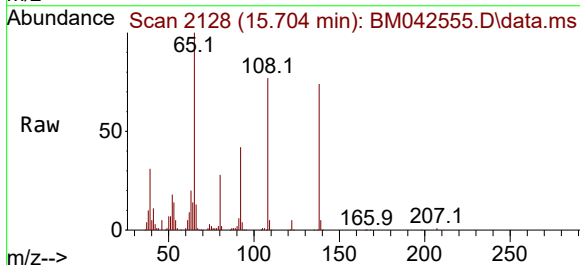
Instrument :
BNA_M
ClientSampleId :
PB156832BS

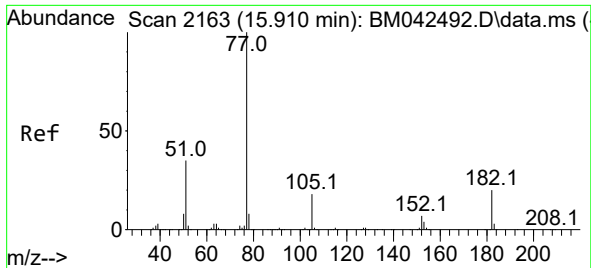
Tgt Ion:204 Resp: 409626
Ion Ratio Lower Upper
204 100
206 33.1 25.9 38.9
141 56.5 46.8 70.2



#62
4-Nitroaniline
Concen: 39.873 ng
RT: 15.704 min Scan# 2128
Delta R.T. 0.006 min
Lab File: BM042555.D
Acq: 02 Nov 2023 11:15

Tgt Ion:138 Resp: 131622
Ion Ratio Lower Upper
138 100
92 56.7 37.0 77.0
108 104.3 67.2 107.2

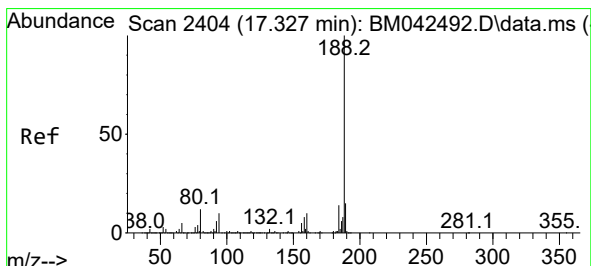
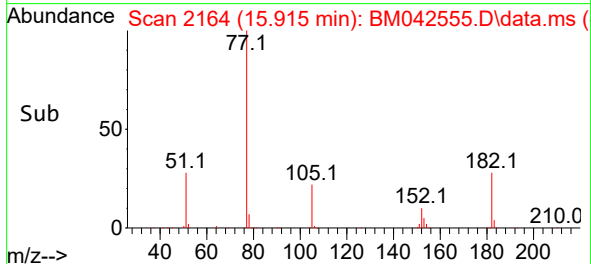
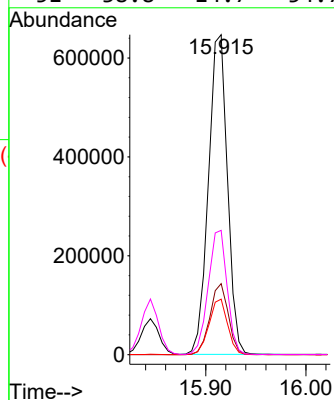
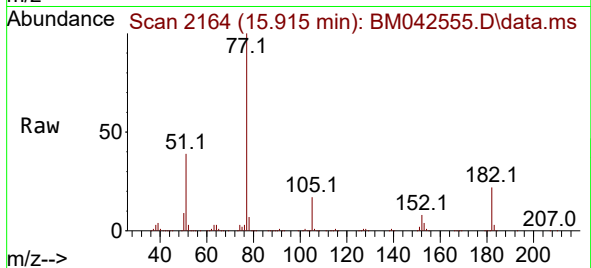




#63
Azobenzene
Concen: 46.452 ng
RT: 15.915 min Scan# 2163
Delta R.T. 0.006 min
Lab File: BM042555.D
Acq: 02 Nov 2023 11:15

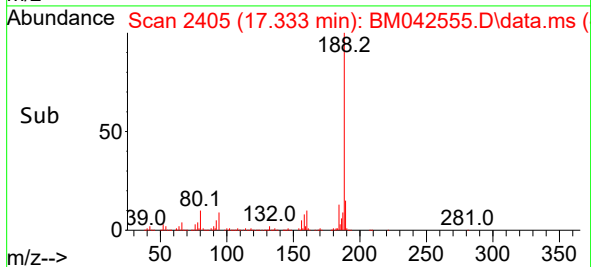
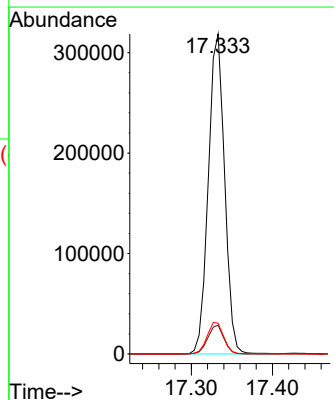
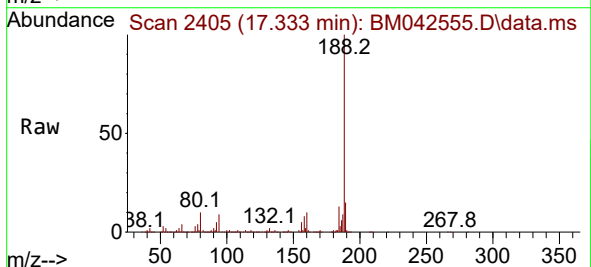
Instrument :
BNA_M
ClientSampleId :
PB156832BS

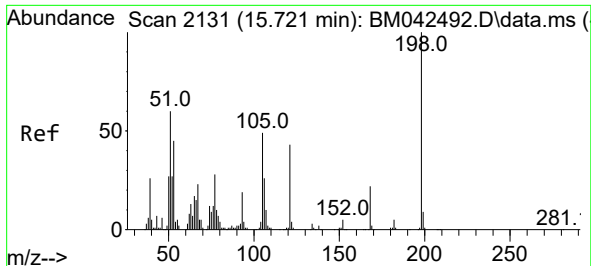
Tgt Ion: 77	Resp: 852886
Ion Ratio	Lower Upper
77 100	
182 22.2	0.0 40.0
105 17.3	0.0 37.9
51 38.8	14.7 54.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.333 min Scan# 2405
Delta R.T. 0.006 min
Lab File: BM042555.D
Acq: 02 Nov 2023 11:15

Tgt Ion:188	Resp: 443283
Ion Ratio	Lower Upper
188 100	
94 9.0	8.2 12.4
80 9.6	9.4 14.2

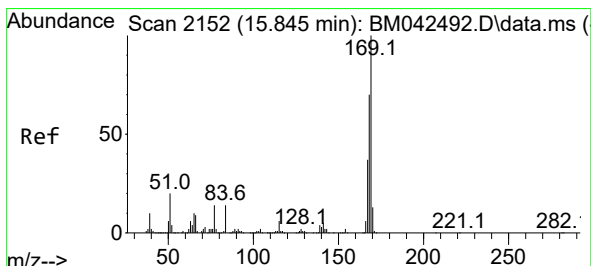
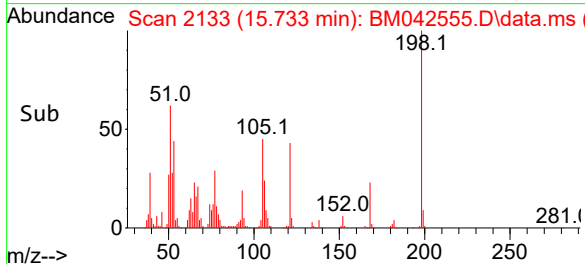
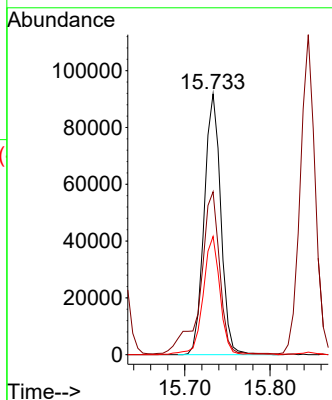
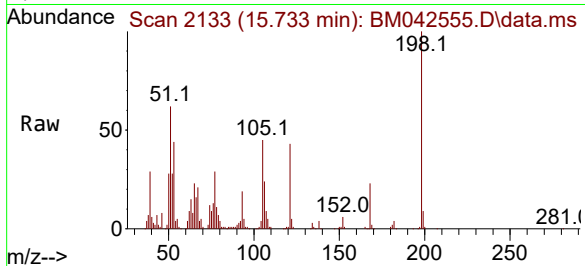




#65
4,6-Dinitro-2-methylphenol
Concen: 44.071 ng
RT: 15.733 min Scan# 2133
Delta R.T. 0.012 min
Lab File: BM042555.D
Acq: 02 Nov 2023 11:15

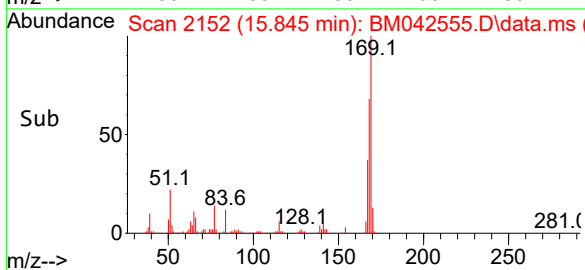
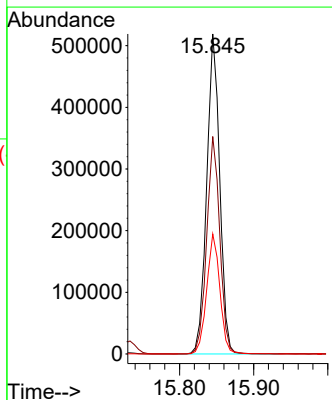
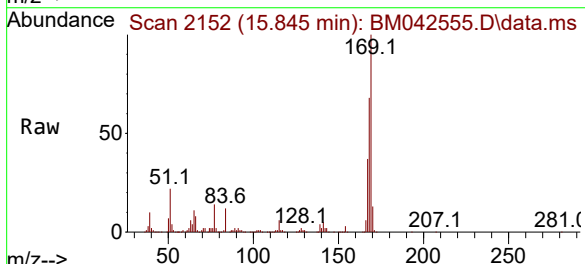
Instrument :
BNA_M
ClientSampleId :
PB156832BS

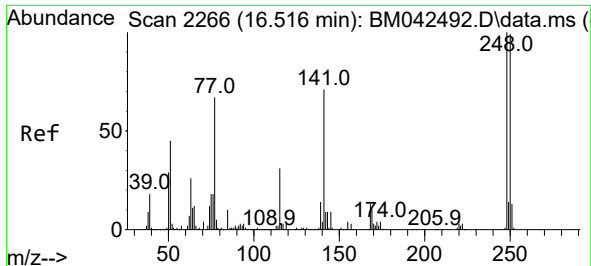
Tgt Ion:198 Resp: 124041
Ion Ratio Lower Upper
198 100
51 62.4 42.4 82.4
105 45.4 29.2 69.2



#66
n-Nitrosodiphenylamine
Concen: 50.566 ng
RT: 15.845 min Scan# 2152
Delta R.T. -0.000 min
Lab File: BM042555.D
Acq: 02 Nov 2023 11:15

Tgt Ion:169 Resp: 632021
Ion Ratio Lower Upper
169 100
168 68.0 55.9 83.9
167 37.5 29.8 44.8

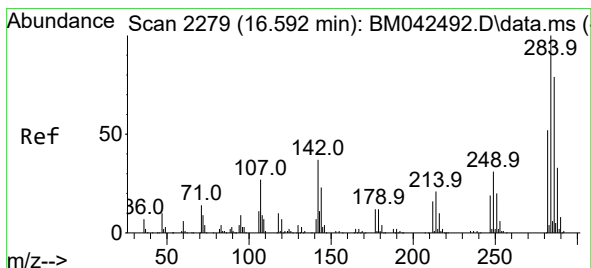
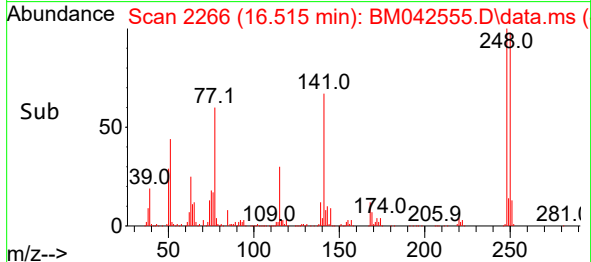
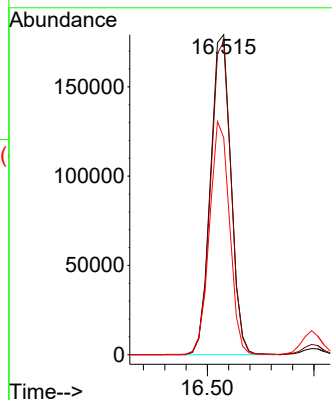
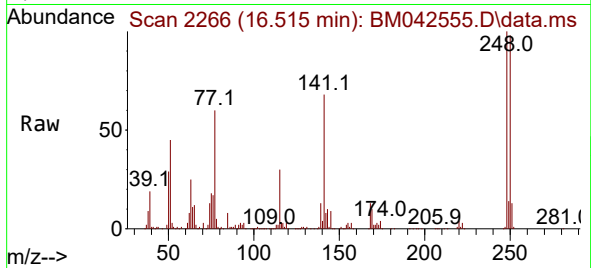




#67
4-Bromophenyl-phenylether
Concen: 53.798 ng
RT: 16.515 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM042555.D
Acq: 02 Nov 2023 11:15

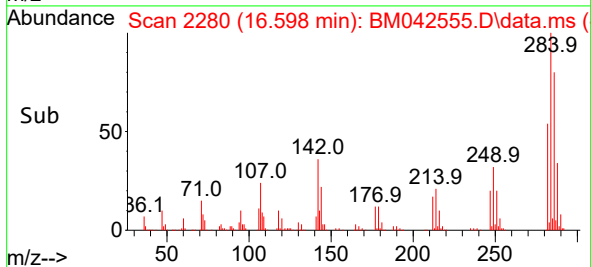
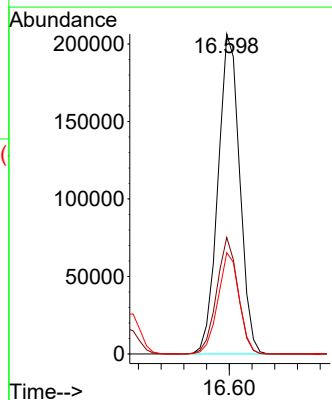
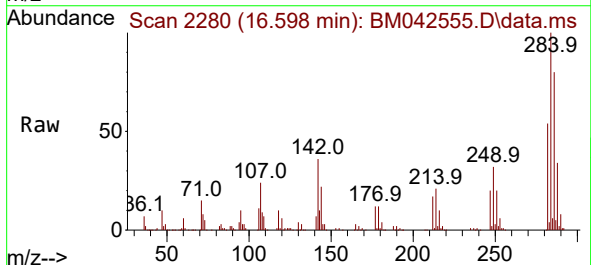
Instrument :
BNA_M
ClientSampleId :
PB156832BS

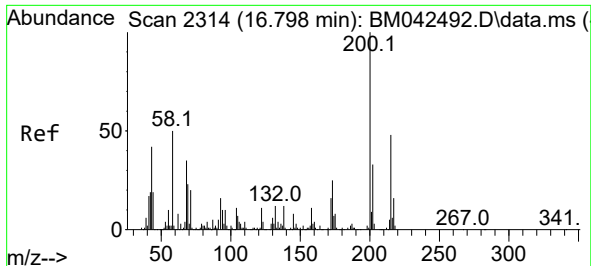
Tgt Ion:248 Resp: 238460
Ion Ratio Lower Upper
248 100
250 97.7 79.4 119.0
141 67.8 57.0 85.6



#68
Hexachlorobenzene
Concen: 55.960 ng
RT: 16.598 min Scan# 2280
Delta R.T. 0.006 min
Lab File: BM042555.D
Acq: 02 Nov 2023 11:15

Tgt Ion:284 Resp: 274412
Ion Ratio Lower Upper
284 100
142 36.4 29.8 44.6
249 31.6 25.1 37.7

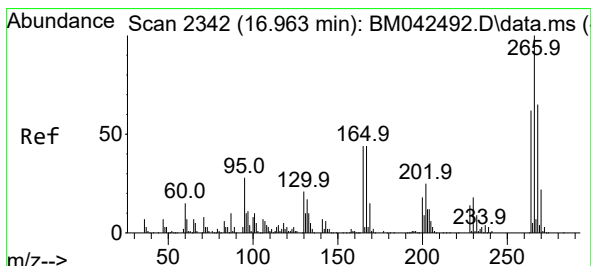
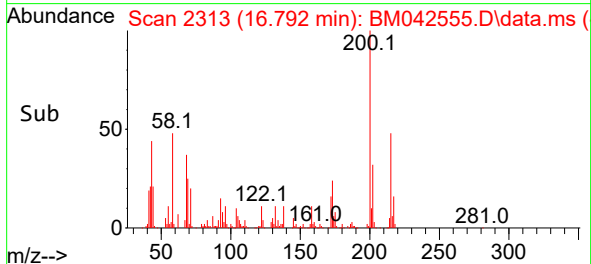
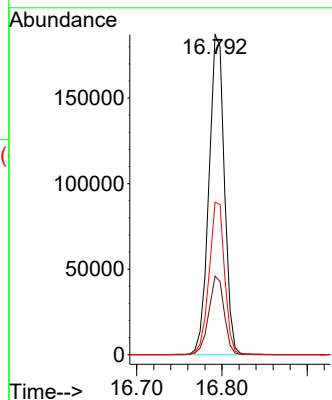
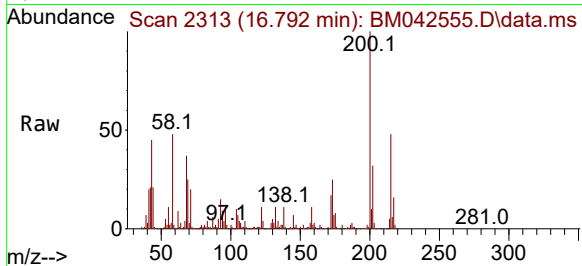




#69
 Atrazine
 Concen: 65.416 ng
 RT: 16.792 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM042555.D
 Acq: 02 Nov 2023 11:15

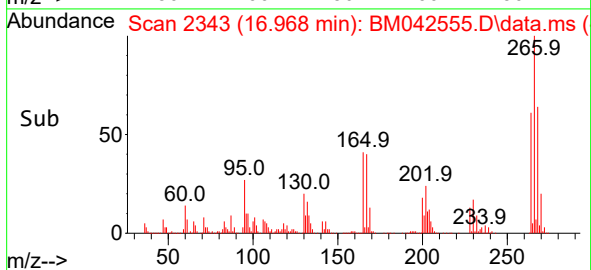
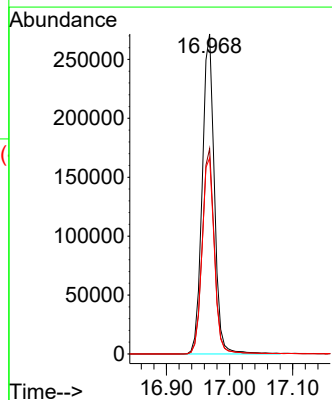
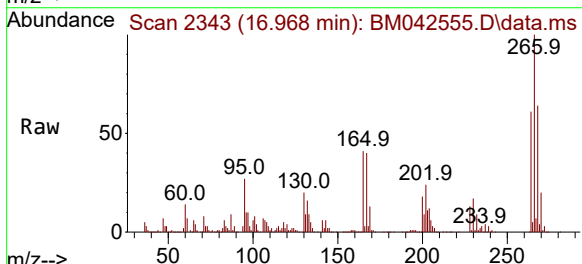
Instrument :
 BNA_M
 ClientSampleId :
 PB156832BS

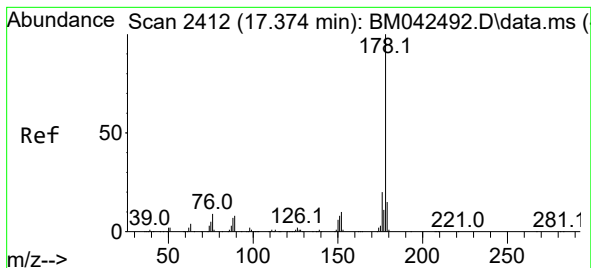
Tgt Ion:200 Resp: 236256
 Ion Ratio Lower Upper
 200 100
 173 24.5 5.4 45.4
 215 47.6 27.9 67.9



#70
 Pentachlorophenol
 Concen: 100.462 ng
 RT: 16.968 min Scan# 2343
 Delta R.T. 0.005 min
 Lab File: BM042555.D
 Acq: 02 Nov 2023 11:15

Tgt Ion:266 Resp: 362174
 Ion Ratio Lower Upper
 266 100
 268 64.1 51.7 77.5
 264 61.3 49.4 74.2





#71

Phenanthrene

Concen: 47.682 ng

RT: 17.374 min Scan# 2412

Delta R.T. -0.000 min

Lab File: BM042555.D

Acq: 02 Nov 2023 11:15

Instrument :

BNA_M

ClientSampleId :

PB156832BS

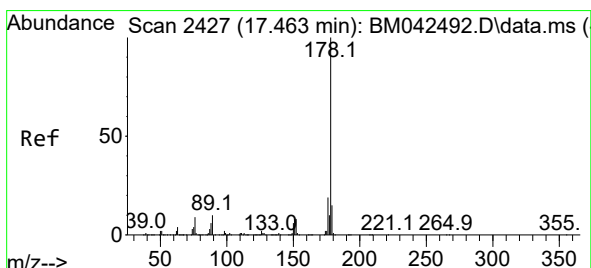
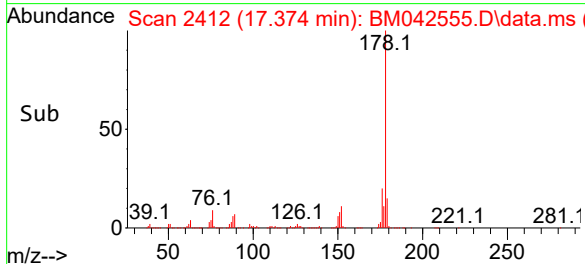
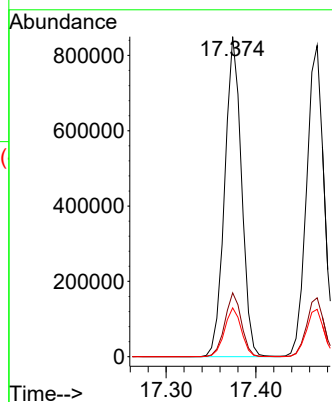
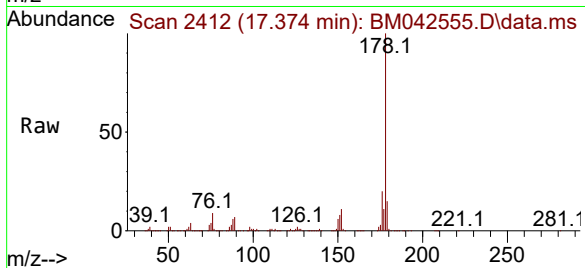
Tgt Ion:178 Resp: 1104576

Ion Ratio Lower Upper

178 100

176 20.0 15.8 23.8

179 15.2 12.2 18.4



#72

Anthracene

Concen: 48.472 ng

RT: 17.468 min Scan# 2428

Delta R.T. 0.006 min

Lab File: BM042555.D

Acq: 02 Nov 2023 11:15

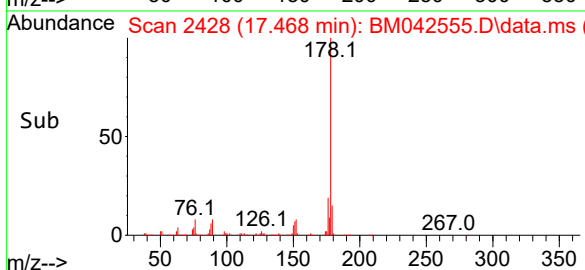
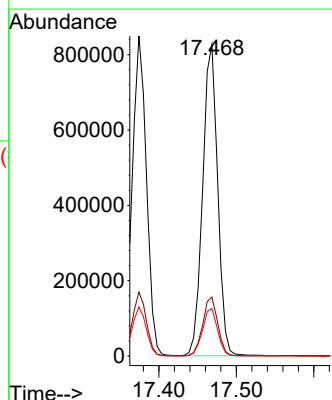
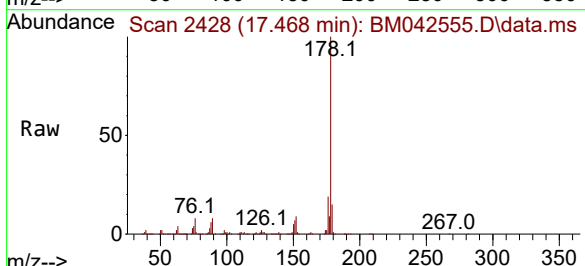
Tgt Ion:178 Resp: 1112205

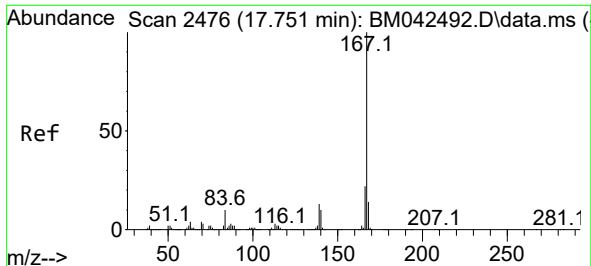
Ion Ratio Lower Upper

178 100

176 18.9 15.2 22.8

179 15.2 12.3 18.5

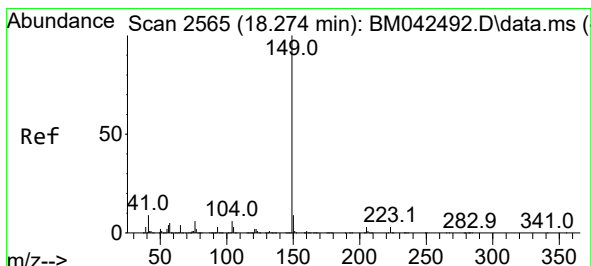
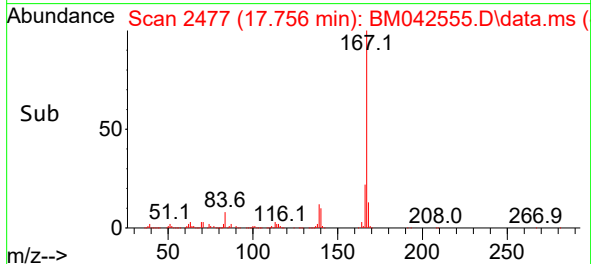
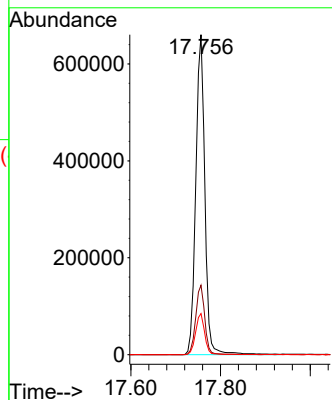
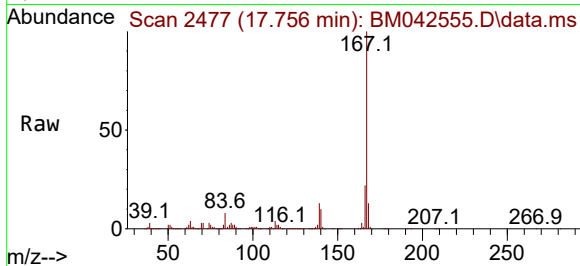




#73
Carbazole
Concen: 49.718 ng
RT: 17.756 min Scan# 24
Delta R.T. 0.005 min
Lab File: BM042555.D
Acq: 02 Nov 2023 11:15

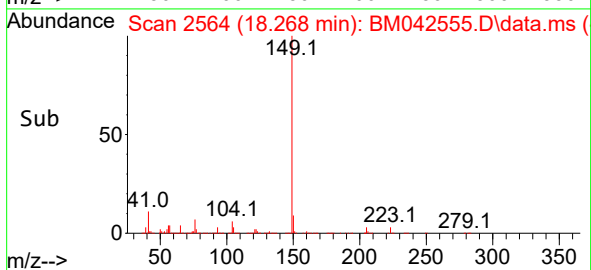
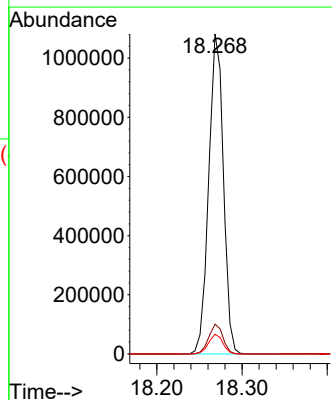
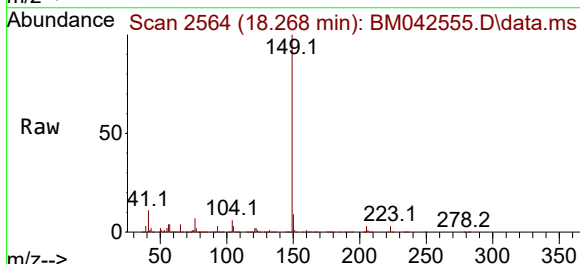
Instrument :
BNA_M
ClientSampleId :
PB156832BS

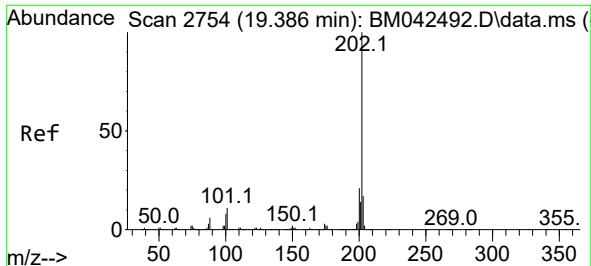
Tgt Ion:167 Resp: 928064
Ion Ratio Lower Upper
167 100
166 21.7 17.4 26.2
139 12.9 10.5 15.7



#74
Di-n-butylphthalate
Concen: 49.438 ng
RT: 18.268 min Scan# 2564
Delta R.T. -0.006 min
Lab File: BM042555.D
Acq: 02 Nov 2023 11:15

Tgt Ion:149 Resp: 1295922
Ion Ratio Lower Upper
149 100
150 9.3 7.0 10.6
104 6.2 4.6 6.8

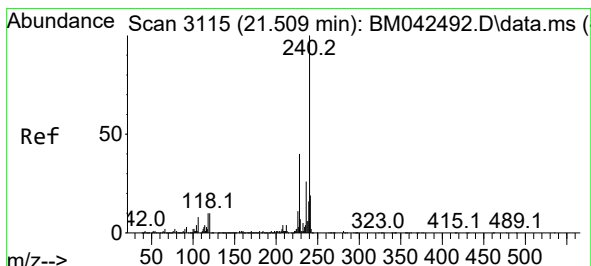
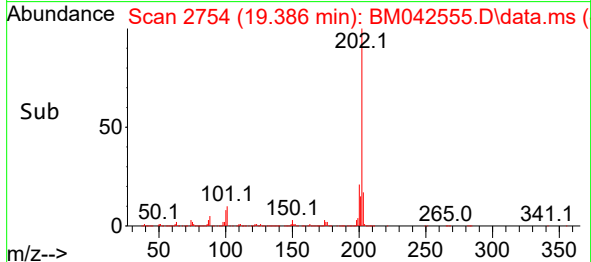
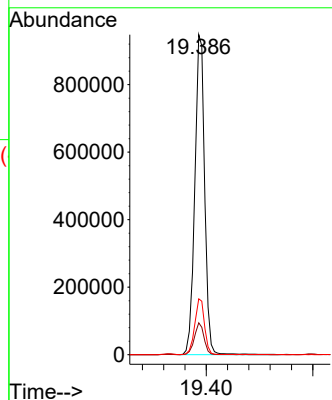
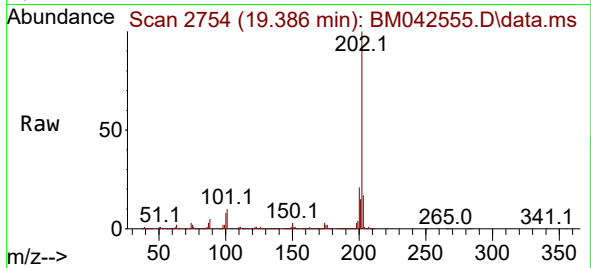




#75
Fluoranthene
Concen: 44.633 ng
RT: 19.386 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM042555.D
Acq: 02 Nov 2023 11:15

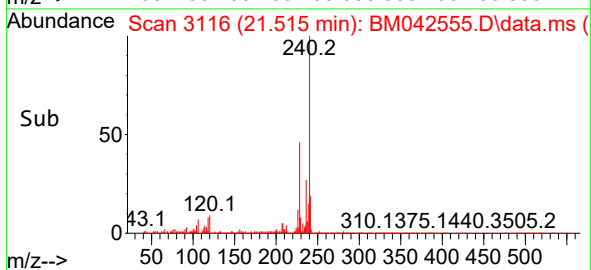
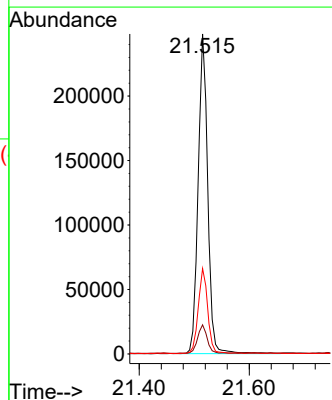
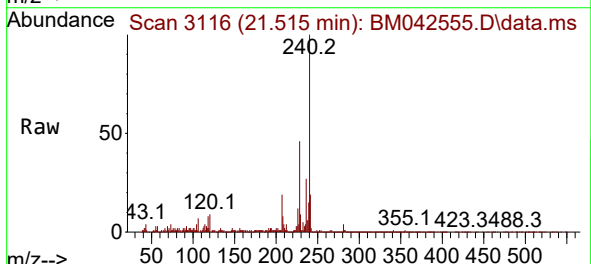
Instrument :
BNA_M
ClientSampleId :
PB156832BS

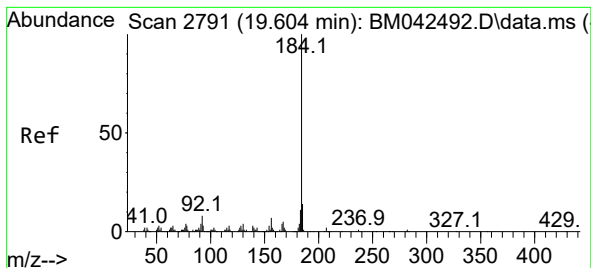
Tgt Ion:202 Resp: 1214543
Ion Ratio Lower Upper
202 100
101 10.0 0.0 30.5
203 17.4 0.0 37.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.515 min Scan# 3116
Delta R.T. 0.006 min
Lab File: BM042555.D
Acq: 02 Nov 2023 11:15

Tgt Ion:240 Resp: 299745
Ion Ratio Lower Upper
240 100
120 9.1 8.3 12.5
236 26.7 20.8 31.2





#77

Benzidine

Concen: 146.475 ng

RT: 19.598 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM042555.D

Acq: 02 Nov 2023 11:15

Instrument :

BNA_M

ClientSampleId :

PB156832BS

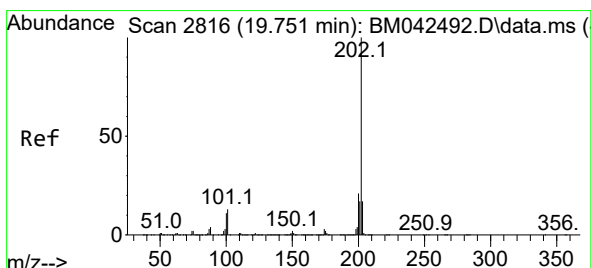
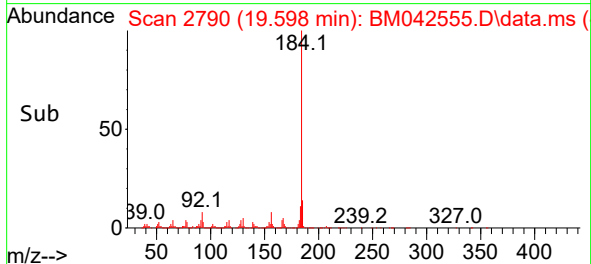
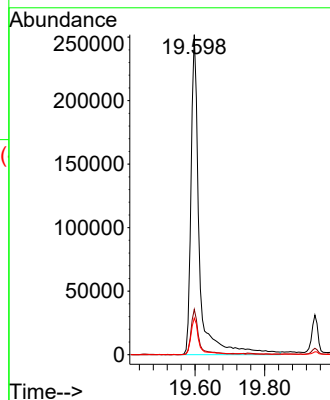
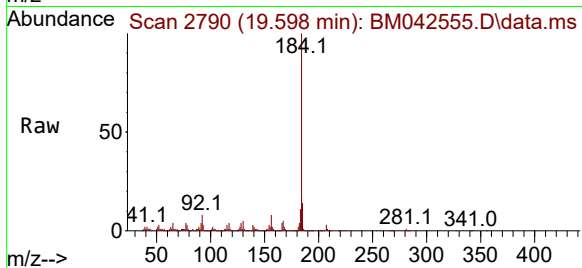
Tgt Ion:184 Resp: 421151

Ion Ratio Lower Upper

184 100

185 14.2 11.2 16.8

183 11.5 9.0 13.4



#78

Pyrene

Concen: 59.637 ng

RT: 19.756 min Scan# 2817

Delta R.T. 0.006 min

Lab File: BM042555.D

Acq: 02 Nov 2023 11:15

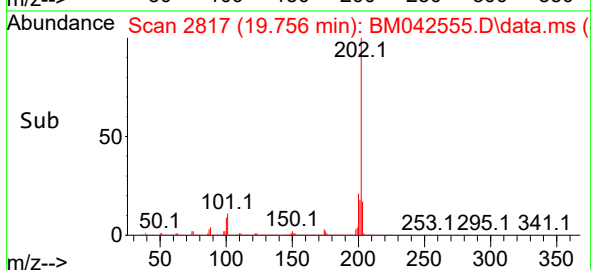
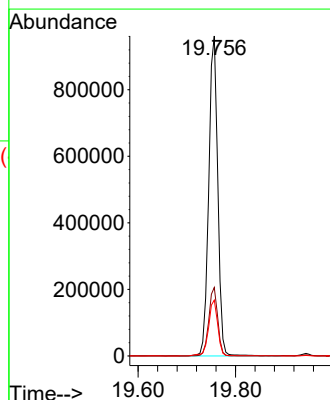
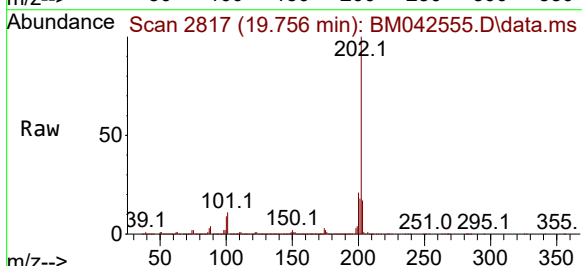
Tgt Ion:202 Resp: 1227476

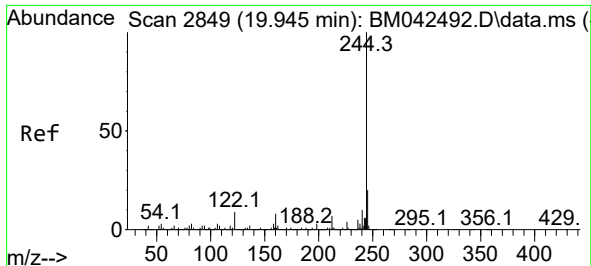
Ion Ratio Lower Upper

202 100

200 21.4 16.9 25.3

203 17.5 13.7 20.5

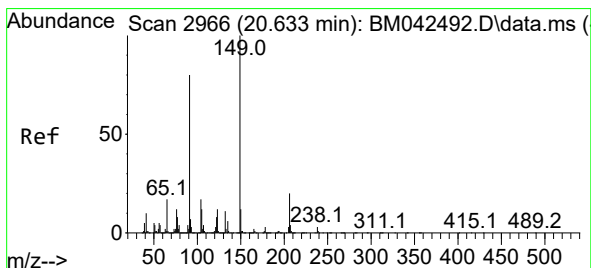
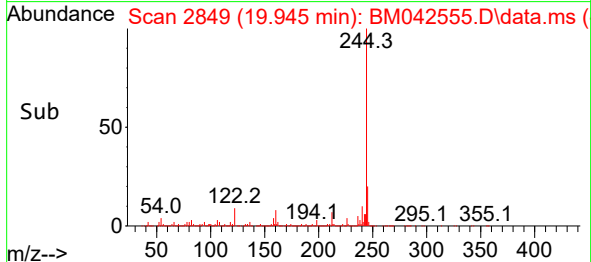
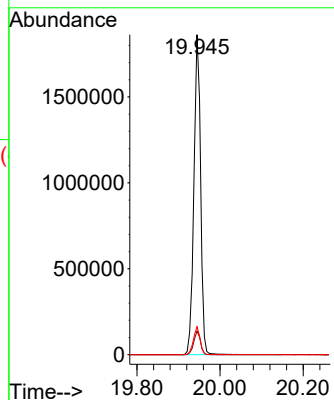
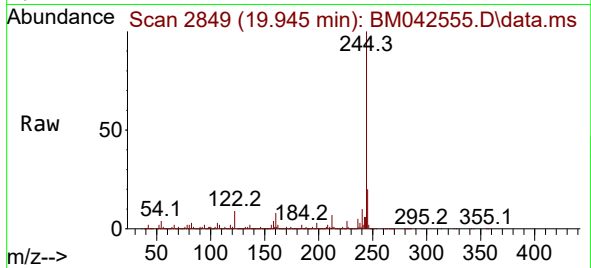




#79
 Terphenyl-d14
 Concen: 117.496 ng
 RT: 19.945 min Scan# 2849
 Delta R.T. -0.000 min
 Lab File: BM042555.D
 Acq: 02 Nov 2023 11:15

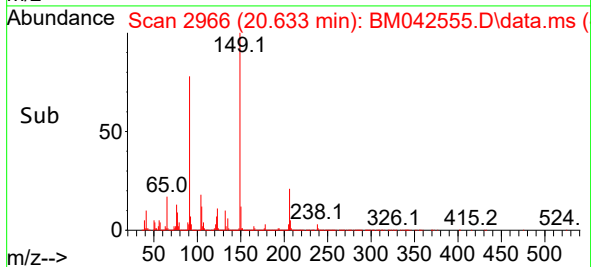
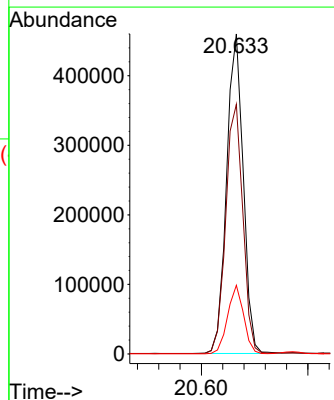
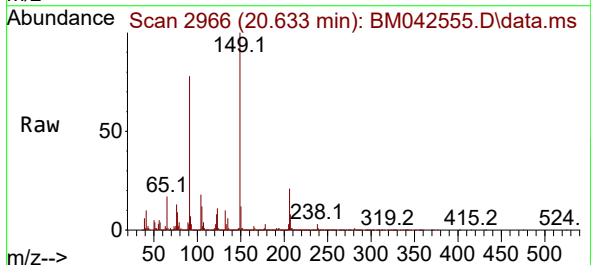
Instrument :
 BNA_M
 ClientSampleId :
 PB156832BS

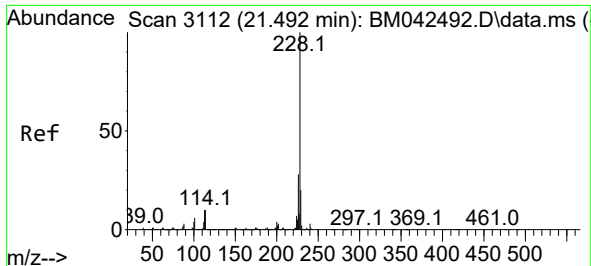
Tgt Ion:244 Resp: 2077066
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.4 8.2
 122 8.8 7.2 10.8



#80
 Butylbenzylphthalate
 Concen: 56.600 ng
 RT: 20.633 min Scan# 2966
 Delta R.T. -0.000 min
 Lab File: BM042555.D
 Acq: 02 Nov 2023 11:15

Tgt Ion:149 Resp: 497560
 Ion Ratio Lower Upper
 149 100
 91 78.0 64.2 96.4
 206 21.4 16.1 24.1

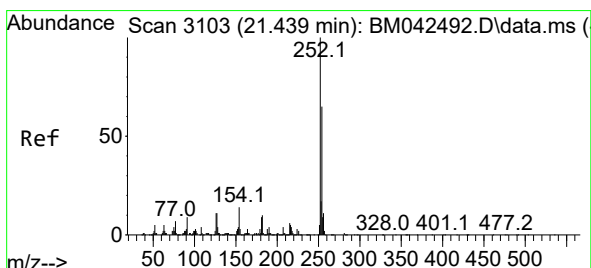
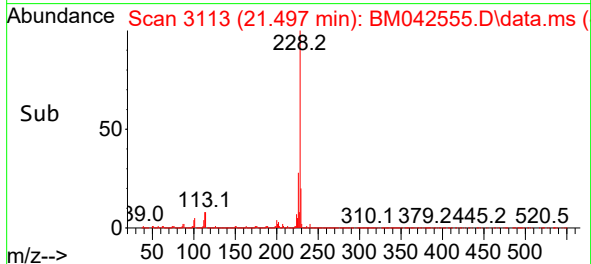
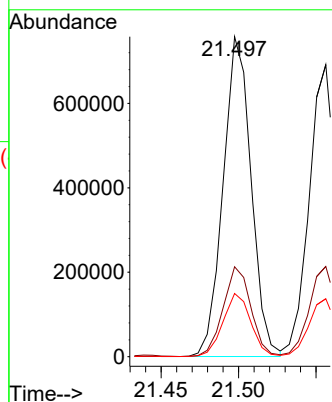
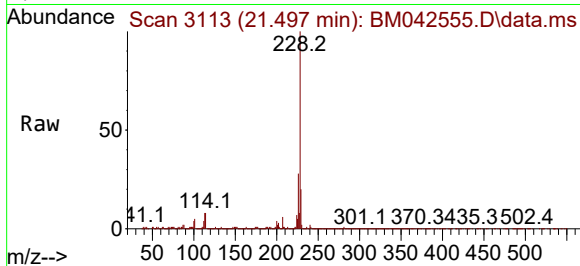




#81
Benzo(a)anthracene
Concen: 49.959 ng
RT: 21.497 min Scan# 3112
Delta R.T. 0.006 min
Lab File: BM042555.D
Acq: 02 Nov 2023 11:15

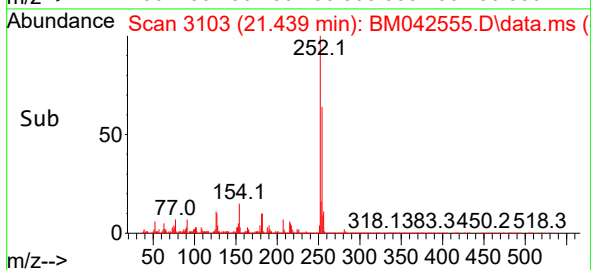
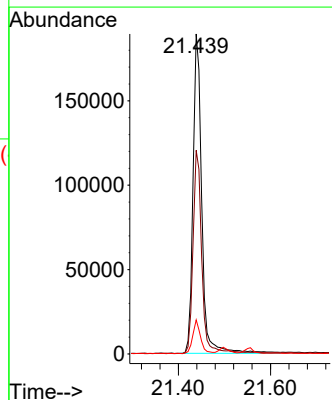
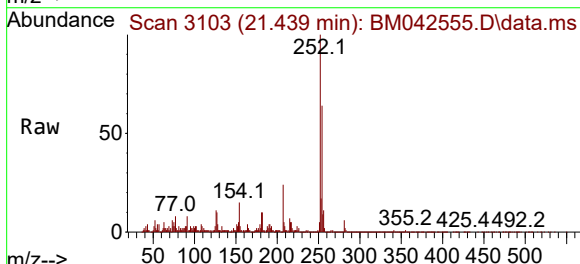
Instrument :
BNA_M
ClientSampleId :
PB156832BS

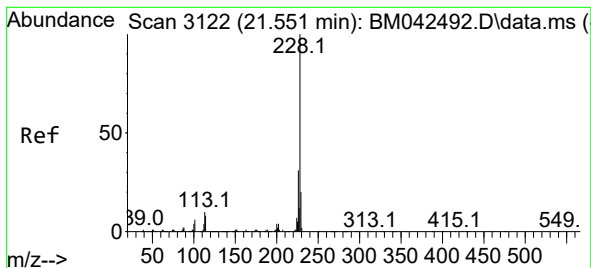
Tgt Ion:228 Resp: 952777
Ion Ratio Lower Upper
228 100
226 28.1 22.3 33.5
229 19.7 15.8 23.8



#82
3,3'-Dichlorobenzidine
Concen: 41.139 ng
RT: 21.439 min Scan# 3103
Delta R.T. -0.000 min
Lab File: BM042555.D
Acq: 02 Nov 2023 11:15

Tgt Ion:252 Resp: 249353
Ion Ratio Lower Upper
252 100
254 63.6 52.2 78.4
126 10.7 8.9 13.3





#83

Chrysene

Concen: 45.456 ng

RT: 21.556 min Scan# 31

Delta R.T. 0.006 min

Lab File: BM042555.D

Acq: 02 Nov 2023 11:15

Instrument :

BNA_M

ClientSampleId :

PB156832BS

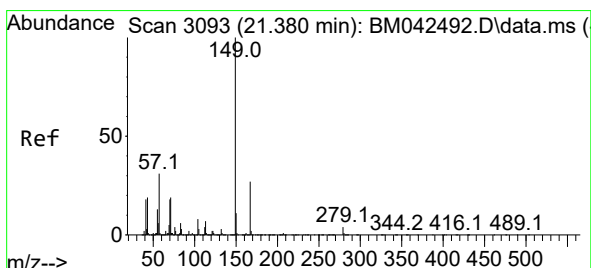
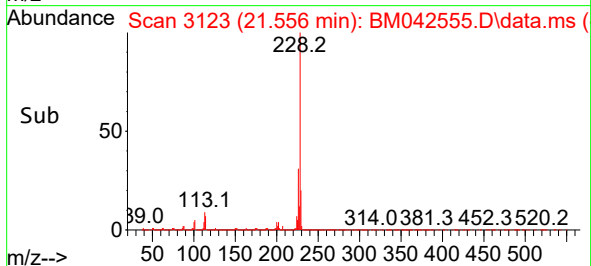
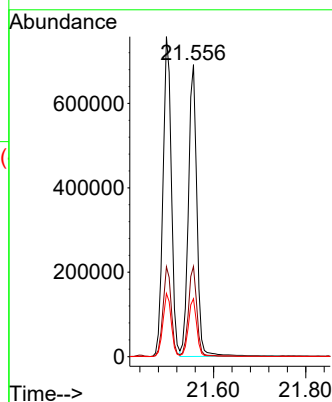
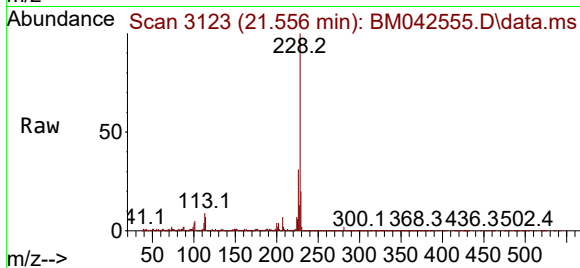
Tgt Ion:228 Resp: 880597

Ion Ratio Lower Upper

228 100

226 30.9 24.4 36.6

229 19.8 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 52.473 ng

RT: 21.374 min Scan# 3092

Delta R.T. -0.006 min

Lab File: BM042555.D

Acq: 02 Nov 2023 11:15

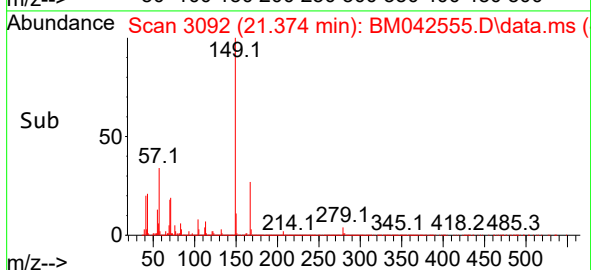
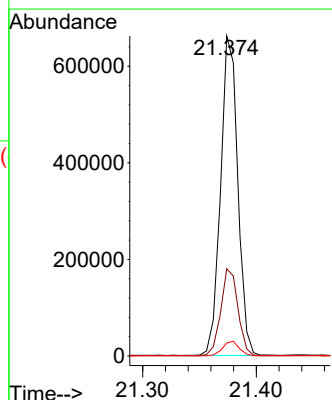
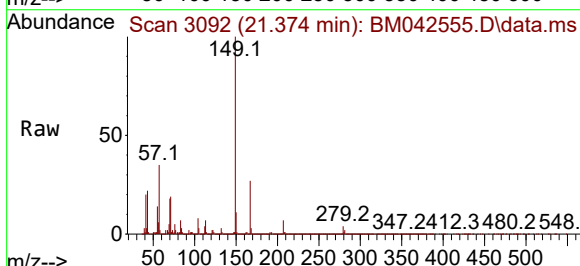
Tgt Ion:149 Resp: 697149

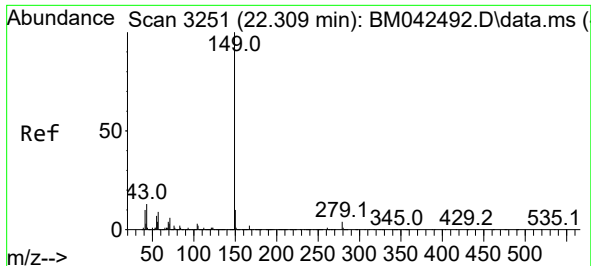
Ion Ratio Lower Upper

149 100

167 27.2 21.4 32.0

279 4.1 3.4 5.2

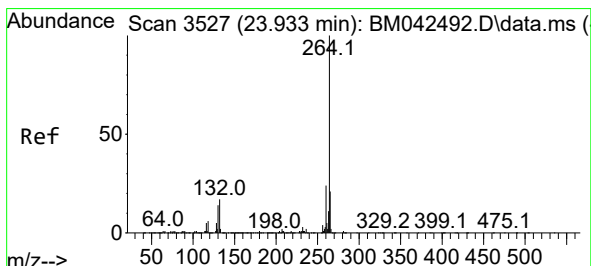
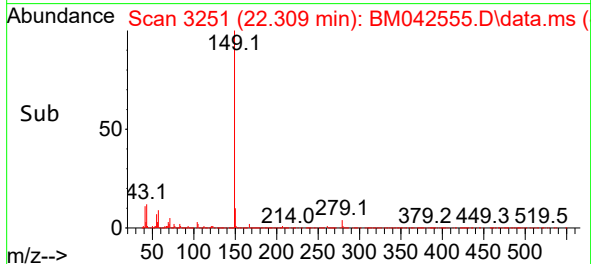
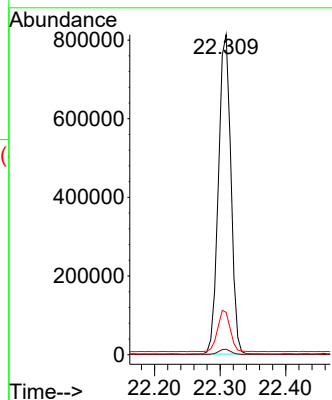
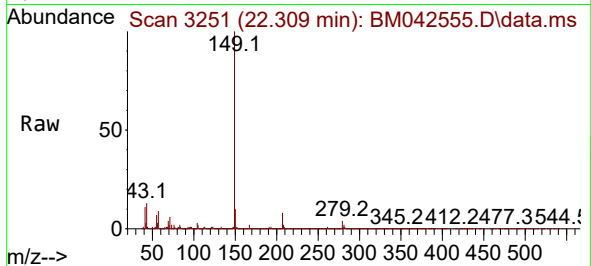




#85
Di-n-octyl phthalate
Concen: 46.477 ng
RT: 22.309 min Scan# 31
Delta R.T. -0.000 min
Lab File: BM042555.D
Acq: 02 Nov 2023 11:15

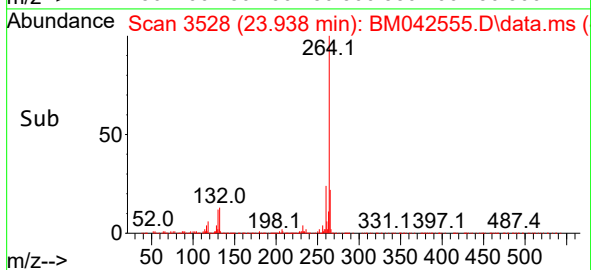
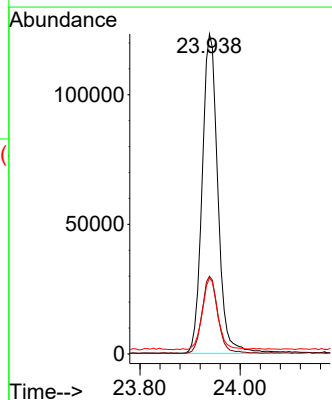
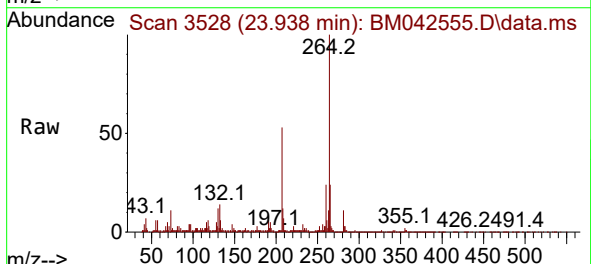
Instrument :
BNA_M
ClientSampleId :
PB156832BS

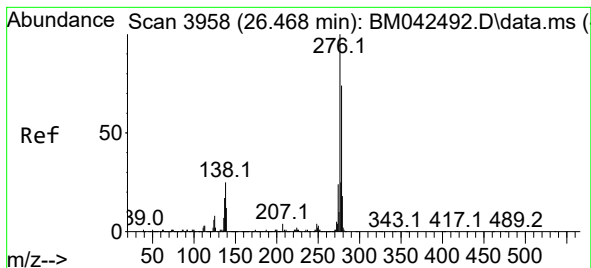
Tgt Ion:149 Resp: 1062841
Ion Ratio Lower Upper
149 100
167 1.8 1.2 1.8
43 13.1 10.2 15.2



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.938 min Scan# 3528
Delta R.T. 0.006 min
Lab File: BM042555.D
Acq: 02 Nov 2023 11:15

Tgt Ion:264 Resp: 267910
Ion Ratio Lower Upper
264 100
260 24.3 19.0 28.4
265 23.8 18.7 28.1





#87

Indeno(1,2,3-cd)pyrene

Concen: 49.710 ng

RT: 26.479 min Scan# 3401

Delta R.T. 0.012 min

Lab File: BM042555.D

Acq: 02 Nov 2023 11:15

Instrument :

BNA_M

ClientSampleId :

PB156832BS

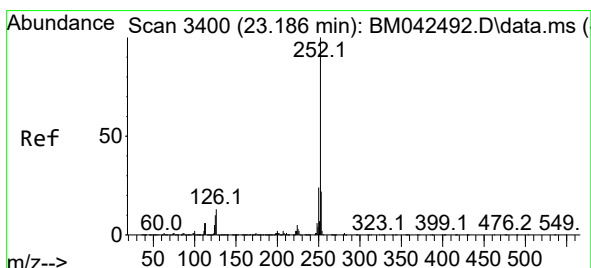
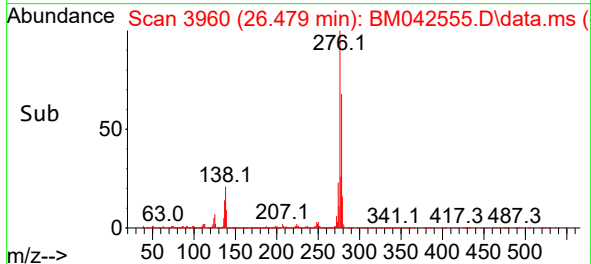
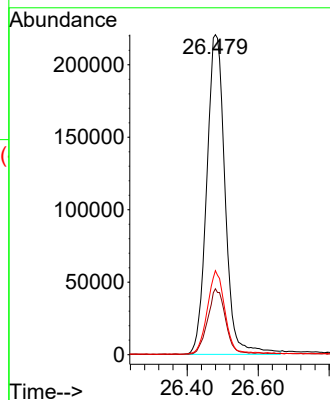
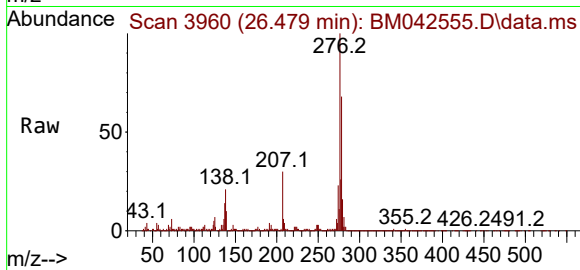
Tgt Ion:276 Resp: 792647

Ion Ratio Lower Upper

276 100

138 19.9 20.6 31.0#

277 24.8 19.5 29.3



#88

Benzo(b)fluoranthene

Concen: 50.986 ng

RT: 23.191 min Scan# 3401

Delta R.T. 0.006 min

Lab File: BM042555.D

Acq: 02 Nov 2023 11:15

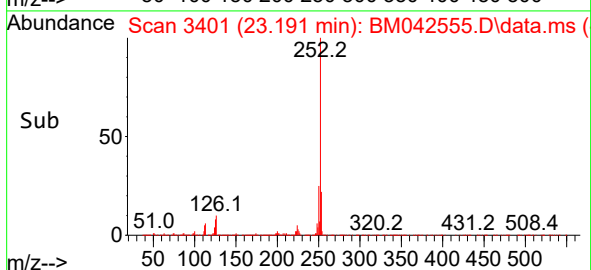
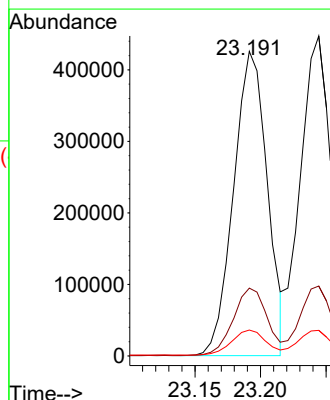
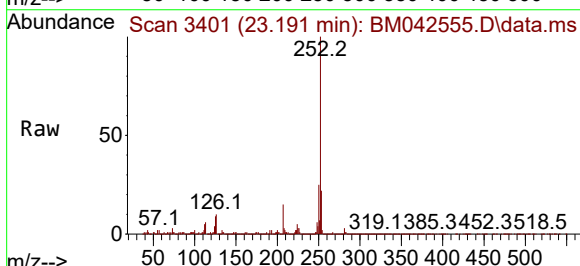
Tgt Ion:252 Resp: 761007

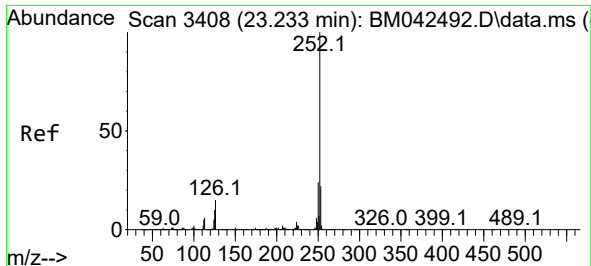
Ion Ratio Lower Upper

252 100

253 22.3 17.5 26.3

125 8.5 7.8 11.6

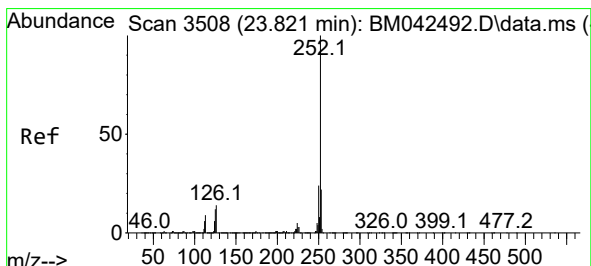
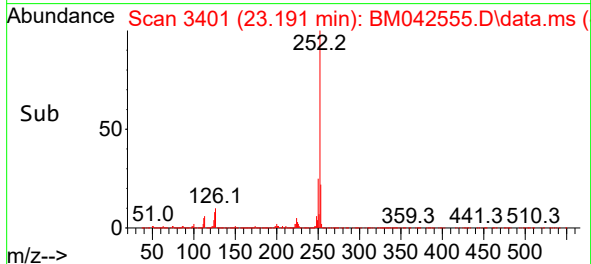
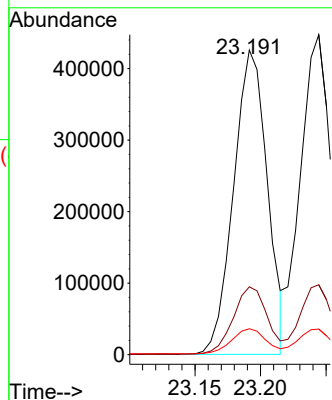
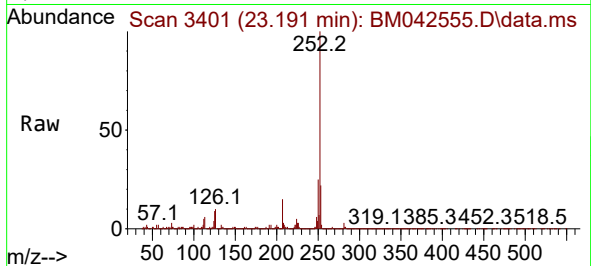




#89
Benzo(k)fluoranthene
Concen: 45.756 ng
RT: 23.191 min Scan# 34
Delta R.T. -0.041 min
Lab File: BM042555.D
Acq: 02 Nov 2023 11:15

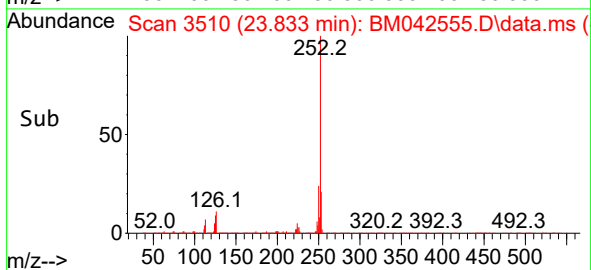
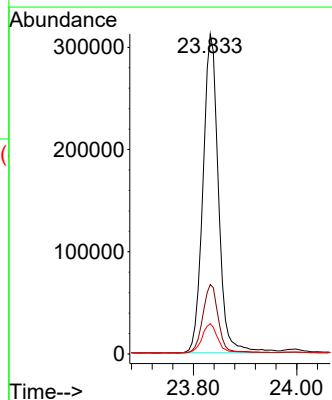
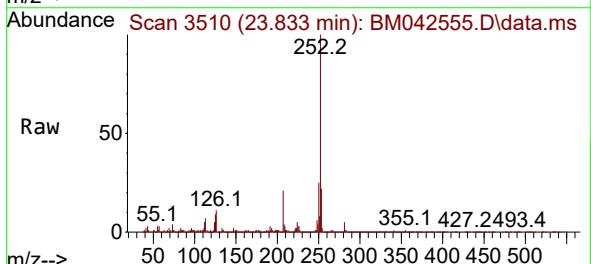
Instrument :
BNA_M
ClientSampleId :
PB156832BS

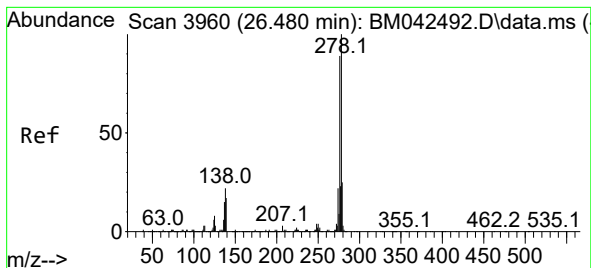
Tgt Ion:252 Resp: 761007
Ion Ratio Lower Upper
252 100
253 22.3 17.6 26.4
125 8.5 8.2 12.4



#90
Benzo(a)pyrene
Concen: 44.347 ng
RT: 23.833 min Scan# 3510
Delta R.T. 0.012 min
Lab File: BM042555.D
Acq: 02 Nov 2023 11:15

Tgt Ion:252 Resp: 651665
Ion Ratio Lower Upper
252 100
253 21.7 17.5 26.3
125 9.4 9.4 14.2#





#91

Dibenzo(a,h)anthracene

Concen: 44.688 ng

RT: 26.497 min Scan# 3960

Delta R.T. 0.017 min

Lab File: BM042555.D

Acq: 02 Nov 2023 11:15

Instrument :

BNA_M

ClientSampleId :

PB156832BS

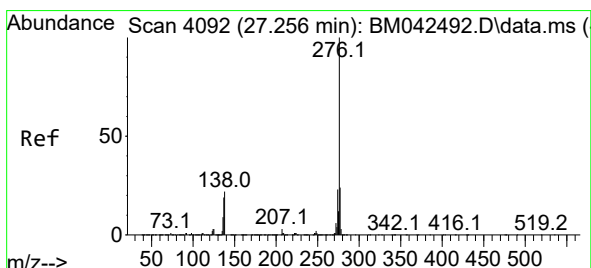
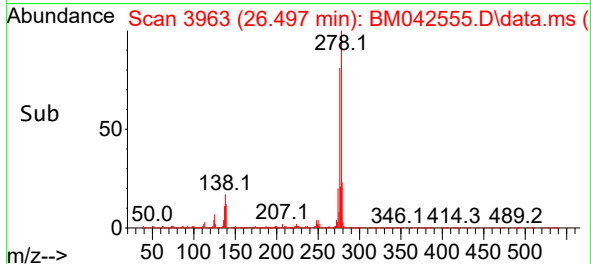
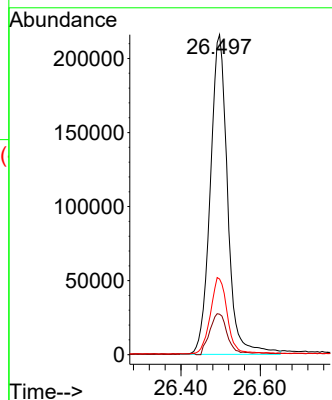
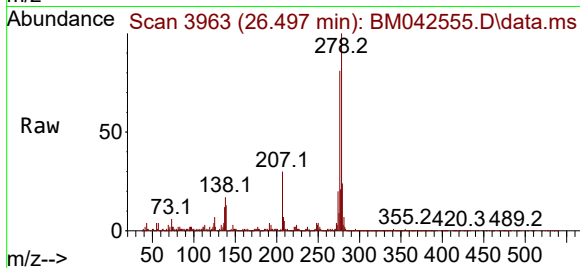
Tgt Ion:278 Resp: 653232

Ion Ratio Lower Upper

278 100

139 12.7 13.4 20.2#

279 23.6 19.7 29.5



#92

Benzo(g,h,i)perylene

Concen: 44.353 ng

RT: 27.279 min Scan# 4096

Delta R.T. 0.023 min

Lab File: BM042555.D

Acq: 02 Nov 2023 11:15

Tgt Ion:276 Resp: 623317

Ion Ratio Lower Upper

276 100

277 23.9 19.2 28.8

138 17.1 17.3 25.9#

