

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060923\
 Data File : BM040196.D
 Acq On : 09 Jun 2023 17:56
 Operator : MA/JU
 Sample : 03032-01MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-20-0AMSD

Quant Time: Jun 10 04:42:42 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 08 23:25:50 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.987	152	381341	20.000	ng	0.00
21) Naphthalene-d8	10.804	136	1754745	20.000	ng	0.00
39) Acenaphthene-d10	14.627	164	1097934	20.000	ng	0.00
64) Phenanthrene-d10	17.368	188	2271951	20.000	ng	0.00
76) Chrysene-d12	21.550	240	2270101	20.000	ng	0.00
86) Perylene-d12	23.986	264	2177332	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	2327789	91.146	ng	0.00
7) Phenol-d6	7.151	99	3059380	87.789	ng	0.00
23) Nitrobenzene-d5	9.157	82	1664970	51.357	ng	0.00
42) 2,4,6-Tribromophenol	16.116	330	1502464	90.953	ng	0.00
45) 2-Fluorobiphenyl	13.251	172	4113899	49.524	ng	0.00
79) Terphenyl-d14	19.986	244	7335296	59.565	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.393	88	325512	32.096	ng	99
3) Pyridine	3.805	79	885364	30.436	ng	97
4) n-Nitrosodimethylamine	3.716	42	413059	35.023	ng	91
6) Aniline	7.310	93	1440342	34.150	ng	99
8) 2-Chlorophenol	7.551	128	1211577	44.868	ng	97
9) Benzaldehyde	7.122	77	568683	30.644	ng	96
10) Phenol	7.175	94	1530861	44.666	ng	98
11) bis(2-Chloroethyl)ether	7.410	93	1069496	38.720	ng	97
12) 1,3-Dichlorobenzene	7.875	146	1148173	42.295	ng	98
13) 1,4-Dichlorobenzene	8.022	146	1174077	42.328	ng	98
14) 1,2-Dichlorobenzene	8.345	146	1143667	41.896	ng	99
15) Benzyl Alcohol	8.228	79	970143	42.182	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.522	45	1337045	37.971	ng	99
17) 2-Methylphenol	8.434	107	1011226	41.408	ng	98
18) Hexachloroethane	9.075	117	417895	42.077	ng	94
19) n-Nitroso-di-n-propyla...	8.804	70	804167	37.981	ng	97
20) 3+4-Methylphenols	8.763	107	1402488	42.068	ng	98
22) Acetophenone	8.816	105	1737942	37.925	ng	# 97
24) Nitrobenzene	9.198	77	1205900	36.138	ng	96
25) Isophorone	9.728	82	2310319	37.737	ng	97
26) 2-Nitrophenol	9.910	139	624630	45.048	ng	96
27) 2,4-Dimethylphenol	9.975	122	1120112	41.288	ng	97
28) bis(2-Chloroethoxy)met...	10.210	93	1489040	37.676	ng	99
29) 2,4-Dichlorophenol	10.445	162	1142233	45.904	ng	97
30) 1,2,4-Trichlorobenzene	10.663	180	1077628	42.754	ng	99
31) Naphthalene	10.851	128	3609518	38.190	ng	100
32) Benzoic acid	10.116	122	911366	44.384	ng	95
33) 4-Chloroaniline	10.963	127	1037036	24.636	ng	97
34) Hexachlorobutadiene	11.139	225	560273	42.377	ng	98
35) Caprolactam	11.751	113	389790	45.616	ng	88
36) 4-Chloro-3-methylphenol	12.081	107	1215324	42.060	ng	94
37) 2-Methylnaphthalene	12.457	142	2514016	38.465	ng	99
38) 1-Methylnaphthalene	12.675	142	2383527	38.672	ng	99
40) 1,2,4,5-Tetrachloroben...	12.828	216	1187383	40.793	ng	99
41) Hexachlorocyclopentadiene	12.804	237	1231227	81.120	ng	98
43) 2,4,6-Trichlorophenol	13.063	196	867387	43.446	ng	100

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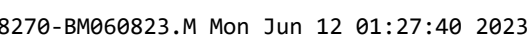
Instrument :
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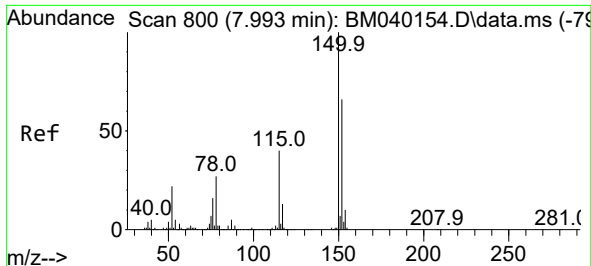
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.133	196	956718	39.699	ng	96
46) 1,1'-Biphenyl	13.463	154	3397156	38.588	ng	98
47) 2-Chloronaphthalene	13.504	162	2597512	39.717	ng	98
48) 2-Nitroaniline	13.710	65	749025	38.197	ng	91
49) Acenaphthylene	14.351	152	4232613	39.034	ng	99
50) Dimethylphthalate	14.086	163	3241943	37.858	ng	99
51) 2,6-Dinitrotoluene	14.204	165	697533	40.643	ng	90
52) Acenaphthene	14.692	154	2587660	38.691	ng	99
53) 3-Nitroaniline	14.533	138	681230	31.814	ng	92
54) 2,4-Dinitrophenol	14.733	184	615103	58.621	ng	88
55) Dibenzofuran	15.027	168	4067634	38.879	ng	97
56) 4-Nitrophenol	14.839	139	1540184	88.808	ng	92
57) 2,4-Dinitrotoluene	14.986	165	976122	42.617	ng	90
58) Fluorene	15.674	166	3396067	38.780	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.245	232	825944	43.832	ng	94
60) Diethylphthalate	15.445	149	3369152	38.777	ng	98
61) 4-Chlorophenyl-phenyle...	15.663	204	1645352	40.196	ng	99
62) 4-Nitroaniline	15.698	138	866314	37.980	ng	95
63) Azobenzene	15.957	77	3235559	38.301	ng	95
65) 4,6-Dinitro-2-methylph...	15.751	198	406291	31.882	ng	89
66) n-Nitrosodiphenylamine	15.880	169	2846273	38.249	ng	98
67) 4-Bromophenyl-phenylether	16.557	248	925847	40.575	ng	98
68) Hexachlorobenzene	16.674	284	1143513	43.696	ng	93
69) Atrazine	16.833	200	963896	47.396	ng	97
70) Pentachlorophenol	17.021	266	1562871	81.355	ng	99
71) Phenanthrene	17.415	178	5123706	38.705	ng	100
72) Anthracene	17.504	178	5190867	39.305	ng	100
73) Carbazole	17.774	167	4987140	39.590	ng	99
74) Di-n-butylphthalate	18.333	149	6048271	42.811	ng	99
75) Fluoranthene	19.421	202	5754799	40.966	ng	99
77) Benzidine	19.609	184	1848121	43.349	ng	99
78) Pyrene	19.786	202	6110511	40.367	ng	100
80) Butylbenzylphthalate	20.680	149	2809628	45.921	ng	90
81) Benzo(a)anthracene	21.533	228	6401224	41.351	ng	100
82) 3,3'-Dichlorobenzidine	21.462	252	2340236	45.487	ng	99
83) Chrysene	21.586	228	5787823	39.468	ng	99
84) Bis(2-ethylhexyl)phtha...	21.450	149	4245507	46.987	ng	98
85) Di-n-octyl phthalate	22.392	149	7312341	49.837	ng	97
87) Indeno(1,2,3-cd)pyrene	26.527	276	5746392	35.198	ng	98
88) Benzo(b)fluoranthene	23.239	252	6079863	46.106	ng	99
89) Benzo(k)fluoranthene	23.292	252	5798412	42.072	ng	99
90) Benzo(a)pyrene	23.874	252	4865057	38.632	ng	99
91) Dibenzo(a,h)anthracene	26.538	278	4916296	34.884	ng	99
92) Benzo(g,h,i)perylene	27.309	276	4128437	34.102	ng	98

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

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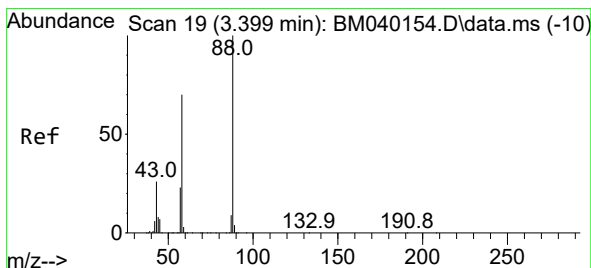
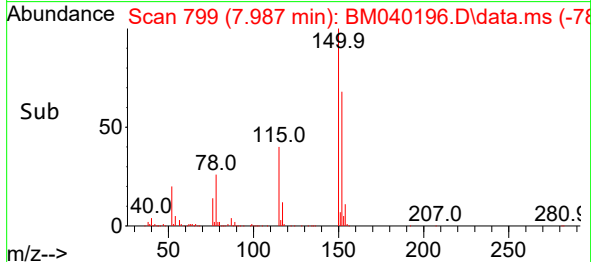
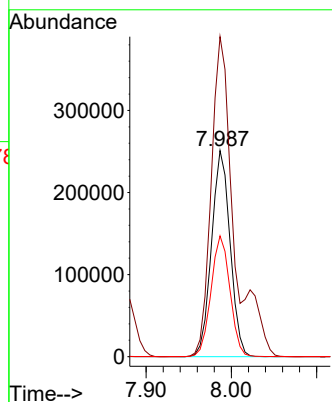
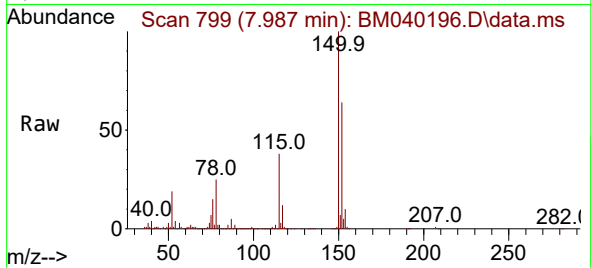




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.987 min Scan# 79
Delta R.T. -0.006 min
Lab File: BM040196.D
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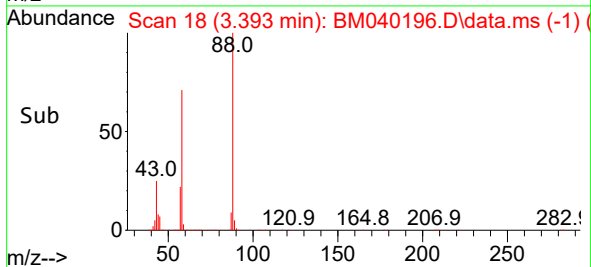
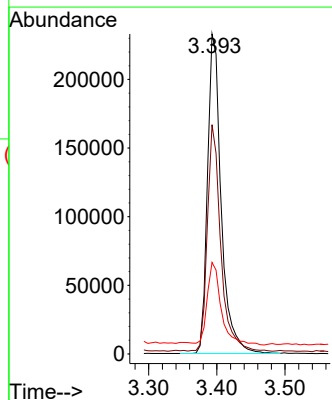
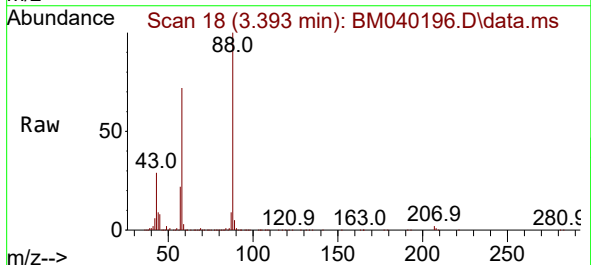
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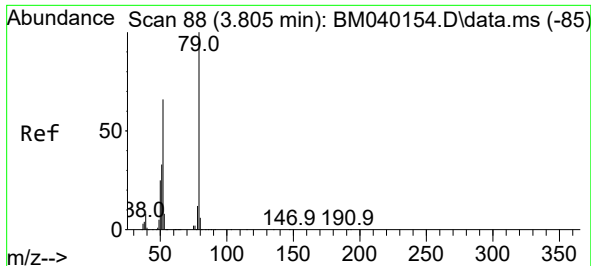
Tgt Ion:152 Resp: 381341
Ion Ratio Lower Upper
152 100
150 155.3 121.4 182.0
115 58.6 48.2 72.4



#2
1,4-Dioxane
Concen: 32.096 ng
RT: 3.393 min Scan# 18
Delta R.T. -0.006 min
Lab File: BM040196.D
Acq: 09 Jun 2023 17:56

Tgt Ion: 88 Resp: 325512
Ion Ratio Lower Upper
88 100
58 69.1 56.4 84.6
43 26.6 21.2 31.8

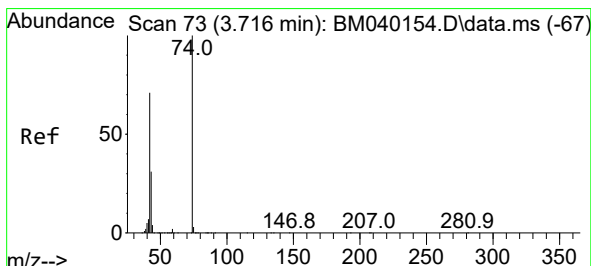
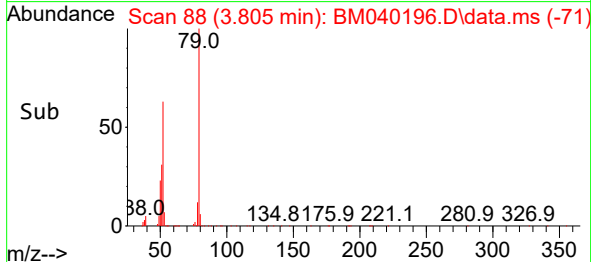
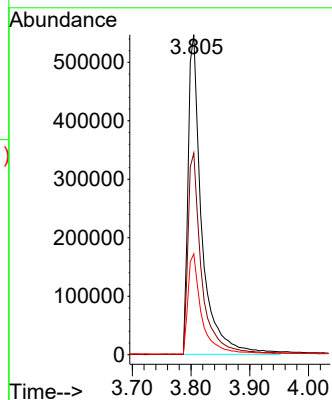
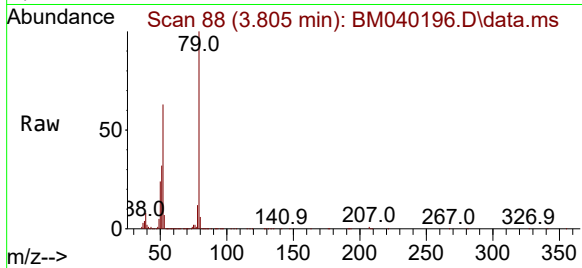




#3
 Pyridine
 Concen: 30.436 ng
 RT: 3.805 min Scan# 88
 Delta R.T. 0.000 min
 Lab File: BM040196.D
 Acq: 09 Jun 2023 17:56

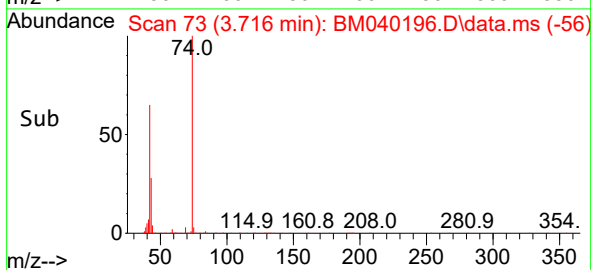
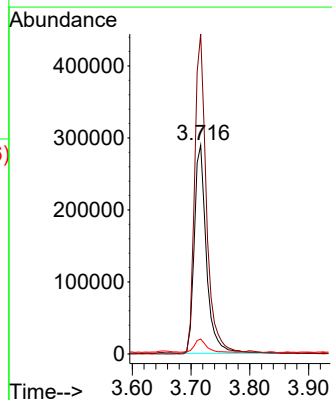
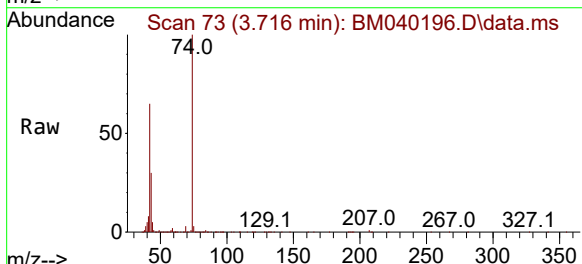
Instrument :
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 ClientSampleId :
 TP-20-0AMSD

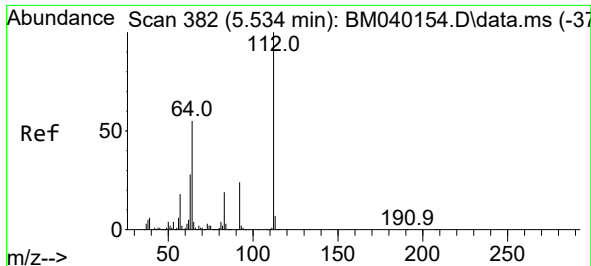
Tgt Ion: 79 Resp: 885364
 Ion Ratio Lower Upper
 79 100
 52 63.0 52.8 79.2
 51 31.5 26.2 39.4



#4
 n-Nitrosodimethylamine
 Concen: 35.023 ng
 RT: 3.716 min Scan# 73
 Delta R.T. -0.000 min
 Lab File: BM040196.D
 Acq: 09 Jun 2023 17:56

Tgt Ion: 42 Resp: 413059
 Ion Ratio Lower Upper
 42 100
 74 153.3 113.0 169.4
 44 7.1 5.8 8.6

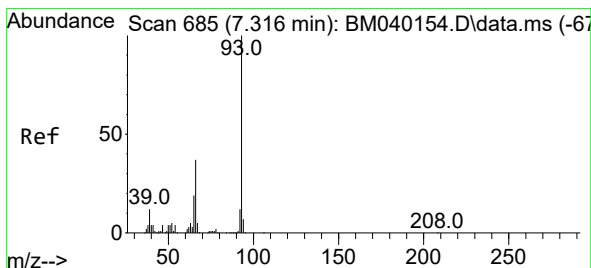
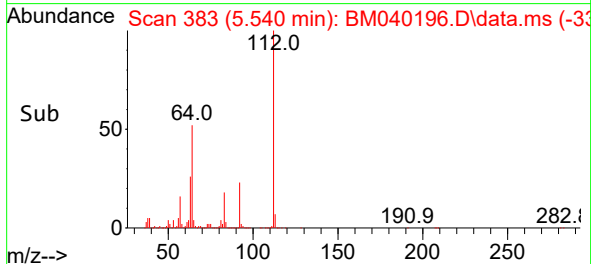
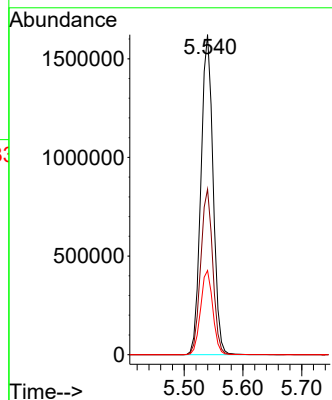
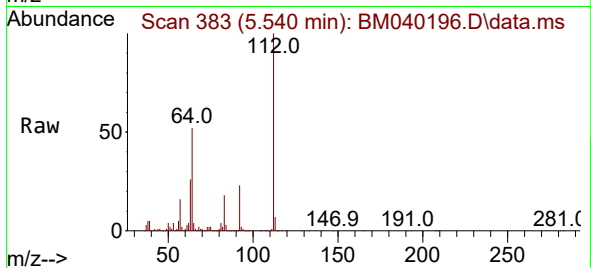




#5
2-Fluorophenol
Concen: 91.146 ng
RT: 5.540 min Scan# 382
Delta R.T. 0.006 min
Lab File: BM040196.D
Acq: 09 Jun 2023 17:56

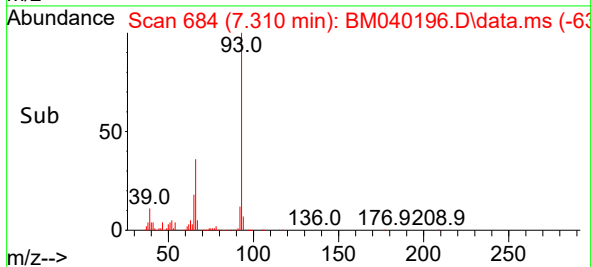
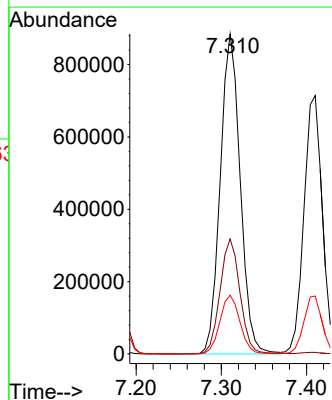
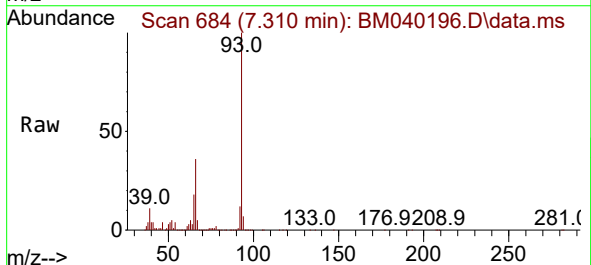
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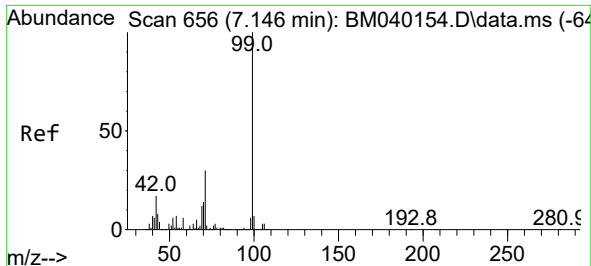
Tgt Ion:112 Resp: 2327789
Ion Ratio Lower Upper
112 100
64 51.7 43.8 65.6
63 26.3 22.8 34.2



#6
Aniline
Concen: 34.150 ng
RT: 7.310 min Scan# 684
Delta R.T. -0.006 min
Lab File: BM040196.D
Acq: 09 Jun 2023 17:56

Tgt Ion: 93 Resp: 1440342
Ion Ratio Lower Upper
93 100
66 35.9 29.4 44.0
65 18.4 15.3 22.9

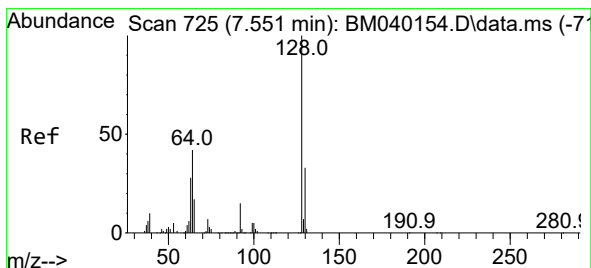
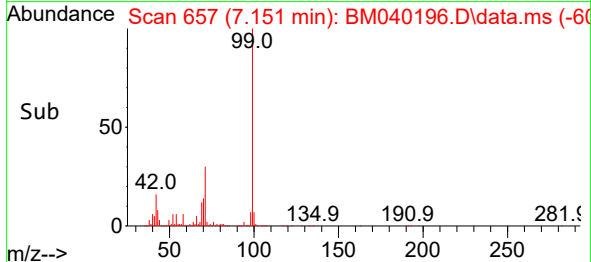
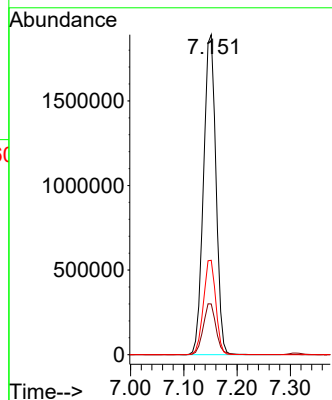
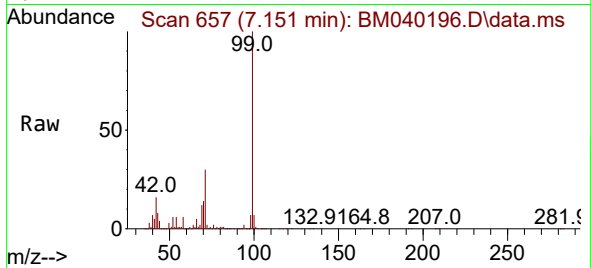




#7
Phenol-d6
Concen: 87.789 ng
RT: 7.151 min Scan# 657
Delta R.T. 0.006 min
Lab File: BM040196.D
Acq: 09 Jun 2023 17:56

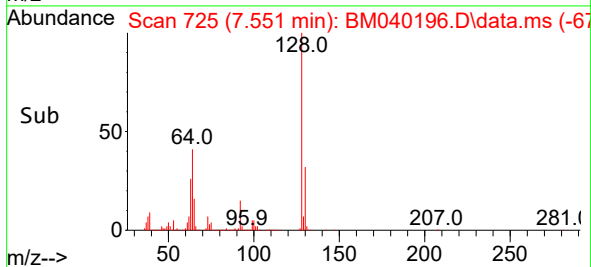
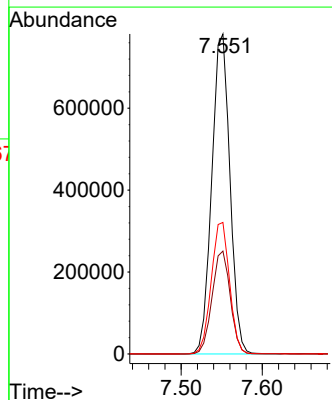
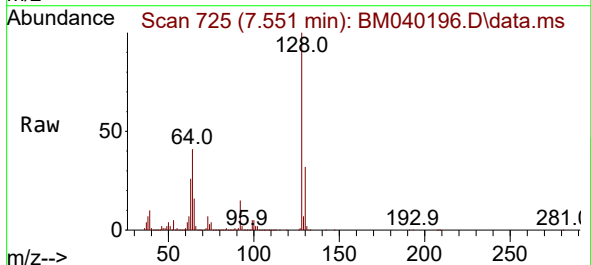
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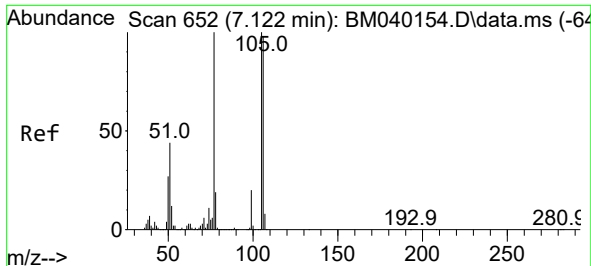
Tgt Ion: 99 Resp: 3059380
Ion Ratio Lower Upper
99 100
42 15.9 13.4 20.2
71 29.5 24.3 36.5



#8
2-Chlorophenol
Concen: 44.868 ng
RT: 7.551 min Scan# 725
Delta R.T. 0.000 min
Lab File: BM040196.D
Acq: 09 Jun 2023 17:56

Tgt Ion: 128 Resp: 1211577
Ion Ratio Lower Upper
128 100
130 32.2 12.6 52.6
64 41.1 23.8 63.8

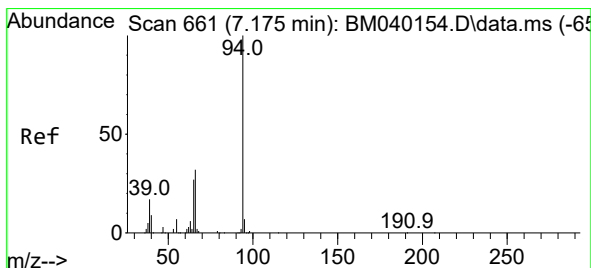
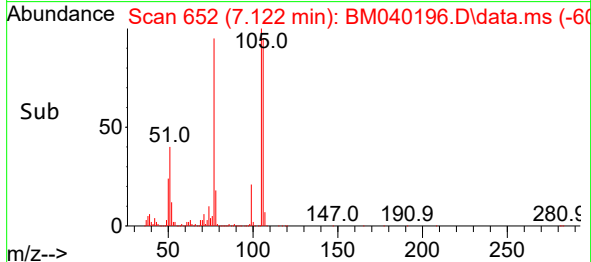
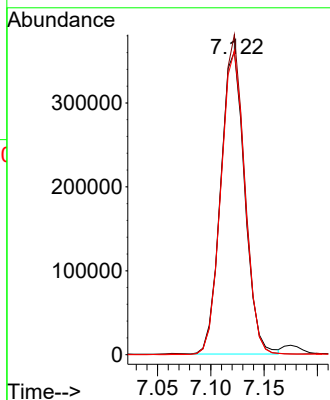
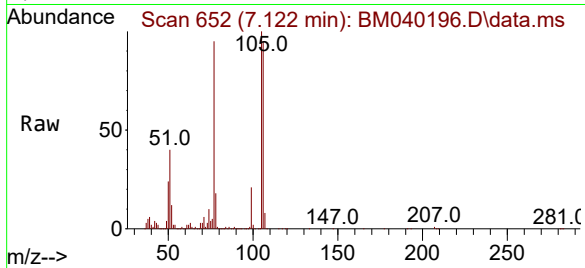




#9
Benzaldehyde
Concen: 30.644 ng
RT: 7.122 min Scan# 652
Delta R.T. 0.000 min
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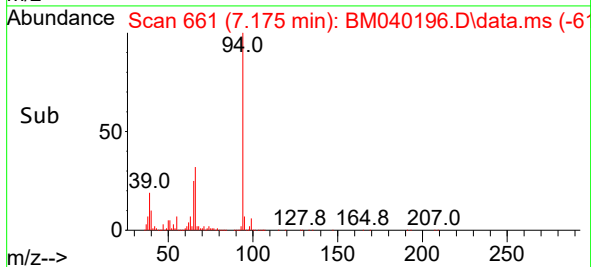
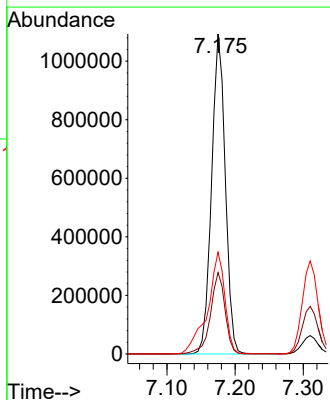
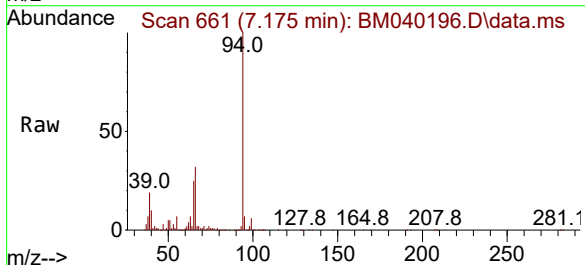
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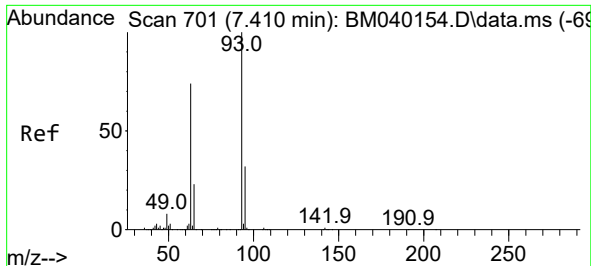
Tgt Ion: 77 Resp: 568683
Ion Ratio Lower Upper
77 100
105 105.6 79.8 119.8
106 100.4 77.4 117.4



#10
Phenol
Concen: 44.666 ng
RT: 7.175 min Scan# 661
Delta R.T. -0.000 min
Lab File: BM040196.D
Acq: 09 Jun 2023 17:56

Tgt Ion: 94 Resp: 1530861
Ion Ratio Lower Upper
94 100
65 25.4 6.9 46.9
66 31.8 12.5 52.5



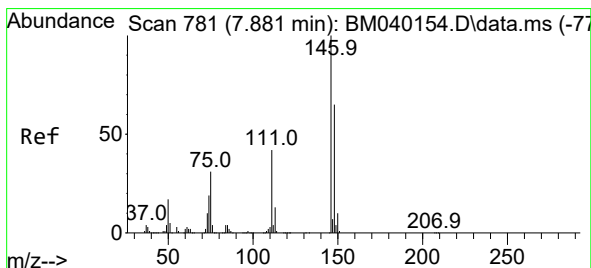
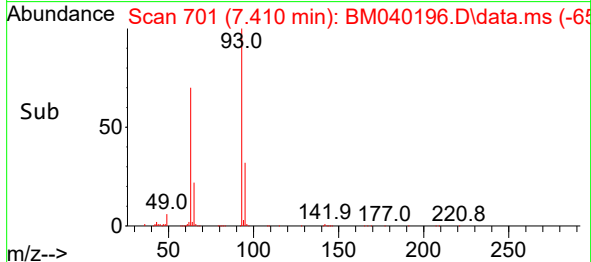
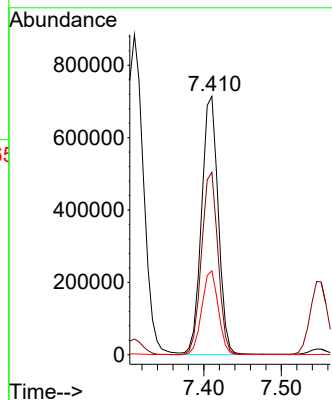
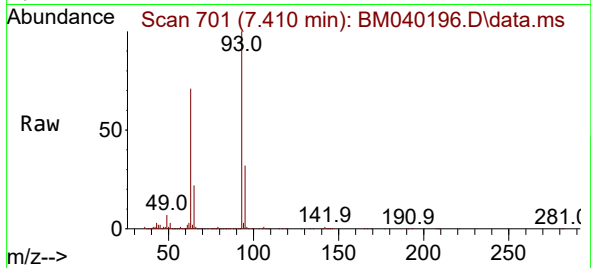


#11
bis(2-Chloroethyl)ether
Concen: 38.720 ng
RT: 7.410 min Scan# 701
Delta R.T. 0.000 min
Lab File: BM040196.D
Acq: 09 Jun 2023 17:56

Instrument :
BNA_M
ClientSampleId :
TP-20-0AMSD

Tgt Ion: 93 Resp: 1069496

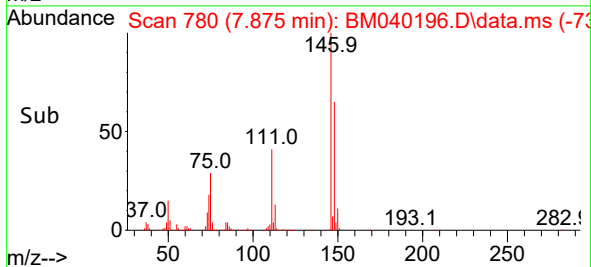
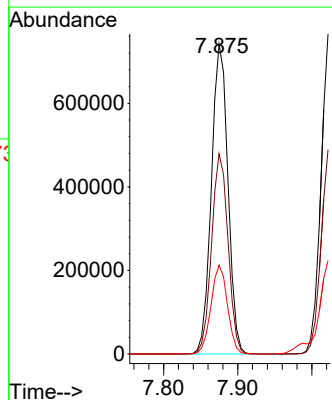
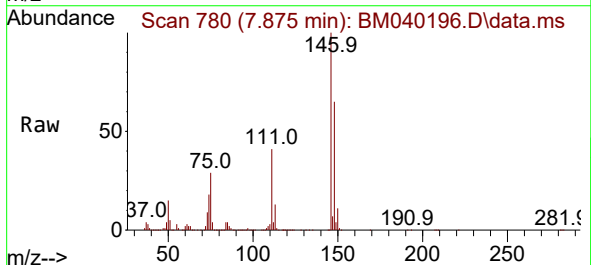
Ion	Ratio	Lower	Upper
93	100		
63	70.6	53.6	93.6
95	32.5	12.1	52.1

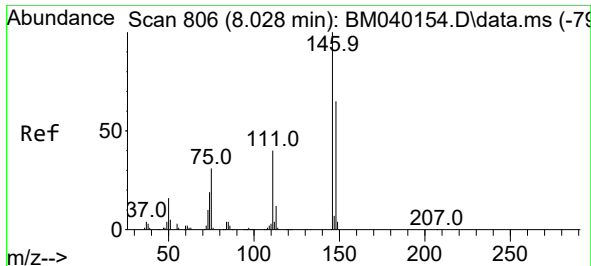


#12
1,3-Dichlorobenzene
Concen: 42.295 ng
RT: 7.875 min Scan# 780
Delta R.T. -0.006 min
Lab File: BM040196.D
Acq: 09 Jun 2023 17:56

Tgt Ion: 146 Resp: 1148173

Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.9	77.9
75	28.6	24.8	37.2





#13

1,4-Dichlorobenzene

Concen: 42.328 ng

RT: 8.022 min Scan# 806

Delta R.T. -0.006 min

Lab File: BM040196.D

Acq: 09 Jun 2023 17:56

Instrument :

BNA_M

ClientSampleId :

TP-20-0AMSD

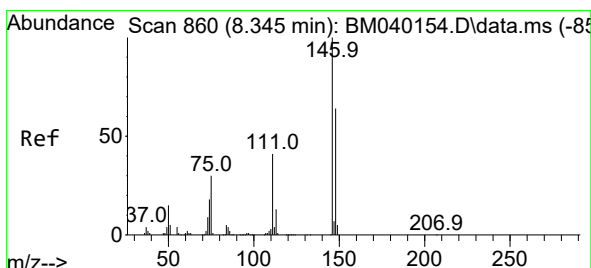
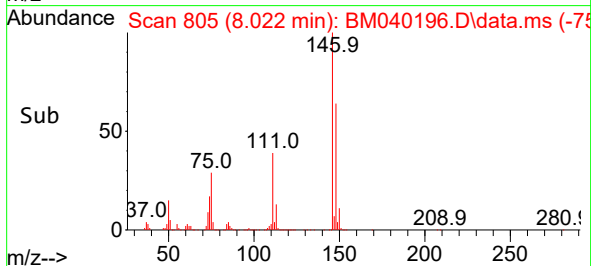
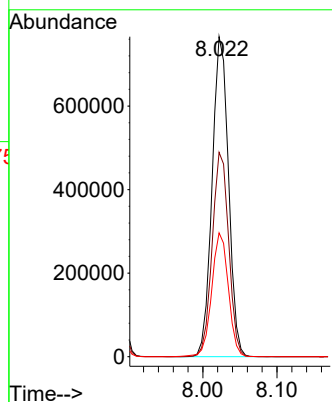
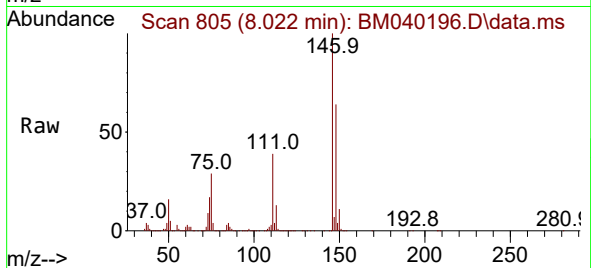
Tgt Ion:146 Resp: 1174077

Ion Ratio Lower Upper

146 100

148 63.9 52.1 78.1

111 38.7 31.9 47.9



#14

1,2-Dichlorobenzene

Concen: 41.896 ng

RT: 8.345 min Scan# 860

Delta R.T. 0.000 min

Lab File: BM040196.D

Acq: 09 Jun 2023 17:56

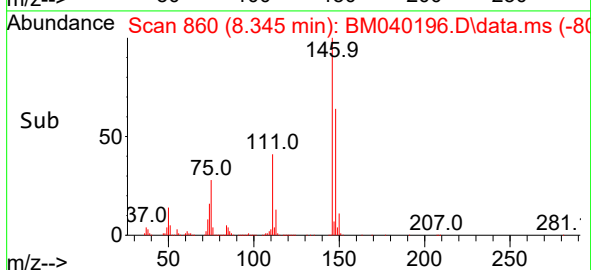
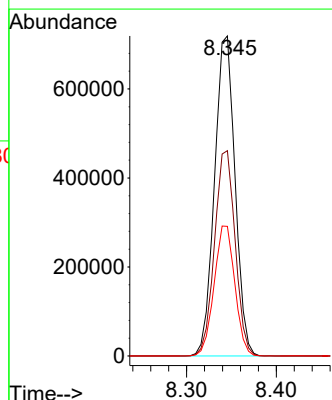
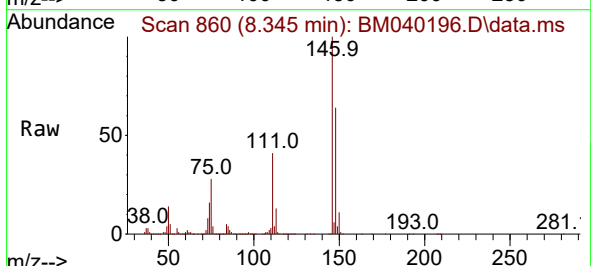
Tgt Ion:146 Resp: 1143667

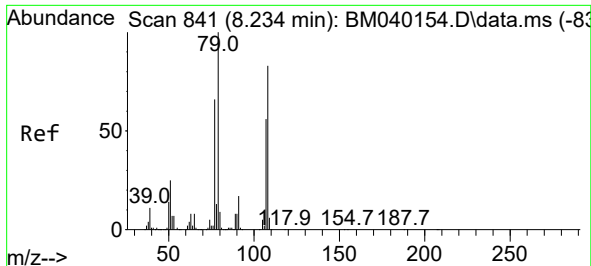
Ion Ratio Lower Upper

146 100

148 64.1 50.9 76.3

111 40.5 33.4 50.0

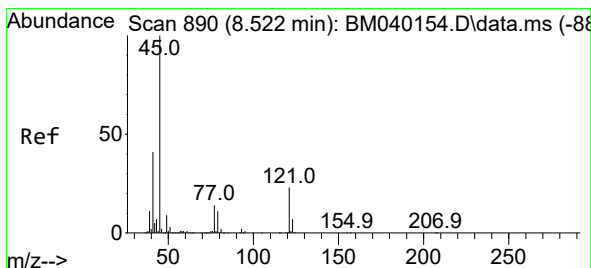
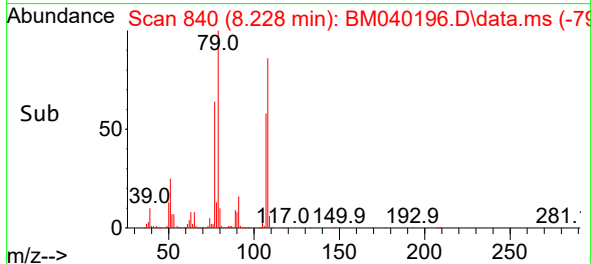
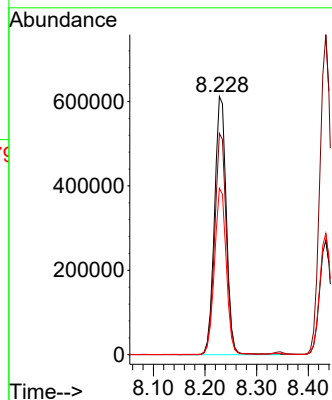
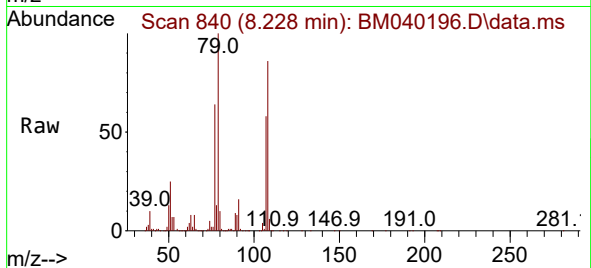




#15
Benzyl Alcohol
Concen: 42.182 ng
RT: 8.228 min Scan# 841
Delta R.T. -0.006 min
Lab File: BM040196.D
Acq: 09 Jun 2023 17:56

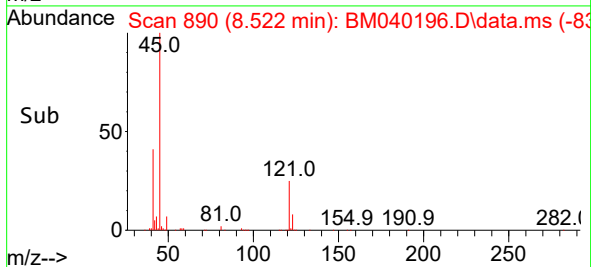
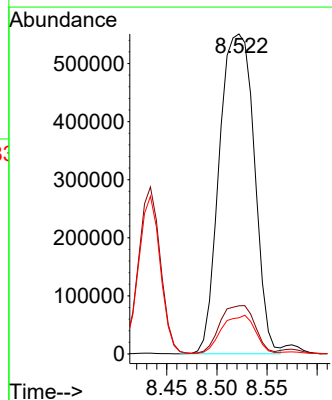
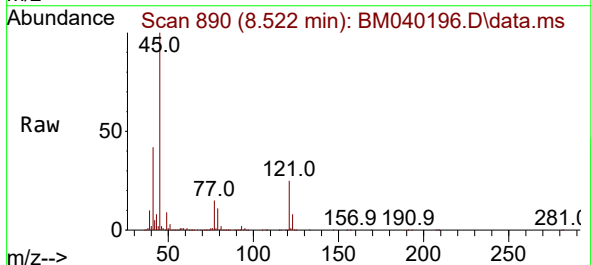
Instrument :
BNA_M
ClientSampleId :
TP-20-0AMSD

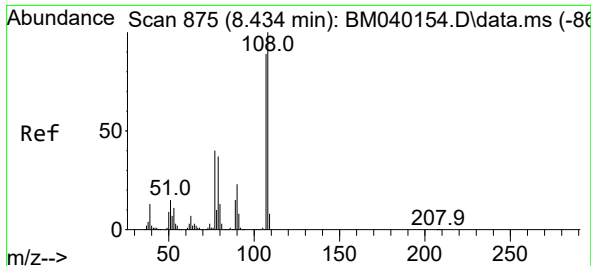
Tgt Ion: 79 Resp: 970143
Ion Ratio Lower Upper
79 100
108 85.7 66.4 99.6
77 64.4 52.6 78.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.971 ng
RT: 8.522 min Scan# 890
Delta R.T. -0.000 min
Lab File: BM040196.D
Acq: 09 Jun 2023 17:56

Tgt Ion: 45 Resp: 1337045
Ion Ratio Lower Upper
45 100
77 15.0 0.0 34.3
79 11.3 0.0 31.2

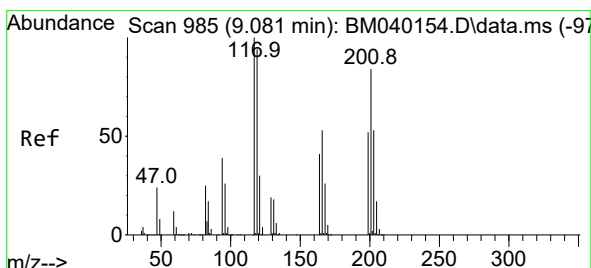
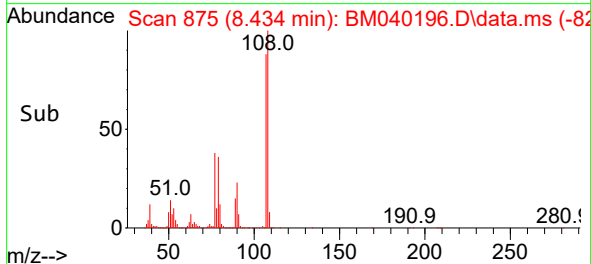
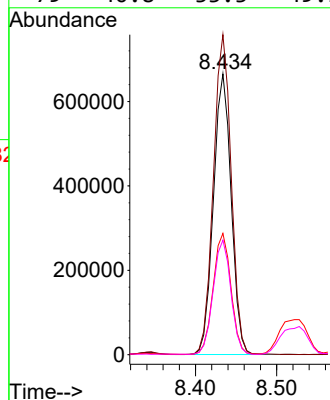
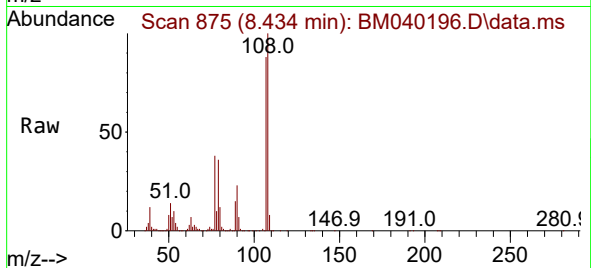




#17
2-Methylphenol
Concen: 41.408 ng
RT: 8.434 min Scan# 81
Delta R.T. -0.000 min
Lab File: BM040196.D
Acq: 09 Jun 2023 17:56

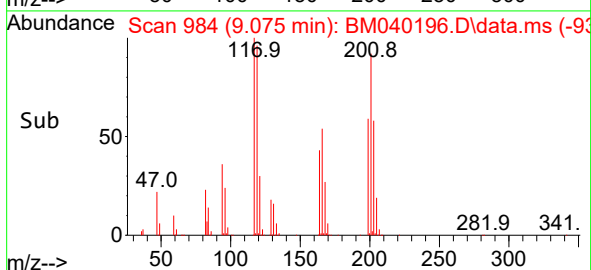
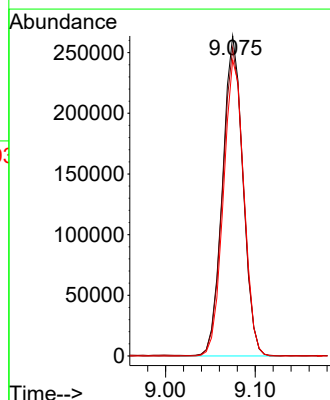
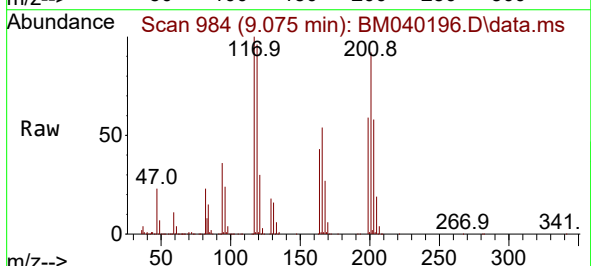
Instrument :
BNA_M
ClientSampleId :
TP-20-0AMSD

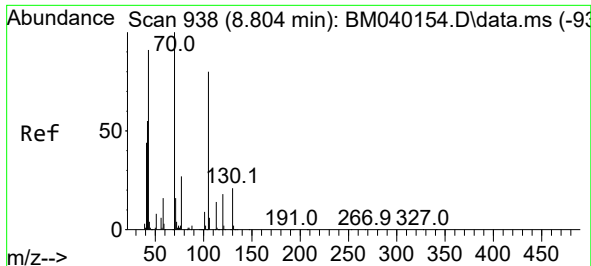
Tgt Ion:107 Resp: 1011226
Ion Ratio Lower Upper
107 100
108 114.0 90.1 135.1
77 43.2 35.8 53.8
79 40.8 33.3 49.9



#18
Hexachloroethane
Concen: 42.077 ng
RT: 9.075 min Scan# 984
Delta R.T. -0.006 min
Lab File: BM040196.D
Acq: 09 Jun 2023 17:56

Tgt Ion:117 Resp: 417895
Ion Ratio Lower Upper
117 100
119 96.3 75.6 113.4
201 92.5 66.9 100.3

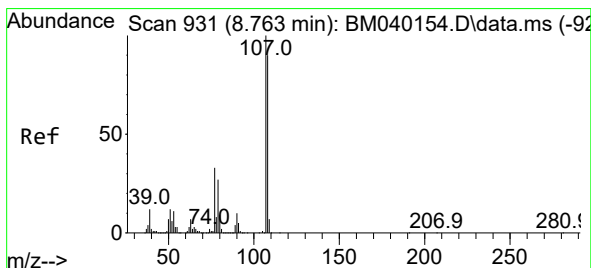
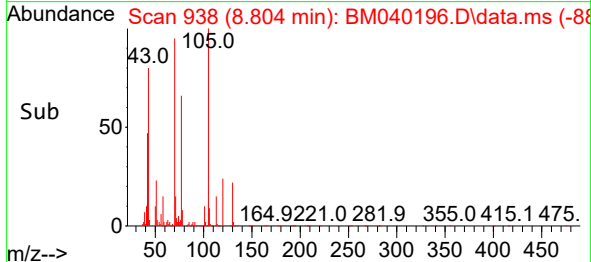
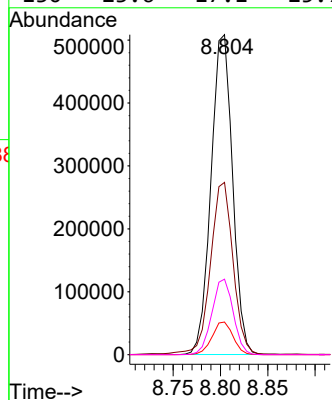
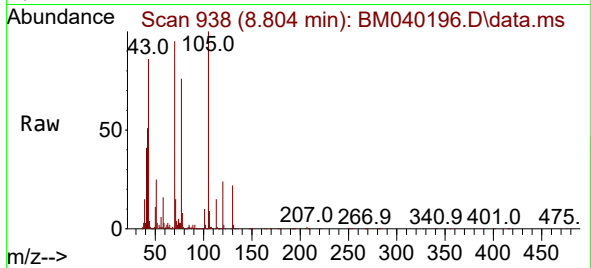




#19
n-Nitroso-di-n-propylamine
Concen: 37.981 ng
RT: 8.804 min Scan# 91
Delta R.T. -0.000 min
Lab File: BM040196.D
Acq: 09 Jun 2023 17:56

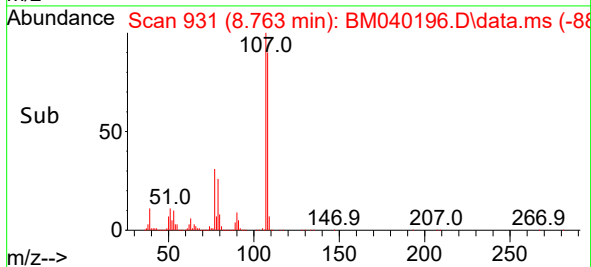
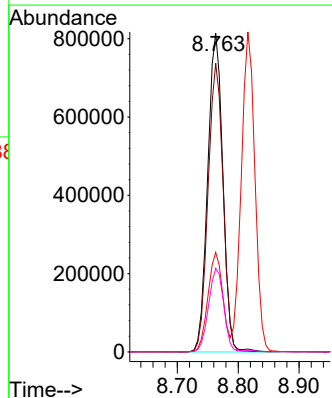
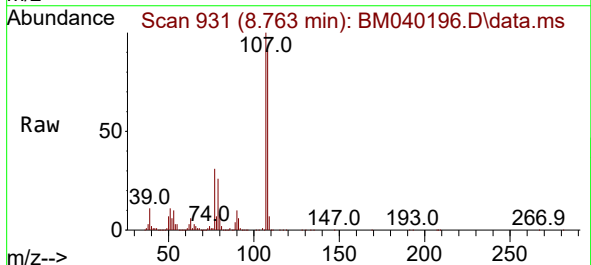
Instrument :
BNA_M
ClientSampleId :
TP-20-0AMSD

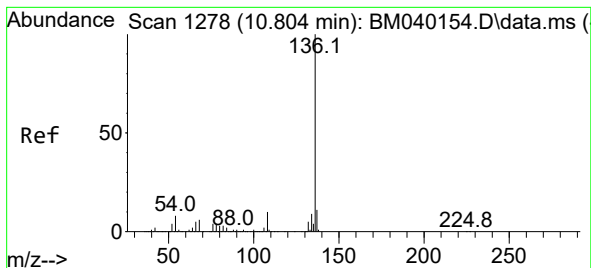
Tgt Ion: 70 Resp: 804167
Ion Ratio Lower Upper
70 100
42 53.8 44.8 67.2
101 10.2 7.5 11.3
130 23.6 17.1 25.7



#20
3+4-Methylphenols
Concen: 42.068 ng
RT: 8.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: BM040196.D
Acq: 09 Jun 2023 17:56

Tgt Ion: 107 Resp: 1402488
Ion Ratio Lower Upper
107 100
108 90.6 69.8 109.8
77 31.3 13.0 53.0
79 26.3 7.2 47.2

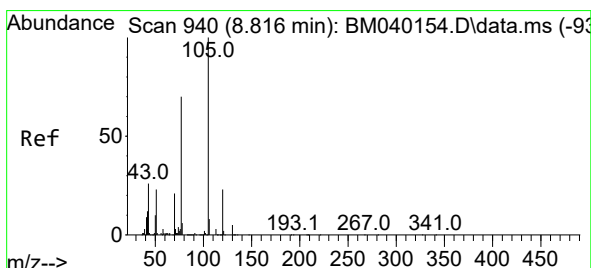
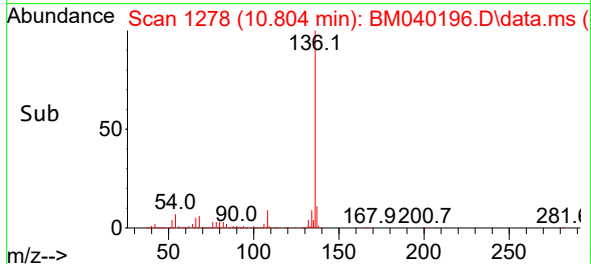
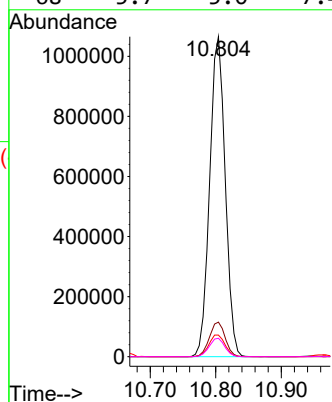
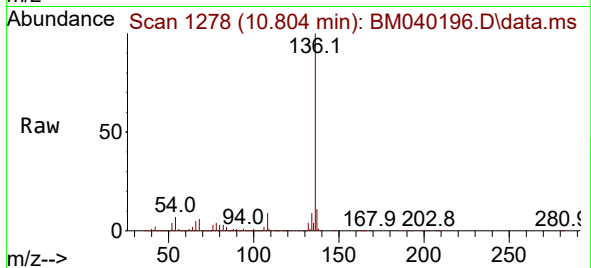




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.804 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM040196.D
Acq: 09 Jun 2023 17:56

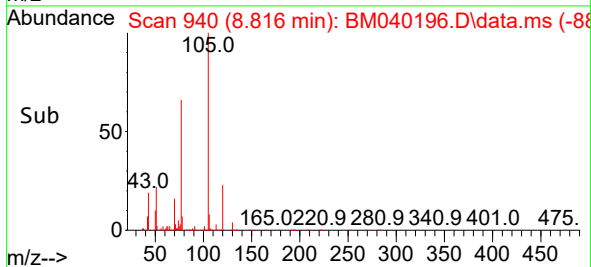
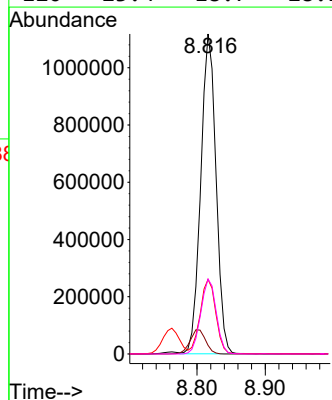
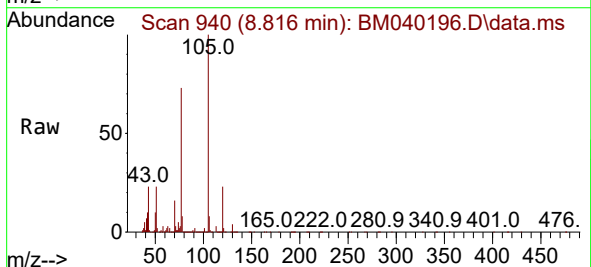
Instrument :
BNA_M
ClientSampleId :
TP-20-0AMSD

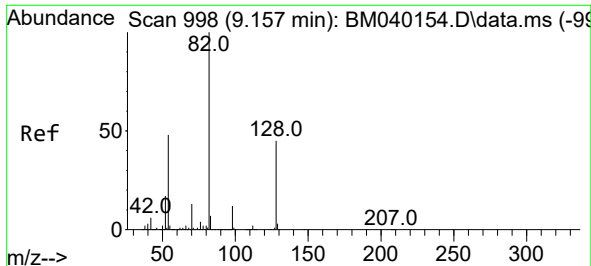
Tgt Ion:136 Resp: 1754745
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 6.8 6.2 9.4
68 5.7 5.0 7.4



#22
Acetophenone
Concen: 37.925 ng
RT: 8.816 min Scan# 940
Delta R.T. -0.000 min
Lab File: BM040196.D
Acq: 09 Jun 2023 17:56

Tgt Ion:105 Resp: 1737942
Ion Ratio Lower Upper
105 100
71 2.7 3.0 4.6#
51 23.3 20.6 31.0
120 23.4 18.7 28.1





#23

Nitrobenzene-d5

Concen: 51.357 ng

RT: 9.157 min Scan# 998

Delta R.T. -0.000 min

Lab File: BM040196.D

Acq: 09 Jun 2023 17:56

Instrument :

BNA_M

ClientSampleId :

TP-20-0AMSD

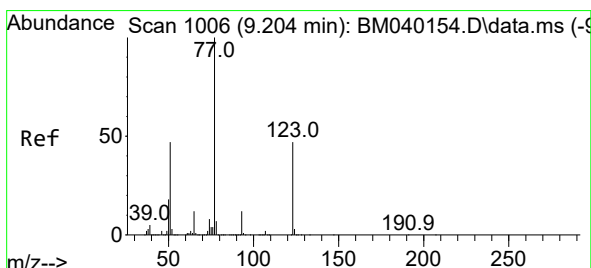
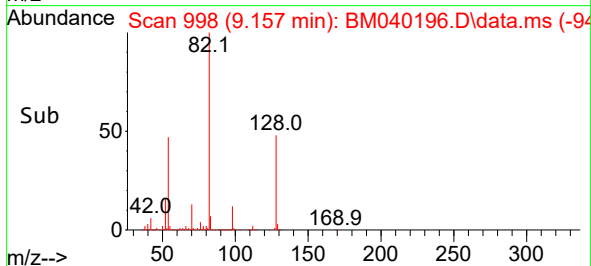
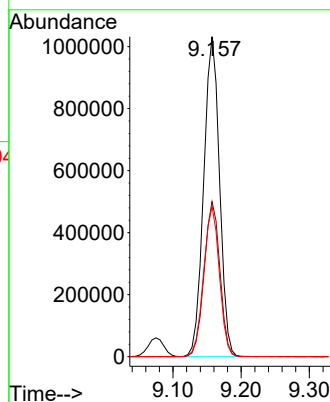
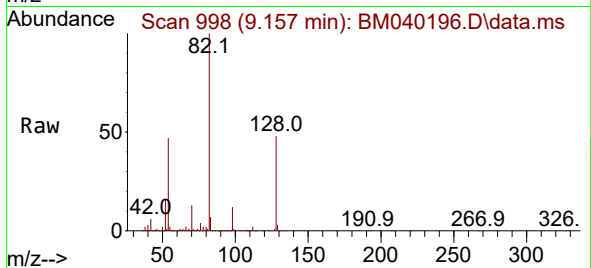
Tgt Ion: 82 Resp: 1664970

Ion Ratio Lower Upper

82 100

128 48.5 36.0 54.0

54 46.9 38.5 57.7



#24

Nitrobenzene

Concen: 36.138 ng

RT: 9.198 min Scan# 1005

Delta R.T. -0.006 min

Lab File: BM040196.D

Acq: 09 Jun 2023 17:56

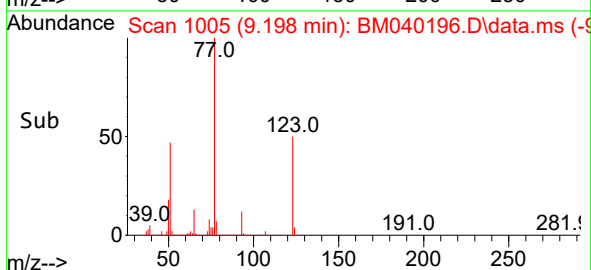
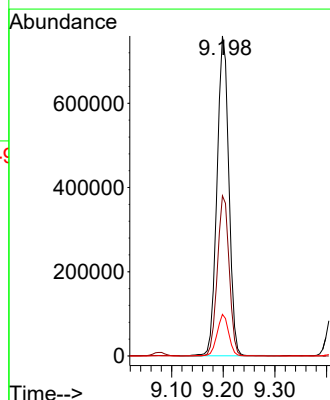
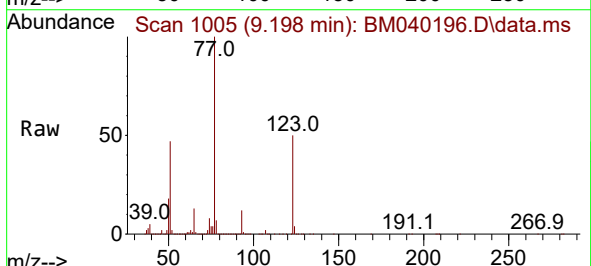
Tgt Ion: 77 Resp: 1205900

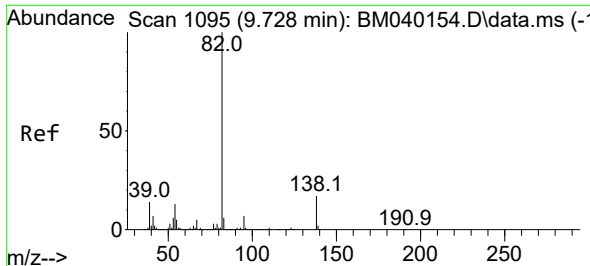
Ion Ratio Lower Upper

77 100

123 50.0 37.5 56.3

65 13.0 10.0 15.0

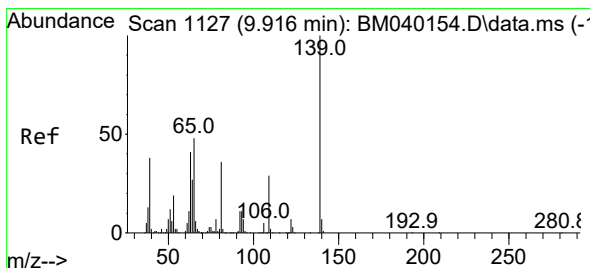
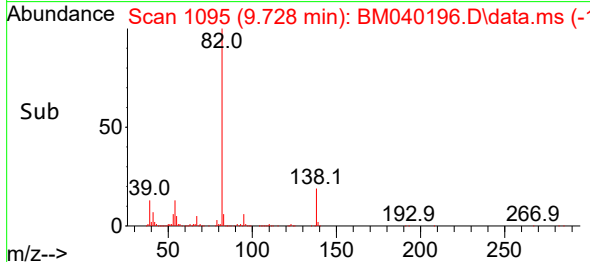
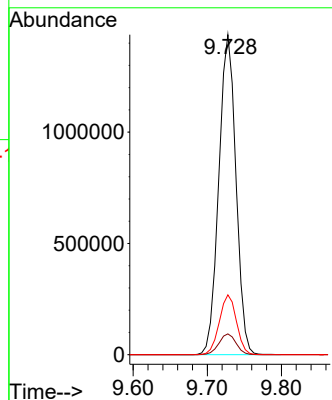
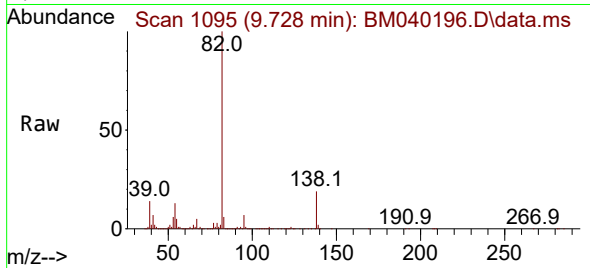




#25
Isophorone
Concen: 37.737 ng
RT: 9.728 min Scan# 1095
Delta R.T. -0.000 min
Lab File: BM040196.D
Acq: 09 Jun 2023 17:56

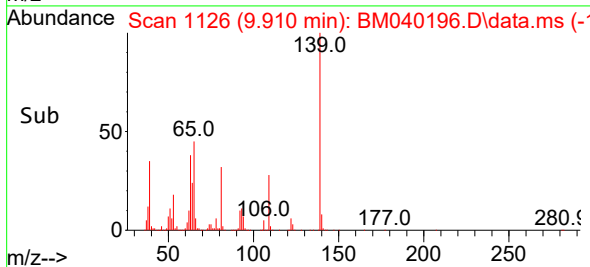
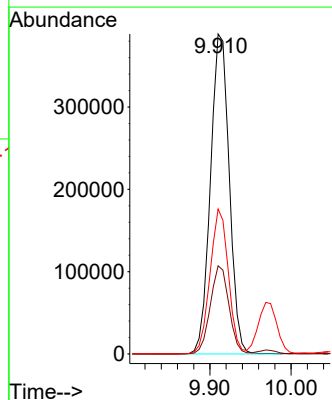
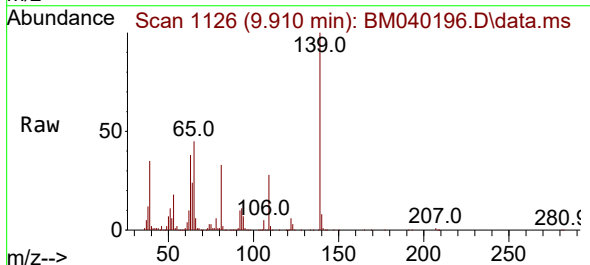
Instrument :
BNA_M
ClientSampleId :
TP-20-0AMSD

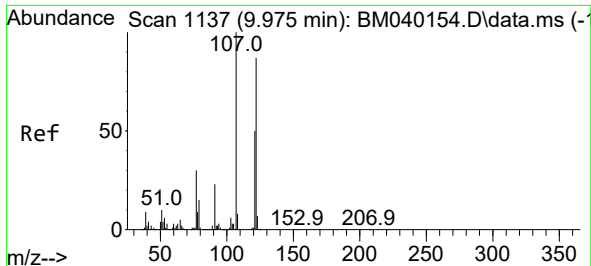
Tgt Ion: 82 Resp: 2310319
Ion Ratio Lower Upper
82 100
95 6.5 5.2 7.8
138 18.7 13.6 20.4



#26
2-Nitrophenol
Concen: 45.048 ng
RT: 9.910 min Scan# 1126
Delta R.T. -0.006 min
Lab File: BM040196.D
Acq: 09 Jun 2023 17:56

Tgt Ion: 139 Resp: 624630
Ion Ratio Lower Upper
139 100
109 27.5 23.2 34.8
65 45.3 38.4 57.6





#27

2,4-Dimethylphenol

Concen: 41.288 ng

RT: 9.975 min Scan# 1137

Delta R.T. -0.000 min

Lab File: BM040196.D

Acq: 09 Jun 2023 17:56

Instrument :

BNA_M

ClientSampleId :

TP-20-0AMSD

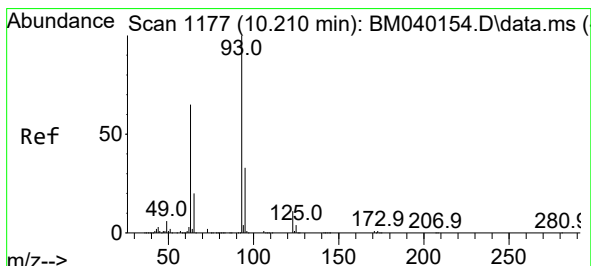
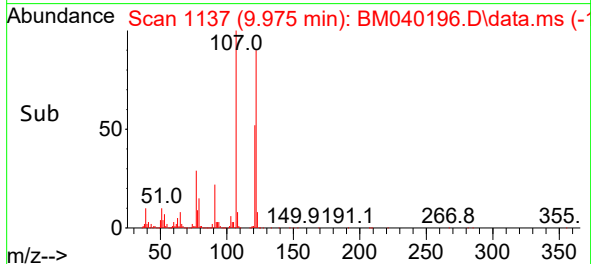
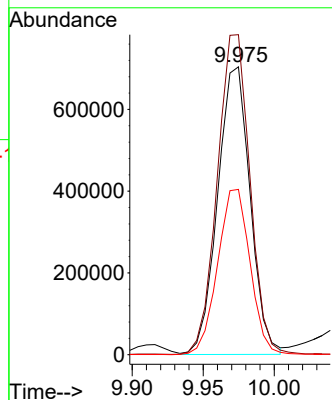
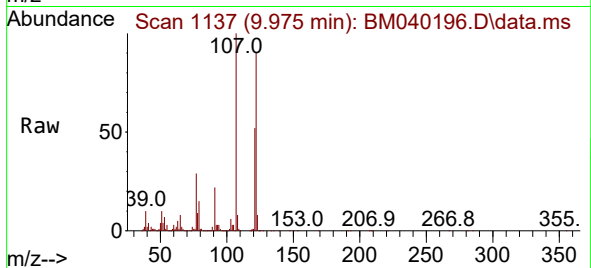
Tgt Ion:122 Resp: 1120112

Ion Ratio Lower Upper

122 100

107 111.1 92.0 138.0

121 57.4 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 37.676 ng

RT: 10.210 min Scan# 1177

Delta R.T. 0.000 min

Lab File: BM040196.D

Acq: 09 Jun 2023 17:56

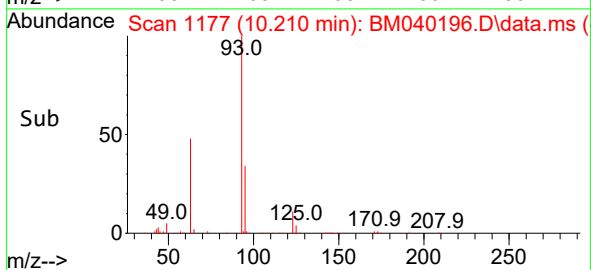
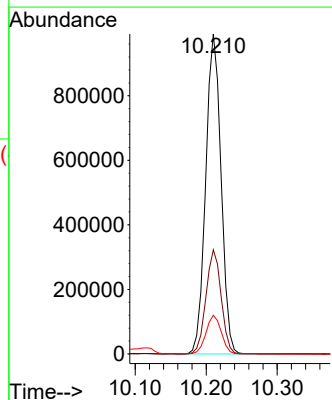
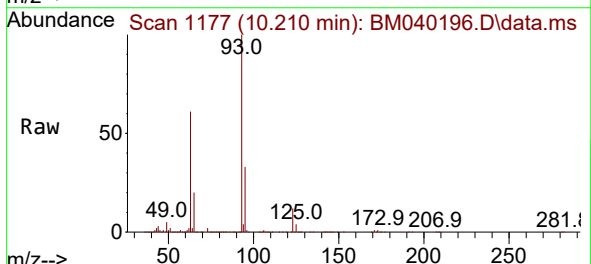
Tgt Ion: 93 Resp: 1489040

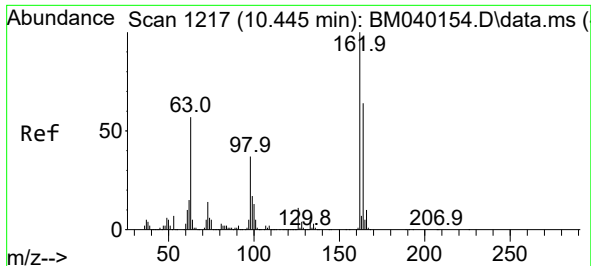
Ion Ratio Lower Upper

93 100

95 32.6 26.1 39.1

123 12.1 9.0 13.6





#29

2,4-Dichlorophenol

Concen: 45.904 ng

RT: 10.445 min Scan# 1217

Delta R.T. -0.000 min

Lab File: BM040196.D

Acq: 09 Jun 2023 17:56

Instrument :

BNA_M

ClientSampleId :

TP-20-0AMSD

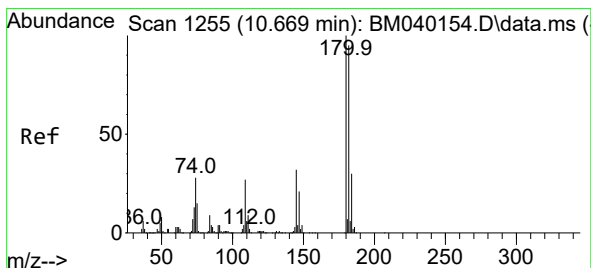
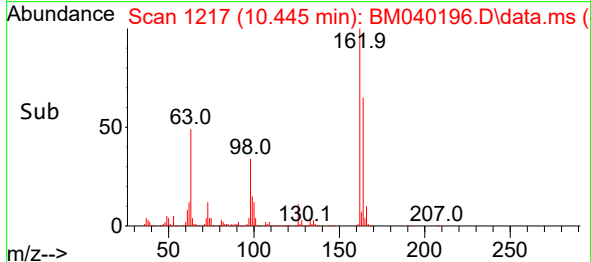
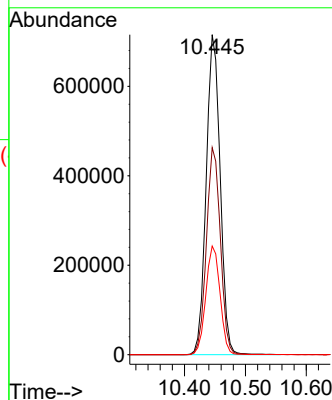
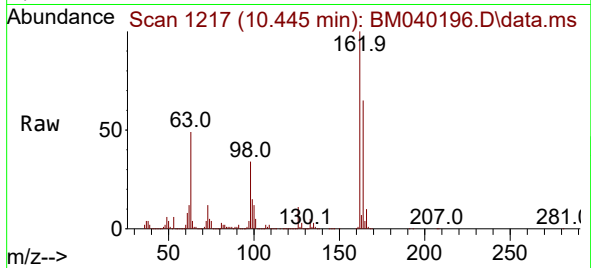
Tgt Ion:162 Resp: 1142233

Ion Ratio Lower Upper

162 100

164 64.7 44.0 84.0

98 34.0 17.3 57.3



#30

1,2,4-Trichlorobenzene

Concen: 42.754 ng

RT: 10.663 min Scan# 1254

Delta R.T. -0.006 min

Lab File: BM040196.D

Acq: 09 Jun 2023 17:56

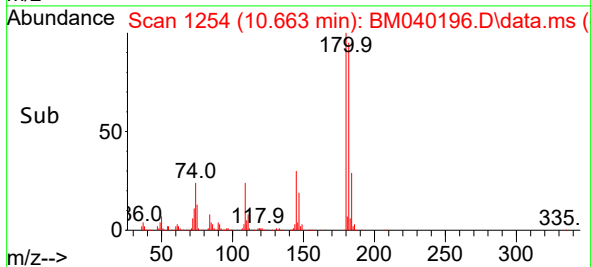
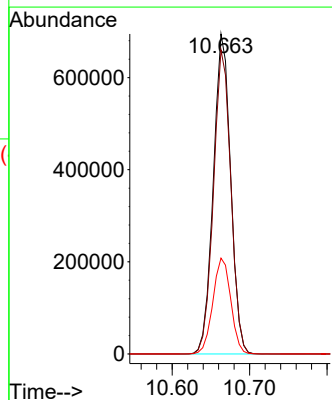
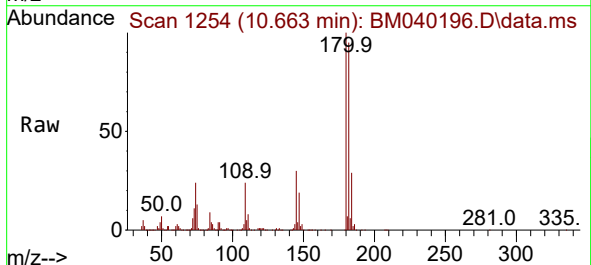
Tgt Ion:180 Resp: 1077628

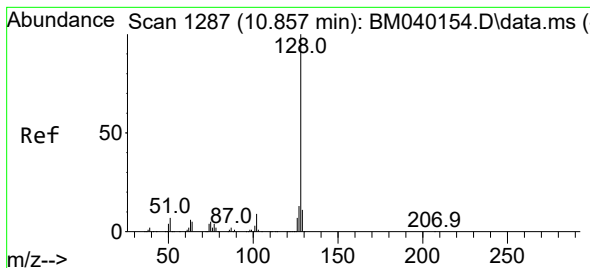
Ion Ratio Lower Upper

180 100

182 95.0 76.1 114.1

145 29.9 25.5 38.3





#31

Naphthalene

Concen: 38.190 ng

RT: 10.851 min Scan# 11

Delta R.T. -0.006 min

Lab File: BM040196.D

Acq: 09 Jun 2023 17:56

Instrument :

BNA_M

ClientSampleId :

TP-20-0AMSD

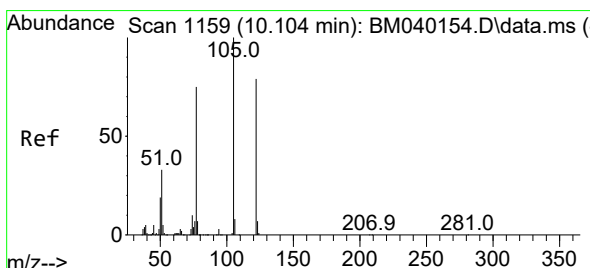
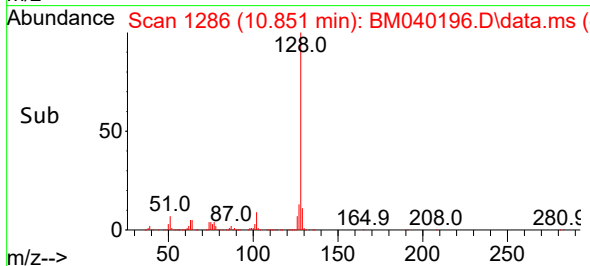
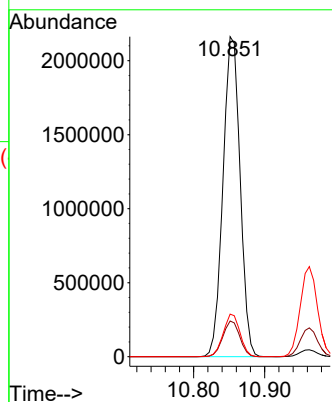
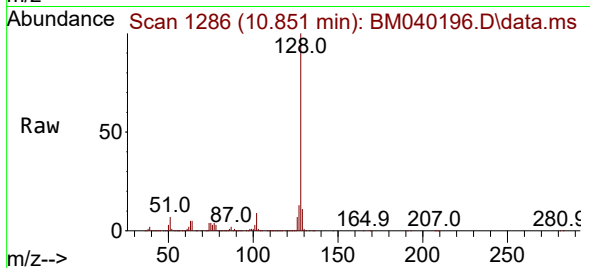
Tgt Ion:128 Resp: 3609518

Ion Ratio Lower Upper

128 100

129 11.2 8.9 13.3

127 13.3 10.5 15.7



#32

Benzoic acid

Concen: 44.384 ng

RT: 10.116 min Scan# 1161

Delta R.T. 0.012 min

Lab File: BM040196.D

Acq: 09 Jun 2023 17:56

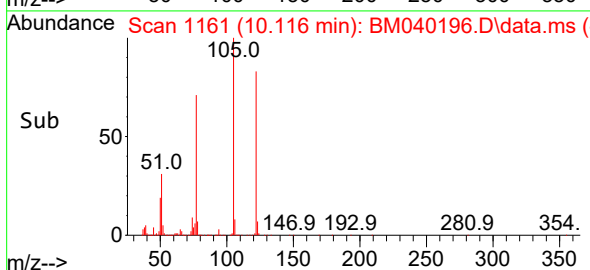
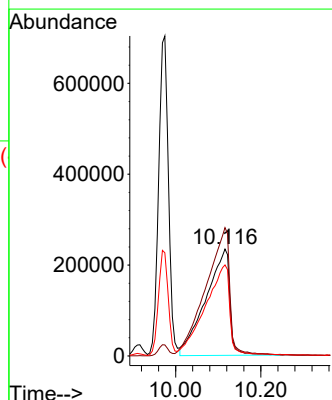
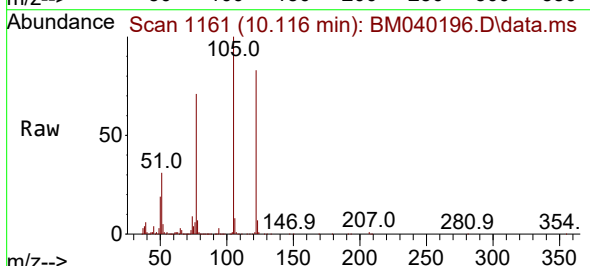
Tgt Ion:122 Resp: 911366

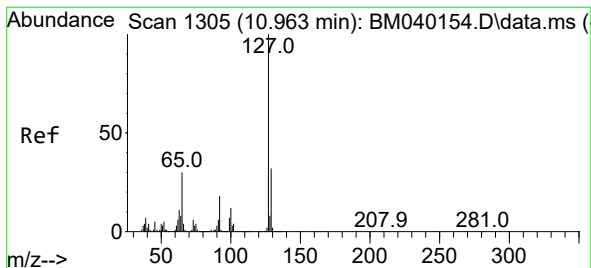
Ion Ratio Lower Upper

122 100

105 120.0 102.7 142.7

77 85.1 73.9 113.9



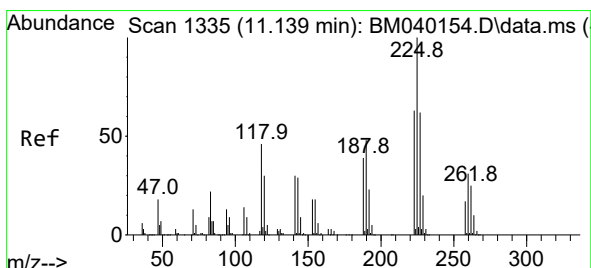
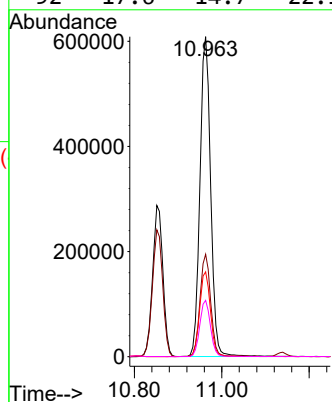
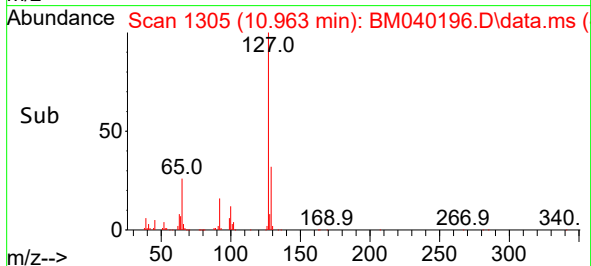
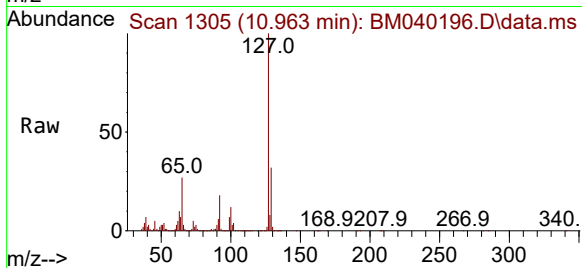


#33
4-Chloroaniline
Concen: 24.636 ng
RT: 10.963 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM040196.D
Acq: 09 Jun 2023 17:56

Instrument :
BNA_M
ClientSampleId :
TP-20-0AMSD

Tgt Ion:127 Resp: 1037036

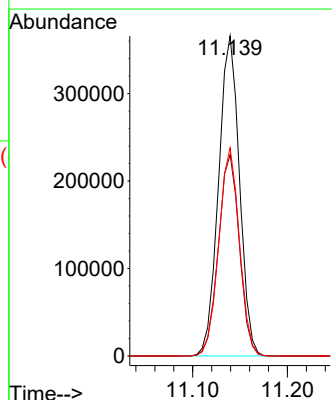
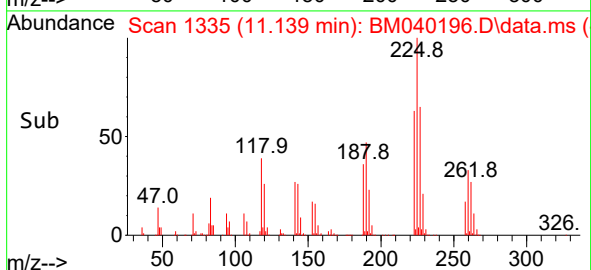
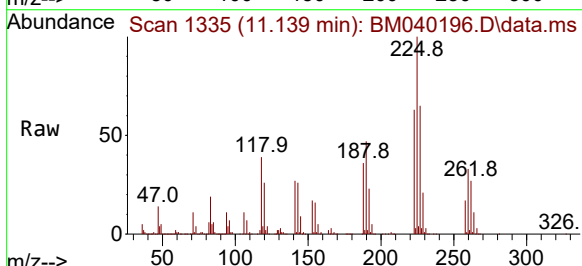
Ion	Ratio	Lower	Upper
127	100		
129	32.0	25.5	38.3
65	26.5	23.7	35.5
92	17.6	14.7	22.1

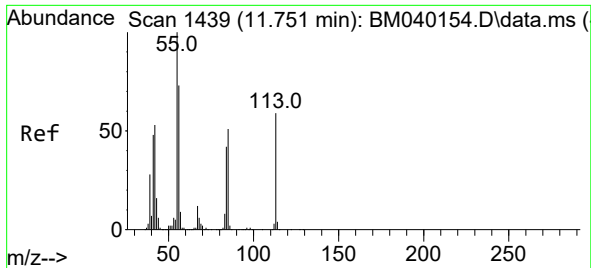


#34
Hexachlorobutadiene
Concen: 42.377 ng
RT: 11.139 min Scan# 1335
Delta R.T. 0.000 min
Lab File: BM040196.D
Acq: 09 Jun 2023 17:56

Tgt Ion:225 Resp: 560273

Ion	Ratio	Lower	Upper
225	100		
223	62.9	50.4	75.6
227	65.1	49.6	74.4

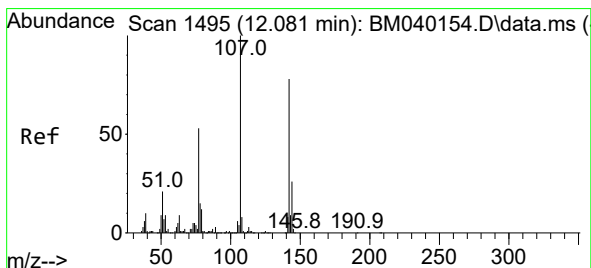
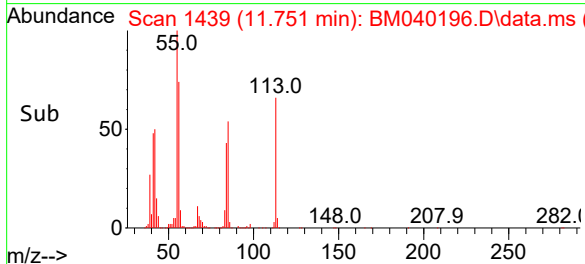
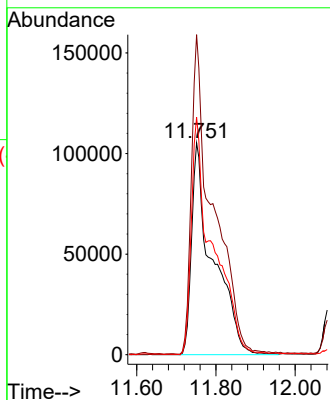
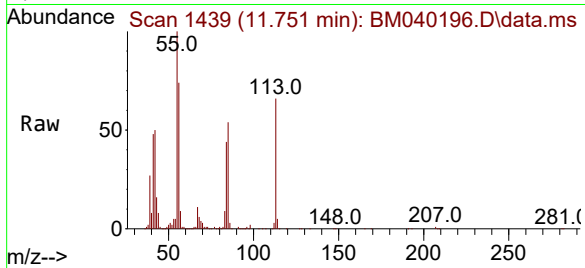




#35
Caprolactam
Concen: 45.616 ng
RT: 11.751 min Scan# 1439
Delta R.T. -0.000 min
Lab File: BM040196.D
Acq: 09 Jun 2023 17:56

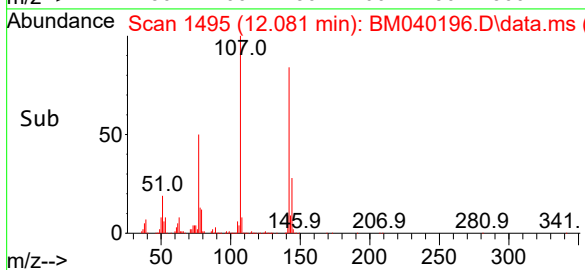
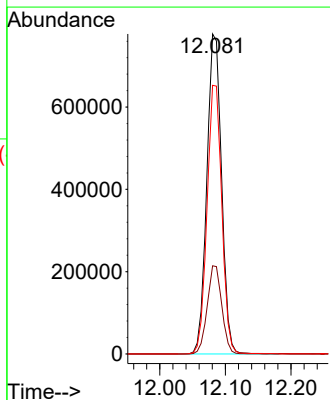
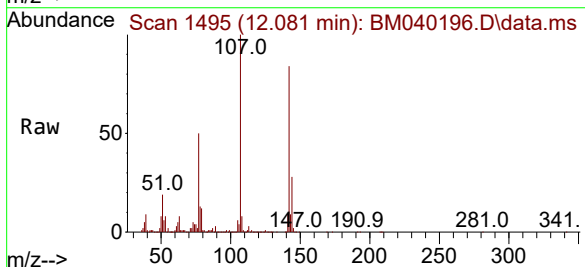
Instrument :
BNA_M
ClientSampleId :
TP-20-0AMSD

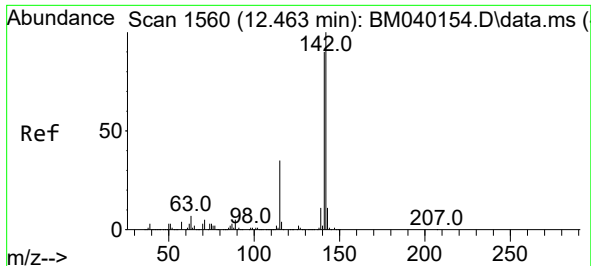
Tgt Ion:113 Resp: 389790
Ion Ratio Lower Upper
113 100
55 151.1 149.3 189.3
56 112.1 104.3 144.3



#36
4-Chloro-3-methylphenol
Concen: 42.060 ng
RT: 12.081 min Scan# 1495
Delta R.T. 0.000 min
Lab File: BM040196.D
Acq: 09 Jun 2023 17:56

Tgt Ion:107 Resp: 1215324
Ion Ratio Lower Upper
107 100
144 27.6 20.5 30.7
142 83.9 62.7 94.1





#37

2-Methylnaphthalene

Concen: 38.465 ng

RT: 12.457 min Scan# 1559

Delta R.T. -0.006 min

Lab File: BM040196.D

Acq: 09 Jun 2023 17:56

Instrument :

BNA_M

ClientSampleId :

TP-20-0AMSD

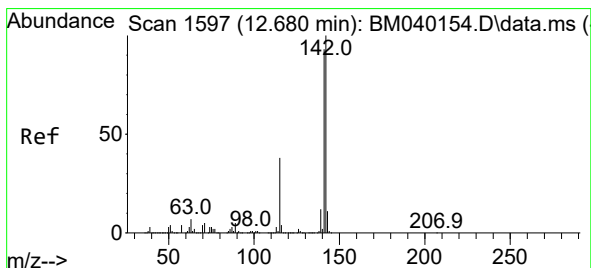
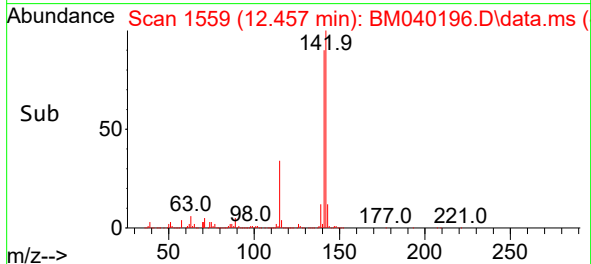
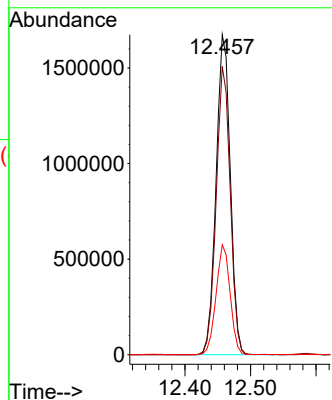
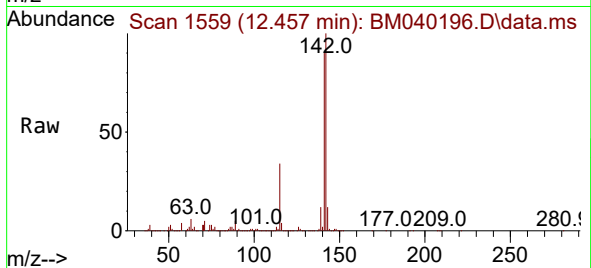
Tgt Ion:142 Resp: 2514016

Ion Ratio Lower Upper

142 100

141 90.0 71.8 107.6

115 34.3 28.2 42.4



#38

1-Methylnaphthalene

Concen: 38.672 ng

RT: 12.675 min Scan# 1596

Delta R.T. -0.006 min

Lab File: BM040196.D

Acq: 09 Jun 2023 17:56

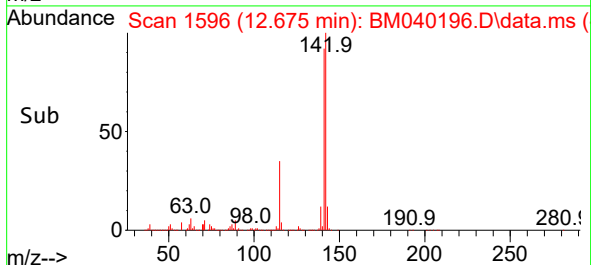
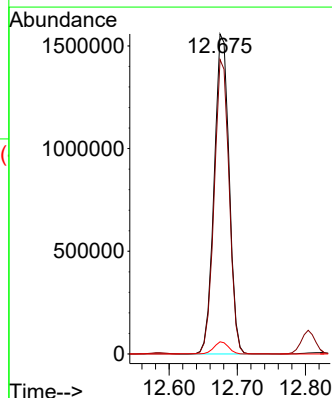
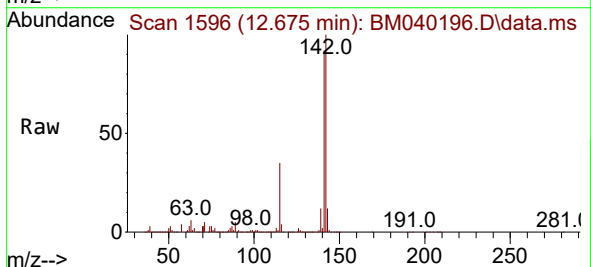
Tgt Ion:142 Resp: 2383527

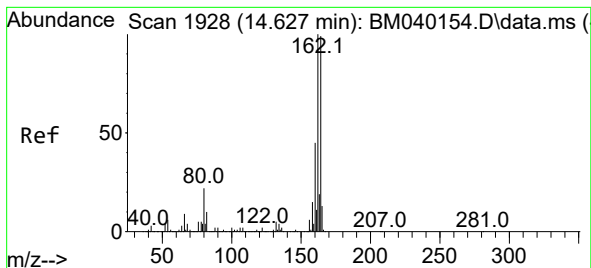
Ion Ratio Lower Upper

142 100

141 92.0 74.2 111.2

116 3.8 3.1 4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.627 min Scan# 1928

Delta R.T. 0.000 min

Lab File: BM040196.D

Acq: 09 Jun 2023 17:56

Instrument :

BNA_M

ClientSampleId :

TP-20-0AMSD

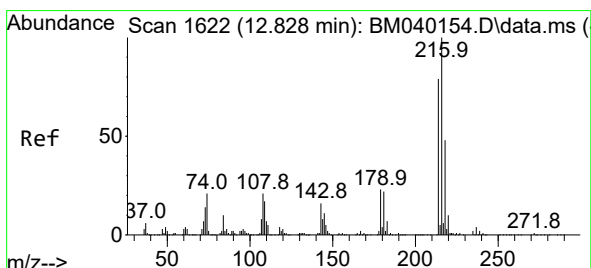
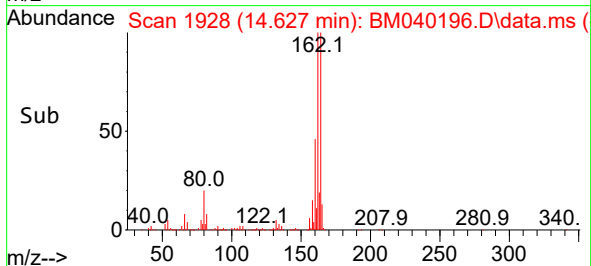
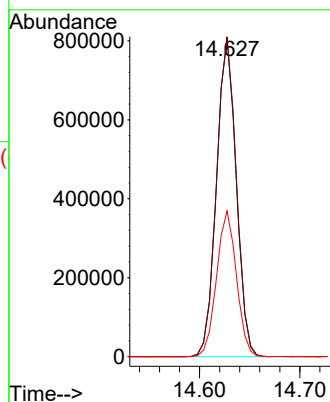
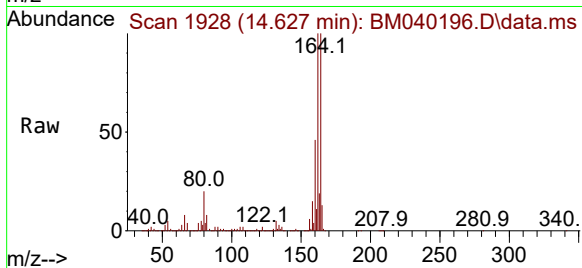
Tgt Ion:164 Resp: 1097934

Ion Ratio Lower Upper

164 100

162 100.5 80.4 120.6

160 45.7 35.9 53.9



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.793 ng

RT: 12.828 min Scan# 1622

Delta R.T. -0.000 min

Lab File: BM040196.D

Acq: 09 Jun 2023 17:56

Tgt Ion:216 Resp: 1187383

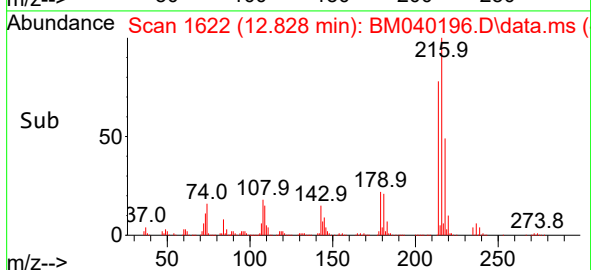
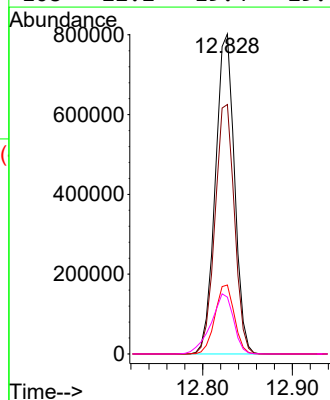
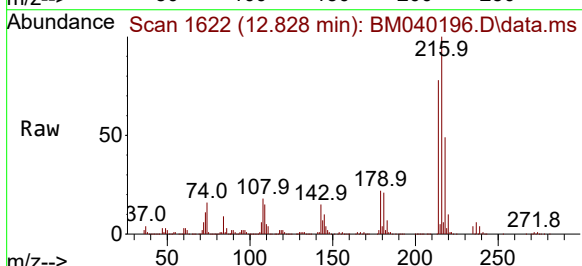
Ion Ratio Lower Upper

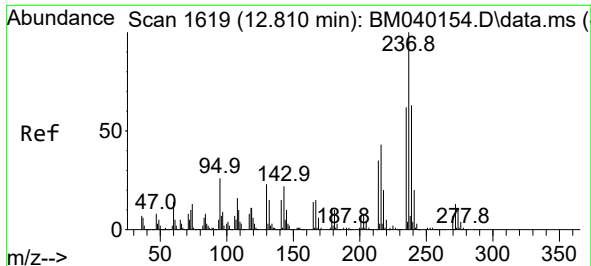
216 100

214 79.0 63.5 95.3

179 21.9 18.3 27.5

108 22.2 19.4 29.0

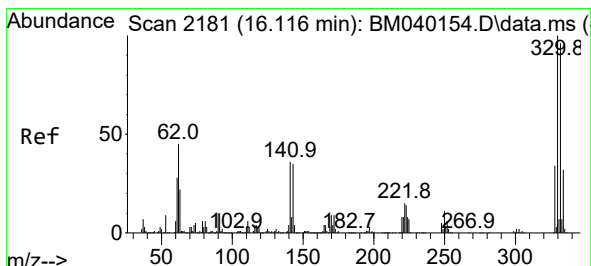
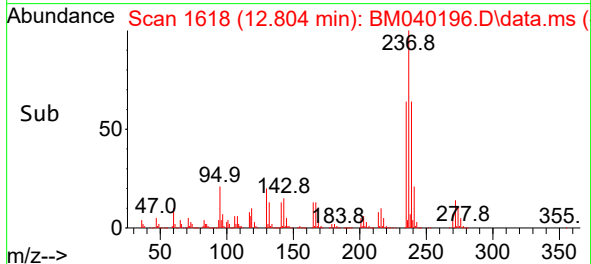
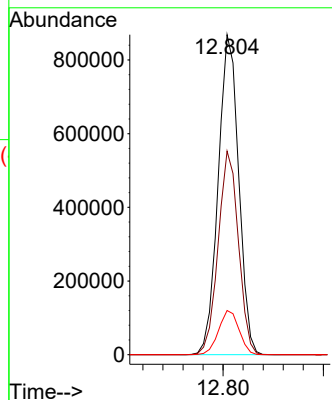
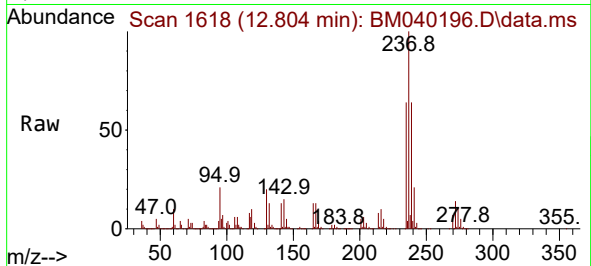




#41
Hexachlorocyclopentadiene
Concen: 81.120 ng
RT: 12.804 min Scan# 1618
Delta R.T. -0.006 min
Lab File: BM040196.D
Acq: 09 Jun 2023 17:56

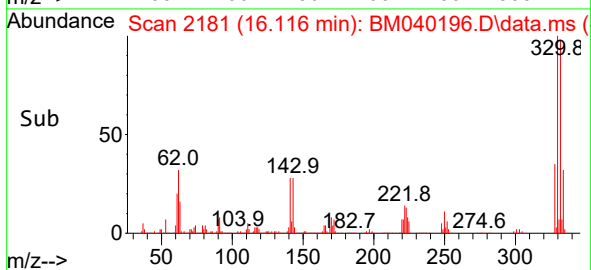
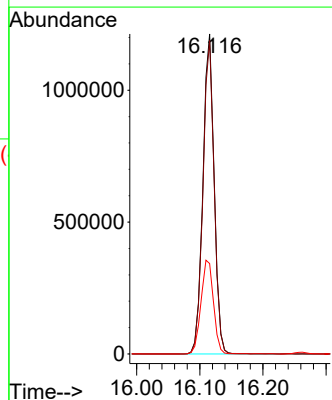
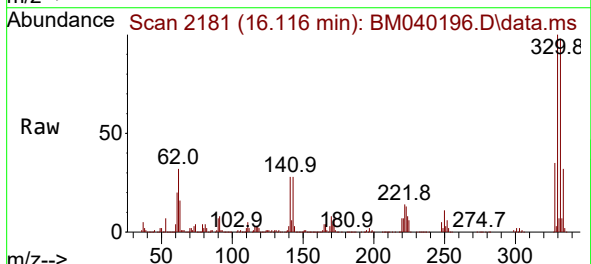
Instrument :
BNA_M
ClientSampleId :
TP-20-0AMSD

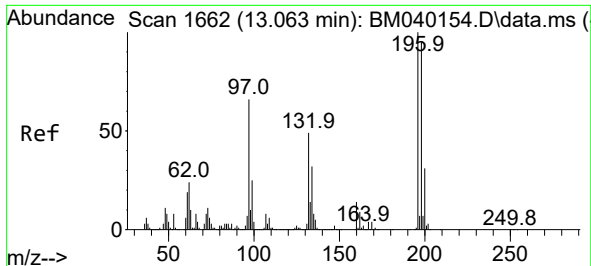
Tgt Ion:237 Resp: 1231227
Ion Ratio Lower Upper
237 100
235 63.6 41.5 81.5
272 13.8 0.0 33.3



#42
2,4,6-Tribromophenol
Concen: 90.953 ng
RT: 16.116 min Scan# 2181
Delta R.T. -0.000 min
Lab File: BM040196.D
Acq: 09 Jun 2023 17:56

Tgt Ion:330 Resp: 1502464
Ion Ratio Lower Upper
330 100
332 97.3 77.1 115.7
141 32.6 31.6 47.4

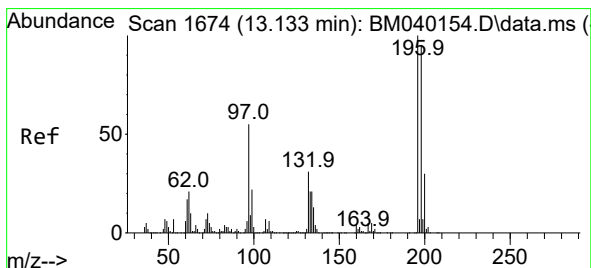
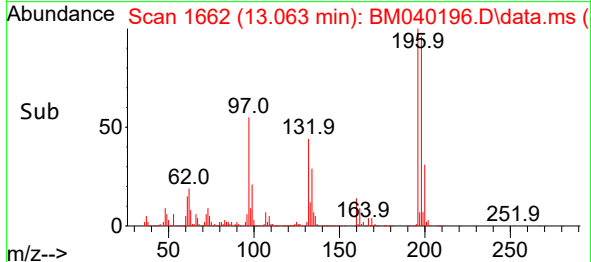
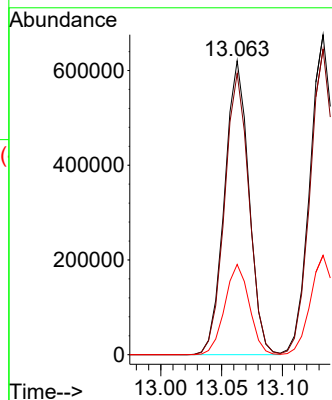
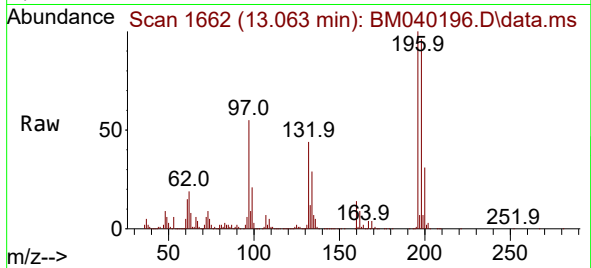




#43
2,4,6-Trichlorophenol
Concen: 43.446 ng
RT: 13.063 min Scan# 1662
Delta R.T. -0.000 min
Lab File: BM040196.D
Acq: 09 Jun 2023 17:56

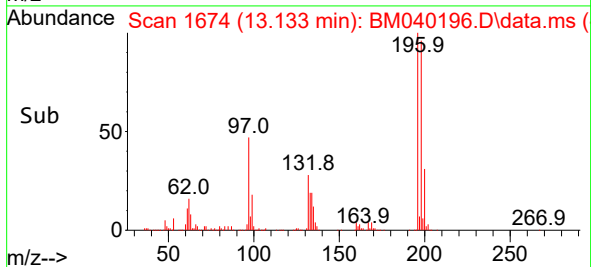
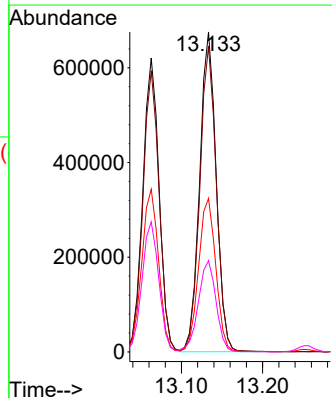
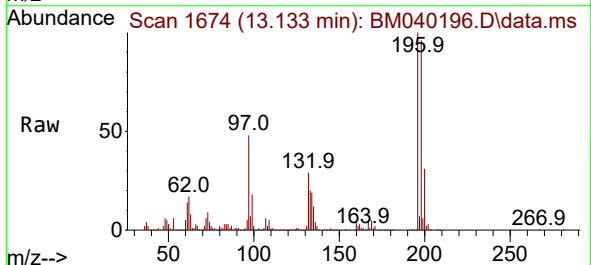
Instrument :
BNA_M
ClientSampleId :
TP-20-0AMSD

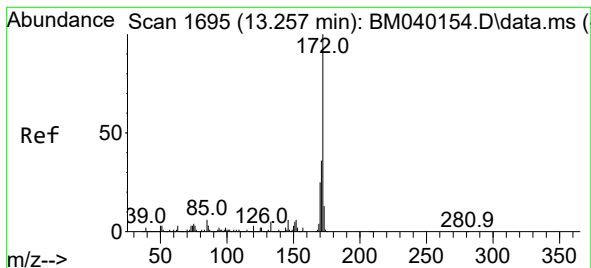
Tgt Ion:196 Resp: 867387
Ion Ratio Lower Upper
196 100
198 95.7 76.4 114.6
200 30.7 24.6 36.8



#44
2,4,5-Trichlorophenol
Concen: 39.699 ng
RT: 13.133 min Scan# 1674
Delta R.T. -0.000 min
Lab File: BM040196.D
Acq: 09 Jun 2023 17:56

Tgt Ion:196 Resp: 956718
Ion Ratio Lower Upper
196 100
198 95.5 76.3 114.5
97 48.0 44.2 66.2
132 28.6 25.3 37.9





#45

2-Fluorobiphenyl

Concen: 49.524 ng

RT: 13.251 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM040196.D

Acq: 09 Jun 2023 17:56

Instrument :

BNA_M

ClientSampleId :

TP-20-0AMSD

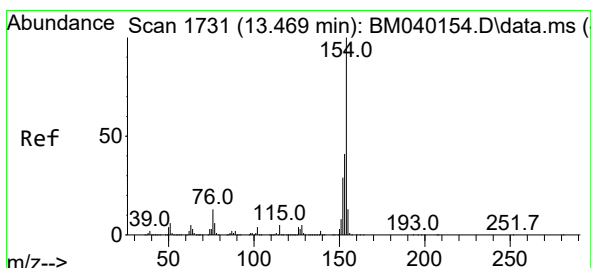
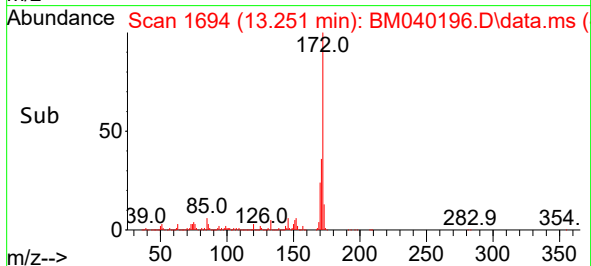
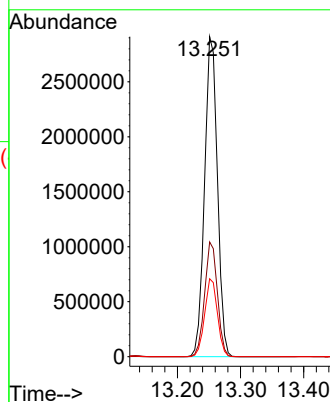
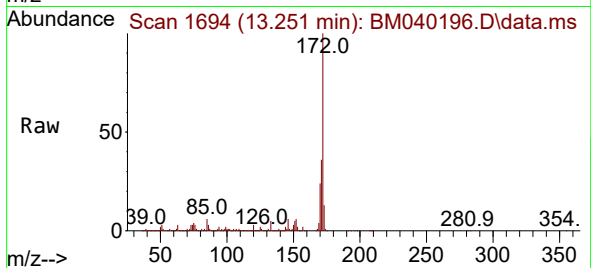
Tgt Ion:172 Resp: 4113899

Ion Ratio Lower Upper

172 100

171 35.8 28.8 43.2

170 24.3 19.8 29.6



#46

1,1'-Biphenyl

Concen: 38.588 ng

RT: 13.463 min Scan# 1730

Delta R.T. -0.006 min

Lab File: BM040196.D

Acq: 09 Jun 2023 17:56

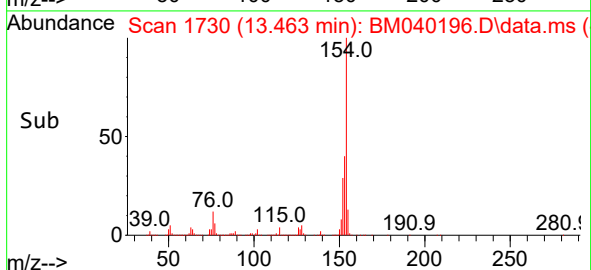
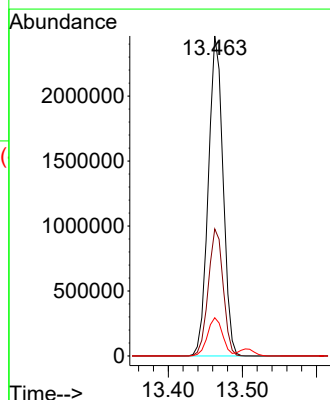
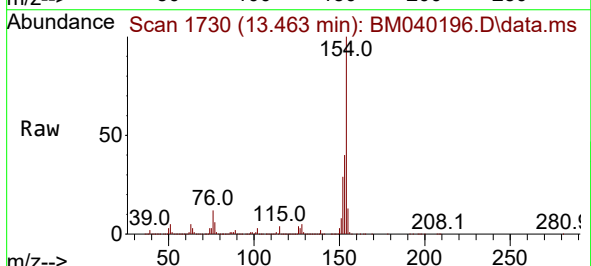
Tgt Ion:154 Resp: 3397156

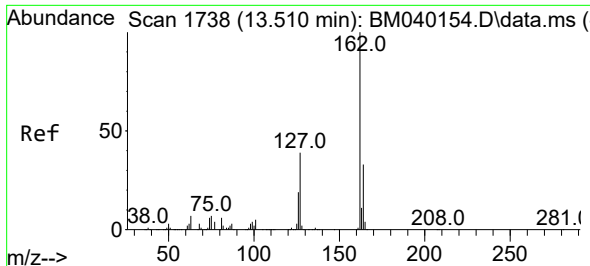
Ion Ratio Lower Upper

154 100

153 39.7 20.6 60.6

76 12.0 0.0 32.7

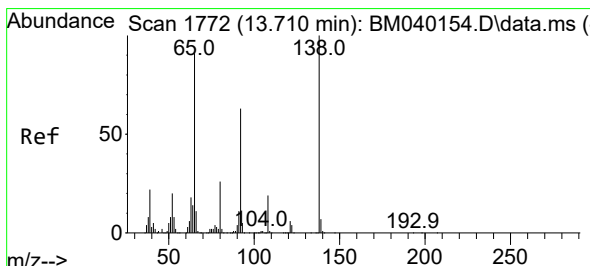
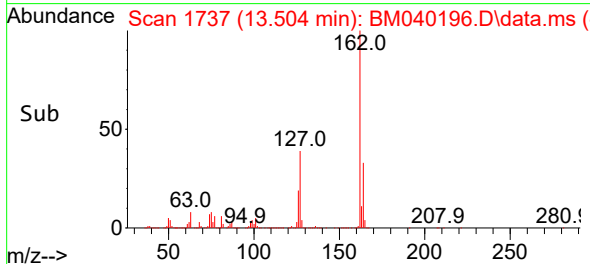
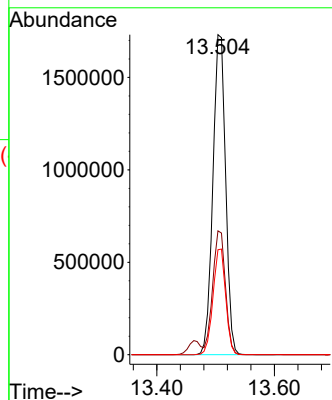
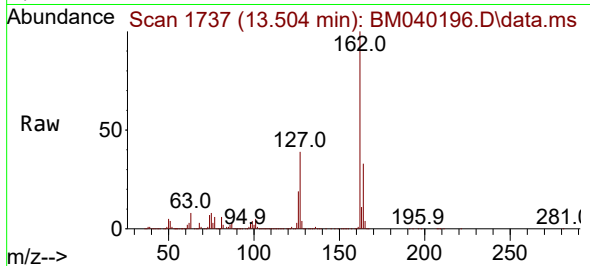




#47
2-Chloronaphthalene
Concen: 39.717 ng
RT: 13.504 min Scan# 1737
Delta R.T. -0.006 min
Lab File: BM040196.D
Acq: 09 Jun 2023 17:56

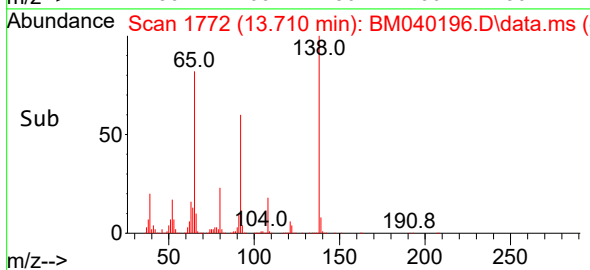
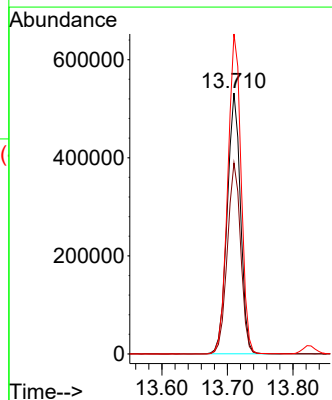
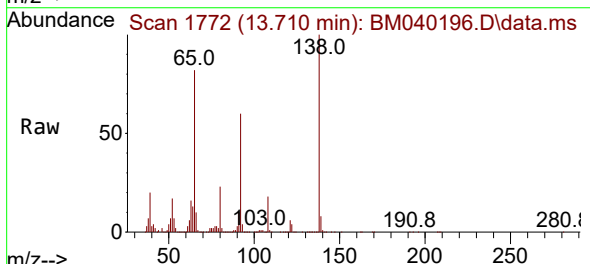
Instrument :
BNA_M
ClientSampleId :
TP-20-0AMSD

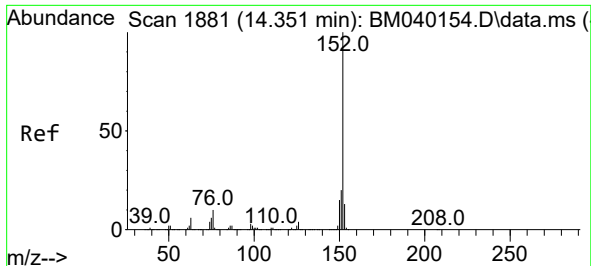
Tgt Ion:162 Resp: 2597512
Ion Ratio Lower Upper
162 100
127 38.7 32.4 48.6
164 32.8 26.3 39.5



#48
2-Nitroaniline
Concen: 38.197 ng
RT: 13.710 min Scan# 1772
Delta R.T. -0.000 min
Lab File: BM040196.D
Acq: 09 Jun 2023 17:56

Tgt Ion: 65 Resp: 749025
Ion Ratio Lower Upper
65 100
92 73.2 56.0 84.0
138 122.6 88.2 132.4

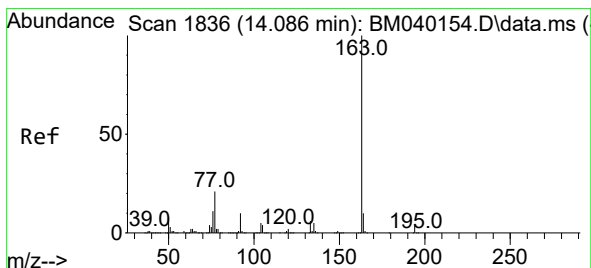
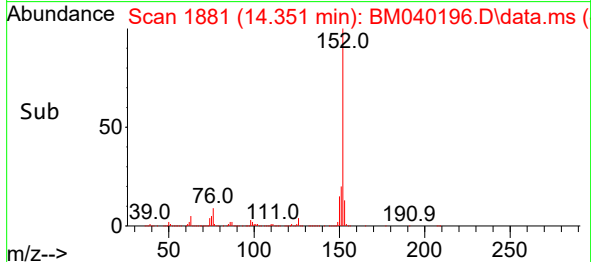
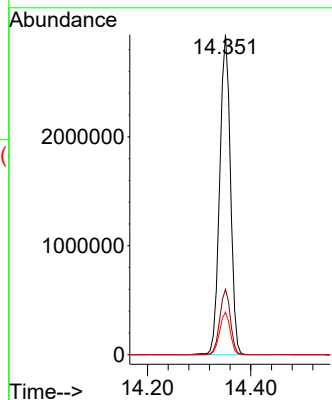
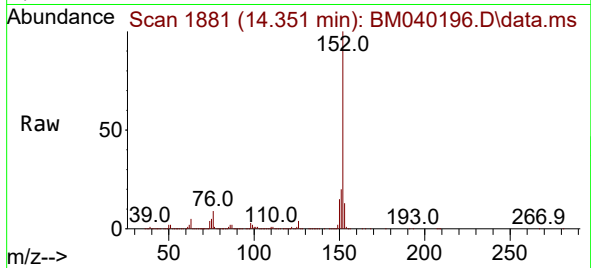




#49
Acenaphthylene
Concen: 39.034 ng
RT: 14.351 min Scan# 1881
Delta R.T. -0.000 min
Lab File: BM040196.D
Acq: 09 Jun 2023 17:56

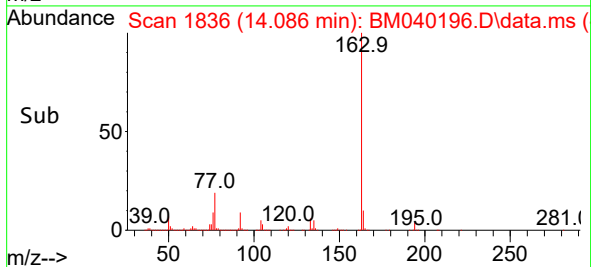
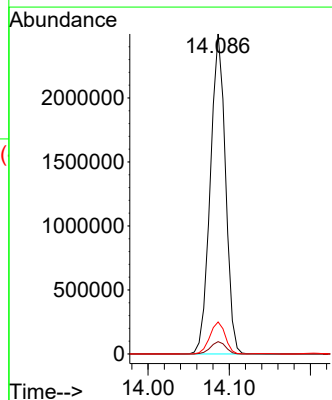
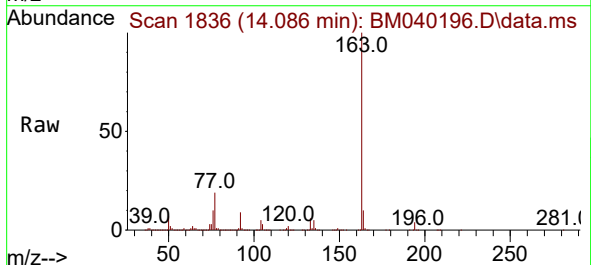
Instrument :
BNA_M
ClientSampleId :
TP-20-0AMSD

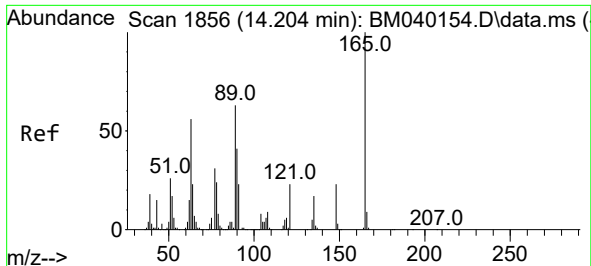
Tgt Ion:152 Resp: 4232613
Ion Ratio Lower Upper
152 100
151 20.4 16.2 24.4
153 13.3 10.4 15.6



#50
Dimethylphthalate
Concen: 37.858 ng
RT: 14.086 min Scan# 1836
Delta R.T. 0.000 min
Lab File: BM040196.D
Acq: 09 Jun 2023 17:56

Tgt Ion:163 Resp: 3241943
Ion Ratio Lower Upper
163 100
194 3.9 2.9 4.3
164 10.0 8.2 12.2

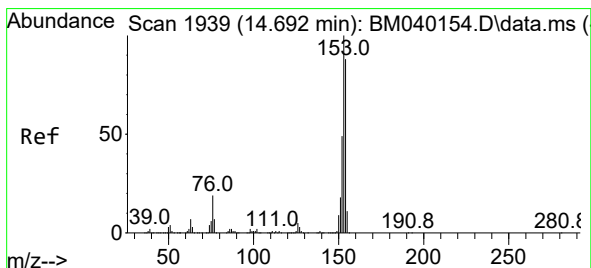
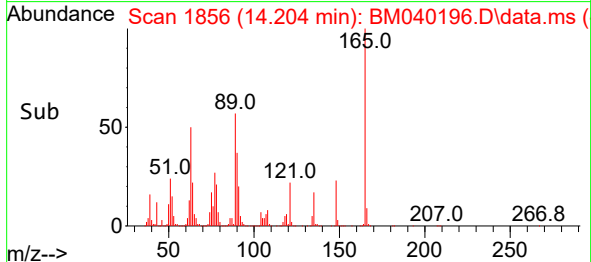
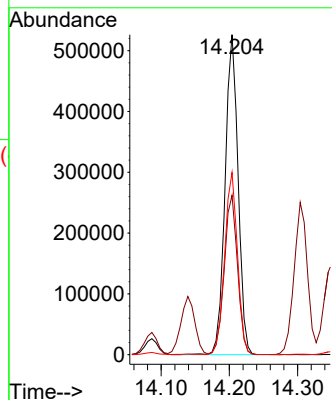
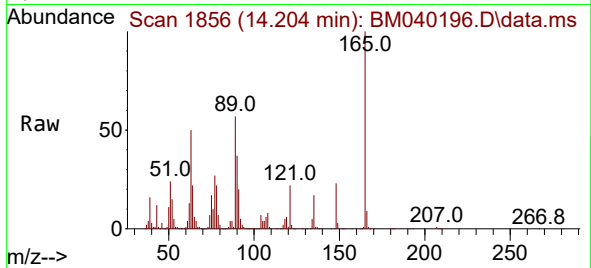




#51
2,6-Dinitrotoluene
Concen: 40.643 ng
RT: 14.204 min Scan# 1856
Delta R.T. -0.000 min
Lab File: BM040196.D
Acq: 09 Jun 2023 17:56

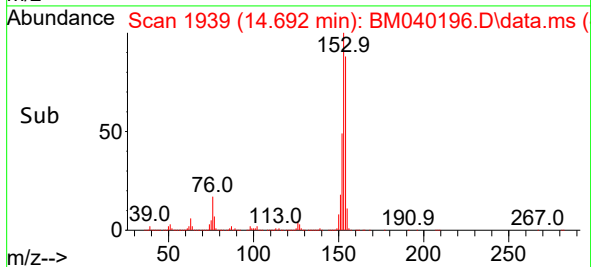
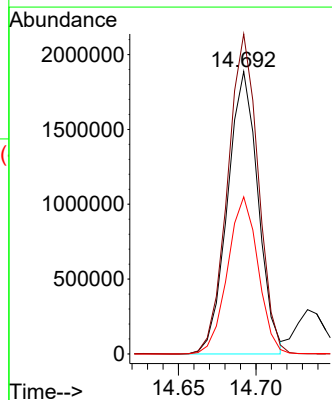
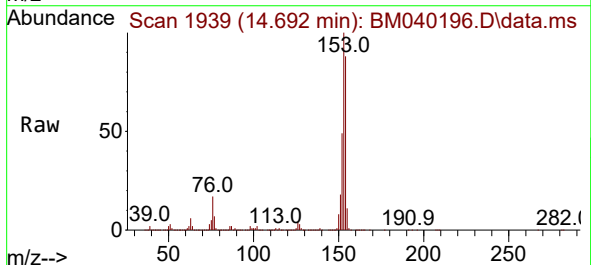
Instrument :
BNA_M
ClientSampleId :
TP-20-0AMSD

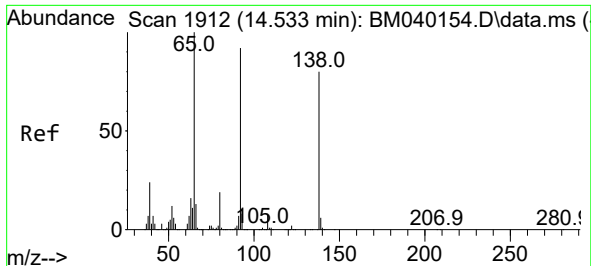
Tgt Ion:165 Resp: 697533
Ion Ratio Lower Upper
165 100
63 49.8 47.3 70.9
89 56.9 50.8 76.2



#52
Acenaphthene
Concen: 38.691 ng
RT: 14.692 min Scan# 1939
Delta R.T. 0.000 min
Lab File: BM040196.D
Acq: 09 Jun 2023 17:56

Tgt Ion:154 Resp: 2587660
Ion Ratio Lower Upper
154 100
153 113.3 91.2 136.8
152 55.6 45.0 67.6

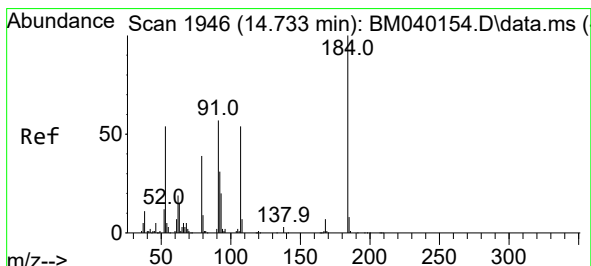
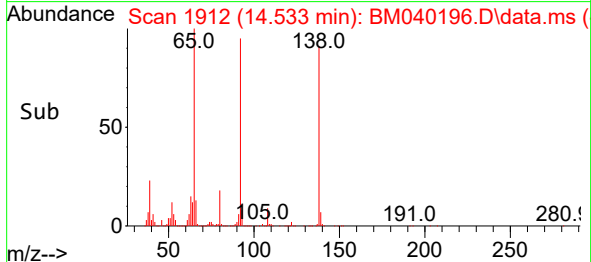
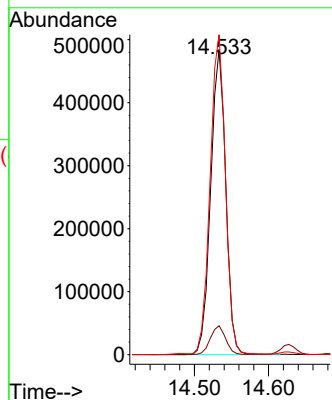
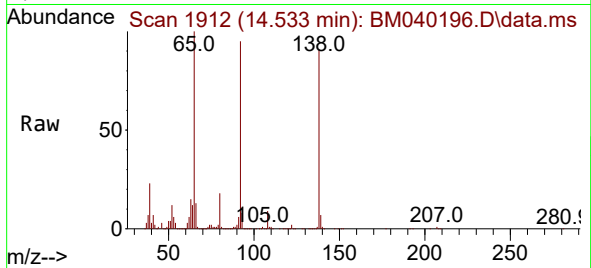




#53
3-Nitroaniline
Concen: 31.814 ng
RT: 14.533 min Scan# 1912
Delta R.T. 0.000 min
Lab File: BM040196.D
Acq: 09 Jun 2023 17:56

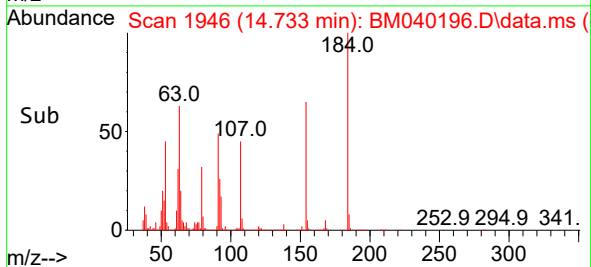
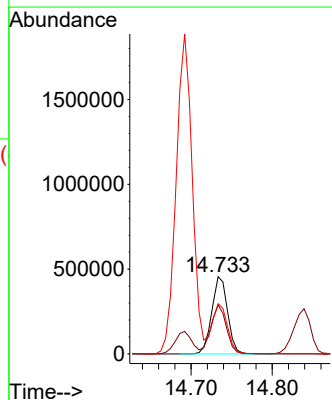
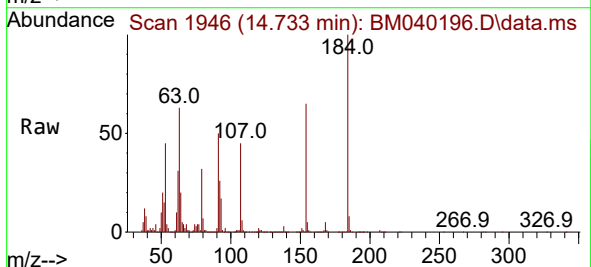
Instrument :
BNA_M
ClientSampleId :
TP-20-0AMSD

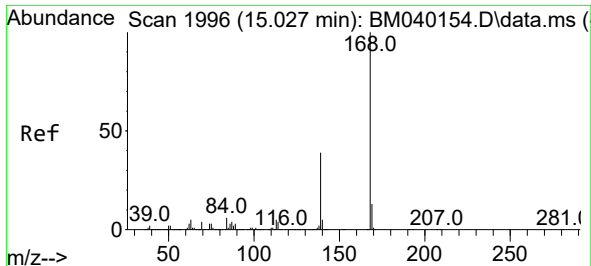
Tgt Ion:138 Resp: 681230
Ion Ratio Lower Upper
138 100
108 9.5 7.8 11.6
92 104.9 91.6 137.4



#54
2,4-Dinitrophenol
Concen: 58.621 ng
RT: 14.733 min Scan# 1946
Delta R.T. 0.000 min
Lab File: BM040196.D
Acq: 09 Jun 2023 17:56

Tgt Ion:184 Resp: 615103
Ion Ratio Lower Upper
184 100
63 63.3 62.8 94.2
154 65.1 55.9 83.9

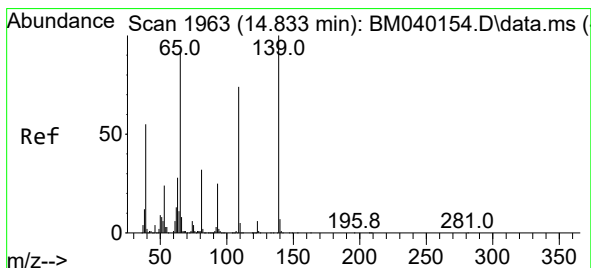
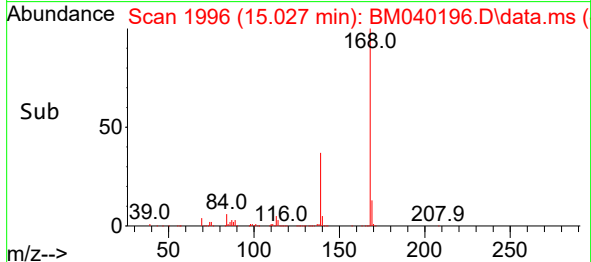
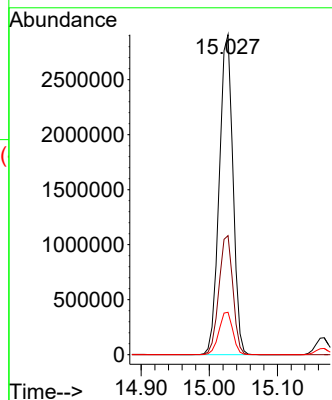
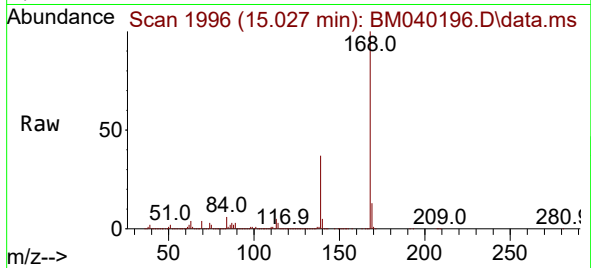




#55
Dibenzenofuran
Concen: 38.879 ng
RT: 15.027 min Scan# 1996
Delta R.T. 0.000 min
Lab File: BM040196.D
Acq: 09 Jun 2023 17:56

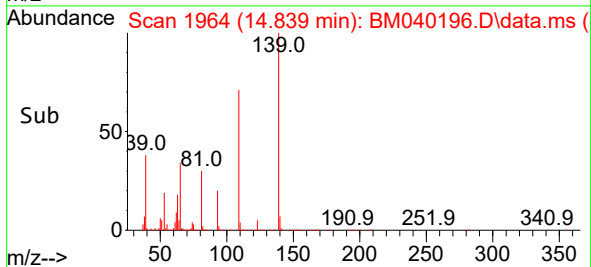
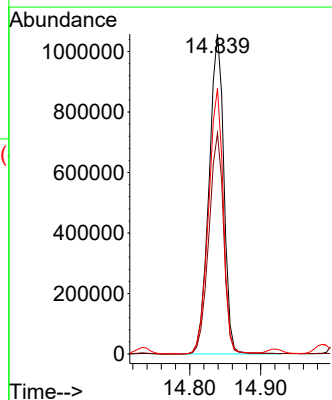
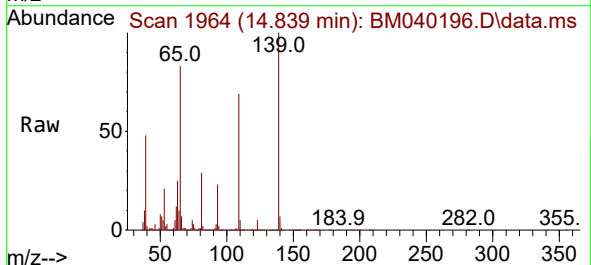
Instrument :
BNA_M
ClientSampleId :
TP-20-0AMSD

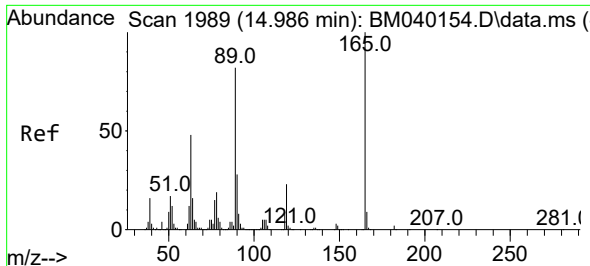
Tgt Ion:168 Resp: 4067634
Ion Ratio Lower Upper
168 100
139 37.2 31.4 47.2
169 13.3 10.6 15.8



#56
4-Nitrophenol
Concen: 88.808 ng
RT: 14.839 min Scan# 1964
Delta R.T. 0.006 min
Lab File: BM040196.D
Acq: 09 Jun 2023 17:56

Tgt Ion:139 Resp: 1540184
Ion Ratio Lower Upper
139 100
109 69.0 54.4 94.4
65 83.0 71.9 111.9





#57

2,4-Dinitrotoluene

Concen: 42.617 ng

RT: 14.986 min Scan# 1989

Delta R.T. -0.000 min

Lab File: BM040196.D

Acq: 09 Jun 2023 17:56

Instrument :

BNA_M

ClientSampleId :

TP-20-0AMSD

Tgt Ion:165 Resp: 976122

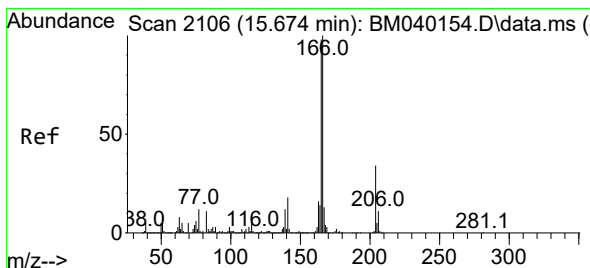
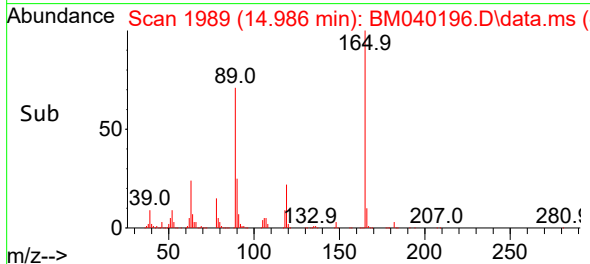
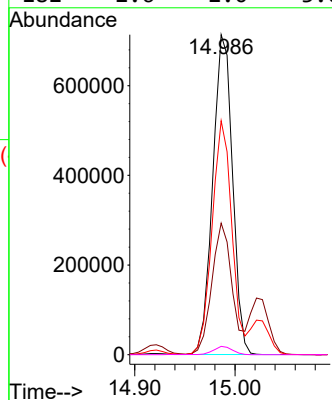
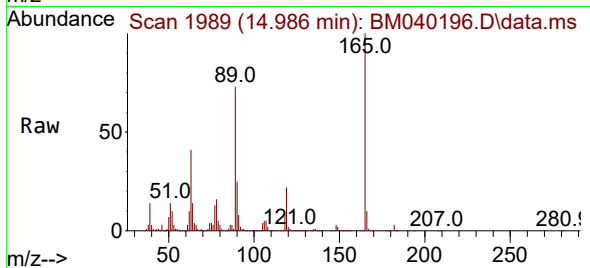
Ion Ratio Lower Upper

165 100

63 41.1 38.3 57.5

89 73.1 66.0 99.0

182 2.6 2.0 3.0



#58

Fluorene

Concen: 38.780 ng

RT: 15.674 min Scan# 2106

Delta R.T. 0.000 min

Lab File: BM040196.D

Acq: 09 Jun 2023 17:56

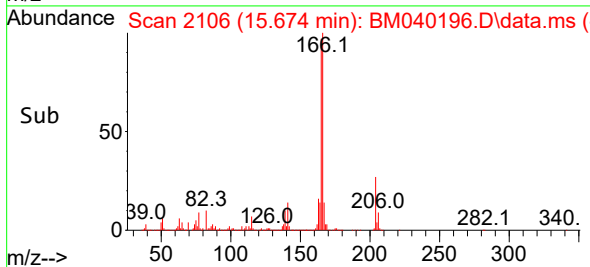
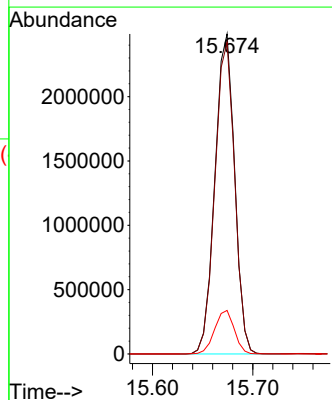
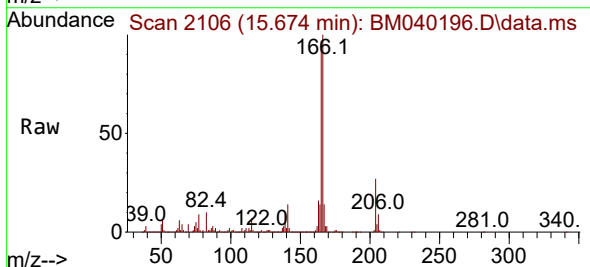
Tgt Ion:166 Resp: 3396067

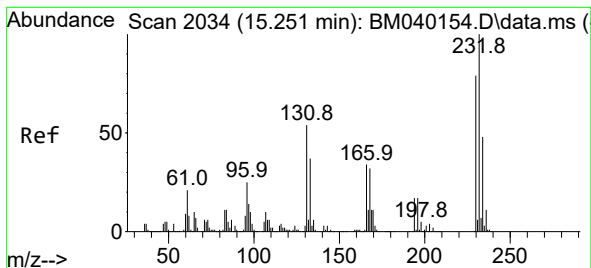
Ion Ratio Lower Upper

166 100

165 97.4 78.6 117.8

167 13.6 10.7 16.1

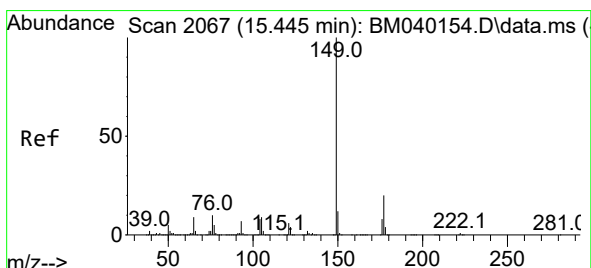
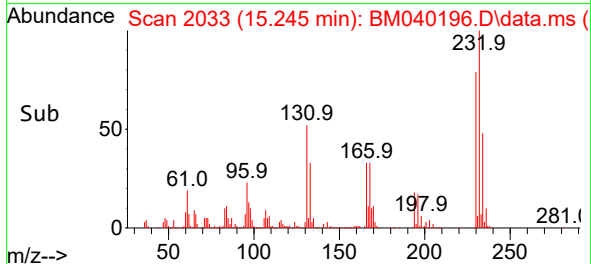
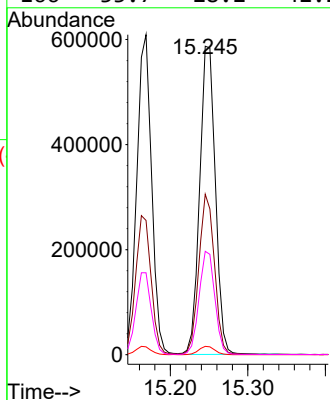
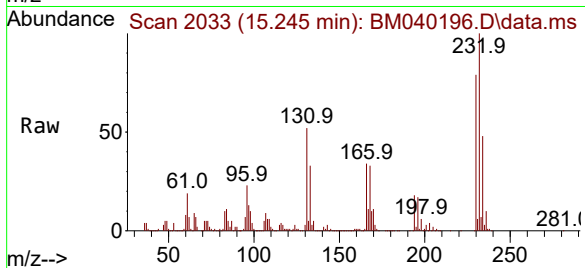




#59
2,3,4,6-Tetrachlorophenol
Concen: 43.832 ng
RT: 15.245 min Scan# 2034
Delta R.T. -0.006 min
Lab File: BM040196.D
Acq: 09 Jun 2023 17:56

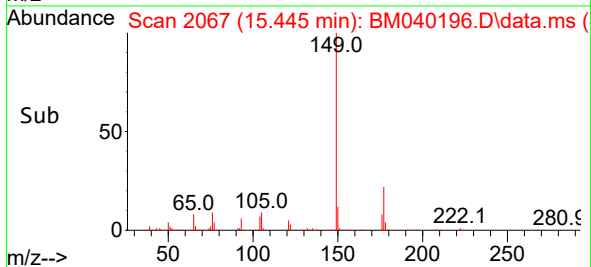
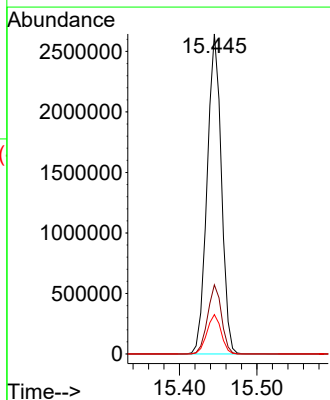
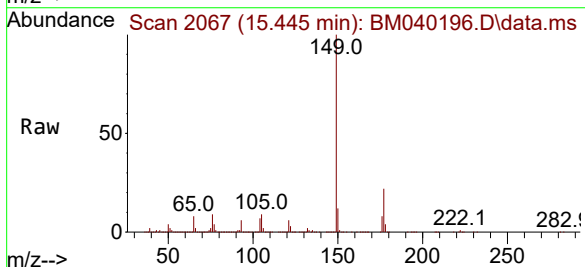
Instrument :
BNA_M
ClientSampleId :
TP-20-0AMSD

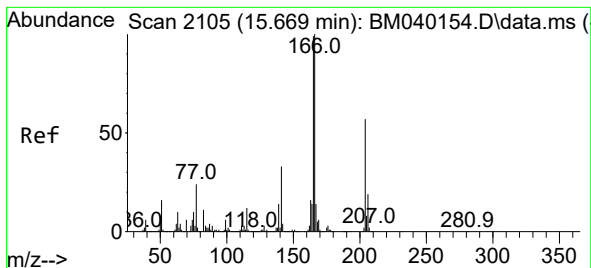
Tgt Ion:232 Resp: 825944
Ion Ratio Lower Upper
232 100
131 51.6 46.7 70.1
130 2.7 2.5 3.7
166 33.7 28.2 42.2



#60
Diethylphthalate
Concen: 38.777 ng
RT: 15.445 min Scan# 2067
Delta R.T. -0.000 min
Lab File: BM040196.D
Acq: 09 Jun 2023 17:56

Tgt Ion:149 Resp: 3369152
Ion Ratio Lower Upper
149 100
177 21.6 16.2 24.2
150 12.3 9.9 14.9

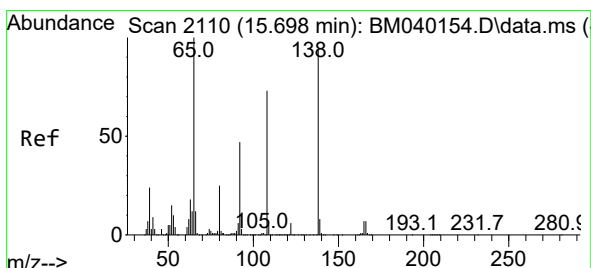
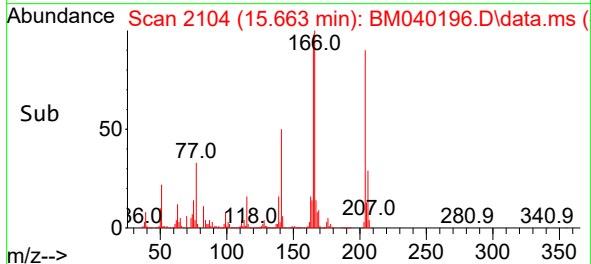
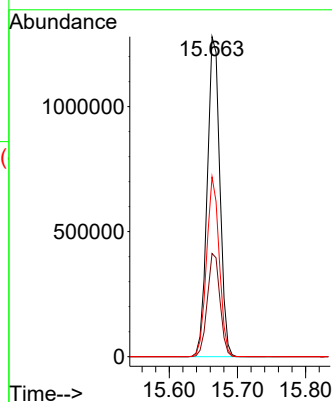
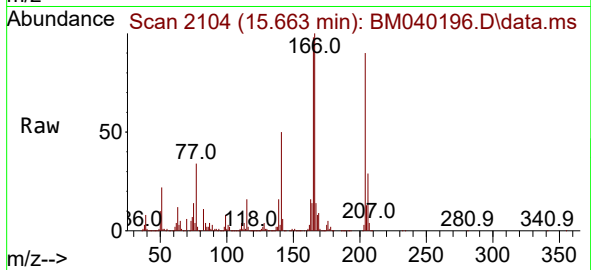




#61
4-Chlorophenyl-phenylether
Concen: 40.196 ng
RT: 15.663 min Scan# 2104
Delta R.T. -0.006 min
Lab File: BM040196.D
Acq: 09 Jun 2023 17:56

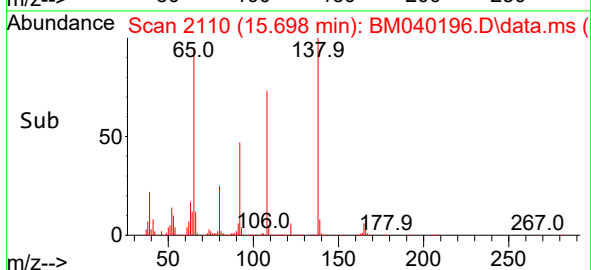
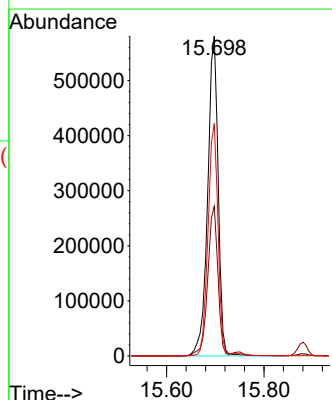
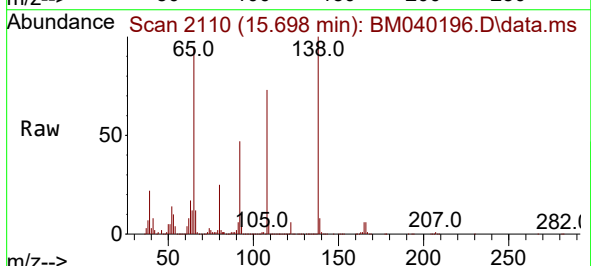
Instrument :
BNA_M
ClientSampleId :
TP-20-0AMSD

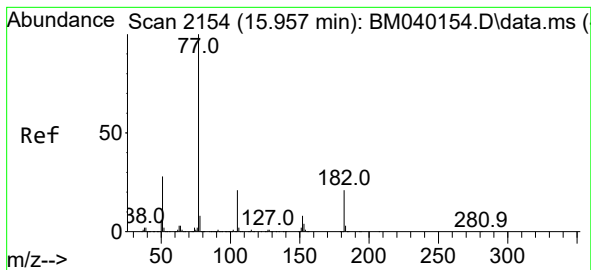
Tgt Ion:204 Resp: 1645352
Ion Ratio Lower Upper
204 100
206 32.3 26.2 39.4
141 56.2 45.9 68.9



#62
4-Nitroaniline
Concen: 37.980 ng
RT: 15.698 min Scan# 2110
Delta R.T. -0.000 min
Lab File: BM040196.D
Acq: 09 Jun 2023 17:56

Tgt Ion:138 Resp: 866314
Ion Ratio Lower Upper
138 100
92 46.8 30.1 70.1
108 72.7 57.8 97.8





#63

Azobenzene

Concen: 38.301 ng

RT: 15.957 min Scan# 2154

Delta R.T. 0.000 min

Lab File: BM040196.D

Acq: 09 Jun 2023 17:56

Instrument :

BNA_M

ClientSampleId :

TP-20-0AMSD

Tgt Ion: 77 Resp: 3235559

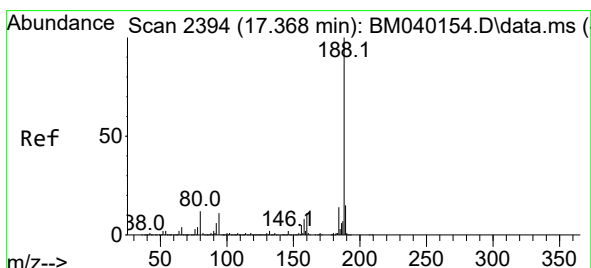
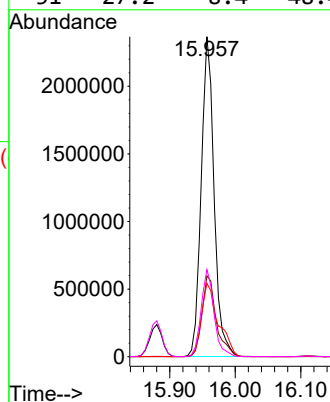
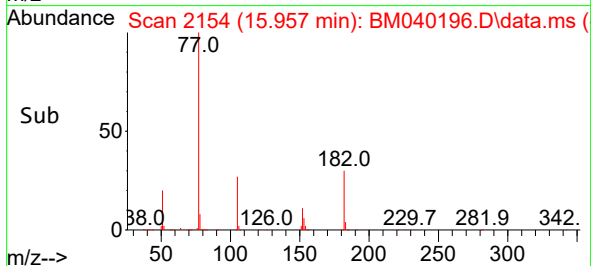
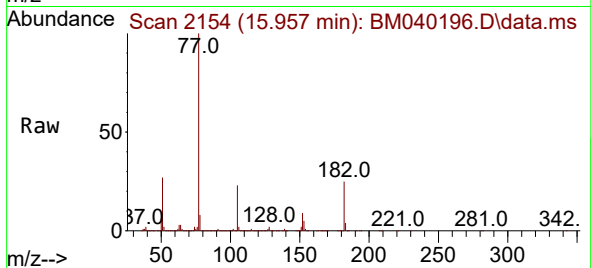
Ion Ratio Lower Upper

77 100

182 25.3 1.1 41.1

105 22.9 1.1 41.1

51 27.2 8.4 48.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.368 min Scan# 2394

Delta R.T. -0.000 min

Lab File: BM040196.D

Acq: 09 Jun 2023 17:56

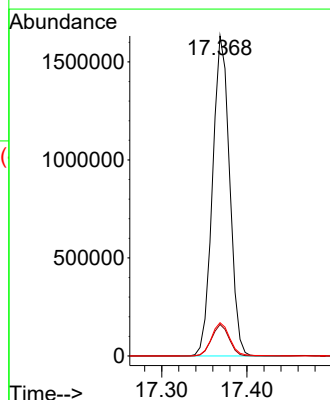
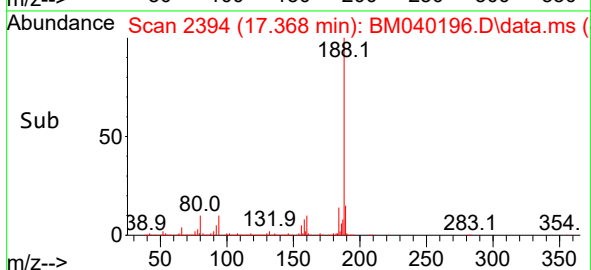
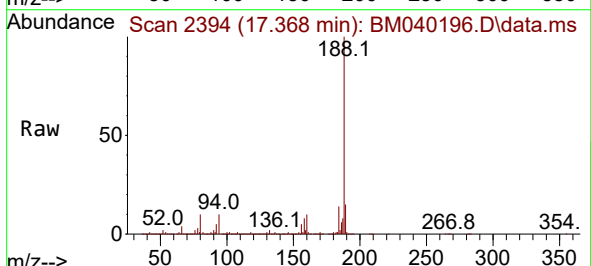
Tgt Ion:188 Resp: 2271951

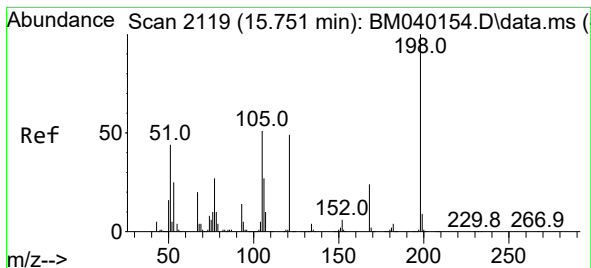
Ion Ratio Lower Upper

188 100

94 9.8 8.9 13.3

80 10.4 9.6 14.4

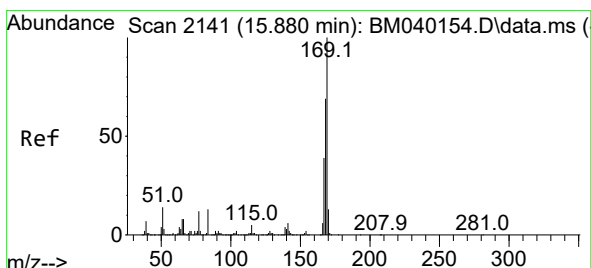
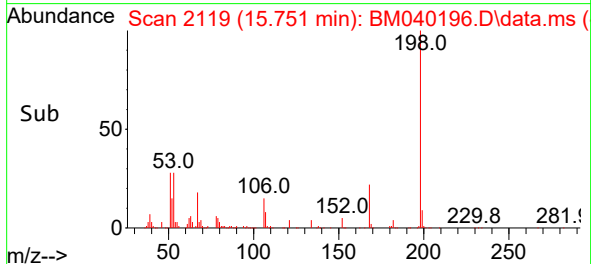
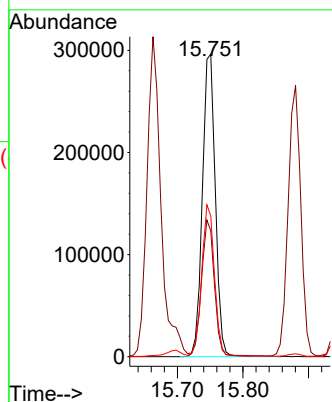
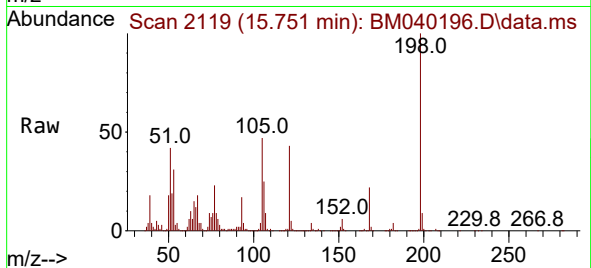




#65
4,6-Dinitro-2-methylphenol
Concen: 31.882 ng
RT: 15.751 min Scan# 2119
Delta R.T. -0.000 min
Lab File: BM040196.D
Acq: 09 Jun 2023 17:56

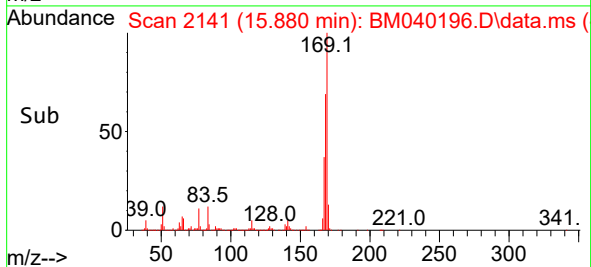
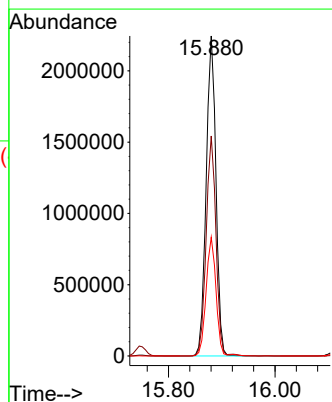
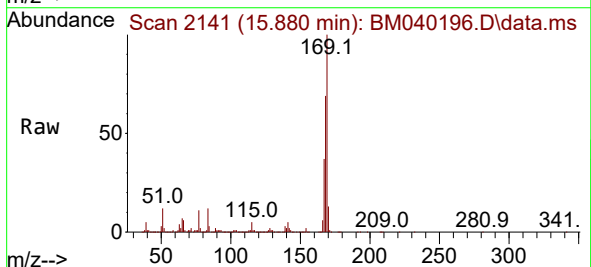
Instrument :
BNA_M
ClientSampleId :
TP-20-0AMSD

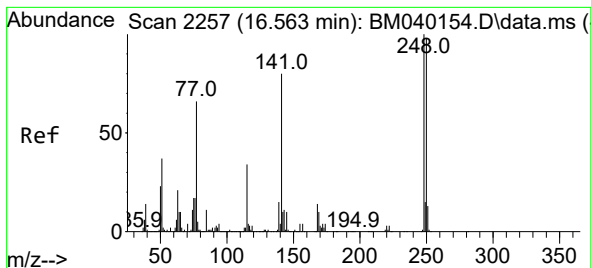
Tgt Ion:198 Resp: 406291
Ion Ratio Lower Upper
198 100
51 41.6 30.6 70.6
105 46.6 32.5 72.5



#66
n-Nitrosodiphenylamine
Concen: 38.249 ng
RT: 15.880 min Scan# 2141
Delta R.T. 0.000 min
Lab File: BM040196.D
Acq: 09 Jun 2023 17:56

Tgt Ion:169 Resp: 2846273
Ion Ratio Lower Upper
169 100
168 68.8 55.6 83.4
167 37.1 31.3 46.9

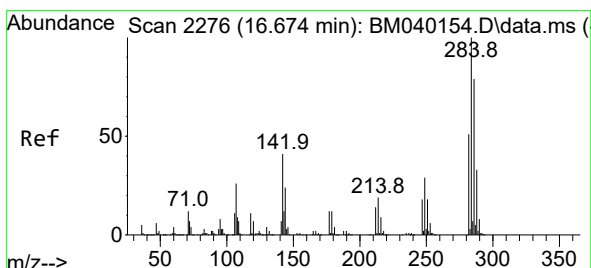
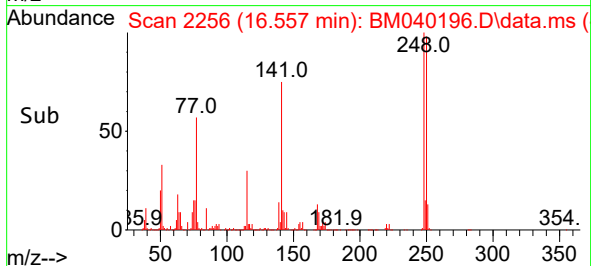
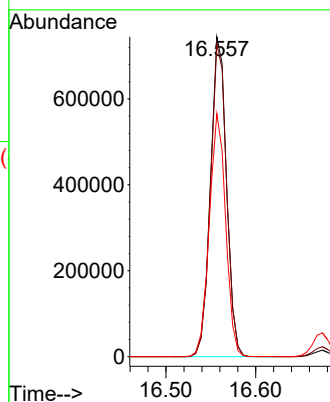
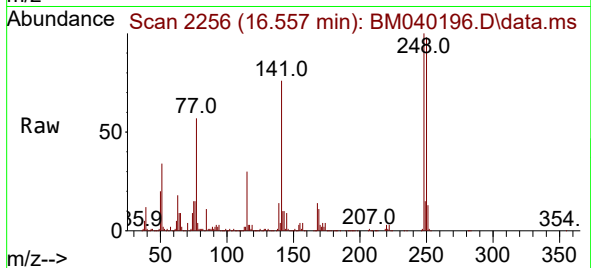




#67
4-Bromophenyl-phenylether
Concen: 40.575 ng
RT: 16.557 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM040196.D
Acq: 09 Jun 2023 17:56

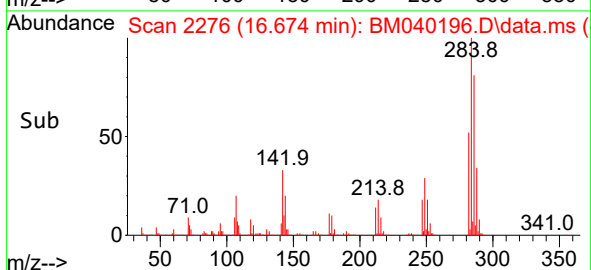
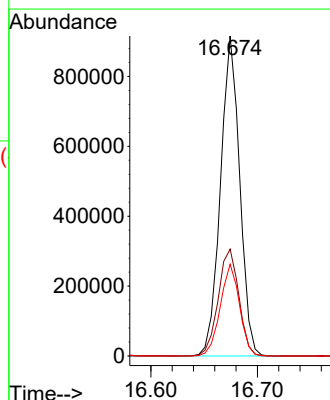
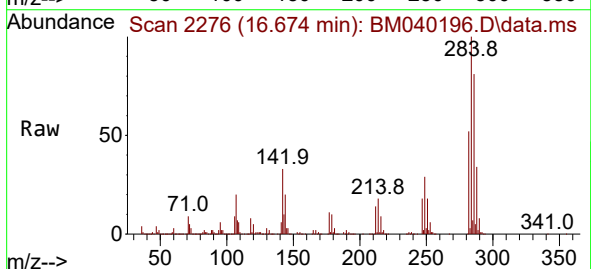
Instrument :
BNA_M
ClientSampleId :
TP-20-0AMSD

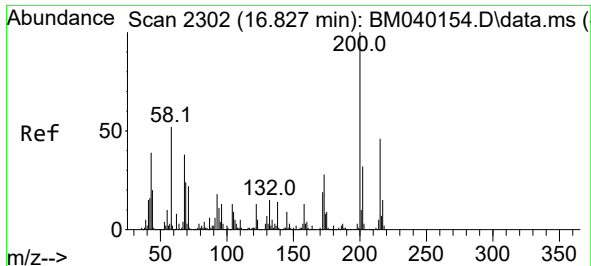
Tgt Ion:248 Resp: 925847
Ion Ratio Lower Upper
248 100
250 97.7 78.1 117.1
141 75.9 64.3 96.5



#68
Hexachlorobenzene
Concen: 43.696 ng
RT: 16.674 min Scan# 2276
Delta R.T. 0.000 min
Lab File: BM040196.D
Acq: 09 Jun 2023 17:56

Tgt Ion:284 Resp: 1143513
Ion Ratio Lower Upper
284 100
142 33.4 32.7 49.1
249 28.7 23.3 34.9

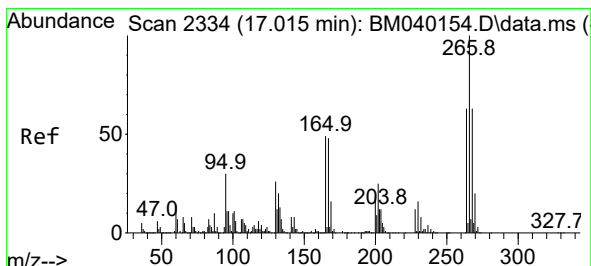
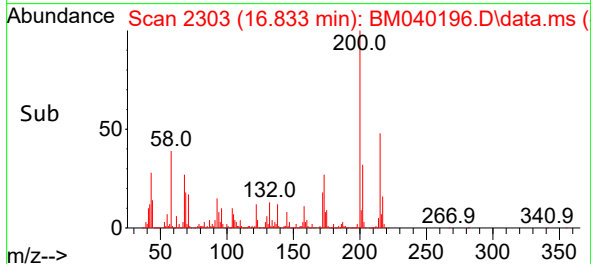
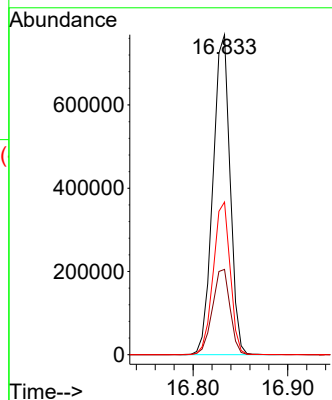
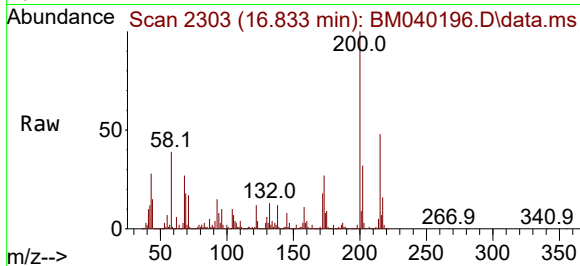




#69
 Atrazine
 Concen: 47.396 ng
 RT: 16.833 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BM040196.D
 Acq: 09 Jun 2023 17:56

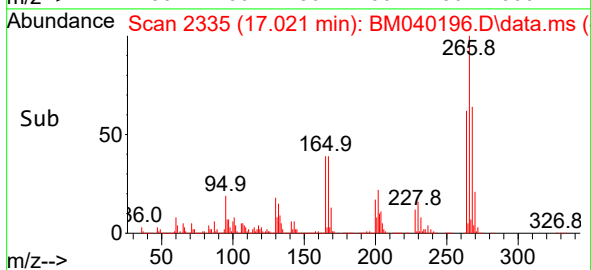
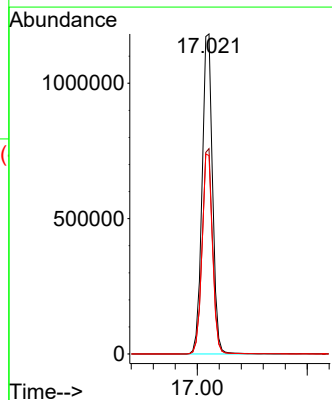
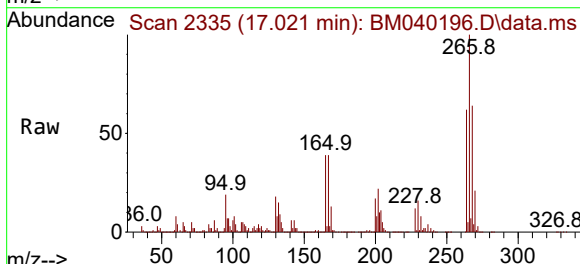
Instrument :
 BNA_M
 ClientSampleId :
 TP-20-0AMSD

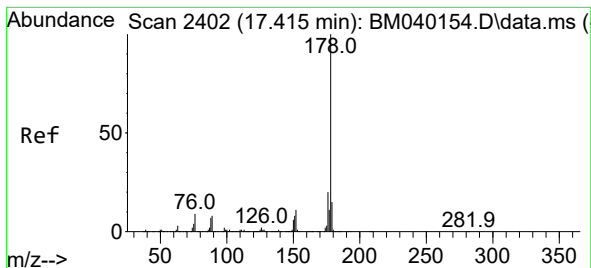
Tgt Ion:200 Resp: 963896
 Ion Ratio Lower Upper
 200 100
 173 26.6 8.1 48.1
 215 47.7 25.7 65.7



#70
 Pentachlorophenol
 Concen: 81.355 ng
 RT: 17.021 min Scan# 2335
 Delta R.T. 0.006 min
 Lab File: BM040196.D
 Acq: 09 Jun 2023 17:56

Tgt Ion:266 Resp: 1562871
 Ion Ratio Lower Upper
 266 100
 268 64.2 50.4 75.6
 264 62.0 50.1 75.1





#71

Phenanthrene

Concen: 38.705 ng

RT: 17.415 min Scan# 2402

Delta R.T. 0.000 min

Lab File: BM040196.D

Acq: 09 Jun 2023 17:56

Instrument :

BNA_M

ClientSampleId :

TP-20-0AMSD

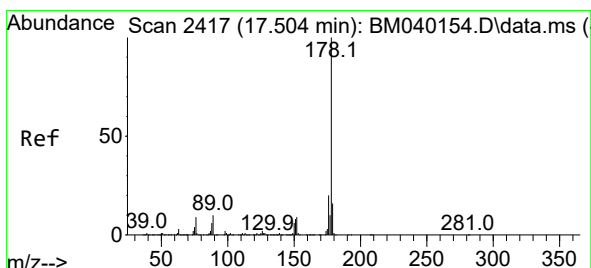
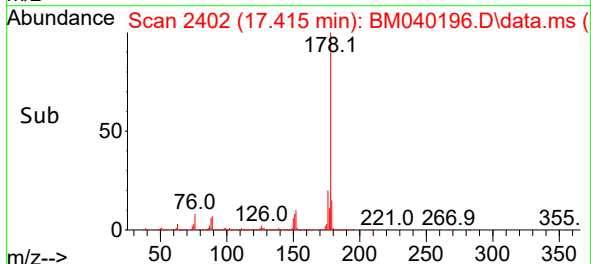
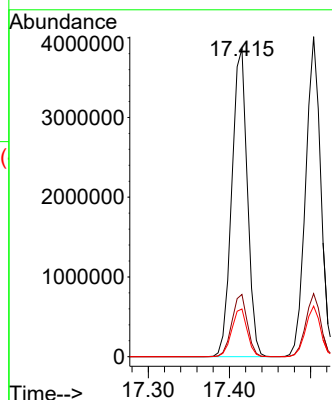
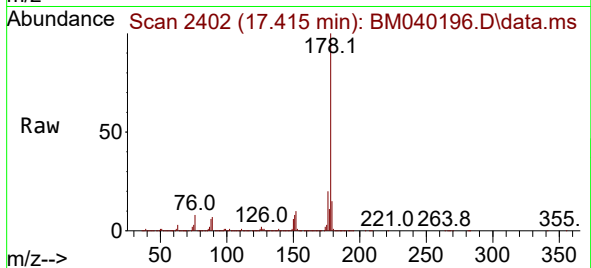
Tgt Ion:178 Resp: 5123706

Ion Ratio Lower Upper

178 100

176 20.2 16.4 24.6

179 15.5 12.3 18.5



#72

Anthracene

Concen: 39.305 ng

RT: 17.504 min Scan# 2417

Delta R.T. -0.000 min

Lab File: BM040196.D

Acq: 09 Jun 2023 17:56

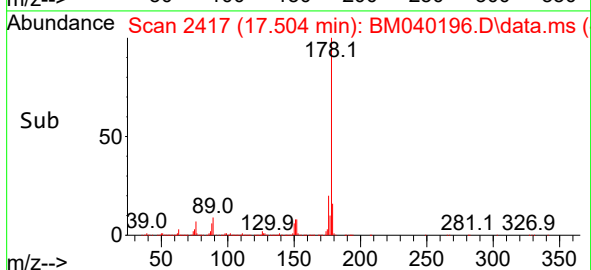
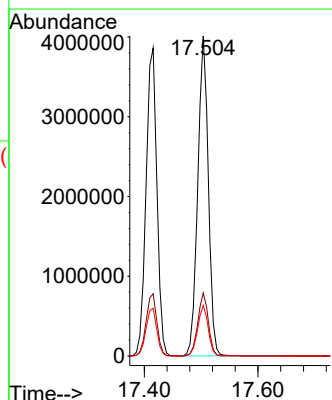
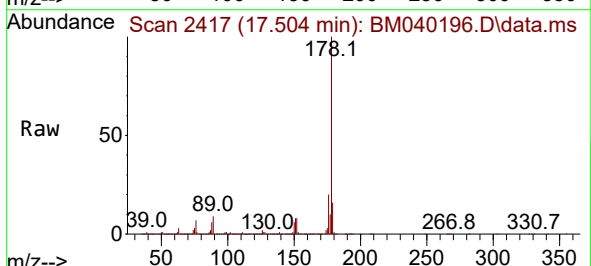
Tgt Ion:178 Resp: 5190867

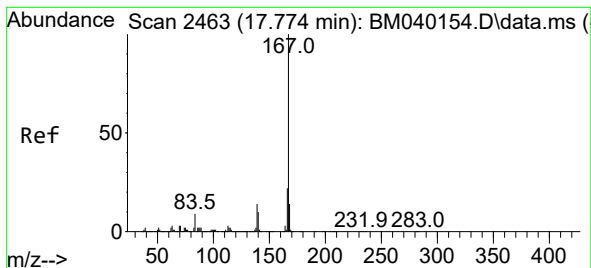
Ion Ratio Lower Upper

178 100

176 19.7 16.0 24.0

179 15.8 12.6 19.0





#73

Carbazole

Concen: 39.590 ng

RT: 17.774 min Scan# 2463

Delta R.T. 0.000 min

Lab File: BM040196.D

Acq: 09 Jun 2023 17:56

Instrument :

BNA_M

ClientSampleId :

TP-20-0AMSD

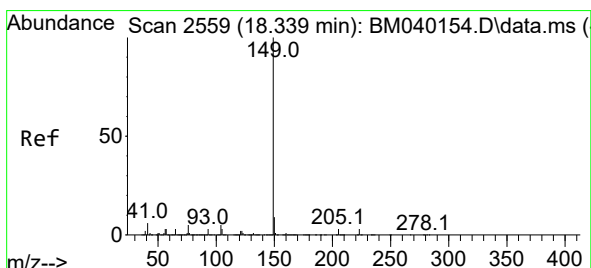
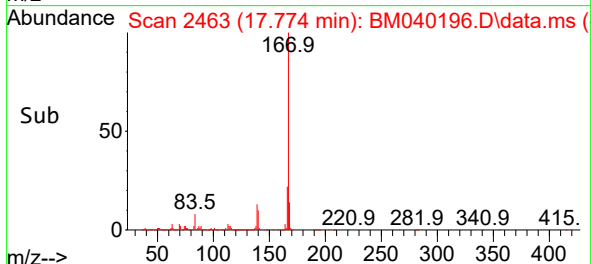
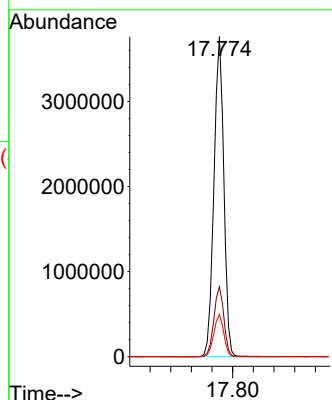
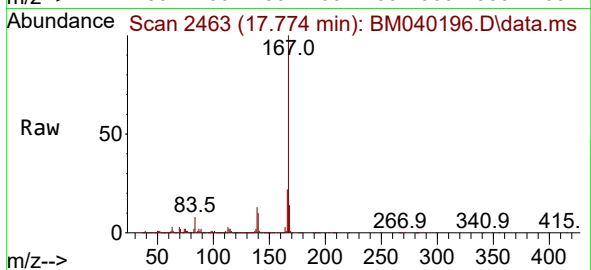
Tgt Ion:167 Resp: 4987140

Ion Ratio Lower Upper

167 100

166 21.9 17.8 26.8

139 13.2 11.0 16.4



#74

Di-n-butylphthalate

Concen: 42.811 ng

RT: 18.333 min Scan# 2558

Delta R.T. -0.006 min

Lab File: BM040196.D

Acq: 09 Jun 2023 17:56

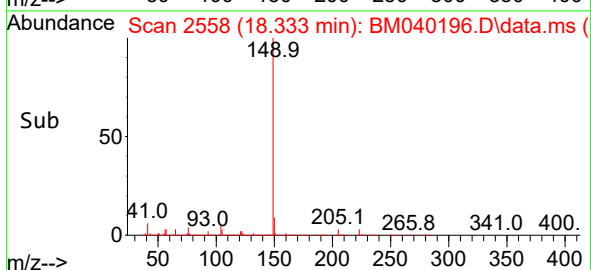
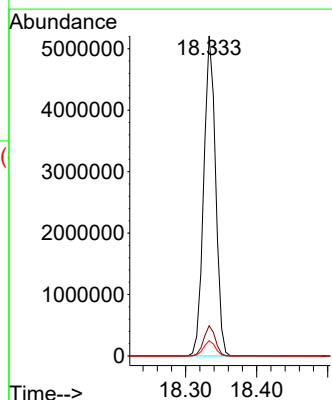
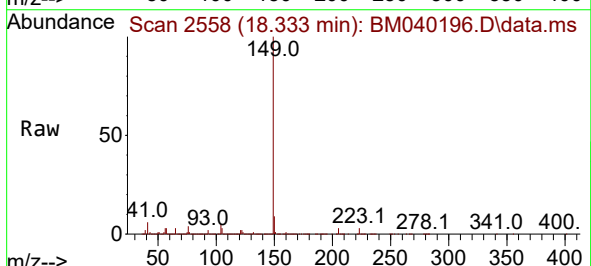
Tgt Ion:149 Resp: 6048271

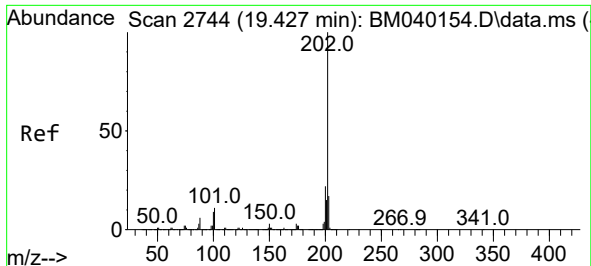
Ion Ratio Lower Upper

149 100

150 9.5 7.3 10.9

104 4.8 4.1 6.1

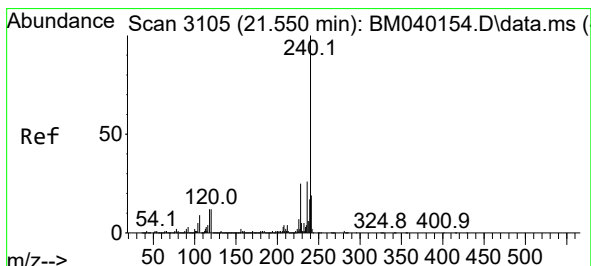
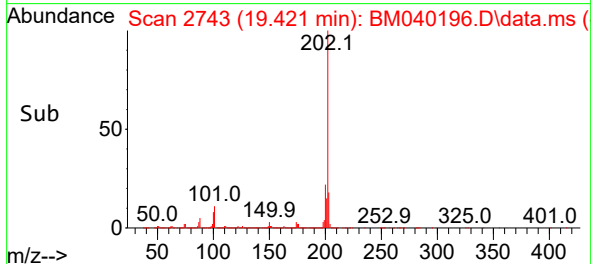
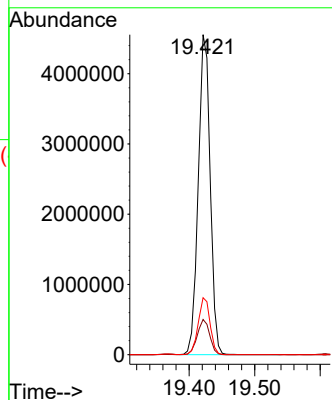
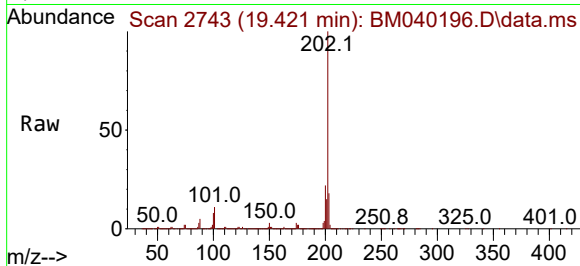




#75
Fluoranthene
Concen: 40.966 ng
RT: 19.421 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM040196.D
Acq: 09 Jun 2023 17:56

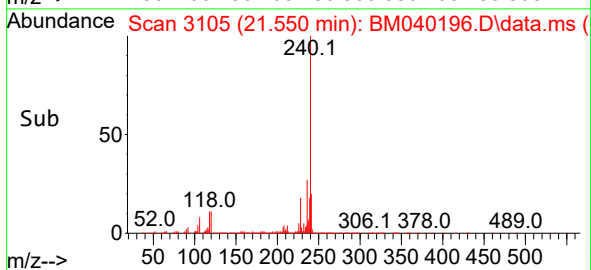
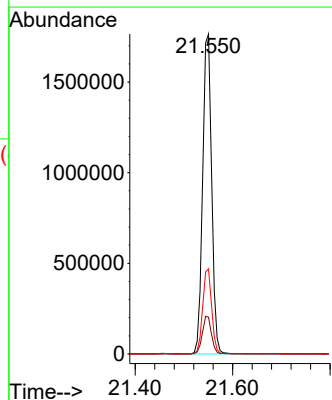
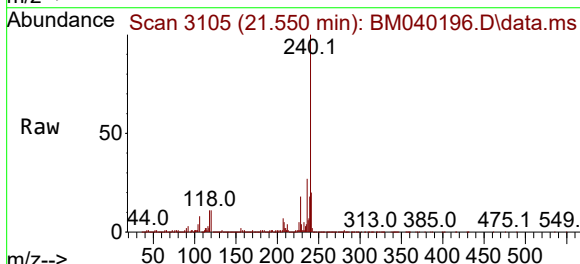
Instrument :
BNA_M
ClientSampleId :
TP-20-0AMSD

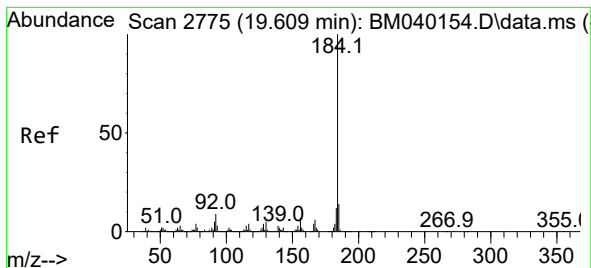
Tgt Ion:202 Resp: 5754799
Ion Ratio Lower Upper
202 100
101 11.0 0.0 31.4
203 17.8 0.0 37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.550 min Scan# 3105
Delta R.T. -0.000 min
Lab File: BM040196.D
Acq: 09 Jun 2023 17:56

Tgt Ion:240 Resp: 2270101
Ion Ratio Lower Upper
240 100
120 11.5 9.9 14.9
236 26.6 21.1 31.7





#77

Benzidine

Concen: 43.349 ng

RT: 19.609 min Scan# 2775

Delta R.T. 0.000 min

Lab File: BM040196.D

Acq: 09 Jun 2023 17:56

Instrument :

BNA_M

ClientSampleId :

TP-20-0AMSD

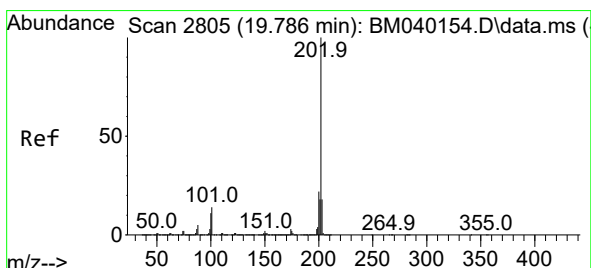
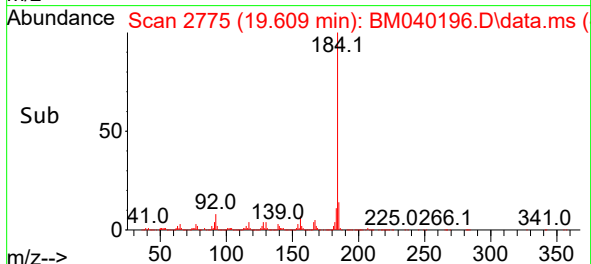
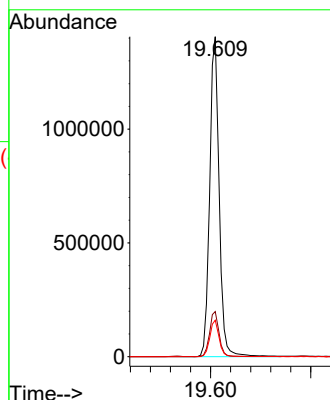
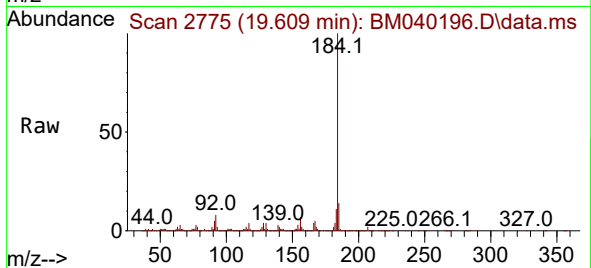
Tgt Ion:184 Resp: 1848121

Ion Ratio Lower Upper

184 100

185 14.1 11.6 17.4

183 11.4 9.4 14.0



#78

Pyrene

Concen: 40.367 ng

RT: 19.786 min Scan# 2805

Delta R.T. -0.000 min

Lab File: BM040196.D

Acq: 09 Jun 2023 17:56

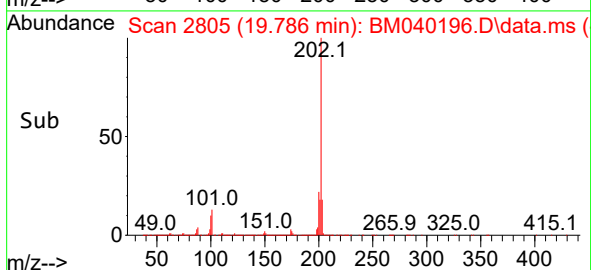
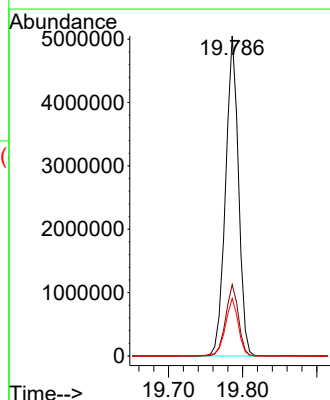
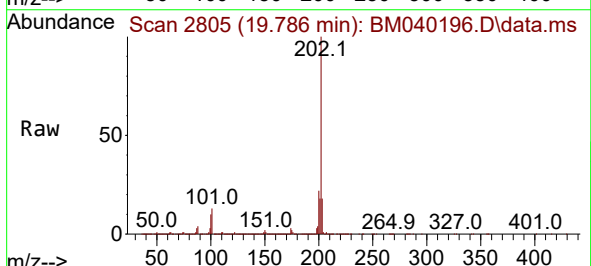
Tgt Ion:202 Resp: 6110511

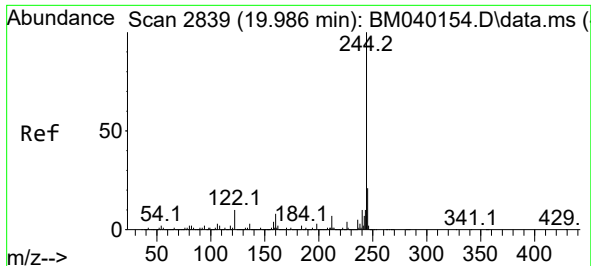
Ion Ratio Lower Upper

202 100

200 22.3 17.8 26.8

203 17.9 14.4 21.6

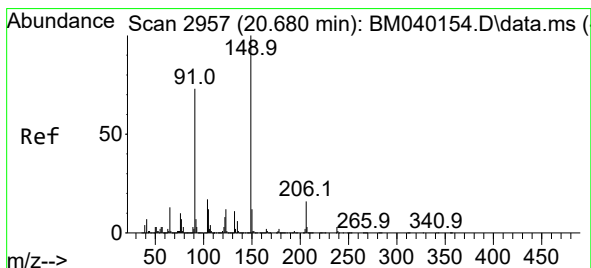
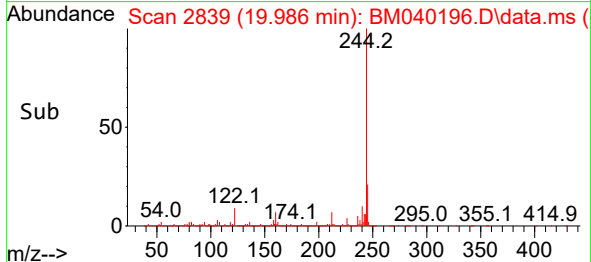
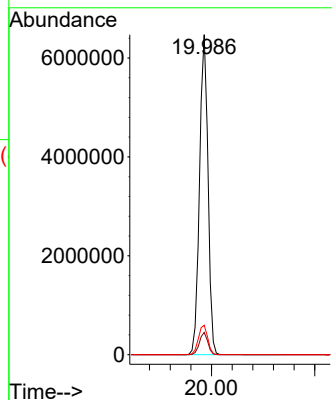
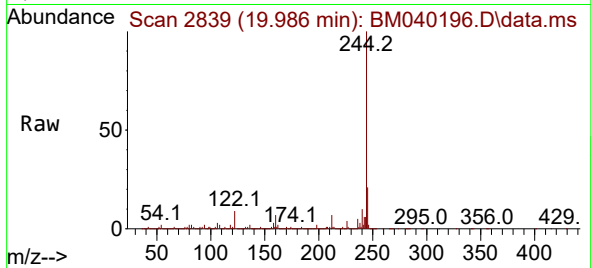




#79
 Terphenyl-d14
 Concen: 59.565 ng
 RT: 19.986 min Scan# 2839
 Delta R.T. 0.000 min
 Lab File: BM040196.D
 Acq: 09 Jun 2023 17:56

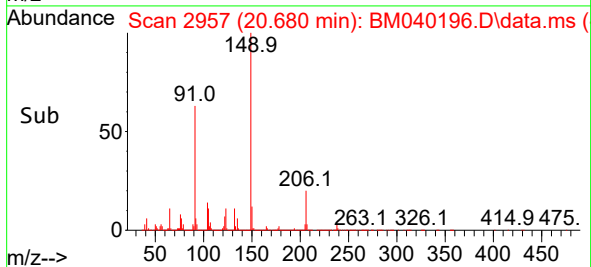
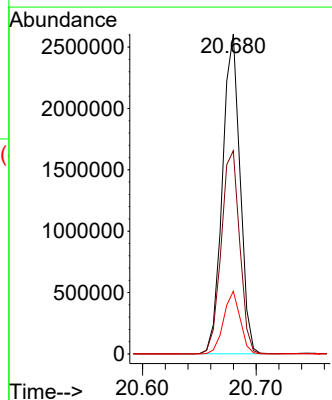
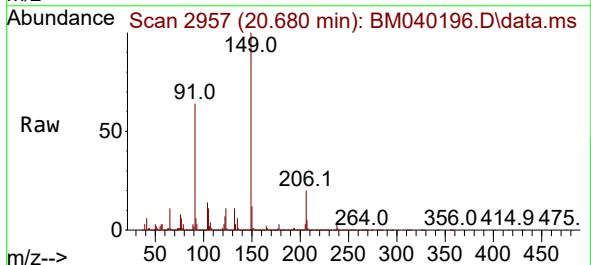
Instrument :
 BNA_M
 ClientSampleId :
 TP-20-0AMSD

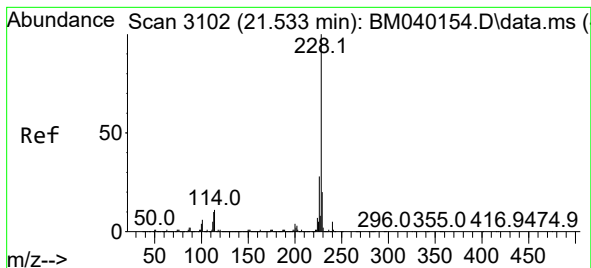
Tgt Ion:244 Resp: 7335296
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.7 8.5
 122 9.2 7.9 11.9



#80
 Butylbenzylphthalate
 Concen: 45.921 ng
 RT: 20.680 min Scan# 2957
 Delta R.T. -0.000 min
 Lab File: BM040196.D
 Acq: 09 Jun 2023 17:56

Tgt Ion:149 Resp: 2809628
 Ion Ratio Lower Upper
 149 100
 91 63.5 58.3 87.5
 206 19.6 13.2 19.8





#81

Benzo(a)anthracene

Concen: 41.351 ng

RT: 21.533 min Scan# 3102

Delta R.T. -0.000 min

Lab File: BM040196.D

Acq: 09 Jun 2023 17:56

Instrument :

BNA_M

ClientSampleId :

TP-20-0AMSD

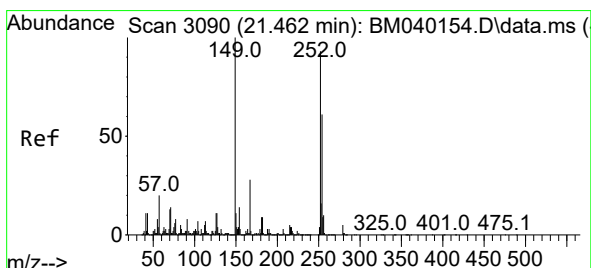
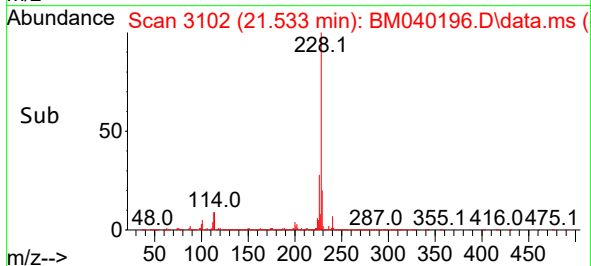
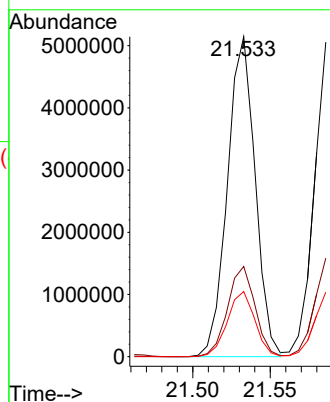
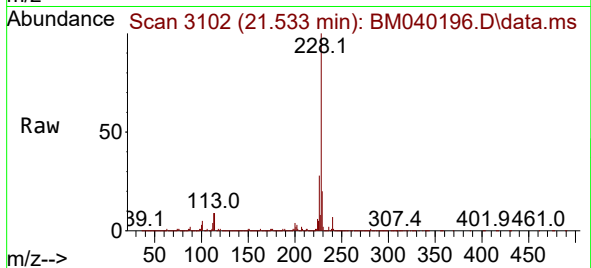
Tgt Ion:228 Resp: 6401224

Ion Ratio Lower Upper

228 100

226 28.2 22.5 33.7

229 20.4 16.0 24.0



#82

3,3'-Dichlorobenzidine

Concen: 45.487 ng

RT: 21.462 min Scan# 3090

Delta R.T. -0.000 min

Lab File: BM040196.D

Acq: 09 Jun 2023 17:56

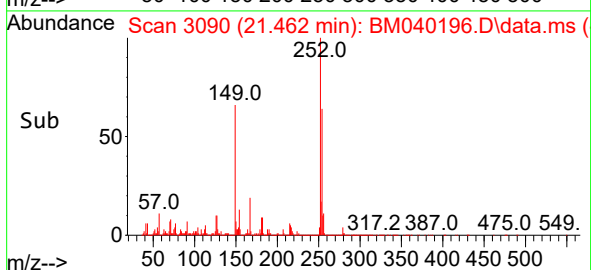
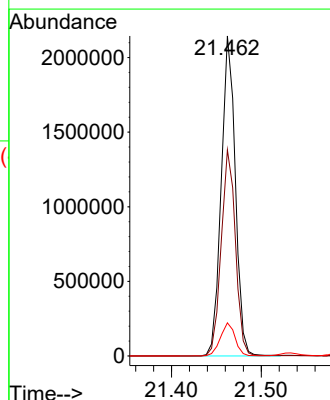
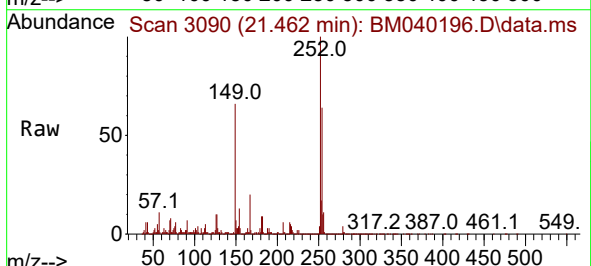
Tgt Ion:252 Resp: 2340236

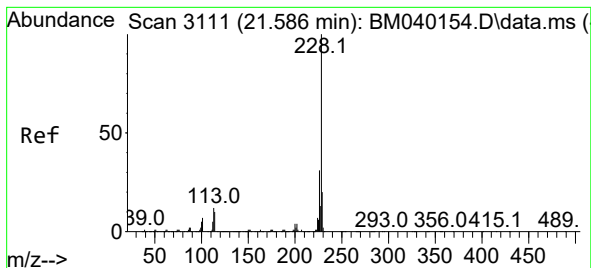
Ion Ratio Lower Upper

252 100

254 64.4 52.2 78.2

126 10.4 9.5 14.3





#83

Chrysene

Concen: 39.468 ng

RT: 21.586 min Scan# 3111

Delta R.T. 0.000 min

Lab File: BM040196.D

Acq: 09 Jun 2023 17:56

Instrument :

BNA_M

ClientSampleId :

TP-20-0AMSD

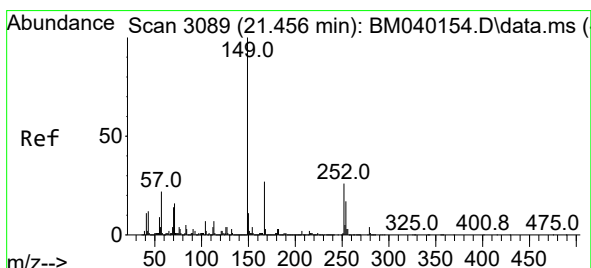
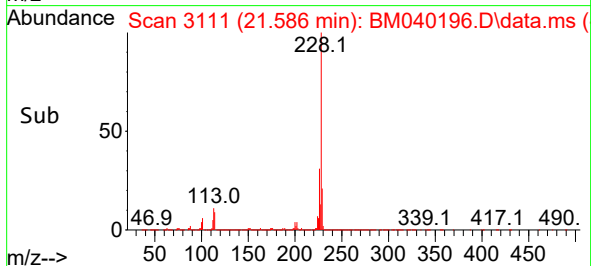
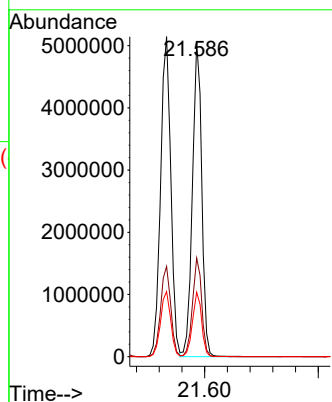
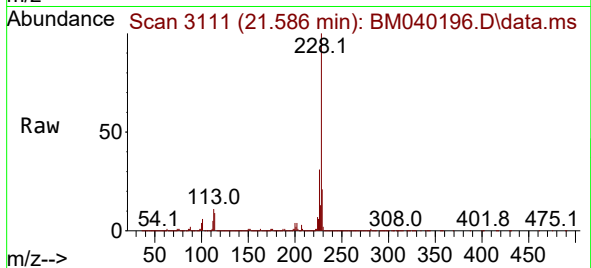
Tgt Ion:228 Resp: 5787823

Ion Ratio Lower Upper

228 100

226 31.3 24.9 37.3

229 20.5 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.987 ng

RT: 21.450 min Scan# 3088

Delta R.T. -0.006 min

Lab File: BM040196.D

Acq: 09 Jun 2023 17:56

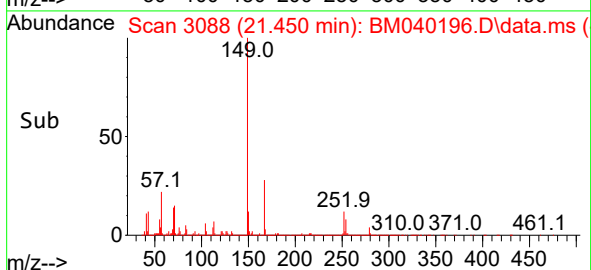
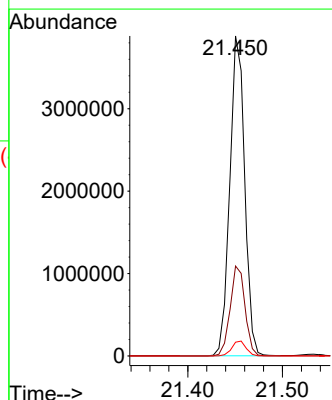
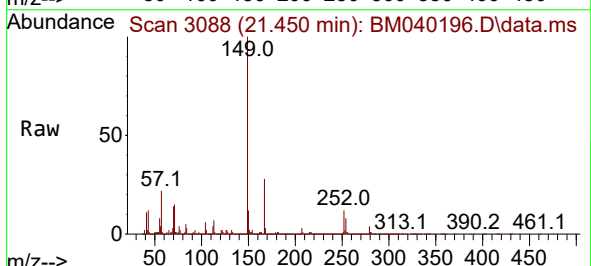
Tgt Ion:149 Resp: 4245507

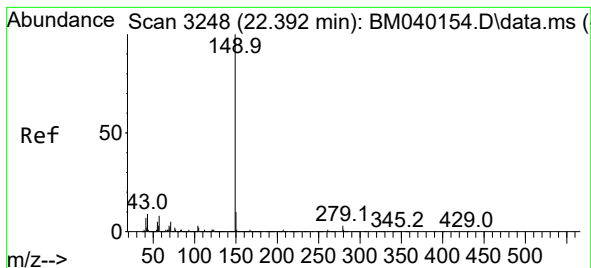
Ion Ratio Lower Upper

149 100

167 28.1 21.7 32.5

279 4.3 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 49.837 ng

RT: 22.392 min Scan# 31

Delta R.T. -0.000 min

Lab File: BM040196.D

Acq: 09 Jun 2023 17:56

Instrument :

BNA_M

ClientSampleId :

TP-20-0AMSD

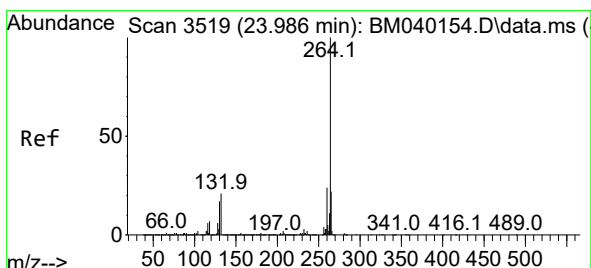
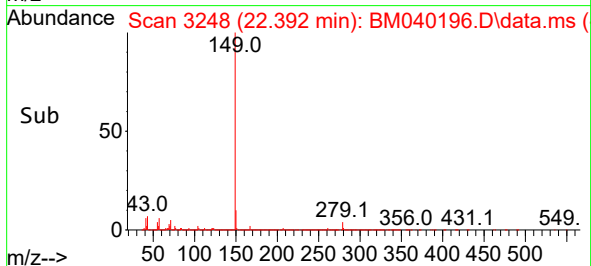
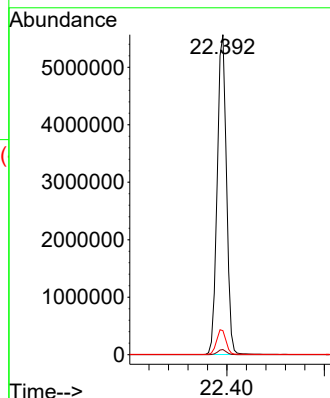
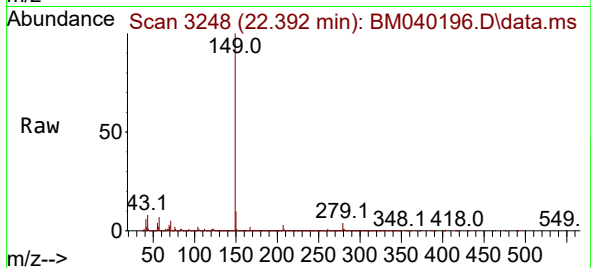
Tgt Ion:149 Resp: 7312341

Ion Ratio Lower Upper

149 100

167 1.5 1.1 1.7

43 7.9 7.4 11.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.986 min Scan# 3519

Delta R.T. -0.000 min

Lab File: BM040196.D

Acq: 09 Jun 2023 17:56

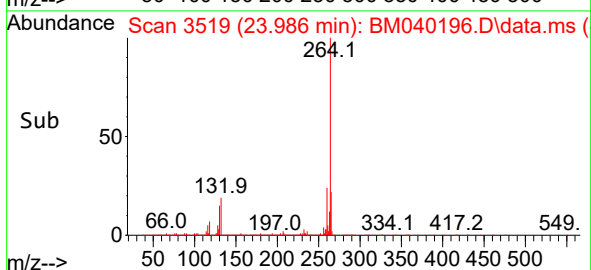
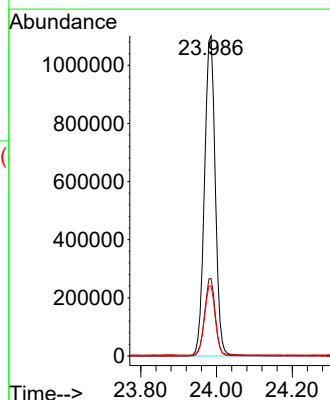
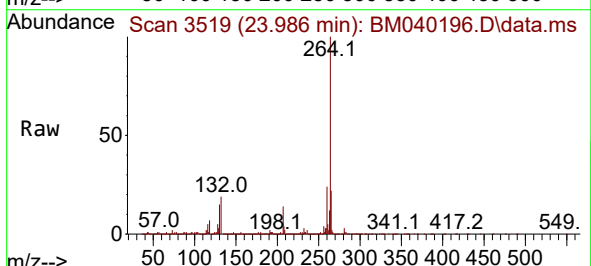
Tgt Ion:264 Resp: 2177332

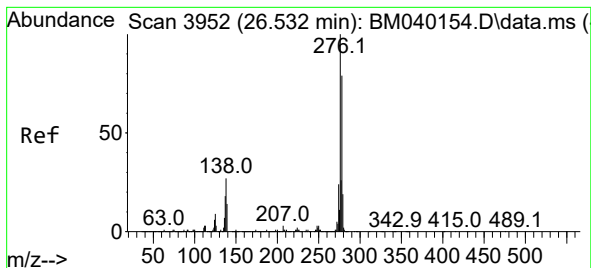
Ion Ratio Lower Upper

264 100

260 24.2 19.1 28.7

265 21.8 17.7 26.5





#87

Indeno(1,2,3-cd)pyrene

Concen: 35.198 ng

RT: 26.527 min Scan# 3951

Delta R.T. -0.006 min

Lab File: BM040196.D

Acq: 09 Jun 2023 17:56

Instrument :

BNA_M

ClientSampleId :

TP-20-0AMSD

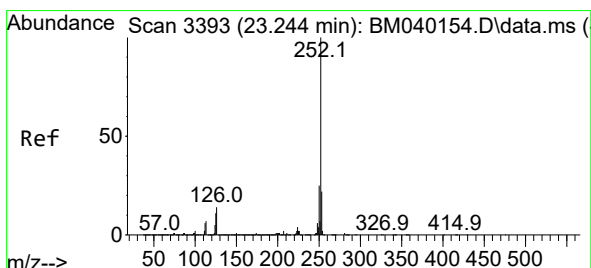
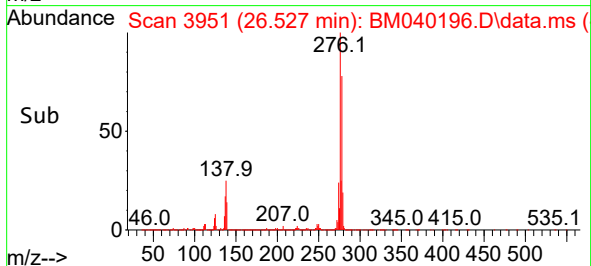
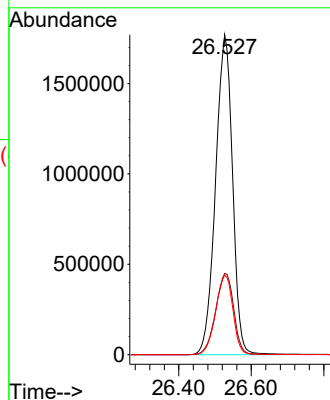
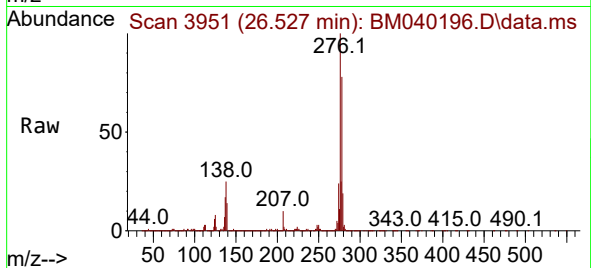
Tgt Ion:276 Resp: 5746392

Ion Ratio Lower Upper

276 100

138 27.0 23.0 34.4

277 25.5 20.2 30.4



#88

Benzo(b)fluoranthene

Concen: 46.106 ng

RT: 23.239 min Scan# 3392

Delta R.T. -0.006 min

Lab File: BM040196.D

Acq: 09 Jun 2023 17:56

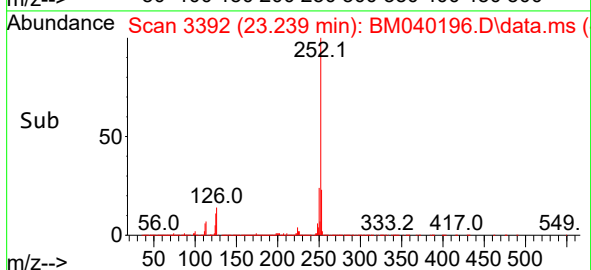
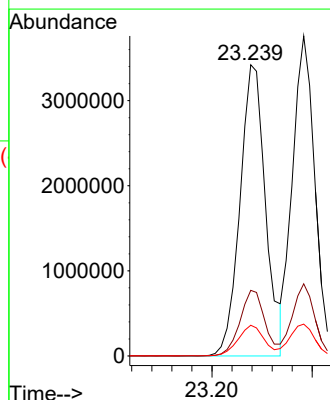
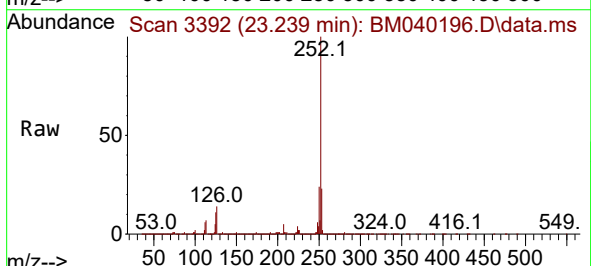
Tgt Ion:252 Resp: 6079863

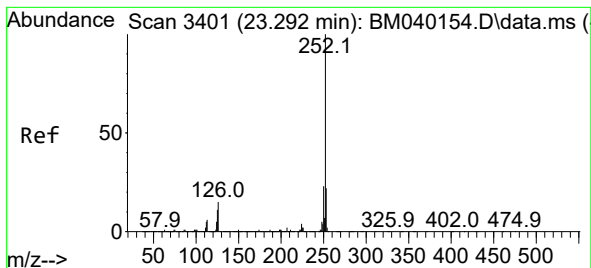
Ion Ratio Lower Upper

252 100

253 22.6 17.6 26.4

125 10.6 8.6 13.0





#89

Benzo(k)fluoranthene

Concen: 42.072 ng

RT: 23.292 min Scan# 3401

Delta R.T. -0.000 min

Lab File: BM040196.D

Acq: 09 Jun 2023 17:56

Instrument :

BNA_M

ClientSampleId :

TP-20-0AMSD

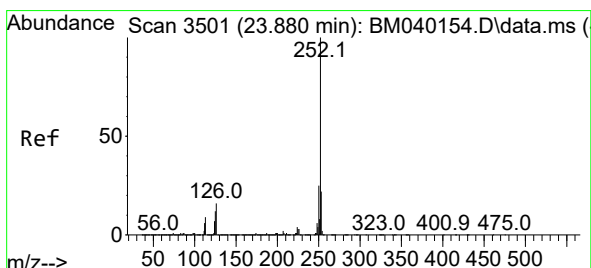
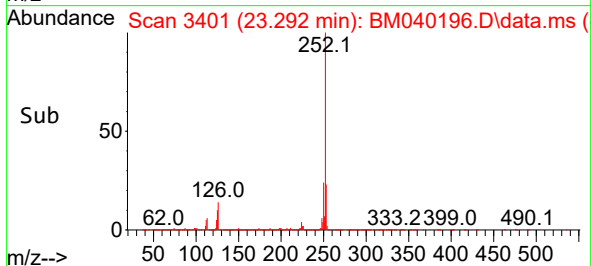
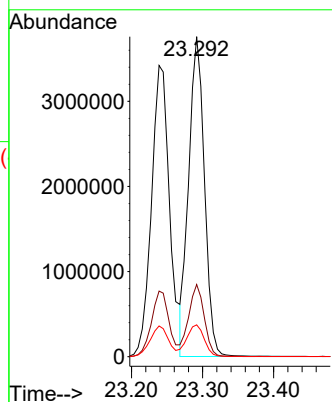
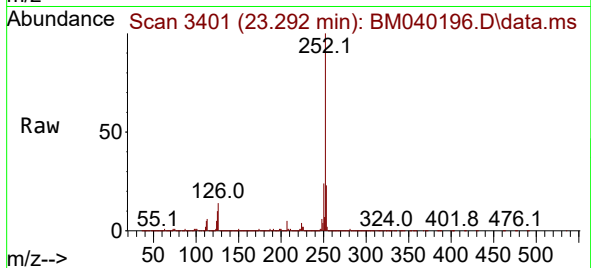
Tgt Ion:252 Resp: 5798412

Ion Ratio Lower Upper

252 100

253 22.5 17.8 26.8

125 9.9 9.0 13.4



#90

Benzo(a)pyrene

Concen: 38.632 ng

RT: 23.874 min Scan# 3500

Delta R.T. -0.006 min

Lab File: BM040196.D

Acq: 09 Jun 2023 17:56

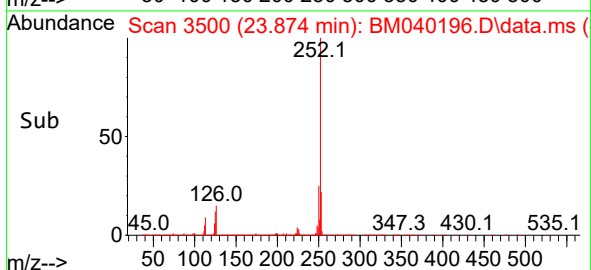
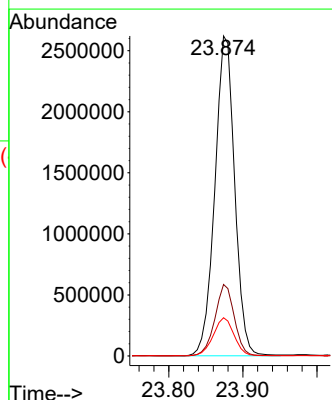
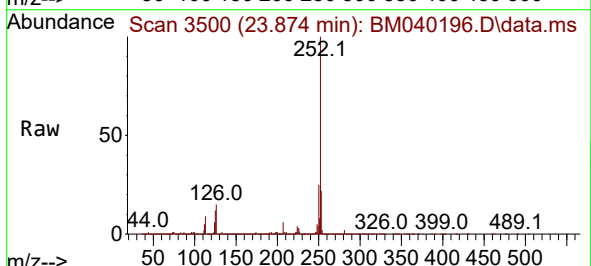
Tgt Ion:252 Resp: 4865057

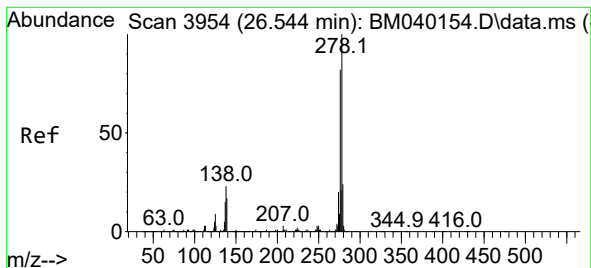
Ion Ratio Lower Upper

252 100

253 22.3 17.5 26.3

125 12.0 9.8 14.8





#91

Dibenzo(a,h)anthracene

Concen: 34.884 ng

RT: 26.538 min Scan# 3953

Delta R.T. -0.006 min

Lab File: BM040196.D

Acq: 09 Jun 2023 17:56

Instrument :

BNA_M

ClientSampleId :

TP-20-0AMSD

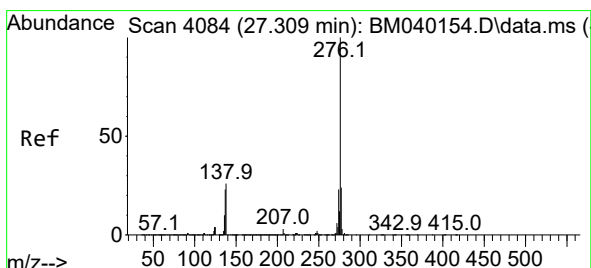
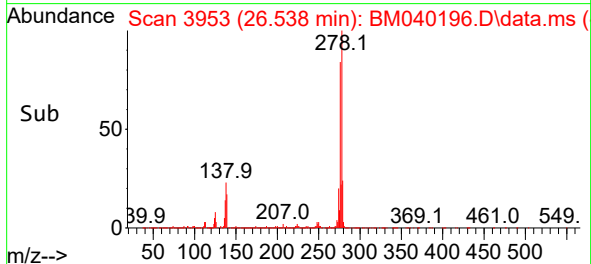
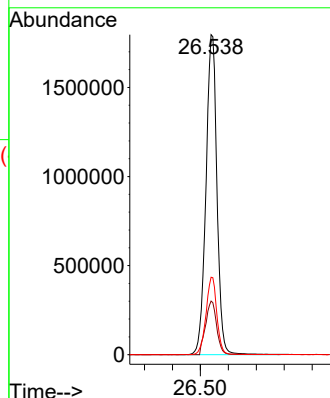
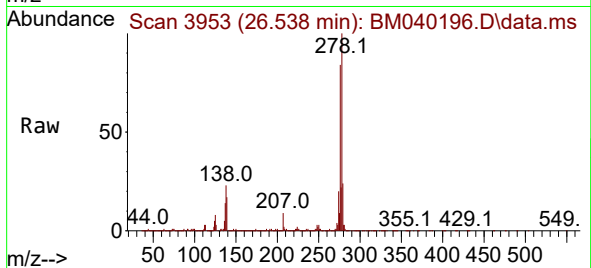
Tgt Ion:278 Resp: 4916296

Ion Ratio Lower Upper

278 100

139 16.7 13.7 20.5

279 24.2 19.2 28.8



#92

Benzo(g,h,i)perylene

Concen: 34.102 ng

RT: 27.309 min Scan# 4084

Delta R.T. -0.000 min

Lab File: BM040196.D

Acq: 09 Jun 2023 17:56

Tgt Ion:276 Resp: 4128437

Ion Ratio Lower Upper

276 100

277 24.0 19.1 28.7

138 23.6 20.7 31.1

