

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091923\
 Data File : BM041917.D
 Acq On : 19 Sep 2023 23:52
 Operator : MA/JU
 Sample : PB155480BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB155480BS

Quant Time: Sep 20 02:13:14 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM091823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 19 04:49:34 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.963	152	306010	20.000	ng	0.00
21) Naphthalene-d8	10.781	136	1259527	20.000	ng	0.00
39) Acenaphthene-d10	14.610	164	753047	20.000	ng	0.00
64) Phenanthrene-d10	17.363	188	1503191	20.000	ng	0.00
76) Chrysene-d12	21.539	240	1191248	20.000	ng	0.00
86) Perylene-d12	23.951	264	1161950	20.000	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.505	112	2913469	158.579	ng	0.00
7) Phenol-d6	7.116	99	3797077	148.850	ng	0.00
23) Nitrobenzene-d5	9.158	82	2354508	95.179	ng	0.00
42) 2,4,6-Tribromophenol	16.104	330	1359849	144.730	ng	0.00
45) 2-Fluorobiphenyl	13.228	172	4949931	96.479	ng	0.00
79) Terphenyl-d14	19.969	244	6962343	106.447	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.411	88	281559	37.572	ng	99
3) Pyridine	3.817	79	800068	34.368	ng	99
4) n-Nitrosodimethylamine	3.740	42	522869	47.253	ng	97
6) Aniline	7.305	93	1322442	39.130	ng	100
8) 2-Chlorophenol	7.522	128	1102268	53.888	ng	98
9) Benzaldehyde	7.122	77	355901	24.678	ng	97
10) Phenol	7.140	94	1409484	53.829	ng	100
11) bis(2-Chloroethyl)ether	7.399	93	1052017	48.166	ng	99
12) 1,3-Dichlorobenzene	7.846	146	1083700	49.619	ng	99
13) 1,4-Dichlorobenzene	7.999	146	1112719	50.140	ng	99
14) 1,2-Dichlorobenzene	8.310	146	1071854	50.247	ng	100
15) Benzyl Alcohol	8.216	79	997039	49.508	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.487	45	1606963	48.107	ng	98
17) 2-Methylphenol	8.399	107	928414	48.761	ng	99
18) Hexachloroethane	9.034	117	407547	48.857	ng	98
19) n-Nitroso-di-n-propyla...	8.781	70	872940	46.035	ng	99
20) 3+4-Methylphenols	8.728	107	1249075	47.794	ng	98
22) Acetophenone	8.810	105	1580157	50.186	ng	# 100
24) Nitrobenzene	9.199	77	1234047	50.259	ng	99
25) Isophorone	9.710	82	2322562	47.569	ng	100
26) 2-Nitrophenol	9.899	139	572471	51.765	ng	98
27) 2,4-Dimethylphenol	9.934	122	958337	48.184	ng	99
28) bis(2-Chloroethoxy)met...	10.193	93	1430794	50.139	ng	99
29) 2,4-Dichlorophenol	10.416	162	1051753	54.643	ng	99
30) 1,2,4-Trichlorobenzene	10.628	180	1023802	51.808	ng	98
31) Naphthalene	10.834	128	3150671	49.688	ng	100
32) Benzoic acid	10.093	122	771332	49.221	ng	98
33) 4-Chloroaniline	10.957	127	701880	24.731	ng	100
34) Hexachlorobutadiene	11.063	225	599058	49.631	ng	99
35) Caprolactam	11.799	113	181314	26.357	ng	93
36) 4-Chloro-3-methylphenol	12.057	107	1100753	51.316	ng	98
37) 2-Methylnaphthalene	12.434	142	2169580	46.535	ng	99
38) 1-Methylnaphthalene	12.657	142	2104268	48.057	ng	99
40) 1,2,4,5-Tetrachloroben...	12.787	216	1120130	51.290	ng	100
41) Hexachlorocyclopentadiene	12.740	237	1418897	115.547	ng	100
43) 2,4,6-Trichlorophenol	13.034	196	806333	54.253	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091923\
 Data File : BM041917.D
 Acq On : 19 Sep 2023 23:52
 Operator : MA/JU
 Sample : PB155480BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB155480BS

Quant Time: Sep 20 02:13:14 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM091823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 19 04:49:34 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.104	196	875075	50.309	ng	98
46) 1,1'-Biphenyl	13.445	154	2862969	51.528	ng	100
47) 2-Chloronaphthalene	13.493	162	2173151	53.708	ng	100
48) 2-Nitroaniline	13.722	65	746144	51.607	ng	99
49) Acenaphthylene	14.340	152	3602680	53.651	ng	99
50) Dimethylphthalate	14.075	163	2778830	49.914	ng	99
51) 2,6-Dinitrotoluene	14.210	165	605608	51.332	ng	98
52) Acenaphthene	14.675	154	2037558	50.449	ng	99
53) 3-Nitroaniline	14.551	138	470373	35.621	ng	100
54) 2,4-Dinitrophenol	14.751	184	766431	104.017	ng	95
55) Dibenzofuran	15.010	168	3256661	49.952	ng	100
56) 4-Nitrophenol	14.839	139	1084919	103.593	ng	98
57) 2,4-Dinitrotoluene	14.998	165	801654	51.358	ng	98
58) Fluorene	15.663	166	2578699	50.171	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.222	232	739290	51.782	ng	99
60) Diethylphthalate	15.422	149	2720842	49.131	ng	99
61) 4-Chlorophenyl-phenyle...	15.645	204	1339280	49.668	ng	99
62) 4-Nitroaniline	15.722	138	591639	46.592	ng	98
63) Azobenzene	15.945	77	2839157	50.571	ng	99
65) 4,6-Dinitro-2-methylph...	15.745	198	448257	51.931	ng	99
66) n-Nitrosodiphenylamine	15.875	169	2282568	53.765	ng	100
67) 4-Bromophenyl-phenylether	16.545	248	798527	51.550	ng	98
68) Hexachlorobenzene	16.633	284	918351	55.994	ng	99
69) Atrazine	16.816	200	804088	60.736	ng	100
70) Pentachlorophenol	16.992	266	1253321	101.142	ng	98
71) Phenanthrene	17.410	178	3978935	53.075	ng	100
72) Anthracene	17.498	178	3999199	52.293	ng	99
73) Carbazole	17.780	167	3664722	52.261	ng	100
74) Di-n-butylphthalate	18.298	149	4668690	51.860	ng	100
75) Fluoranthene	19.416	202	4437709	50.421	ng	100
77) Benzidine	19.616	184	1814075	74.605	ng	99
78) Pyrene	19.780	202	4580598	55.262	ng	100
80) Butylbenzylphthalate	20.651	149	1941841	52.673	ng	98
81) Benzo(a)anthracene	21.521	228	4095569	52.714	ng	100
82) 3,3'-Dichlorobenzidine	21.457	252	1236508	45.192	ng	99
83) Chrysene	21.574	228	3708964	50.931	ng	100
84) Bis(2-ethylhexyl)phtha...	21.398	149	2825705	51.667	ng	100
85) Di-n-octyl phthalate	22.327	149	4716040	51.228	ng	100
87) Indeno(1,2,3-cd)pyrene	26.462	276	3775037	54.414	ng	100
88) Benzo(b)fluoranthene	23.210	252	3710182	54.692	ng	99
89) Benzo(k)fluoranthene	23.257	252	3463251	51.662	ng	100
90) Benzo(a)pyrene	23.845	252	3135331	49.255	ng	100
91) Dibenzo(a,h)anthracene	26.480	278	3177818	54.944	ng	100
92) Benzo(g,h,i)perylene	27.245	276	2985840	54.031	ng	99

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

BNA M

BNA M

ClientSampleId :

PB155480BS

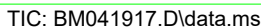
Quant Time: Sep 20 02:13:14 2023

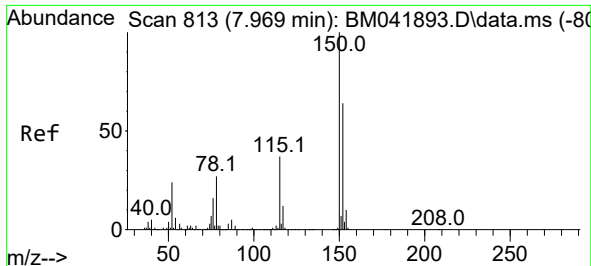
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM091823.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Sep 19 04:49:34 2023

Response via : Initial Calibration

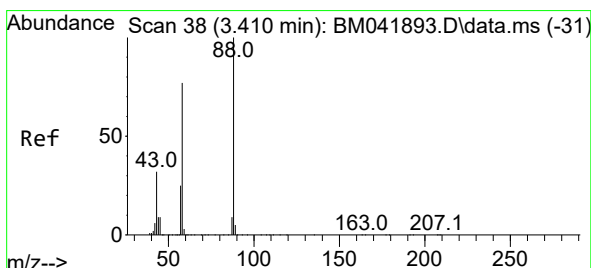
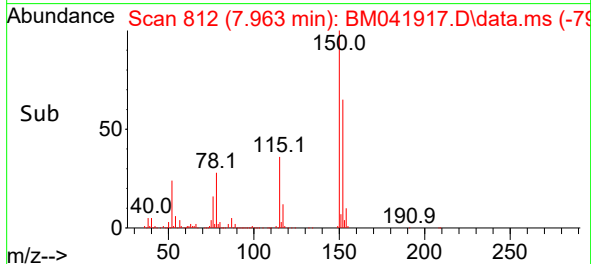
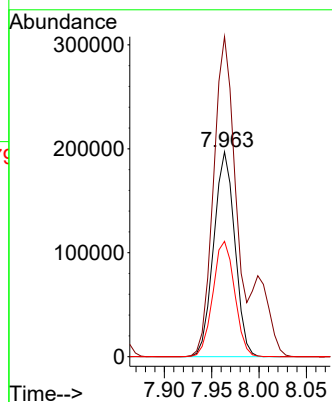
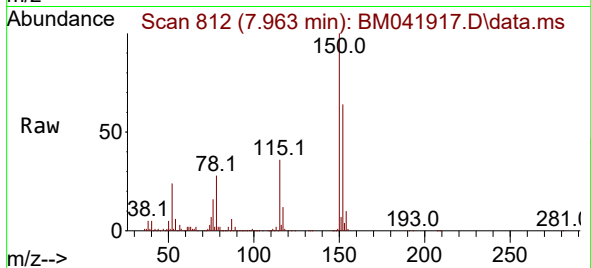




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.963 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM041917.D
Acq: 19 Sep 2023 23:52

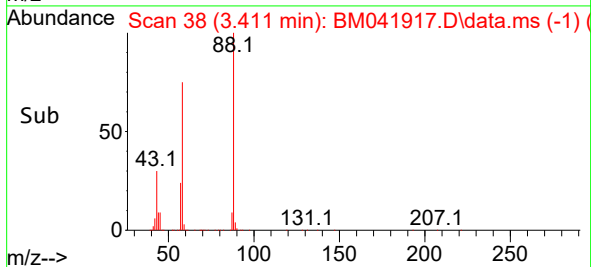
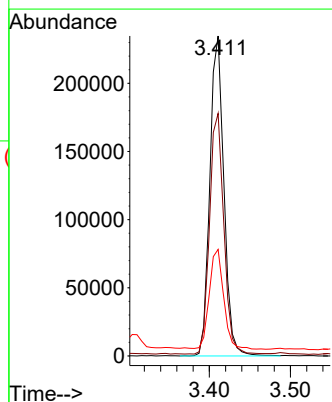
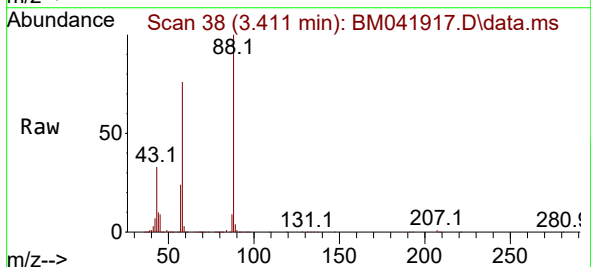
Instrument :
BNA_M
ClientSampleId :
PB155480BS

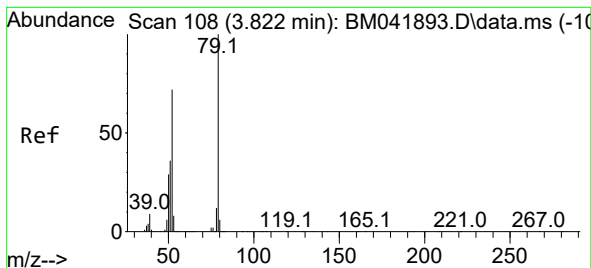
Tgt Ion:152 Resp: 306010
Ion Ratio Lower Upper
152 100
150 156.3 125.9 188.9
115 56.3 46.8 70.2



#2
1,4-Dioxane
Concen: 37.572 ng
RT: 3.411 min Scan# 38
Delta R.T. 0.000 min
Lab File: BM041917.D
Acq: 19 Sep 2023 23:52

Tgt Ion: 88 Resp: 281559
Ion Ratio Lower Upper
88 100
58 76.4 62.4 93.6
43 31.9 25.8 38.6





#3

Pyridine

Concen: 34.368 ng

RT: 3.817 min Scan# 10

Delta R.T. -0.006 min

Lab File: BM041917.D

Acq: 19 Sep 2023 23:52

Instrument :

BNA_M

ClientSampleId :

PB155480BS

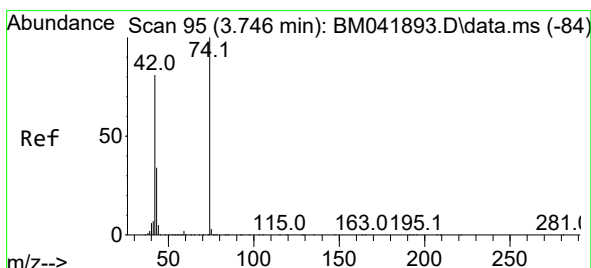
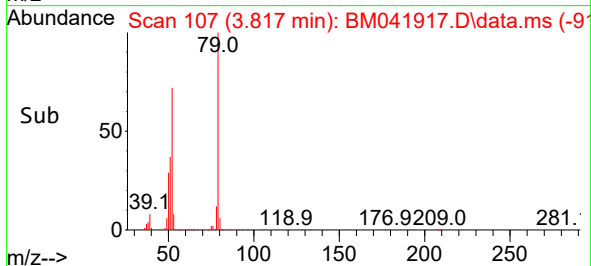
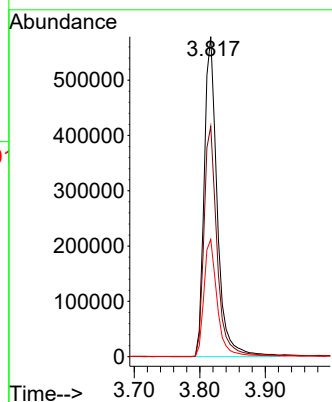
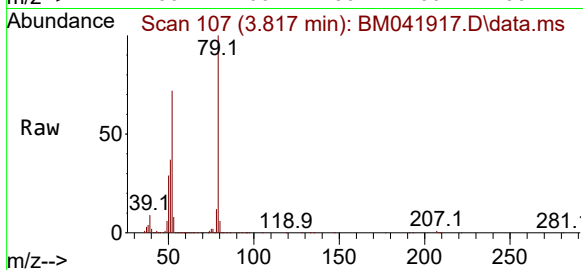
Tgt Ion: 79 Resp: 800068

Ion Ratio Lower Upper

79 100

52 72.0 57.2 85.8

51 36.6 28.9 43.3



#4

n-Nitrosodimethylamine

Concen: 47.253 ng

RT: 3.740 min Scan# 94

Delta R.T. -0.006 min

Lab File: BM041917.D

Acq: 19 Sep 2023 23:52

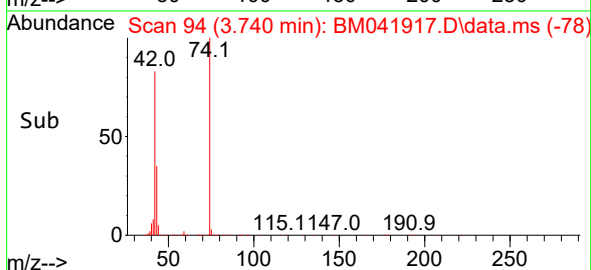
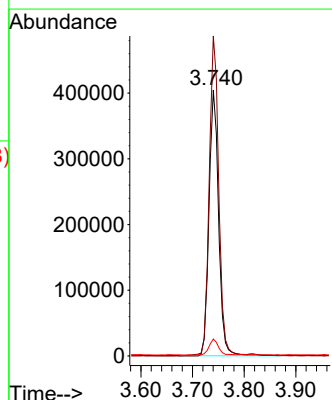
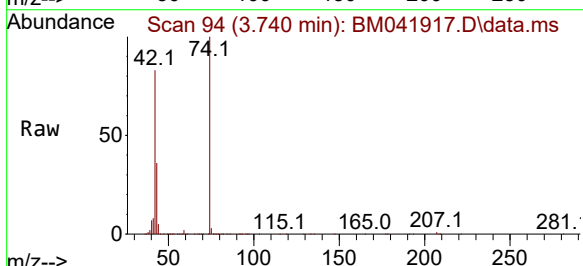
Tgt Ion: 42 Resp: 522869

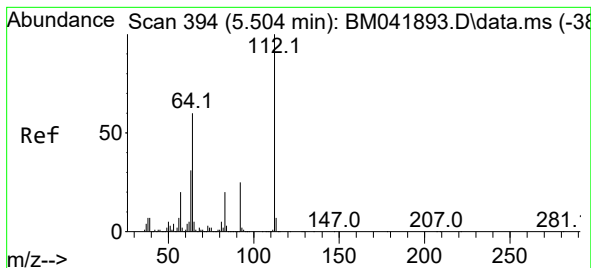
Ion Ratio Lower Upper

42 100

74 120.3 98.8 148.2

44 6.4 5.1 7.7





#5

2-Fluorophenol

Concen: 158.579 ng

RT: 5.505 min Scan# 394

Delta R.T. 0.000 min

Lab File: BM041917.D

Acq: 19 Sep 2023 23:52

Instrument :

BNA_M

ClientSampleId :

PB155480BS

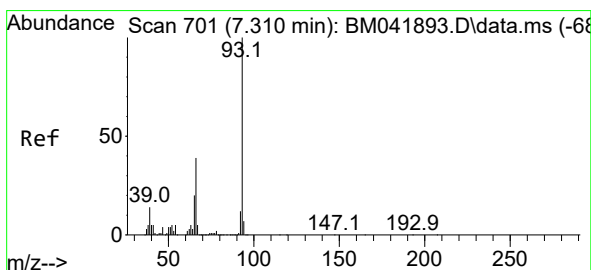
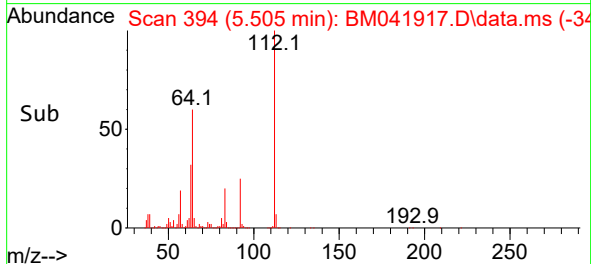
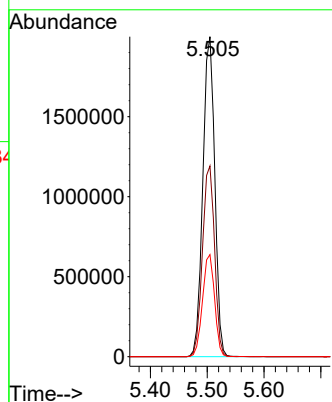
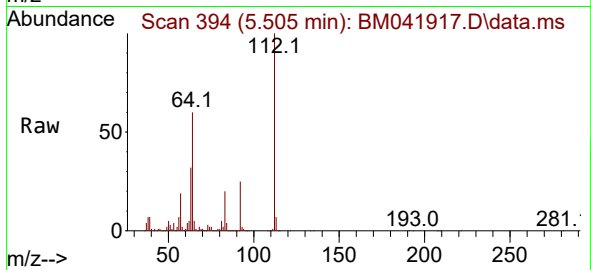
Tgt Ion:112 Resp: 2913469

Ion Ratio Lower Upper

112 100

64 59.6 48.1 72.1

63 31.9 25.0 37.6



#6

Aniline

Concen: 39.130 ng

RT: 7.305 min Scan# 700

Delta R.T. -0.006 min

Lab File: BM041917.D

Acq: 19 Sep 2023 23:52

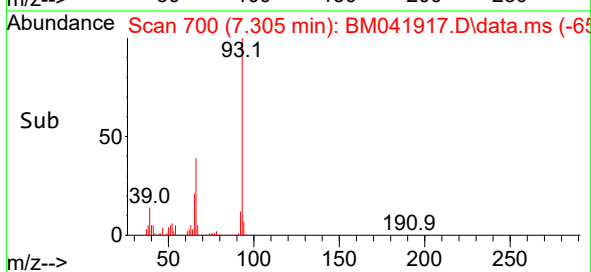
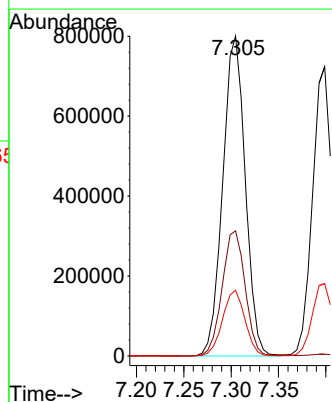
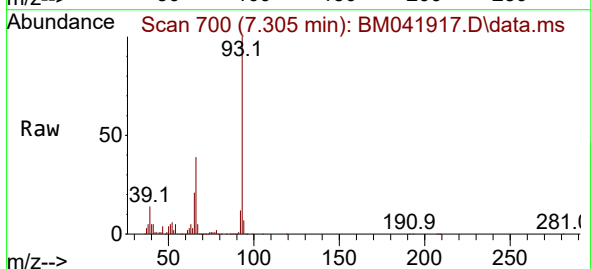
Tgt Ion: 93 Resp: 1322442

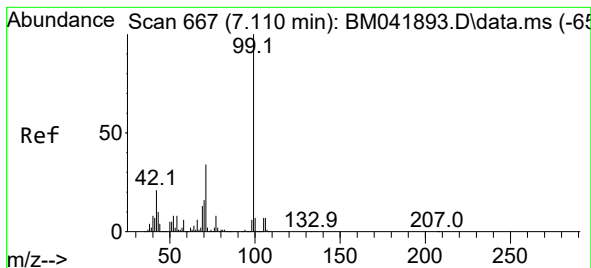
Ion Ratio Lower Upper

93 100

66 39.1 31.4 47.2

65 20.6 16.2 24.4





#7

Phenol-d6

Concen: 148.850 ng

RT: 7.116 min Scan# 668

Delta R.T. 0.006 min

Lab File: BM041917.D

Acq: 19 Sep 2023 23:52

Instrument :

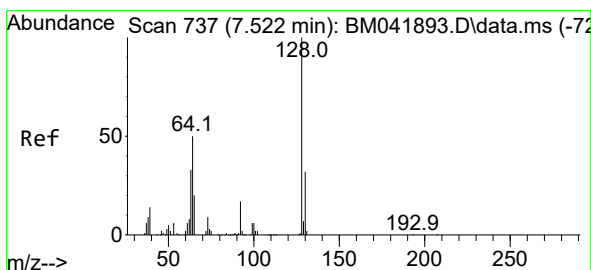
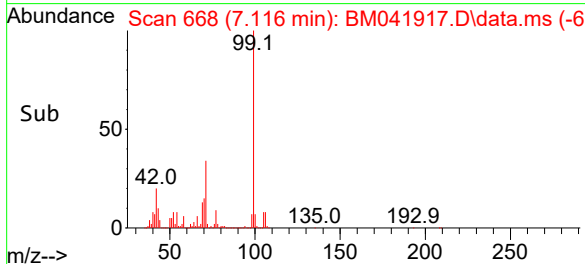
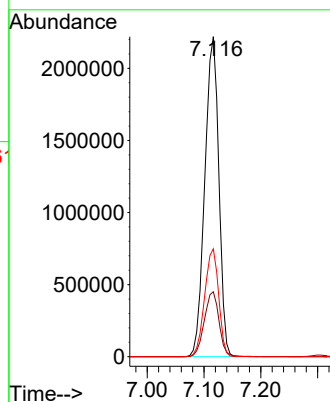
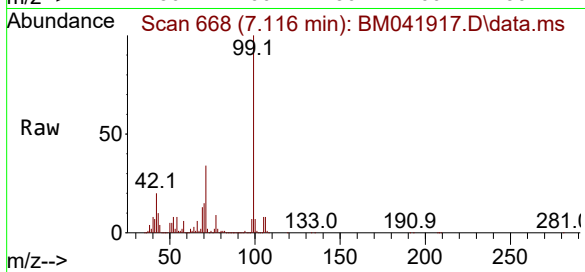
BNA_M

ClientSampleId :

PB155480BS

Tgt Ion: 99 Resp: 3797077

Ion	Ratio	Lower	Upper
99	100		
42	20.3	16.6	25.0
71	33.7	26.8	40.2



#8

2-Chlorophenol

Concen: 53.888 ng

RT: 7.522 min Scan# 737

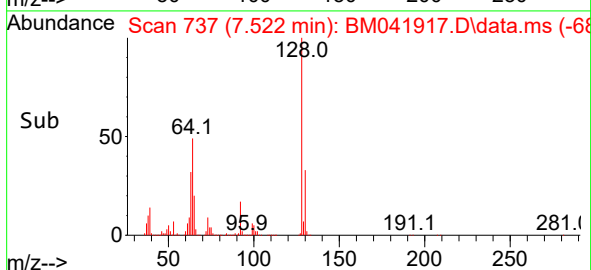
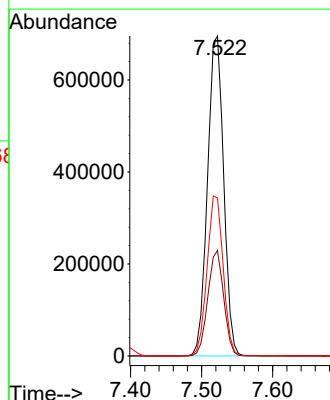
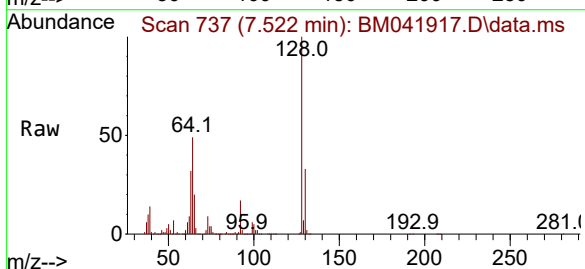
Delta R.T. 0.000 min

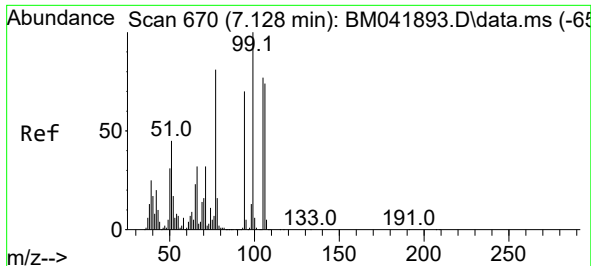
Lab File: BM041917.D

Acq: 19 Sep 2023 23:52

Tgt Ion:128 Resp: 1102268

Ion	Ratio	Lower	Upper
128	100		
130	32.9	12.4	52.4
64	49.4	31.7	71.7

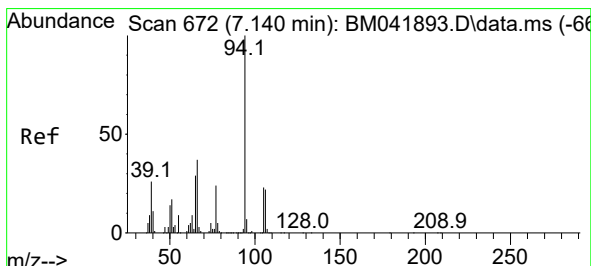
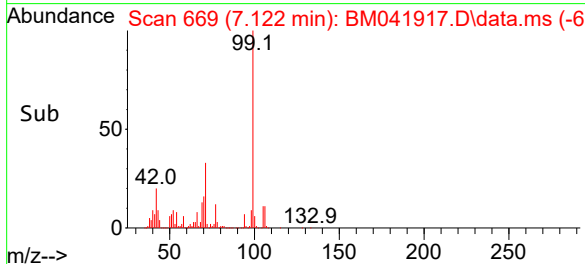
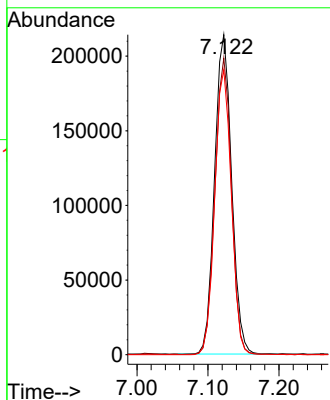
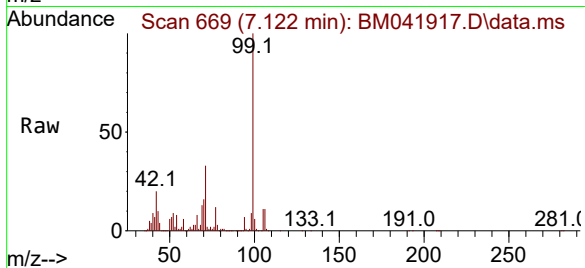




#9
Benzaldehyde
Concen: 24.678 ng
RT: 7.122 min Scan# 669
Delta R.T. -0.006 min
Lab File: BM041917.D
Acq: 19 Sep 2023 23:52

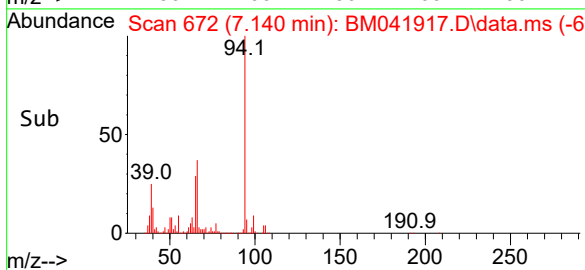
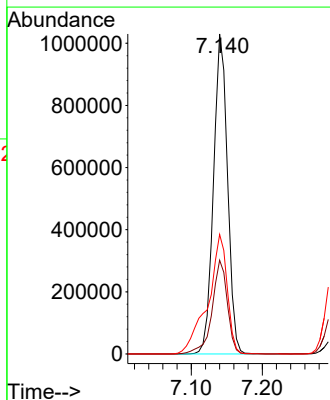
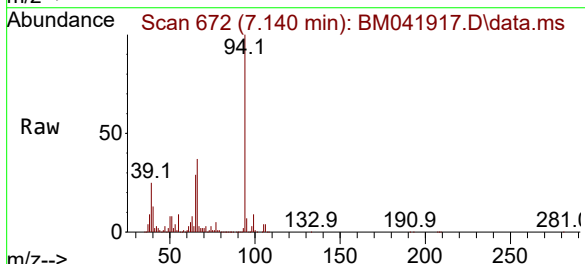
Instrument :
BNA_M
ClientSampleId :
PB155480BS

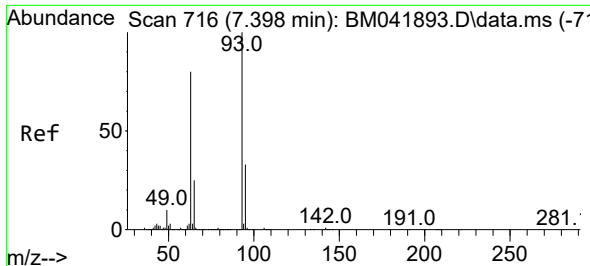
Tgt Ion: 77 Resp: 355901
Ion Ratio Lower Upper
77 100
105 92.6 75.1 115.1
106 89.0 71.6 111.6



#10
Phenol
Concen: 53.829 ng
RT: 7.140 min Scan# 672
Delta R.T. 0.000 min
Lab File: BM041917.D
Acq: 19 Sep 2023 23:52

Tgt Ion: 94 Resp: 1409484
Ion Ratio Lower Upper
94 100
65 29.3 9.1 49.1
66 37.3 17.3 57.3

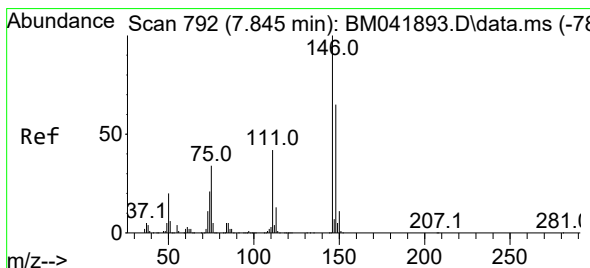
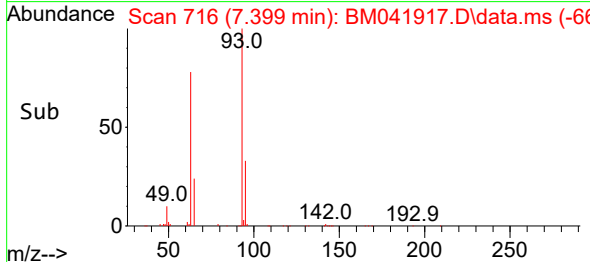
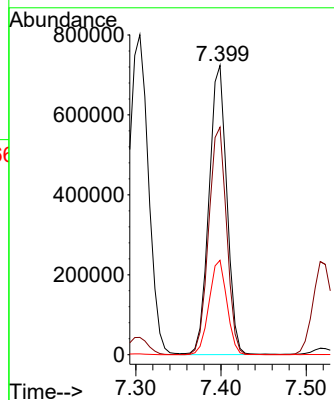
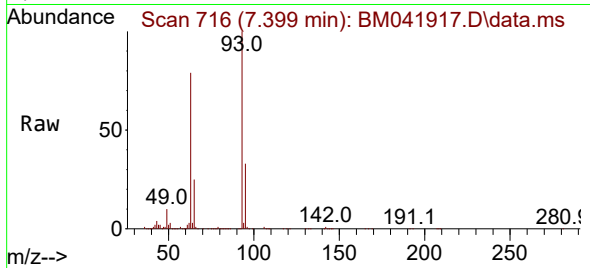




#11
bis(2-Chloroethyl)ether
Concen: 48.166 ng
RT: 7.399 min Scan# 716
Delta R.T. 0.000 min
Lab File: BM041917.D
Acq: 19 Sep 2023 23:52

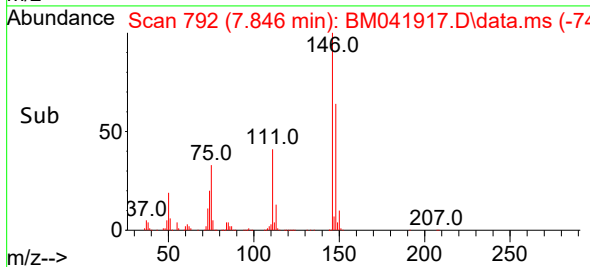
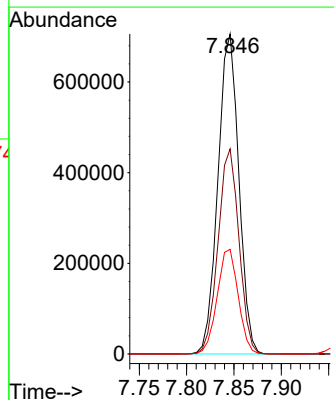
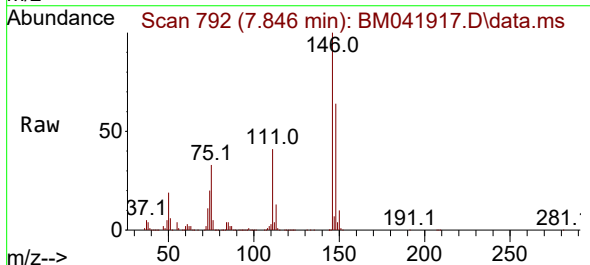
Instrument :
BNA_M
ClientSampleId :
PB155480BS

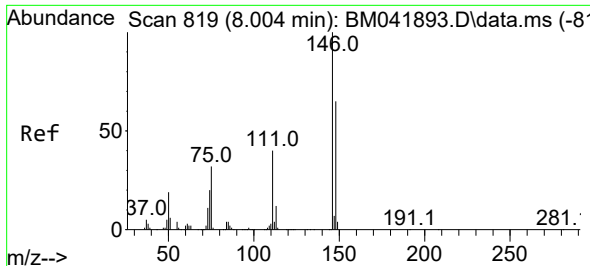
Tgt Ion: 93 Resp: 1052017
Ion Ratio Lower Upper
93 100
63 78.7 59.5 99.5
95 32.6 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 49.619 ng
RT: 7.846 min Scan# 792
Delta R.T. 0.000 min
Lab File: BM041917.D
Acq: 19 Sep 2023 23:52

Tgt Ion: 146 Resp: 1083700
Ion Ratio Lower Upper
146 100
148 64.1 51.7 77.5
75 32.7 27.2 40.8

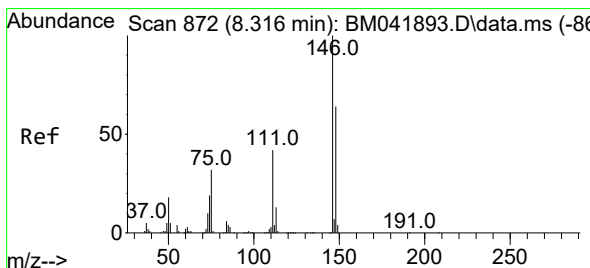
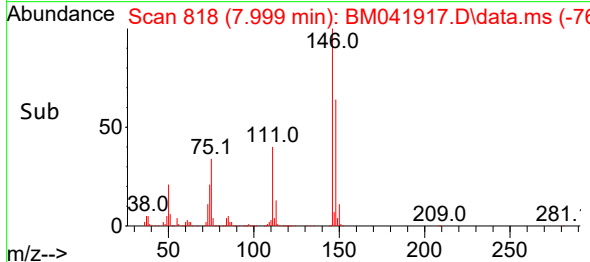
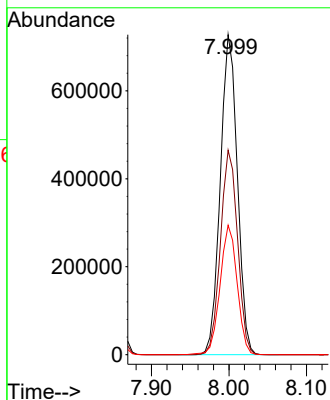
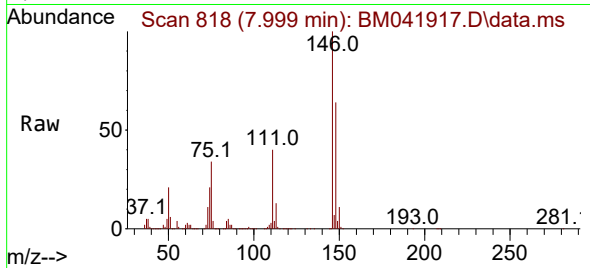




#13
1,4-Dichlorobenzene
Concen: 50.140 ng
RT: 7.999 min Scan# 819
Delta R.T. -0.006 min
Lab File: BM041917.D
Acq: 19 Sep 2023 23:52

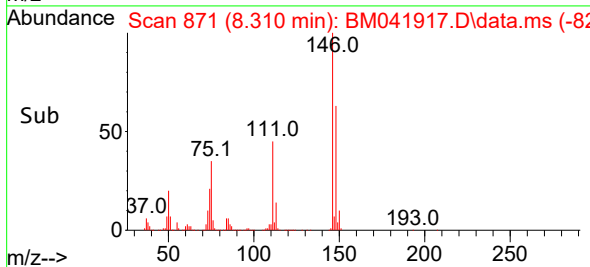
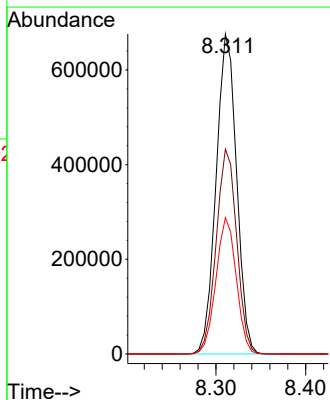
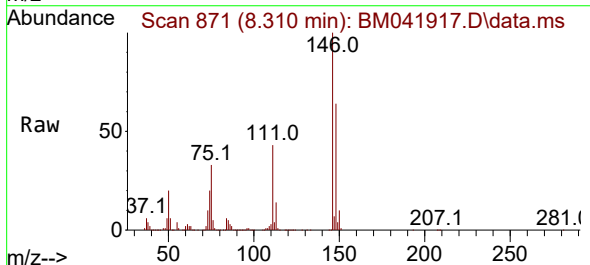
Instrument :
BNA_M
ClientSampleId :
PB155480BS

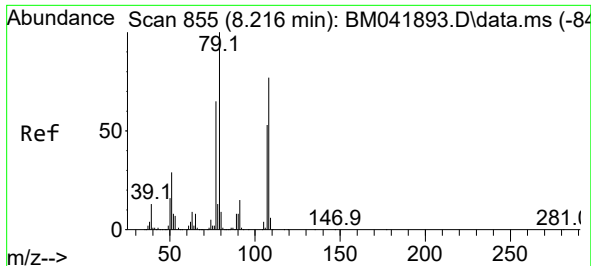
Tgt Ion:146 Resp: 1112719
Ion Ratio Lower Upper
146 100
148 63.9 51.9 77.9
111 40.4 32.1 48.1



#14
1,2-Dichlorobenzene
Concen: 50.247 ng
RT: 8.310 min Scan# 871
Delta R.T. -0.006 min
Lab File: BM041917.D
Acq: 19 Sep 2023 23:52

Tgt Ion:146 Resp: 1071854
Ion Ratio Lower Upper
146 100
148 64.0 51.5 77.3
111 42.6 34.0 51.0

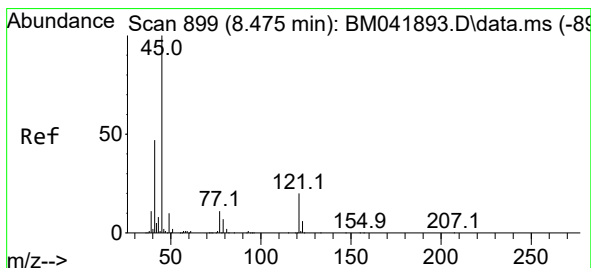
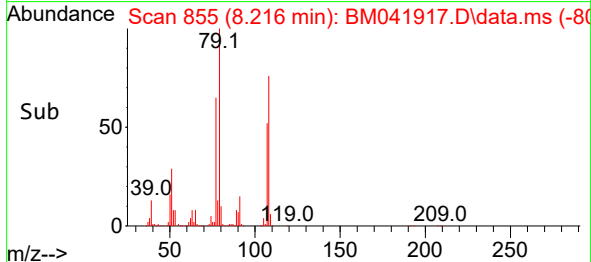
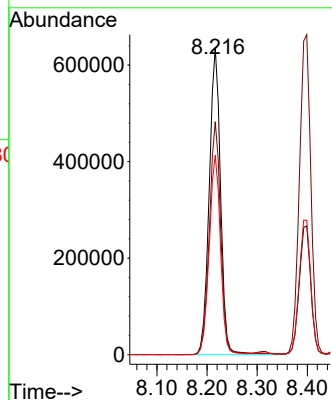
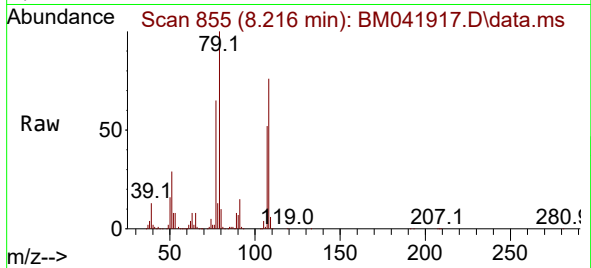




#15
Benzyl Alcohol
Concen: 49.508 ng
RT: 8.216 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM041917.D
Acq: 19 Sep 2023 23:52

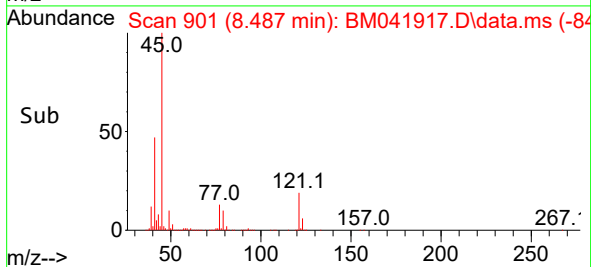
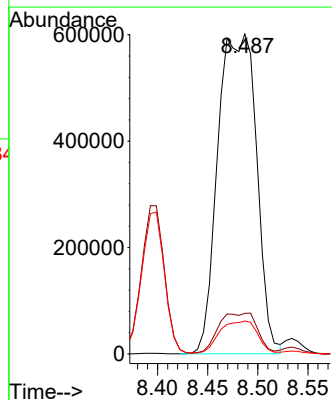
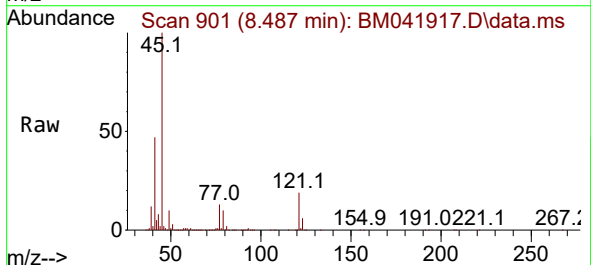
Instrument :
BNA_M
ClientSampleId :
PB155480BS

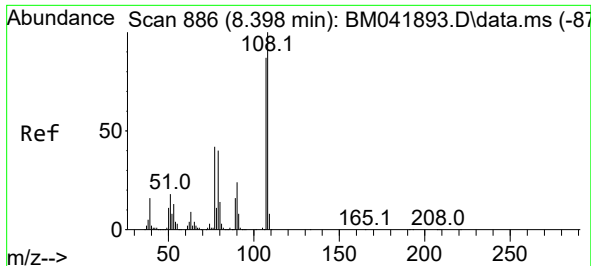
Tgt Ion: 79 Resp: 997039
Ion Ratio Lower Upper
79 100
108 75.9 61.4 92.0
77 65.0 52.0 78.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.107 ng
RT: 8.487 min Scan# 901
Delta R.T. 0.012 min
Lab File: BM041917.D
Acq: 19 Sep 2023 23:52

Tgt Ion: 45 Resp: 1606963
Ion Ratio Lower Upper
45 100
77 12.7 0.0 33.4
79 10.3 0.0 29.6

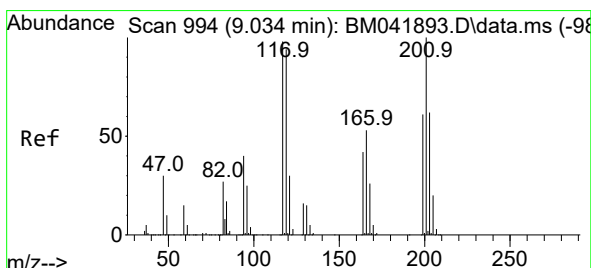
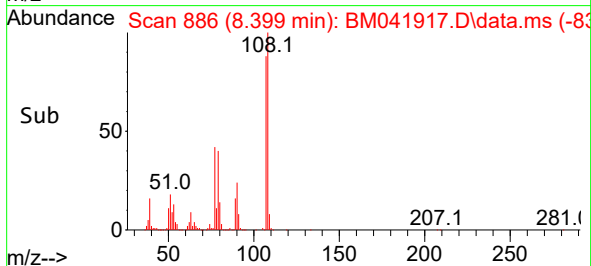
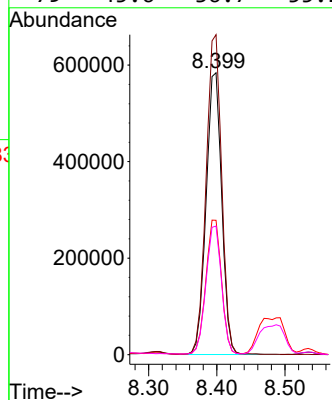
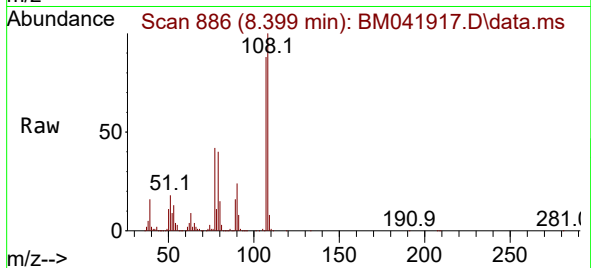




#17
2-Methylphenol
Concen: 48.761 ng
RT: 8.399 min Scan# 886
Delta R.T. 0.000 min
Lab File: BM041917.D
Acq: 19 Sep 2023 23:52

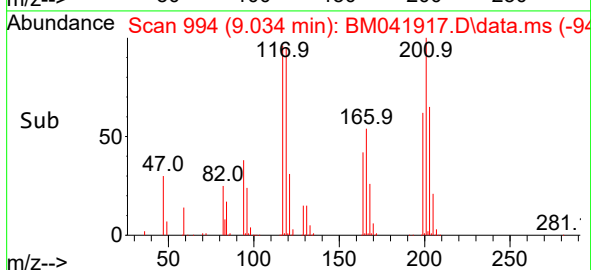
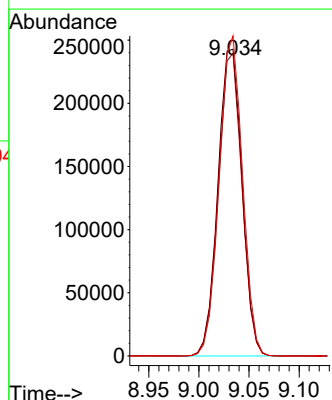
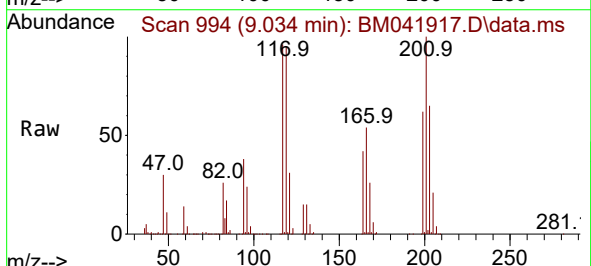
Instrument :
BNA_M
ClientSampleId :
PB155480BS

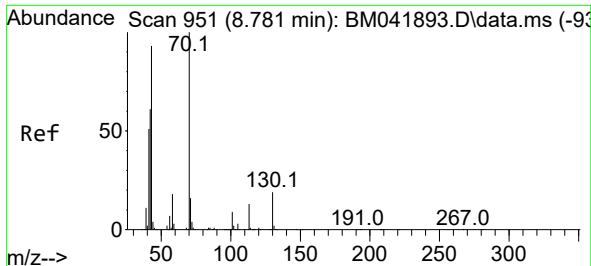
Tgt Ion:	107	Resp:	928414
Ion	Ratio	Lower	Upper
107	100		
108	113.5	91.9	137.9
77	47.6	39.0	58.6
79	45.6	36.7	55.1



#18
Hexachloroethane
Concen: 48.857 ng
RT: 9.034 min Scan# 994
Delta R.T. 0.000 min
Lab File: BM041917.D
Acq: 19 Sep 2023 23:52

Tgt Ion:	117	Resp:	407547
Ion	Ratio	Lower	Upper
117	100		
119	98.7	77.2	115.8
201	104.4	81.9	122.9

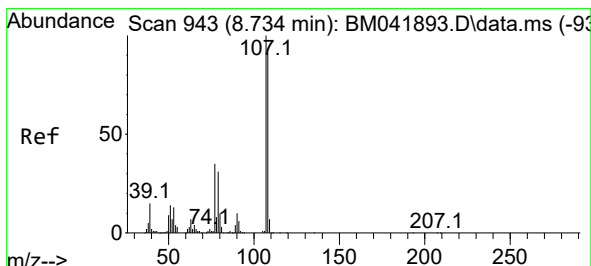
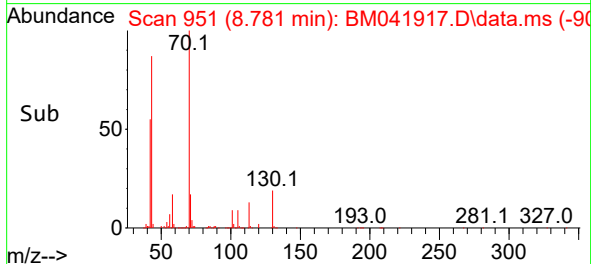
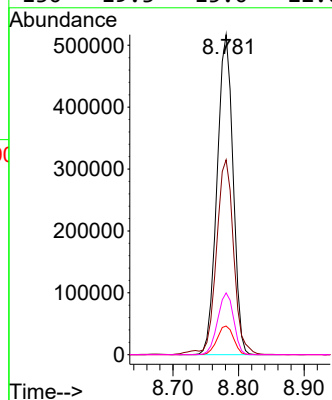
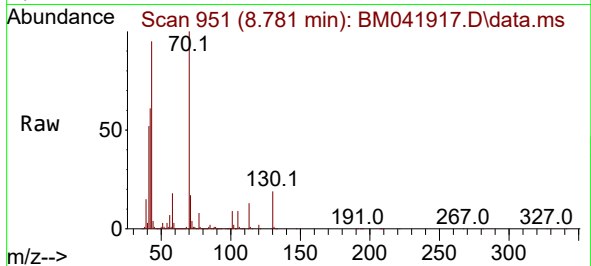




#19
n-Nitroso-di-n-propylamine
Concen: 46.035 ng
RT: 8.781 min Scan# 91
Delta R.T. 0.000 min
Lab File: BM041917.D
Acq: 19 Sep 2023 23:52

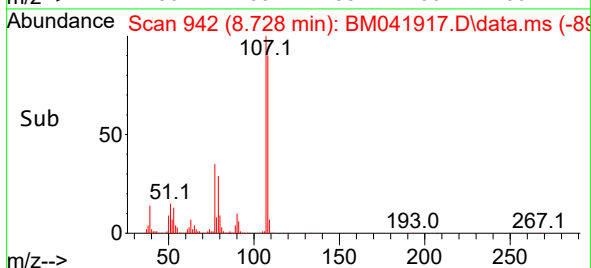
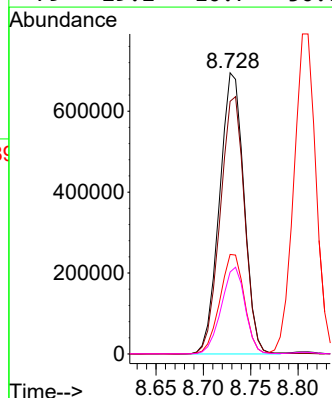
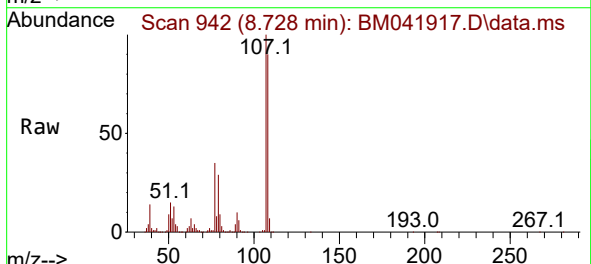
Instrument :
BNA_M
ClientSampleId :
PB155480BS

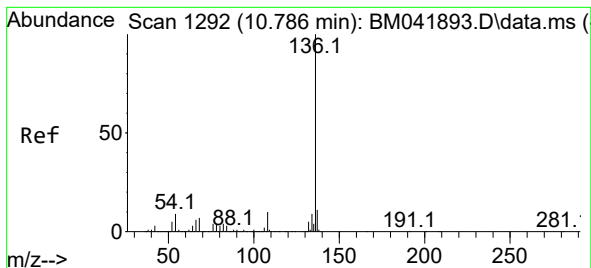
Tgt Ion: 70 Resp: 872940
Ion Ratio Lower Upper
70 100
42 60.9 49.2 73.8
101 8.9 7.0 10.6
130 19.3 15.0 22.6



#20
3+4-Methylphenols
Concen: 47.794 ng
RT: 8.728 min Scan# 942
Delta R.T. -0.006 min
Lab File: BM041917.D
Acq: 19 Sep 2023 23:52

Tgt Ion: 107 Resp: 1249075
Ion Ratio Lower Upper
107 100
108 89.9 71.5 111.5
77 35.4 14.9 54.9
79 29.2 10.7 50.7

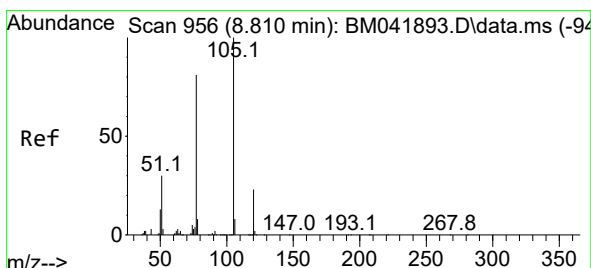
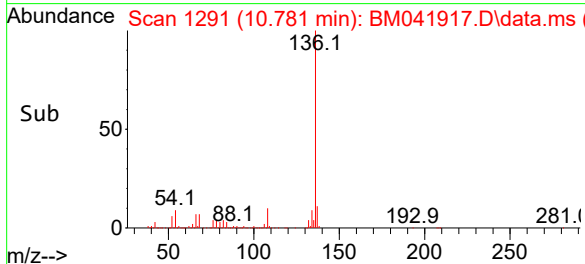
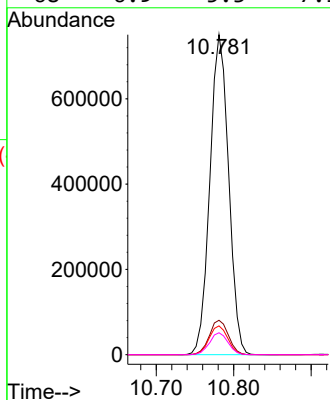
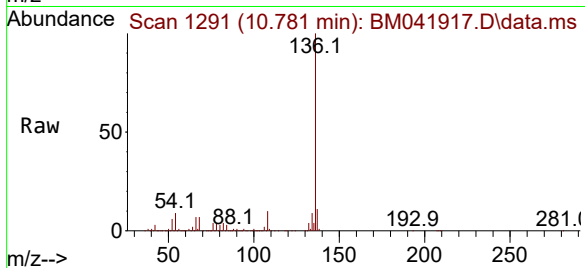




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.781 min Scan# 1292
Delta R.T. -0.006 min
Lab File: BM041917.D
Acq: 19 Sep 2023 23:52

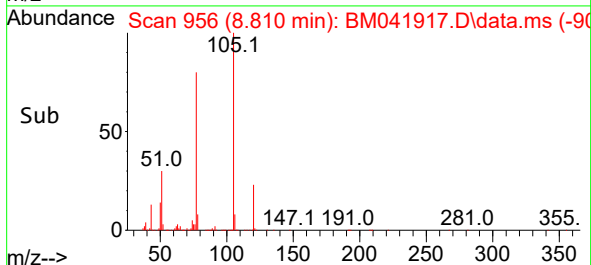
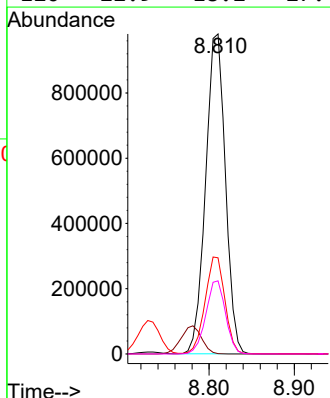
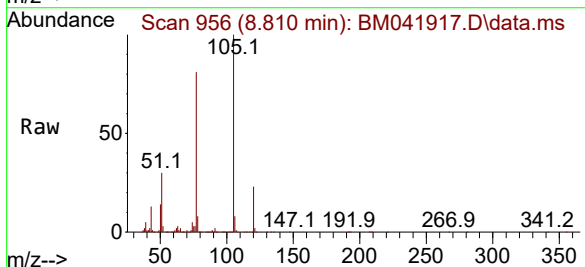
Instrument :
BNA_M
ClientSampleId :
PB155480BS

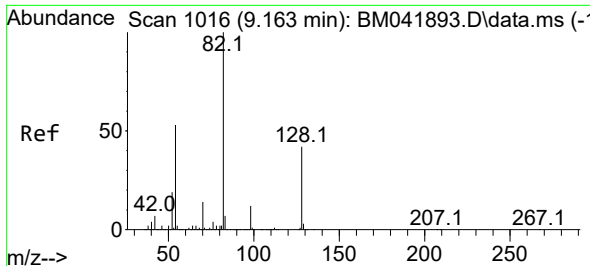
Tgt Ion:136 Resp: 1259527
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 9.0 7.0 10.4
68 6.9 5.3 7.9



#22
Acetophenone
Concen: 50.186 ng
RT: 8.810 min Scan# 956
Delta R.T. 0.000 min
Lab File: BM041917.D
Acq: 19 Sep 2023 23:52

Tgt Ion:105 Resp: 1580157
Ion Ratio Lower Upper
105 100
71 0.1 0.2 0.2#
51 30.1 24.3 36.5
120 22.9 18.2 27.4

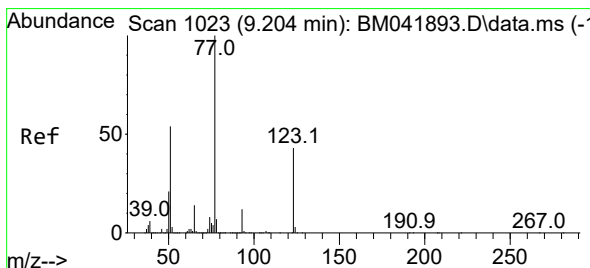
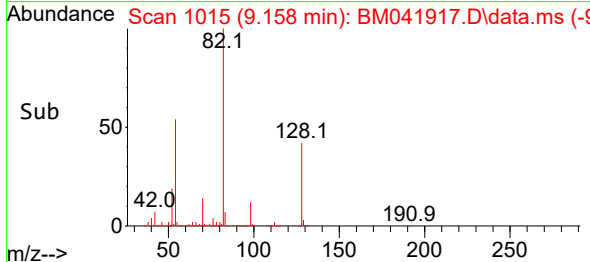
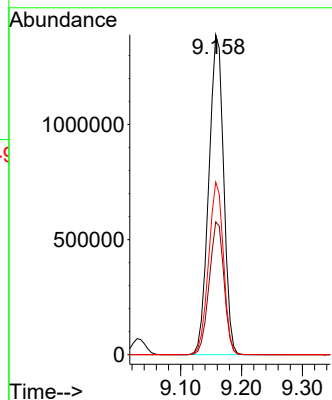
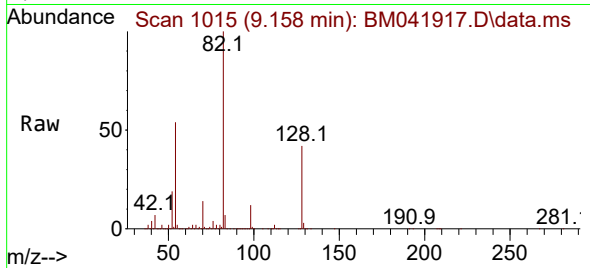




#23
Nitrobenzene-d5
Concen: 95.179 ng
RT: 9.158 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BM041917.D
Acq: 19 Sep 2023 23:52

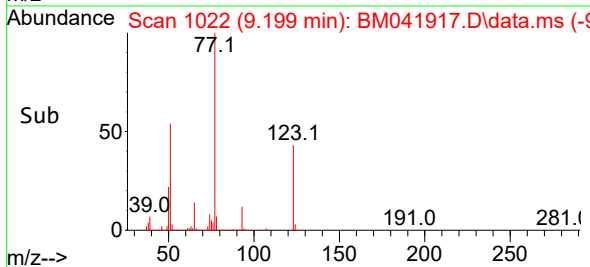
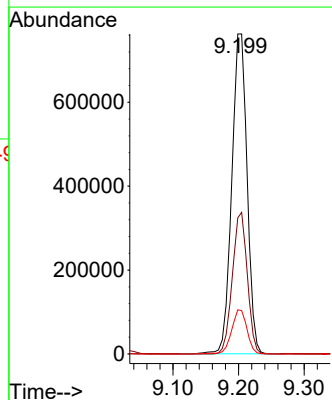
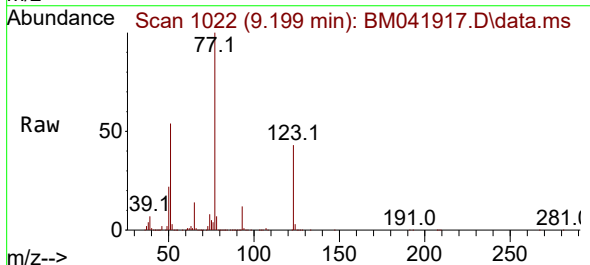
Instrument :
BNA_M
ClientSampleId :
PB155480BS

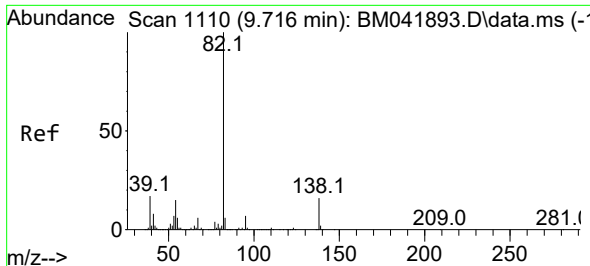
Tgt Ion: 82 Resp: 2354508
Ion Ratio Lower Upper
82 100
128 41.5 33.8 50.6
54 53.9 42.8 64.2



#24
Nitrobenzene
Concen: 50.259 ng
RT: 9.199 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BM041917.D
Acq: 19 Sep 2023 23:52

Tgt Ion: 77 Resp: 1234047
Ion Ratio Lower Upper
77 100
123 42.6 34.6 52.0
65 13.8 11.1 16.7

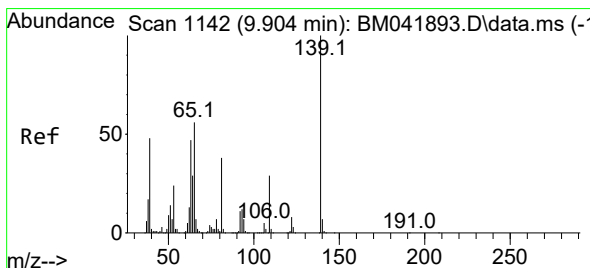
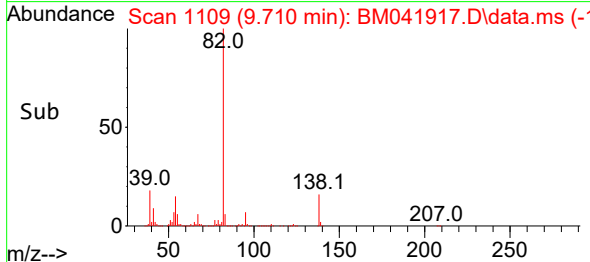
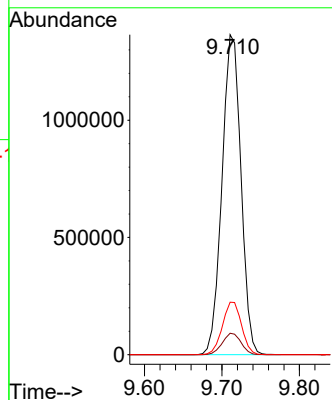
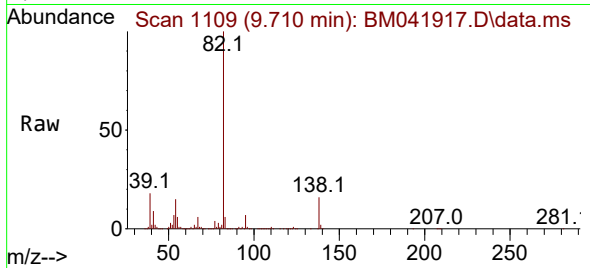




#25
Isophorone
Concen: 47.569 ng
RT: 9.710 min Scan# 1110
Delta R.T. -0.006 min
Lab File: BM041917.D
Acq: 19 Sep 2023 23:52

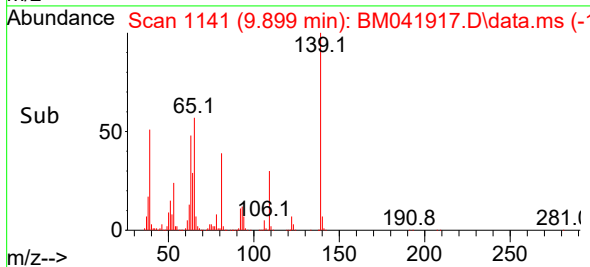
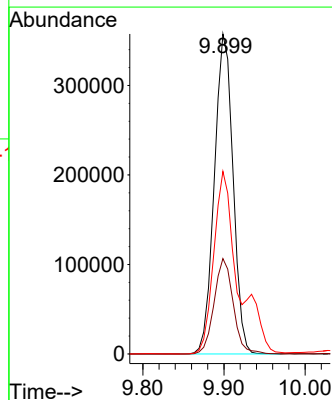
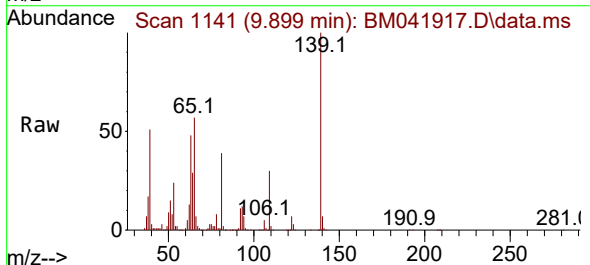
Instrument :
BNA_M
ClientSampleId :
PB155480BS

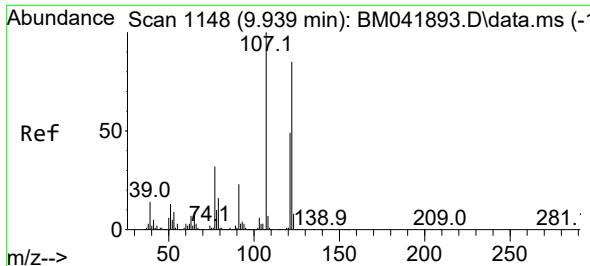
Tgt Ion: 82 Resp: 2322562
Ion Ratio Lower Upper
82 100
95 6.7 5.4 8.0
138 16.4 13.1 19.7



#26
2-Nitrophenol
Concen: 51.765 ng
RT: 9.899 min Scan# 1141
Delta R.T. -0.006 min
Lab File: BM041917.D
Acq: 19 Sep 2023 23:52

Tgt Ion: 139 Resp: 572471
Ion Ratio Lower Upper
139 100
109 29.8 23.0 34.4
65 57.0 44.5 66.7

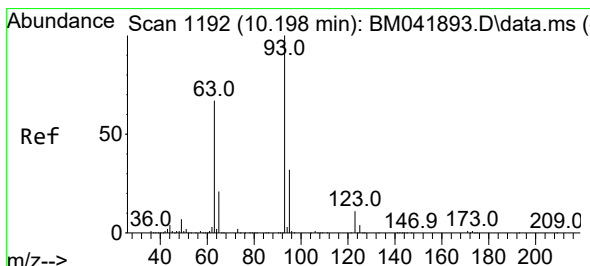
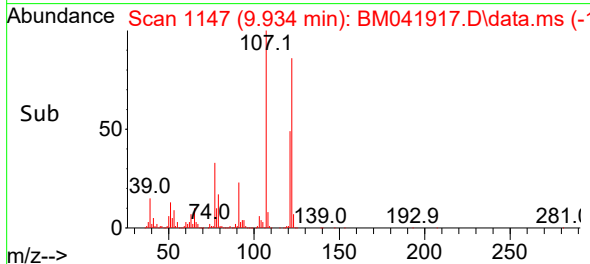
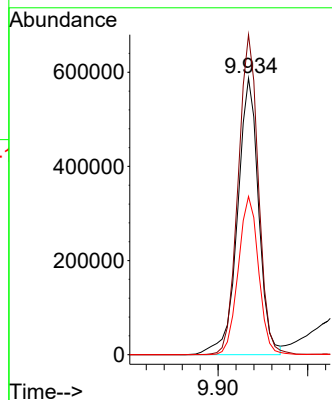
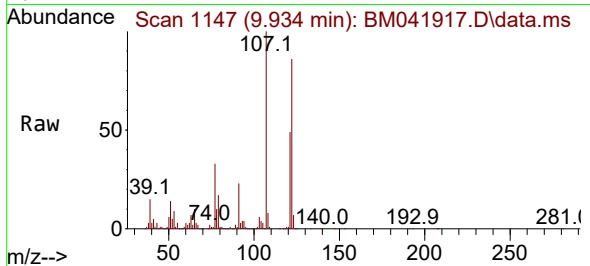




#27
 2,4-Dimethylphenol
 Concen: 48.184 ng
 RT: 9.934 min Scan# 1147
 Delta R.T. -0.006 min
 Lab File: BM041917.D
 Acq: 19 Sep 2023 23:52

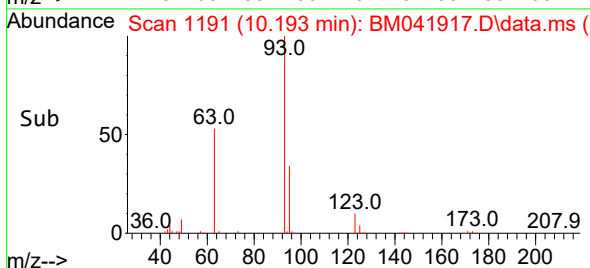
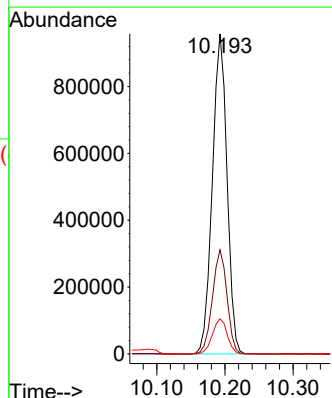
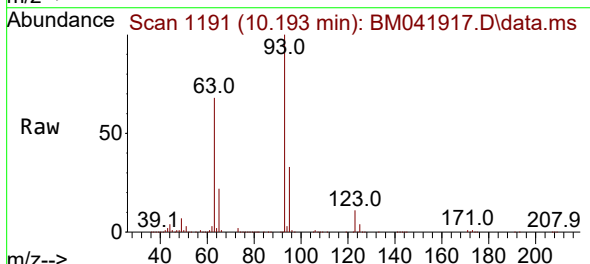
Instrument :
 BNA_M
 ClientSampleId :
 PB155480BS

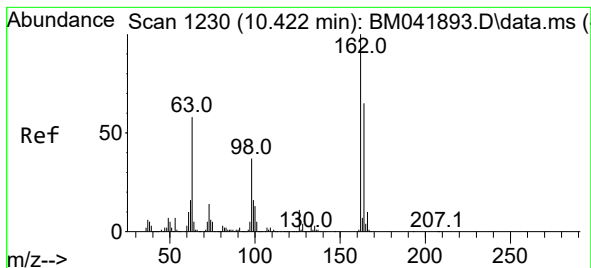
Tgt Ion:122 Resp: 958337
 Ion Ratio Lower Upper
 122 100
 107 115.7 93.8 140.6
 121 57.2 46.4 69.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 50.139 ng
 RT: 10.193 min Scan# 1191
 Delta R.T. -0.006 min
 Lab File: BM041917.D
 Acq: 19 Sep 2023 23:52

Tgt Ion: 93 Resp: 1430794
 Ion Ratio Lower Upper
 93 100
 95 32.5 25.9 38.9
 123 11.0 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 54.643 ng

RT: 10.416 min Scan# 1229

Delta R.T. -0.006 min

Lab File: BM041917.D

Acq: 19 Sep 2023 23:52

Instrument :

BNA_M

ClientSampleId :

PB155480BS

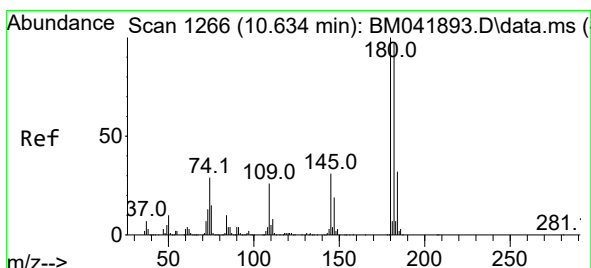
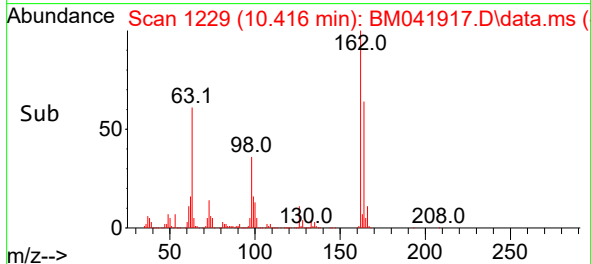
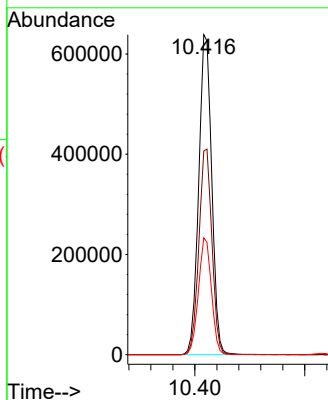
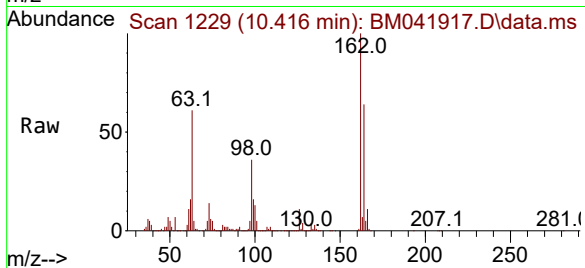
Tgt Ion:162 Resp: 1051753

Ion Ratio Lower Upper

162 100

164 63.7 45.2 85.2

98 36.5 16.7 56.7



#30

1,2,4-Trichlorobenzene

Concen: 51.808 ng

RT: 10.628 min Scan# 1265

Delta R.T. -0.006 min

Lab File: BM041917.D

Acq: 19 Sep 2023 23:52

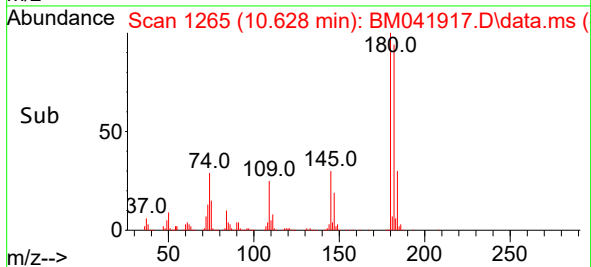
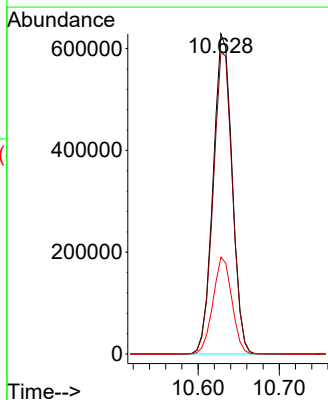
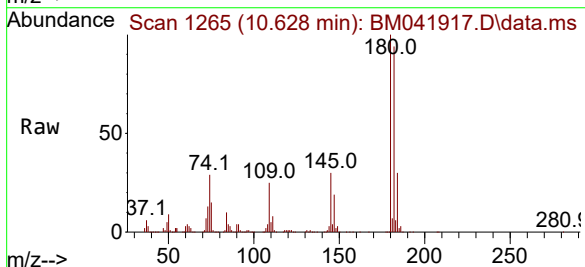
Tgt Ion:180 Resp: 1023802

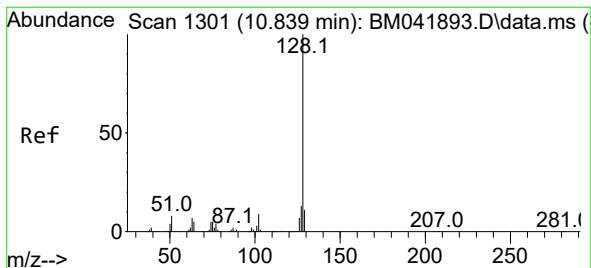
Ion Ratio Lower Upper

180 100

182 94.4 77.7 116.5

145 30.2 24.6 37.0

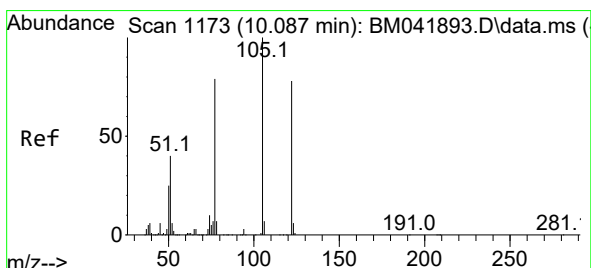
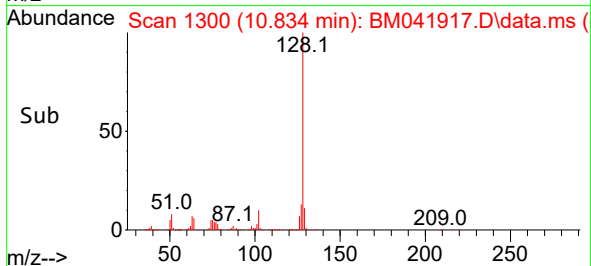
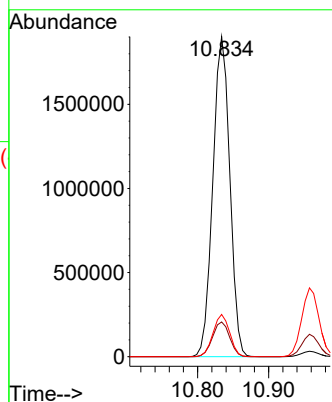
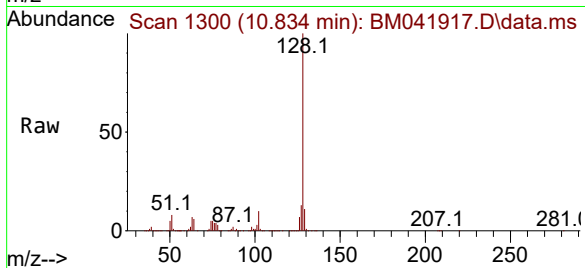




#31
Naphthalene
Concen: 49.688 ng
RT: 10.834 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM041917.D
Acq: 19 Sep 2023 23:52

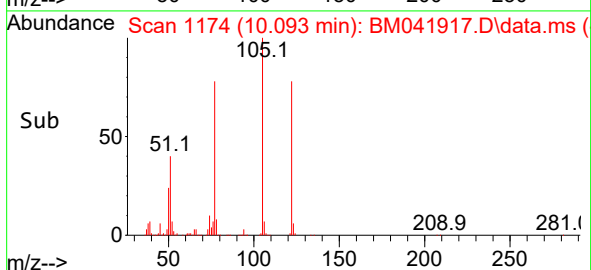
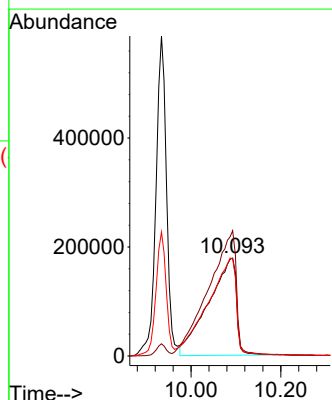
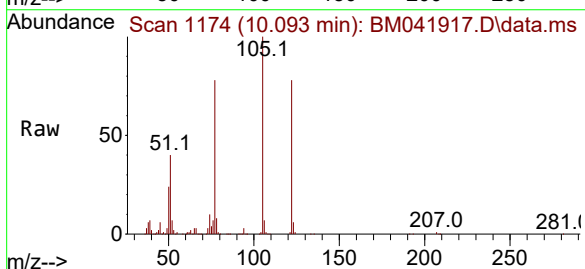
Instrument :
BNA_M
ClientSampleId :
PB155480BS

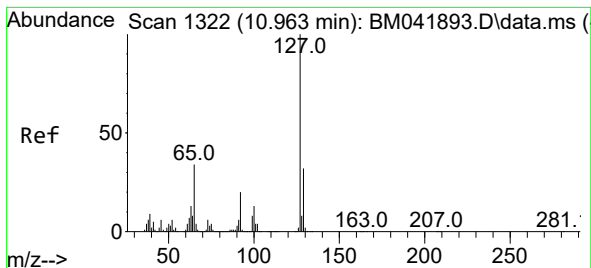
Tgt Ion:128 Resp: 3150671
Ion Ratio Lower Upper
128 100
129 10.8 8.7 13.1
127 13.2 10.4 15.6



#32
Benzoic acid
Concen: 49.221 ng
RT: 10.093 min Scan# 1174
Delta R.T. 0.006 min
Lab File: BM041917.D
Acq: 19 Sep 2023 23:52

Tgt Ion:122 Resp: 771332
Ion Ratio Lower Upper
122 100
105 128.0 103.7 143.7
77 99.4 79.3 119.3





#33

4-Chloroaniline

Concen: 24.731 ng

RT: 10.957 min Scan# 11

Delta R.T. -0.006 min

Lab File: BM041917.D

Acq: 19 Sep 2023 23:52

Instrument :

BNA_M

ClientSampleId :

PB155480BS

Tgt Ion:127 Resp: 701880

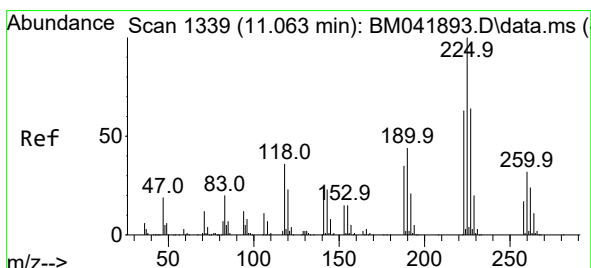
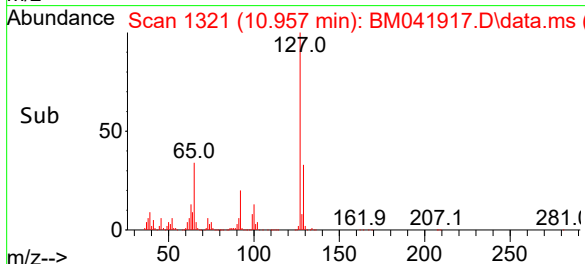
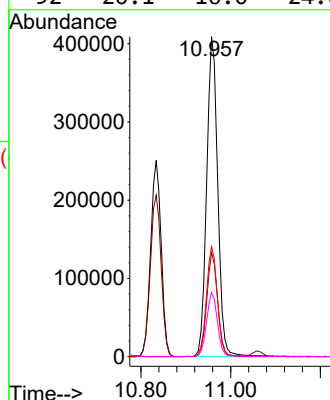
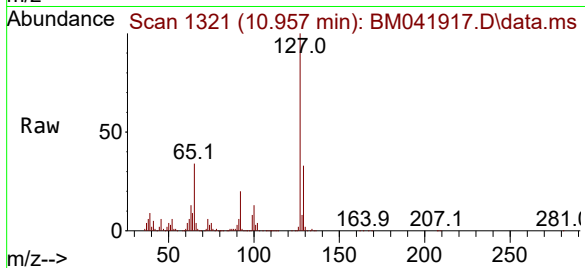
Ion Ratio Lower Upper

127 100

129 32.5 25.7 38.5

65 34.3 27.3 40.9

92 20.1 16.0 24.0



#34

Hexachlorobutadiene

Concen: 49.631 ng

RT: 11.063 min Scan# 1339

Delta R.T. 0.000 min

Lab File: BM041917.D

Acq: 19 Sep 2023 23:52

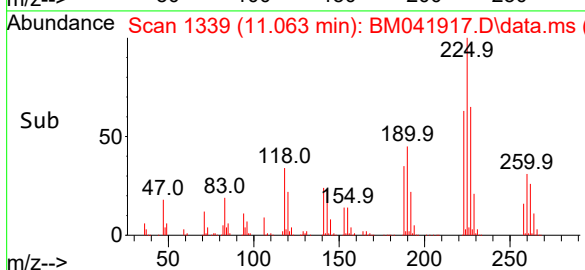
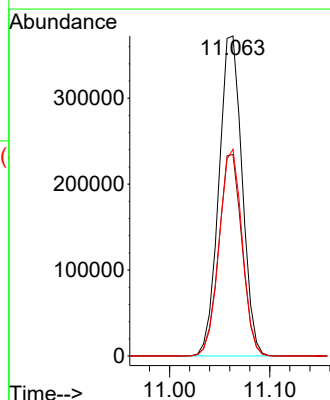
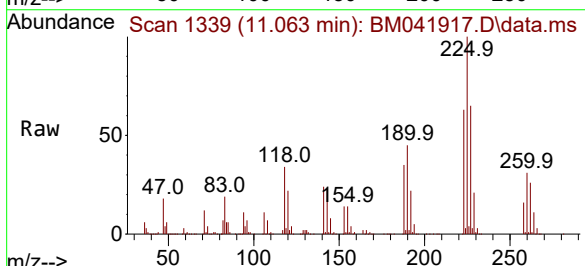
Tgt Ion:225 Resp: 599058

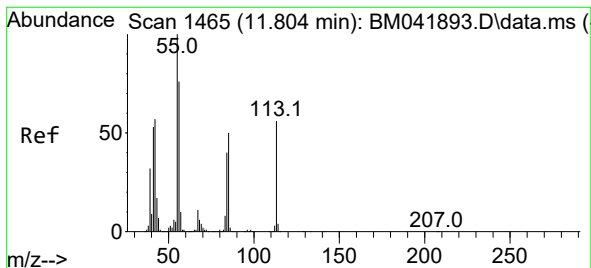
Ion Ratio Lower Upper

225 100

223 62.9 50.7 76.1

227 64.6 51.4 77.0

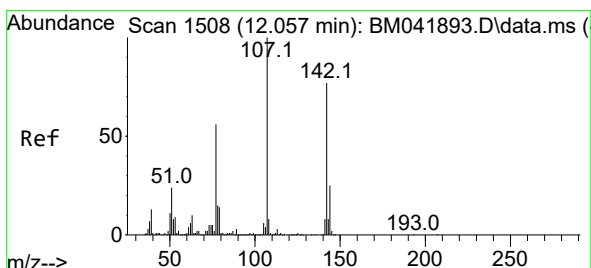
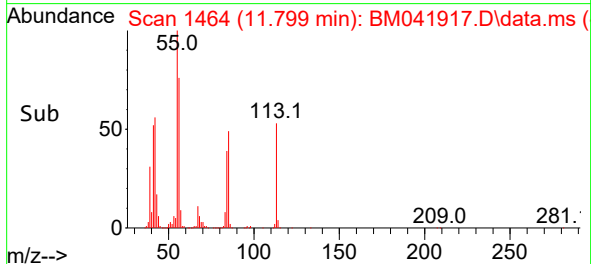
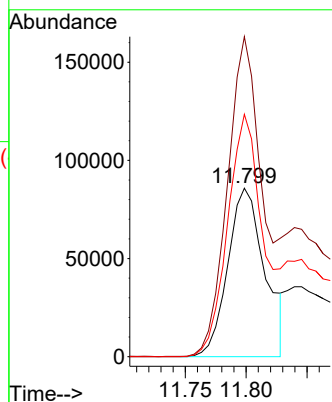
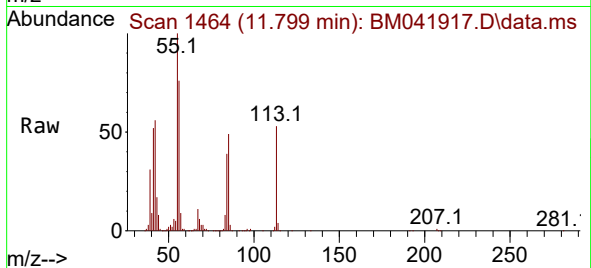




#35
Caprolactam
Concen: 26.357 ng
RT: 11.799 min Scan# 1465
Delta R.T. -0.006 min
Lab File: BM041917.D
Acq: 19 Sep 2023 23:52

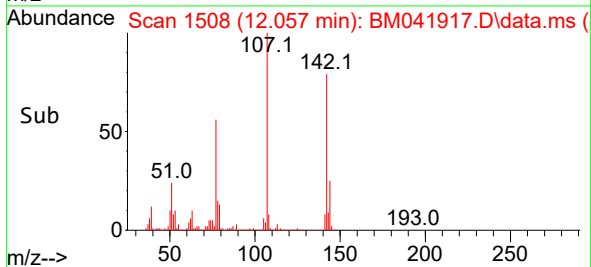
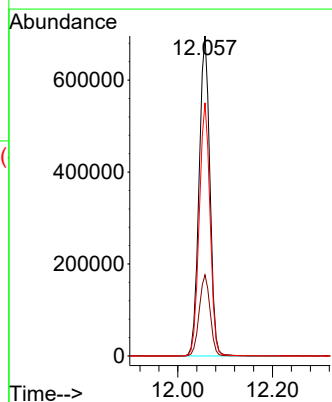
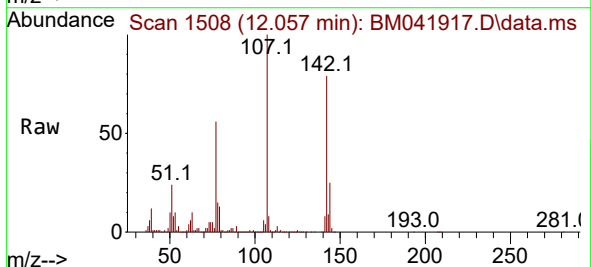
Instrument :
BNA_M
ClientSampleId :
PB155480BS

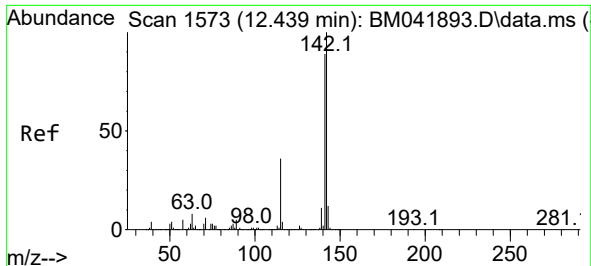
Tgt Ion:113 Resp: 181314
Ion Ratio Lower Upper
113 100
55 189.9 158.5 198.5
56 143.8 115.8 155.8



#36
4-Chloro-3-methylphenol
Concen: 51.316 ng
RT: 12.057 min Scan# 1508
Delta R.T. 0.000 min
Lab File: BM041917.D
Acq: 19 Sep 2023 23:52

Tgt Ion:107 Resp: 1100753
Ion Ratio Lower Upper
107 100
144 25.3 20.2 30.2
142 79.1 61.7 92.5

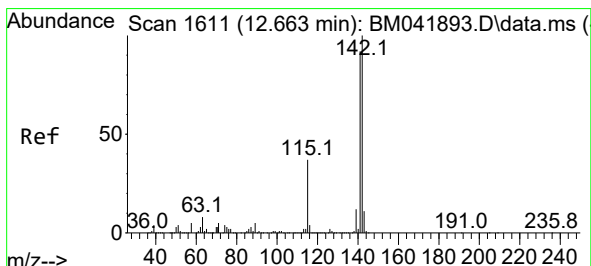
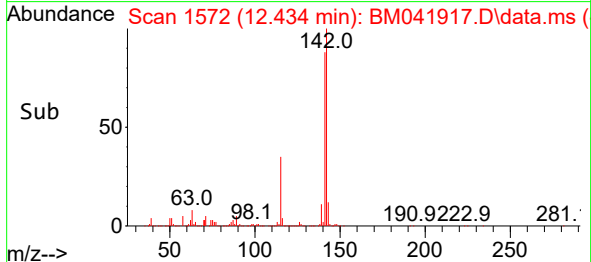
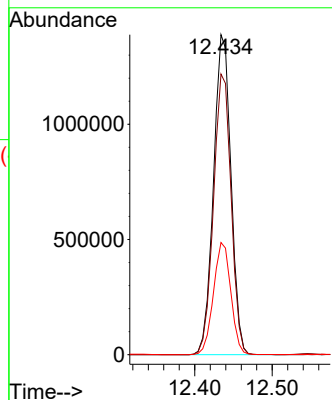
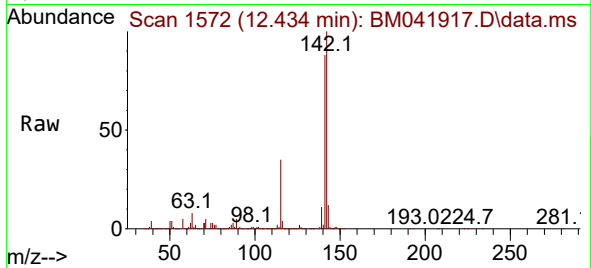




#37
2-Methylnaphthalene
Concen: 46.535 ng
RT: 12.434 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM041917.D
Acq: 19 Sep 2023 23:52

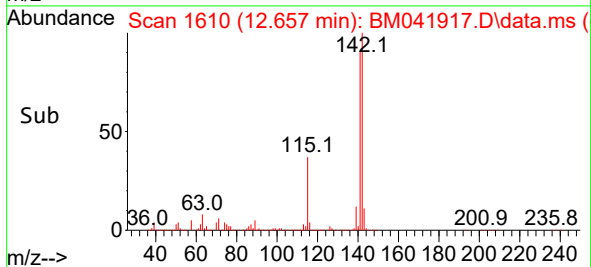
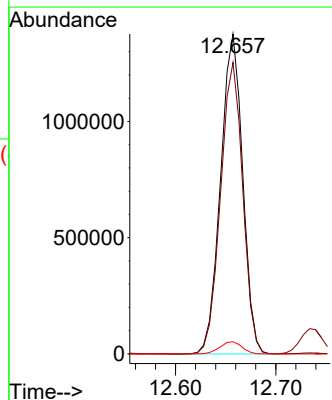
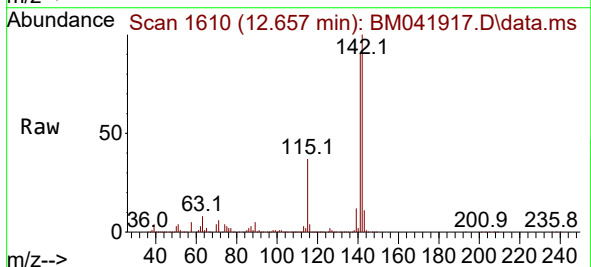
Instrument :
BNA_M
ClientSampleId :
PB155480BS

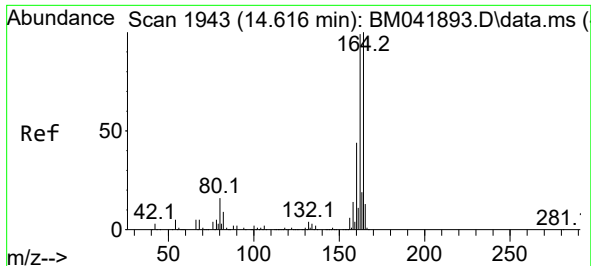
Tgt Ion:142 Resp: 2169580
Ion Ratio Lower Upper
142 100
141 87.7 70.9 106.3
115 35.1 28.5 42.7



#38
1-Methylnaphthalene
Concen: 48.057 ng
RT: 12.657 min Scan# 1610
Delta R.T. -0.006 min
Lab File: BM041917.D
Acq: 19 Sep 2023 23:52

Tgt Ion:142 Resp: 2104268
Ion Ratio Lower Upper
142 100
141 91.1 73.8 110.6
116 3.8 3.0 4.6

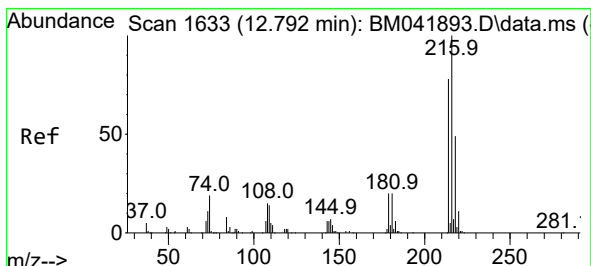
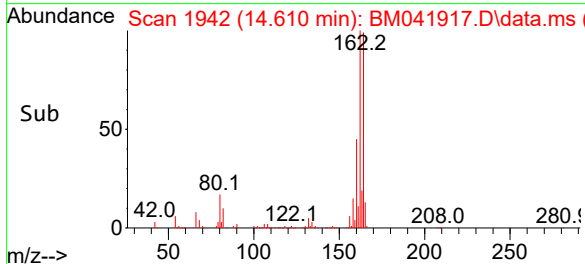
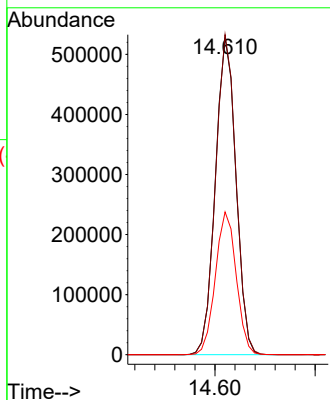
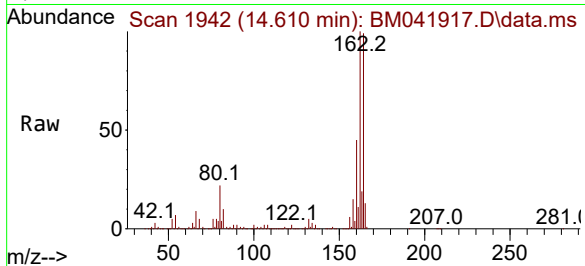




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.610 min Scan# 1943
Delta R.T. -0.006 min
Lab File: BM041917.D
Acq: 19 Sep 2023 23:52

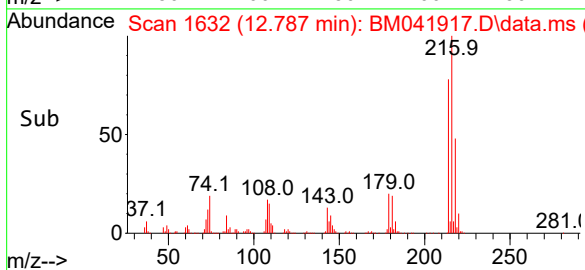
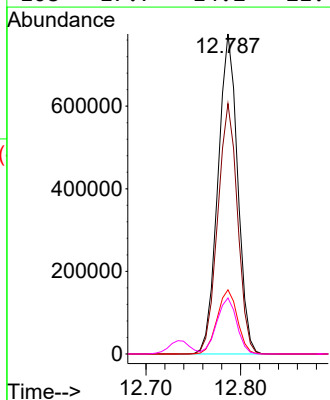
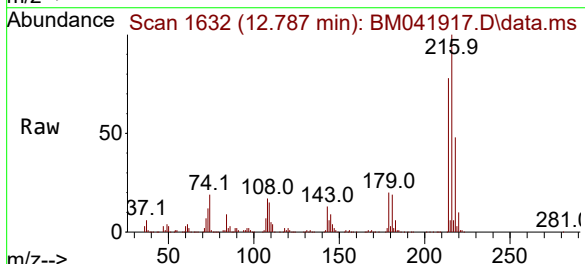
Instrument :
BNA_M
ClientSampleId :
PB155480BS

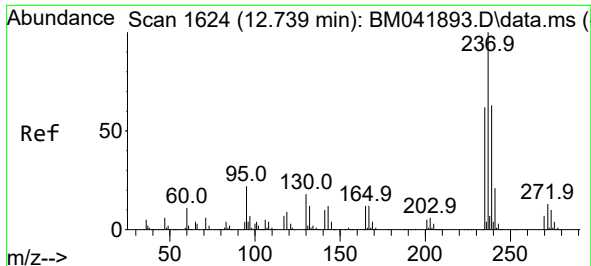
Tgt Ion:164 Resp: 753047
Ion Ratio Lower Upper
164 100
162 100.8 79.3 118.9
160 45.0 35.6 53.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 51.290 ng
RT: 12.787 min Scan# 1632
Delta R.T. -0.006 min
Lab File: BM041917.D
Acq: 19 Sep 2023 23:52

Tgt Ion:216 Resp: 1120130
Ion Ratio Lower Upper
216 100
214 78.5 62.6 93.8
179 20.6 16.3 24.5
108 17.7 14.2 21.4

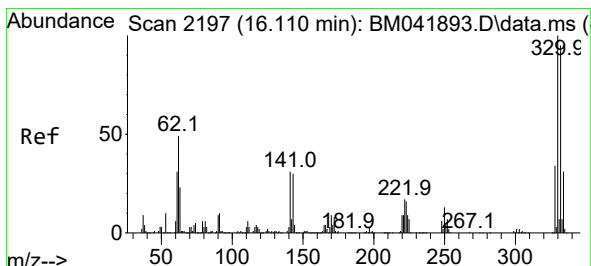
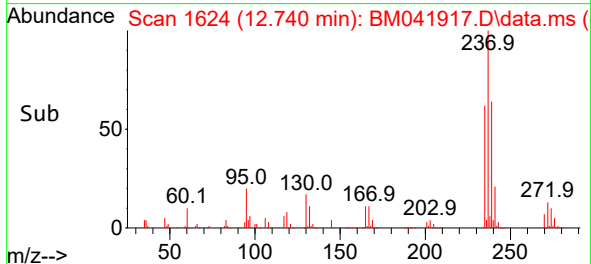
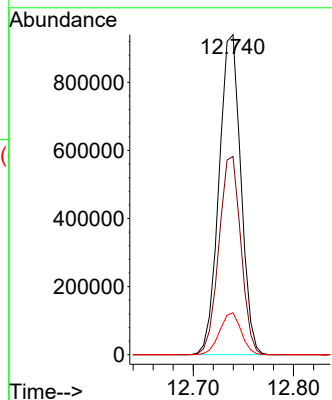
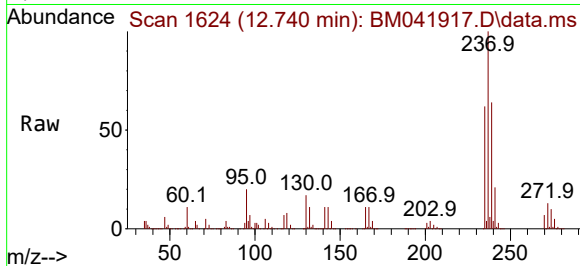




#41
Hexachlorocyclopentadiene
Concen: 115.547 ng
RT: 12.740 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM041917.D
Acq: 19 Sep 2023 23:52

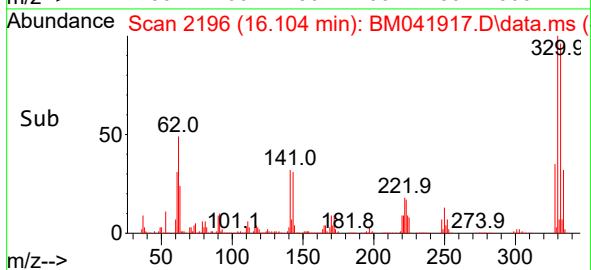
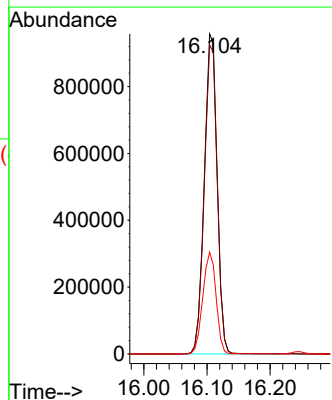
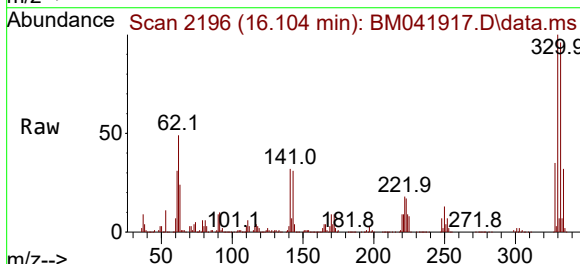
Instrument :
BNA_M
ClientSampleId :
PB155480BS

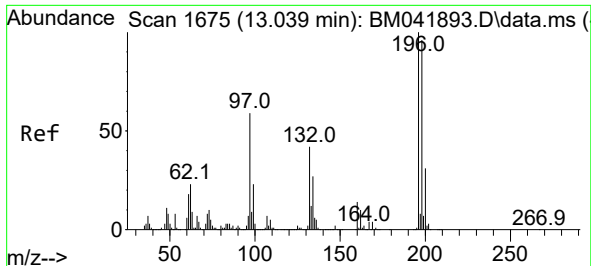
Tgt Ion:237 Resp: 1418897
Ion Ratio Lower Upper
237 100
235 62.0 42.0 82.0
272 13.1 0.0 32.9



#42
2,4,6-Tribromophenol
Concen: 144.730 ng
RT: 16.104 min Scan# 2196
Delta R.T. -0.006 min
Lab File: BM041917.D
Acq: 19 Sep 2023 23:52

Tgt Ion:330 Resp: 1359849
Ion Ratio Lower Upper
330 100
332 96.6 77.8 116.6
141 32.7 27.0 40.4

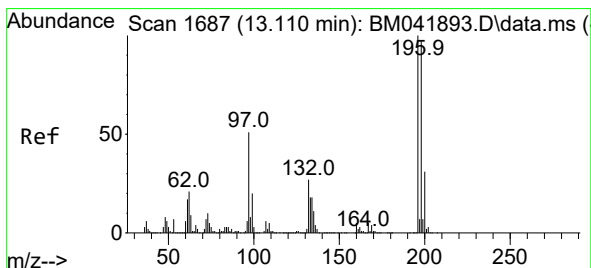
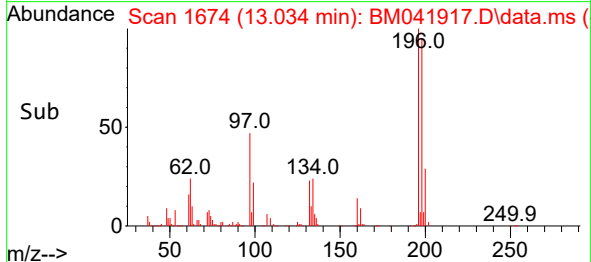
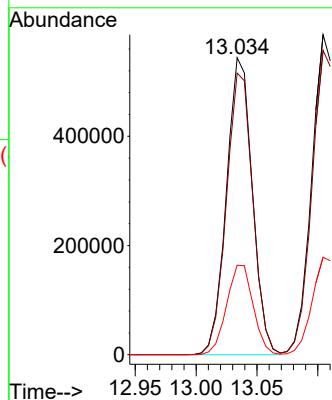
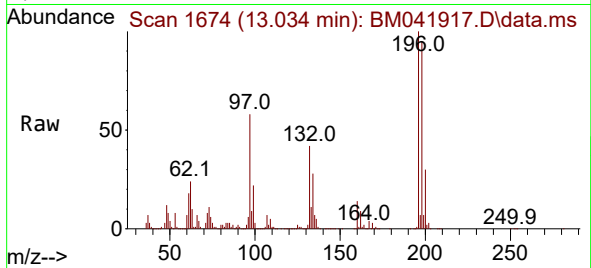




#43
2,4,6-Trichlorophenol
Concen: 54.253 ng
RT: 13.034 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM041917.D
Acq: 19 Sep 2023 23:52

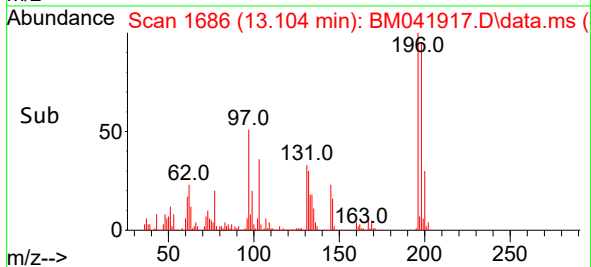
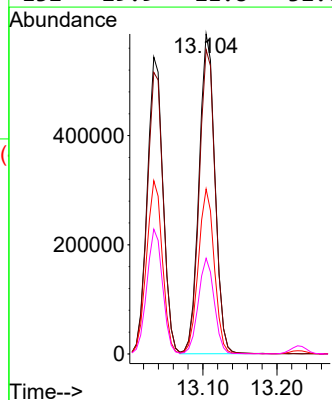
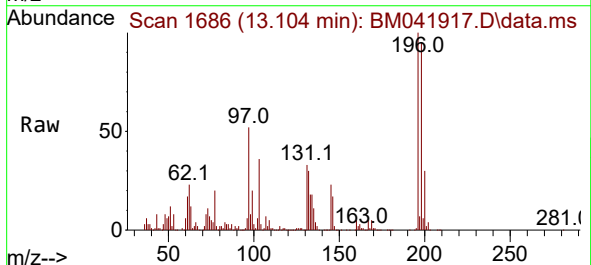
Instrument :
BNA_M
ClientSampleId :
PB155480BS

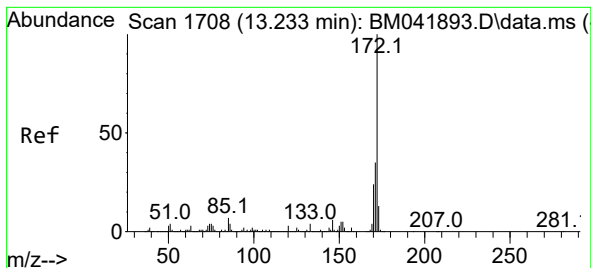
Tgt Ion:196 Resp: 806333
Ion Ratio Lower Upper
196 100
198 94.8 76.9 115.3
200 30.1 24.7 37.1



#44
2,4,5-Trichlorophenol
Concen: 50.309 ng
RT: 13.104 min Scan# 1686
Delta R.T. -0.006 min
Lab File: BM041917.D
Acq: 19 Sep 2023 23:52

Tgt Ion:196 Resp: 875075
Ion Ratio Lower Upper
196 100
198 95.1 77.2 115.8
97 51.6 41.1 61.7
132 29.9 21.8 32.6





#45

2-Fluorobiphenyl

Concen: 96.479 ng

RT: 13.228 min Scan# 1707

Delta R.T. -0.006 min

Lab File: BM041917.D

Acq: 19 Sep 2023 23:52

Instrument :

BNA_M

ClientSampleId :

PB155480BS

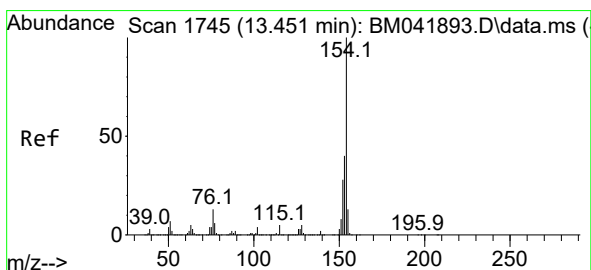
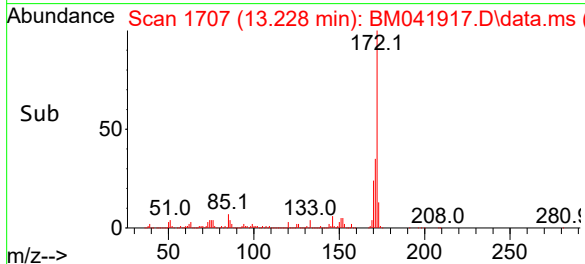
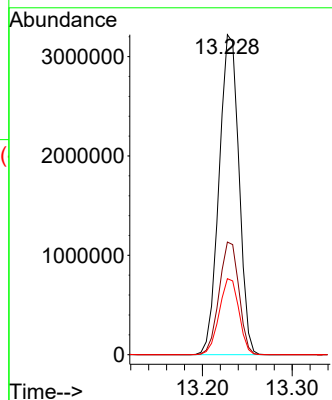
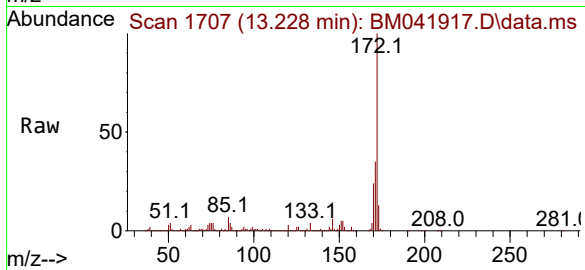
Tgt Ion:172 Resp: 4949931

Ion Ratio Lower Upper

172 100

171 35.2 28.2 42.4

170 23.8 19.1 28.7



#46

1,1'-Biphenyl

Concen: 51.528 ng

RT: 13.445 min Scan# 1744

Delta R.T. -0.006 min

Lab File: BM041917.D

Acq: 19 Sep 2023 23:52

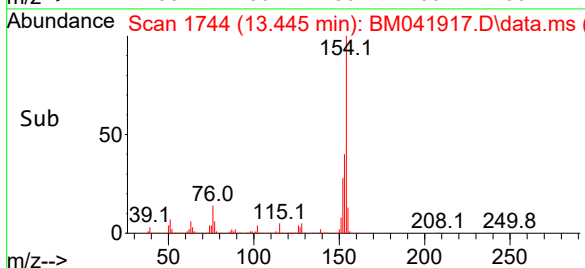
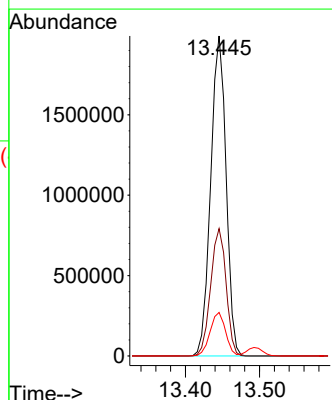
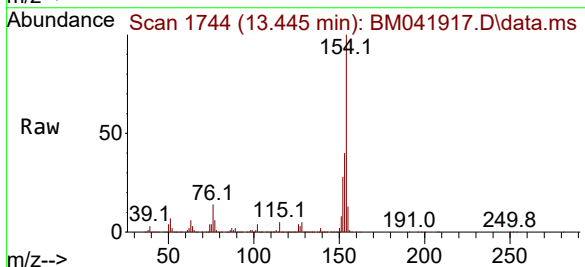
Tgt Ion:154 Resp: 2862969

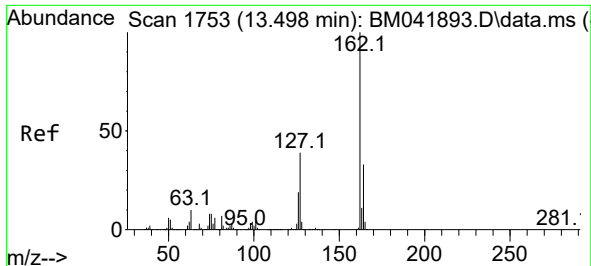
Ion Ratio Lower Upper

154 100

153 39.8 19.9 59.9

76 13.6 0.0 33.1





#47

2-Chloronaphthalene

Concen: 53.708 ng

RT: 13.493 min Scan# 1

Delta R.T. -0.005 min

Lab File: BM041917.D

Acq: 19 Sep 2023 23:52

Instrument :

BNA_M

ClientSampleId :

PB155480BS

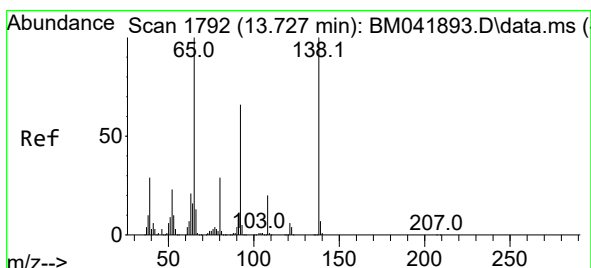
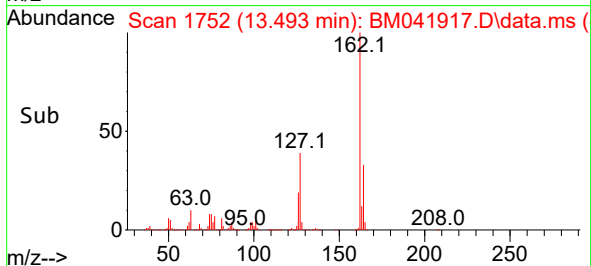
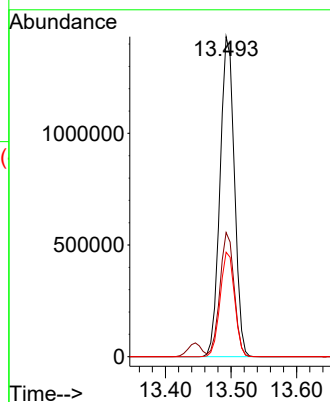
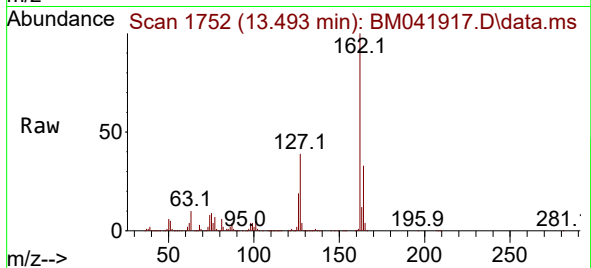
Tgt Ion:162 Resp: 2173151

Ion Ratio Lower Upper

162 100

127 38.8 31.0 46.4

164 32.7 26.1 39.1



#48

2-Nitroaniline

Concen: 51.607 ng

RT: 13.722 min Scan# 1791

Delta R.T. -0.006 min

Lab File: BM041917.D

Acq: 19 Sep 2023 23:52

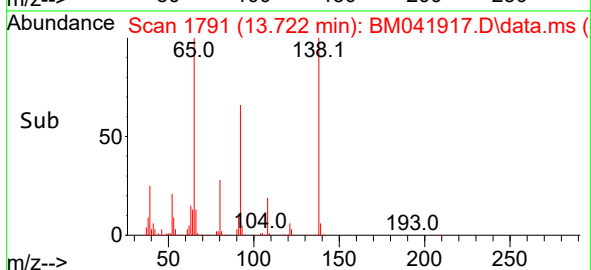
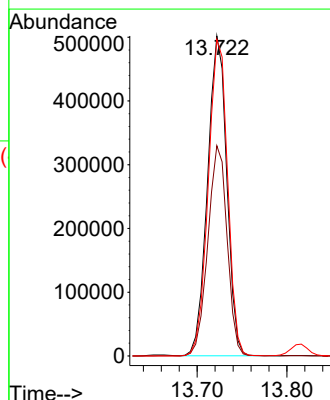
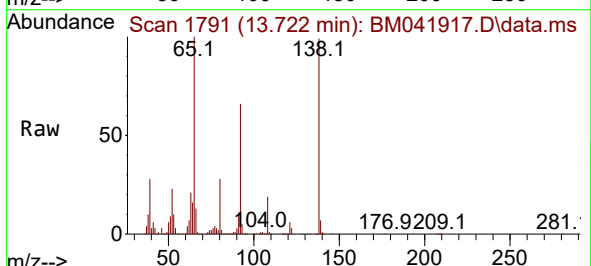
Tgt Ion: 65 Resp: 746144

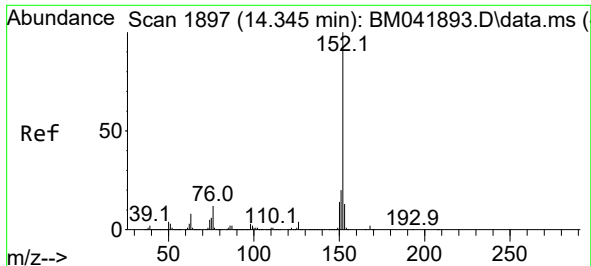
Ion Ratio Lower Upper

65 100

92 65.7 52.8 79.2

138 98.9 80.3 120.5

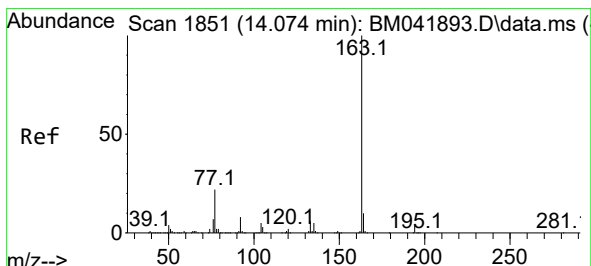
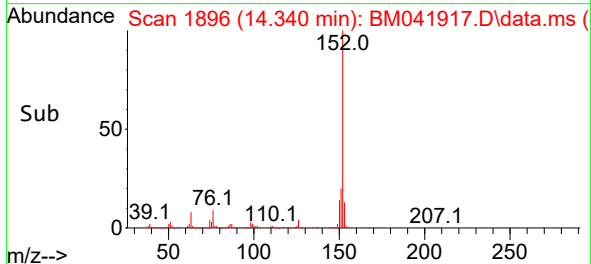
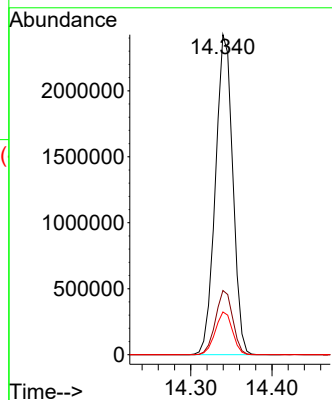
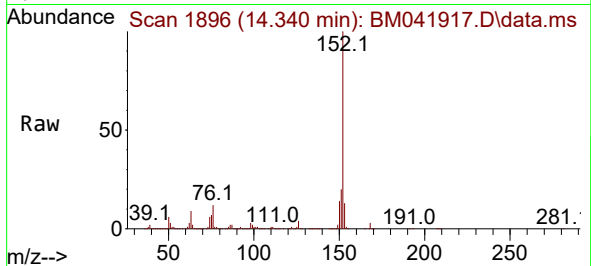




#49
Acenaphthylene
Concen: 53.651 ng
RT: 14.340 min Scan# 1897
Delta R.T. -0.006 min
Lab File: BM041917.D
Acq: 19 Sep 2023 23:52

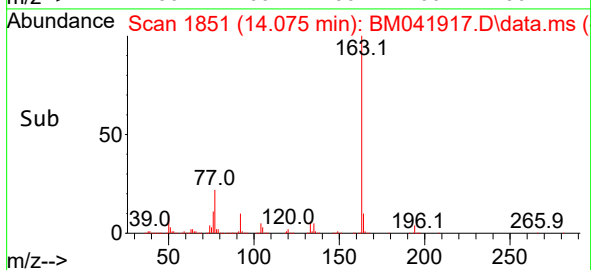
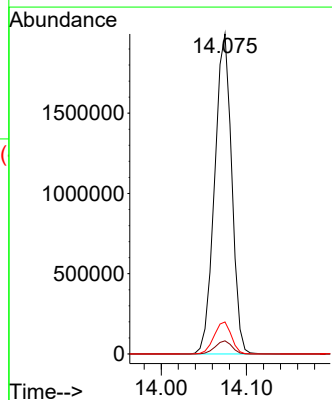
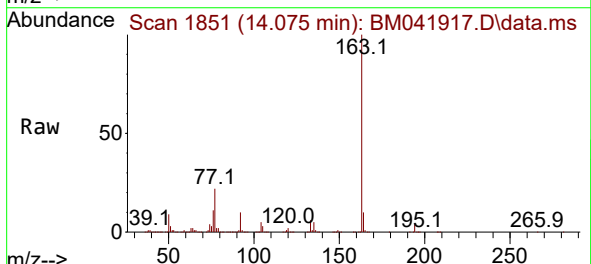
Instrument :
BNA_M
ClientSampleId :
PB155480BS

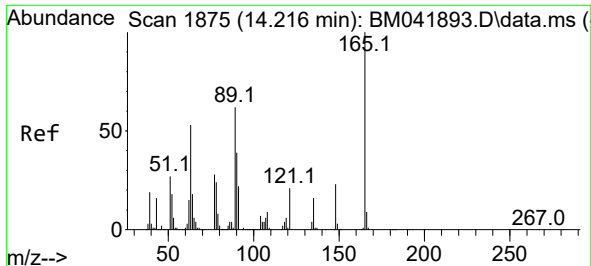
Tgt Ion:152 Resp: 3602680
Ion Ratio Lower Upper
152 100
151 20.1 15.8 23.8
153 13.4 10.5 15.7



#50
Dimethylphthalate
Concen: 49.914 ng
RT: 14.075 min Scan# 1851
Delta R.T. 0.000 min
Lab File: BM041917.D
Acq: 19 Sep 2023 23:52

Tgt Ion:163 Resp: 2778830
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.0
164 10.0 8.2 12.4

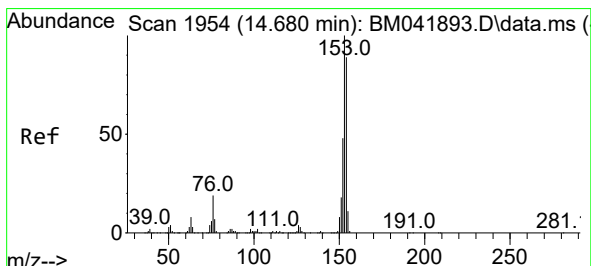
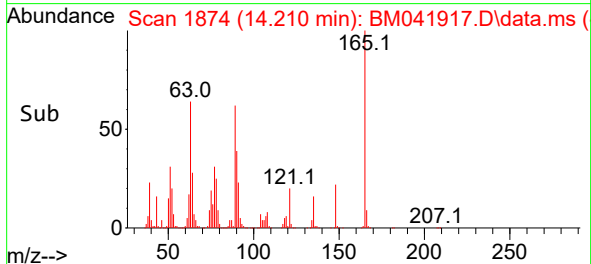
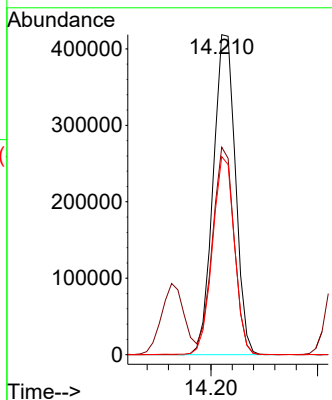
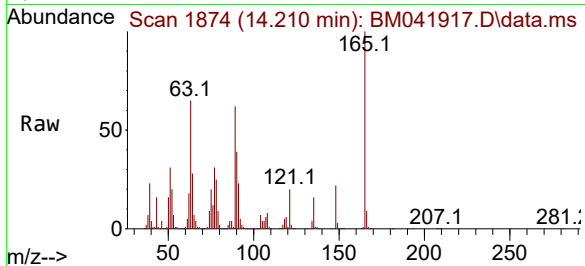




#51
2,6-Dinitrotoluene
Concen: 51.332 ng
RT: 14.210 min Scan# 1874
Delta R.T. -0.006 min
Lab File: BM041917.D
Acq: 19 Sep 2023 23:52

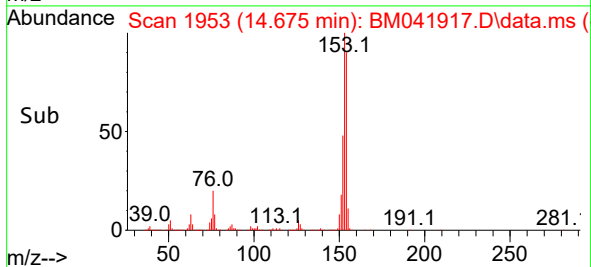
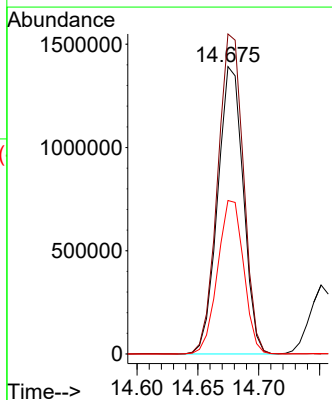
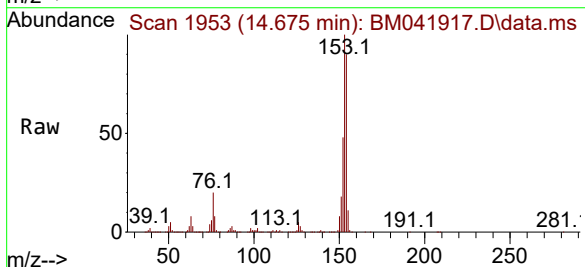
Instrument :
BNA_M
ClientSampleId :
PB155480BS

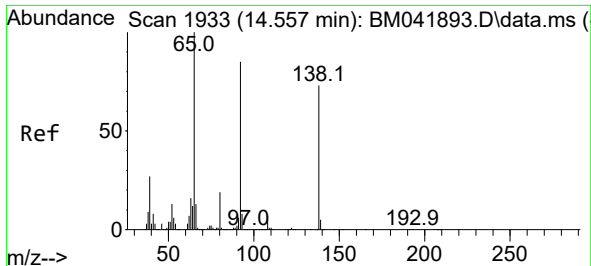
Tgt Ion:165 Resp: 605608
Ion Ratio Lower Upper
165 100
63 64.8 50.2 75.2
89 61.9 49.3 73.9



#52
Acenaphthene
Concen: 50.449 ng
RT: 14.675 min Scan# 1953
Delta R.T. -0.006 min
Lab File: BM041917.D
Acq: 19 Sep 2023 23:52

Tgt Ion:154 Resp: 2037558
Ion Ratio Lower Upper
154 100
153 111.3 90.3 135.5
152 53.4 43.4 65.2

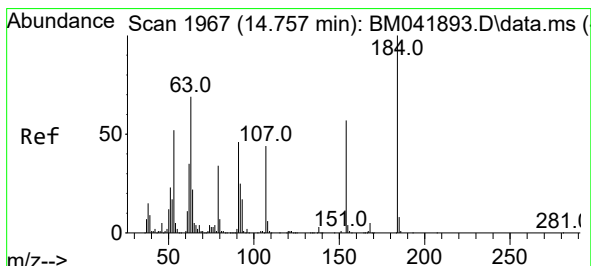
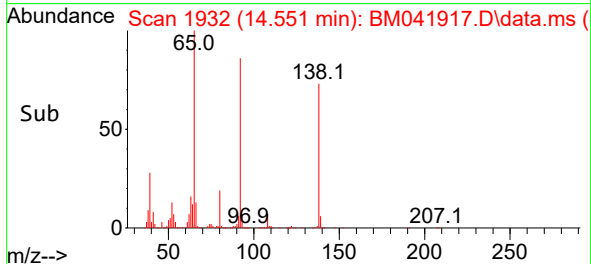
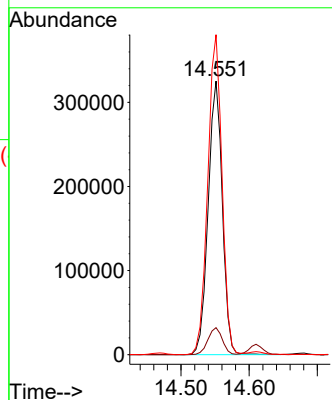
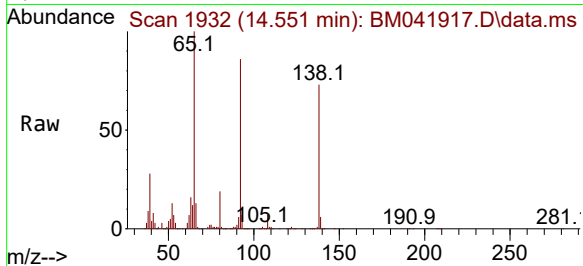




#53
3-Nitroaniline
Concen: 35.621 ng
RT: 14.551 min Scan# 1932
Delta R.T. -0.006 min
Lab File: BM041917.D
Acq: 19 Sep 2023 23:52

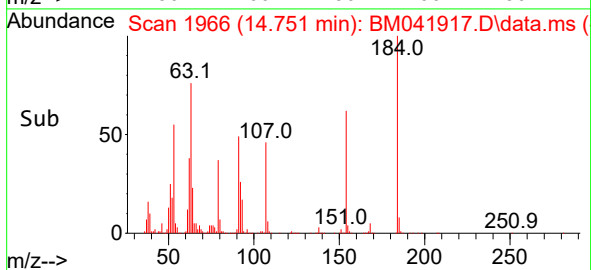
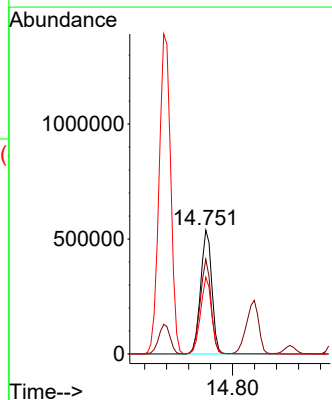
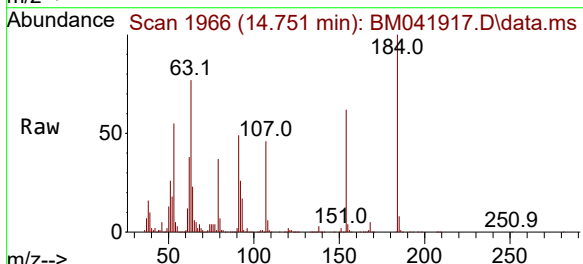
Instrument :
BNA_M
ClientSampleId :
PB155480BS

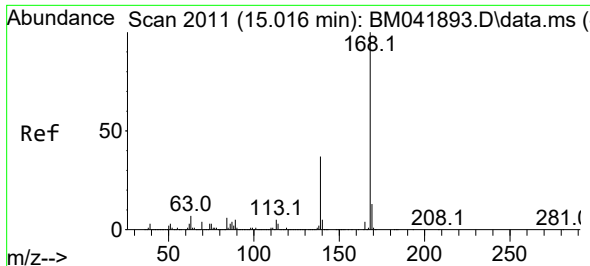
Tgt Ion:138 Resp: 470373
Ion Ratio Lower Upper
138 100
108 9.9 8.0 12.0
92 117.0 93.6 140.4



#54
2,4-Dinitrophenol
Concen: 104.017 ng
RT: 14.751 min Scan# 1966
Delta R.T. -0.006 min
Lab File: BM041917.D
Acq: 19 Sep 2023 23:52

Tgt Ion:184 Resp: 766431
Ion Ratio Lower Upper
184 100
63 76.6 55.8 83.8
154 62.0 48.9 73.3

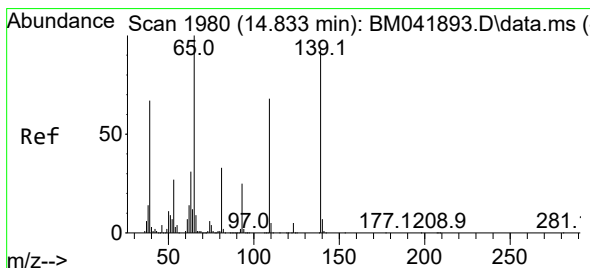
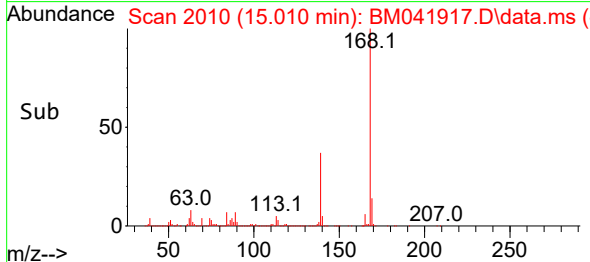
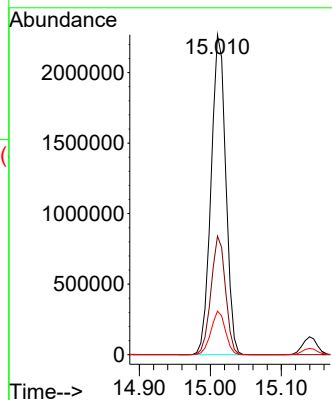
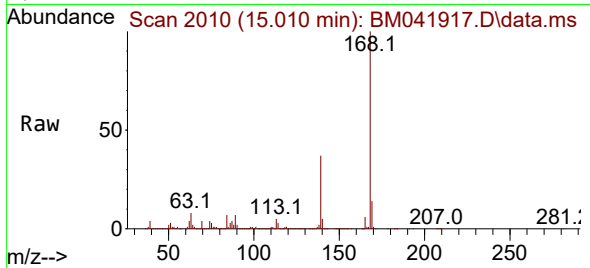




#55
Dibenzofuran
Concen: 49.952 ng
RT: 15.010 min Scan# 20
Delta R.T. -0.006 min
Lab File: BM041917.D
Acq: 19 Sep 2023 23:52

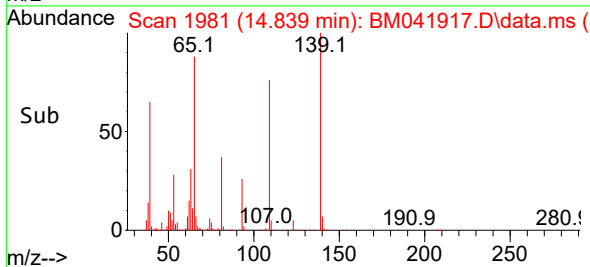
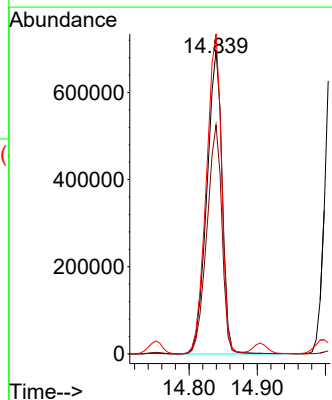
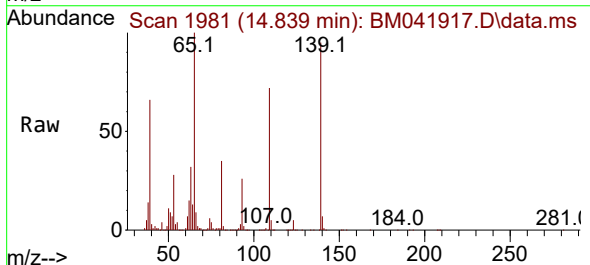
Instrument :
BNA_M
ClientSampleId :
PB155480BS

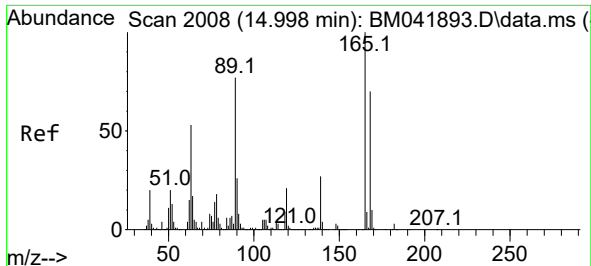
Tgt Ion:168 Resp: 3256661
Ion Ratio Lower Upper
168 100
139 37.1 29.4 44.2
169 13.6 10.8 16.2



#56
4-Nitrophenol
Concen: 103.593 ng
RT: 14.839 min Scan# 1981
Delta R.T. 0.006 min
Lab File: BM041917.D
Acq: 19 Sep 2023 23:52

Tgt Ion:139 Resp: 1084919
Ion Ratio Lower Upper
139 100
109 75.5 53.4 93.4
65 105.5 87.4 127.4





#57

2,4-Dinitrotoluene

Concen: 51.358 ng

RT: 14.998 min Scan# 2008

Delta R.T. 0.000 min

Lab File: BM041917.D

Acq: 19 Sep 2023 23:52

Instrument :

BNA_M

ClientSampleId :

PB155480BS

Tgt Ion:165 Resp: 801654

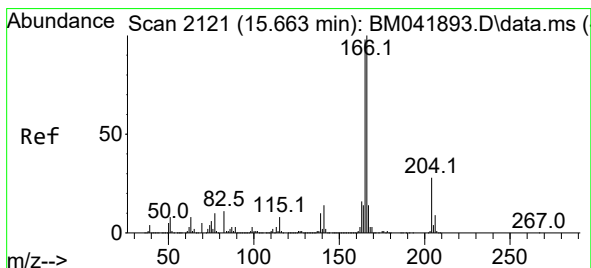
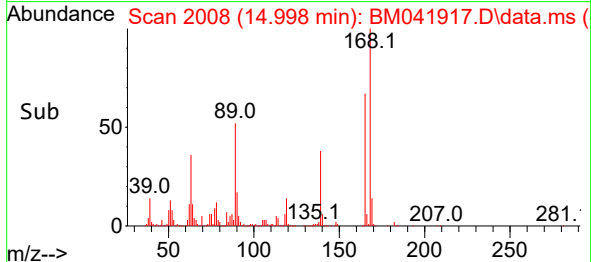
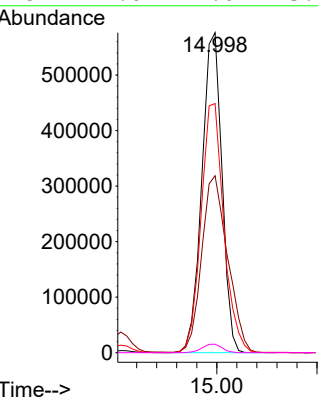
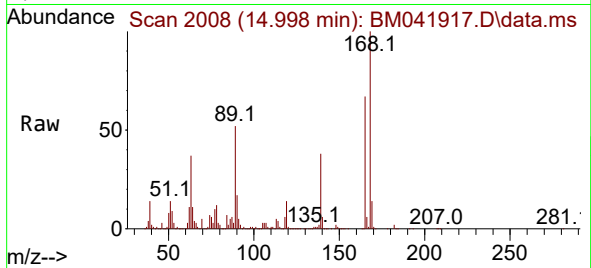
Ion Ratio Lower Upper

165 100

63 55.3 42.3 63.5

89 77.9 61.8 92.6

182 2.6 2.0 3.0



#58

Fluorene

Concen: 50.171 ng

RT: 15.663 min Scan# 2121

Delta R.T. 0.000 min

Lab File: BM041917.D

Acq: 19 Sep 2023 23:52

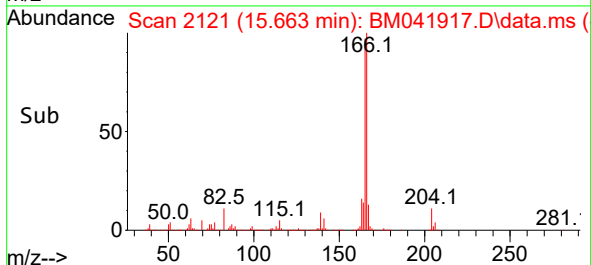
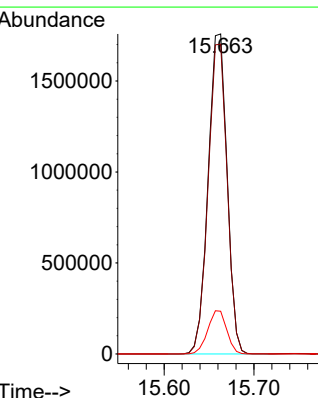
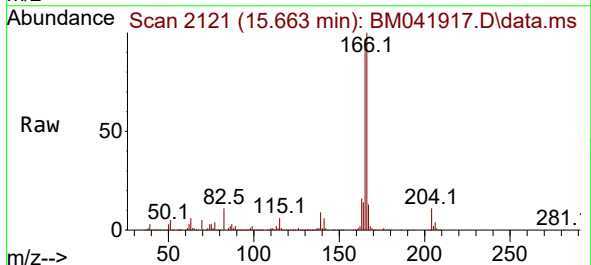
Tgt Ion:166 Resp: 2578699

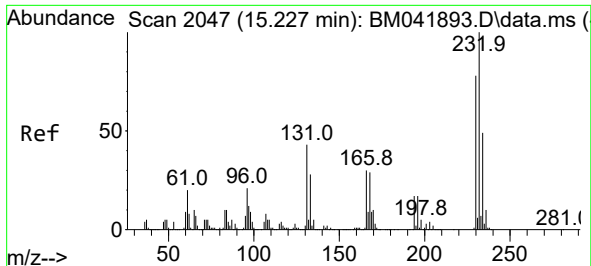
Ion Ratio Lower Upper

166 100

165 96.8 78.2 117.2

167 13.3 11.0 16.6

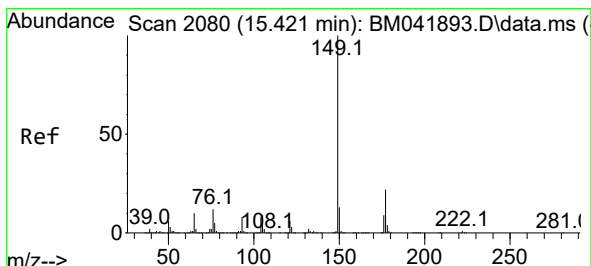
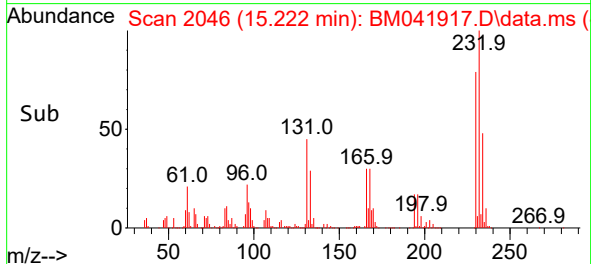
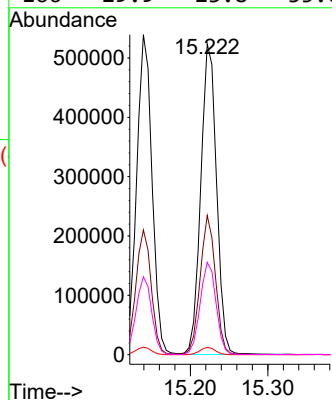
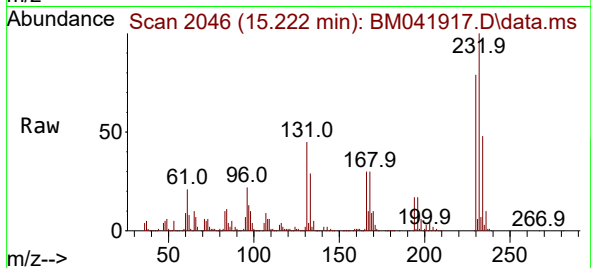




#59
2,3,4,6-Tetrachlorophenol
Concen: 51.782 ng
RT: 15.222 min Scan# 2046
Delta R.T. -0.006 min
Lab File: BM041917.D
Acq: 19 Sep 2023 23:52

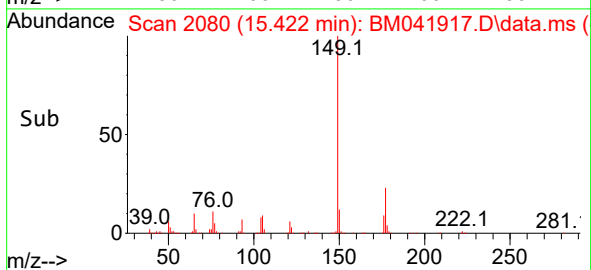
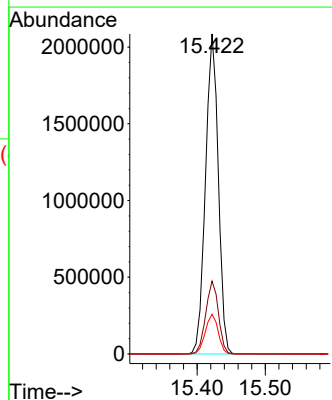
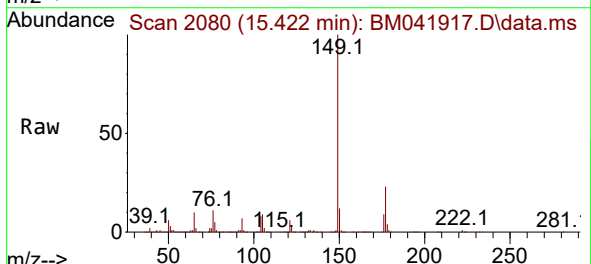
Instrument :
BNA_M
ClientSampleId :
PB155480BS

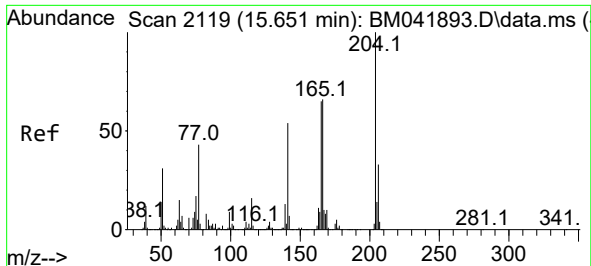
Tgt Ion:232 Resp: 739290
Ion Ratio Lower Upper
232 100
131 43.7 34.6 51.8
130 2.3 1.8 2.8
166 29.9 23.8 35.6



#60
Diethylphthalate
Concen: 49.131 ng
RT: 15.422 min Scan# 2080
Delta R.T. 0.000 min
Lab File: BM041917.D
Acq: 19 Sep 2023 23:52

Tgt Ion:149 Resp: 2720842
Ion Ratio Lower Upper
149 100
177 22.8 17.9 26.9
150 12.4 10.1 15.1

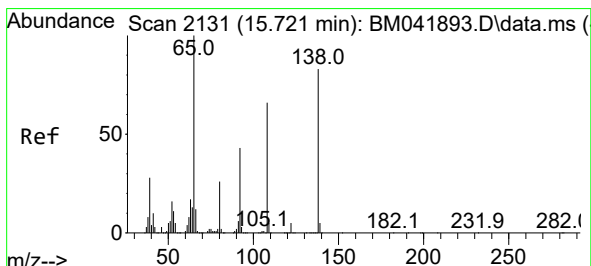
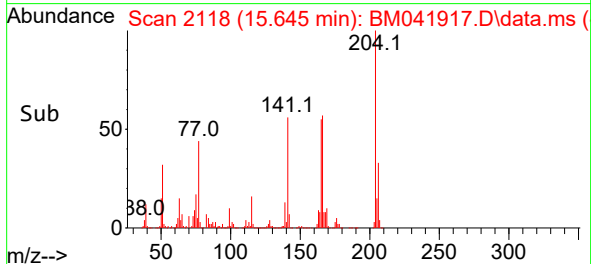
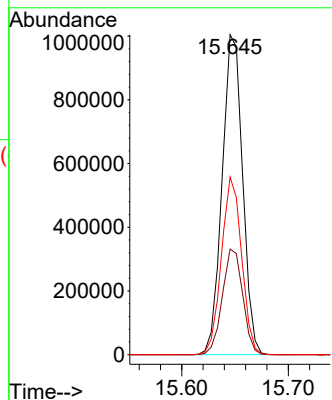
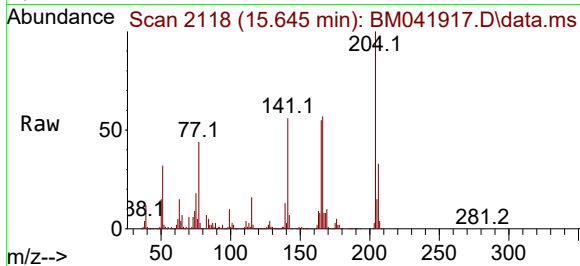




#61
4-Chlorophenyl-phenylether
Concen: 49.668 ng
RT: 15.645 min Scan# 2118
Delta R.T. -0.006 min
Lab File: BM041917.D
Acq: 19 Sep 2023 23:52

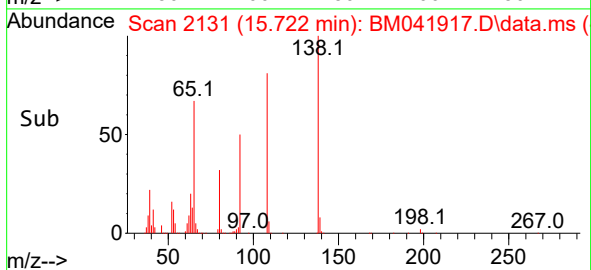
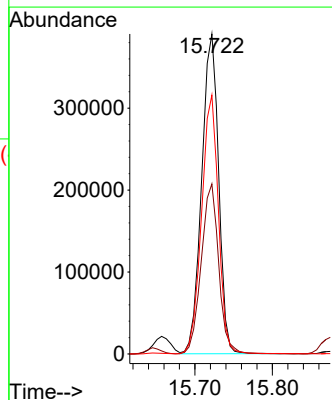
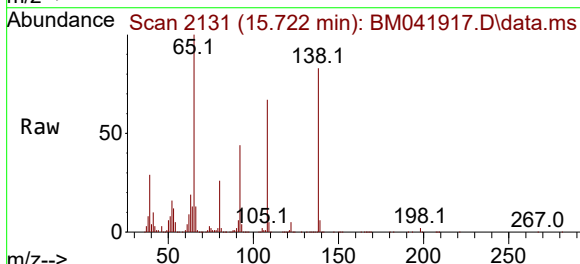
Instrument :
BNA_M
ClientSampleId :
PB155480BS

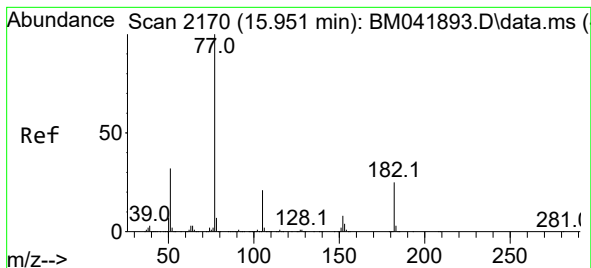
Tgt Ion:204 Resp: 1339280
Ion Ratio Lower Upper
204 100
206 33.0 26.1 39.1
141 55.5 43.6 65.4



#62
4-Nitroaniline
Concen: 46.592 ng
RT: 15.722 min Scan# 2131
Delta R.T. 0.000 min
Lab File: BM041917.D
Acq: 19 Sep 2023 23:52

Tgt Ion:138 Resp: 591639
Ion Ratio Lower Upper
138 100
92 53.2 32.3 72.3
108 80.9 59.0 99.0





#63

Azobenzene

Concen: 50.571 ng

RT: 15.945 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM041917.D

Acq: 19 Sep 2023 23:52

Instrument :

BNA_M

ClientSampleId :

PB155480BS

Tgt Ion: 77 Resp: 2839157

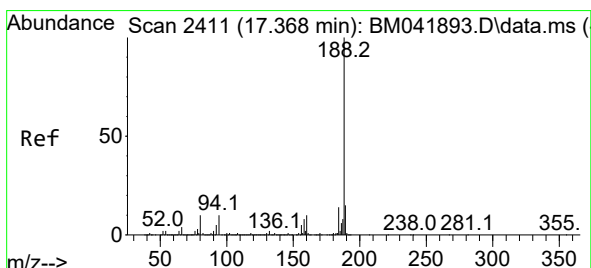
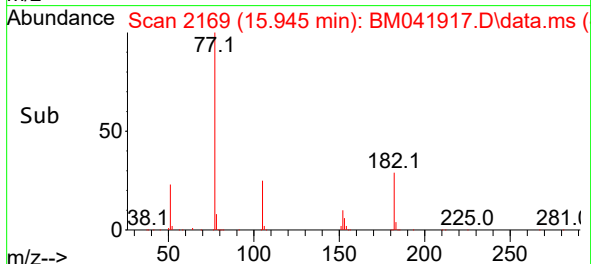
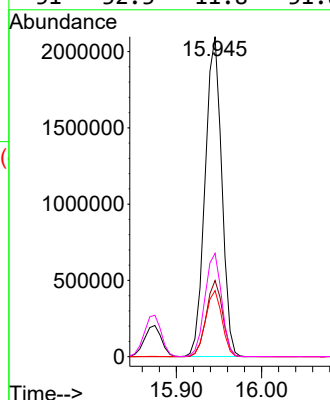
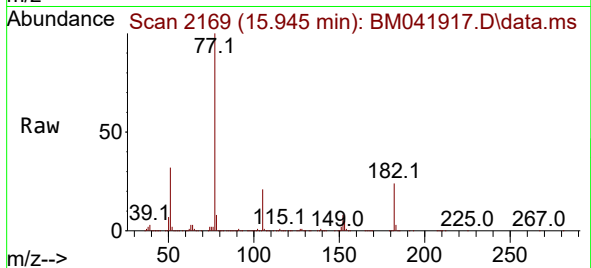
Ion Ratio Lower Upper

77 100

182 23.8 4.9 44.9

105 20.6 0.7 40.7

51 32.3 11.8 51.8



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.363 min Scan# 2410

Delta R.T. -0.006 min

Lab File: BM041917.D

Acq: 19 Sep 2023 23:52

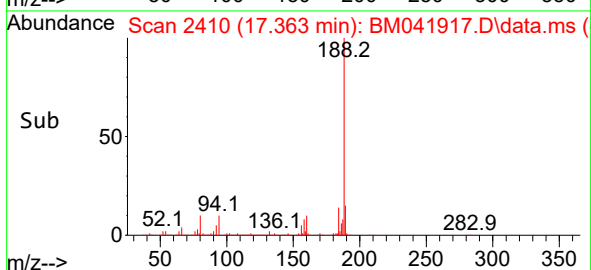
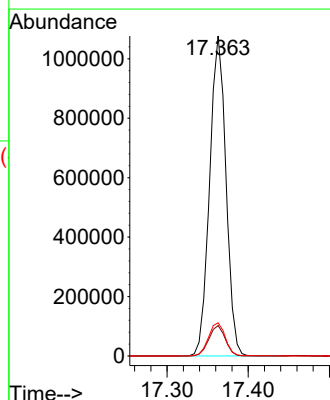
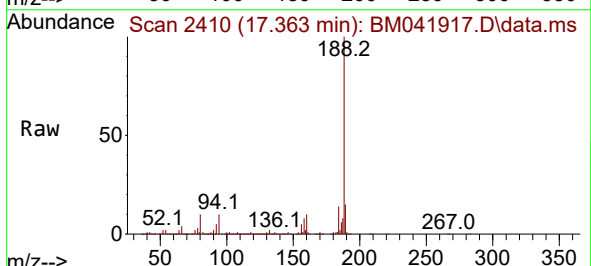
Tgt Ion:188 Resp: 1503191

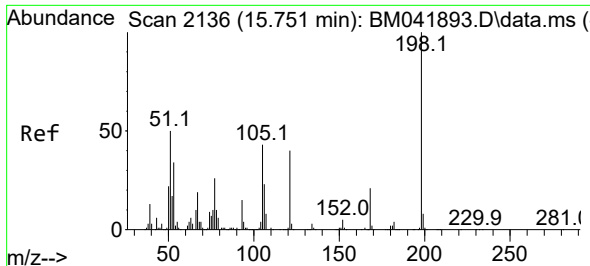
Ion Ratio Lower Upper

188 100

94 9.5 7.6 11.4

80 10.4 8.3 12.5

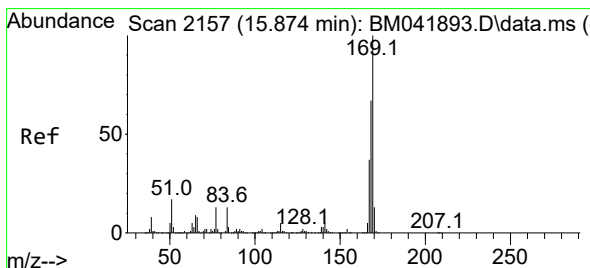
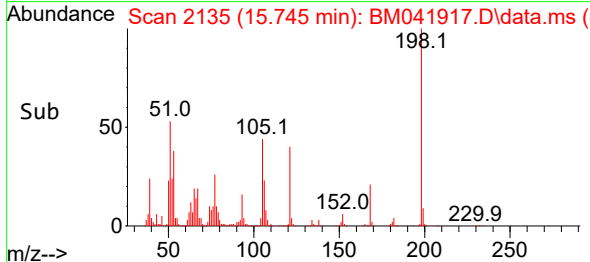
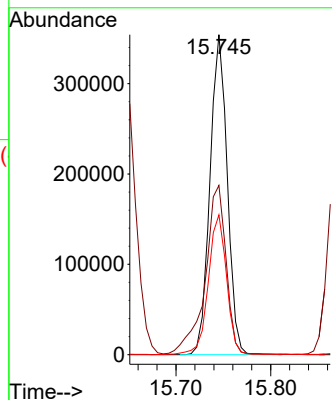
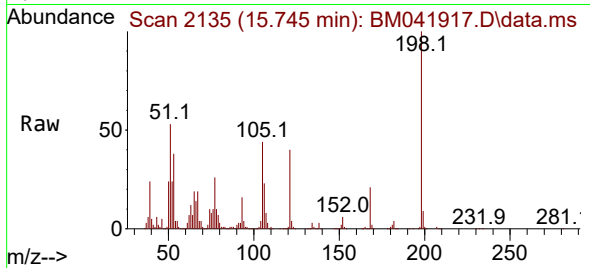




#65
4,6-Dinitro-2-methylphenol
Concen: 51.931 ng
RT: 15.745 min Scan# 2135
Delta R.T. -0.006 min
Lab File: BM041917.D
Acq: 19 Sep 2023 23:52

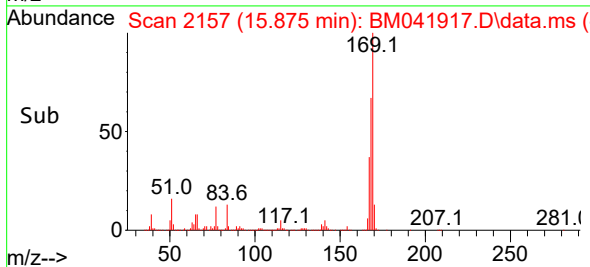
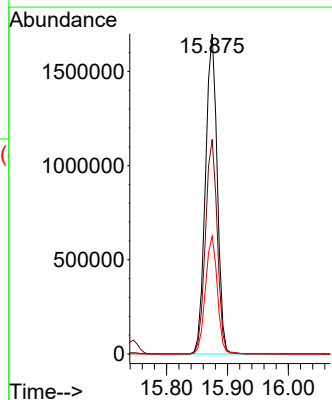
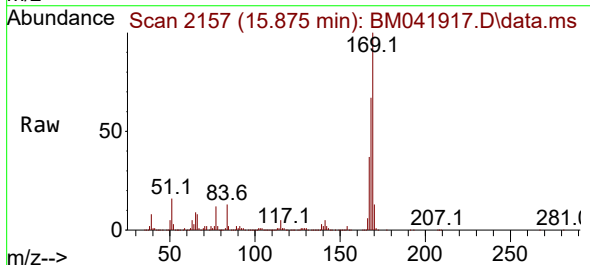
Instrument :
BNA_M
ClientSampleId :
PB155480BS

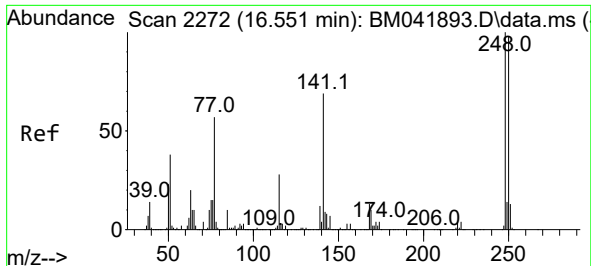
Tgt Ion:198 Resp: 448257
Ion Ratio Lower Upper
198 100
51 52.9 32.0 72.0
105 43.7 23.6 63.6



#66
n-Nitrosodiphenylamine
Concen: 53.765 ng
RT: 15.875 min Scan# 2157
Delta R.T. 0.000 min
Lab File: BM041917.D
Acq: 19 Sep 2023 23:52

Tgt Ion:169 Resp: 2282568
Ion Ratio Lower Upper
169 100
168 67.1 53.6 80.4
167 36.9 29.4 44.0

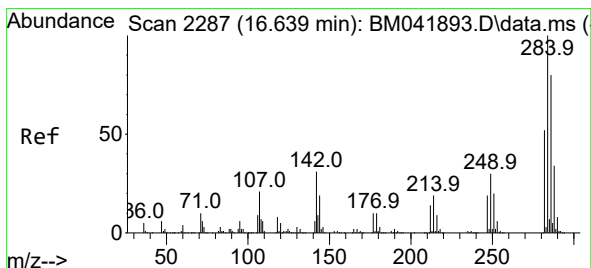
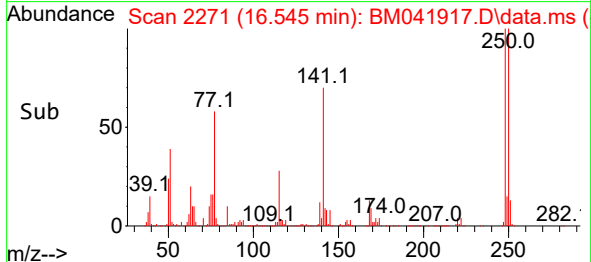
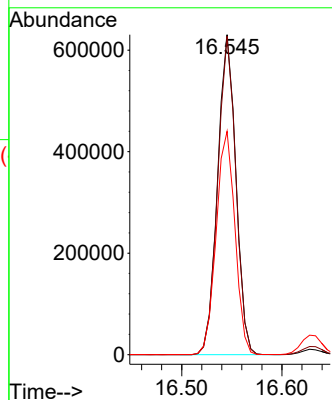
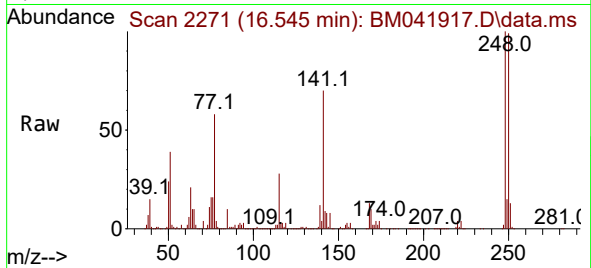




#67
4-Bromophenyl-phenylether
Concen: 51.550 ng
RT: 16.545 min Scan# 211
Delta R.T. -0.006 min
Lab File: BM041917.D
Acq: 19 Sep 2023 23:52

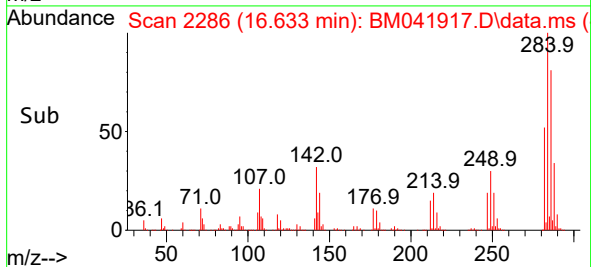
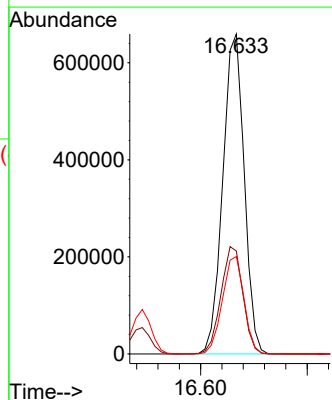
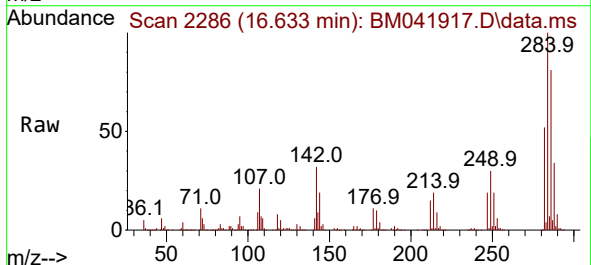
Instrument :
BNA_M
ClientSampleId :
PB155480BS

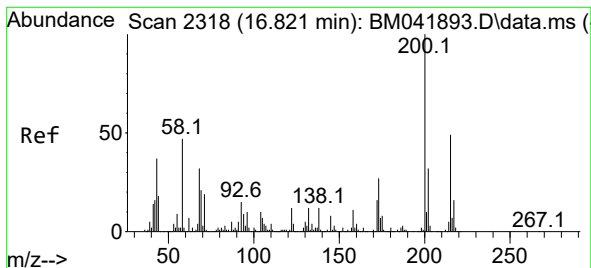
Tgt Ion:248 Resp: 798527
Ion Ratio Lower Upper
248 100
250 99.5 78.0 117.0
141 69.8 55.1 82.7



#68
Hexachlorobenzene
Concen: 55.994 ng
RT: 16.633 min Scan# 2286
Delta R.T. -0.006 min
Lab File: BM041917.D
Acq: 19 Sep 2023 23:52

Tgt Ion:284 Resp: 918351
Ion Ratio Lower Upper
284 100
142 32.1 24.8 37.2
249 30.5 24.0 36.0





#69

Atrazine

Concen: 60.736 ng

RT: 16.816 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM041917.D

Acq: 19 Sep 2023 23:52

Instrument :

BNA_M

ClientSampleId :

PB155480BS

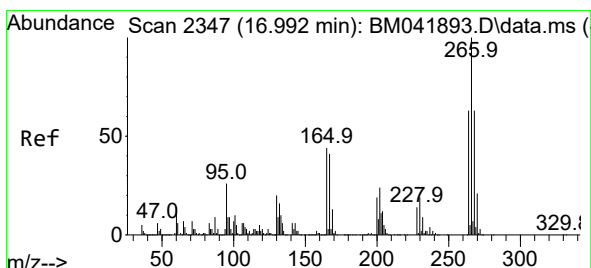
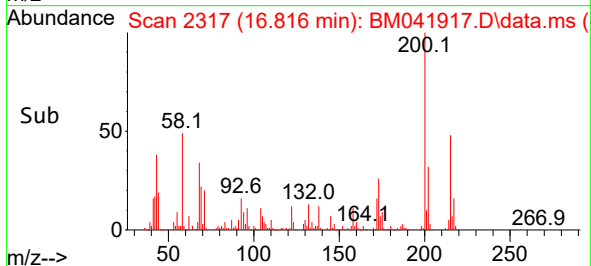
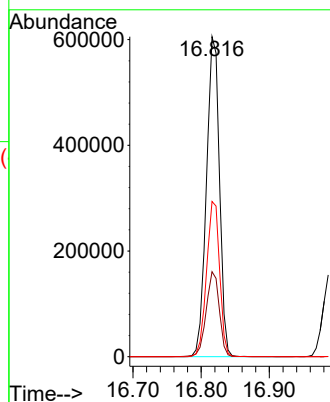
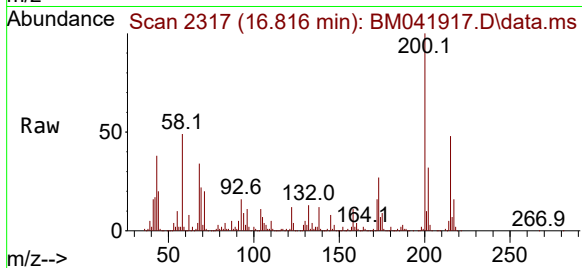
Tgt Ion:200 Resp: 804088

Ion Ratio Lower Upper

200 100

173 26.5 6.5 46.5

215 48.5 28.9 68.9



#70

Pentachlorophenol

Concen: 101.142 ng

RT: 16.992 min Scan# 2347

Delta R.T. 0.000 min

Lab File: BM041917.D

Acq: 19 Sep 2023 23:52

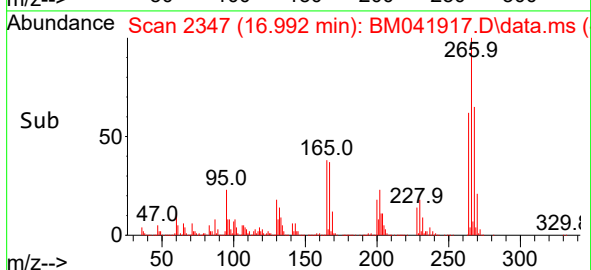
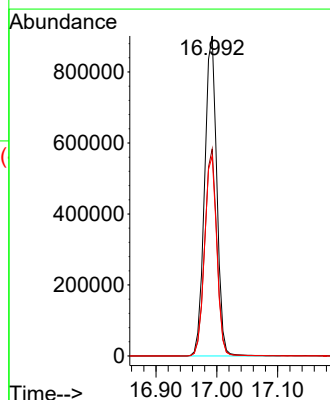
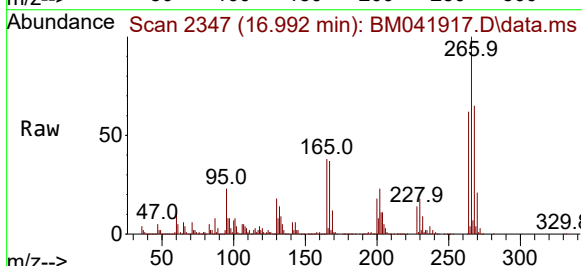
Tgt Ion:266 Resp: 1253321

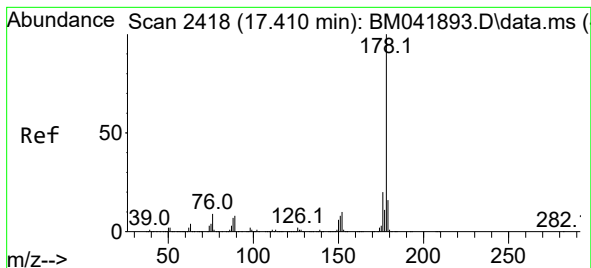
Ion Ratio Lower Upper

266 100

268 64.6 50.5 75.7

264 62.4 50.6 76.0





#71

Phenanthrene

Concen: 53.075 ng

RT: 17.410 min Scan# 2418

Delta R.T. 0.000 min

Lab File: BM041917.D

Acq: 19 Sep 2023 23:52

Instrument :

BNA_M

ClientSampleId :

PB155480BS

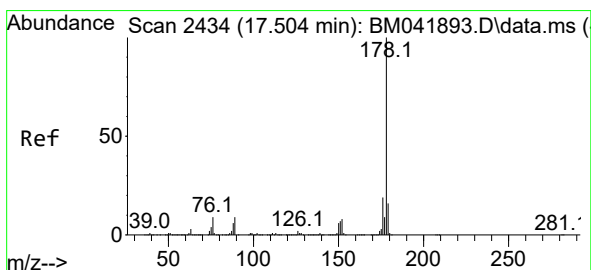
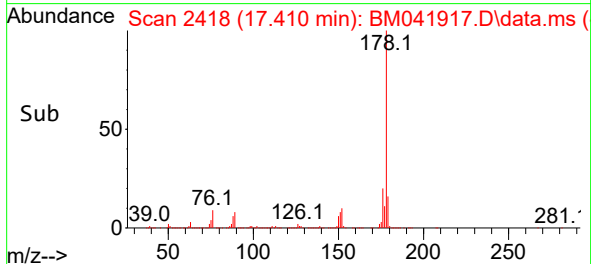
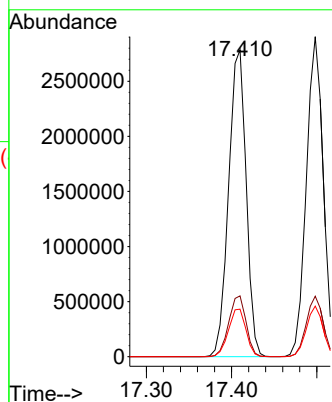
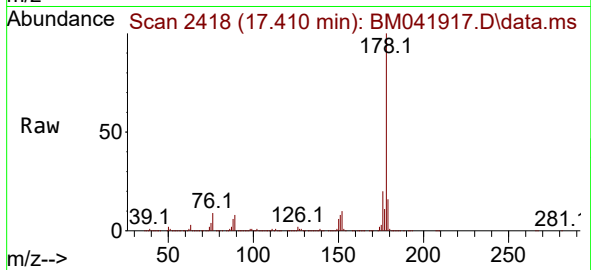
Tgt Ion:178 Resp: 3978935

Ion Ratio Lower Upper

178 100

176 19.8 15.7 23.5

179 15.5 12.4 18.6



#72

Anthracene

Concen: 52.293 ng

RT: 17.498 min Scan# 2433

Delta R.T. -0.006 min

Lab File: BM041917.D

Acq: 19 Sep 2023 23:52

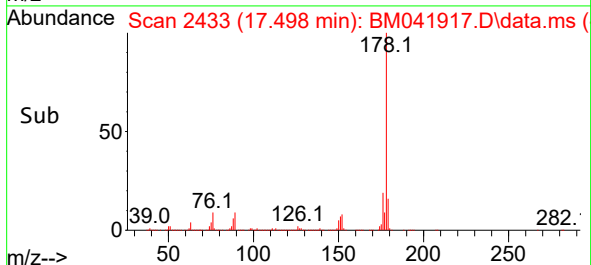
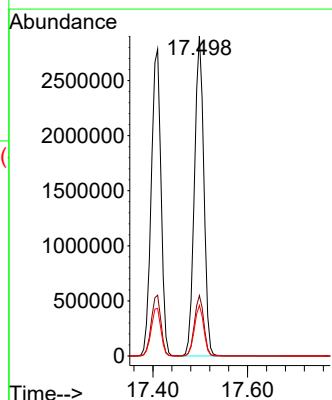
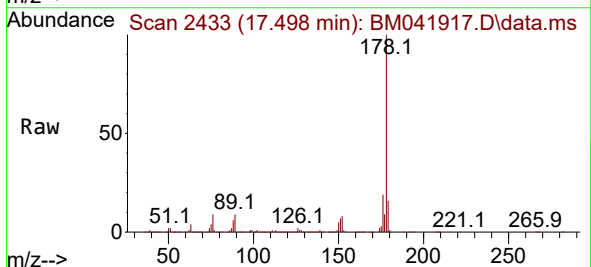
Tgt Ion:178 Resp: 3999199

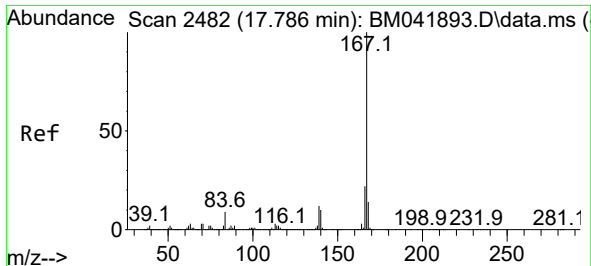
Ion Ratio Lower Upper

178 100

176 18.9 15.4 23.2

179 15.8 12.5 18.7

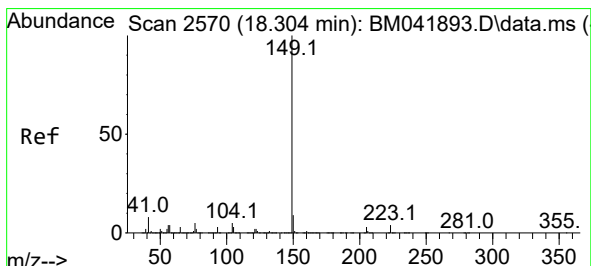
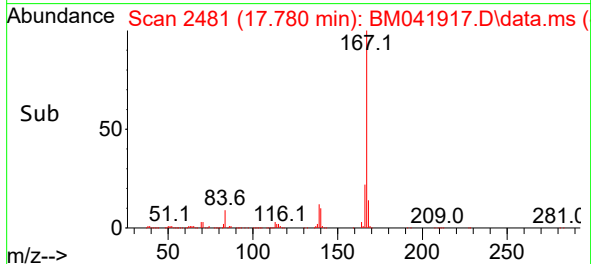
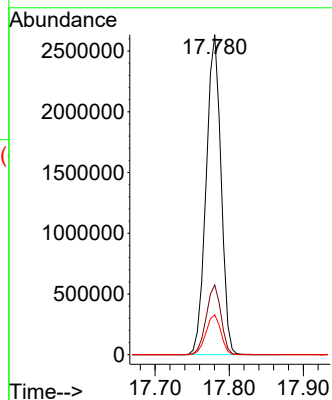
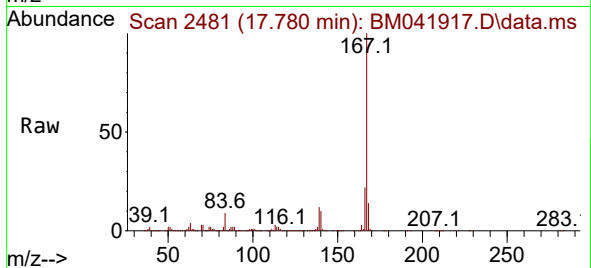




#73
 Carbazole
 Concen: 52.261 ng
 RT: 17.780 min Scan# 2482
 Delta R.T. -0.006 min
 Lab File: BM041917.D
 Acq: 19 Sep 2023 23:52

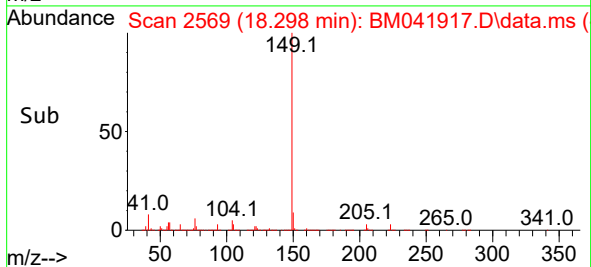
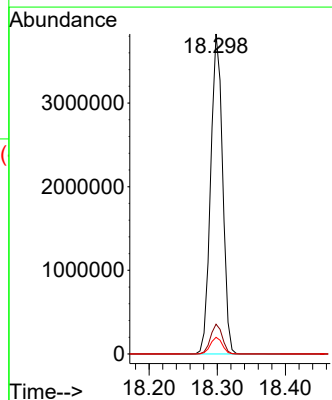
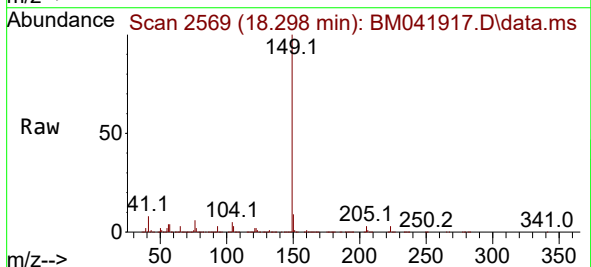
Instrument :
 BNA_M
 ClientSampleId :
 PB155480BS

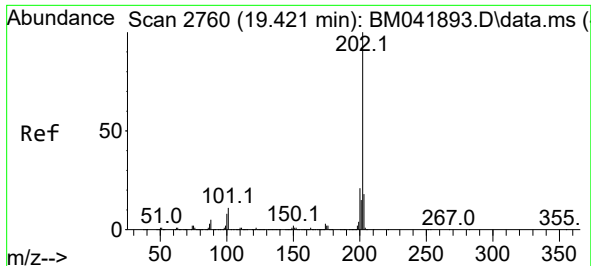
Tgt Ion:167 Resp: 3664722
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.5 26.3
 139 12.4 10.0 15.0



#74
 Di-n-butylphthalate
 Concen: 51.860 ng
 RT: 18.298 min Scan# 2569
 Delta R.T. -0.006 min
 Lab File: BM041917.D
 Acq: 19 Sep 2023 23:52

Tgt Ion:149 Resp: 4668690
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.2
 104 5.2 4.2 6.4

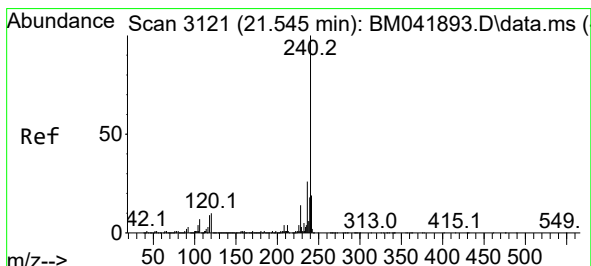
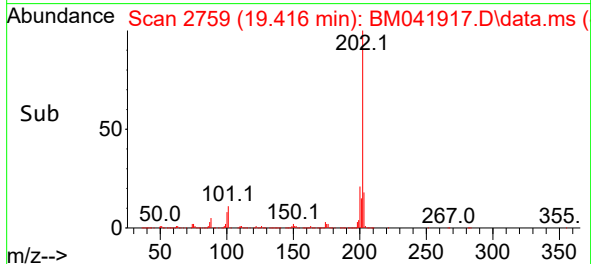
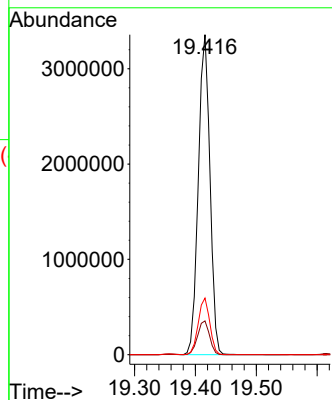
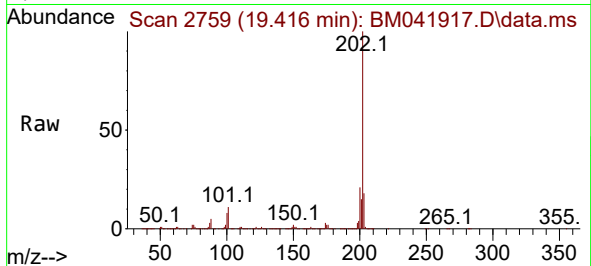




#75
Fluoranthene
Concen: 50.421 ng
RT: 19.416 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM041917.D
Acq: 19 Sep 2023 23:52

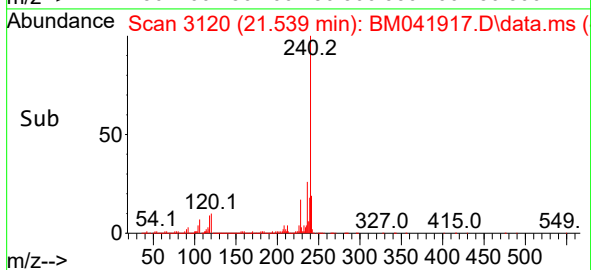
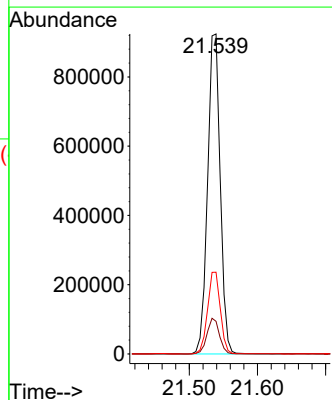
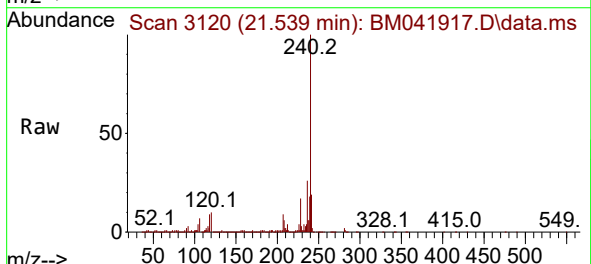
Instrument :
BNA_M
ClientSampleId :
PB155480BS

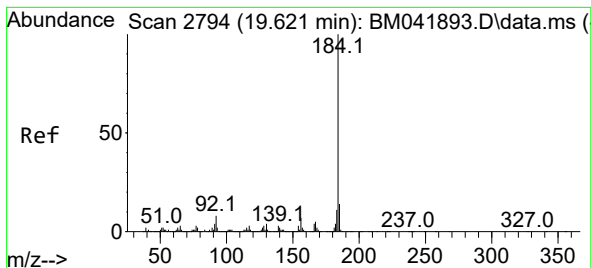
Tgt Ion:202 Resp: 4437709
Ion Ratio Lower Upper
202 100
101 10.6 0.0 30.5
203 17.7 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.539 min Scan# 3120
Delta R.T. -0.006 min
Lab File: BM041917.D
Acq: 19 Sep 2023 23:52

Tgt Ion:240 Resp: 1191248
Ion Ratio Lower Upper
240 100
120 10.2 8.1 12.1
236 25.5 20.7 31.1





#77

Benzidine

Concen: 74.605 ng

RT: 19.616 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM041917.D

Acq: 19 Sep 2023 23:52

Instrument :

BNA_M

ClientSampleId :

PB155480BS

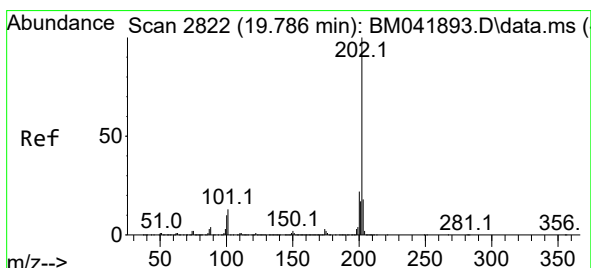
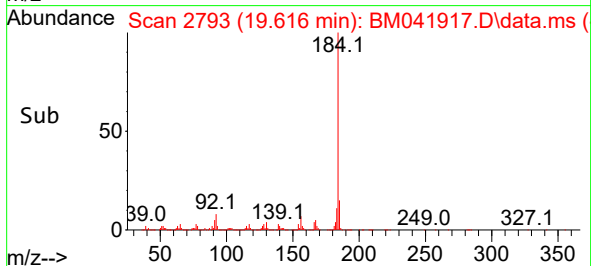
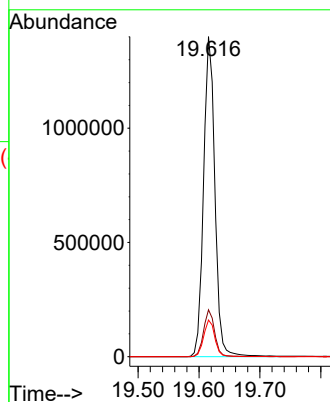
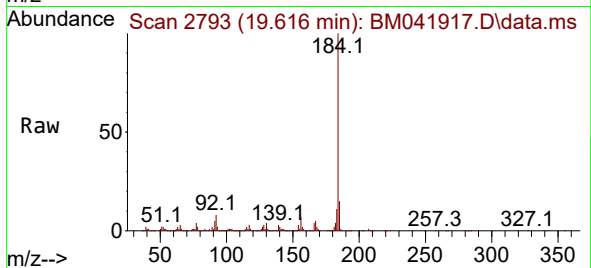
Tgt Ion:184 Resp: 1814075

Ion Ratio Lower Upper

184 100

185 14.7 11.2 16.8

183 11.4 9.1 13.7



#78

Pyrene

Concen: 55.262 ng

RT: 19.780 min Scan# 2821

Delta R.T. -0.006 min

Lab File: BM041917.D

Acq: 19 Sep 2023 23:52

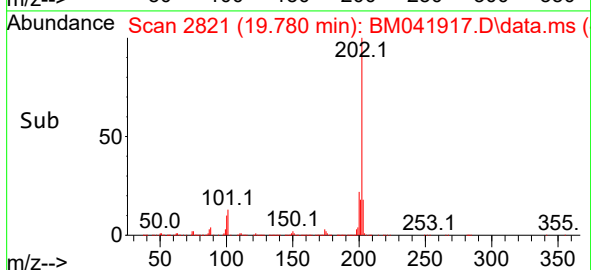
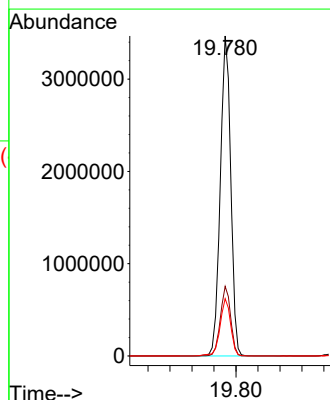
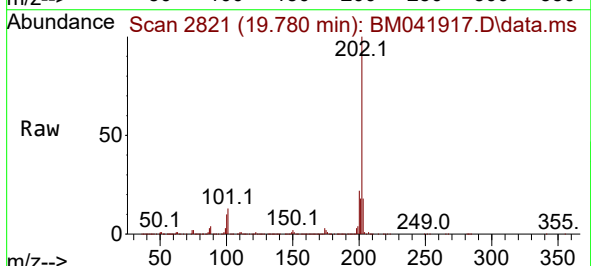
Tgt Ion:202 Resp: 4580598

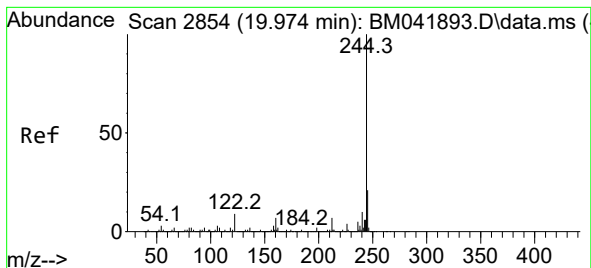
Ion Ratio Lower Upper

202 100

200 21.7 17.3 25.9

203 17.9 14.2 21.4





#79

Terphenyl-d14

Concen: 106.447 ng

RT: 19.969 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM041917.D

Acq: 19 Sep 2023 23:52

Instrument :

BNA_M

ClientSampleId :

PB155480BS

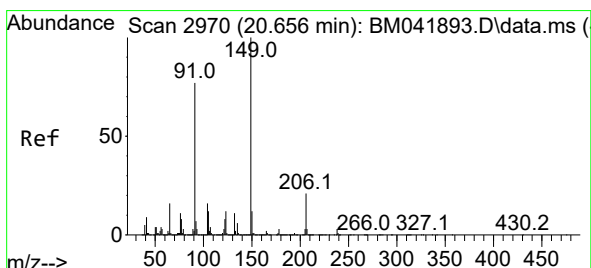
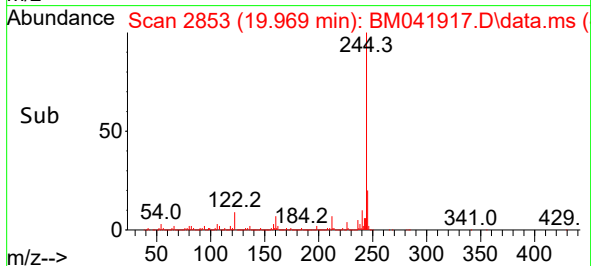
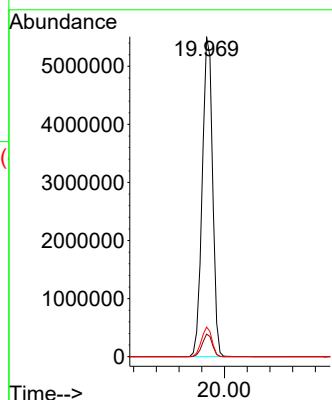
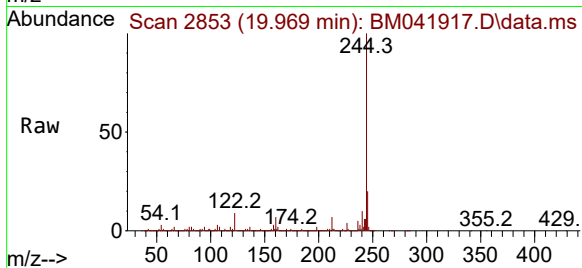
Tgt Ion:244 Resp: 6962343

Ion Ratio Lower Upper

244 100

212 7.1 5.7 8.5

122 9.3 7.4 11.0



#80

Butylbenzylphthalate

Concen: 52.673 ng

RT: 20.651 min Scan# 2969

Delta R.T. -0.006 min

Lab File: BM041917.D

Acq: 19 Sep 2023 23:52

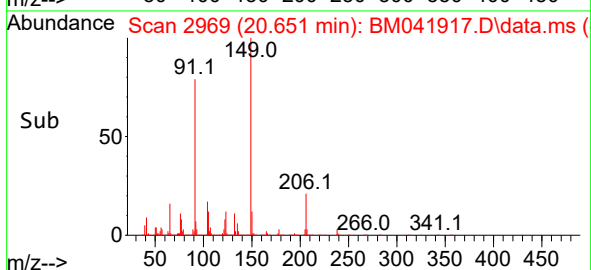
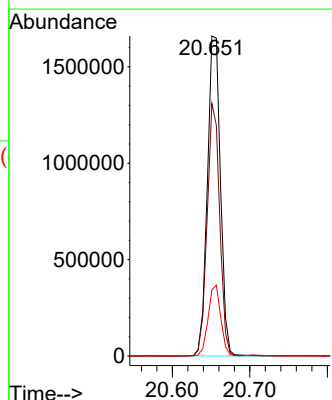
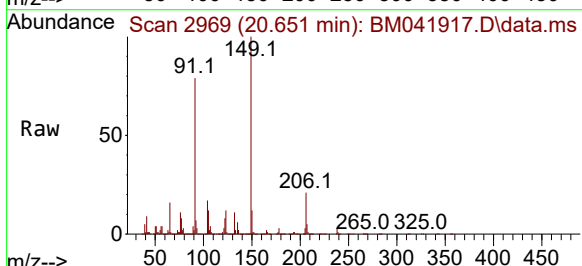
Tgt Ion:149 Resp: 1941841

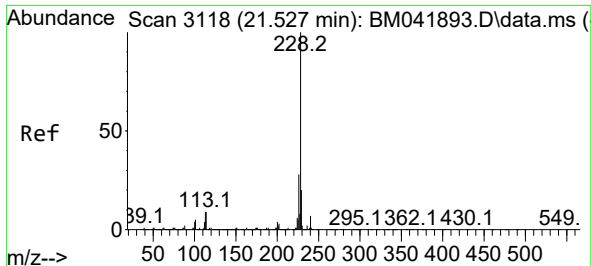
Ion Ratio Lower Upper

149 100

91 78.9 61.7 92.5

206 20.6 16.9 25.3

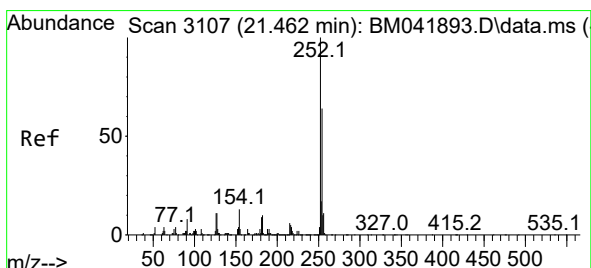
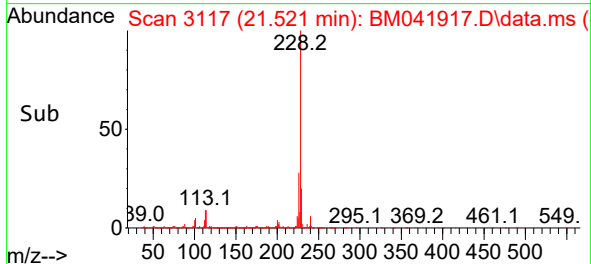
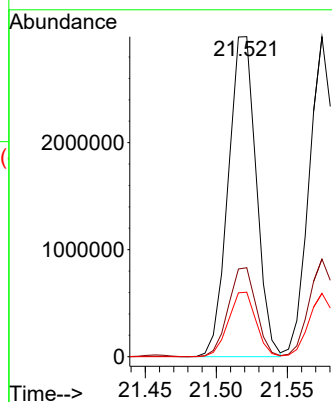
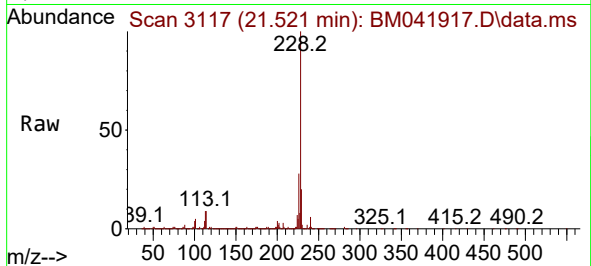




#81
Benzo(a)anthracene
Concen: 52.714 ng
RT: 21.521 min Scan# 3117
Delta R.T. -0.006 min
Lab File: BM041917.D
Acq: 19 Sep 2023 23:52

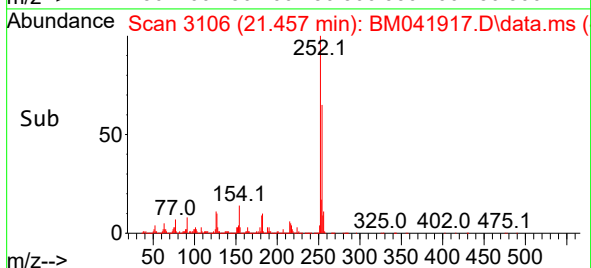
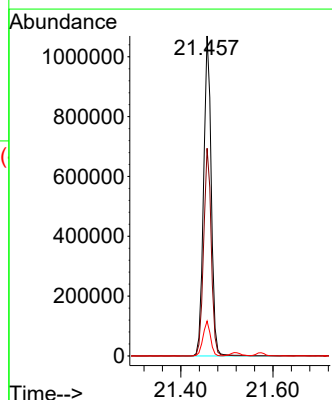
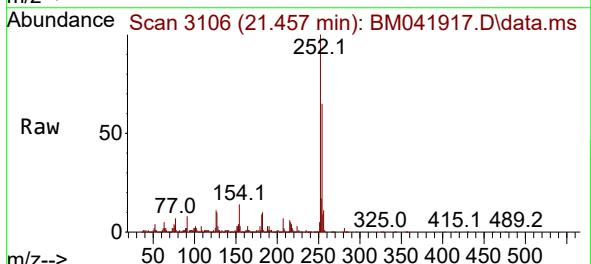
Instrument :
BNA_M
ClientSampleId :
PB155480BS

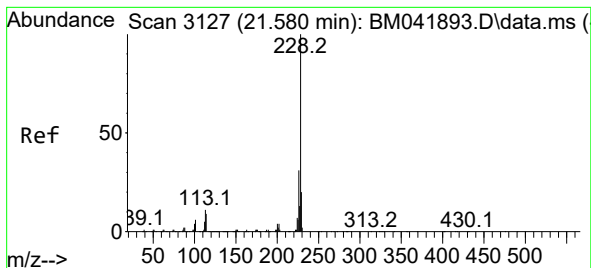
Tgt Ion:228 Resp: 4095569
Ion Ratio Lower Upper
228 100
226 27.8 22.2 33.4
229 20.1 16.1 24.1



#82
3,3'-Dichlorobenzidine
Concen: 45.192 ng
RT: 21.457 min Scan# 3106
Delta R.T. -0.006 min
Lab File: BM041917.D
Acq: 19 Sep 2023 23:52

Tgt Ion:252 Resp: 1236508
Ion Ratio Lower Upper
252 100
254 64.9 51.3 76.9
126 10.9 8.6 13.0





#83

Chrysene

Concen: 50.931 ng

RT: 21.574 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM041917.D

Acq: 19 Sep 2023 23:52

Instrument :

BNA_M

ClientSampleId :

PB155480BS

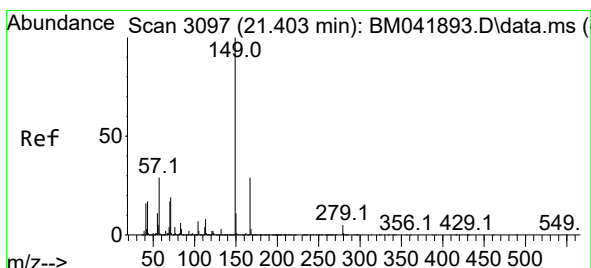
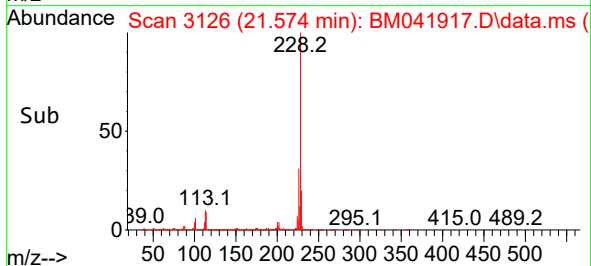
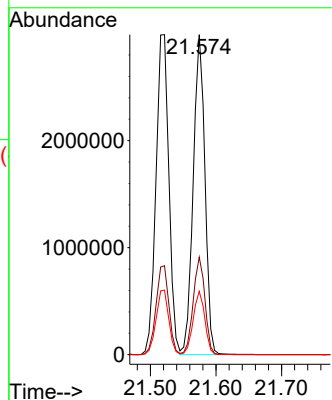
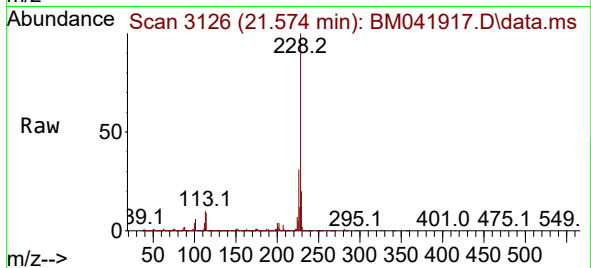
Tgt Ion:228 Resp: 3708964

Ion Ratio Lower Upper

228 100

226 30.5 24.4 36.6

229 19.8 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.667 ng

RT: 21.398 min Scan# 3096

Delta R.T. -0.006 min

Lab File: BM041917.D

Acq: 19 Sep 2023 23:52

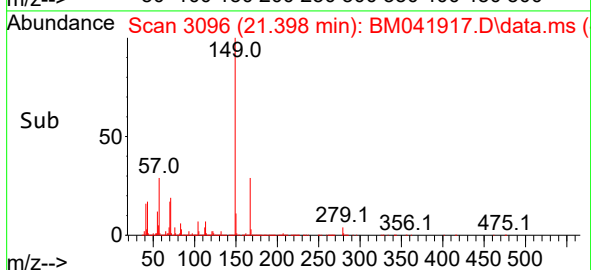
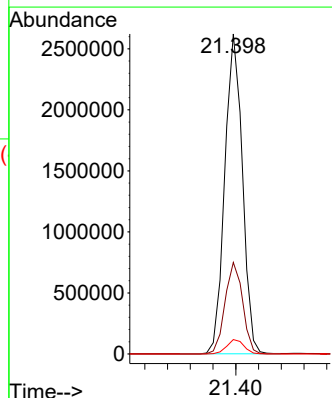
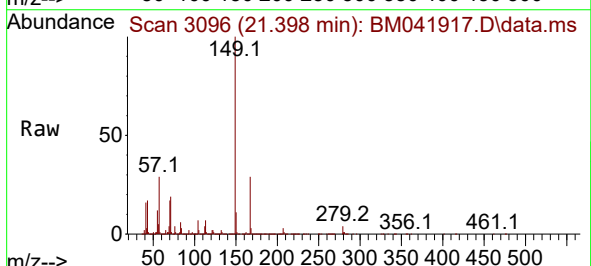
Tgt Ion:149 Resp: 2825705

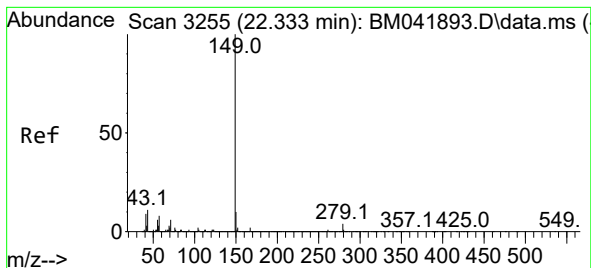
Ion Ratio Lower Upper

149 100

167 28.6 23.0 34.6

279 4.5 3.7 5.5





#85

Di-n-octyl phthalate

Concen: 51.228 ng

RT: 22.327 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM041917.D

Acq: 19 Sep 2023 23:52

Instrument :

BNA_M

ClientSampleId :

PB155480BS

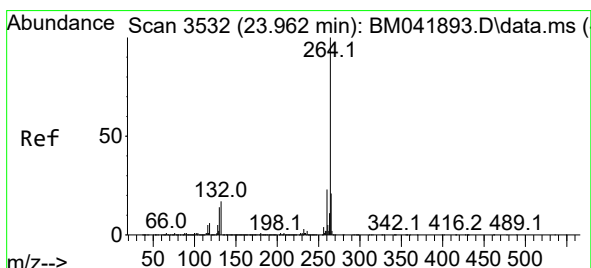
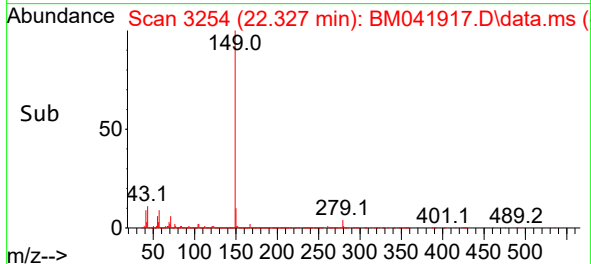
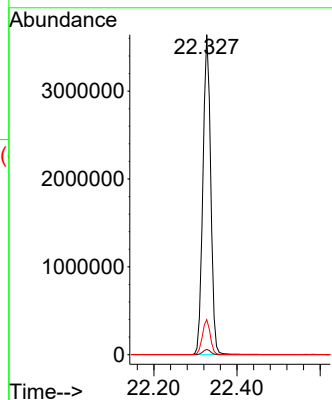
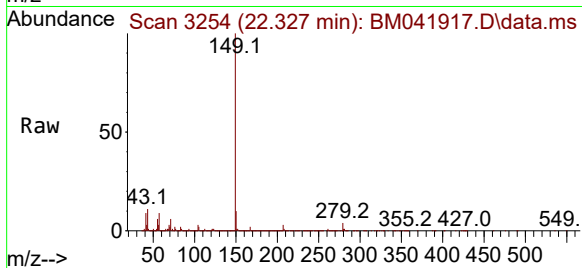
Tgt Ion:149 Resp: 4716040

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 11.1 8.7 13.1



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.951 min Scan# 3530

Delta R.T. -0.011 min

Lab File: BM041917.D

Acq: 19 Sep 2023 23:52

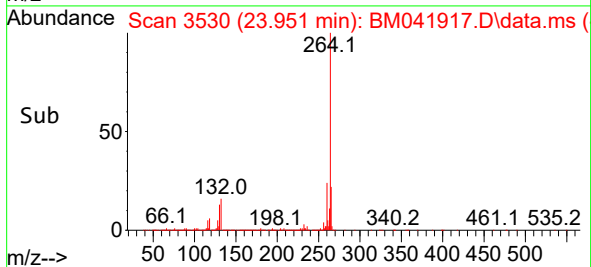
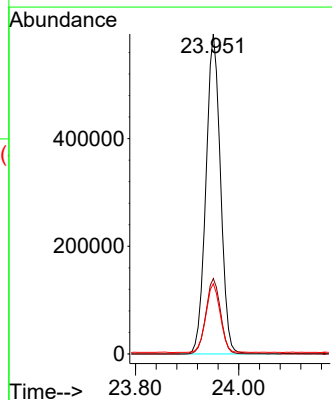
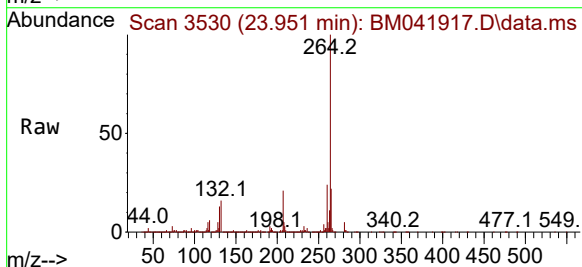
Tgt Ion:264 Resp: 1161950

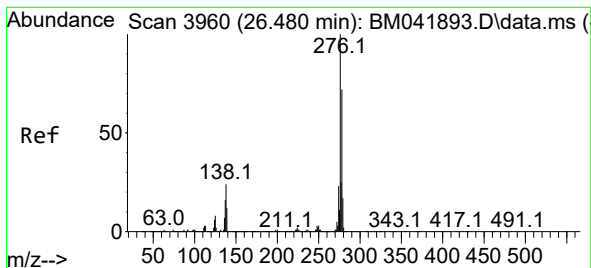
Ion Ratio Lower Upper

264 100

260 23.5 18.6 28.0

265 22.0 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 54.414 ng

RT: 26.462 min Scan# 3957

Delta R.T. -0.017 min

Lab File: BM041917.D

Acq: 19 Sep 2023 23:52

Instrument :

BNA_M

ClientSampleId :

PB155480BS

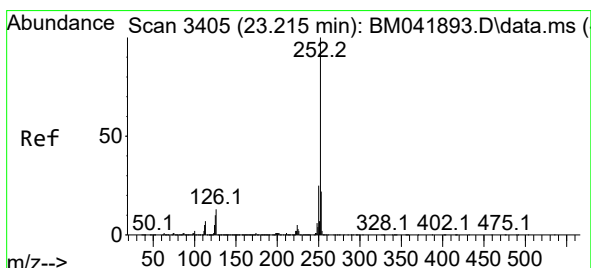
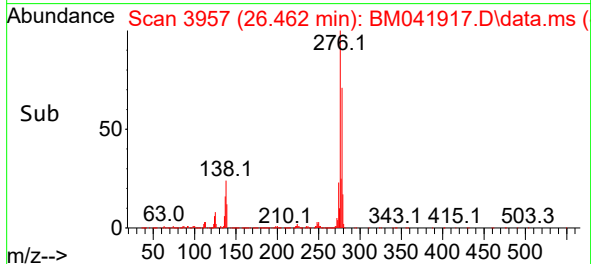
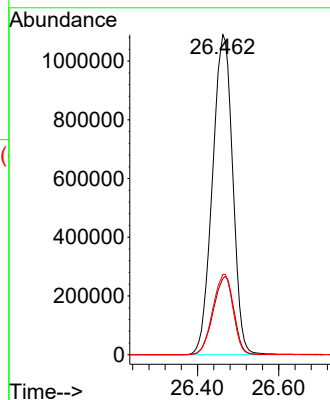
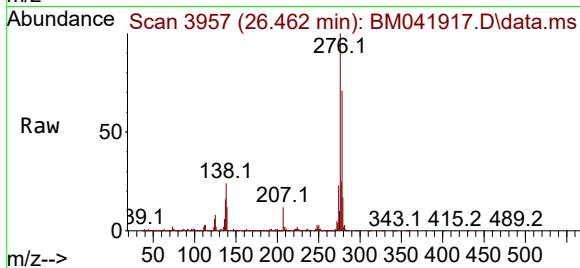
Tgt Ion:276 Resp: 3775037

Ion Ratio Lower Upper

276 100

138 24.9 19.8 29.8

277 25.2 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 54.692 ng

RT: 23.210 min Scan# 3404

Delta R.T. -0.006 min

Lab File: BM041917.D

Acq: 19 Sep 2023 23:52

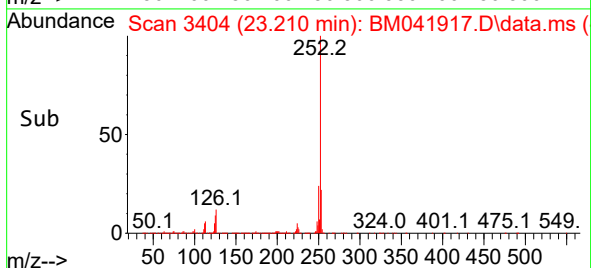
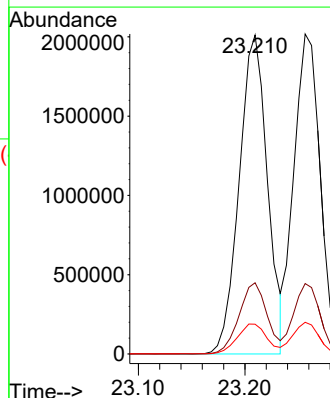
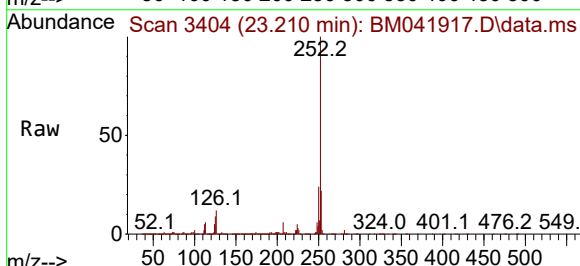
Tgt Ion:252 Resp: 3710182

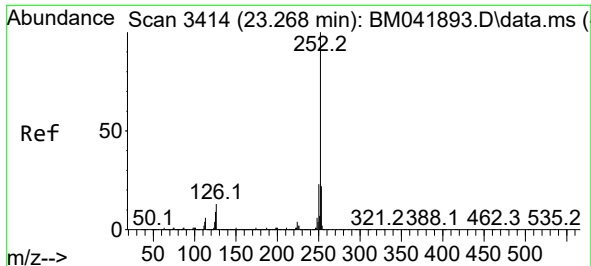
Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.6

125 9.3 7.8 11.6

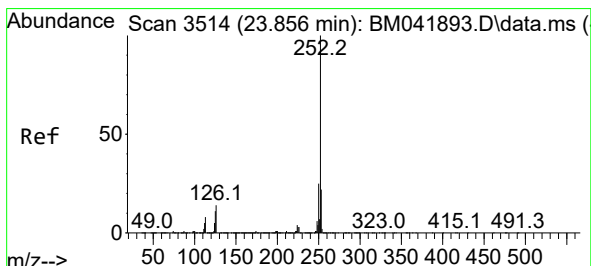
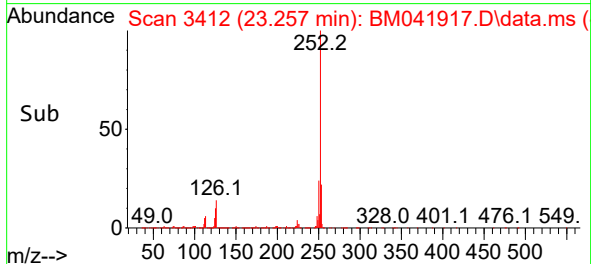
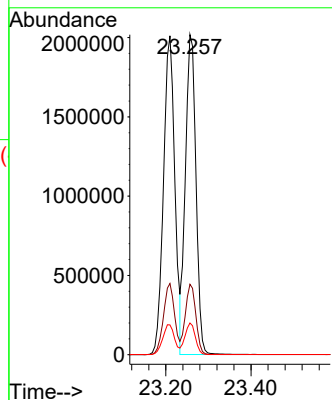
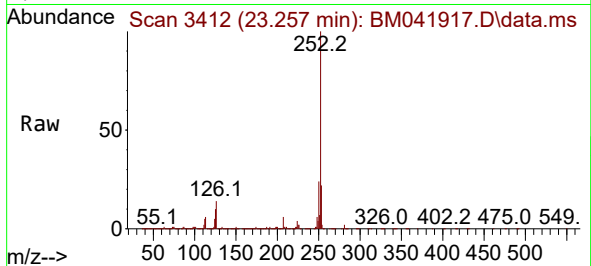




#89
Benzo(k)fluoranthene
Concen: 51.662 ng
RT: 23.257 min Scan# 3414
Delta R.T. -0.011 min
Lab File: BM041917.D
Acq: 19 Sep 2023 23:52

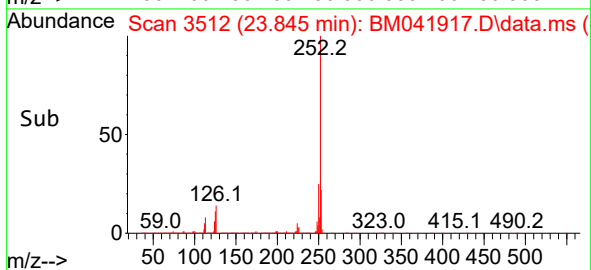
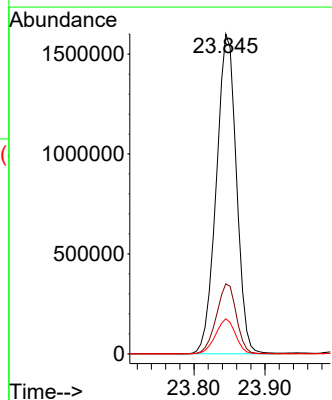
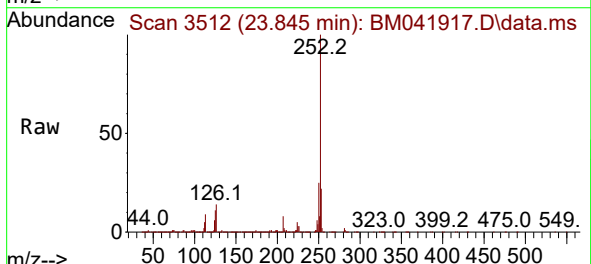
Instrument :
BNA_M
ClientSampleId :
PB155480BS

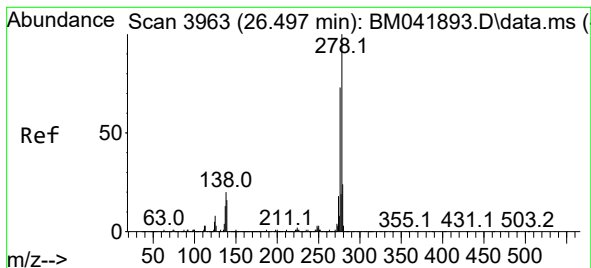
Tgt Ion:252 Resp: 3463251
Ion Ratio Lower Upper
252 100
253 22.0 17.7 26.5
125 9.9 7.7 11.5



#90
Benzo(a)pyrene
Concen: 49.255 ng
RT: 23.845 min Scan# 3512
Delta R.T. -0.011 min
Lab File: BM041917.D
Acq: 19 Sep 2023 23:52

Tgt Ion:252 Resp: 3135331
Ion Ratio Lower Upper
252 100
253 21.9 17.5 26.3
125 11.0 8.6 12.8





#91

Dibenzo(a,h)anthracene

Concen: 54.944 ng

RT: 26.480 min Scan# 3960

Delta R.T. -0.017 min

Lab File: BM041917.D

Acq: 19 Sep 2023 23:52

Instrument :

BNA_M

ClientSampleId :

PB155480BS

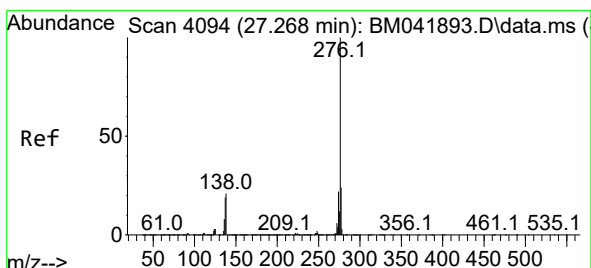
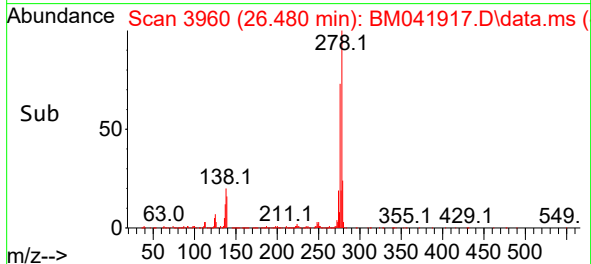
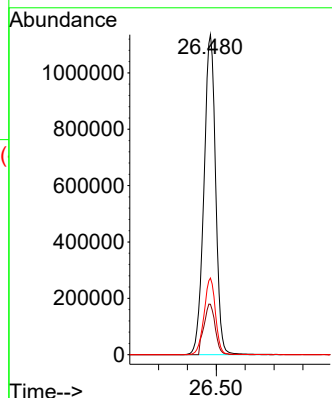
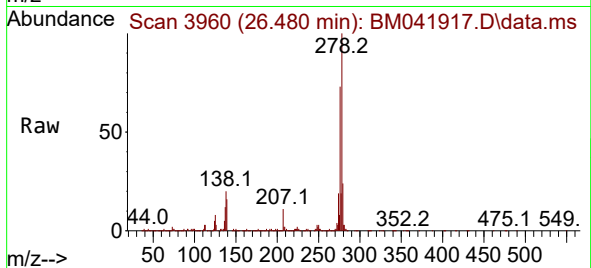
Tgt Ion:278 Resp: 3177818

Ion Ratio Lower Upper

278 100

139 15.8 12.8 19.2

279 23.9 19.2 28.8



#92

Benzo(g,h,i)perylene

Concen: 54.031 ng

RT: 27.245 min Scan# 4090

Delta R.T. -0.023 min

Lab File: BM041917.D

Acq: 19 Sep 2023 23:52

Tgt Ion:276 Resp: 2985840

Ion Ratio Lower Upper

276 100

277 23.6 19.4 29.2

138 21.9 17.0 25.4

