

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091923\
 Data File : BM041914.D
 Acq On : 19 Sep 2023 22:02
 Operator : MA/JU
 Sample : PB155451BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB155451BS

Quant Time: Sep 20 02:11:41 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	371791	20.000	ng	0.00
21) Naphthalene-d8	10.780	136	1531434	20.000	ng	0.00
39) Acenaphthene-d10	14.610	164	914491	20.000	ng	0.00
64) Phenanthrene-d10	17.362	188	1796919	20.000	ng	0.00
76) Chrysene-d12	21.539	240	1393519	20.000	ng	0.00
86) Perylene-d12	23.956	264	1338842	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	1964021	87.987	ng	0.00
7) Phenol-d6	7.110	99	2578313	83.190	ng	0.00
23) Nitrobenzene-d5	9.157	82	2370404	78.808	ng	0.00
42) 2,4,6-Tribromophenol	16.104	330	887394	77.773	ng	0.00
45) 2-Fluorobiphenyl	13.233	172	4977440	79.888	ng	0.00
79) Terphenyl-d14	19.974	244	6886950	90.011	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.410	88	261055	28.673	ng	99
3) Pyridine	3.816	79	763640	27.000	ng	99
4) n-Nitrosodimethylamine	3.740	42	502923	37.409	ng	96
6) Aniline	7.304	93	1261452	30.721	ng	100
8) 2-Chlorophenol	7.522	128	1042918	41.966	ng	98
9) Benzaldehyde	7.122	77	328203	18.731	ng	97
10) Phenol	7.140	94	1352136	42.502	ng	99
11) bis(2-Chloroethyl)ether	7.398	93	1009576	38.044	ng	99
12) 1,3-Dichlorobenzene	7.845	146	1040111	39.197	ng	99
13) 1,4-Dichlorobenzene	7.998	146	1062887	39.421	ng	99
14) 1,2-Dichlorobenzene	8.310	146	1028948	39.701	ng	100
15) Benzyl Alcohol	8.216	79	951458	38.885	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.486	45	1556058	38.341	ng	99
17) 2-Methylphenol	8.398	107	885511	38.279	ng	99
18) Hexachloroethane	9.034	117	393532	38.830	ng	99
19) n-Nitroso-di-n-propyla...	8.781	70	842949	36.588	ng	99
20) 3+4-Methylphenols	8.728	107	1199690	37.783	ng	97
22) Acetophenone	8.810	105	1513584	39.536	ng	# 99
24) Nitrobenzene	9.204	77	1178341	39.469	ng	99
25) Isophorone	9.716	82	2244289	37.804	ng	99
26) 2-Nitrophenol	9.898	139	548410	40.784	ng	99
27) 2,4-Dimethylphenol	9.933	122	951960	39.365	ng	99
28) bis(2-Chloroethoxy)met...	10.192	93	1375404	39.641	ng	99
29) 2,4-Dichlorophenol	10.422	162	996686	42.588	ng	100
30) 1,2,4-Trichlorobenzene	10.633	180	980511	40.808	ng	99
31) Naphthalene	10.833	128	3013513	39.087	ng	100
32) Benzoic acid	10.086	122	727284	38.170	ng	99
33) 4-Chloroaniline	10.957	127	679426	19.689	ng	100
34) Hexachlorobutadiene	11.063	225	578726	39.433	ng	98
35) Caprolactam	11.798	113	172269	20.596	ng	100
36) 4-Chloro-3-methylphenol	12.057	107	1035345	39.697	ng	98
37) 2-Methylnaphthalene	12.439	142	2095578	36.968	ng	100
38) 1-Methylnaphthalene	12.657	142	2005028	37.661	ng	99
40) 1,2,4,5-Tetrachloroben...	12.786	216	1081289	40.771	ng	100
41) Hexachlorocyclopentadiene	12.739	237	1397515	93.715	ng	98
43) 2,4,6-Trichlorophenol	13.039	196	763753	42.316	ng	100

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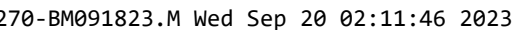
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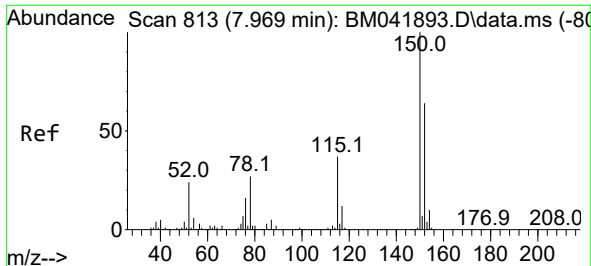
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.104	196	829745	39.281	ng	98
46) 1,1'-Biphenyl	13.445	154	2730724	40.472	ng	99
47) 2-Chloronaphthalene	13.498	162	2069588	42.118	ng	100
48) 2-Nitroaniline	13.721	65	702278	39.998	ng	98
49) Acenaphthylene	14.345	152	3371348	41.343	ng	99
50) Dimethylphthalate	14.074	163	2630383	38.907	ng	99
51) 2,6-Dinitrotoluene	14.216	165	566331	39.528	ng	98
52) Acenaphthene	14.680	154	1947343	39.704	ng	99
53) 3-Nitroaniline	14.551	138	450226	28.076	ng	98
54) 2,4-Dinitrophenol	14.751	184	707055	79.018	ng	97
55) Dibenzofuran	15.010	168	3094576	39.087	ng	100
56) 4-Nitrophenol	14.839	139	1010920	79.486	ng	97
57) 2,4-Dinitrotoluene	14.998	165	756120	39.889	ng	98
58) Fluorene	15.663	166	2447960	39.219	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.227	232	703885	40.599	ng	99
60) Diethylphthalate	15.421	149	2581147	38.381	ng	99
61) 4-Chlorophenyl-phenyle...	15.651	204	1271863	38.841	ng	98
62) 4-Nitroaniline	15.721	138	553141	35.870	ng	99
63) Azobenzene	15.945	77	2676967	39.264	ng	99
65) 4,6-Dinitro-2-methylph...	15.745	198	429944	41.667	ng	98
66) n-Nitrosodiphenylamine	15.874	169	2158233	42.526	ng	99
67) 4-Bromophenyl-phenylether	16.545	248	741788	40.059	ng	97
68) Hexachlorobenzene	16.633	284	869668	44.358	ng	98
69) Atrazine	16.821	200	762412	48.175	ng	98
70) Pentachlorophenol	16.992	266	1037623	70.048	ng	98
71) Phenanthrene	17.409	178	3777605	42.153	ng	100
72) Anthracene	17.498	178	3821870	41.806	ng	100
73) Carbazole	17.780	167	3484267	41.565	ng	99
74) Di-n-butylphthalate	18.298	149	4435635	41.217	ng	100
75) Fluoranthene	19.415	202	4175045	39.683	ng	99
77) Benzidine	19.615	184	1340093	47.113	ng	99
78) Pyrene	19.780	202	4309607	44.446	ng	100
80) Butylbenzylphthalate	20.656	149	1817354	42.141	ng	96
81) Benzo(a)anthracene	21.521	228	3784276	41.637	ng	100
82) 3,3'-Dichlorobenzidine	21.456	252	1118643	34.950	ng	100
83) Chrysene	21.574	228	3418174	40.125	ng	100
84) Bis(2-ethylhexyl)phtha...	21.397	149	2639272	41.253	ng	99
85) Di-n-octyl phthalate	22.327	149	4341522	40.314	ng	99
87) Indeno(1,2,3-cd)pyrene	26.462	276	3484475	43.590	ng	100
88) Benzo(b)fluoranthene	23.209	252	3314327	42.401	ng	100
89) Benzo(k)fluoranthene	23.262	252	3238487	41.927	ng	100
90) Benzo(a)pyrene	23.850	252	2828341	38.561	ng	100
91) Dibenzo(a,h)anthracene	26.479	278	2915883	43.754	ng	99
92) Benzo(g,h,i)perylene	27.250	276	2798100	43.943	ng	99

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

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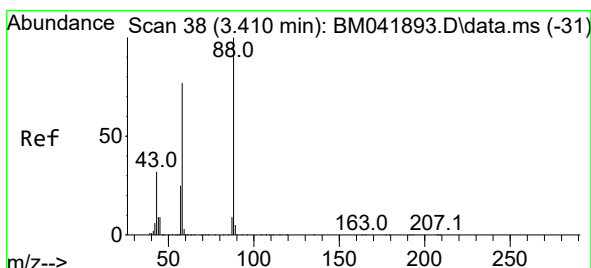
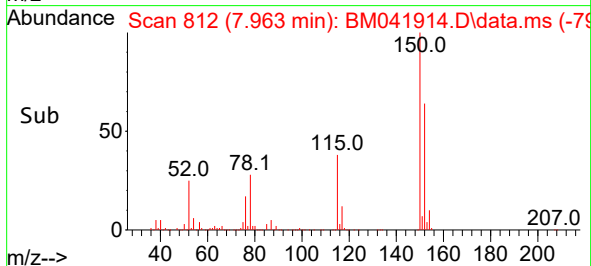
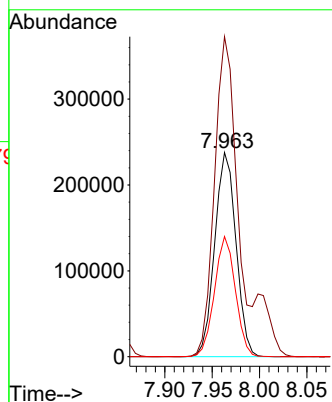
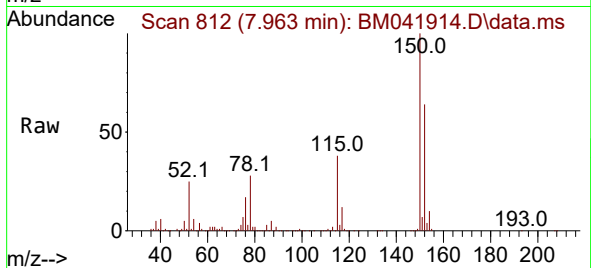




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.963 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM041914.D
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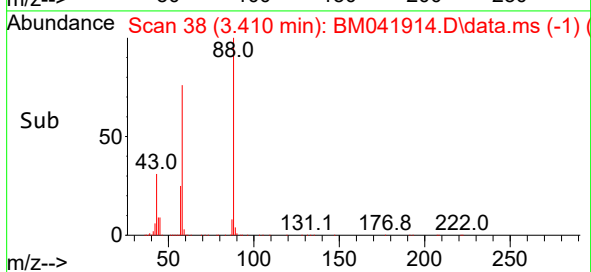
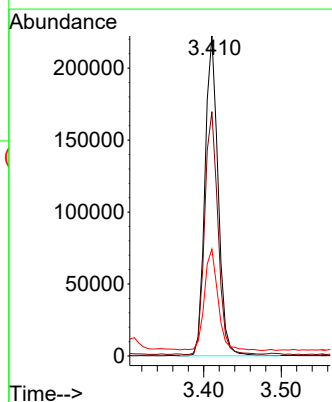
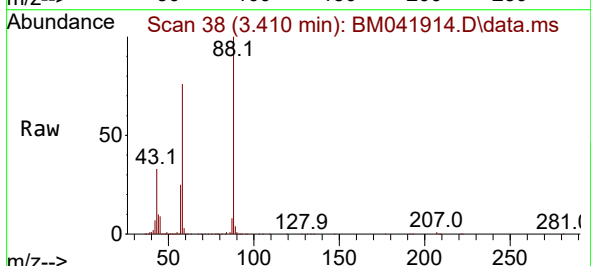
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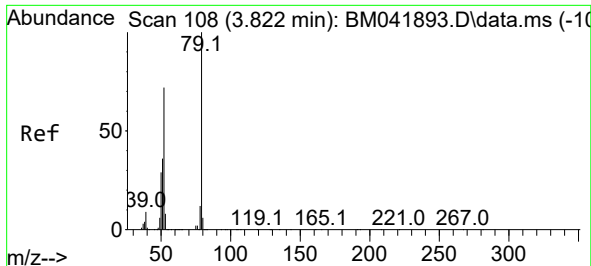
Tgt Ion:152 Resp: 371791
Ion Ratio Lower Upper
152 100
150 156.8 125.9 188.9
115 58.9 46.8 70.2



#2
1,4-Dioxane
Concen: 28.673 ng
RT: 3.410 min Scan# 38
Delta R.T. -0.000 min
Lab File: BM041914.D
Acq: 19 Sep 2023 22:02

Tgt Ion: 88 Resp: 261055
Ion Ratio Lower Upper
88 100
58 77.2 62.4 93.6
43 33.3 25.8 38.6

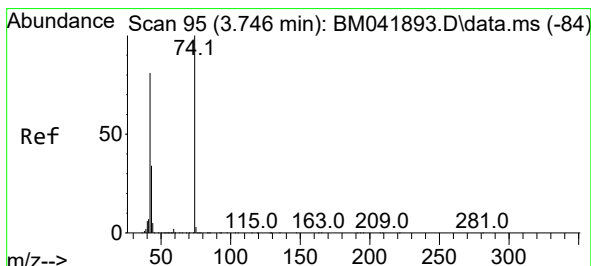
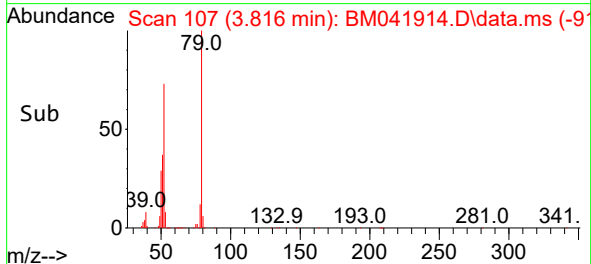
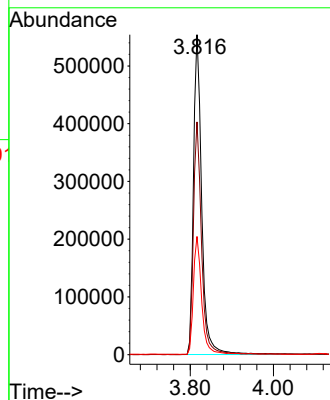
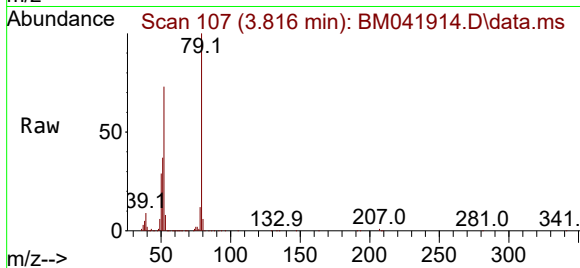




#3
Pyridine
Concen: 27.000 ng
RT: 3.816 min Scan# 108
Delta R.T. -0.006 min
Lab File: BM041914.D
Acq: 19 Sep 2023 22:02

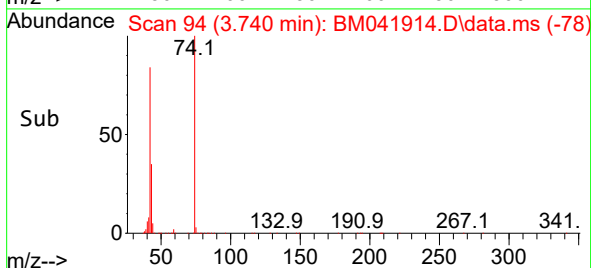
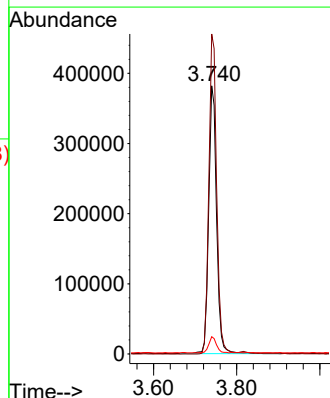
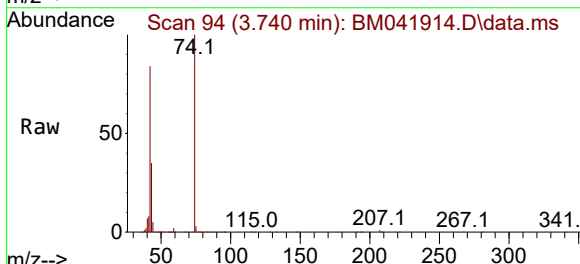
Instrument :
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ClientSampleId :
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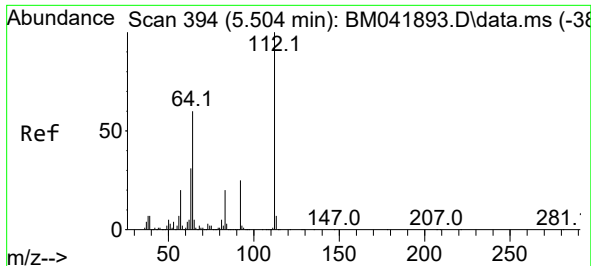
Tgt Ion: 79 Resp: 763640
Ion Ratio Lower Upper
79 100
52 72.7 57.2 85.8
51 36.9 28.9 43.3



#4
n-Nitrosodimethylamine
Concen: 37.409 ng
RT: 3.740 min Scan# 94
Delta R.T. -0.006 min
Lab File: BM041914.D
Acq: 19 Sep 2023 22:02

Tgt Ion: 42 Resp: 502923
Ion Ratio Lower Upper
42 100
74 119.3 98.8 148.2
44 6.4 5.1 7.7

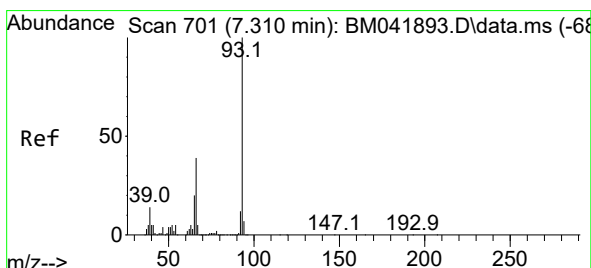
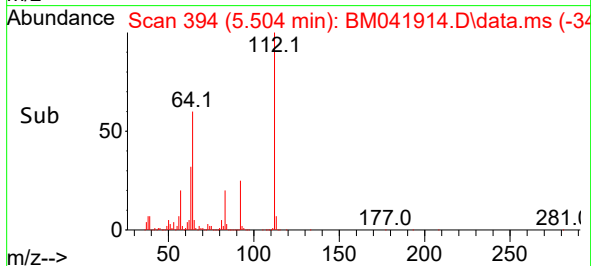
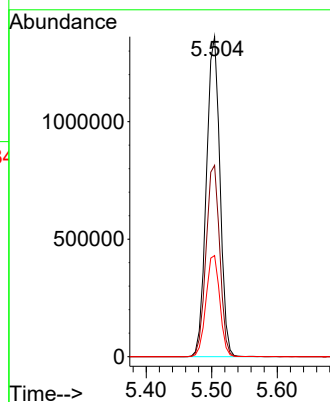
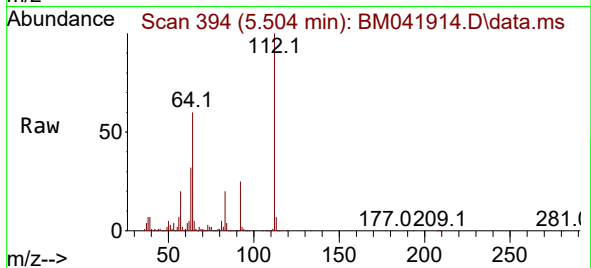




#5
2-Fluorophenol
Concen: 87.987 ng
RT: 5.504 min Scan# 394
Delta R.T. -0.000 min
Lab File: BM041914.D
Acq: 19 Sep 2023 22:02

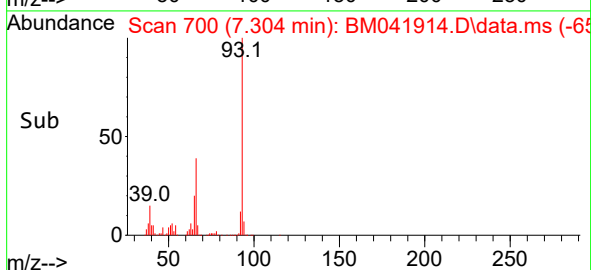
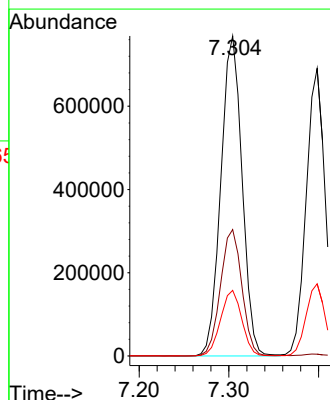
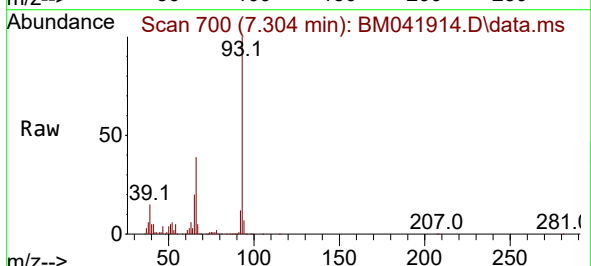
Instrument :
BNA_M
ClientSampleId :
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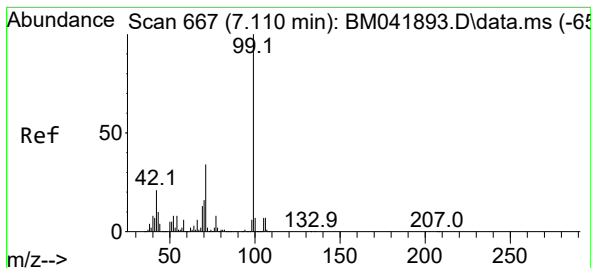
Tgt Ion:112 Resp: 1964021
Ion Ratio Lower Upper
112 100
64 59.8 48.1 72.1
63 31.6 25.0 37.6



#6
Aniline
Concen: 30.721 ng
RT: 7.304 min Scan# 700
Delta R.T. -0.006 min
Lab File: BM041914.D
Acq: 19 Sep 2023 22:02

Tgt Ion: 93 Resp: 1261452
Ion Ratio Lower Upper
93 100
66 39.5 31.4 47.2
65 20.5 16.2 24.4





#7

Phenol-d6

Concen: 83.190 ng

RT: 7.110 min Scan# 667

Delta R.T. -0.000 min

Lab File: BM041914.D

Acq: 19 Sep 2023 22:02

Instrument :

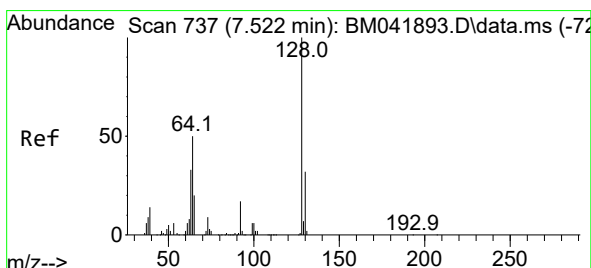
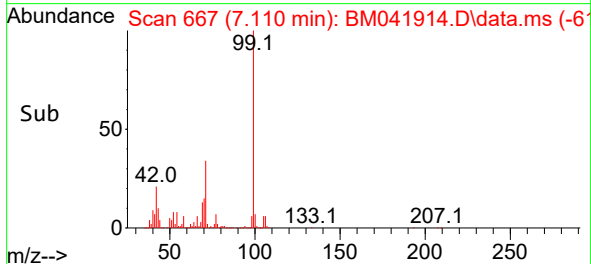
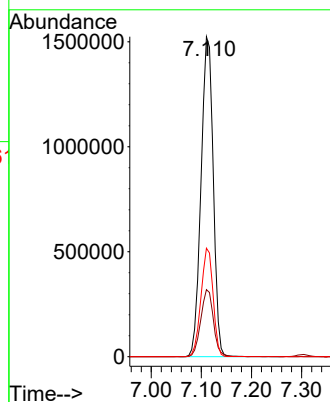
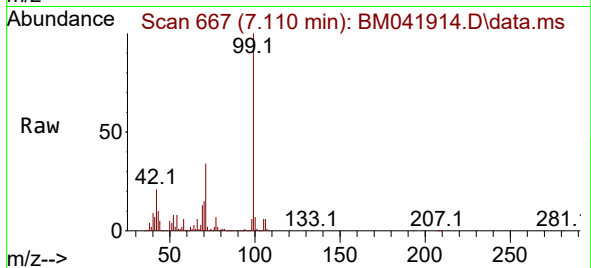
BNA_M

ClientSampleId :

PB155451BS

Tgt Ion: 99 Resp: 2578313

Ion	Ratio	Lower	Upper
99	100		
42	21.0	16.6	25.0
71	33.9	26.8	40.2



#8

2-Chlorophenol

Concen: 41.966 ng

RT: 7.522 min Scan# 737

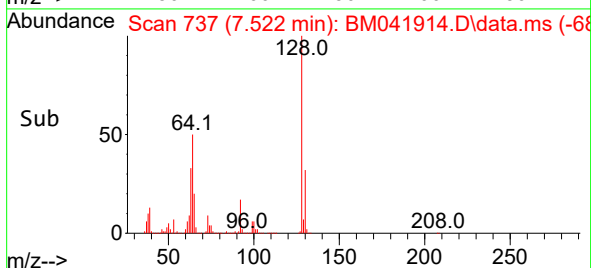
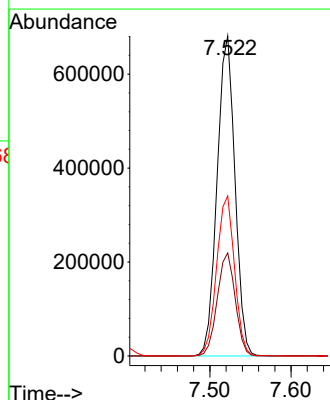
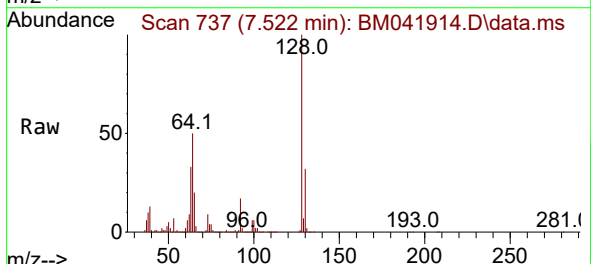
Delta R.T. -0.000 min

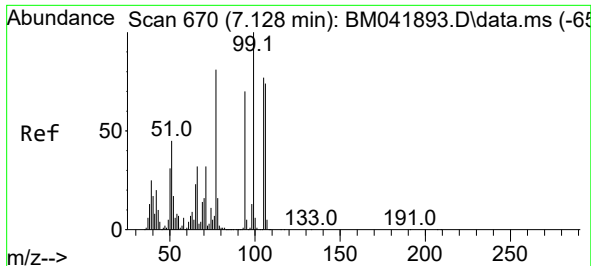
Lab File: BM041914.D

Acq: 19 Sep 2023 22:02

Tgt Ion:128 Resp: 1042918

Ion	Ratio	Lower	Upper
128	100		
130	32.2	12.4	52.4
64	50.0	31.7	71.7

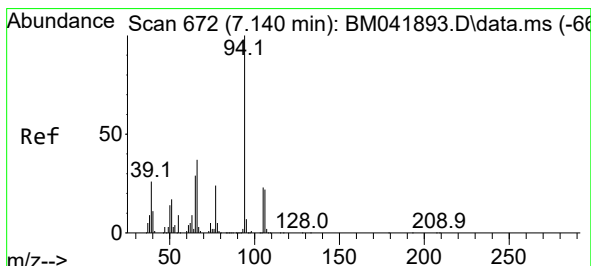
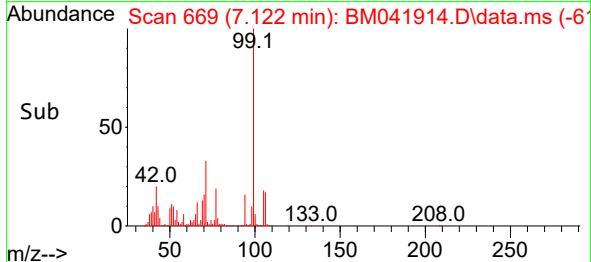
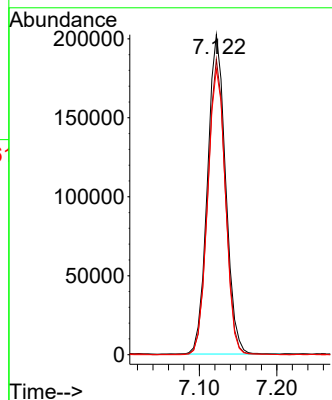
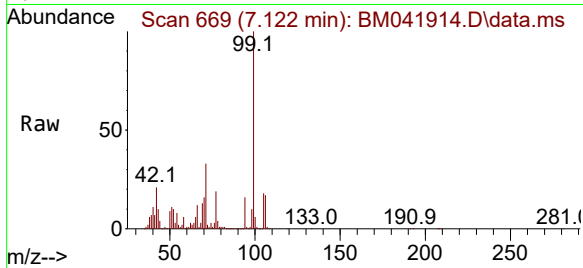




#9
Benzaldehyde
Concen: 18.731 ng
RT: 7.122 min Scan# 609
Delta R.T. -0.006 min
Lab File: BM041914.D
Acq: 19 Sep 2023 22:02

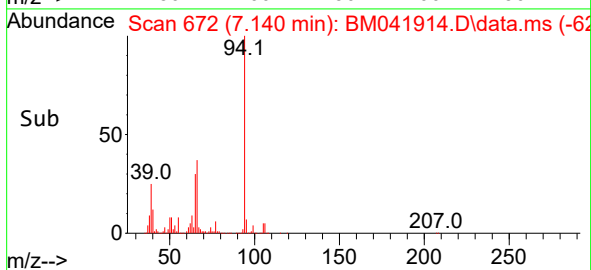
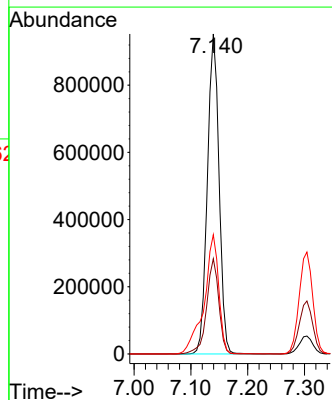
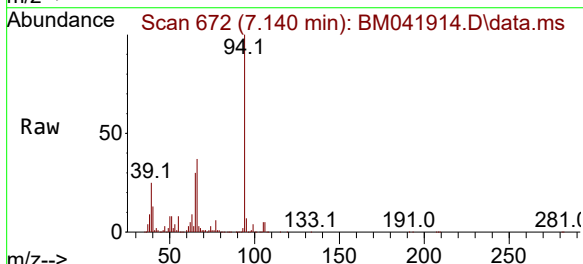
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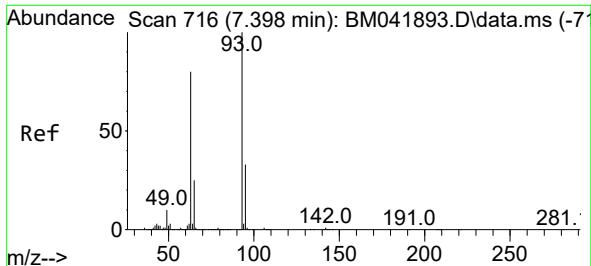
Tgt Ion: 77 Resp: 328203
Ion Ratio Lower Upper
77 100
105 92.4 75.1 115.1
106 89.3 71.6 111.6



#10
Phenol
Concen: 42.502 ng
RT: 7.140 min Scan# 672
Delta R.T. -0.000 min
Lab File: BM041914.D
Acq: 19 Sep 2023 22:02

Tgt Ion: 94 Resp: 1352136
Ion Ratio Lower Upper
94 100
65 29.8 9.1 49.1
66 37.3 17.3 57.3

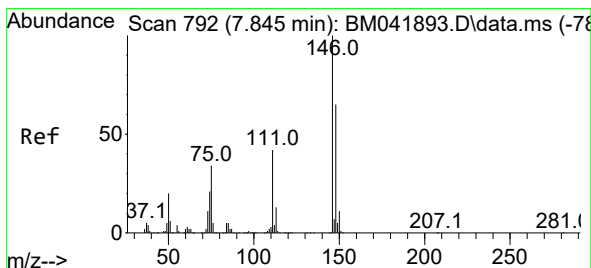
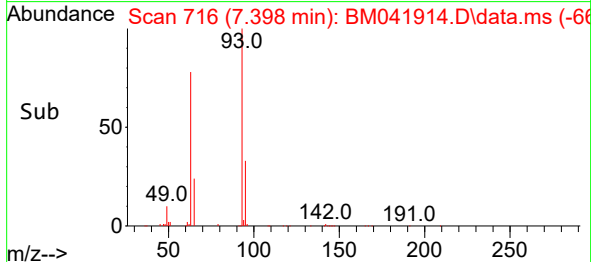
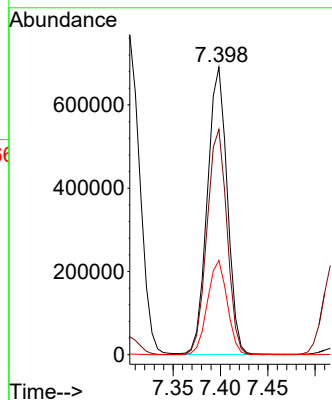
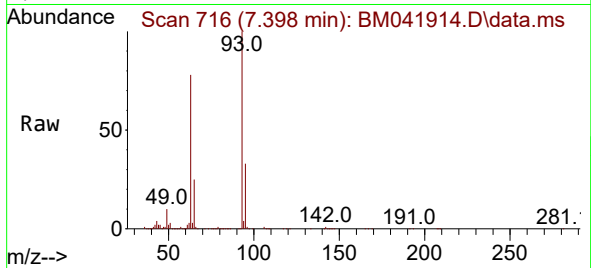




#11
bis(2-Chloroethyl)ether
Concen: 38.044 ng
RT: 7.398 min Scan# 716
Delta R.T. -0.000 min
Lab File: BM041914.D
Acq: 19 Sep 2023 22:02

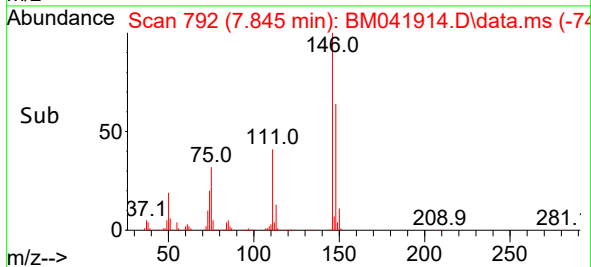
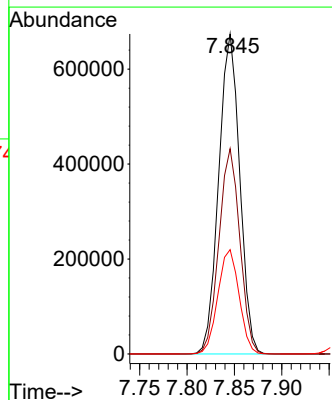
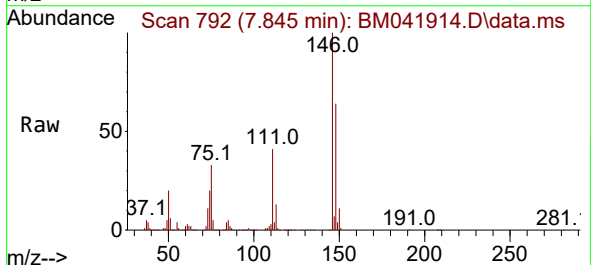
Instrument :
BNA_M
ClientSampleId :
PB155451BS

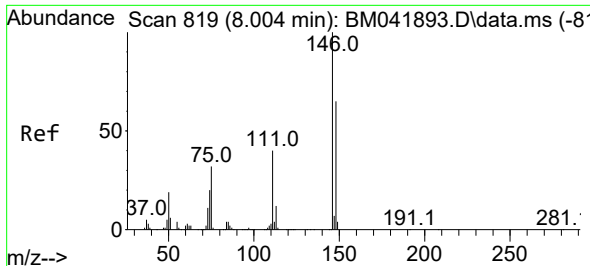
Tgt Ion: 93 Resp: 1009576
Ion Ratio Lower Upper
93 100
63 78.3 59.5 99.5
95 32.8 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 39.197 ng
RT: 7.845 min Scan# 792
Delta R.T. -0.000 min
Lab File: BM041914.D
Acq: 19 Sep 2023 22:02

Tgt Ion: 146 Resp: 1040111
Ion Ratio Lower Upper
146 100
148 64.2 51.7 77.5
75 32.6 27.2 40.8

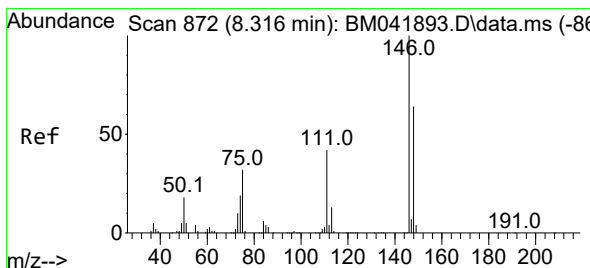
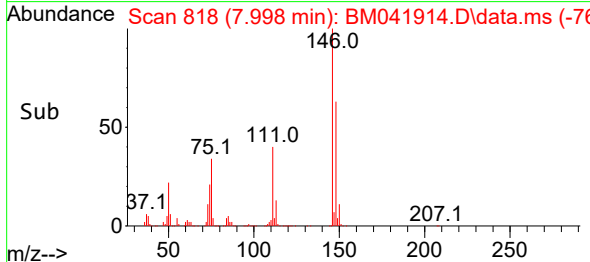
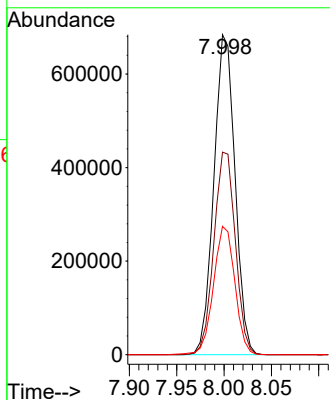
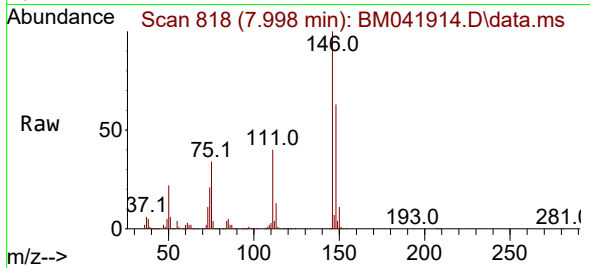




#13
1,4-Dichlorobenzene
Concen: 39.421 ng
RT: 7.998 min Scan# 819
Delta R.T. -0.006 min
Lab File: BM041914.D
Acq: 19 Sep 2023 22:02

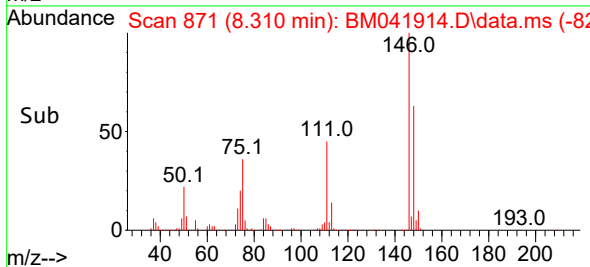
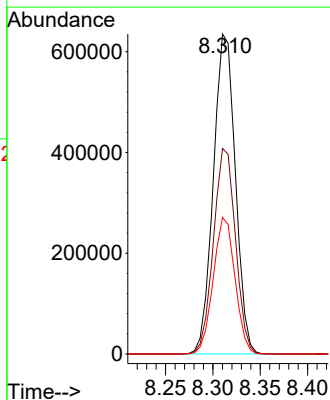
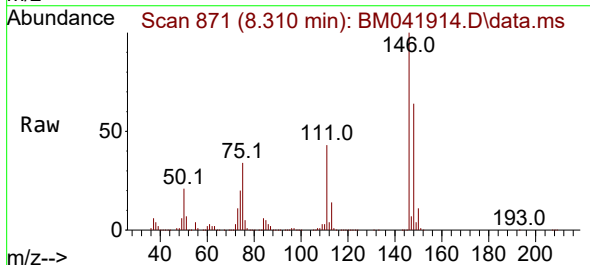
Instrument :
BNA_M
ClientSampleId :
PB155451BS

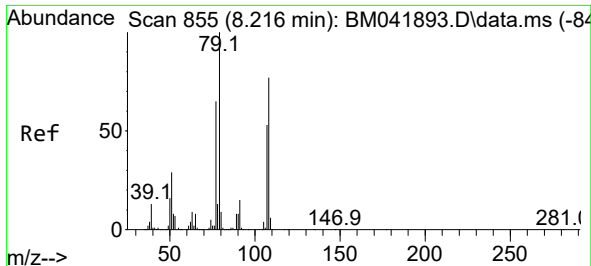
Tgt Ion:146 Resp: 1062887
Ion Ratio Lower Upper
146 100
148 63.3 51.9 77.9
111 40.1 32.1 48.1



#14
1,2-Dichlorobenzene
Concen: 39.701 ng
RT: 8.310 min Scan# 871
Delta R.T. -0.006 min
Lab File: BM041914.D
Acq: 19 Sep 2023 22:02

Tgt Ion:146 Resp: 1028948
Ion Ratio Lower Upper
146 100
148 64.3 51.5 77.3
111 42.7 34.0 51.0

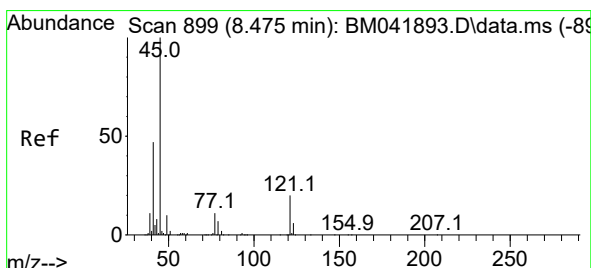
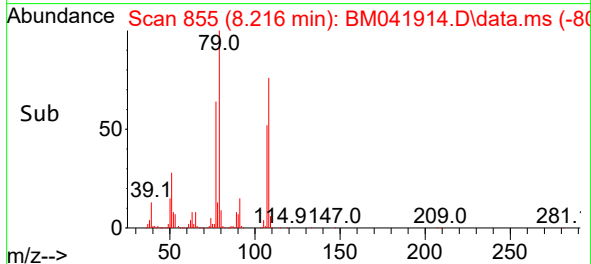
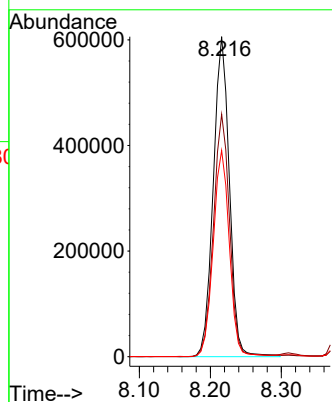
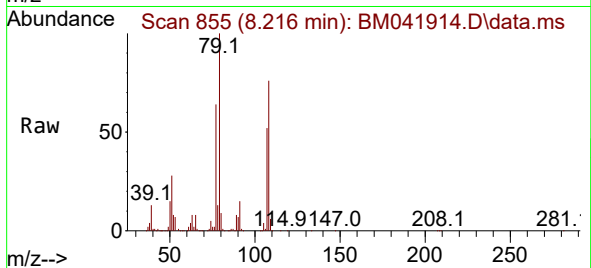




#15
Benzyl Alcohol
Concen: 38.885 ng
RT: 8.216 min Scan# 81
Delta R.T. -0.000 min
Lab File: BM041914.D
Acq: 19 Sep 2023 22:02

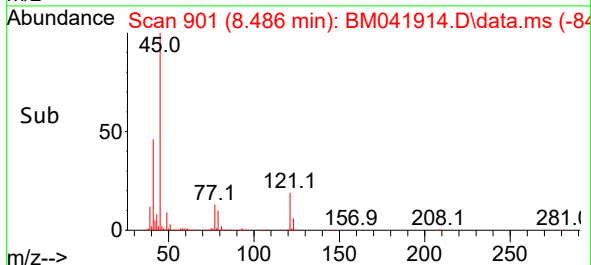
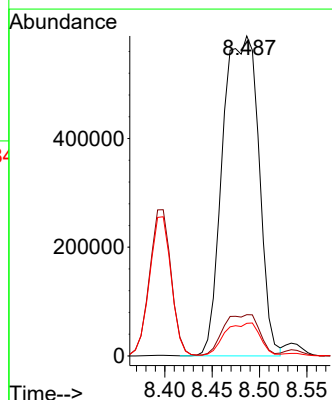
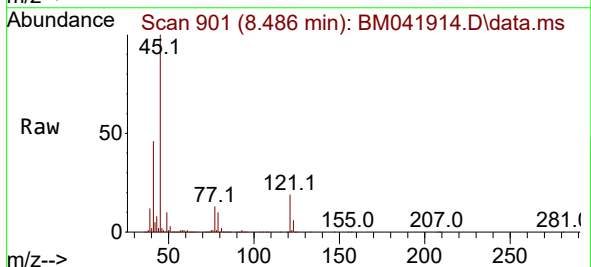
Instrument :
BNA_M
ClientSampleId :
PB155451BS

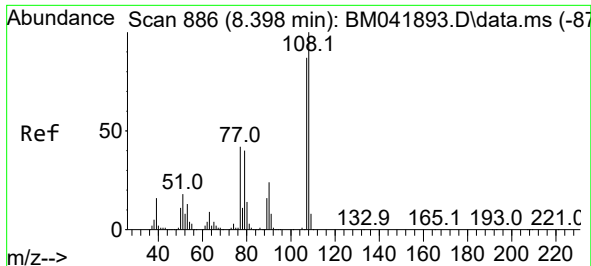
Tgt Ion: 79 Resp: 951458
Ion Ratio Lower Upper
79 100
108 75.8 61.4 92.0
77 64.4 52.0 78.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.341 ng
RT: 8.486 min Scan# 901
Delta R.T. 0.012 min
Lab File: BM041914.D
Acq: 19 Sep 2023 22:02

Tgt Ion: 45 Resp: 1556058
Ion Ratio Lower Upper
45 100
77 12.9 0.0 33.4
79 10.2 0.0 29.6



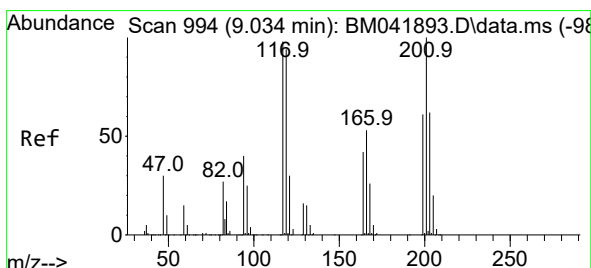
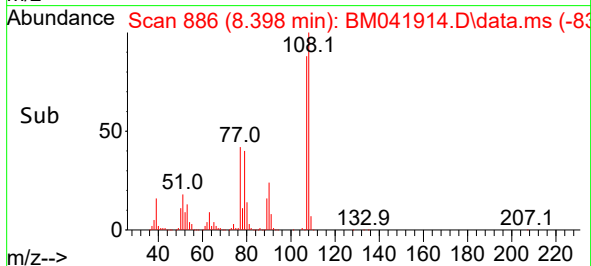
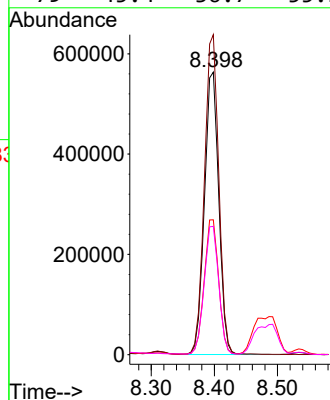
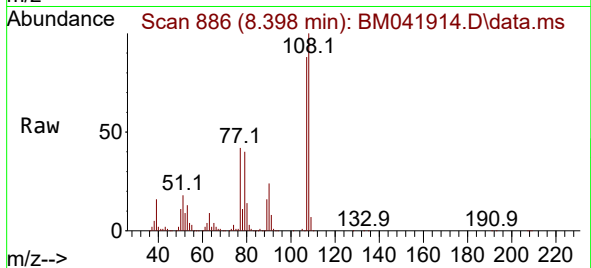


#17
2-Methylphenol
Concen: 38.279 ng
RT: 8.398 min Scan# 886
Delta R.T. -0.000 min
Lab File: BM041914.D
Acq: 19 Sep 2023 22:02

Instrument :
BNA_M
ClientSampleId :
PB155451BS

Tgt Ion:107 Resp: 885511

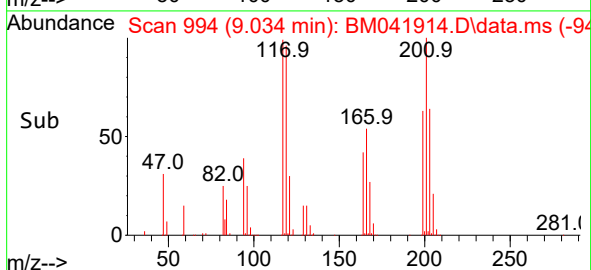
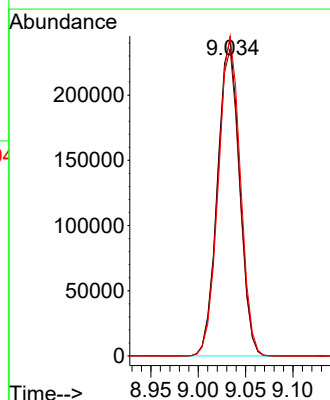
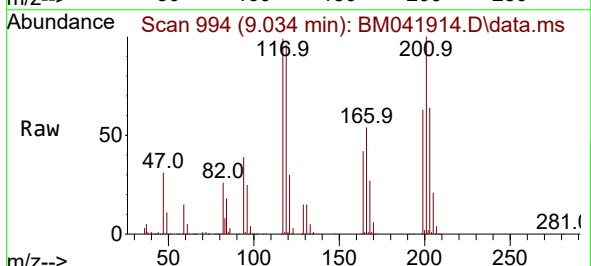
Ion	Ratio	Lower	Upper
107	100		
108	113.3	91.9	137.9
77	47.7	39.0	58.6
79	45.4	36.7	55.1

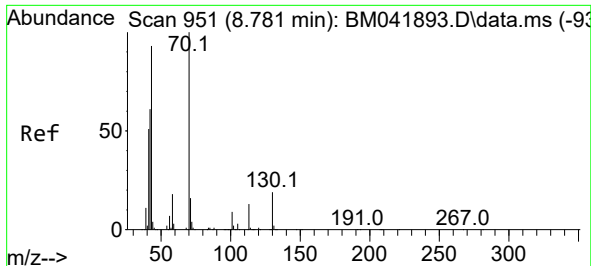


#18
Hexachloroethane
Concen: 38.830 ng
RT: 9.034 min Scan# 994
Delta R.T. -0.000 min
Lab File: BM041914.D
Acq: 19 Sep 2023 22:02

Tgt Ion:117 Resp: 393532

Ion	Ratio	Lower	Upper
117	100		
119	97.1	77.2	115.8
201	101.2	81.9	122.9

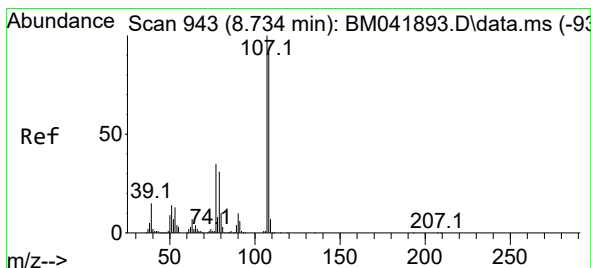
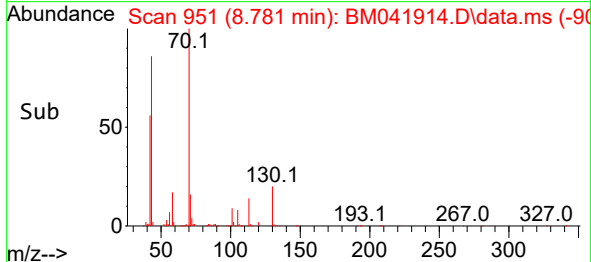
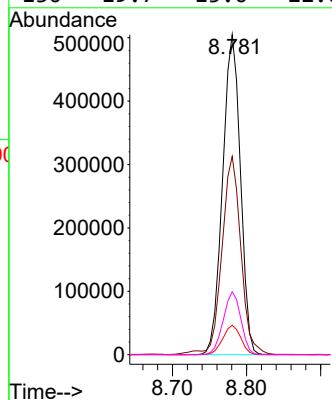
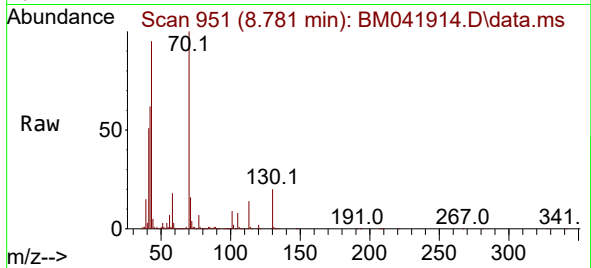




#19
n-Nitroso-di-n-propylamine
Concen: 36.588 ng
RT: 8.781 min Scan# 91
Delta R.T. -0.000 min
Lab File: BM041914.D
Acq: 19 Sep 2023 22:02

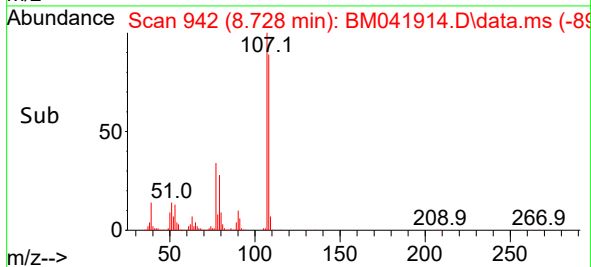
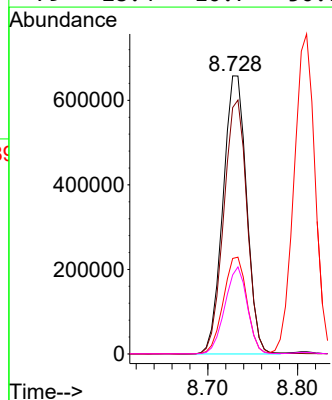
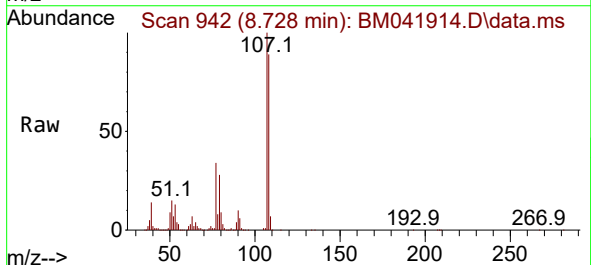
Instrument :
BNA_M
ClientSampleId :
PB155451BS

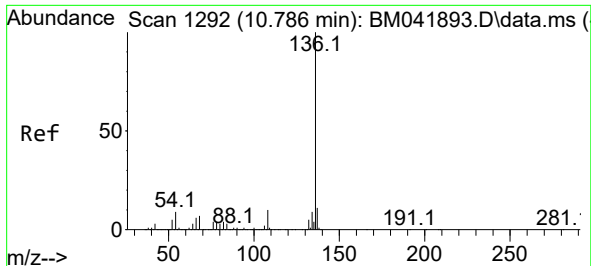
Tgt Ion: 70 Resp: 842949
Ion Ratio Lower Upper
70 100
42 61.9 49.2 73.8
101 9.2 7.0 10.6
130 19.7 15.0 22.6



#20
3+4-Methylphenols
Concen: 37.783 ng
RT: 8.728 min Scan# 942
Delta R.T. -0.006 min
Lab File: BM041914.D
Acq: 19 Sep 2023 22:02

Tgt Ion: 107 Resp: 1199690
Ion Ratio Lower Upper
107 100
108 88.6 71.5 111.5
77 34.3 14.9 54.9
79 28.4 10.7 50.7

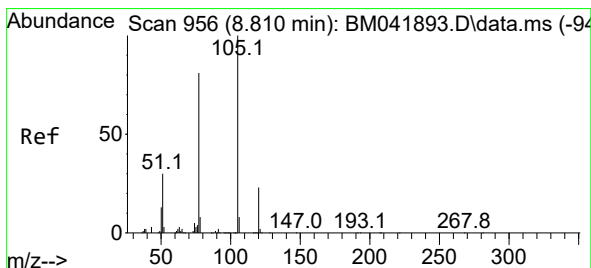
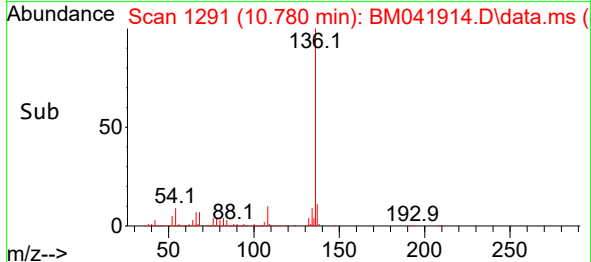
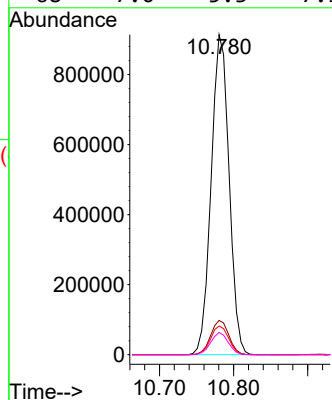
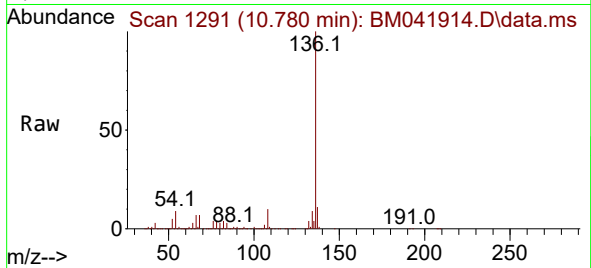




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.780 min Scan# 1292
Delta R.T. -0.006 min
Lab File: BM041914.D
Acq: 19 Sep 2023 22:02

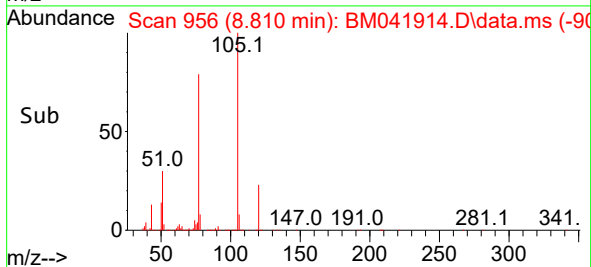
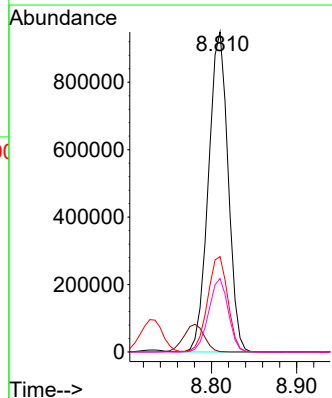
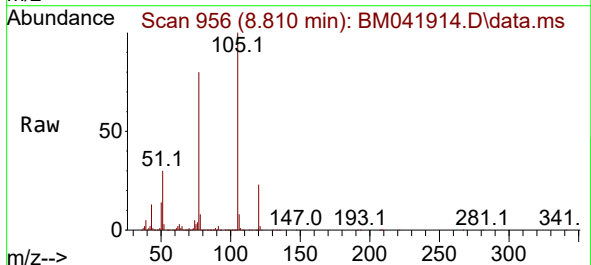
Instrument :
BNA_M
ClientSampleId :
PB155451BS

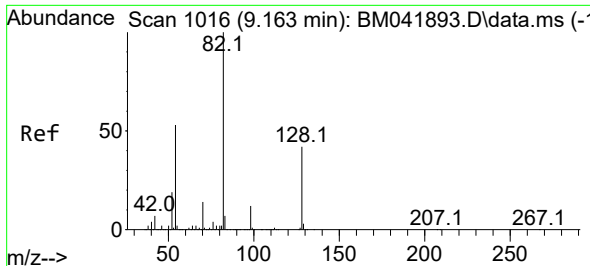
Tgt Ion:136 Resp: 1531434
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 9.0 7.0 10.4
68 7.0 5.3 7.9



#22
Acetophenone
Concen: 39.536 ng
RT: 8.810 min Scan# 956
Delta R.T. -0.000 min
Lab File: BM041914.D
Acq: 19 Sep 2023 22:02

Tgt Ion:105 Resp: 1513584
Ion Ratio Lower Upper
105 100
71 0.1 0.2 0.2#
51 29.8 24.3 36.5
120 22.9 18.2 27.4





#23

Nitrobenzene-d5

Concen: 78.808 ng

RT: 9.157 min Scan# 1015

Delta R.T. -0.006 min

Lab File: BM041914.D

Acq: 19 Sep 2023 22:02

Instrument :

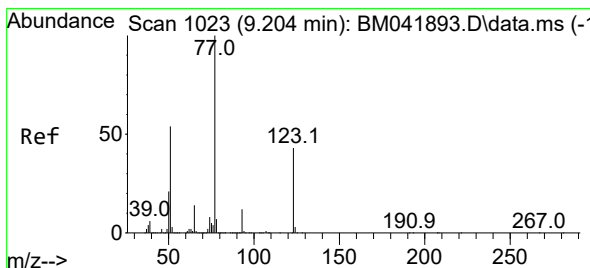
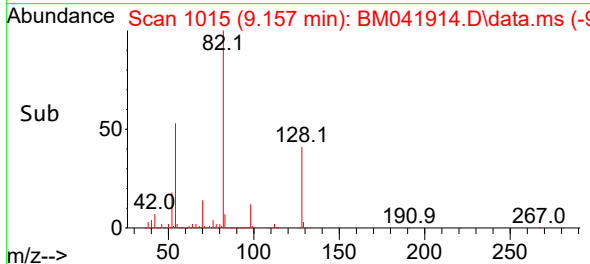
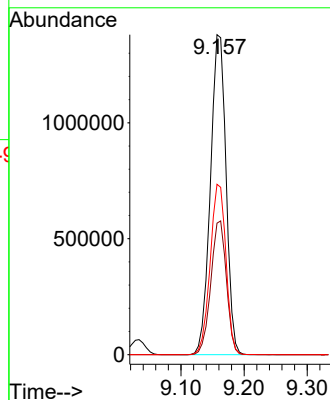
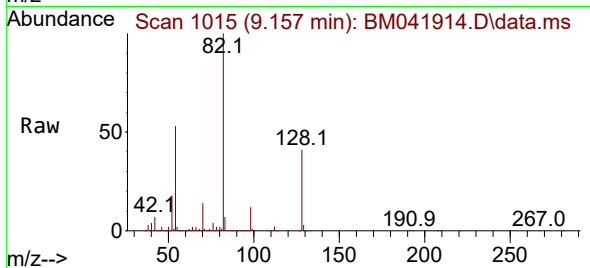
BNA_M

ClientSampleId :

PB155451BS

Tgt Ion: 82 Resp: 2370404

Ion	Ratio	Lower	Upper
82	100		
128	41.1	33.8	50.6
54	53.3	42.8	64.2



#24

Nitrobenzene

Concen: 39.469 ng

RT: 9.204 min Scan# 1023

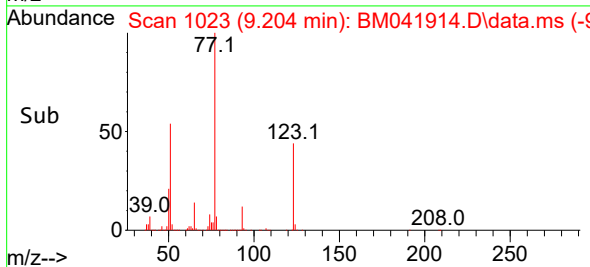
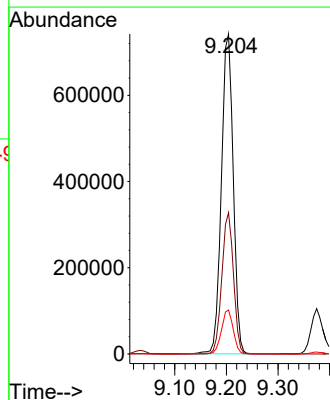
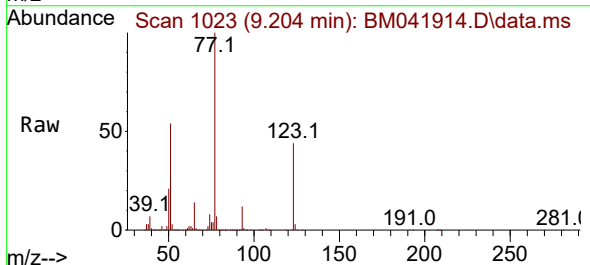
Delta R.T. -0.000 min

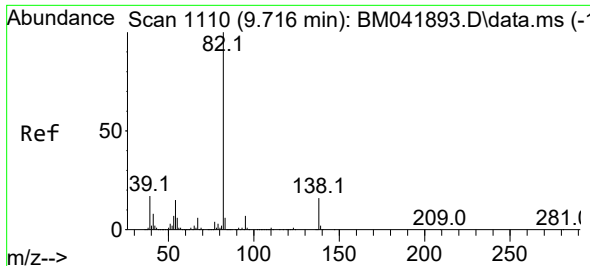
Lab File: BM041914.D

Acq: 19 Sep 2023 22:02

Tgt Ion: 77 Resp: 1178341

Ion	Ratio	Lower	Upper
77	100		
123	44.2	34.6	52.0
65	13.8	11.1	16.7

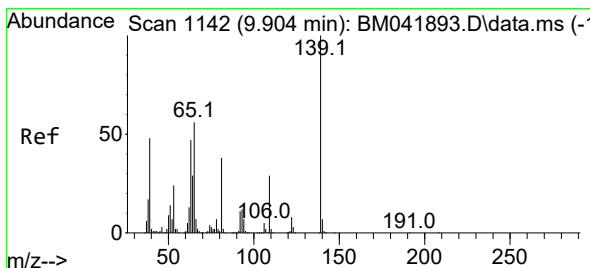
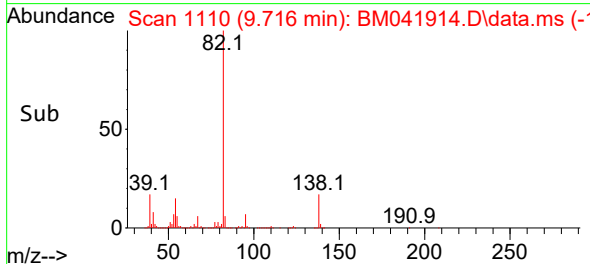
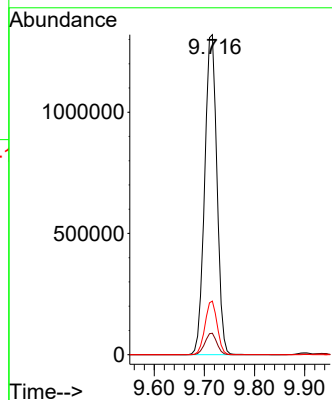
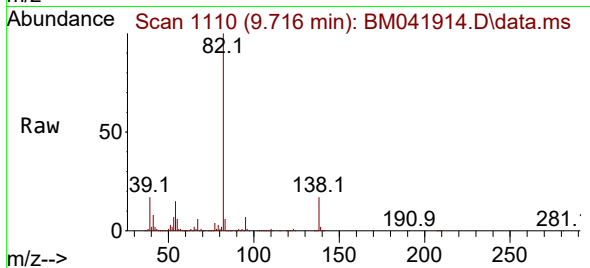




#25
Isophorone
Concen: 37.804 ng
RT: 9.716 min Scan# 1110
Delta R.T. -0.000 min
Lab File: BM041914.D
Acq: 19 Sep 2023 22:02

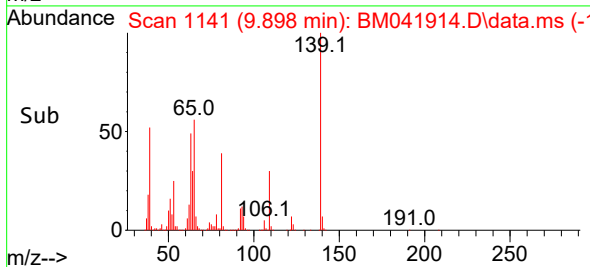
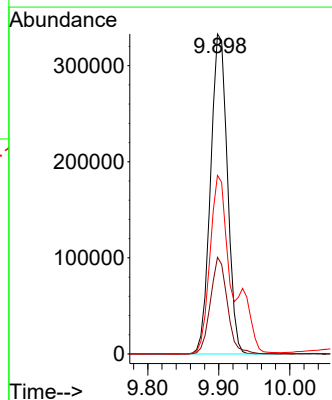
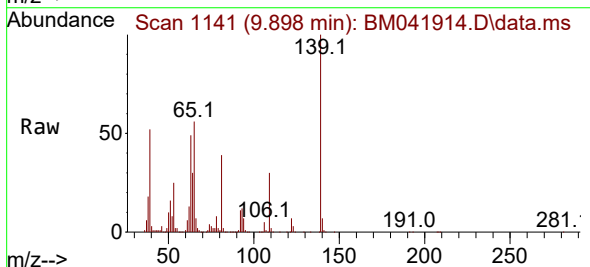
Instrument :
BNA_M
ClientSampleId :
PB155451BS

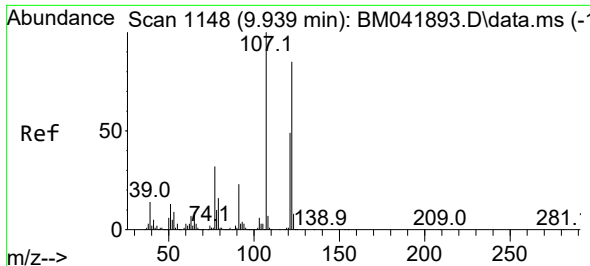
Tgt Ion: 82 Resp: 2244289
Ion Ratio Lower Upper
82 100
95 6.7 5.4 8.0
138 16.8 13.1 19.7



#26
2-Nitrophenol
Concen: 40.784 ng
RT: 9.898 min Scan# 1141
Delta R.T. -0.006 min
Lab File: BM041914.D
Acq: 19 Sep 2023 22:02

Tgt Ion: 139 Resp: 548410
Ion Ratio Lower Upper
139 100
109 30.2 23.0 34.4
65 55.8 44.5 66.7

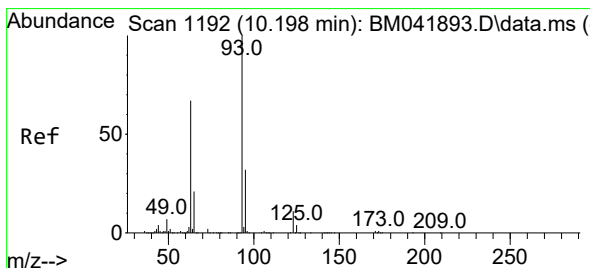
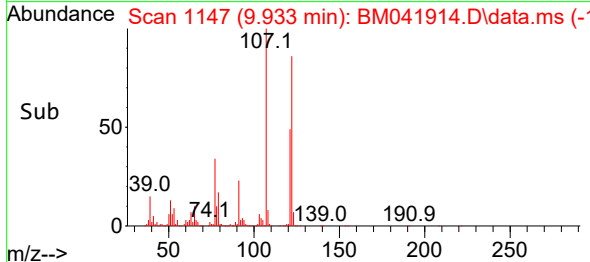
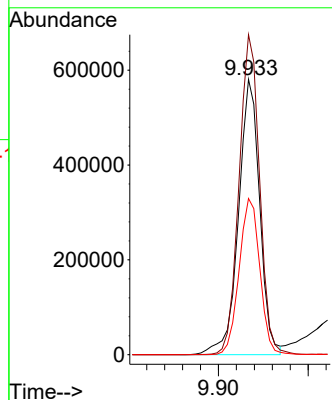
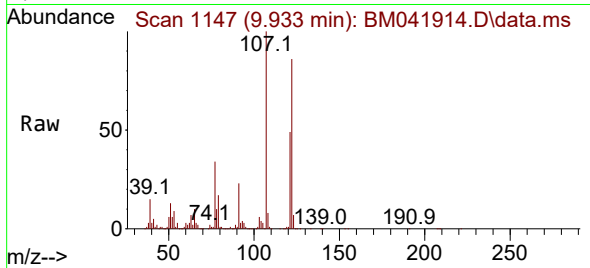




#27
2,4-Dimethylphenol
Concen: 39.365 ng
RT: 9.933 min Scan# 1147
Delta R.T. -0.006 min
Lab File: BM041914.D
Acq: 19 Sep 2023 22:02

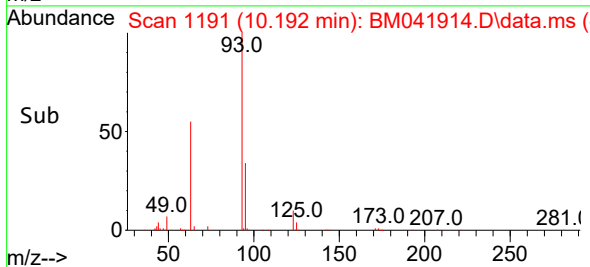
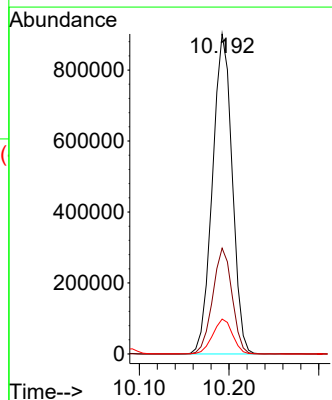
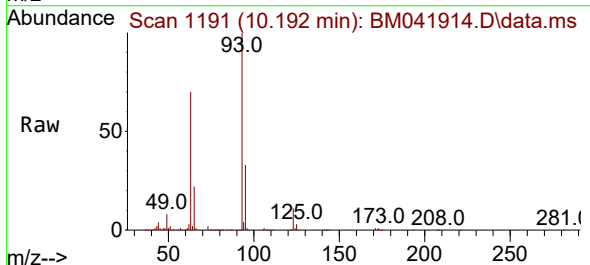
Instrument :
BNA_M
ClientSampleId :
PB155451BS

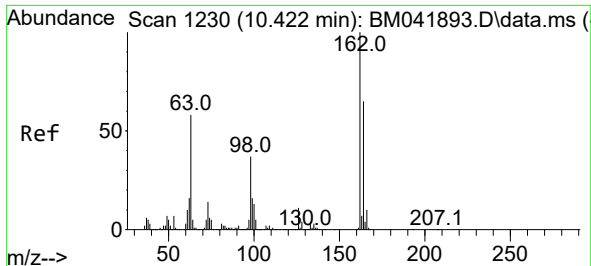
Tgt Ion:122 Resp: 951960
Ion Ratio Lower Upper
122 100
107 116.2 93.8 140.6
121 56.7 46.4 69.6



#28
bis(2-Chloroethoxy)methane
Concen: 39.641 ng
RT: 10.192 min Scan# 1191
Delta R.T. -0.006 min
Lab File: BM041914.D
Acq: 19 Sep 2023 22:02

Tgt Ion: 93 Resp: 1375404
Ion Ratio Lower Upper
93 100
95 33.0 25.9 38.9
123 10.9 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 42.588 ng

RT: 10.422 min Scan# 1230

Delta R.T. -0.000 min

Lab File: BM041914.D

Acq: 19 Sep 2023 22:02

Instrument :

BNA_M

ClientSampleId :

PB155451BS

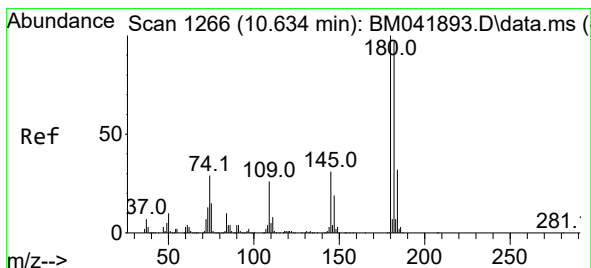
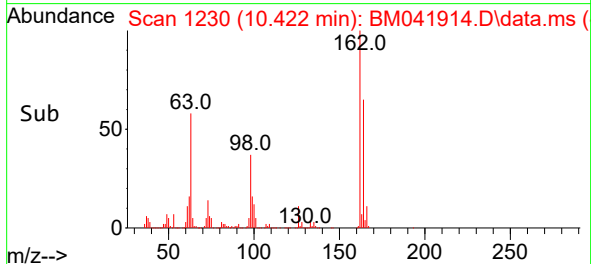
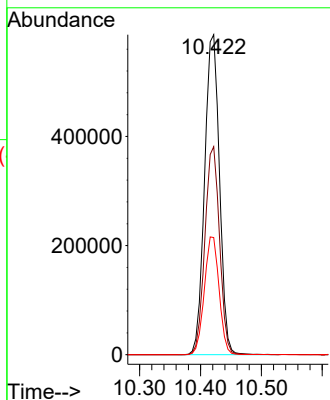
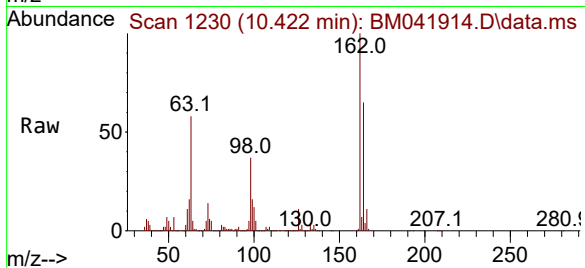
Tgt Ion:162 Resp: 996686

Ion Ratio Lower Upper

162 100

164 65.0 45.2 85.2

98 36.6 16.7 56.7



#30

1,2,4-Trichlorobenzene

Concen: 40.808 ng

RT: 10.633 min Scan# 1266

Delta R.T. -0.000 min

Lab File: BM041914.D

Acq: 19 Sep 2023 22:02

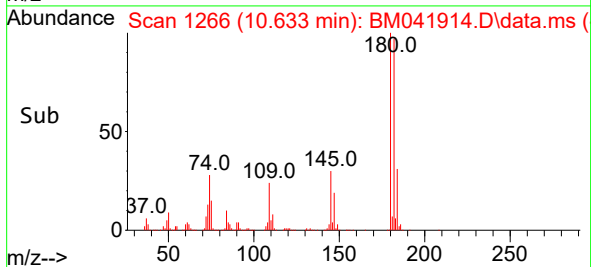
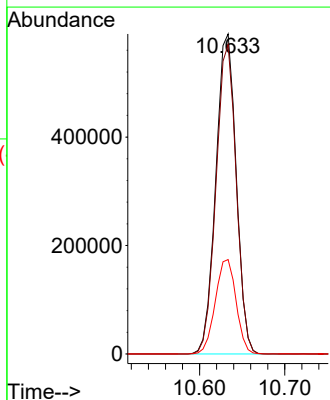
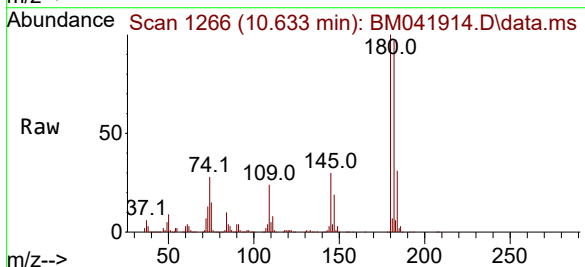
Tgt Ion:180 Resp: 980511

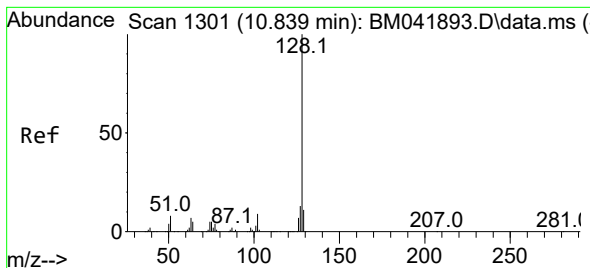
Ion Ratio Lower Upper

180 100

182 96.6 77.7 116.5

145 29.5 24.6 37.0

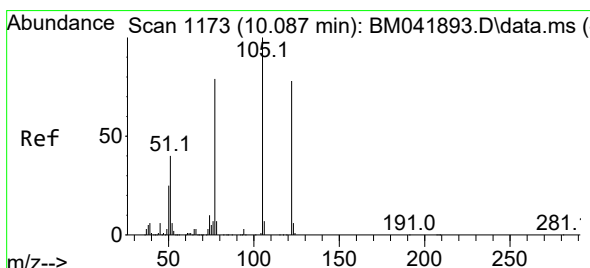
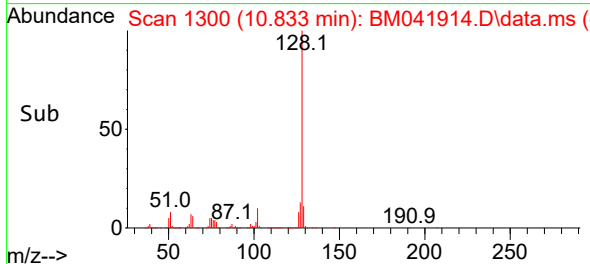
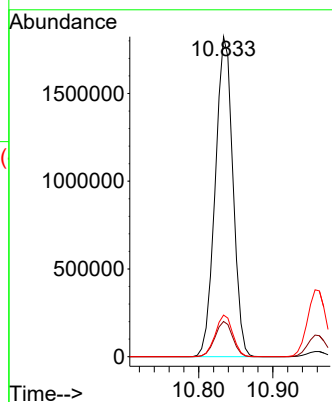
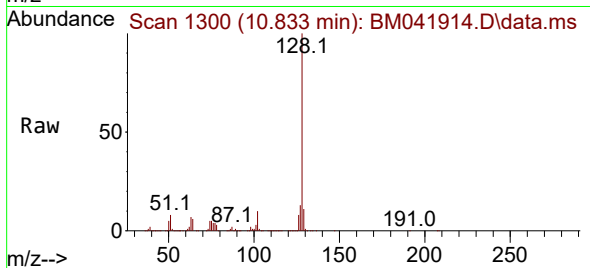




#31
Naphthalene
Concen: 39.087 ng
RT: 10.833 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM041914.D
Acq: 19 Sep 2023 22:02

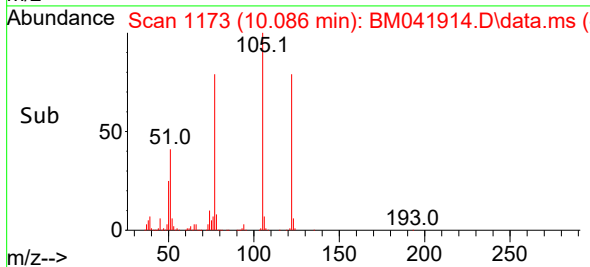
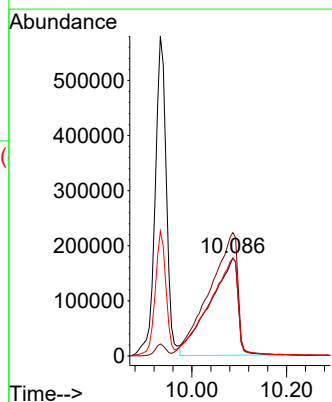
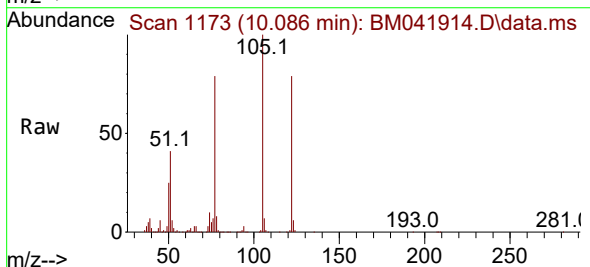
Instrument :
BNA_M
ClientSampleId :
PB155451BS

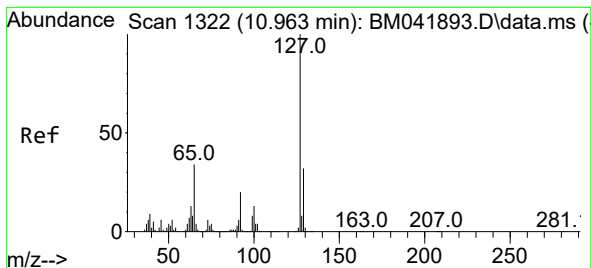
Tgt Ion:128 Resp: 3013513
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 13.0 10.4 15.6



#32
Benzoic acid
Concen: 38.170 ng
RT: 10.086 min Scan# 1173
Delta R.T. -0.000 min
Lab File: BM041914.D
Acq: 19 Sep 2023 22:02

Tgt Ion:122 Resp: 727284
Ion Ratio Lower Upper
122 100
105 126.1 103.7 143.7
77 99.8 79.3 119.3





#33

4-Chloroaniline

Concen: 19.689 ng

RT: 10.957 min Scan# 11

Delta R.T. -0.006 min

Lab File: BM041914.D

Acq: 19 Sep 2023 22:02

Instrument :

BNA_M

ClientSampleId :

PB155451BS

Tgt Ion:127 Resp: 679426

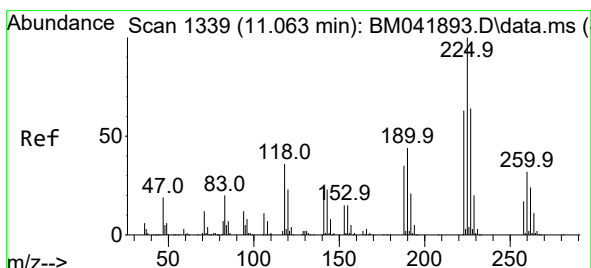
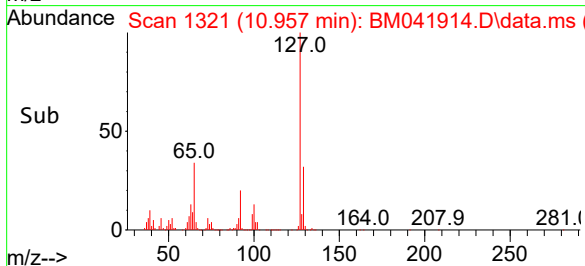
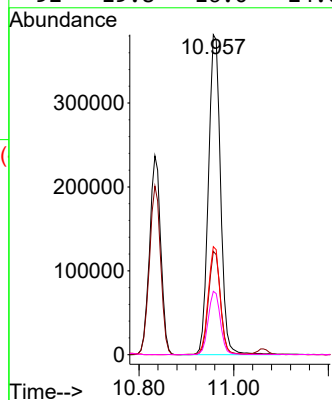
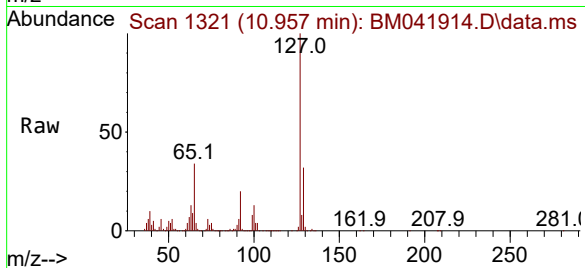
Ion Ratio Lower Upper

127 100

129 32.3 25.7 38.5

65 33.7 27.3 40.9

92 19.8 16.0 24.0



#34

Hexachlorobutadiene

Concen: 39.433 ng

RT: 11.063 min Scan# 1339

Delta R.T. -0.000 min

Lab File: BM041914.D

Acq: 19 Sep 2023 22:02

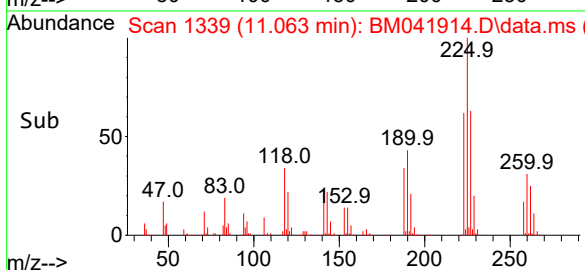
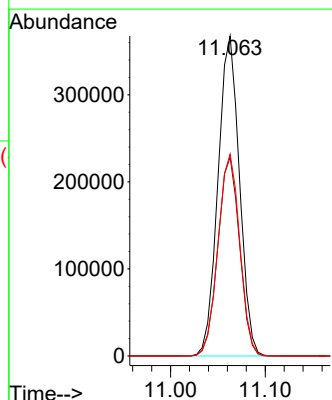
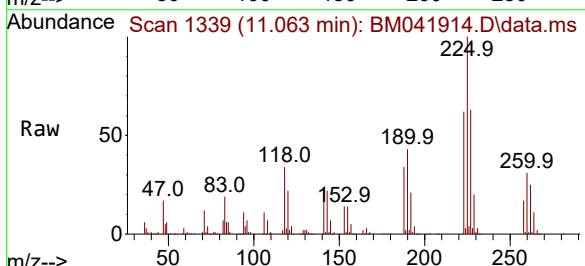
Tgt Ion:225 Resp: 578726

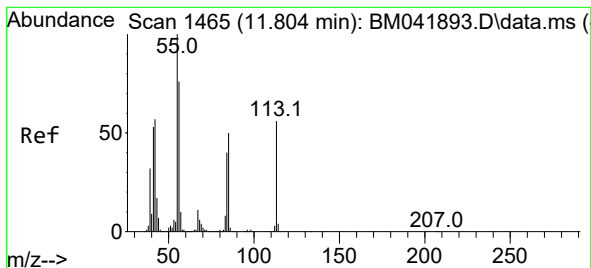
Ion Ratio Lower Upper

225 100

223 62.1 50.7 76.1

227 63.1 51.4 77.0

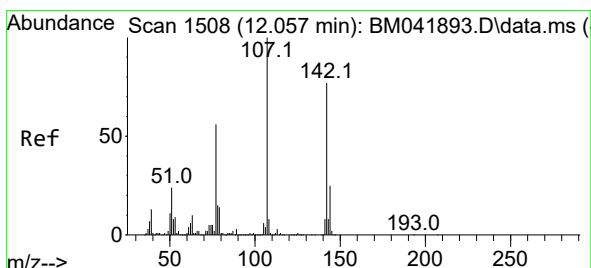
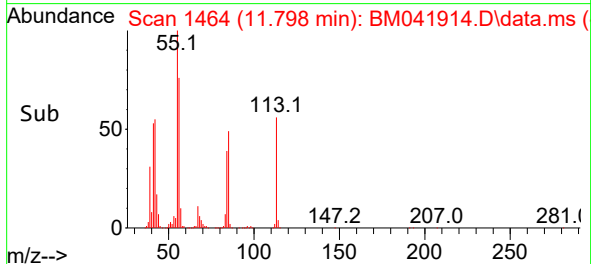
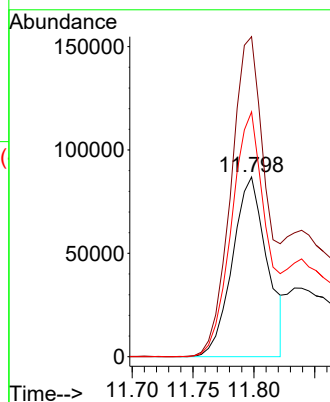
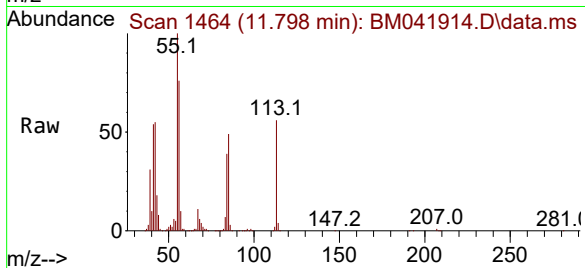




#35
 Caprolactam
 Concen: 20.596 ng
 RT: 11.798 min Scan# 1465
 Delta R.T. -0.006 min
 Lab File: BM041914.D
 Acq: 19 Sep 2023 22:02

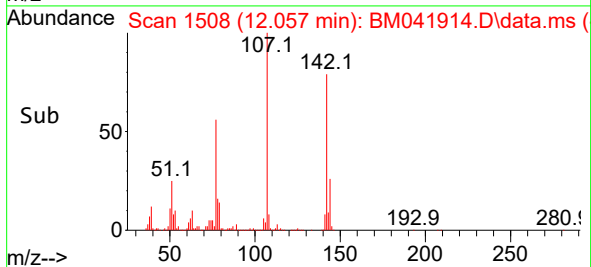
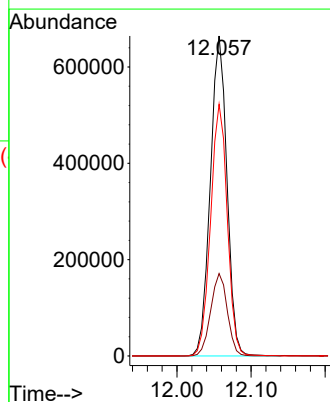
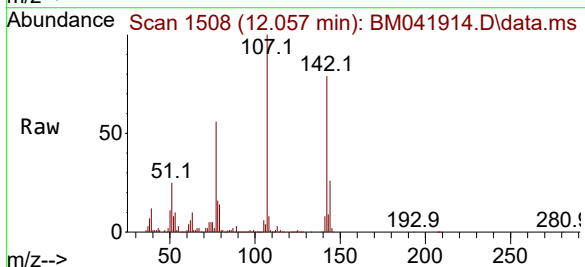
Instrument :
 BNA_M
 ClientSampleId :
 PB155451BS

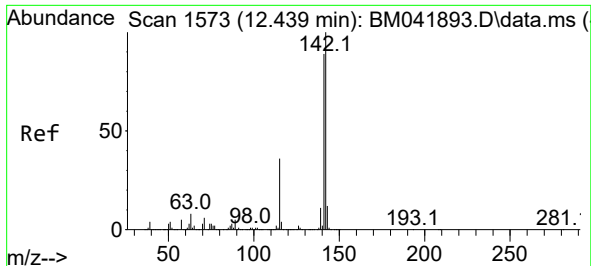
Tgt Ion:113 Resp: 172269
 Ion Ratio Lower Upper
 113 100
 55 178.1 158.5 198.5
 56 136.2 115.8 155.8



#36
 4-Chloro-3-methylphenol
 Concen: 39.697 ng
 RT: 12.057 min Scan# 1508
 Delta R.T. -0.000 min
 Lab File: BM041914.D
 Acq: 19 Sep 2023 22:02

Tgt Ion:107 Resp: 1035345
 Ion Ratio Lower Upper
 107 100
 144 25.7 20.2 30.2
 142 78.7 61.7 92.5





#37

2-Methylnaphthalene

Concen: 36.968 ng

RT: 12.439 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM041914.D

Acq: 19 Sep 2023 22:02

Instrument :

BNA_M

ClientSampleId :

PB155451BS

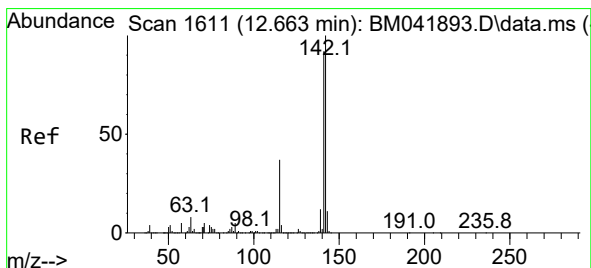
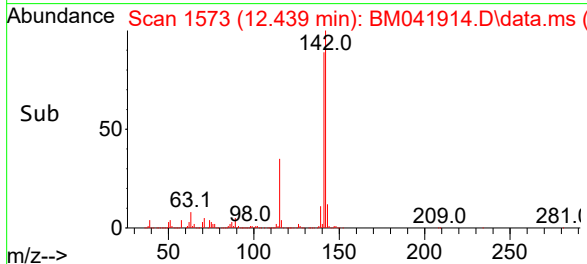
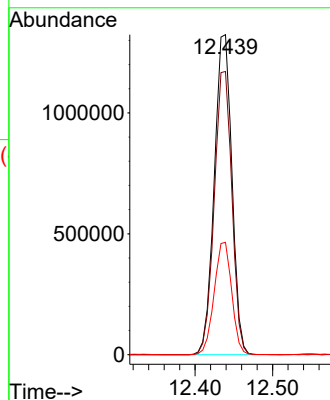
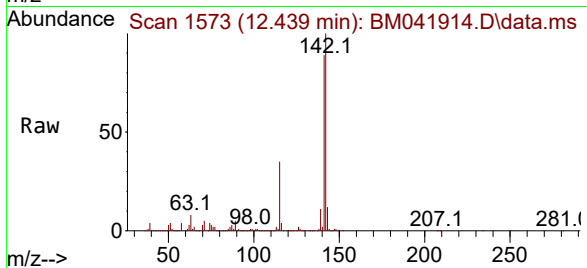
Tgt Ion:142 Resp: 2095578

Ion Ratio Lower Upper

142 100

141 88.5 70.9 106.3

115 35.1 28.5 42.7



#38

1-Methylnaphthalene

Concen: 37.661 ng

RT: 12.657 min Scan# 1610

Delta R.T. -0.006 min

Lab File: BM041914.D

Acq: 19 Sep 2023 22:02

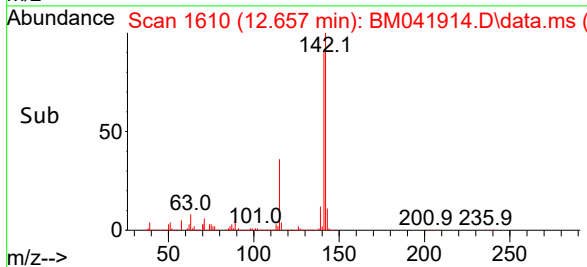
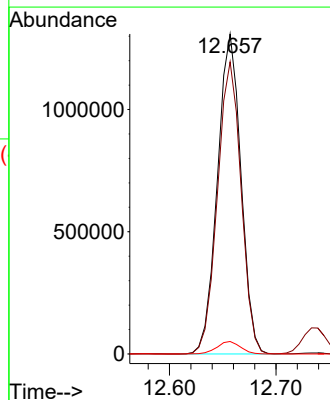
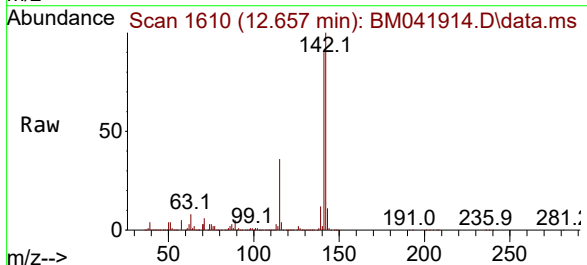
Tgt Ion:142 Resp: 2005028

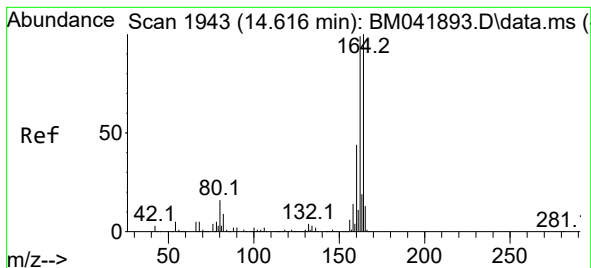
Ion Ratio Lower Upper

142 100

141 91.3 73.8 110.6

116 3.9 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: BM041914.D

Acq: 19 Sep 2023 22:02

Instrument :

BNA_M

ClientSampleId :

PB155451BS

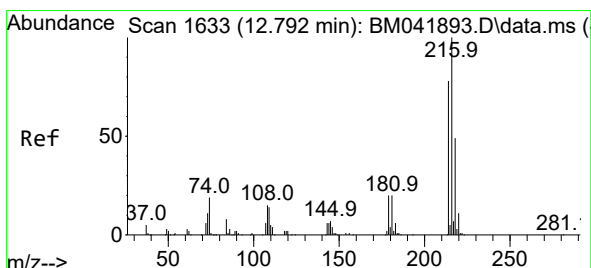
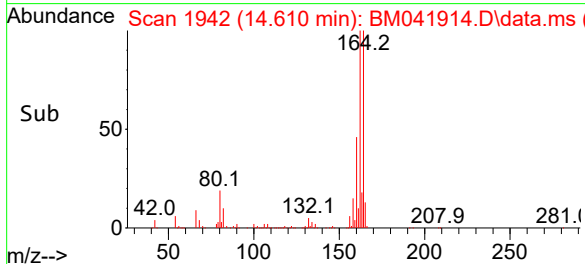
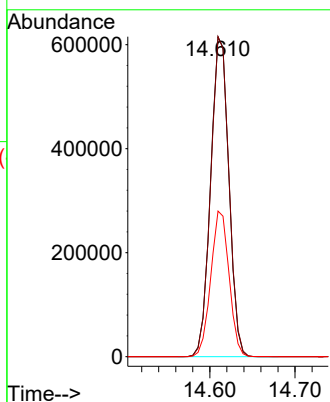
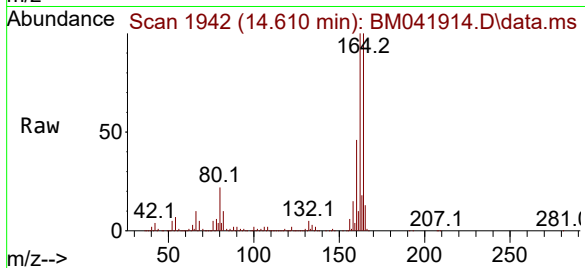
Tgt Ion:164 Resp: 914491

Ion Ratio Lower Upper

164 100

162 100.1 79.3 118.9

160 45.5 35.6 53.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.771 ng

RT: 12.786 min Scan# 1632

Delta R.T. -0.006 min

Lab File: BM041914.D

Acq: 19 Sep 2023 22:02

Tgt Ion:216 Resp: 1081289

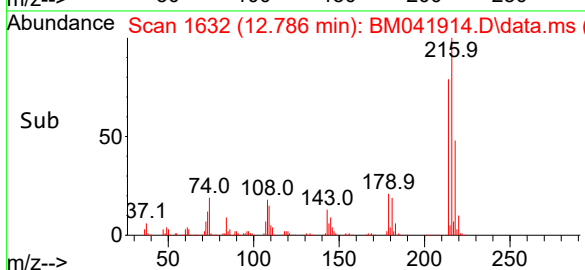
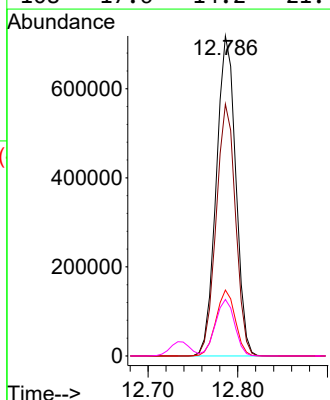
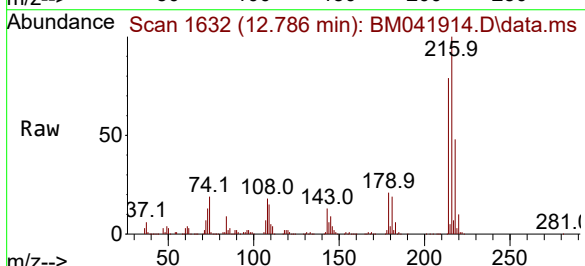
Ion Ratio Lower Upper

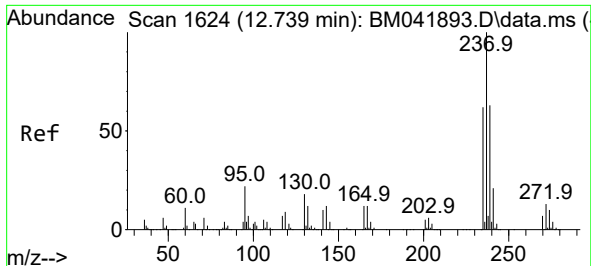
216 100

214 78.3 62.6 93.8

179 20.3 16.3 24.5

108 17.6 14.2 21.4

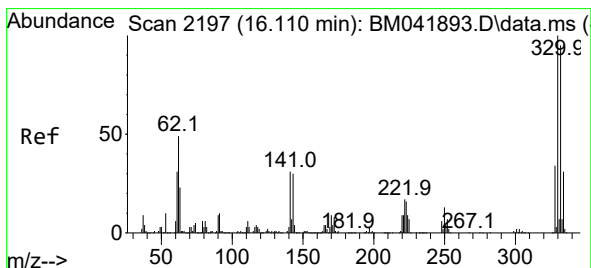
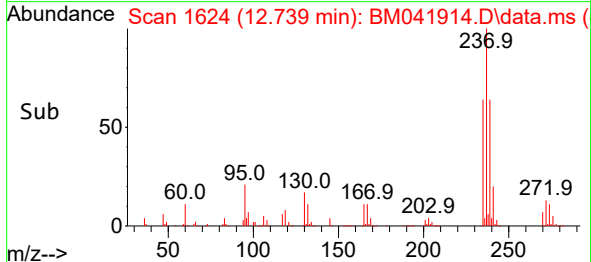
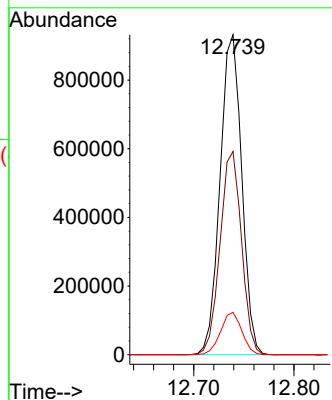
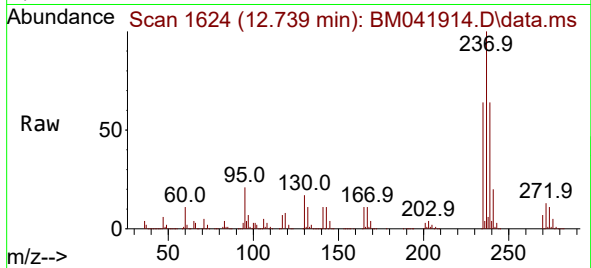




#41
Hexachlorocyclopentadiene
Concen: 93.715 ng
RT: 12.739 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM041914.D
Acq: 19 Sep 2023 22:02

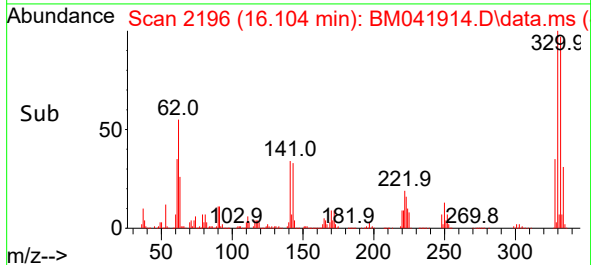
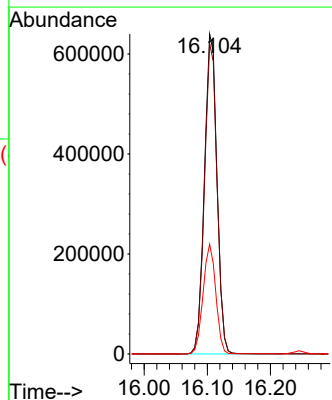
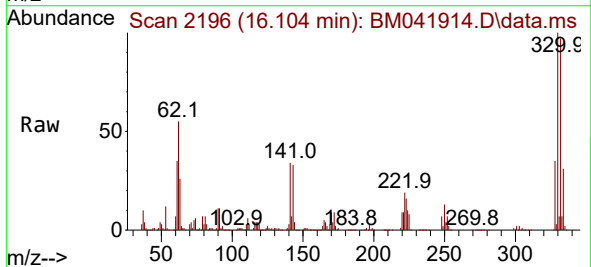
Instrument :
BNA_M
ClientSampleId :
PB155451BS

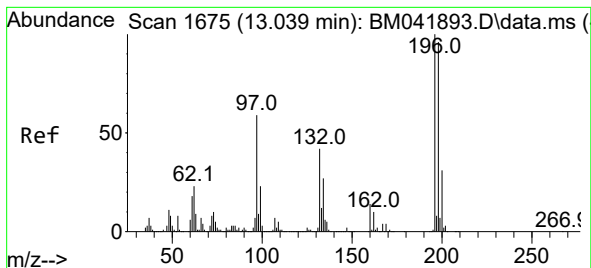
Tgt Ion:237 Resp: 1397515
Ion Ratio Lower Upper
237 100
235 63.5 42.0 82.0
272 13.3 0.0 32.9



#42
2,4,6-Tribromophenol
Concen: 77.773 ng
RT: 16.104 min Scan# 2196
Delta R.T. -0.006 min
Lab File: BM041914.D
Acq: 19 Sep 2023 22:02

Tgt Ion:330 Resp: 887394
Ion Ratio Lower Upper
330 100
332 97.0 77.8 116.6
141 34.6 27.0 40.4





#43

2,4,6-Trichlorophenol

Concen: 42.316 ng

RT: 13.039 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM041914.D

Acq: 19 Sep 2023 22:02

Instrument :

BNA_M

ClientSampleId :

PB155451BS

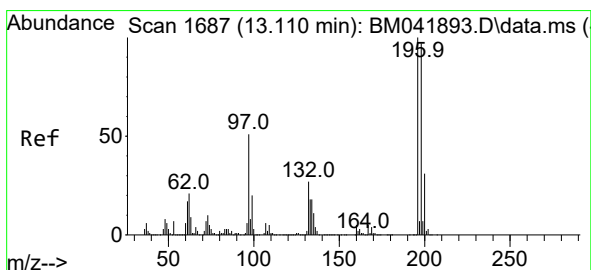
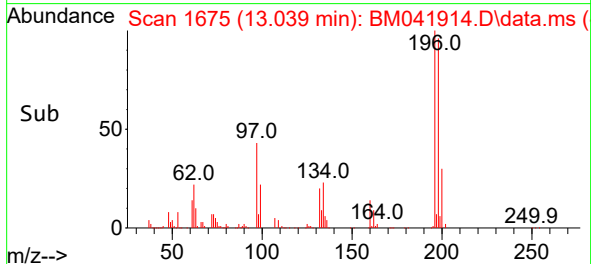
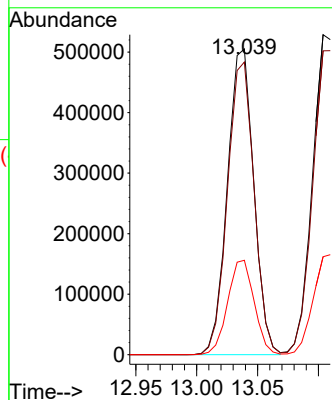
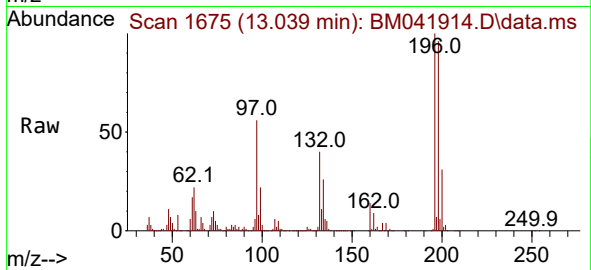
Tgt Ion:196 Resp: 763753

Ion Ratio Lower Upper

196 100

198 95.7 76.9 115.3

200 30.9 24.7 37.1



#44

2,4,5-Trichlorophenol

Concen: 39.281 ng

RT: 13.104 min Scan# 1686

Delta R.T. -0.006 min

Lab File: BM041914.D

Acq: 19 Sep 2023 22:02

Tgt Ion:196 Resp: 829745

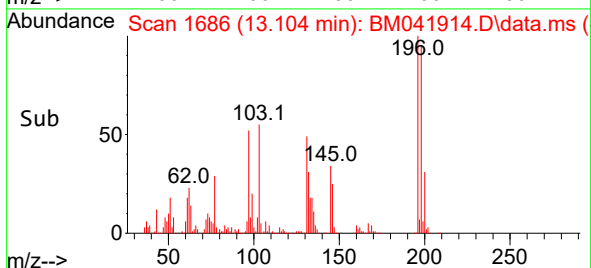
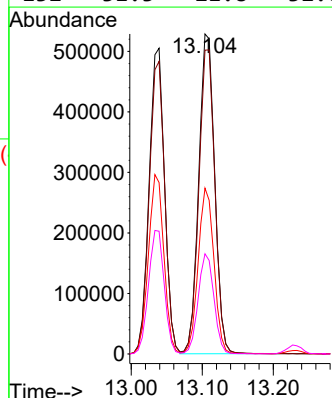
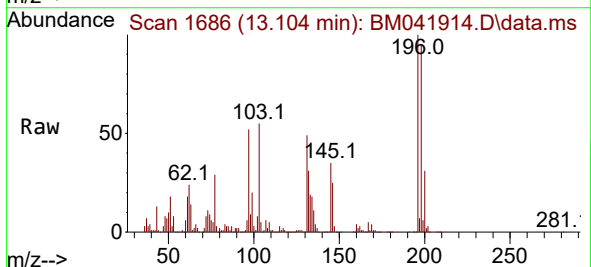
Ion Ratio Lower Upper

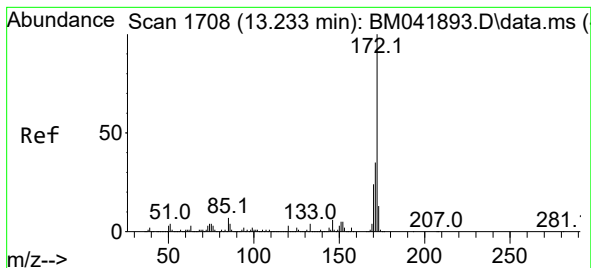
196 100

198 95.0 77.2 115.8

97 51.8 41.1 61.7

132 31.3 21.8 32.6





#45

2-Fluorobiphenyl

Concen: 79.888 ng

RT: 13.233 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM041914.D

Acq: 19 Sep 2023 22:02

Instrument :

BNA_M

ClientSampleId :

PB155451BS

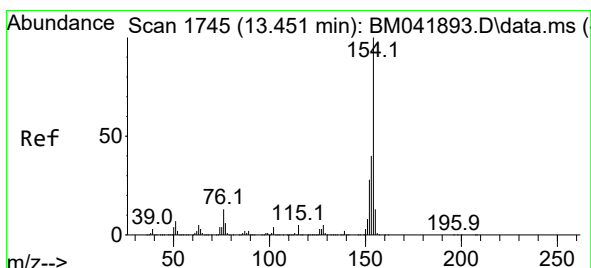
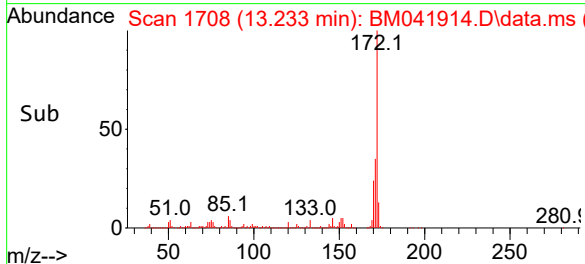
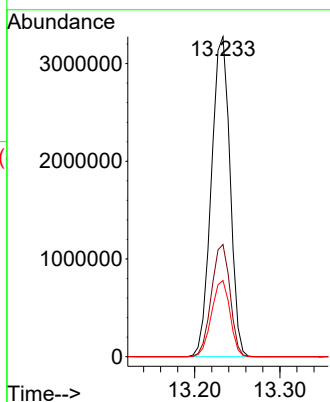
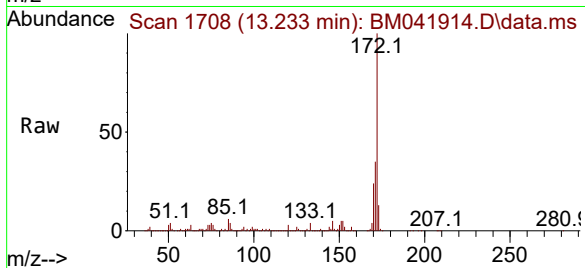
Tgt Ion:172 Resp: 4977440

Ion Ratio Lower Upper

172 100

171 35.0 28.2 42.4

170 23.8 19.1 28.7



#46

1,1'-Biphenyl

Concen: 40.472 ng

RT: 13.445 min Scan# 1744

Delta R.T. -0.006 min

Lab File: BM041914.D

Acq: 19 Sep 2023 22:02

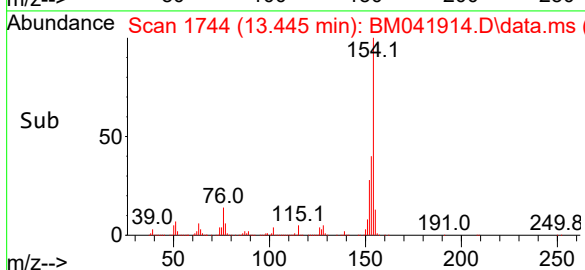
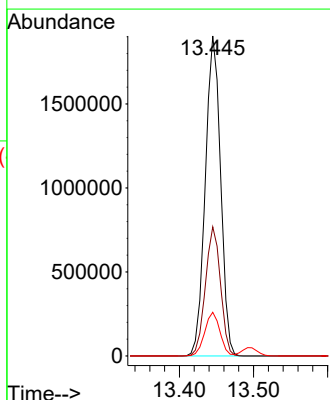
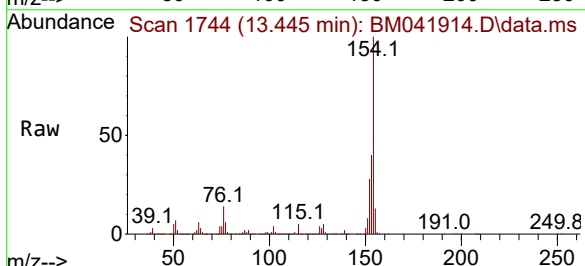
Tgt Ion:154 Resp: 2730724

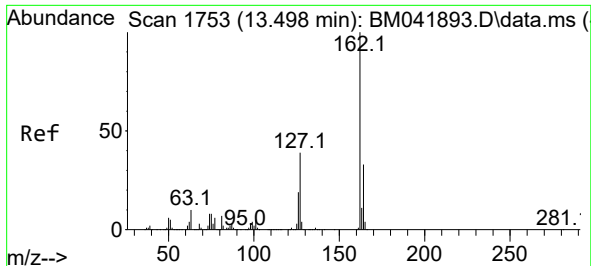
Ion Ratio Lower Upper

154 100

153 40.3 19.9 59.9

76 13.7 0.0 33.1

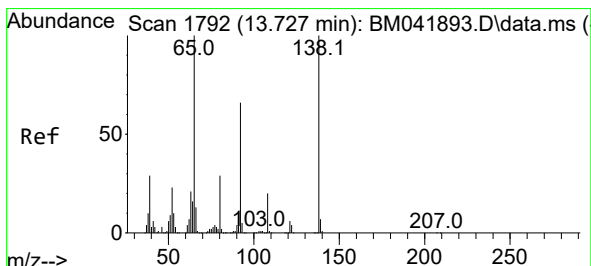
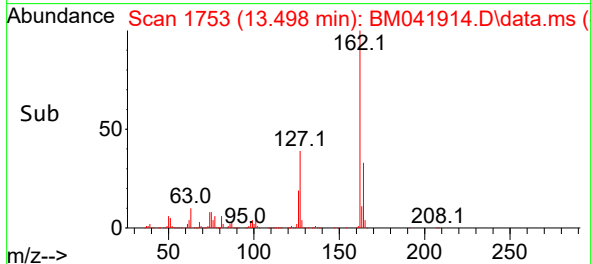
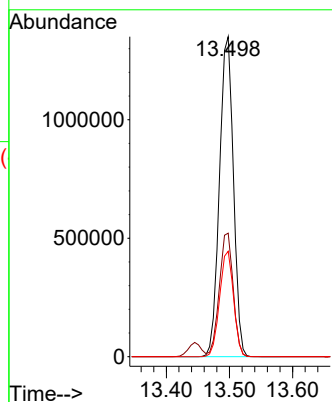
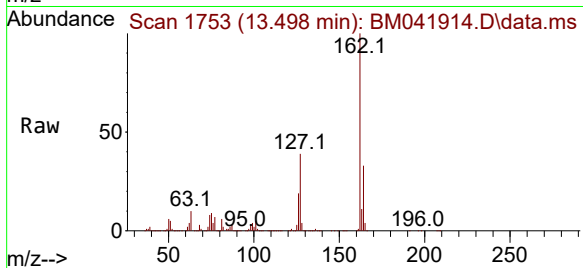




#47
2-Chloronaphthalene
Concen: 42.118 ng
RT: 13.498 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM041914.D
Acq: 19 Sep 2023 22:02

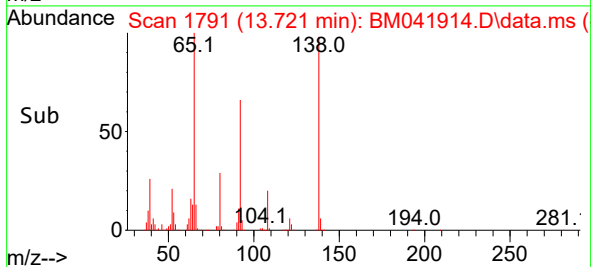
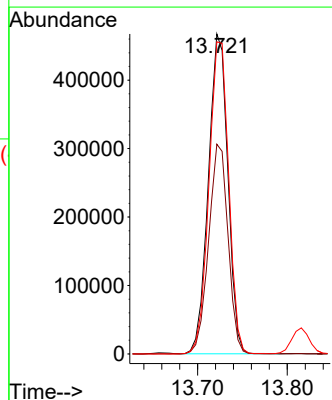
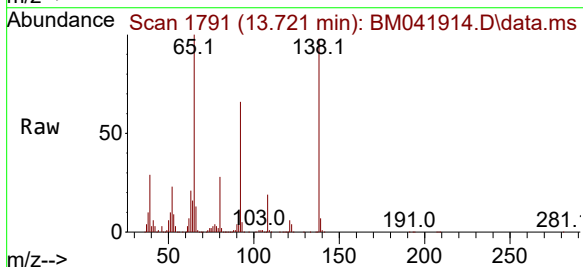
Instrument :
BNA_M
ClientSampleId :
PB155451BS

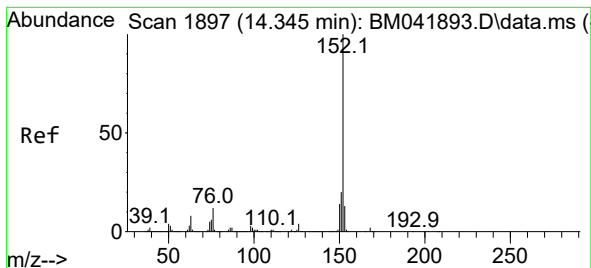
Tgt Ion:162 Resp: 2069588
Ion Ratio Lower Upper
162 100
127 38.6 31.0 46.4
164 32.9 26.1 39.1



#48
2-Nitroaniline
Concen: 39.998 ng
RT: 13.721 min Scan# 1791
Delta R.T. -0.006 min
Lab File: BM041914.D
Acq: 19 Sep 2023 22:02

Tgt Ion: 65 Resp: 702278
Ion Ratio Lower Upper
65 100
92 65.5 52.8 79.2
138 97.5 80.3 120.5





#49

Acenaphthylene

Concen: 41.343 ng

RT: 14.345 min Scan# 1897

Delta R.T. -0.000 min

Lab File: BM041914.D

Acq: 19 Sep 2023 22:02

Instrument :

BNA_M

ClientSampleId :

PB155451BS

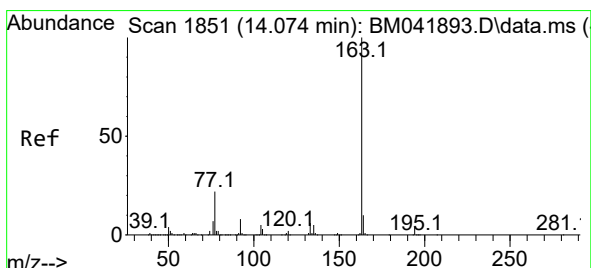
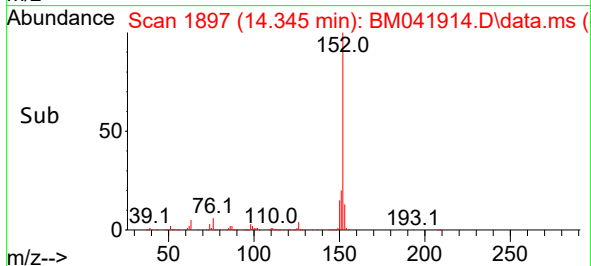
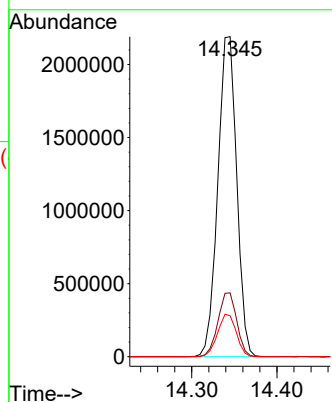
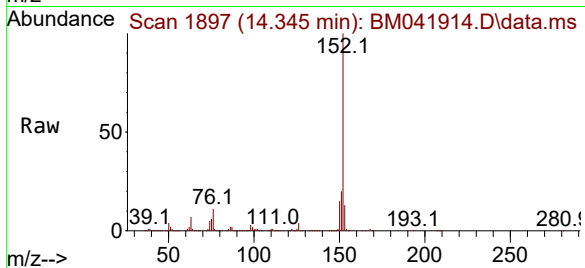
Tgt Ion:152 Resp: 3371348

Ion Ratio Lower Upper

152 100

151 20.0 15.8 23.8

153 12.8 10.5 15.7



#50

Dimethylphthalate

Concen: 38.907 ng

RT: 14.074 min Scan# 1851

Delta R.T. -0.000 min

Lab File: BM041914.D

Acq: 19 Sep 2023 22:02

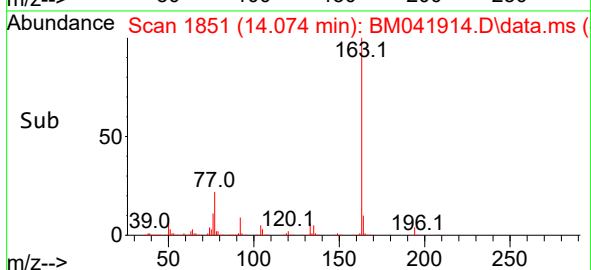
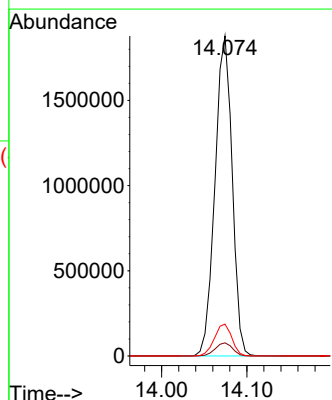
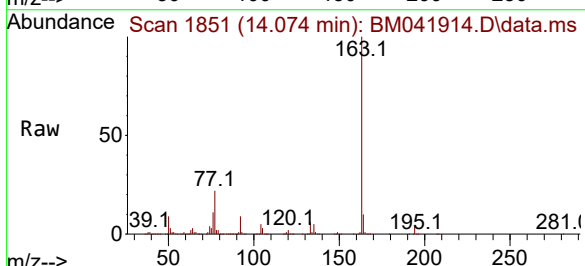
Tgt Ion:163 Resp: 2630383

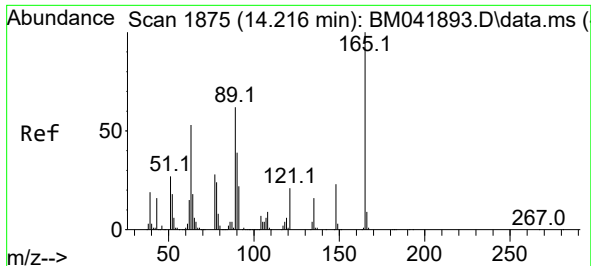
Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.0

164 9.9 8.2 12.4

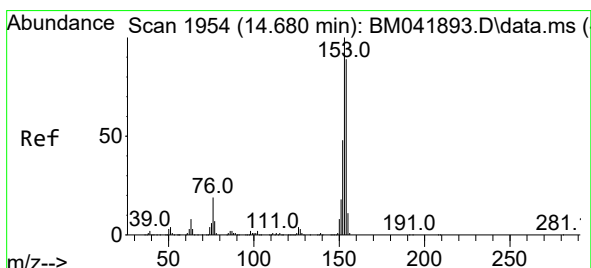
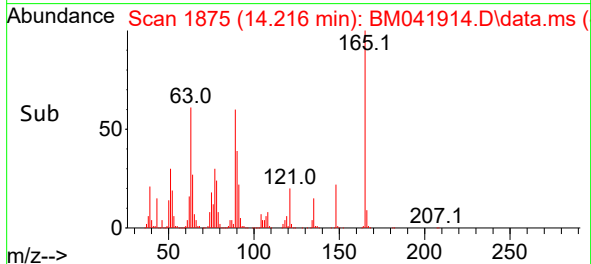
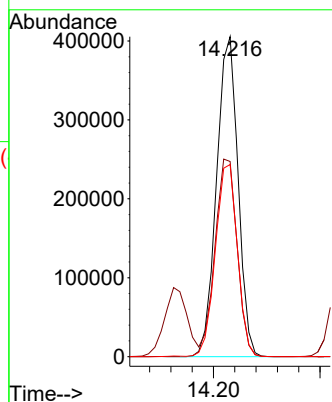
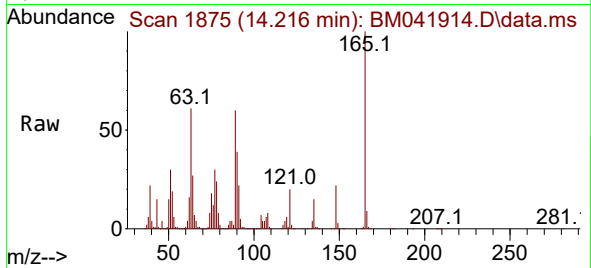




#51
2,6-Dinitrotoluene
Concen: 39.528 ng
RT: 14.216 min Scan# 1875
Delta R.T. -0.000 min
Lab File: BM041914.D
Acq: 19 Sep 2023 22:02

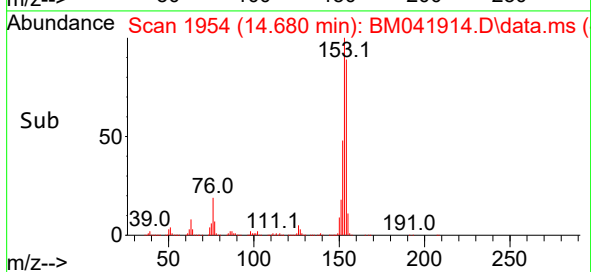
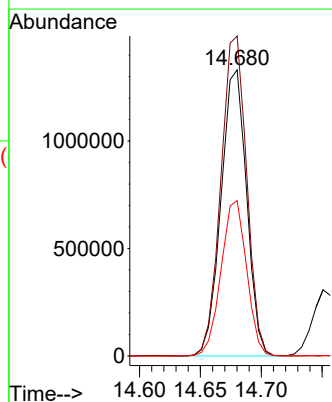
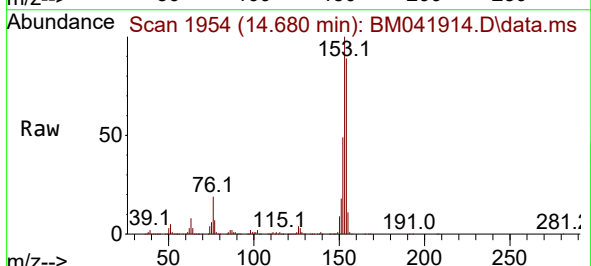
Instrument :
BNA_M
ClientSampleId :
PB155451BS

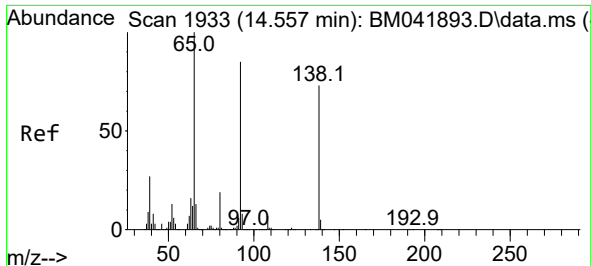
Tgt Ion:165 Resp: 566331
Ion Ratio Lower Upper
165 100
63 61.0 50.2 75.2
89 60.1 49.3 73.9



#52
Acenaphthene
Concen: 39.704 ng
RT: 14.680 min Scan# 1954
Delta R.T. -0.000 min
Lab File: BM041914.D
Acq: 19 Sep 2023 22:02

Tgt Ion:154 Resp: 1947343
Ion Ratio Lower Upper
154 100
153 111.8 90.3 135.5
152 54.3 43.4 65.2

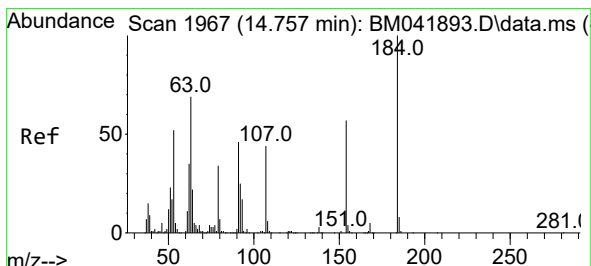
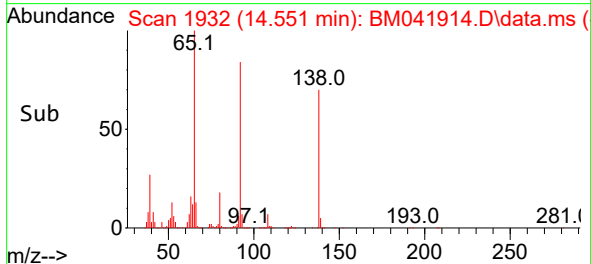
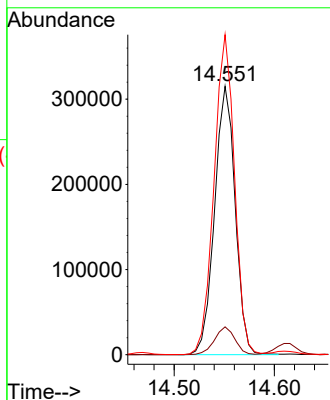
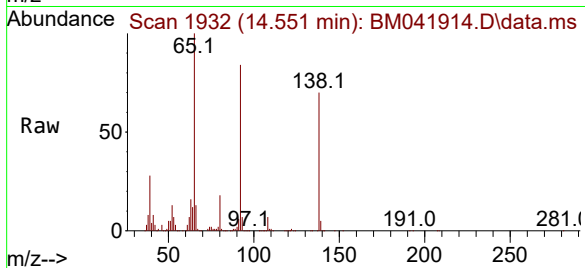




#53
3-Nitroaniline
Concen: 28.076 ng
RT: 14.551 min Scan# 1932
Delta R.T. -0.006 min
Lab File: BM041914.D
Acq: 19 Sep 2023 22:02

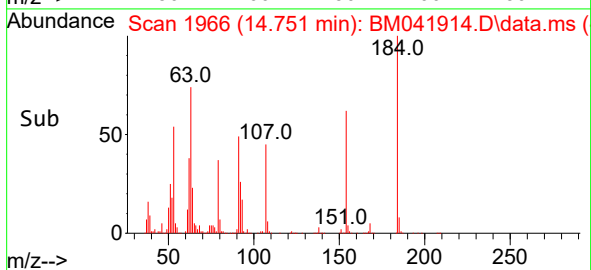
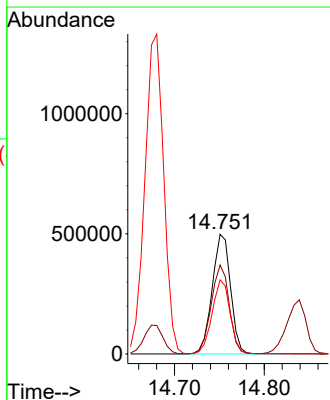
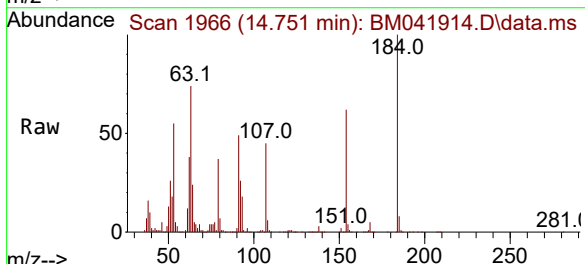
Instrument :
BNA_M
ClientSampleId :
PB155451BS

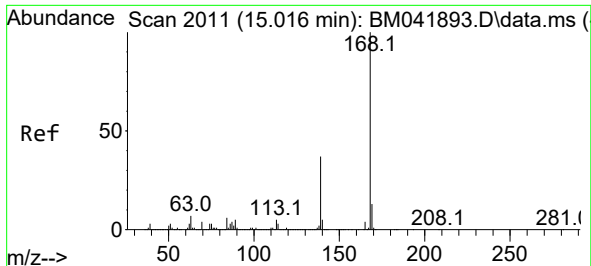
Tgt Ion:138 Resp: 450226
Ion Ratio Lower Upper
138 100
108 10.4 8.0 12.0
92 119.3 93.6 140.4



#54
2,4-Dinitrophenol
Concen: 79.018 ng
RT: 14.751 min Scan# 1966
Delta R.T. -0.006 min
Lab File: BM041914.D
Acq: 19 Sep 2023 22:02

Tgt Ion:184 Resp: 707055
Ion Ratio Lower Upper
184 100
63 74.3 55.8 83.8
154 61.9 48.9 73.3

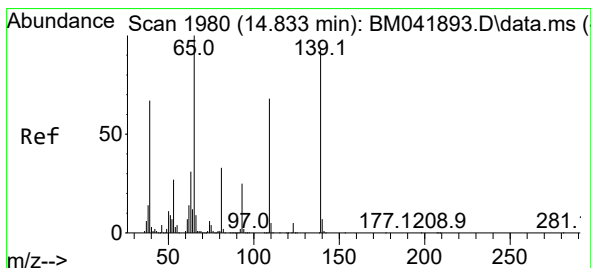
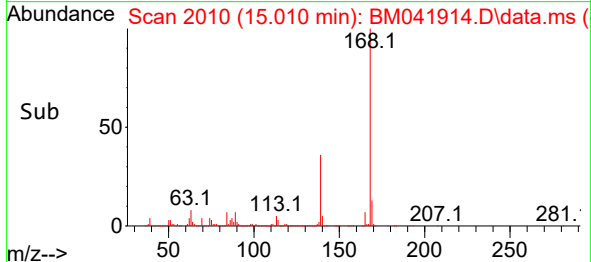
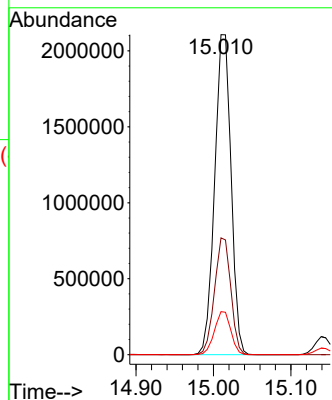
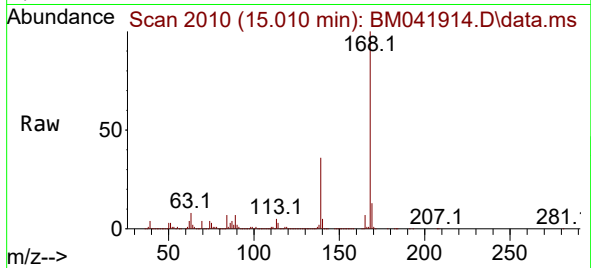




#55
Dibenzenofuran
Concen: 39.087 ng
RT: 15.010 min Scan# 20
Delta R.T. -0.006 min
Lab File: BM041914.D
Acq: 19 Sep 2023 22:02

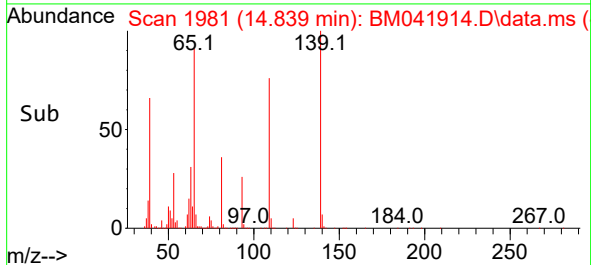
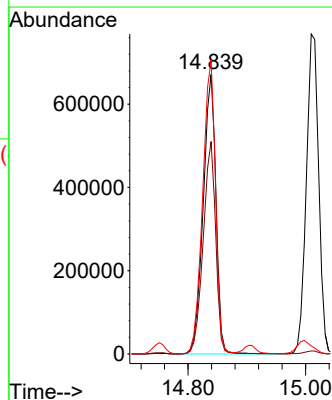
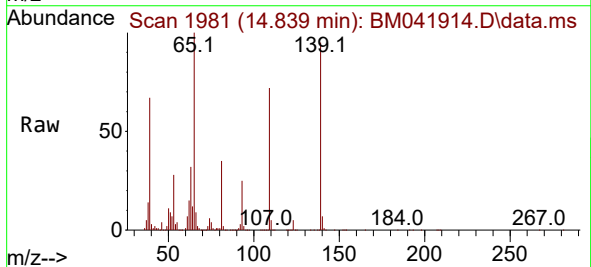
Instrument :
BNA_M
ClientSampleId :
PB155451BS

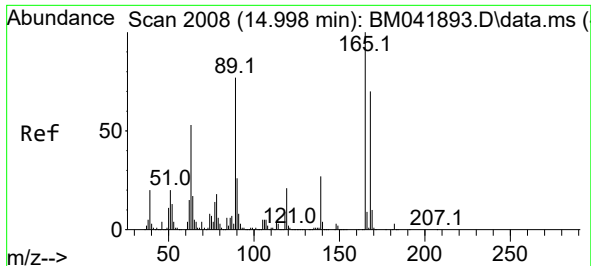
Tgt Ion:168 Resp: 3094576
Ion Ratio Lower Upper
168 100
139 36.5 29.4 44.2
169 13.5 10.8 16.2



#56
4-Nitrophenol
Concen: 79.486 ng
RT: 14.839 min Scan# 1981
Delta R.T. 0.006 min
Lab File: BM041914.D
Acq: 19 Sep 2023 22:02

Tgt Ion:139 Resp: 1010920
Ion Ratio Lower Upper
139 100
109 76.0 53.4 93.4
65 105.1 87.4 127.4





#57

2,4-Dinitrotoluene

Concen: 39.889 ng

RT: 14.998 min Scan# 2008

Delta R.T. -0.000 min

Lab File: BM041914.D

Acq: 19 Sep 2023 22:02

Instrument :

BNA_M

ClientSampleId :

PB155451BS

Tgt Ion:165 Resp: 756120

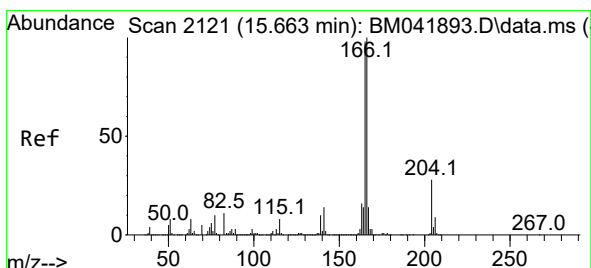
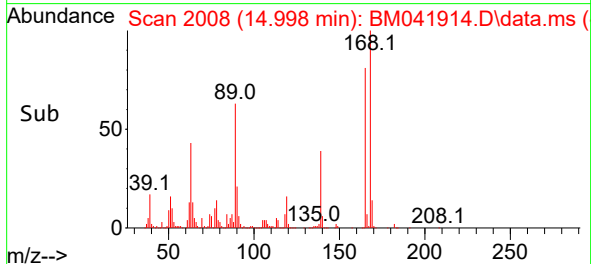
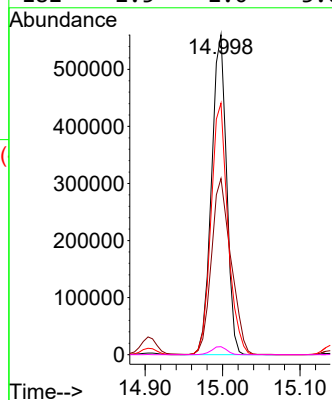
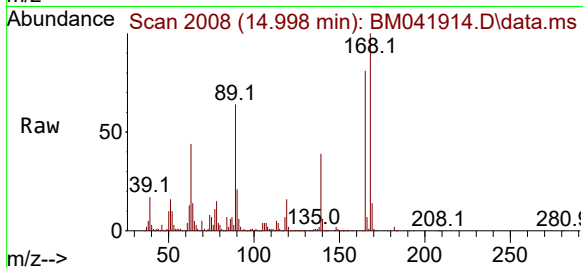
Ion Ratio Lower Upper

165 100

63 55.0 42.3 63.5

89 78.6 61.8 92.6

182 2.5 2.0 3.0



#58

Fluorene

Concen: 39.219 ng

RT: 15.663 min Scan# 2121

Delta R.T. -0.000 min

Lab File: BM041914.D

Acq: 19 Sep 2023 22:02

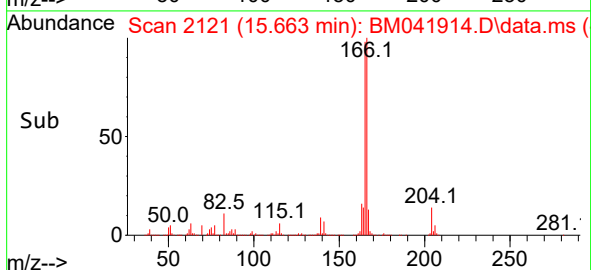
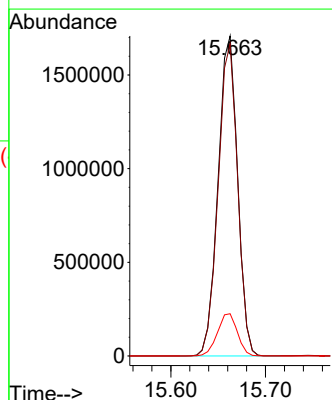
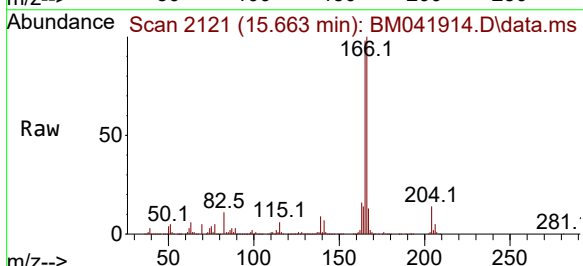
Tgt Ion:166 Resp: 2447960

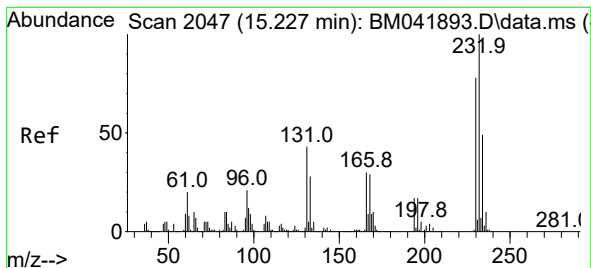
Ion Ratio Lower Upper

166 100

165 97.6 78.2 117.2

167 13.2 11.0 16.6

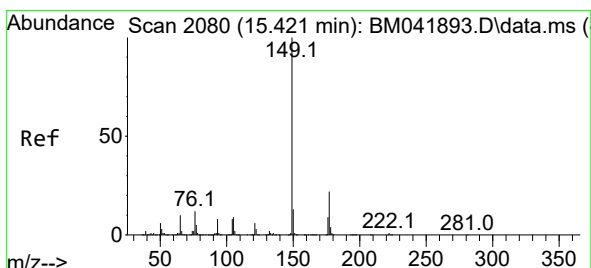
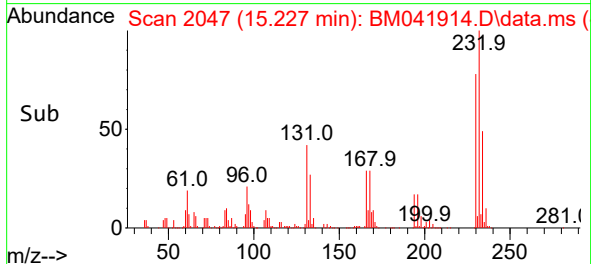
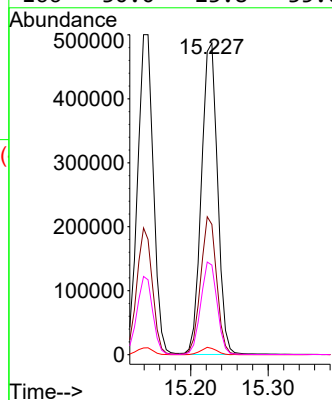
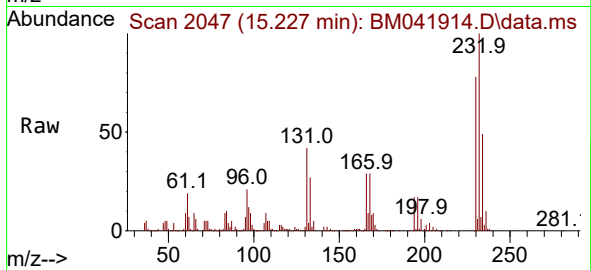




#59
2,3,4,6-Tetrachlorophenol
Concen: 40.599 ng
RT: 15.227 min Scan# 2047
Delta R.T. -0.000 min
Lab File: BM041914.D
Acq: 19 Sep 2023 22:02

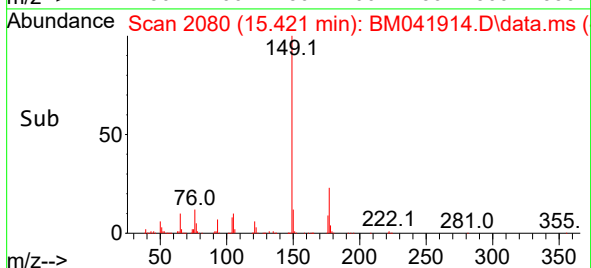
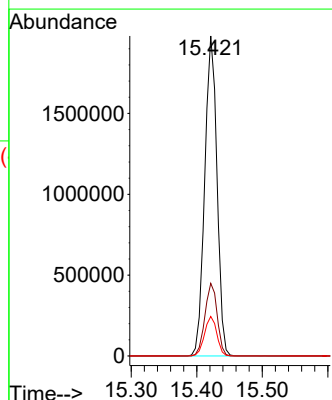
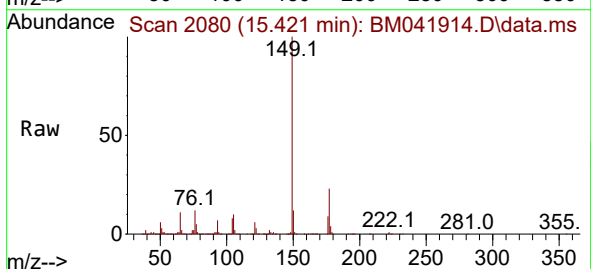
Instrument :
BNA_M
ClientSampleId :
PB155451BS

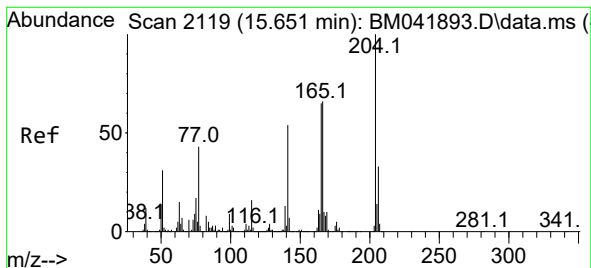
Tgt Ion:232 Resp: 703885
Ion Ratio Lower Upper
232 100
131 43.5 34.6 51.8
130 2.3 1.8 2.8
166 30.0 23.8 35.6



#60
Diethylphthalate
Concen: 38.381 ng
RT: 15.421 min Scan# 2080
Delta R.T. -0.000 min
Lab File: BM041914.D
Acq: 19 Sep 2023 22:02

Tgt Ion:149 Resp: 2581147
Ion Ratio Lower Upper
149 100
177 22.7 17.9 26.9
150 12.4 10.1 15.1

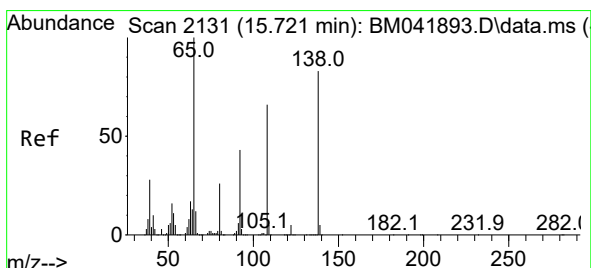
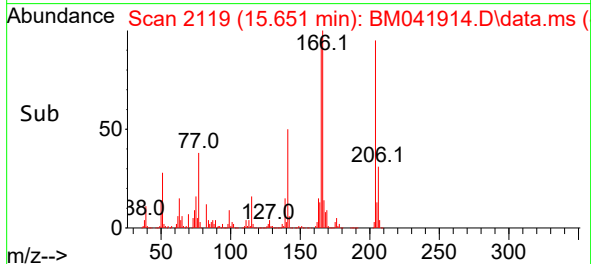
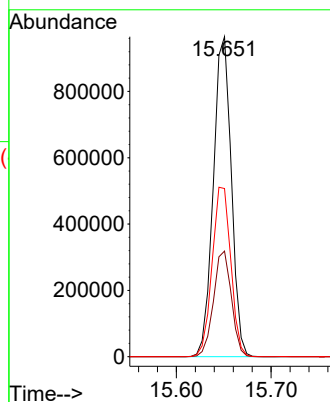
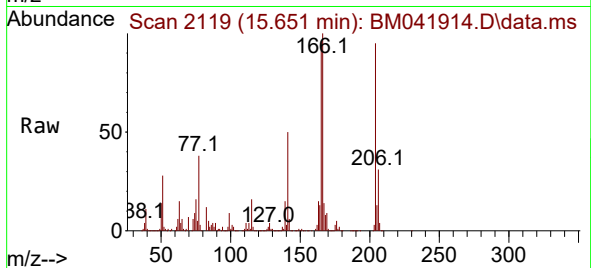




#61
4-Chlorophenyl-phenylether
Concen: 38.841 ng
RT: 15.651 min Scan# 2119
Delta R.T. -0.000 min
Lab File: BM041914.D
Acq: 19 Sep 2023 22:02

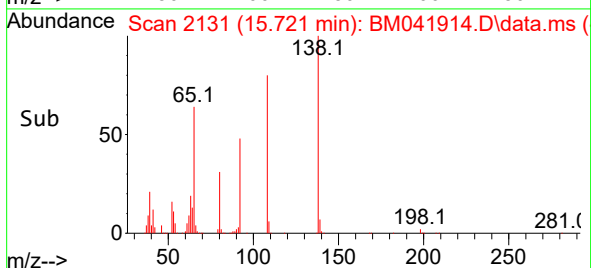
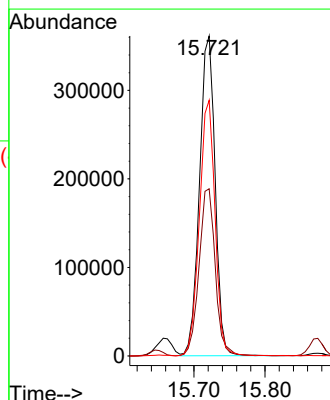
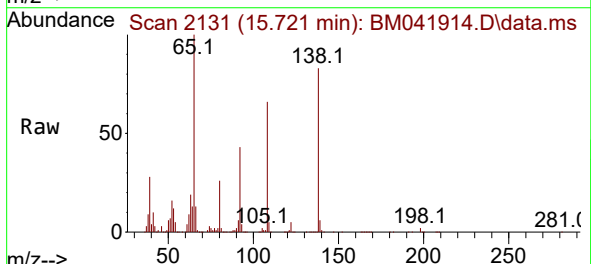
Instrument :
BNA_M
ClientSampleId :
PB155451BS

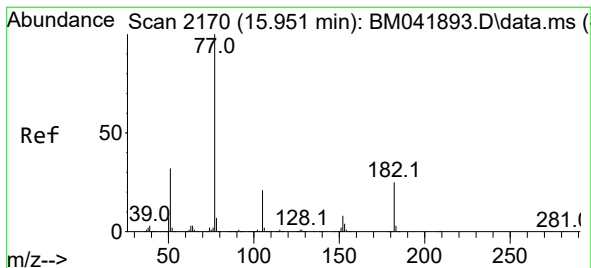
Tgt Ion:204 Resp: 1271863
Ion Ratio Lower Upper
204 100
206 33.0 26.1 39.1
141 52.5 43.6 65.4



#62
4-Nitroaniline
Concen: 35.870 ng
RT: 15.721 min Scan# 2131
Delta R.T. -0.000 min
Lab File: BM041914.D
Acq: 19 Sep 2023 22:02

Tgt Ion:138 Resp: 553141
Ion Ratio Lower Upper
138 100
92 52.2 32.3 72.3
108 79.9 59.0 99.0





#63

Azobenzene

Concen: 39.264 ng

RT: 15.945 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM041914.D

Acq: 19 Sep 2023 22:02

Instrument :

BNA_M

ClientSampleId :

PB155451BS

Tgt Ion: 77 Resp: 2676967

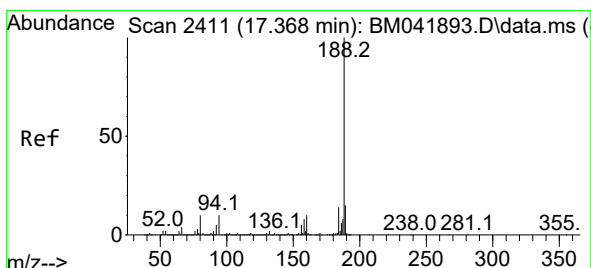
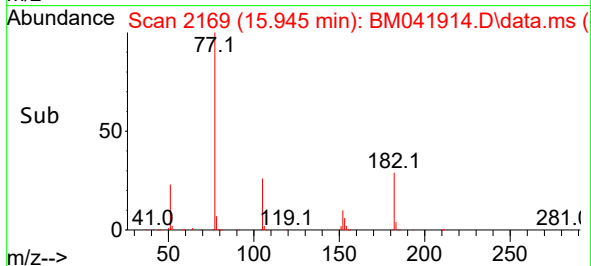
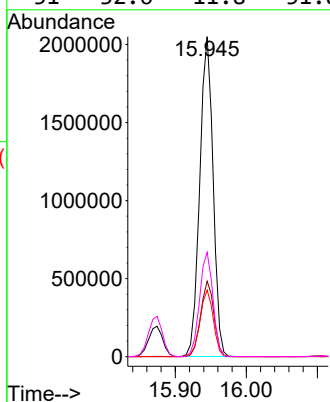
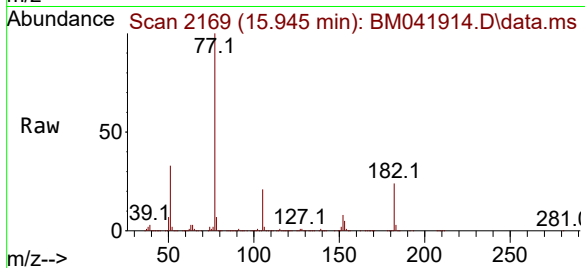
Ion Ratio Lower Upper

77 100

182 23.6 4.9 44.9

105 20.8 0.7 40.7

51 32.6 11.8 51.8



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.362 min Scan# 2410

Delta R.T. -0.006 min

Lab File: BM041914.D

Acq: 19 Sep 2023 22:02

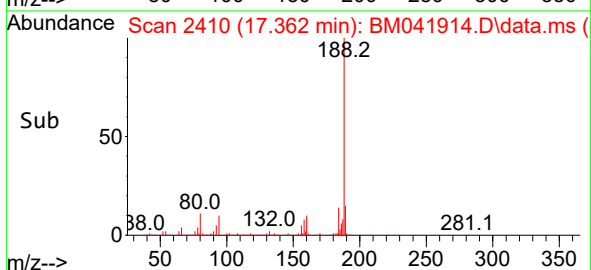
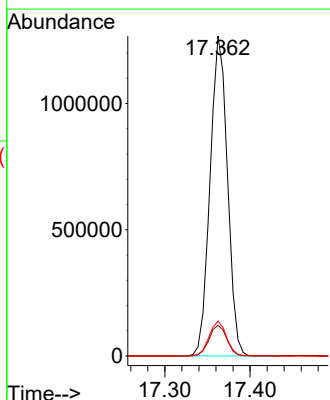
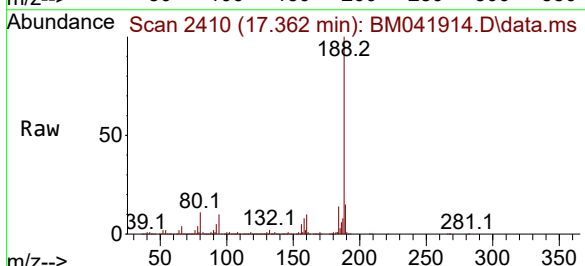
Tgt Ion:188 Resp: 1796919

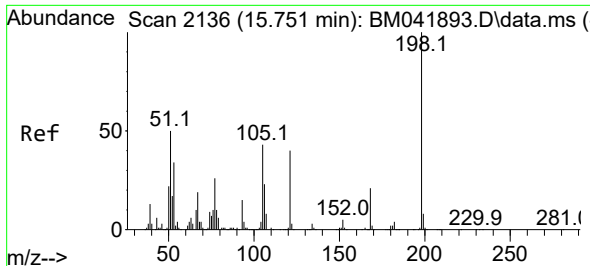
Ion Ratio Lower Upper

188 100

94 9.6 7.6 11.4

80 10.8 8.3 12.5

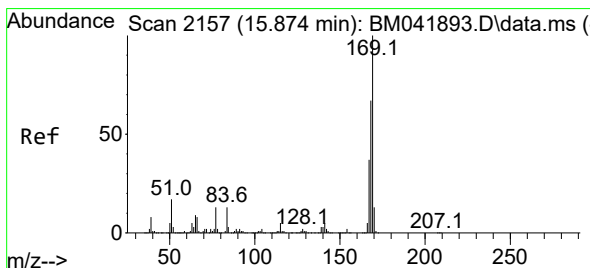
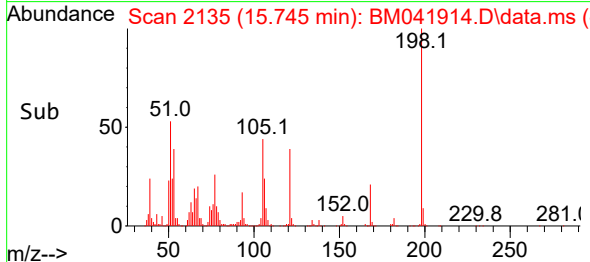
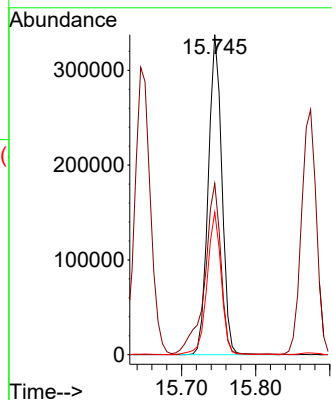
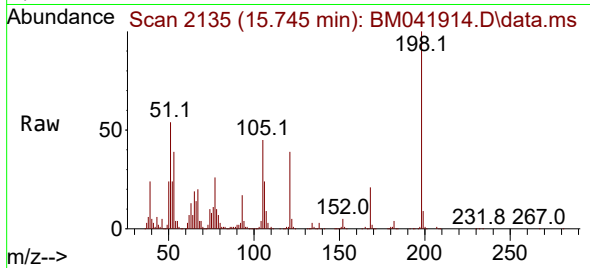




#65
4,6-Dinitro-2-methylphenol
Concen: 41.667 ng
RT: 15.745 min Scan# 2135
Delta R.T. -0.006 min
Lab File: BM041914.D
Acq: 19 Sep 2023 22:02

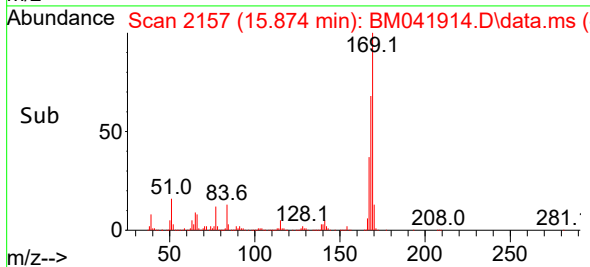
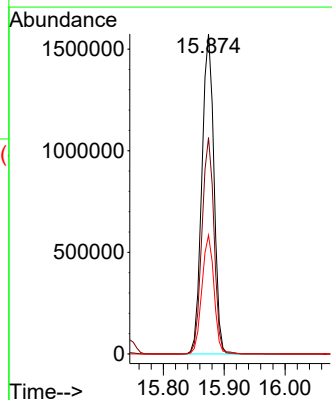
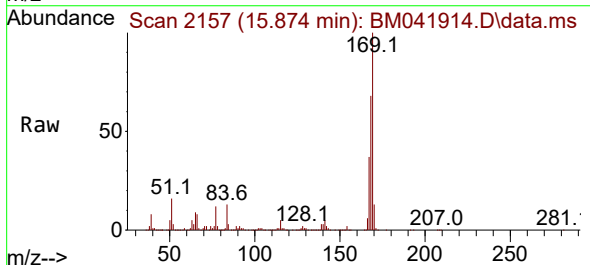
Instrument :
BNA_M
ClientSampleId :
PB155451BS

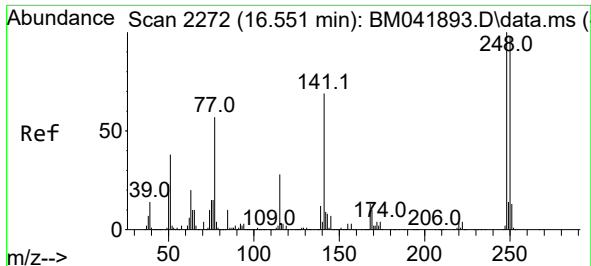
Tgt Ion:198 Resp: 429944
Ion Ratio Lower Upper
198 100
51 53.5 32.0 72.0
105 44.6 23.6 63.6



#66
n-Nitrosodiphenylamine
Concen: 42.526 ng
RT: 15.874 min Scan# 2157
Delta R.T. -0.000 min
Lab File: BM041914.D
Acq: 19 Sep 2023 22:02

Tgt Ion:169 Resp: 2158233
Ion Ratio Lower Upper
169 100
168 67.6 53.6 80.4
167 37.1 29.4 44.0

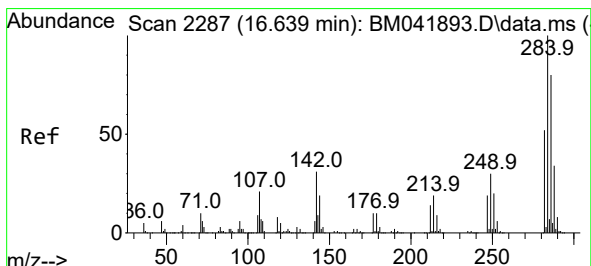
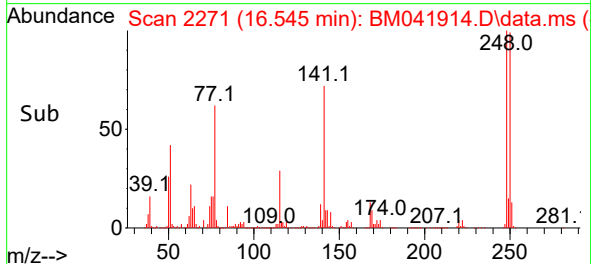
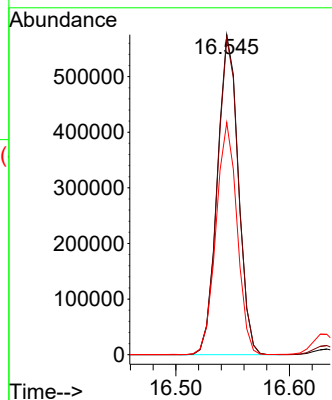
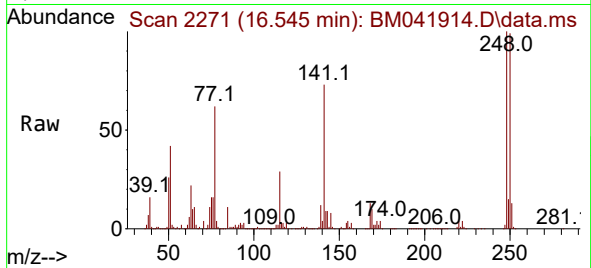




#67
4-Bromophenyl-phenylether
Concen: 40.059 ng
RT: 16.545 min Scan# 211
Delta R.T. -0.006 min
Lab File: BM041914.D
Acq: 19 Sep 2023 22:02

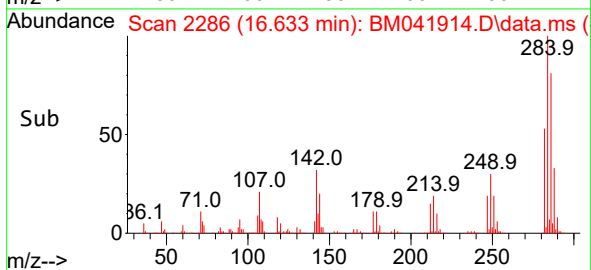
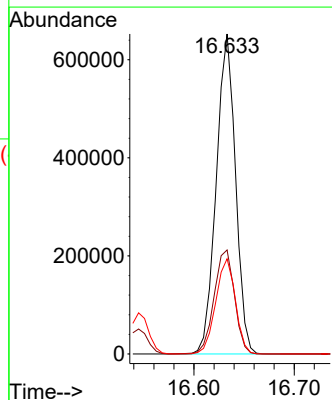
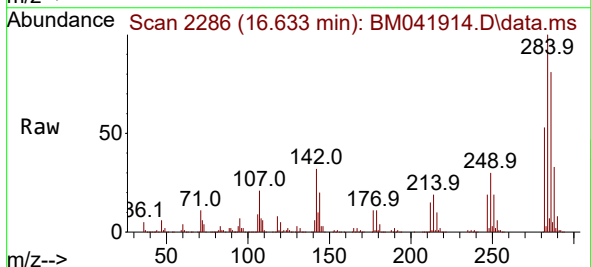
Instrument :
BNA_M
ClientSampleId :
PB155451BS

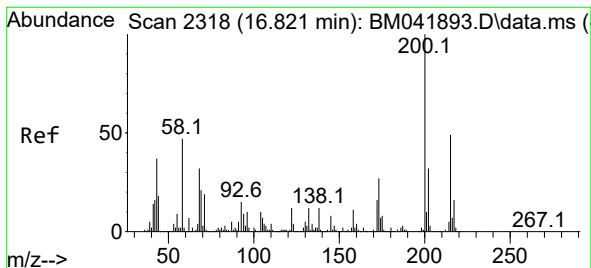
Tgt Ion:248 Resp: 741788
Ion Ratio Lower Upper
248 100
250 99.0 78.0 117.0
141 72.5 55.1 82.7



#68
Hexachlorobenzene
Concen: 44.358 ng
RT: 16.633 min Scan# 2286
Delta R.T. -0.006 min
Lab File: BM041914.D
Acq: 19 Sep 2023 22:02

Tgt Ion:284 Resp: 869668
Ion Ratio Lower Upper
284 100
142 32.5 24.8 37.2
249 29.7 24.0 36.0





#69

Atrazine

Concen: 48.175 ng

RT: 16.821 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM041914.D

Acq: 19 Sep 2023 22:02

Instrument :

BNA_M

ClientSampleId :

PB155451BS

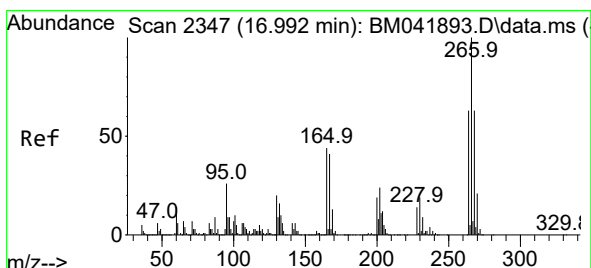
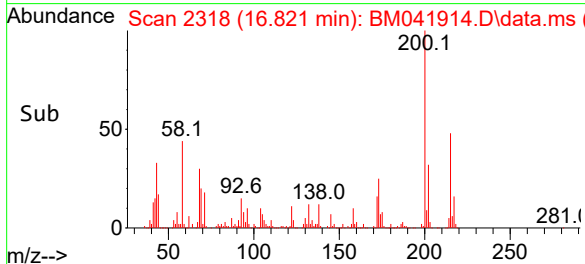
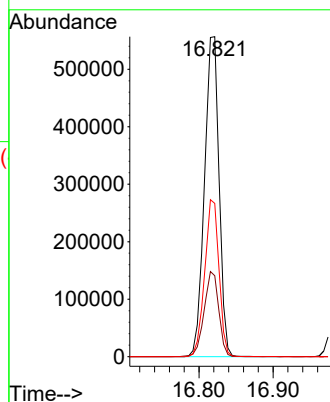
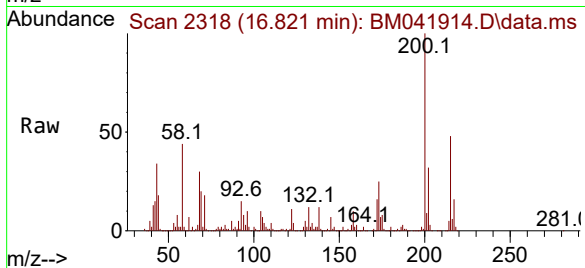
Tgt Ion:200 Resp: 762412

Ion Ratio Lower Upper

200 100

173 25.3 6.5 46.5

215 47.9 28.9 68.9



#70

Pentachlorophenol

Concen: 70.048 ng

RT: 16.992 min Scan# 2347

Delta R.T. -0.000 min

Lab File: BM041914.D

Acq: 19 Sep 2023 22:02

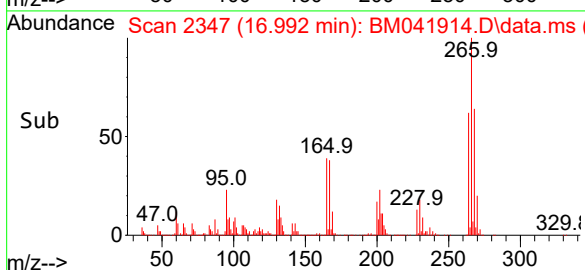
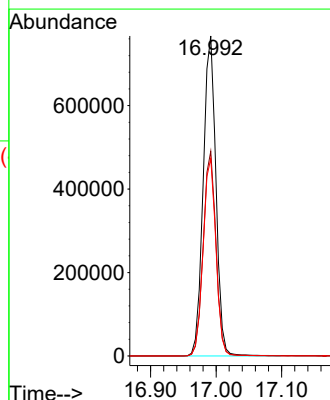
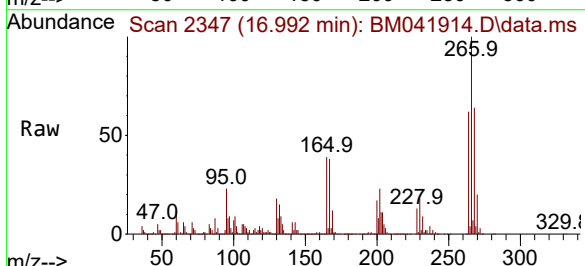
Tgt Ion:266 Resp: 1037623

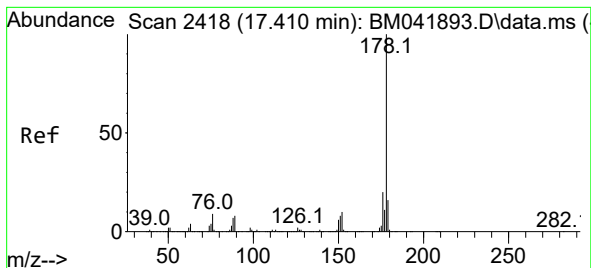
Ion Ratio Lower Upper

266 100

268 63.9 50.5 75.7

264 61.7 50.6 76.0





#71

Phenanthrene

Concen: 42.153 ng

RT: 17.409 min Scan# 2418

Delta R.T. -0.000 min

Lab File: BM041914.D

Acq: 19 Sep 2023 22:02

Instrument :

BNA_M

ClientSampleId :

PB155451BS

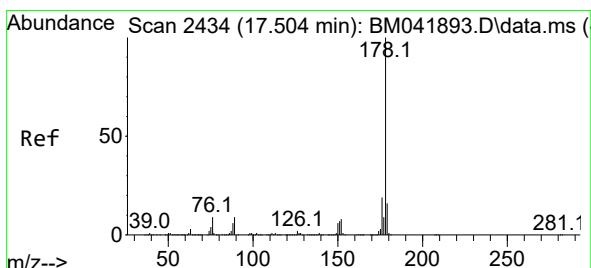
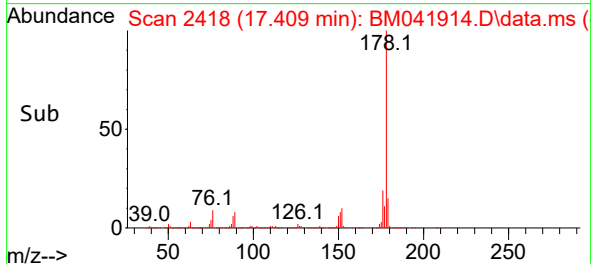
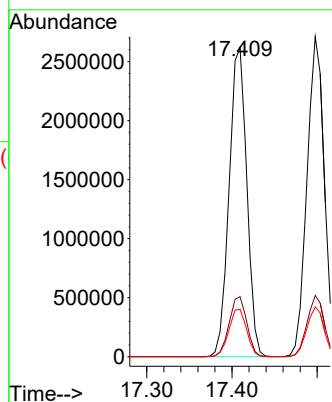
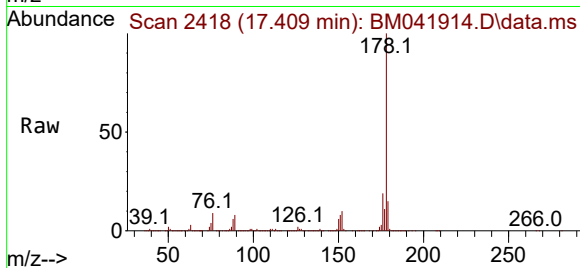
Tgt Ion:178 Resp: 3777605

Ion Ratio Lower Upper

178 100

176 19.4 15.7 23.5

179 15.3 12.4 18.6



#72

Anthracene

Concen: 41.806 ng

RT: 17.498 min Scan# 2433

Delta R.T. -0.006 min

Lab File: BM041914.D

Acq: 19 Sep 2023 22:02

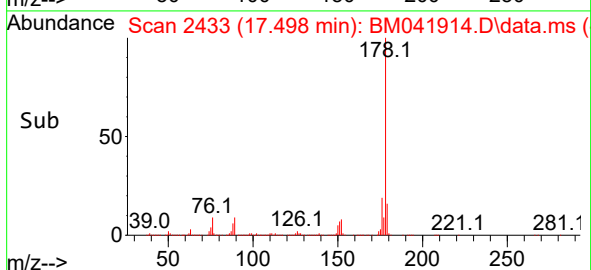
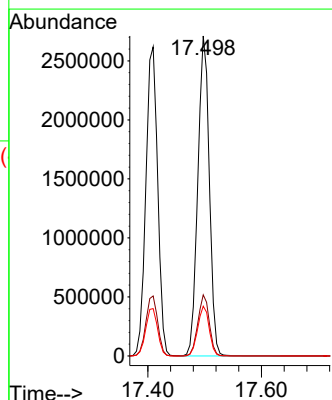
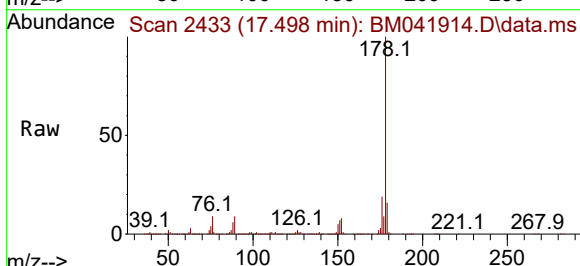
Tgt Ion:178 Resp: 3821870

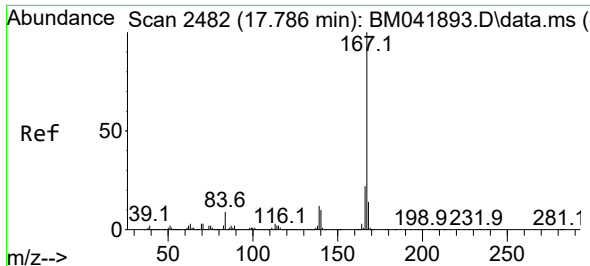
Ion Ratio Lower Upper

178 100

176 19.1 15.4 23.2

179 15.5 12.5 18.7

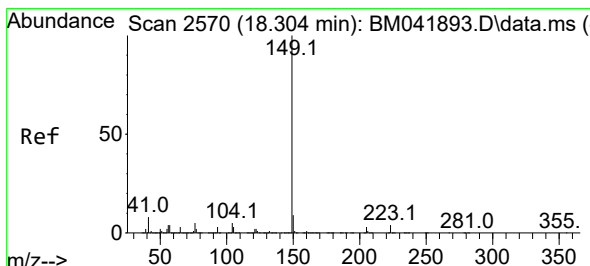
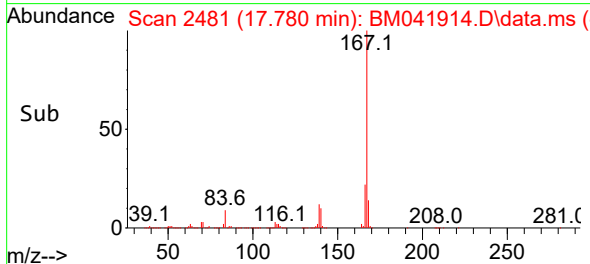
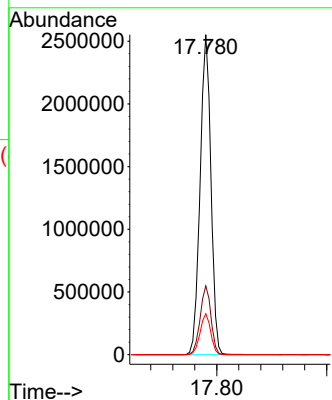
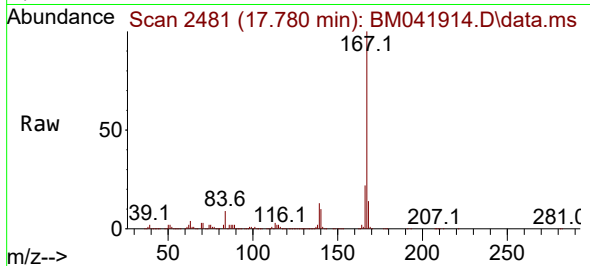




#73
 Carbazole
 Concen: 41.565 ng
 RT: 17.780 min Scan# 2482
 Delta R.T. -0.006 min
 Lab File: BM041914.D
 Acq: 19 Sep 2023 22:02

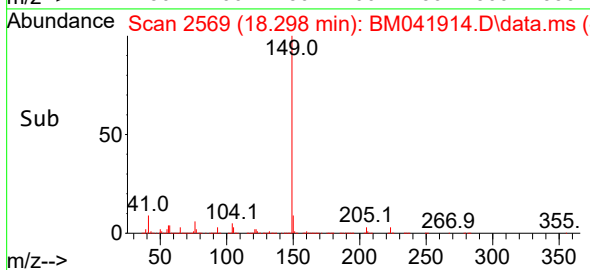
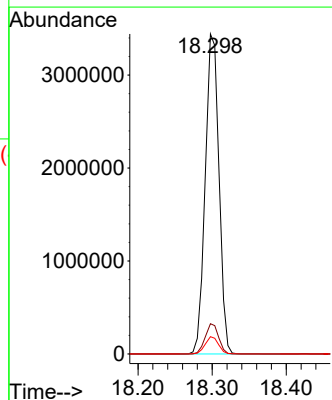
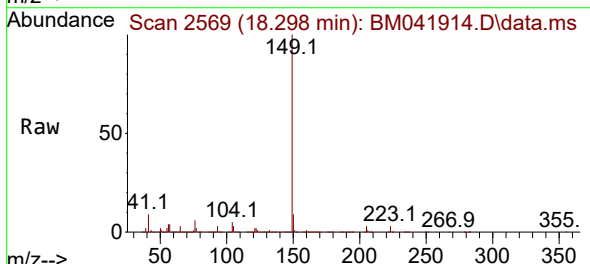
Instrument :
 BNA_M
 ClientSampleId :
 PB155451BS

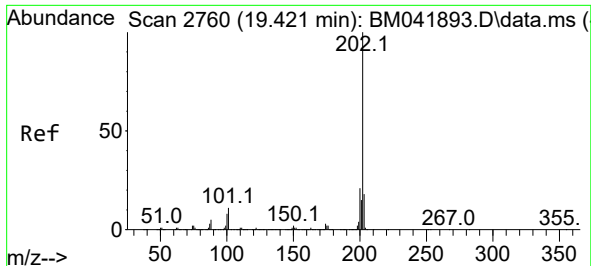
Tgt Ion:167 Resp: 3484267
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.5 26.3
 139 12.8 10.0 15.0



#74
 Di-n-butylphthalate
 Concen: 41.217 ng
 RT: 18.298 min Scan# 2569
 Delta R.T. -0.006 min
 Lab File: BM041914.D
 Acq: 19 Sep 2023 22:02

Tgt Ion:149 Resp: 4435635
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.4 11.2
 104 5.4 4.2 6.4

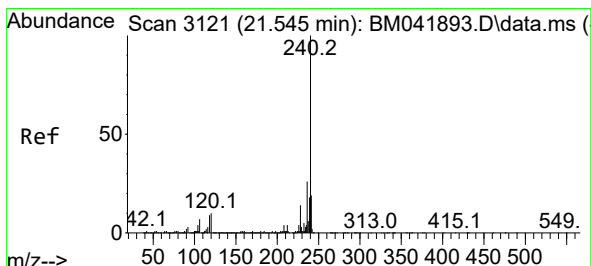
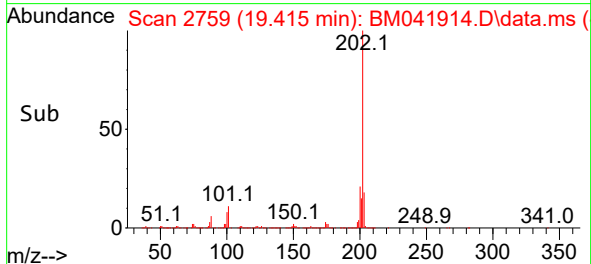
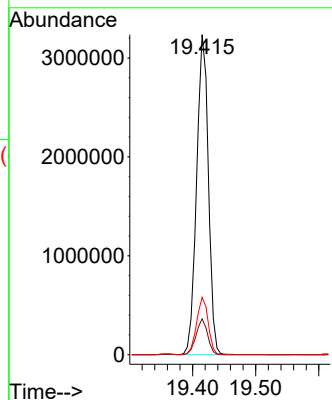
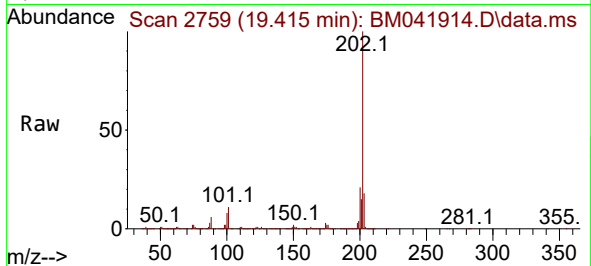




#75
Fluoranthene
Concen: 39.683 ng
RT: 19.415 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM041914.D
Acq: 19 Sep 2023 22:02

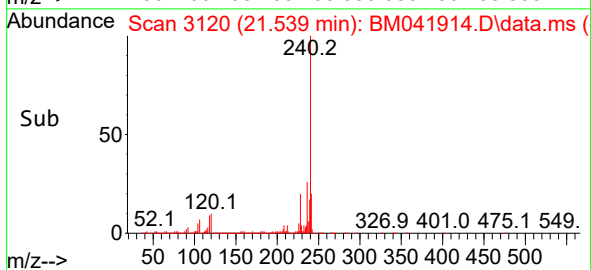
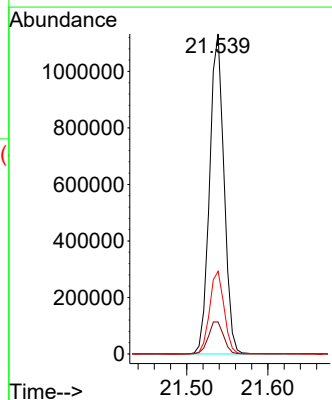
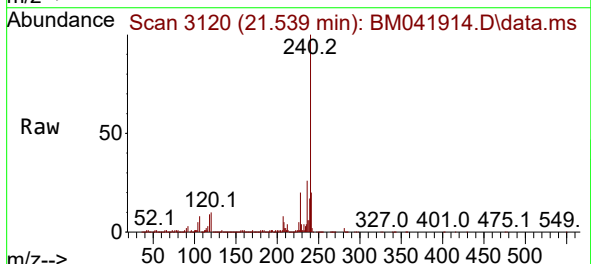
Instrument :
BNA_M
ClientSampleId :
PB155451BS

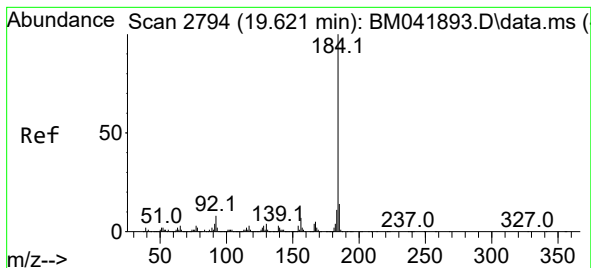
Tgt Ion:202 Resp: 4175045
Ion Ratio Lower Upper
202 100
101 11.2 0.0 30.5
203 17.9 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.539 min Scan# 3120
Delta R.T. -0.006 min
Lab File: BM041914.D
Acq: 19 Sep 2023 22:02

Tgt Ion:240 Resp: 1393519
Ion Ratio Lower Upper
240 100
120 10.0 8.1 12.1
236 25.8 20.7 31.1





#77

Benzidine

Concen: 47.113 ng

RT: 19.615 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM041914.D

Acq: 19 Sep 2023 22:02

Instrument :

BNA_M

ClientSampleId :

PB155451BS

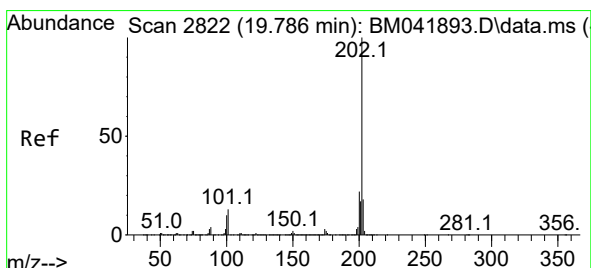
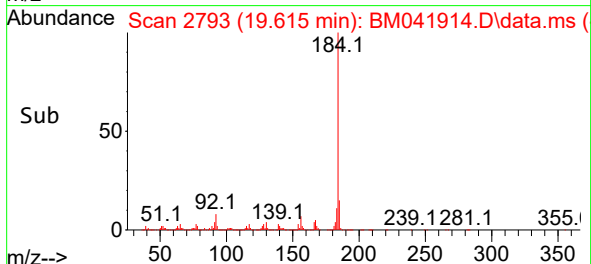
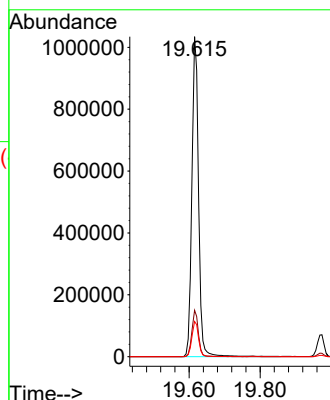
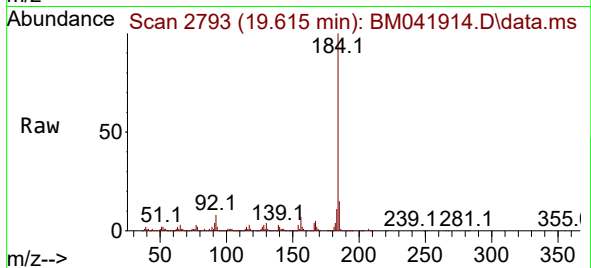
Tgt Ion:184 Resp: 1340093

Ion Ratio Lower Upper

184 100

185 14.5 11.2 16.8

183 11.0 9.1 13.7



#78

Pyrene

Concen: 44.446 ng

RT: 19.780 min Scan# 2821

Delta R.T. -0.006 min

Lab File: BM041914.D

Acq: 19 Sep 2023 22:02

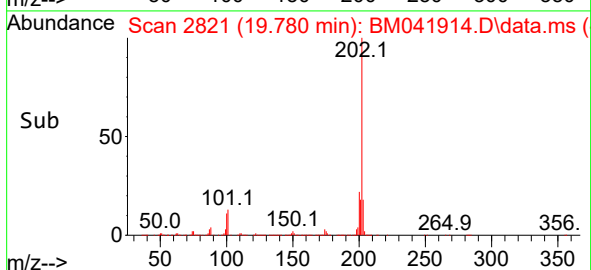
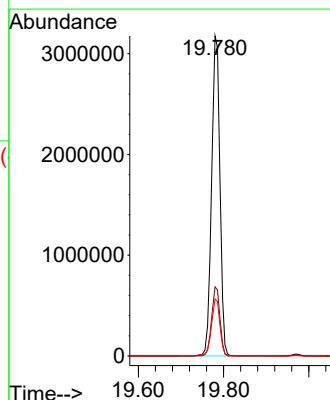
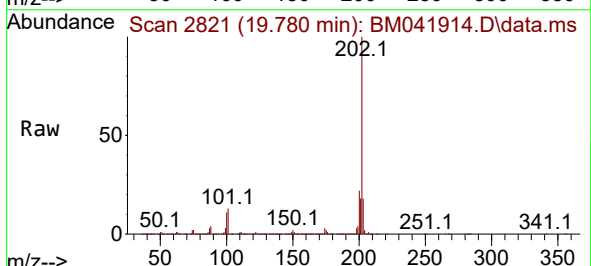
Tgt Ion:202 Resp: 4309607

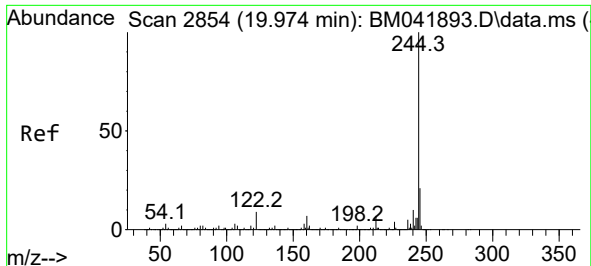
Ion Ratio Lower Upper

202 100

200 21.6 17.3 25.9

203 17.8 14.2 21.4

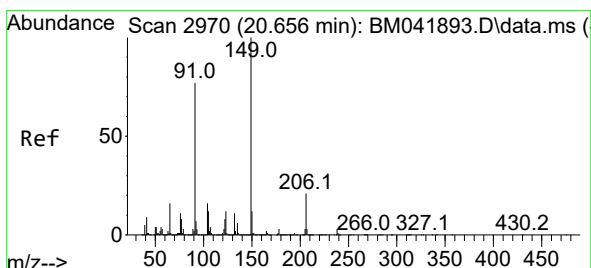
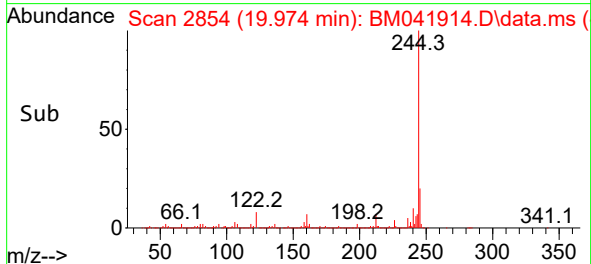
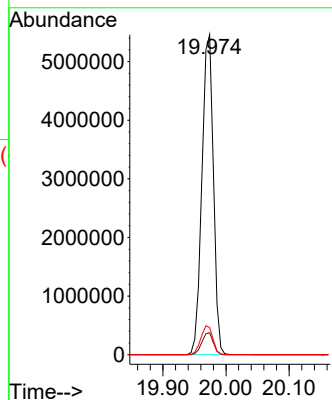
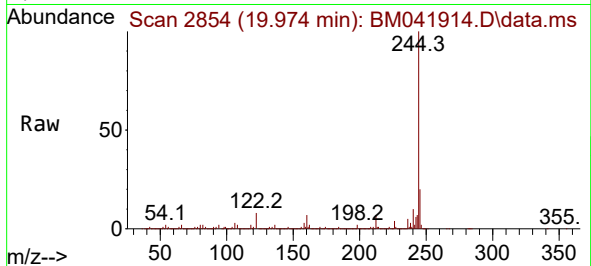




#79
 Terphenyl-d14
 Concen: 90.011 ng
 RT: 19.974 min Scan# 2854
 Delta R.T. -0.000 min
 Lab File: BM041914.D
 Acq: 19 Sep 2023 22:02

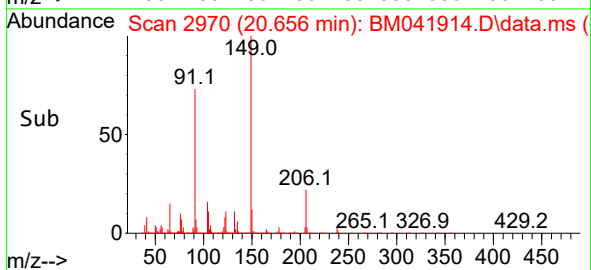
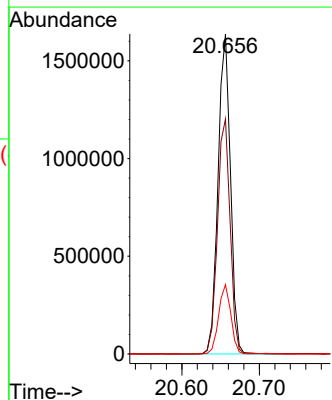
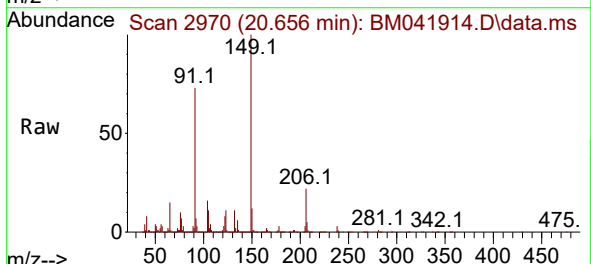
Instrument :
 BNA_M
 ClientSampleId :
 PB155451BS

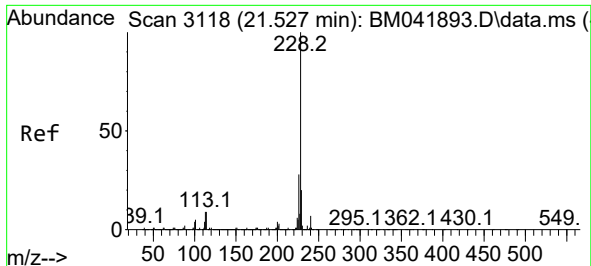
Tgt Ion:244 Resp: 6886950
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.7 8.5
 122 8.5 7.4 11.0



#80
 Butylbenzylphthalate
 Concen: 42.141 ng
 RT: 20.656 min Scan# 2970
 Delta R.T. -0.000 min
 Lab File: BM041914.D
 Acq: 19 Sep 2023 22:02

Tgt Ion:149 Resp: 1817354
 Ion Ratio Lower Upper
 149 100
 91 73.5 61.7 92.5
 206 21.6 16.9 25.3

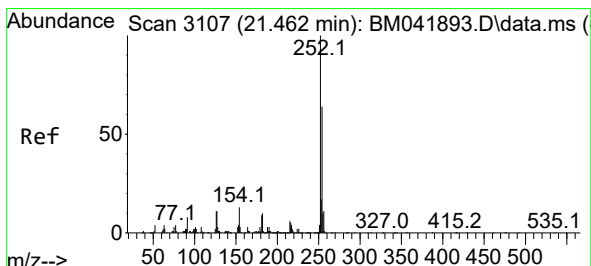
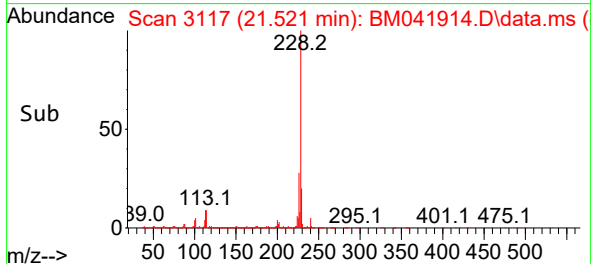
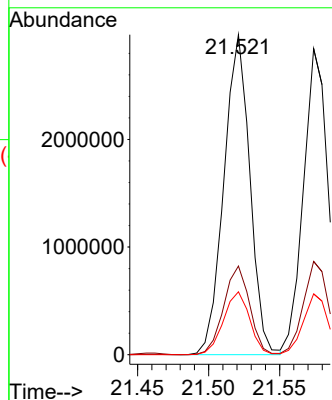
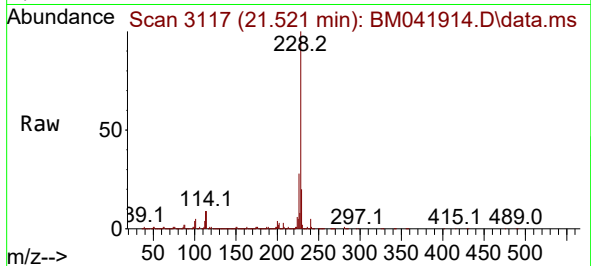




#81
Benzo(a)anthracene
Concen: 41.637 ng
RT: 21.521 min Scan# 3118
Delta R.T. -0.006 min
Lab File: BM041914.D
Acq: 19 Sep 2023 22:02

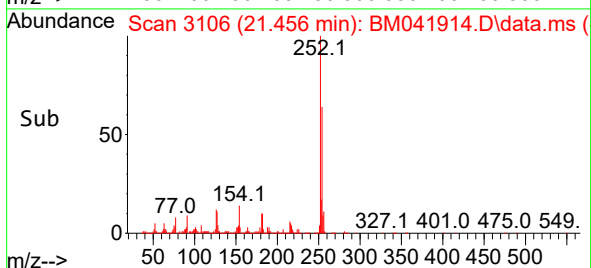
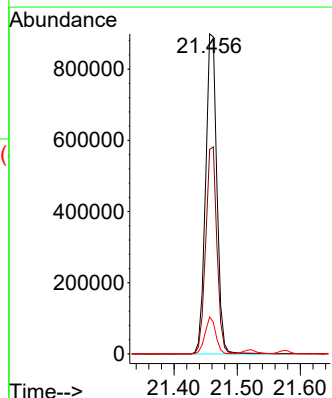
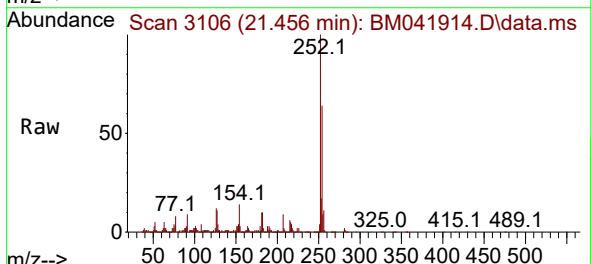
Instrument :
BNA_M
ClientSampleId :
PB155451BS

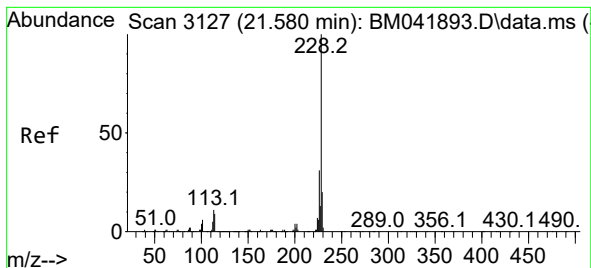
Tgt Ion:228 Resp: 3784276
Ion Ratio Lower Upper
228 100
226 27.7 22.2 33.4
229 19.7 16.1 24.1



#82
3,3'-Dichlorobenzidine
Concen: 34.950 ng
RT: 21.456 min Scan# 3106
Delta R.T. -0.006 min
Lab File: BM041914.D
Acq: 19 Sep 2023 22:02

Tgt Ion:252 Resp: 1118643
Ion Ratio Lower Upper
252 100
254 63.9 51.3 76.9
126 11.6 8.6 13.0





#83

Chrysene

Concen: 40.125 ng

RT: 21.574 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM041914.D

Acq: 19 Sep 2023 22:02

Instrument :

BNA_M

ClientSampleId :

PB155451BS

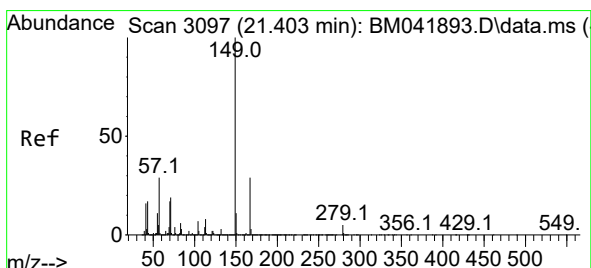
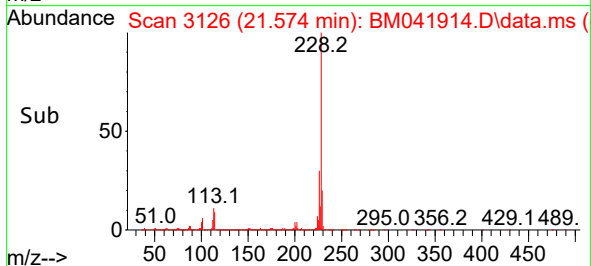
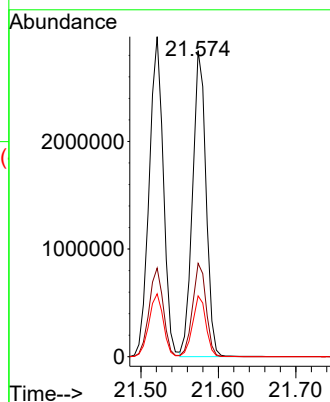
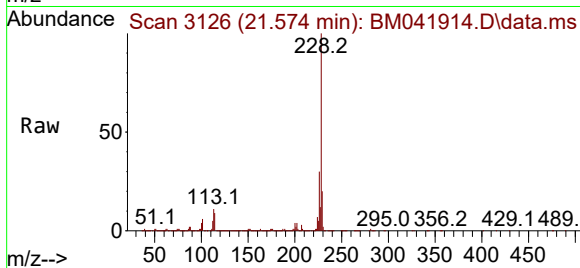
Tgt Ion:228 Resp: 3418174

Ion Ratio Lower Upper

228 100

226 30.5 24.4 36.6

229 19.9 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.253 ng

RT: 21.397 min Scan# 3096

Delta R.T. -0.006 min

Lab File: BM041914.D

Acq: 19 Sep 2023 22:02

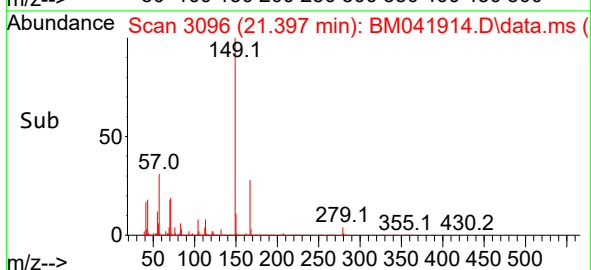
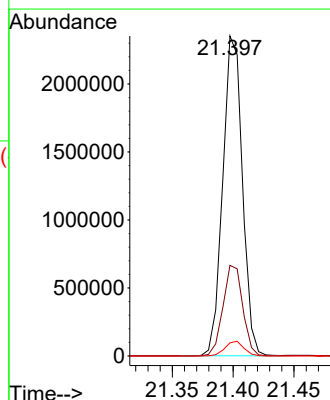
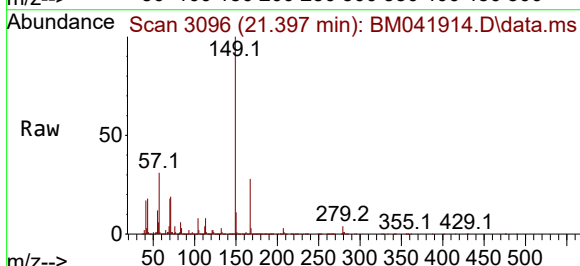
Tgt Ion:149 Resp: 2639272

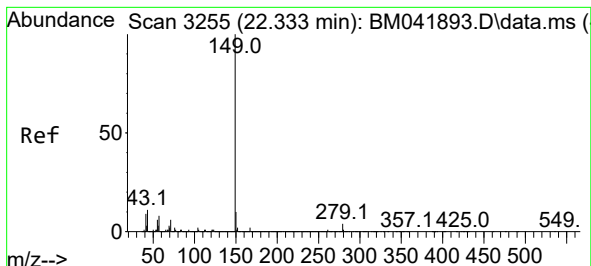
Ion Ratio Lower Upper

149 100

167 28.3 23.0 34.6

279 4.1 3.7 5.5





#85

Di-n-octyl phthalate

Concen: 40.314 ng

RT: 22.327 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM041914.D

Acq: 19 Sep 2023 22:02

Instrument :

BNA_M

ClientSampleId :

PB155451BS

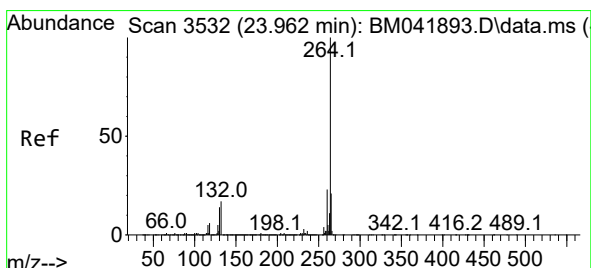
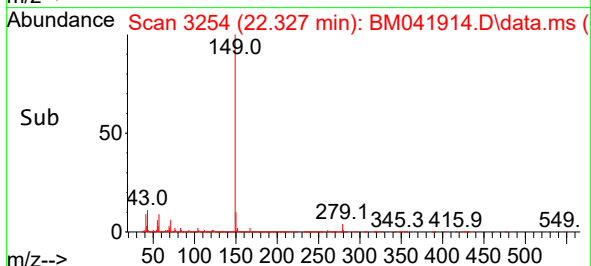
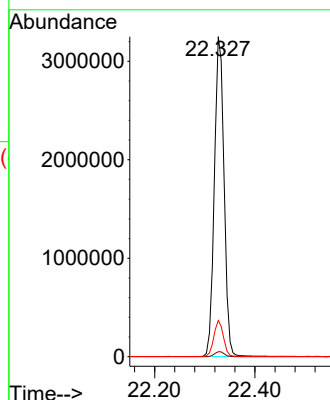
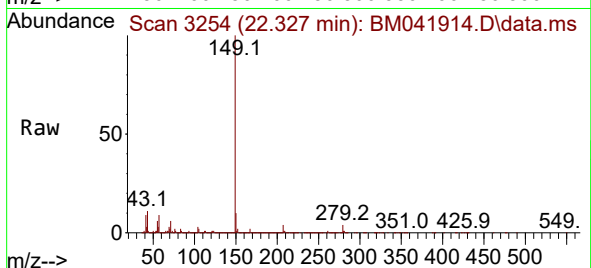
Tgt Ion:149 Resp: 4341522

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: 23.956 min Scan# 3531

Delta R.T. -0.006 min

Lab File: BM041914.D

Acq: 19 Sep 2023 22:02

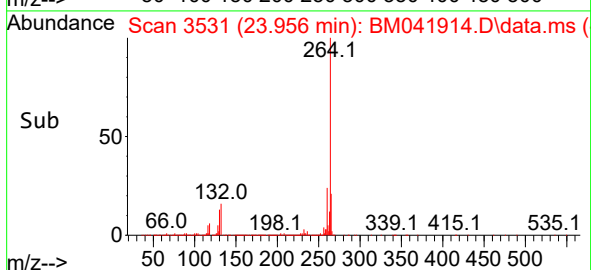
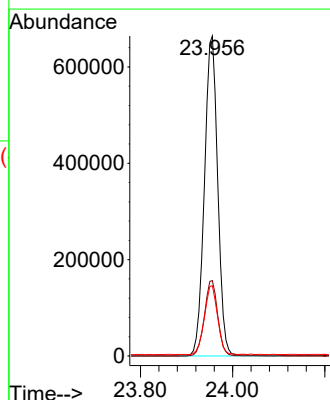
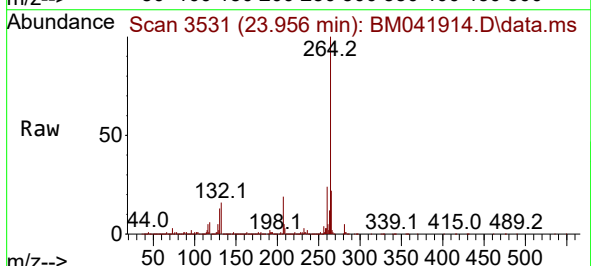
Tgt Ion:264 Resp: 1338842

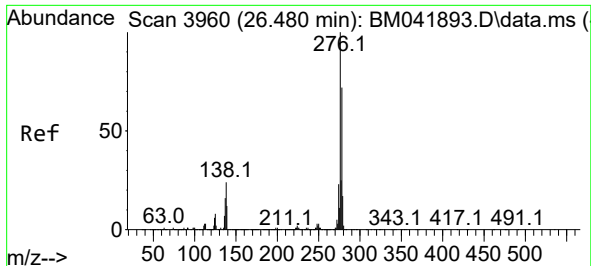
Ion Ratio Lower Upper

264 100

260 23.5 18.6 28.0

265 21.9 17.0 25.6

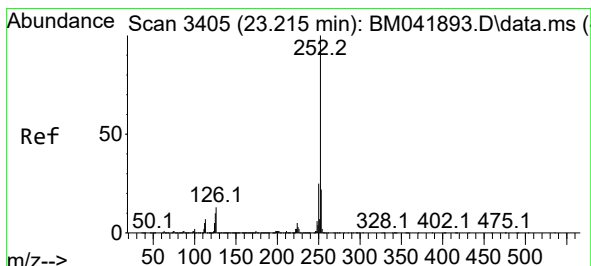
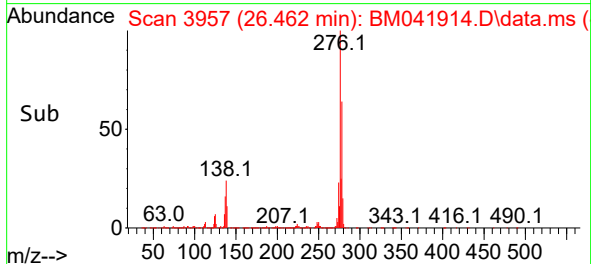
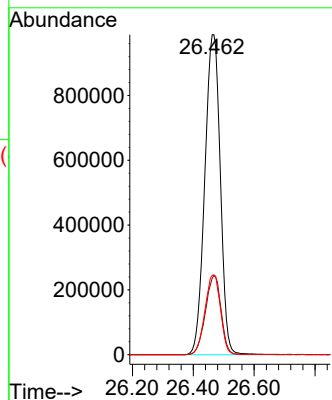
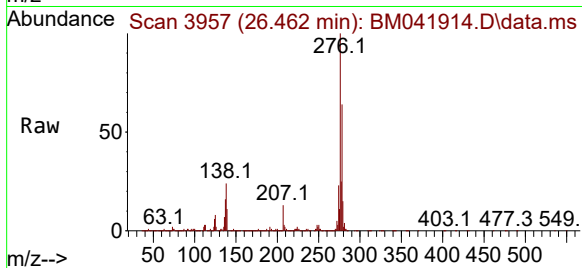




#87
Indeno(1,2,3-cd)pyrene
Concen: 43.590 ng
RT: 26.462 min Scan# 3957
Delta R.T. -0.018 min
Lab File: BM041914.D
Acq: 19 Sep 2023 22:02

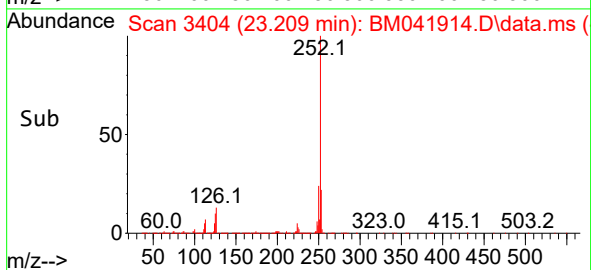
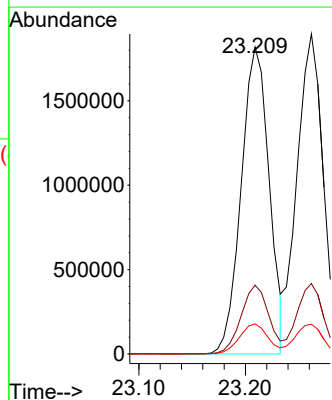
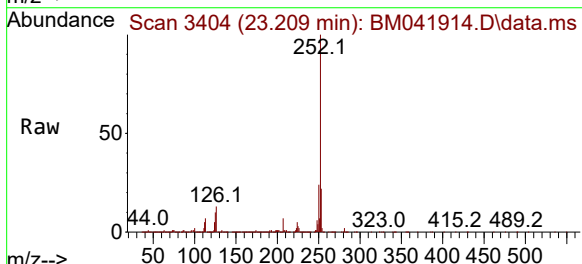
Instrument :
BNA_M
ClientSampleId :
PB155451BS

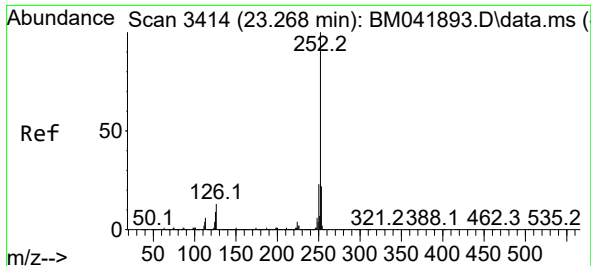
Tgt Ion:276 Resp: 3484475
Ion Ratio Lower Upper
276 100
138 24.9 19.8 29.8
277 25.1 20.2 30.2



#88
Benzo(b)fluoranthene
Concen: 42.401 ng
RT: 23.209 min Scan# 3404
Delta R.T. -0.006 min
Lab File: BM041914.D
Acq: 19 Sep 2023 22:02

Tgt Ion:252 Resp: 3314327
Ion Ratio Lower Upper
252 100
253 22.4 17.8 26.6
125 9.8 7.8 11.6

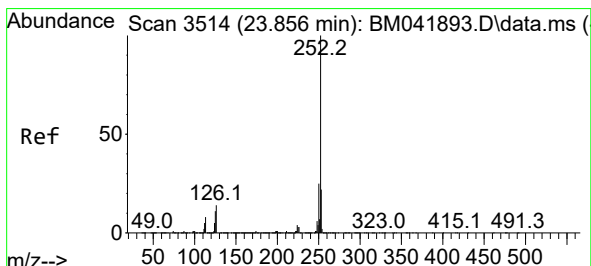
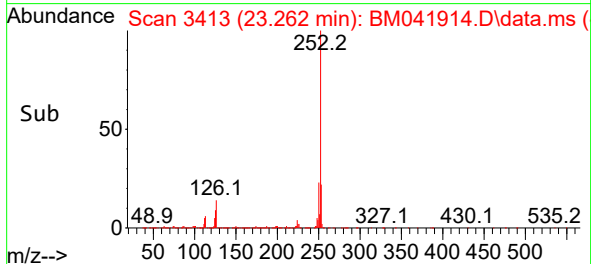
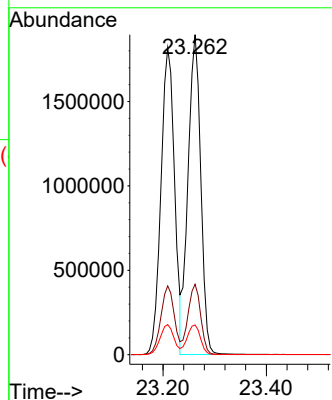
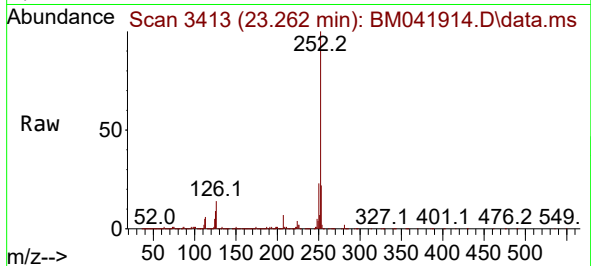




#89
Benzo(k)fluoranthene
Concen: 41.927 ng
RT: 23.262 min Scan# 3414
Delta R.T. -0.006 min
Lab File: BM041914.D
Acq: 19 Sep 2023 22:02

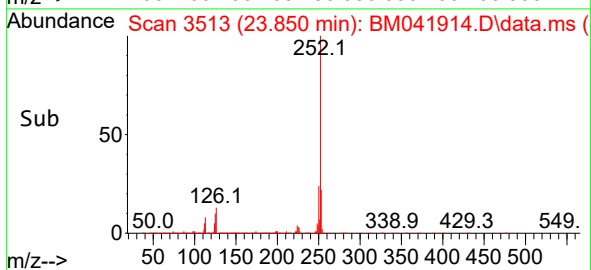
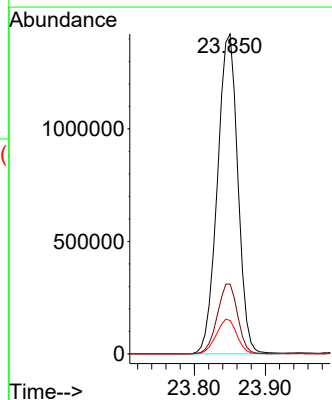
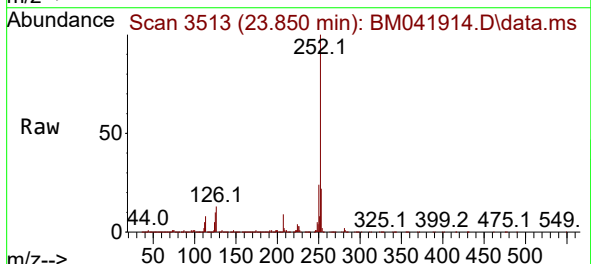
Instrument :
BNA_M
ClientSampleId :
PB155451BS

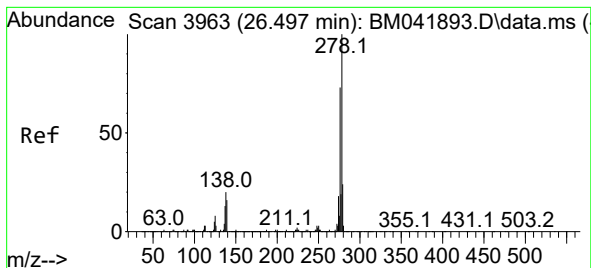
Tgt Ion:252 Resp: 3238487
Ion Ratio Lower Upper
252 100
253 22.0 17.7 26.5
125 9.3 7.7 11.5



#90
Benzo(a)pyrene
Concen: 38.561 ng
RT: 23.850 min Scan# 3513
Delta R.T. -0.006 min
Lab File: BM041914.D
Acq: 19 Sep 2023 22:02

Tgt Ion:252 Resp: 2828341
Ion Ratio Lower Upper
252 100
253 21.9 17.5 26.3
125 10.4 8.6 12.8





#91

Dibenzo(a,h)anthracene

Concen: 43.754 ng

RT: 26.479 min Scan# 3963

Delta R.T. -0.018 min

Lab File: BM041914.D

Acq: 19 Sep 2023 22:02

Instrument :

BNA_M

ClientSampleId :

PB155451BS

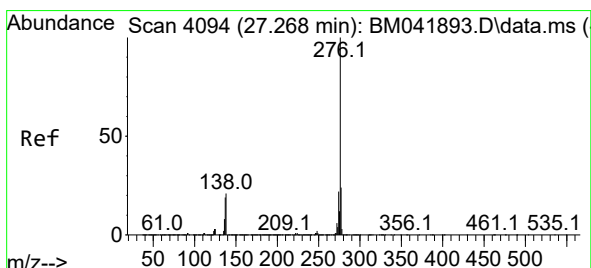
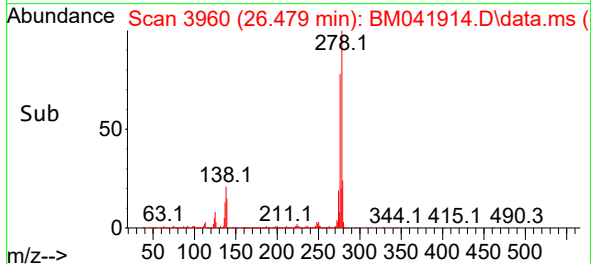
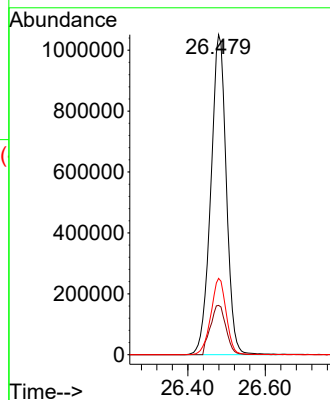
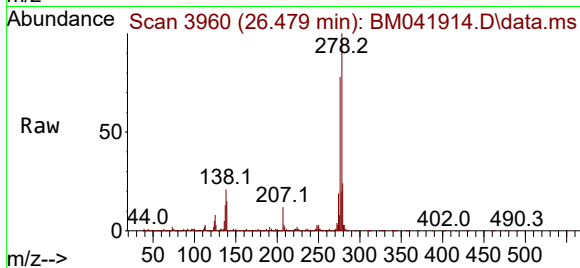
Tgt Ion:278 Resp: 2915883

Ion Ratio Lower Upper

278 100

139 15.4 12.8 19.2

279 23.8 19.2 28.8



#92

Benzo(g,h,i)perylene

Concen: 43.943 ng

RT: 27.250 min Scan# 4091

Delta R.T. -0.018 min

Lab File: BM041914.D

Acq: 19 Sep 2023 22:02

Tgt Ion:276 Resp: 2798100

Ion Ratio Lower Upper

276 100

277 23.5 19.4 29.2

138 21.1 17.0 25.4

