

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091923\
 Data File : BM041926.D
 Acq On : 20 Sep 2023 05:17
 Operator : MA/JU
 Sample : 04432-01MS
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PILE-1MS

Quant Time: Sep 20 06:10:13 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	309920	20.000	ng	0.00
21) Naphthalene-d8	10.781	136	1263995	20.000	ng	0.00
39) Acenaphthene-d10	14.610	164	762053	20.000	ng	0.00
64) Phenanthrene-d10	17.362	188	1546030	20.000	ng	0.00
76) Chrysene-d12	21.533	240	1290614	20.000	ng	-0.01
86) Perylene-d12	23.944	264	1247829	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	2027168	108.946	ng	0.00
7) Phenol-d6	7.110	99	2697784	104.422	ng	0.00
23) Nitrobenzene-d5	9.157	82	1638793	66.013	ng	0.00
42) 2,4,6-Tribromophenol	16.104	330	952396	100.167	ng	0.00
45) 2-Fluorobiphenyl	13.227	172	3523634	67.868	ng	0.00
79) Terphenyl-d14	19.968	244	5093596	71.880	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.410	88	306122	40.335	ng	98
3) Pyridine	3.816	79	847085	35.929	ng	99
4) n-Nitrosodimethylamine	3.740	42	511076	45.604	ng	99
6) Aniline	7.298	93	1336563	39.049	ng	99
8) 2-Chlorophenol	7.516	128	1059638	51.151	ng	99
9) Benzaldehyde	7.122	77	347673	23.804	ng	99
10) Phenol	7.140	94	1388061	52.342	ng	100
11) bis(2-Chloroethyl)ether	7.393	93	1022442	46.221	ng	99
12) 1,3-Dichlorobenzene	7.845	146	1065069	48.150	ng	98
13) 1,4-Dichlorobenzene	7.998	146	1091967	48.584	ng	100
14) 1,2-Dichlorobenzene	8.310	146	1050177	48.610	ng	99
15) Benzyl Alcohol	8.216	79	989252	48.501	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.487	45	1563374	46.212	ng	98
17) 2-Methylphenol	8.392	107	909512	47.166	ng	99
18) Hexachloroethane	9.028	117	401826	47.564	ng	98
19) n-Nitroso-di-n-propyla...	8.775	70	855211	44.531	ng	98
20) 3+4-Methylphenols	8.728	107	1226884	46.353	ng	99
22) Acetophenone	8.804	105	1550868	49.081	ng	# 100
24) Nitrobenzene	9.198	77	1209031	49.066	ng	100
25) Isophorone	9.710	82	2306814	47.079	ng	100
26) 2-Nitrophenol	9.898	139	567565	51.140	ng	100
27) 2,4-Dimethylphenol	9.934	122	929335	46.561	ng	99
28) bis(2-Chloroethoxy)met...	10.192	93	1402969	48.990	ng	100
29) 2,4-Dichlorophenol	10.416	162	1030604	53.355	ng	99
30) 1,2,4-Trichlorobenzene	10.628	180	1010027	50.930	ng	98
31) Naphthalene	10.833	128	3079294	48.391	ng	100
32) Benzoic acid	10.086	122	763497	48.549	ng	98
33) 4-Chloroaniline	10.957	127	869861	30.542	ng	99
34) Hexachlorobutadiene	11.057	225	588665	48.597	ng	100
35) Caprolactam	11.798	113	176454	25.560	ng	99
36) 4-Chloro-3-methylphenol	12.057	107	1083477	50.332	ng	97
37) 2-Methylnaphthalene	12.433	142	2130391	45.533	ng	100
38) 1-Methylnaphthalene	12.657	142	2082282	47.387	ng	99
40) 1,2,4,5-Tetrachloroben...	12.786	216	1098948	49.726	ng	99
41) Hexachlorocyclopentadiene	12.733	237	1300646	104.666	ng	99
43) 2,4,6-Trichlorophenol	13.033	196	791102	52.599	ng	100

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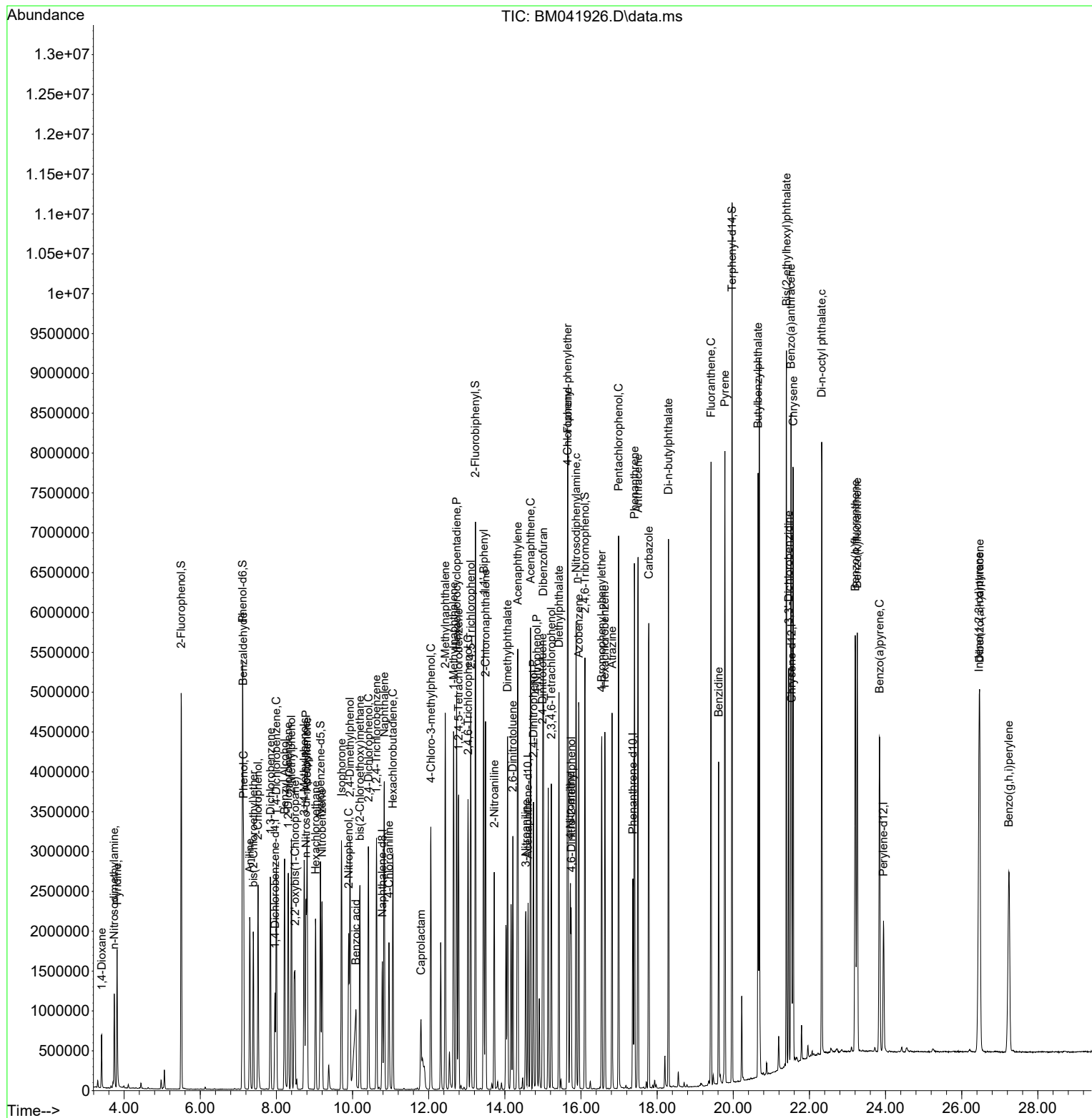
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44) 2,4,5-Trichlorophenol	13.104	196	853119	48.467	ng	99
46) 1,1'-Biphenyl	13.445	154	2832065	50.370	ng	99
47) 2-Chloronaphthalene	13.492	162	2153239	52.587	ng	100
48) 2-Nitroaniline	13.722	65	734733	50.217	ng	99
49) Acenaphthylene	14.339	152	3572071	52.567	ng	100
50) Dimethylphthalate	14.069	163	2736693	48.577	ng	100
51) 2,6-Dinitrotoluene	14.210	165	598784	50.154	ng	99
52) Acenaphthene	14.674	154	2010389	49.188	ng	99
53) 3-Nitroaniline	14.551	138	510334	38.190	ng	100
54) 2,4-Dinitrophenol	14.751	184	693425	92.997	ng	98
55) Dibenzofuran	15.010	168	3215048	48.731	ng	100
56) 4-Nitrophenol	14.839	139	1070551	101.013	ng	98
57) 2,4-Dinitrotoluene	14.992	165	789284	49.968	ng	98
58) Fluorene	15.657	166	2530062	48.643	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.221	232	710965	49.210	ng	99
60) Diethylphthalate	15.421	149	2654127	47.360	ng	99
61) 4-Chlorophenyl-phenyle...	15.645	204	1326110	48.598	ng	99
62) 4-Nitroaniline	15.721	138	593380	46.177	ng	100
63) Azobenzene	15.939	77	2765262	48.673	ng	98
65) 4,6-Dinitro-2-methylph...	15.745	198	419617	47.266	ng	98
66) n-Nitrosodiphenylamine	15.874	169	2230986	51.094	ng	99
67) 4-Bromophenyl-phenylether	16.545	248	797906	50.082	ng	99
68) Hexachlorobenzene	16.627	284	902584	53.508	ng	97
69) Atrazine	16.815	200	784495	57.614	ng	99
70) Pentachlorophenol	16.986	266	1204394	94.500	ng	99
71) Phenanthrene	17.404	178	3934980	51.034	ng	100
72) Anthracene	17.498	178	3957981	50.320	ng	100
73) Carbazole	17.780	167	3678098	50.998	ng	99
74) Di-n-butylphthalate	18.298	149	4691430	50.668	ng	100
75) Fluoranthene	19.415	202	4505496	49.773	ng	100
77) Benzidine	19.615	184	2113708	80.235	ng	100
78) Pyrene	19.780	202	4630714	51.565	ng	100
80) Butylbenzylphthalate	20.650	149	2038240	51.031	ng	98
81) Benzo(a)anthracene	21.515	228	4216701	50.095	ng	99
82) 3,3'-Dichlorobenzidine	21.456	252	1366011	46.081	ng	100
83) Chrysene	21.574	228	3801832	48.187	ng	100
84) Bis(2-ethylhexyl)phtha...	21.397	149	3003763	50.694	ng	100
85) Di-n-octyl phthalate	22.321	149	5077258	50.905	ng	100
87) Indeno(1,2,3-cd)pyrene	26.456	276	3822737	51.309	ng	100
88) Benzo(b)fluoranthene	23.203	252	3769358	51.740	ng	100
89) Benzo(k)fluoranthene	23.256	252	3622722	50.322	ng	100
90) Benzo(a)pyrene	23.844	252	3224660	47.172	ng	100
91) Dibenzo(a,h)anthracene	26.474	278	3219777	51.838	ng	100
92) Benzo(g,h,i)perylene	27.238	276	3005653	50.646	ng	98

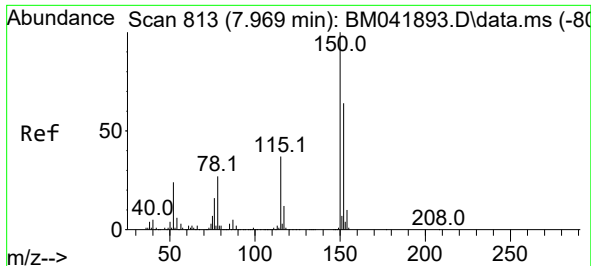
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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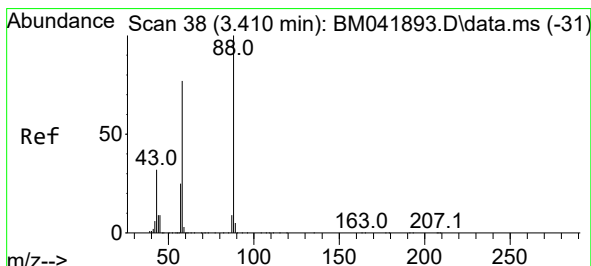
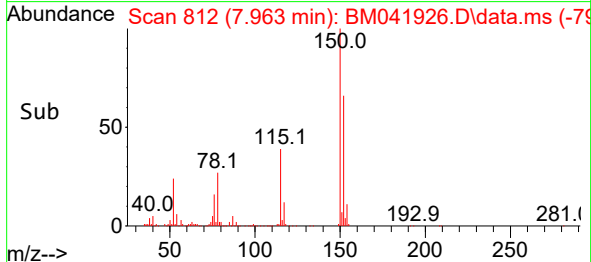
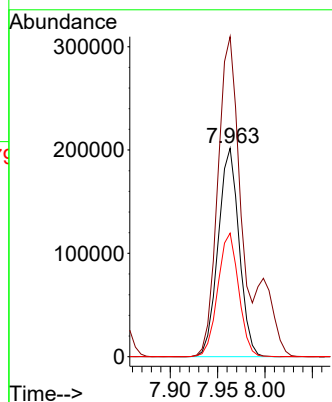
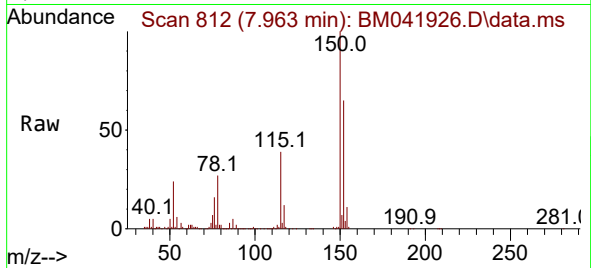




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.963 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BM041926.D
 Acq: 20 Sep 2023 05:17

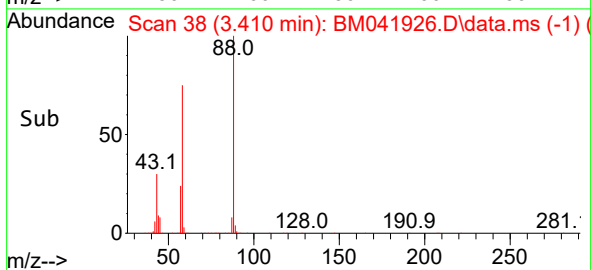
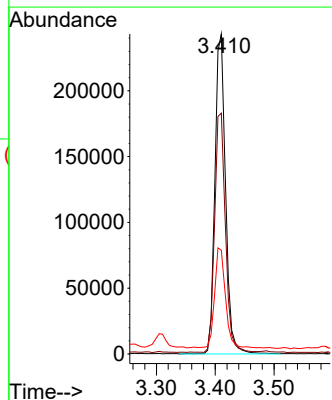
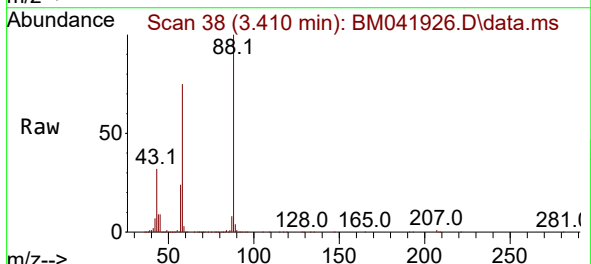
Instrument :
 BNA_M
 ClientSampleId :
 PILE-1MS

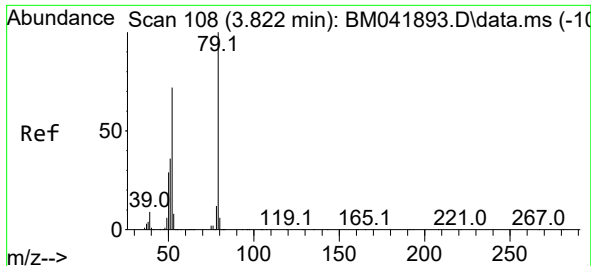
Tgt Ion:152 Resp: 309920
 Ion Ratio Lower Upper
 152 100
 150 153.5 125.9 188.9
 115 59.3 46.8 70.2



#2
 1,4-Dioxane
 Concen: 40.335 ng
 RT: 3.410 min Scan# 38
 Delta R.T. -0.000 min
 Lab File: BM041926.D
 Acq: 20 Sep 2023 05:17

Tgt Ion: 88 Resp: 306122
 Ion Ratio Lower Upper
 88 100
 58 75.7 62.4 93.6
 43 31.7 25.8 38.6

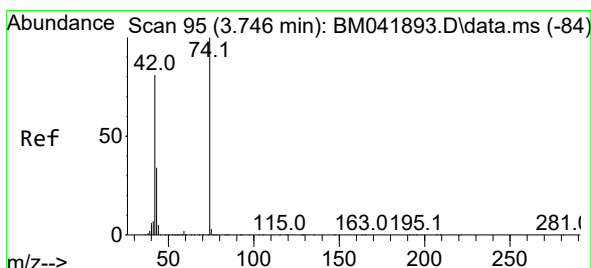
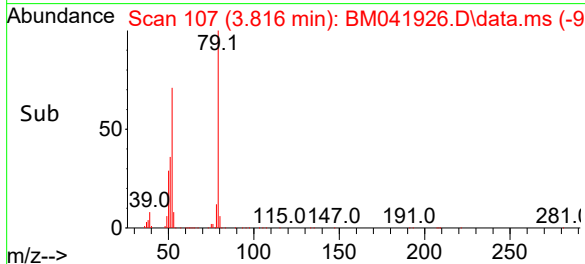
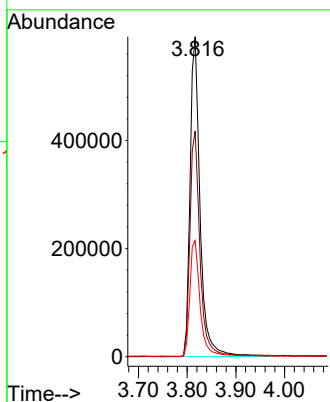
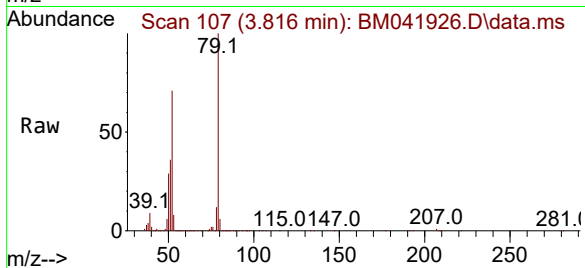




#3
Pyridine
Concen: 35.929 ng
RT: 3.816 min Scan# 108
Delta R.T. -0.006 min
Lab File: BM041926.D
Acq: 20 Sep 2023 05:17

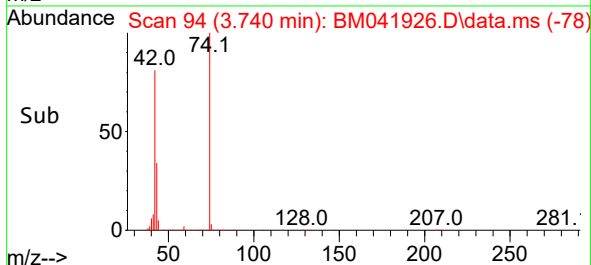
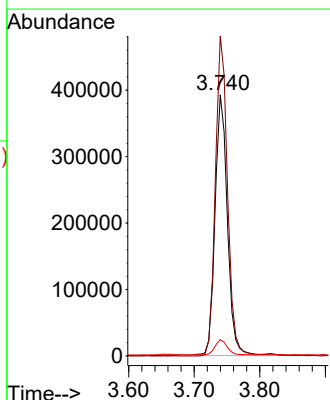
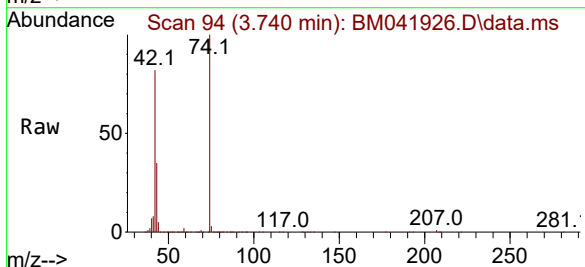
Instrument :
BNA_M
ClientSampleId :
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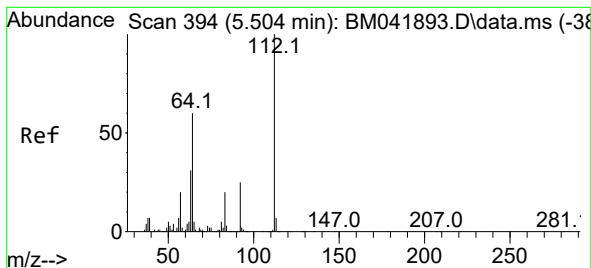
Tgt Ion: 79 Resp: 847085
Ion Ratio Lower Upper
79 100
52 70.6 57.2 85.8
51 36.3 28.9 43.3



#4
n-Nitrosodimethylamine
Concen: 45.604 ng
RT: 3.740 min Scan# 94
Delta R.T. -0.006 min
Lab File: BM041926.D
Acq: 20 Sep 2023 05:17

Tgt Ion: 42 Resp: 511076
Ion Ratio Lower Upper
42 100
74 122.6 98.8 148.2
44 6.3 5.1 7.7

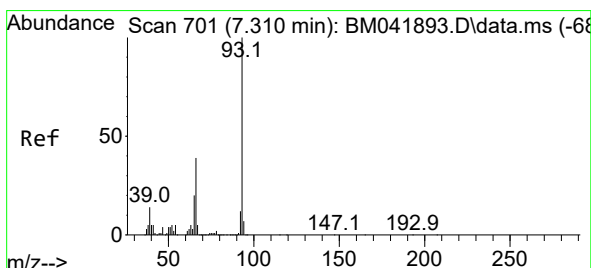
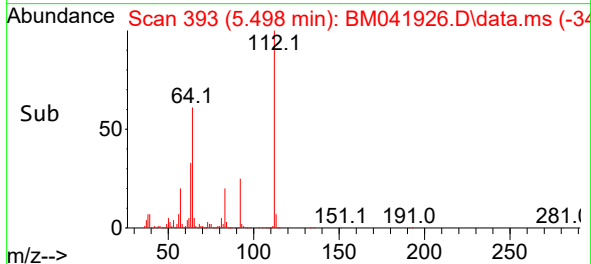
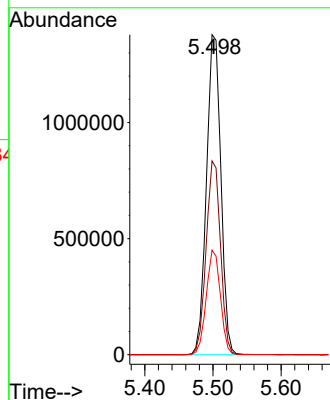
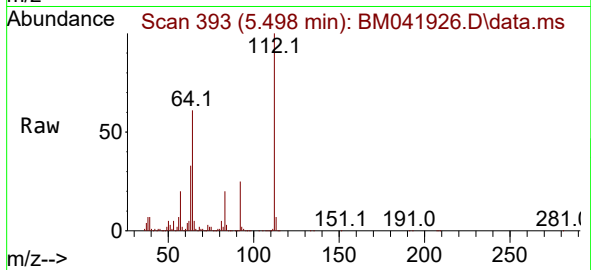




#5
2-Fluorophenol
Concen: 108.946 ng
RT: 5.498 min Scan# 394
Delta R.T. -0.006 min
Lab File: BM041926.D
Acq: 20 Sep 2023 05:17

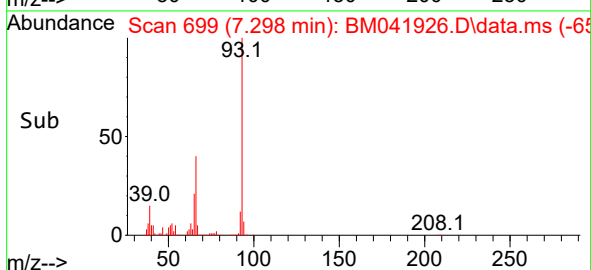
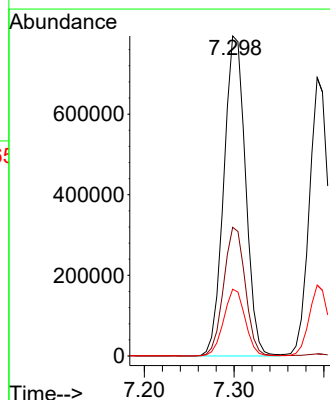
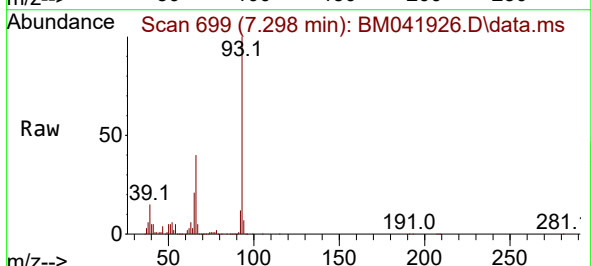
Instrument :
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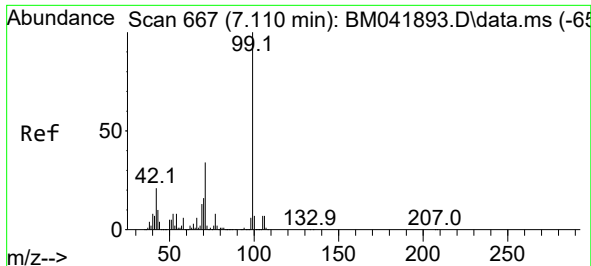
Tgt Ion:112 Resp: 2027168
Ion Ratio Lower Upper
112 100
64 60.5 48.1 72.1
63 32.7 25.0 37.6



#6
Aniline
Concen: 39.049 ng
RT: 7.298 min Scan# 699
Delta R.T. -0.012 min
Lab File: BM041926.D
Acq: 20 Sep 2023 05:17

Tgt Ion: 93 Resp: 1336563
Ion Ratio Lower Upper
93 100
66 40.2 31.4 47.2
65 20.8 16.2 24.4



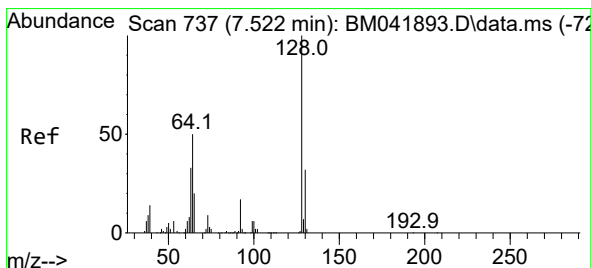
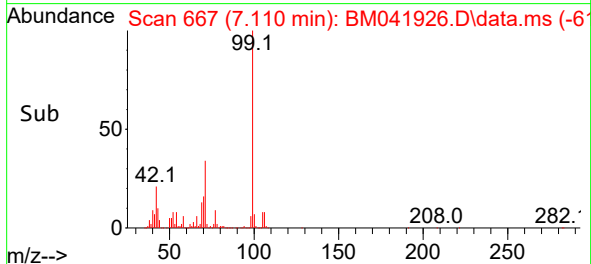
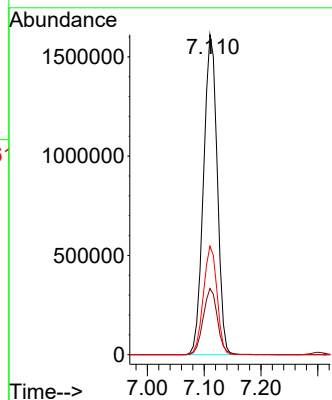
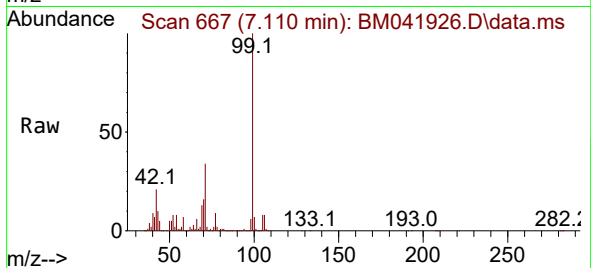


#7
Phenol-d6
Concen: 104.422 ng
RT: 7.110 min Scan# 60
Delta R.T. -0.000 min
Lab File: BM041926.D
Acq: 20 Sep 2023 05:17

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Tgt Ion: 99 Resp: 2697784

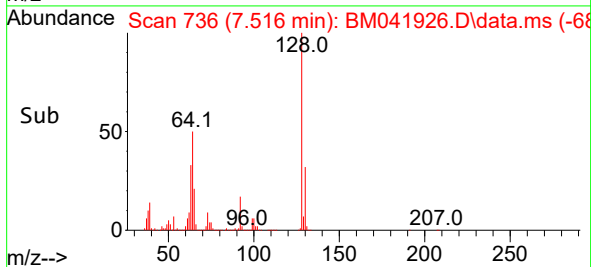
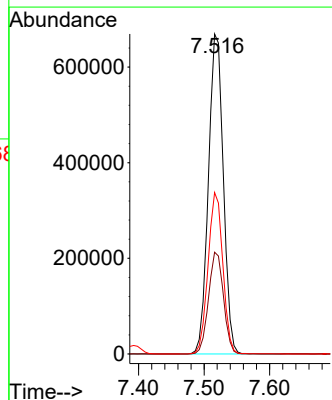
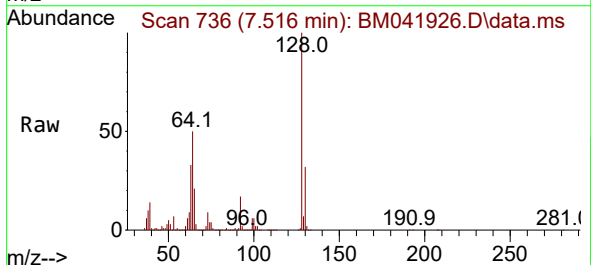
Ion	Ratio	Lower	Upper
99	100		
42	20.7	16.6	25.0
71	33.9	26.8	40.2

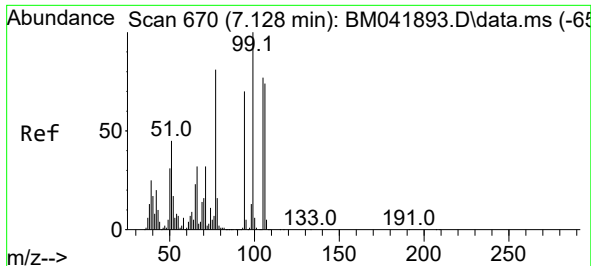


#8
2-Chlorophenol
Concen: 51.151 ng
RT: 7.516 min Scan# 736
Delta R.T. -0.006 min
Lab File: BM041926.D
Acq: 20 Sep 2023 05:17

Tgt Ion:128 Resp: 1059638

Ion	Ratio	Lower	Upper
128	100		
130	31.8	12.4	52.4
64	50.5	31.7	71.7

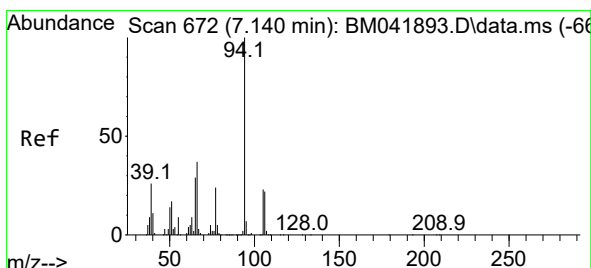
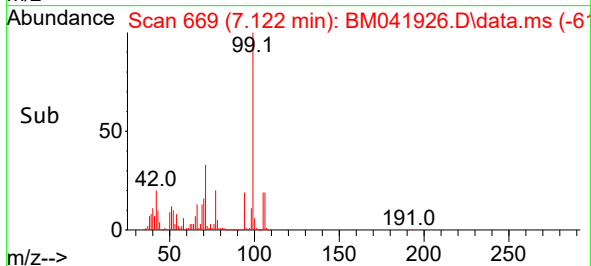
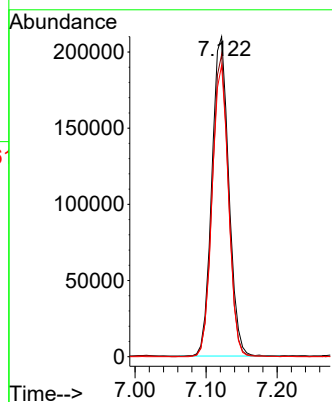
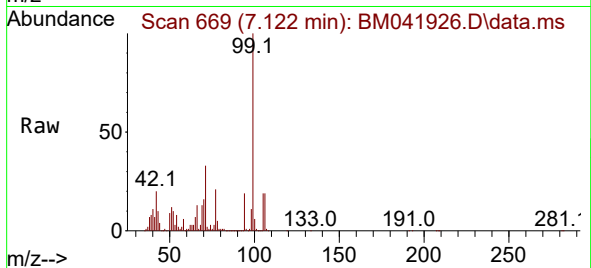




#9
Benzaldehyde
Concen: 23.804 ng
RT: 7.122 min Scan# 669
Delta R.T. -0.006 min
Lab File: BM041926.D
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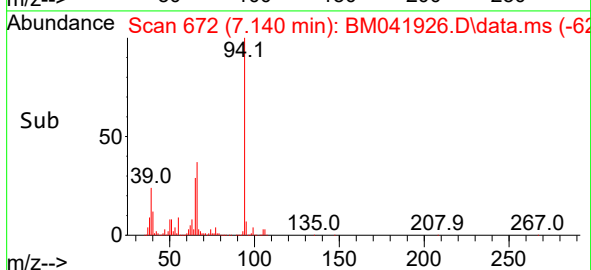
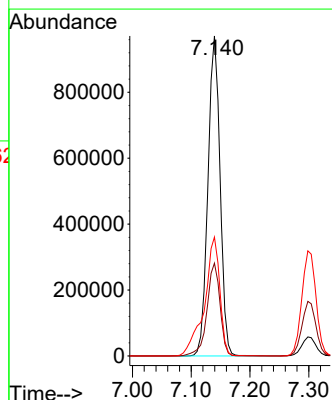
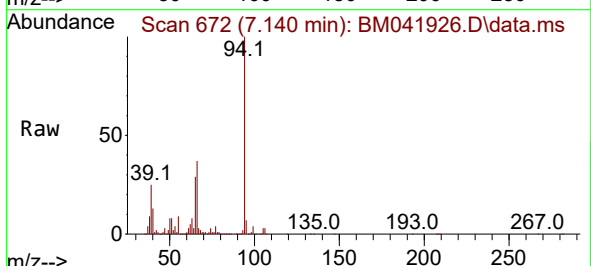
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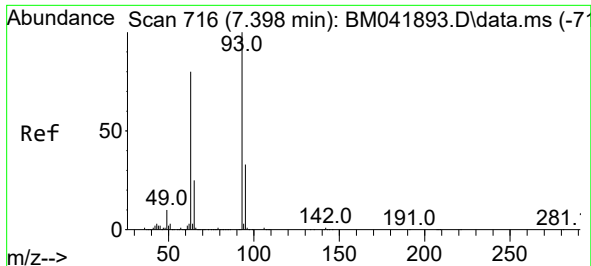
Tgt Ion: 77 Resp: 347673
Ion Ratio Lower Upper
77 100
105 94.4 75.1 115.1
106 91.1 71.6 111.6



#10
Phenol
Concen: 52.342 ng
RT: 7.140 min Scan# 672
Delta R.T. -0.000 min
Lab File: BM041926.D
Acq: 20 Sep 2023 05:17

Tgt Ion: 94 Resp: 1388061
Ion Ratio Lower Upper
94 100
65 29.0 9.1 49.1
66 37.2 17.3 57.3

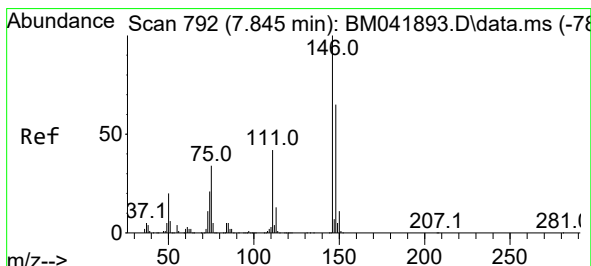
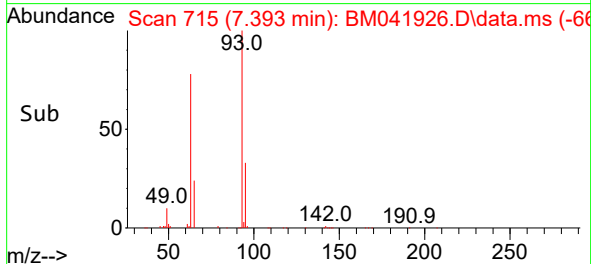
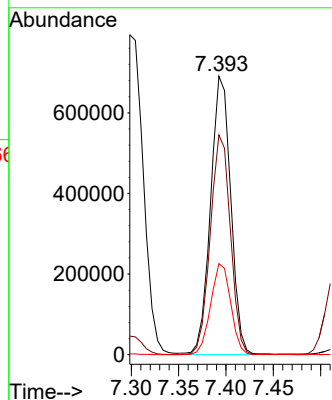
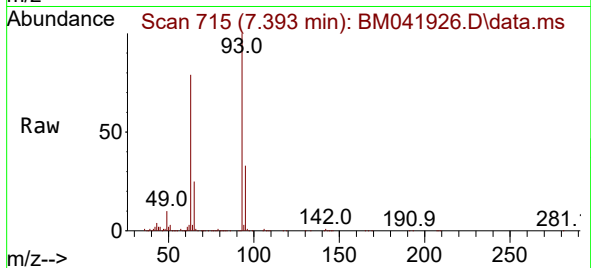




#11
bis(2-Chloroethyl)ether
Concen: 46.221 ng
RT: 7.393 min Scan# 716
Delta R.T. -0.006 min
Lab File: BM041926.D
Acq: 20 Sep 2023 05:17

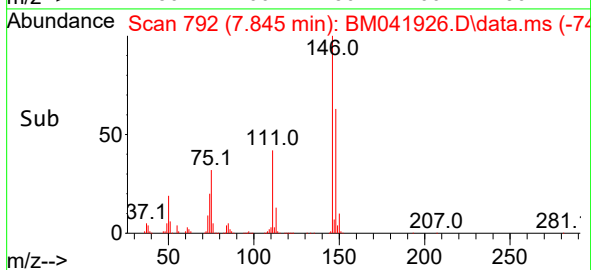
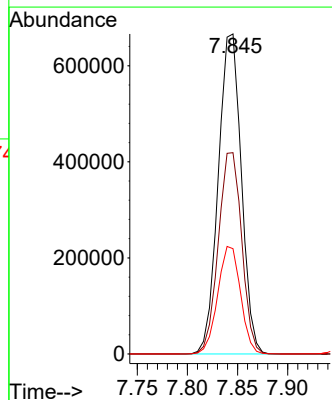
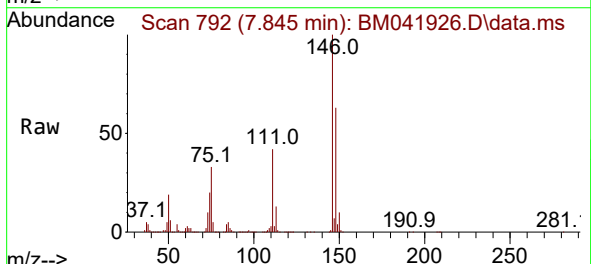
Instrument :
BNA_M
ClientSampleId :
PILE-1MS

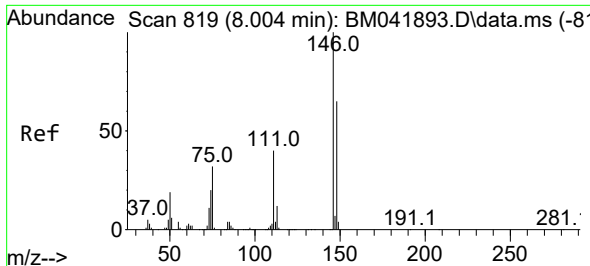
Tgt Ion: 93 Resp: 1022442
Ion Ratio Lower Upper
93 100
63 78.9 59.5 99.5
95 32.7 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 48.150 ng
RT: 7.845 min Scan# 792
Delta R.T. -0.000 min
Lab File: BM041926.D
Acq: 20 Sep 2023 05:17

Tgt Ion:146 Resp: 1065069
Ion Ratio Lower Upper
146 100
148 62.9 51.7 77.5
75 32.9 27.2 40.8

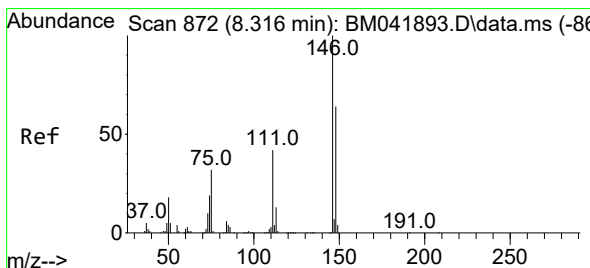
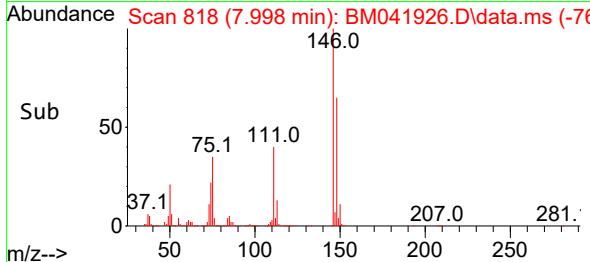
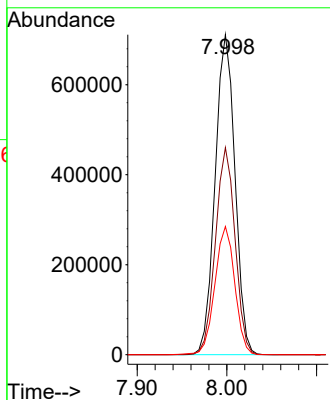
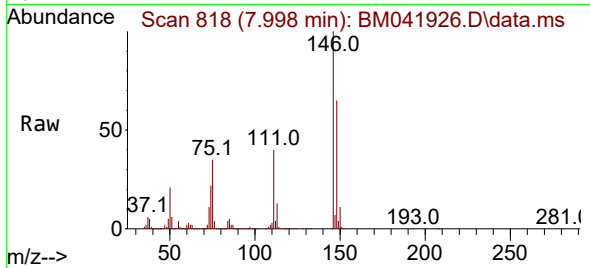




#13
1,4-Dichlorobenzene
Concen: 48.584 ng
RT: 7.998 min Scan# 819
Delta R.T. -0.006 min
Lab File: BM041926.D
Acq: 20 Sep 2023 05:17

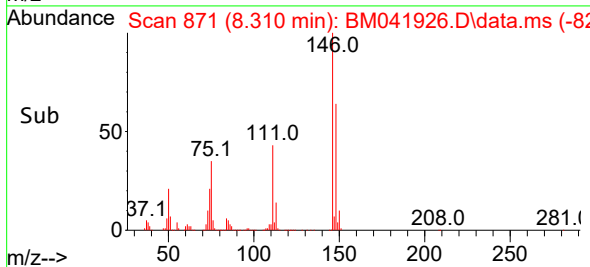
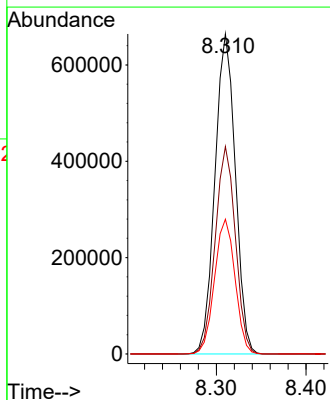
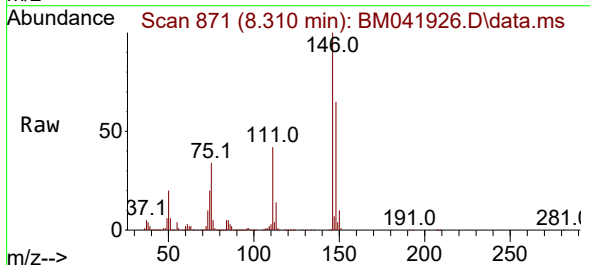
Instrument :
BNA_M
ClientSampleId :
PILE-1MS

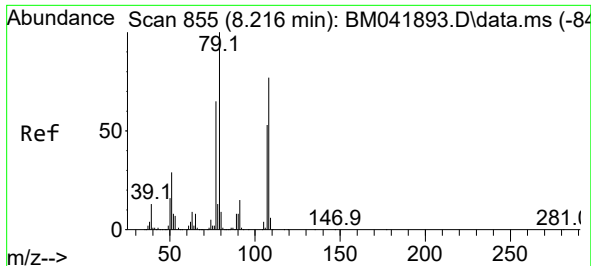
Tgt Ion:146 Resp: 1091967
Ion Ratio Lower Upper
146 100
148 64.7 51.9 77.9
111 40.1 32.1 48.1



#14
1,2-Dichlorobenzene
Concen: 48.610 ng
RT: 8.310 min Scan# 871
Delta R.T. -0.006 min
Lab File: BM041926.D
Acq: 20 Sep 2023 05:17

Tgt Ion:146 Resp: 1050177
Ion Ratio Lower Upper
146 100
148 64.8 51.5 77.3
111 42.1 34.0 51.0

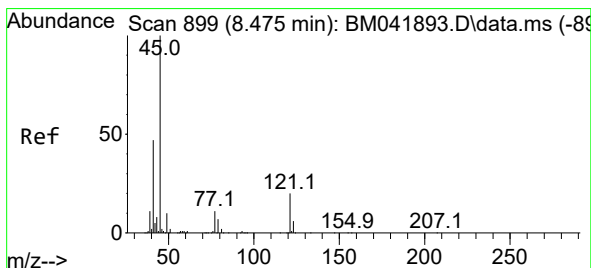
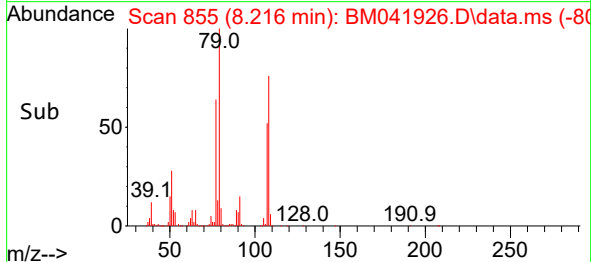
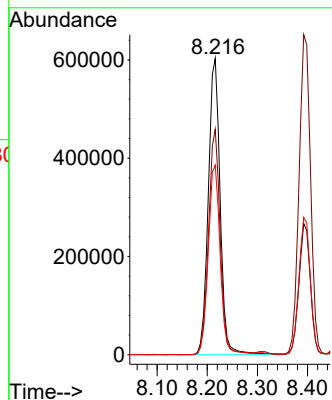
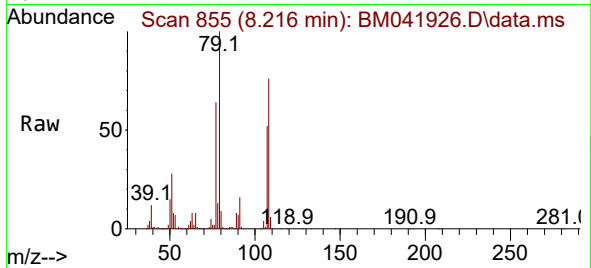




#15
Benzyl Alcohol
Concen: 48.501 ng
RT: 8.216 min Scan# 81
Delta R.T. -0.000 min
Lab File: BM041926.D
Acq: 20 Sep 2023 05:17

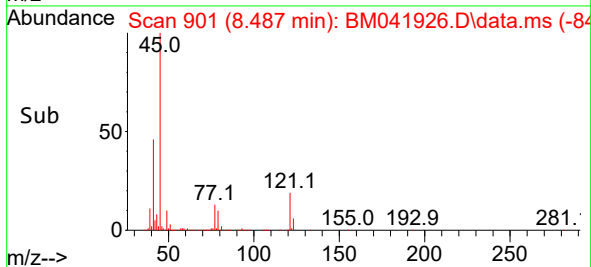
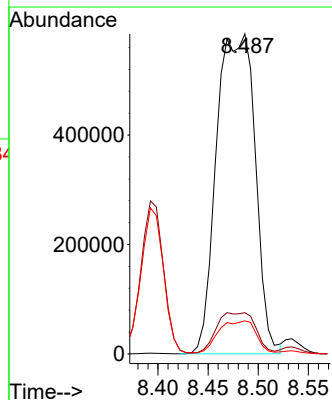
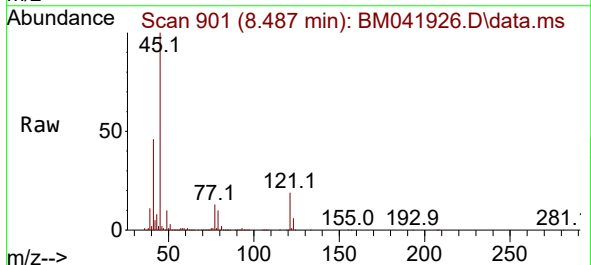
Instrument :
BNA_M
ClientSampleId :
PILE-1MS

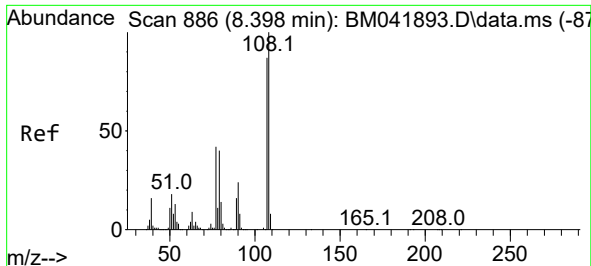
Tgt Ion: 79 Resp: 989252
Ion Ratio Lower Upper
79 100
108 76.1 61.4 92.0
77 64.0 52.0 78.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.212 ng
RT: 8.487 min Scan# 901
Delta R.T. 0.012 min
Lab File: BM041926.D
Acq: 20 Sep 2023 05:17

Tgt Ion: 45 Resp: 1563374
Ion Ratio Lower Upper
45 100
77 12.9 0.0 33.4
79 10.3 0.0 29.6

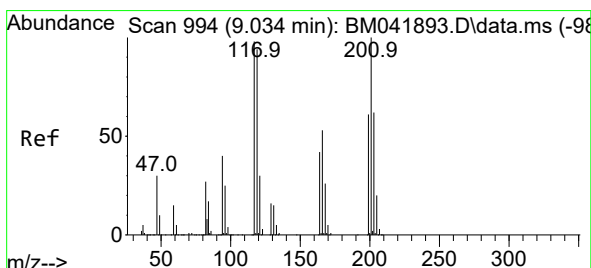
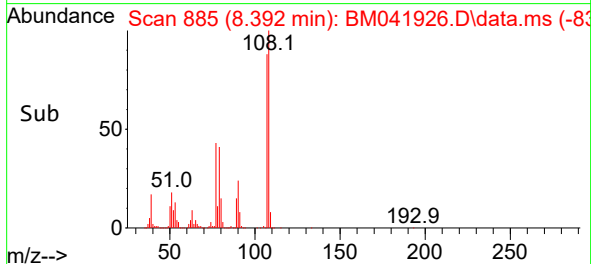
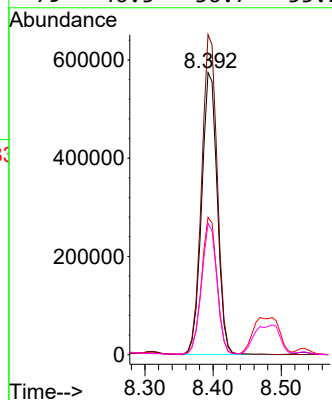
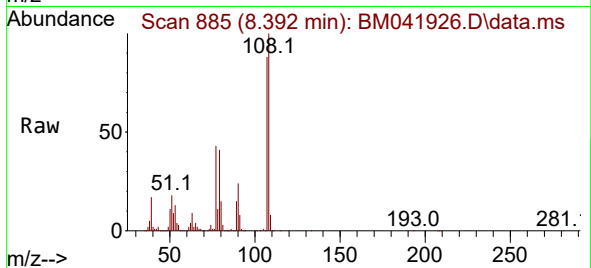




#17
2-Methylphenol
Concen: 47.166 ng
RT: 8.392 min Scan# 885
Delta R.T. -0.006 min
Lab File: BM041926.D
Acq: 20 Sep 2023 05:17

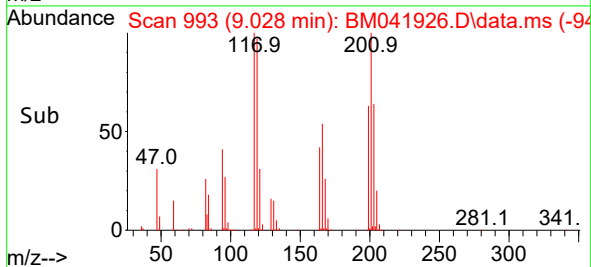
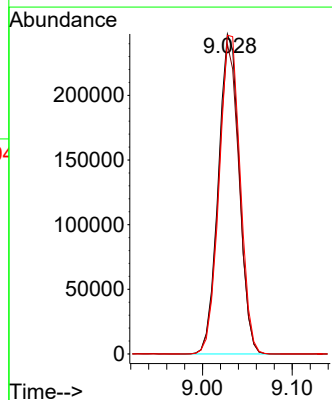
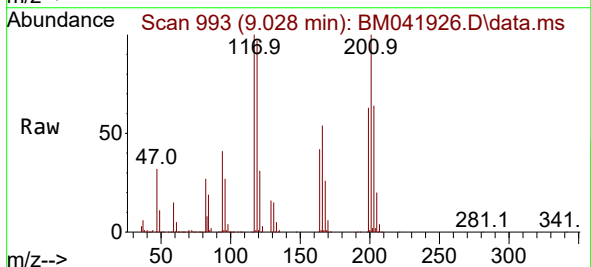
Instrument :
BNA_M
ClientSampleId :
PILE-1MS

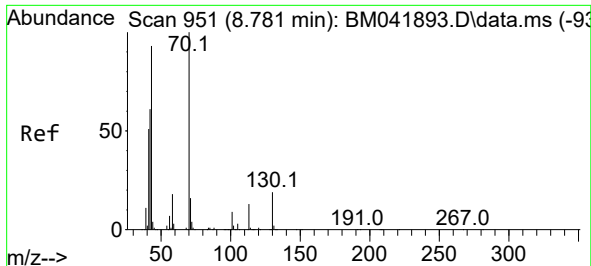
Tgt Ion:107 Resp: 909512
Ion Ratio Lower Upper
107 100
108 113.5 91.9 137.9
77 48.7 39.0 58.6
79 46.5 36.7 55.1



#18
Hexachloroethane
Concen: 47.564 ng
RT: 9.028 min Scan# 993
Delta R.T. -0.006 min
Lab File: BM041926.D
Acq: 20 Sep 2023 05:17

Tgt Ion:117 Resp: 401826
Ion Ratio Lower Upper
117 100
119 96.8 77.2 115.8
201 99.6 81.9 122.9





#19

n-Nitroso-di-n-propylamine

Concen: 44.531 ng

RT: 8.775 min Scan# 91

Delta R.T. -0.006 min

Lab File: BM041926.D

Acq: 20 Sep 2023 05:17

Instrument :

BNA_M

ClientSampleId :

PILE-1MS

Tgt Ion: 70 Resp: 855211

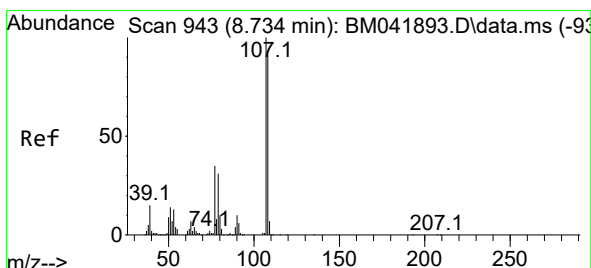
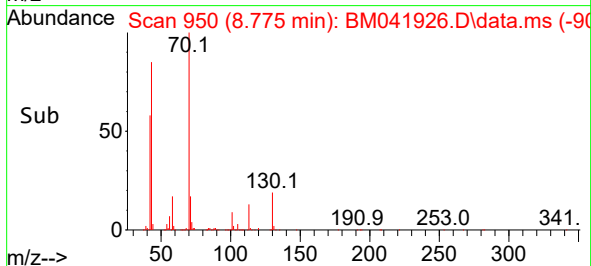
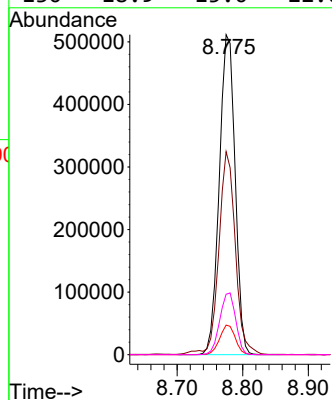
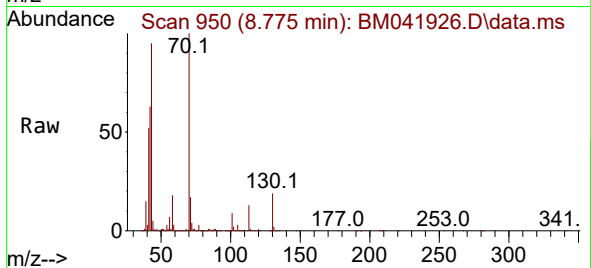
Ion Ratio Lower Upper

70 100

42 63.4 49.2 73.8

101 9.3 7.0 10.6

130 18.9 15.0 22.6



#20

3+4-Methylphenols

Concen: 46.353 ng

RT: 8.728 min Scan# 942

Delta R.T. -0.006 min

Lab File: BM041926.D

Acq: 20 Sep 2023 05:17

Tgt Ion:107 Resp: 1226884

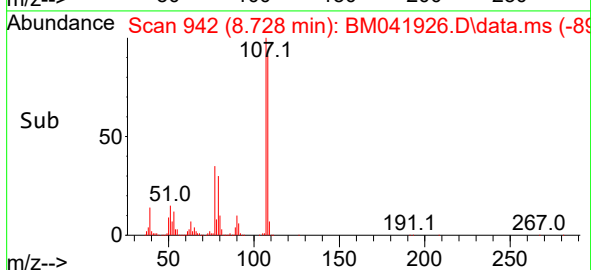
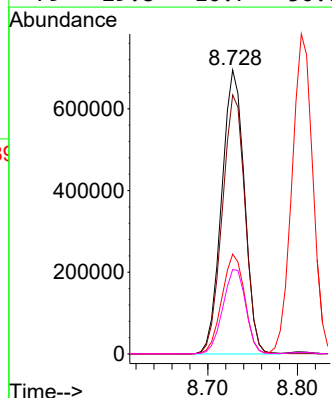
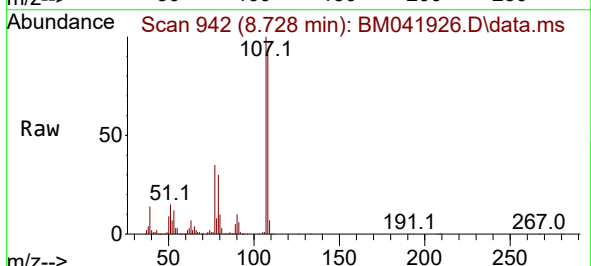
Ion Ratio Lower Upper

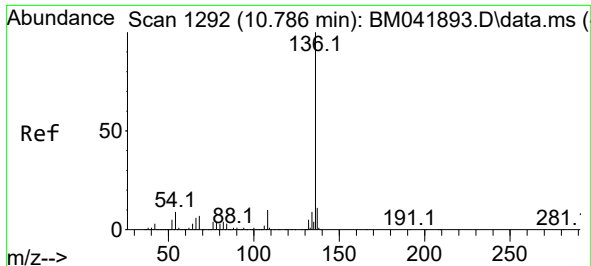
107 100

108 91.2 71.5 111.5

77 35.1 14.9 54.9

79 29.8 10.7 50.7

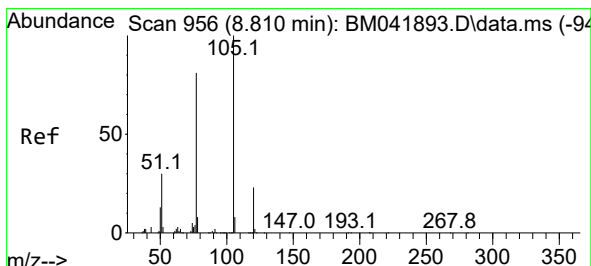
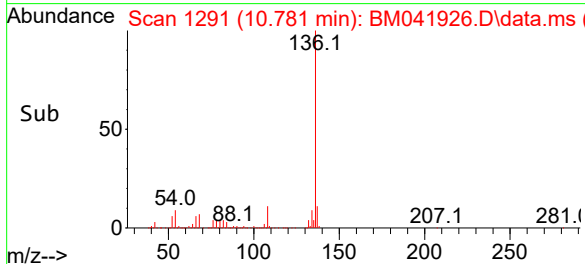
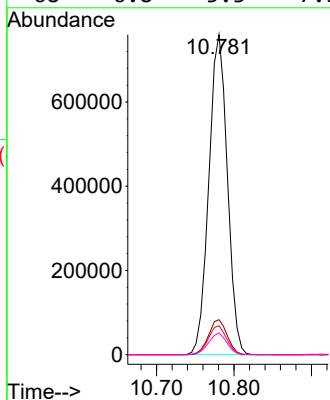
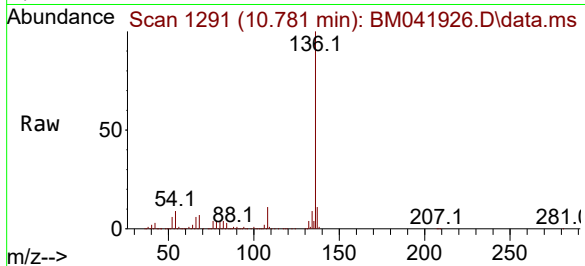




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.781 min Scan# 1291
Delta R.T. -0.006 min
Lab File: BM041926.D
Acq: 20 Sep 2023 05:17

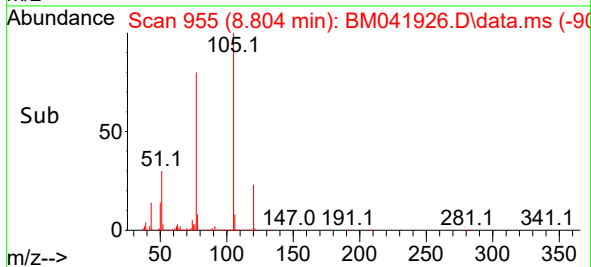
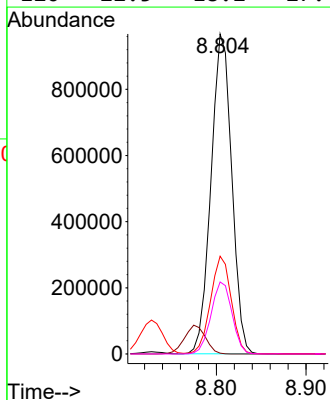
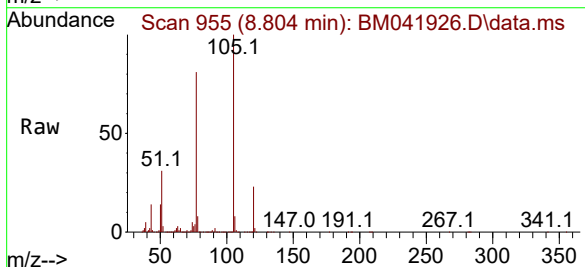
Instrument :
BNA_M
ClientSampleId :
PILE-1MS

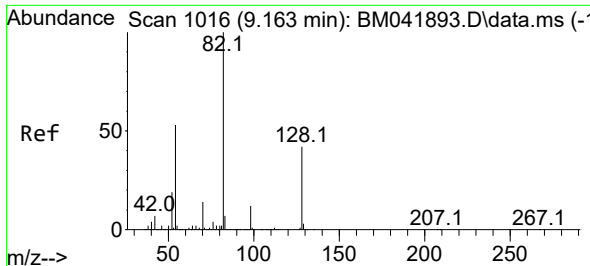
Tgt Ion:136 Resp: 1263995
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 9.0 7.0 10.4
68 6.8 5.3 7.9



#22
Acetophenone
Concen: 49.081 ng
RT: 8.804 min Scan# 955
Delta R.T. -0.006 min
Lab File: BM041926.D
Acq: 20 Sep 2023 05:17

Tgt Ion:105 Resp: 1550868
Ion Ratio Lower Upper
105 100
71 0.3 0.2 0.2#
51 30.5 24.3 36.5
120 22.5 18.2 27.4

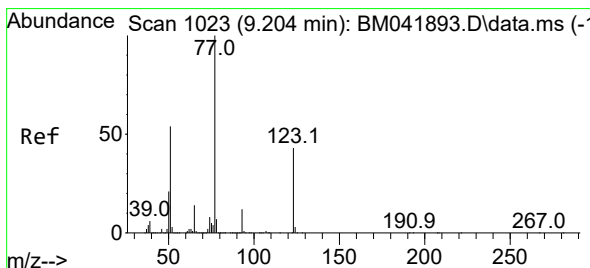
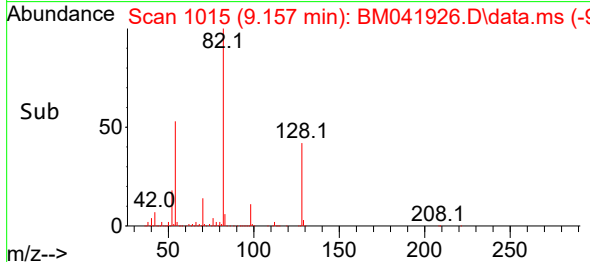
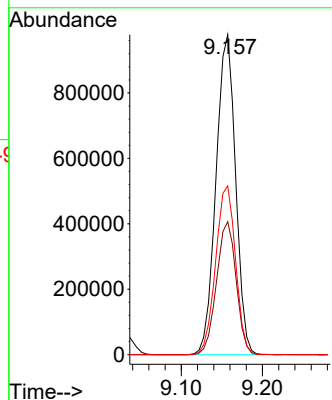
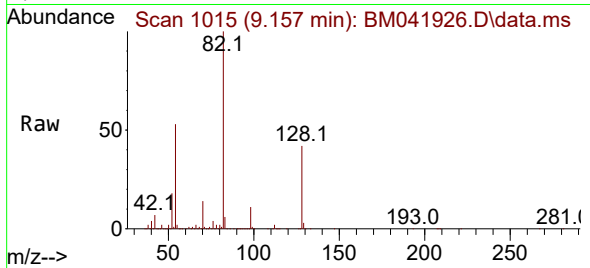




#23
Nitrobenzene-d5
Concen: 66.013 ng
RT: 9.157 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BM041926.D
Acq: 20 Sep 2023 05:17

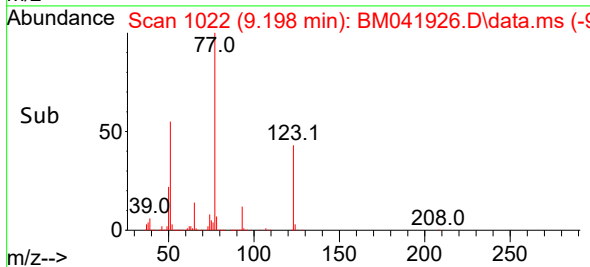
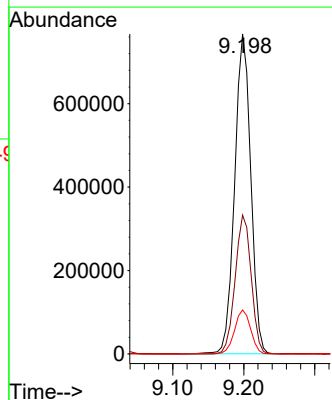
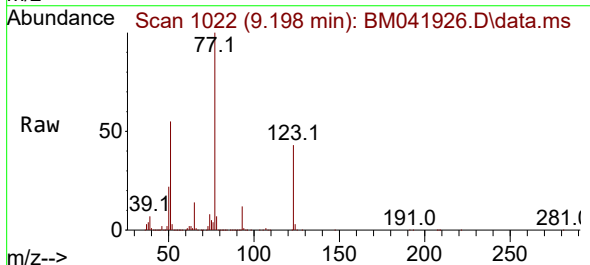
Instrument :
BNA_M
ClientSampleId :
PILE-1MS

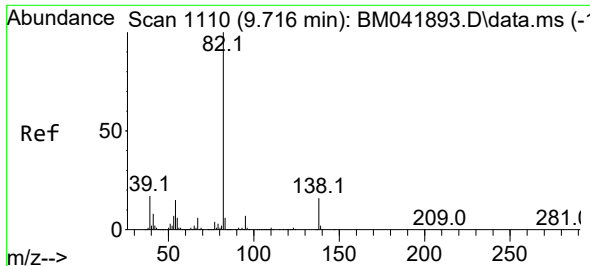
Tgt Ion: 82 Resp: 1638793
Ion Ratio Lower Upper
82 100
128 41.5 33.8 50.6
54 52.8 42.8 64.2



#24
Nitrobenzene
Concen: 49.066 ng
RT: 9.198 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BM041926.D
Acq: 20 Sep 2023 05:17

Tgt Ion: 77 Resp: 1209031
Ion Ratio Lower Upper
77 100
123 43.4 34.6 52.0
65 13.8 11.1 16.7

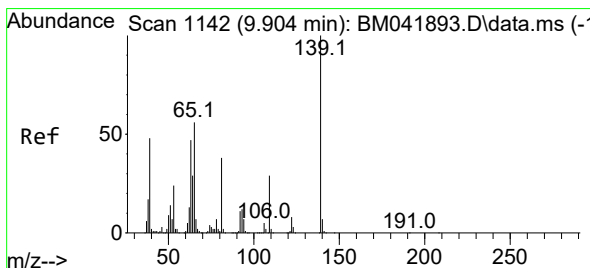
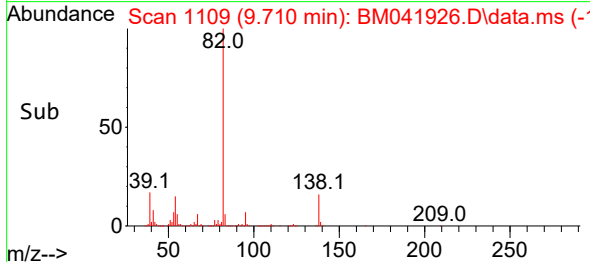
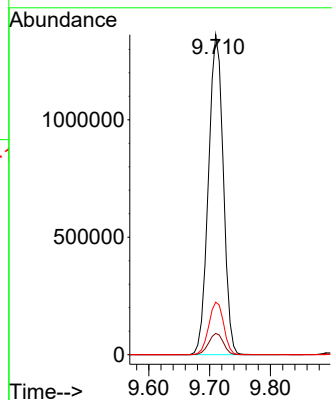
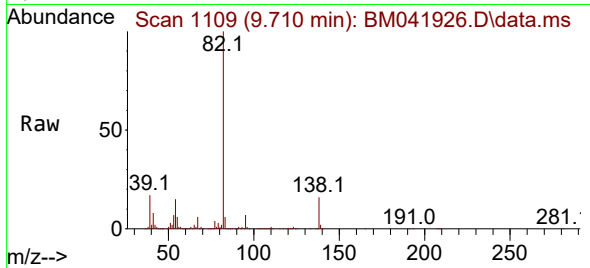




#25
Isophorone
Concen: 47.079 ng
RT: 9.710 min Scan# 1110
Delta R.T. -0.006 min
Lab File: BM041926.D
Acq: 20 Sep 2023 05:17

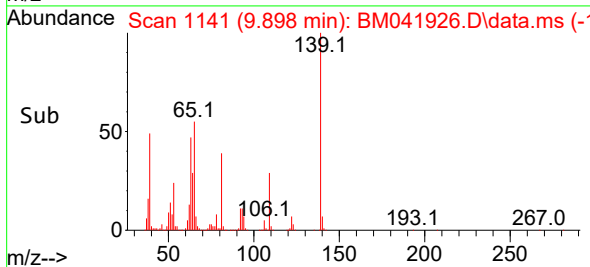
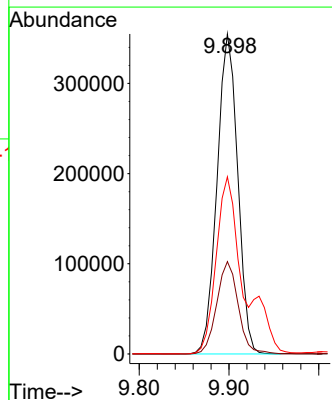
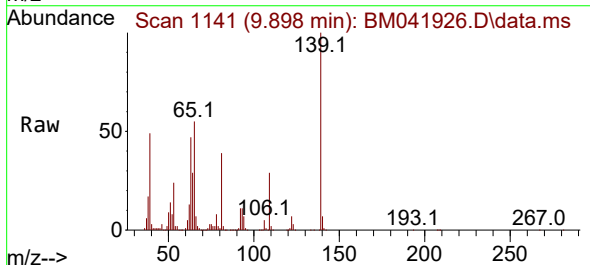
Instrument :
BNA_M
ClientSampleId :
PILE-1MS

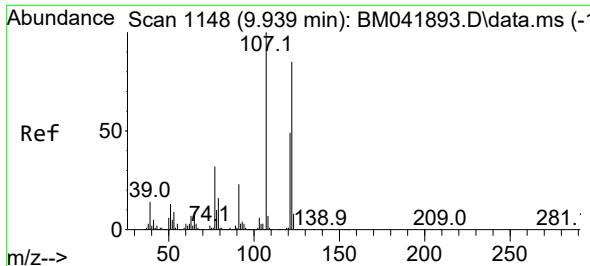
Tgt Ion: 82 Resp: 2306814
Ion Ratio Lower Upper
82 100
95 6.6 5.4 8.0
138 16.4 13.1 19.7



#26
2-Nitrophenol
Concen: 51.140 ng
RT: 9.898 min Scan# 1141
Delta R.T. -0.006 min
Lab File: BM041926.D
Acq: 20 Sep 2023 05:17

Tgt Ion:139 Resp: 567565
Ion Ratio Lower Upper
139 100
109 28.8 23.0 34.4
65 55.3 44.5 66.7

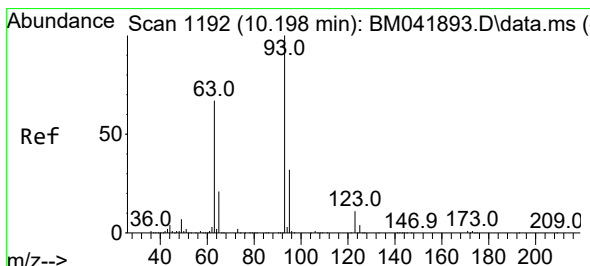
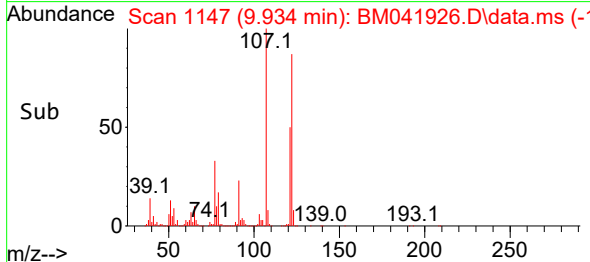
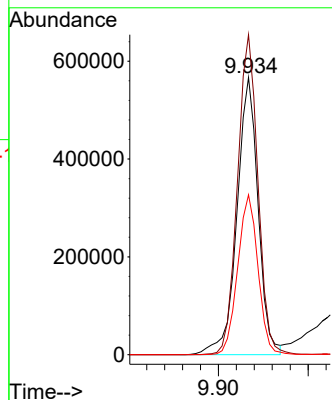
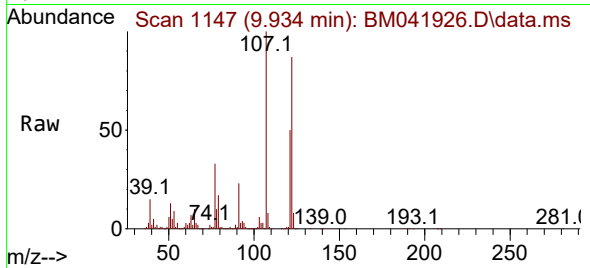




#27
2,4-Dimethylphenol
Concen: 46.561 ng
RT: 9.934 min Scan# 1147
Delta R.T. -0.006 min
Lab File: BM041926.D
Acq: 20 Sep 2023 05:17

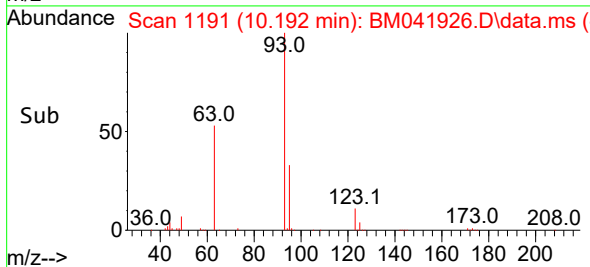
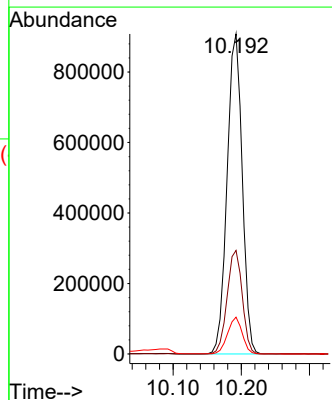
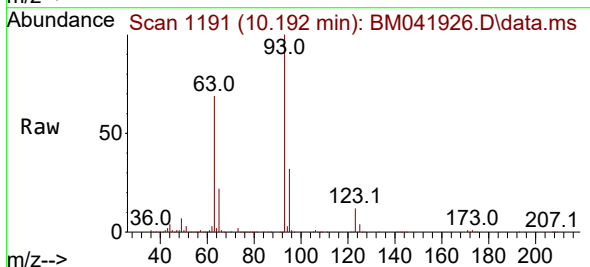
Instrument :
BNA_M
ClientSampleId :
PILE-1MS

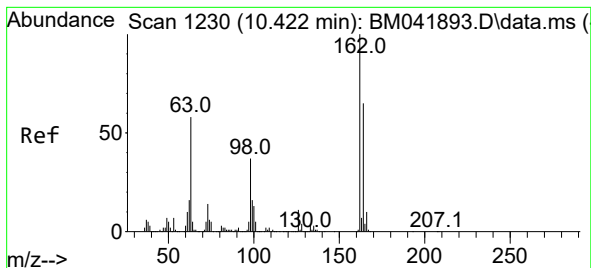
Tgt Ion:122 Resp: 929335
Ion Ratio Lower Upper
122 100
107 115.4 93.8 140.6
121 57.6 46.4 69.6



#28
bis(2-Chloroethoxy)methane
Concen: 48.990 ng
RT: 10.192 min Scan# 1191
Delta R.T. -0.006 min
Lab File: BM041926.D
Acq: 20 Sep 2023 05:17

Tgt Ion: 93 Resp: 1402969
Ion Ratio Lower Upper
93 100
95 32.4 25.9 38.9
123 11.5 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 53.355 ng

RT: 10.416 min Scan# 1229

Delta R.T. -0.006 min

Lab File: BM041926.D

Acq: 20 Sep 2023 05:17

Instrument :

BNA_M

ClientSampleId :

PILE-1MS

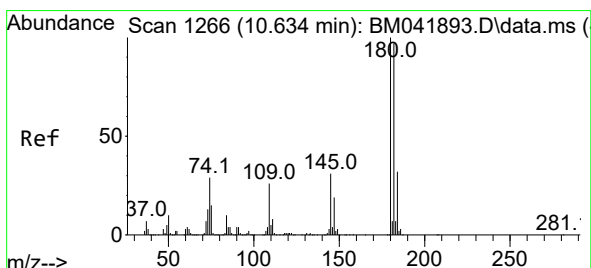
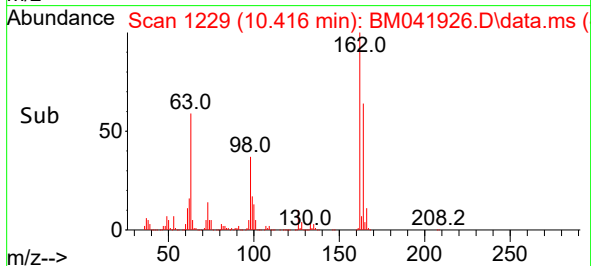
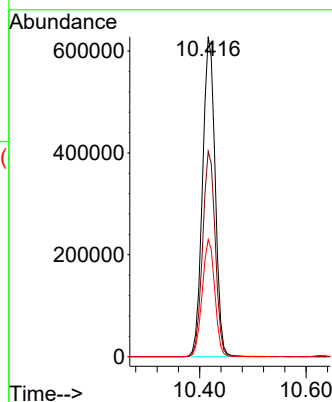
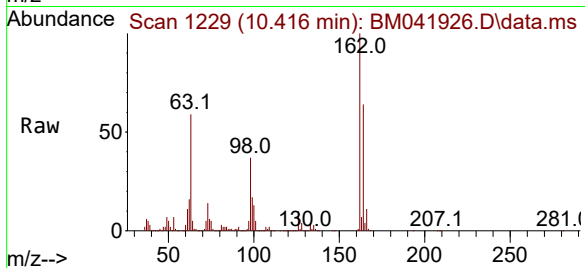
Tgt Ion:162 Resp: 1030604

Ion Ratio Lower Upper

162 100

164 64.2 45.2 85.2

98 36.6 16.7 56.7



#30

1,2,4-Trichlorobenzene

Concen: 50.930 ng

RT: 10.628 min Scan# 1265

Delta R.T. -0.006 min

Lab File: BM041926.D

Acq: 20 Sep 2023 05:17

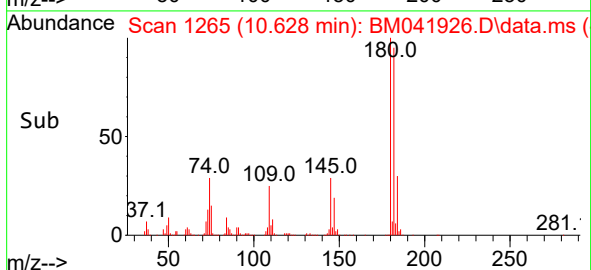
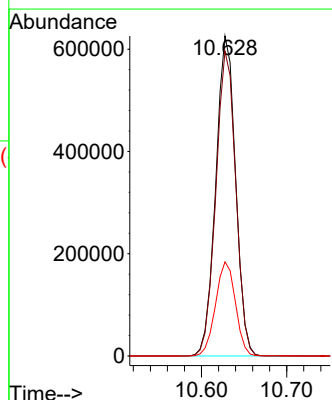
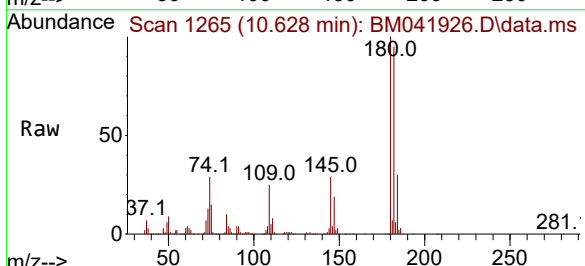
Tgt Ion:180 Resp: 1010027

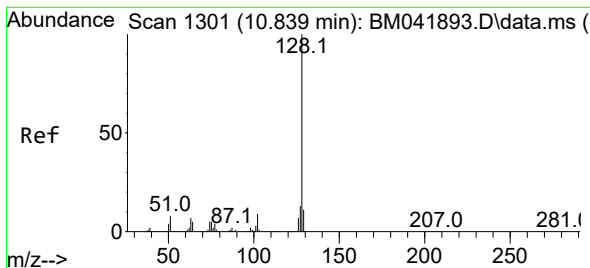
Ion Ratio Lower Upper

180 100

182 95.2 77.7 116.5

145 29.4 24.6 37.0

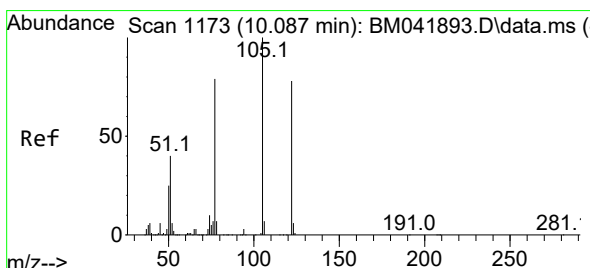
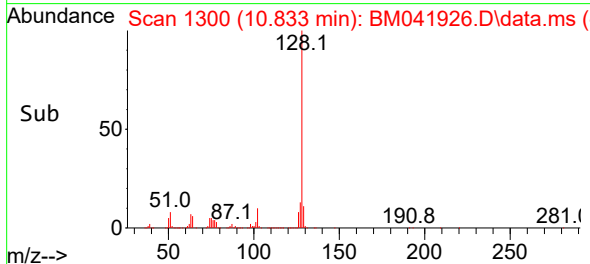
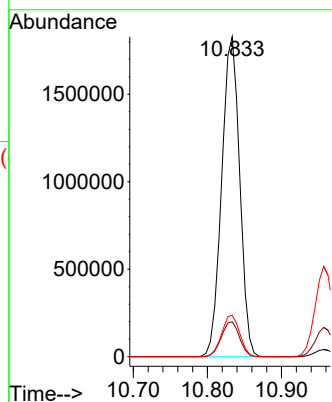
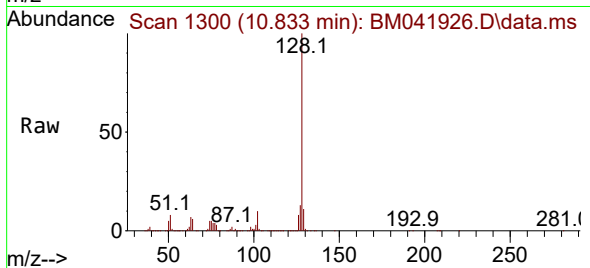




#31
Naphthalene
Concen: 48.391 ng
RT: 10.833 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM041926.D
Acq: 20 Sep 2023 05:17

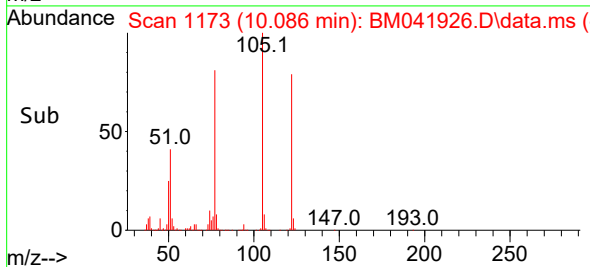
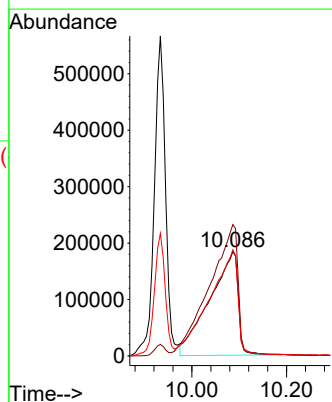
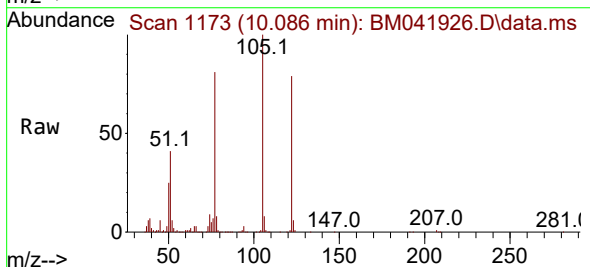
Instrument :
BNA_M
ClientSampleId :
PILE-1MS

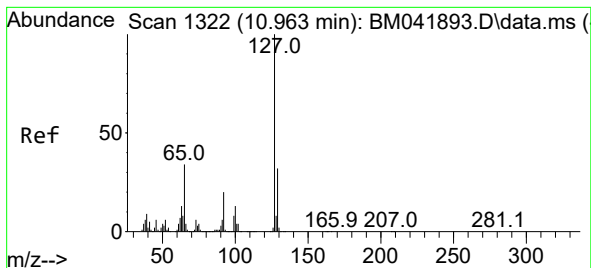
Tgt Ion:128 Resp: 3079294
Ion Ratio Lower Upper
128 100
129 10.9 8.7 13.1
127 13.0 10.4 15.6



#32
Benzoic acid
Concen: 48.549 ng
RT: 10.086 min Scan# 1173
Delta R.T. -0.000 min
Lab File: BM041926.D
Acq: 20 Sep 2023 05:17

Tgt Ion:122 Resp: 763497
Ion Ratio Lower Upper
122 100
105 125.9 103.7 143.7
77 101.7 79.3 119.3





#33

4-Chloroaniline

Concen: 30.542 ng

RT: 10.957 min Scan# 11

Delta R.T. -0.006 min

Lab File: BM041926.D

Acq: 20 Sep 2023 05:17

Instrument :

BNA_M

ClientSampleId :

PILE-1MS

Tgt Ion:127 Resp: 869861

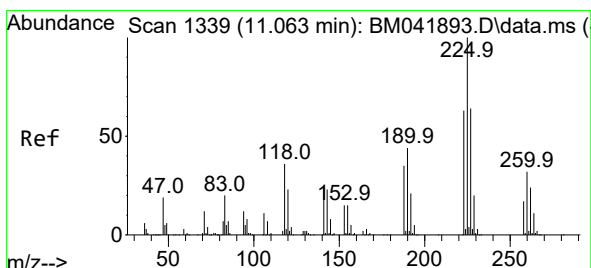
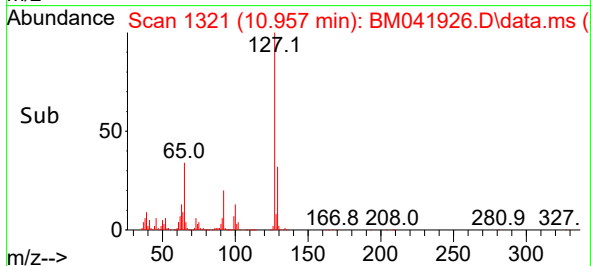
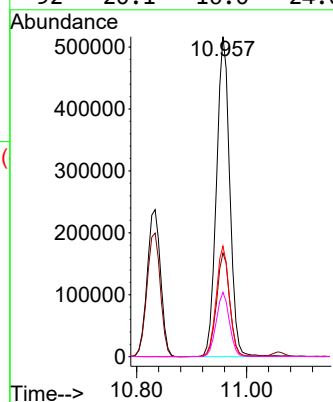
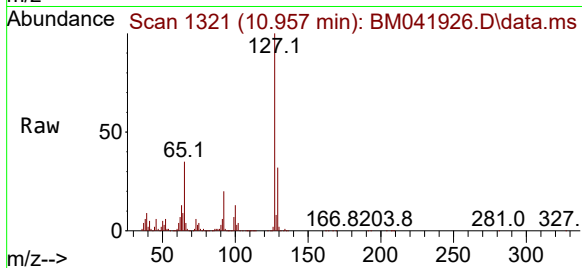
Ion Ratio Lower Upper

127 100

129 32.4 25.7 38.5

65 34.5 27.3 40.9

92 20.1 16.0 24.0



#34

Hexachlorobutadiene

Concen: 48.597 ng

RT: 11.057 min Scan# 1338

Delta R.T. -0.006 min

Lab File: BM041926.D

Acq: 20 Sep 2023 05:17

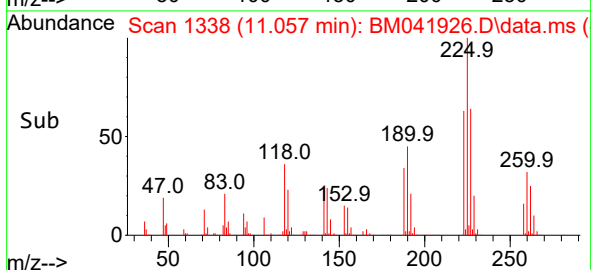
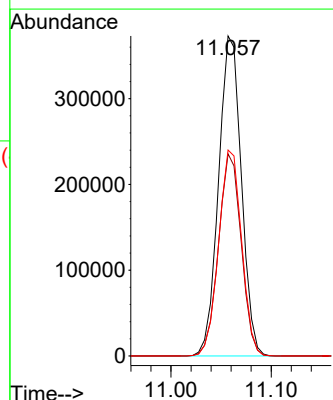
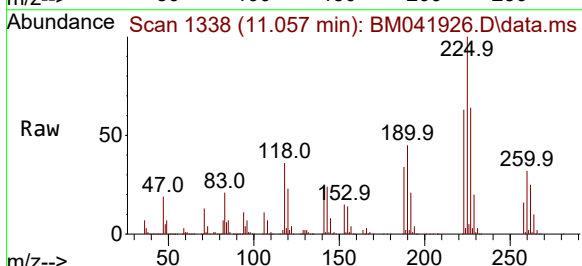
Tgt Ion:225 Resp: 588665

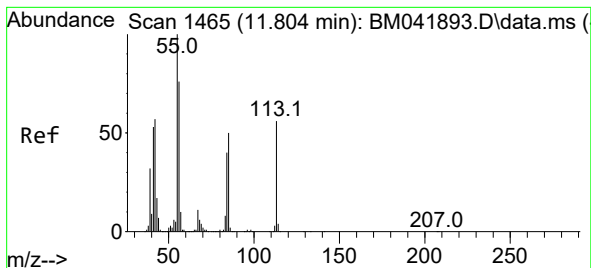
Ion Ratio Lower Upper

225 100

223 63.1 50.7 76.1

227 64.4 51.4 77.0





#35

Caprolactam

Concen: 25.560 ng

RT: 11.798 min Scan# 1464

Delta R.T. -0.006 min

Lab File: BM041926.D

Acq: 20 Sep 2023 05:17

Instrument :

BNA_M

ClientSampleId :

PILE-1MS

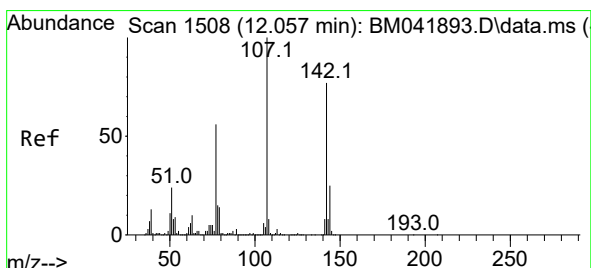
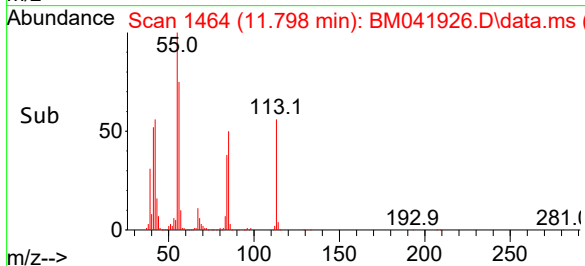
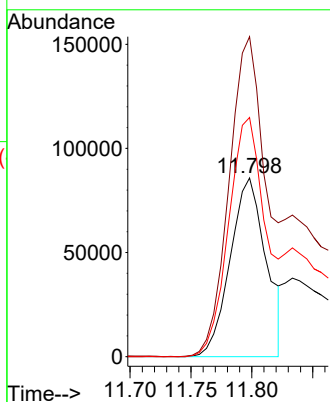
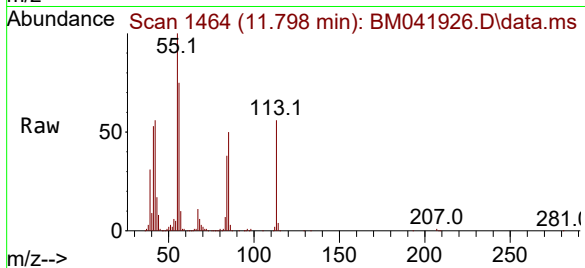
Tgt Ion:113 Resp: 176454

Ion Ratio Lower Upper

113 100

55 179.1 158.5 198.5

56 133.9 115.8 155.8



#36

4-Chloro-3-methylphenol

Concen: 50.332 ng

RT: 12.057 min Scan# 1508

Delta R.T. -0.000 min

Lab File: BM041926.D

Acq: 20 Sep 2023 05:17

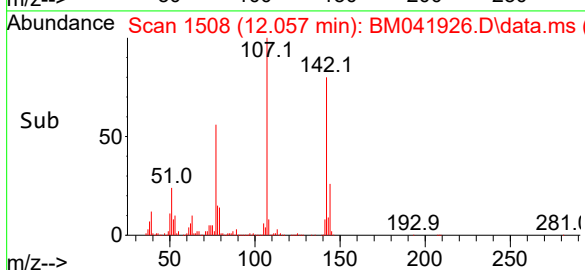
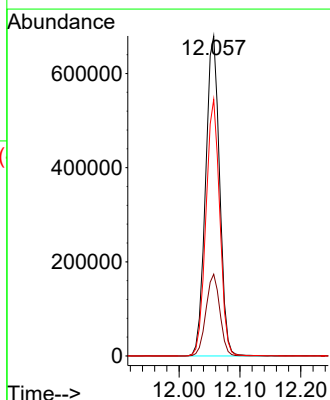
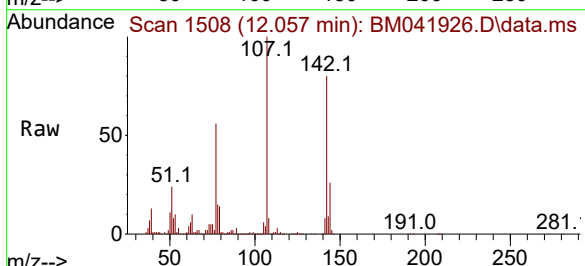
Tgt Ion:107 Resp: 1083477

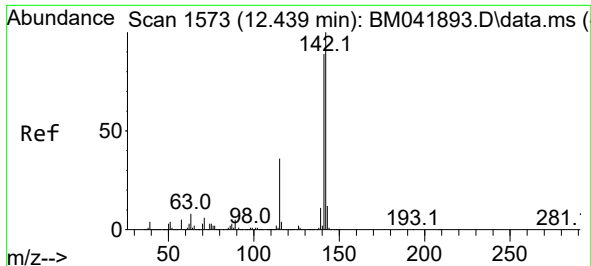
Ion Ratio Lower Upper

107 100

144 25.6 20.2 30.2

142 80.2 61.7 92.5

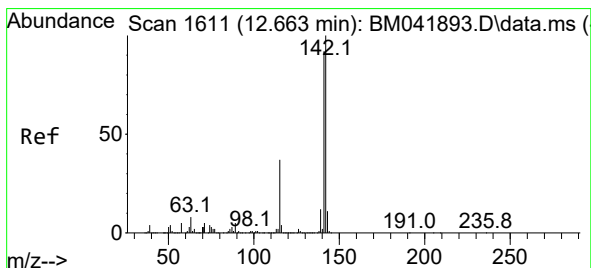
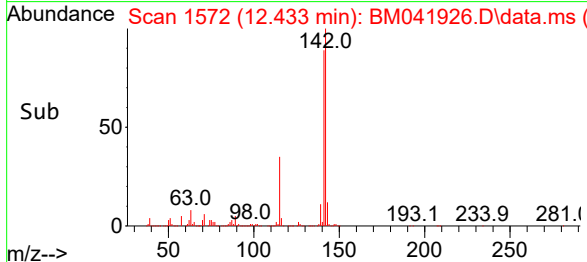
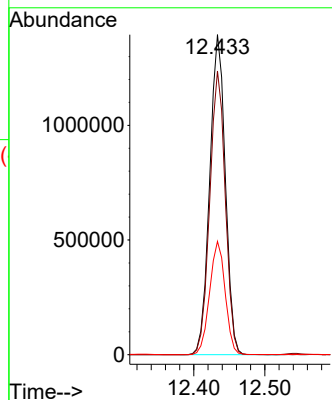
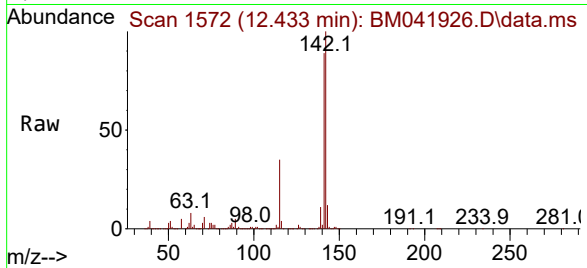




#37
2-Methylnaphthalene
Concen: 45.533 ng
RT: 12.433 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM041926.D
Acq: 20 Sep 2023 05:17

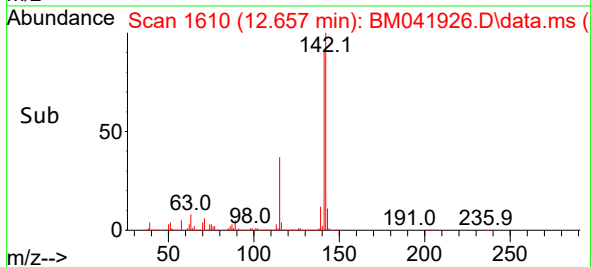
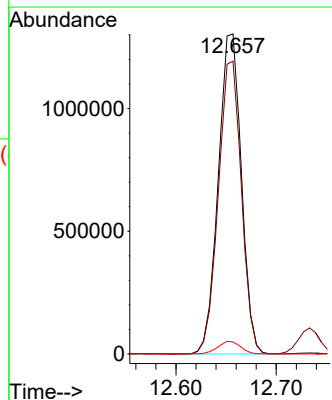
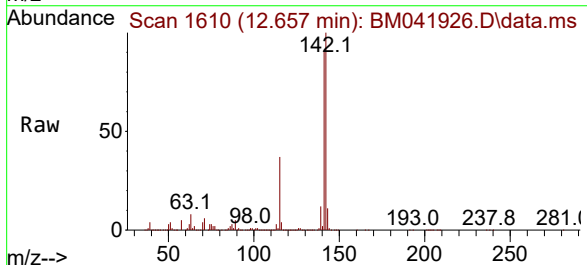
Instrument :
BNA_M
ClientSampleId :
PILE-1MS

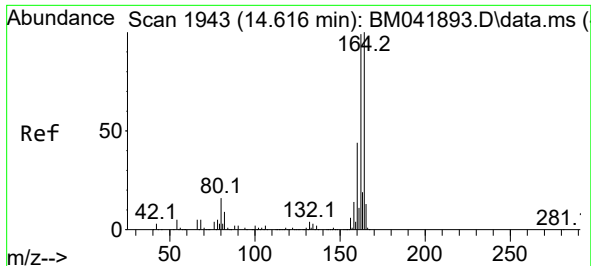
Tgt Ion:142 Resp: 2130391
Ion Ratio Lower Upper
142 100
141 88.7 70.9 106.3
115 35.4 28.5 42.7



#38
1-Methylnaphthalene
Concen: 47.387 ng
RT: 12.657 min Scan# 1610
Delta R.T. -0.006 min
Lab File: BM041926.D
Acq: 20 Sep 2023 05:17

Tgt Ion:142 Resp: 2082282
Ion Ratio Lower Upper
142 100
141 91.5 73.8 110.6
116 3.8 3.0 4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.610 min Scan# 1942

Delta R.T. -0.006 min

Lab File: BM041926.D

Acq: 20 Sep 2023 05:17

Instrument :

BNA_M

ClientSampleId :

PILE-1MS

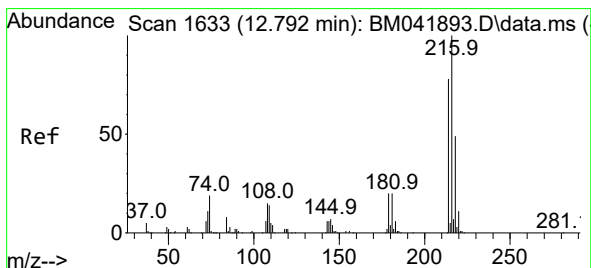
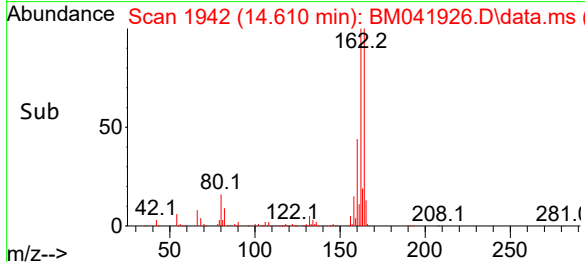
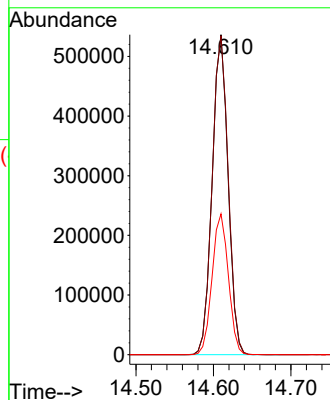
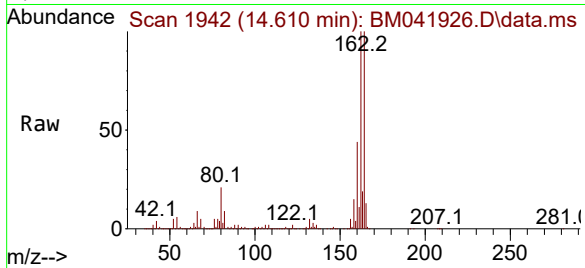
Tgt Ion:164 Resp: 762053

Ion Ratio Lower Upper

164 100

162 99.7 79.3 118.9

160 44.0 35.6 53.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 49.726 ng

RT: 12.786 min Scan# 1632

Delta R.T. -0.006 min

Lab File: BM041926.D

Acq: 20 Sep 2023 05:17

Tgt Ion:216 Resp: 1098948

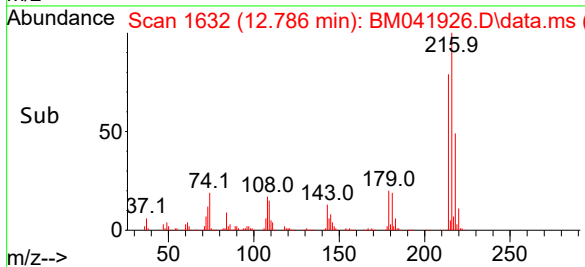
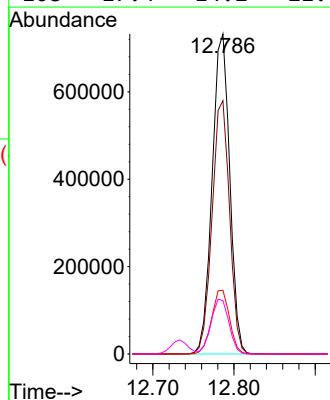
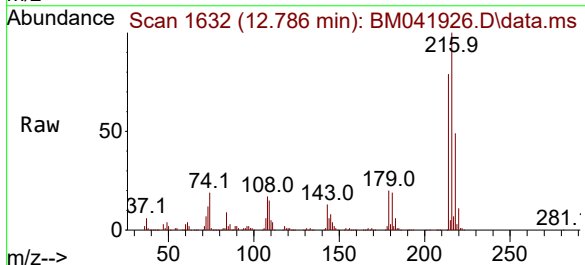
Ion Ratio Lower Upper

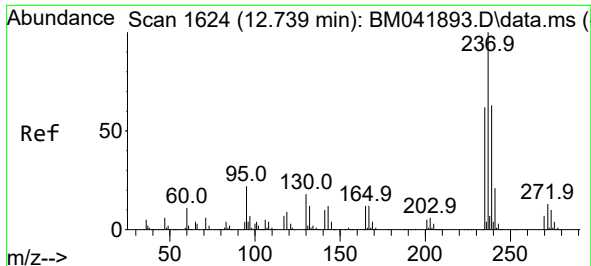
216 100

214 78.9 62.6 93.8

179 20.4 16.3 24.5

108 17.4 14.2 21.4

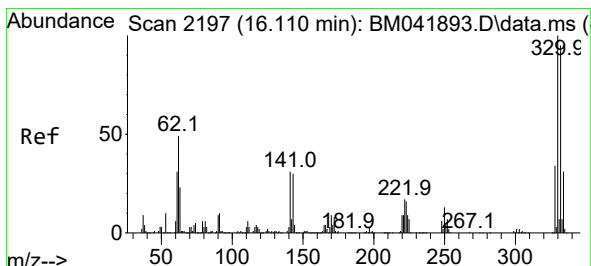
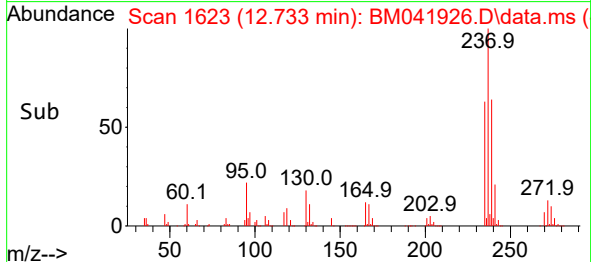
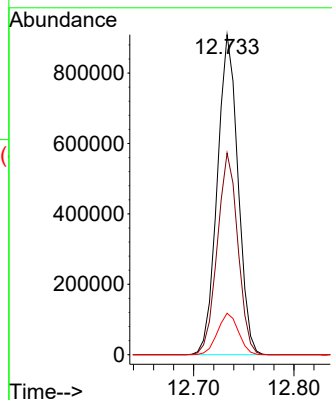
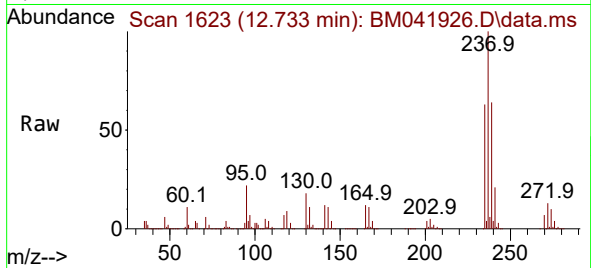




#41
Hexachlorocyclopentadiene
Concen: 104.666 ng
RT: 12.733 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM041926.D
Acq: 20 Sep 2023 05:17

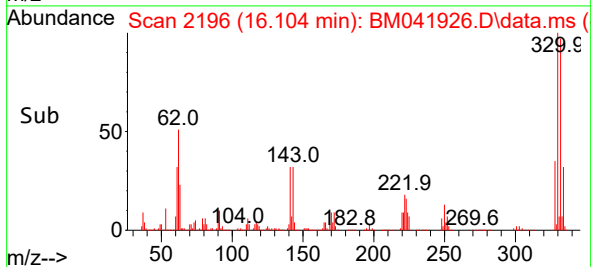
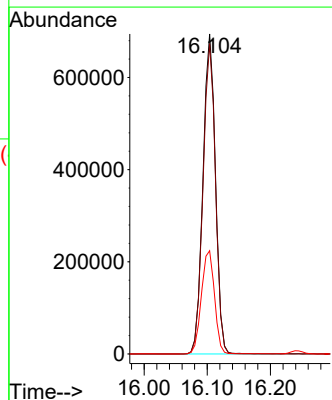
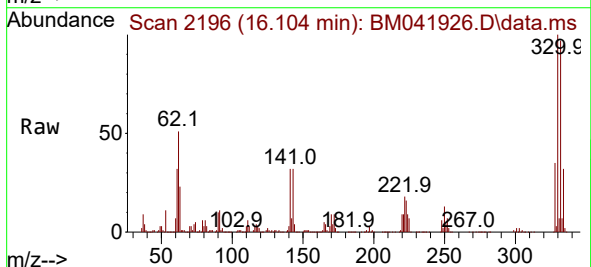
Instrument :
BNA_M
ClientSampleId :
PILE-1MS

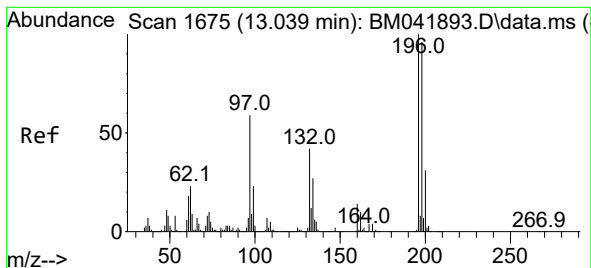
Tgt Ion:237 Resp: 1300646
Ion Ratio Lower Upper
237 100
235 63.1 42.0 82.0
272 13.0 0.0 32.9



#42
2,4,6-Tribromophenol
Concen: 100.167 ng
RT: 16.104 min Scan# 2196
Delta R.T. -0.006 min
Lab File: BM041926.D
Acq: 20 Sep 2023 05:17

Tgt Ion:330 Resp: 952396
Ion Ratio Lower Upper
330 100
332 96.7 77.8 116.6
141 34.0 27.0 40.4





#43

2,4,6-Trichlorophenol

Concen: 52.599 ng

RT: 13.033 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM041926.D

Acq: 20 Sep 2023 05:17

Instrument :

BNA_M

ClientSampleId :

PILE-1MS

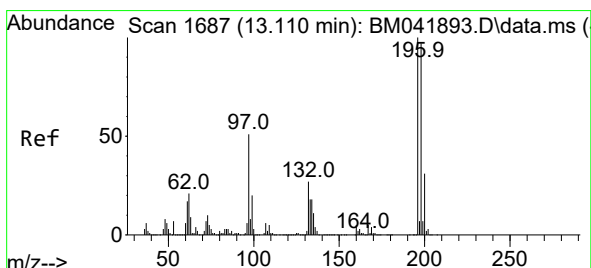
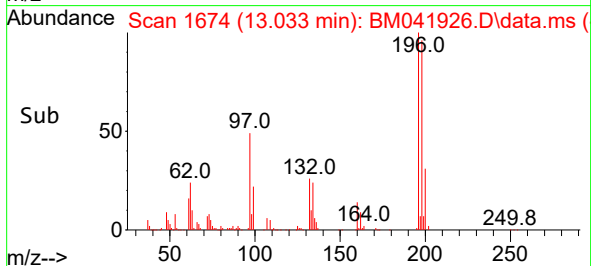
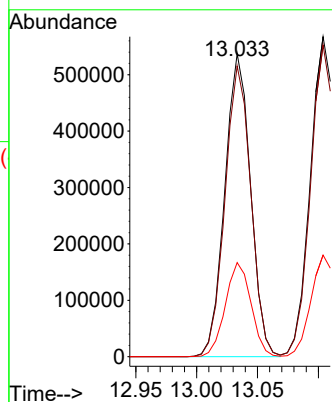
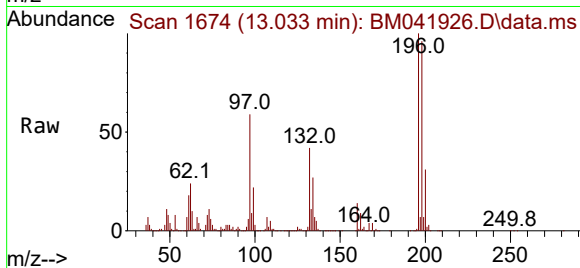
Tgt Ion:196 Resp: 791102

Ion Ratio Lower Upper

196 100

198 95.9 76.9 115.3

200 31.0 24.7 37.1



#44

2,4,5-Trichlorophenol

Concen: 48.467 ng

RT: 13.104 min Scan# 1686

Delta R.T. -0.006 min

Lab File: BM041926.D

Acq: 20 Sep 2023 05:17

Tgt Ion:196 Resp: 853119

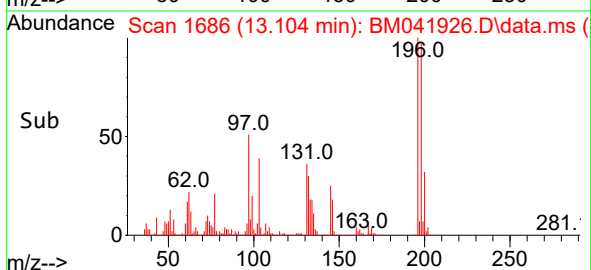
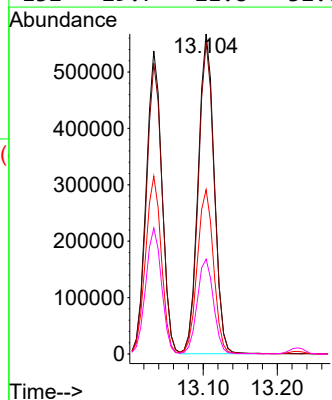
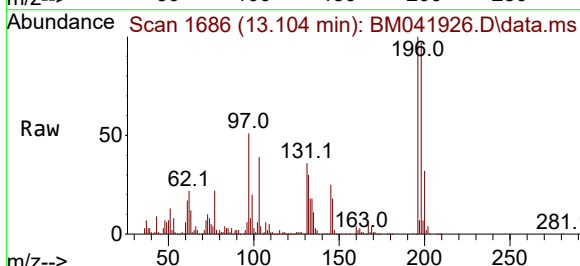
Ion Ratio Lower Upper

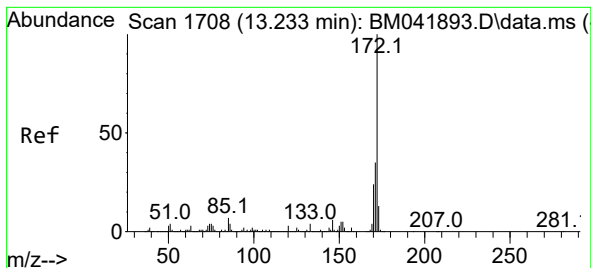
196 100

198 97.4 77.2 115.8

97 51.4 41.1 61.7

132 29.7 21.8 32.6





#45

2-Fluorobiphenyl

Concen: 67.868 ng

RT: 13.227 min Scan# 1707

Delta R.T. -0.006 min

Lab File: BM041926.D

Acq: 20 Sep 2023 05:17

Instrument :

BNA_M

ClientSampleId :

PILE-1MS

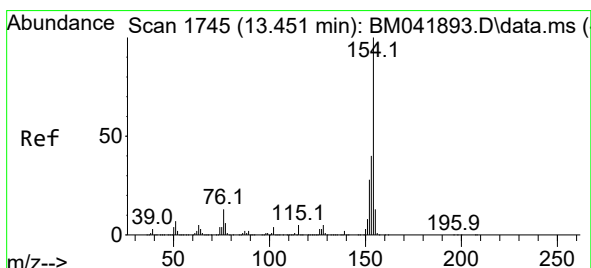
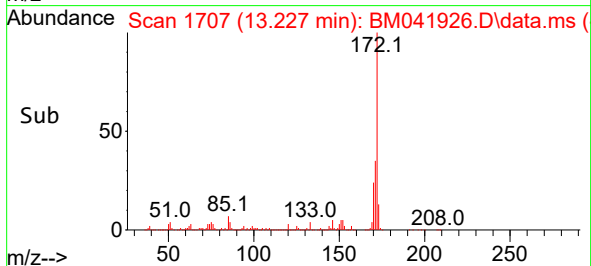
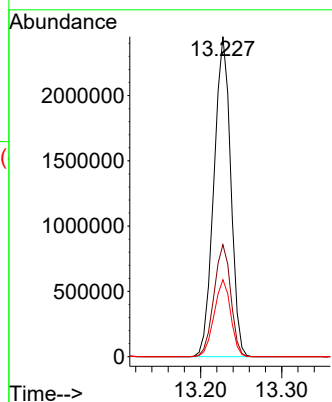
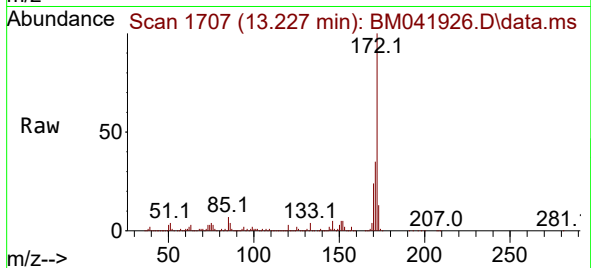
Tgt Ion:172 Resp: 3523634

Ion Ratio Lower Upper

172 100

171 35.0 28.2 42.4

170 24.1 19.1 28.7



#46

1,1'-Biphenyl

Concen: 50.370 ng

RT: 13.445 min Scan# 1744

Delta R.T. -0.006 min

Lab File: BM041926.D

Acq: 20 Sep 2023 05:17

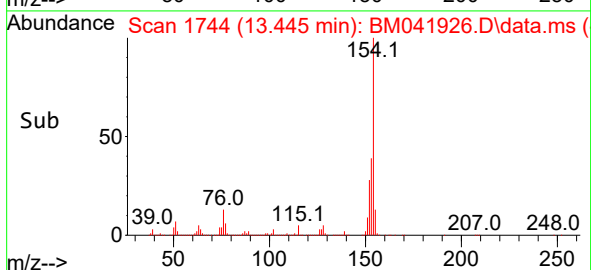
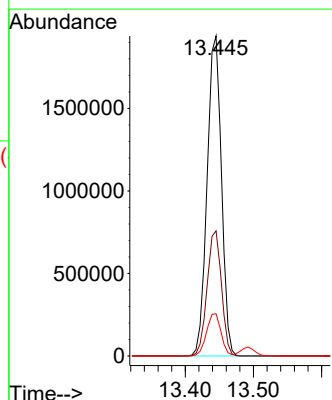
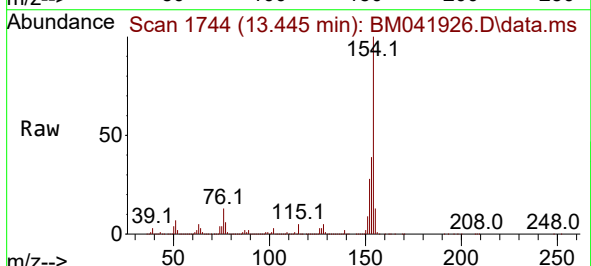
Tgt Ion:154 Resp: 2832065

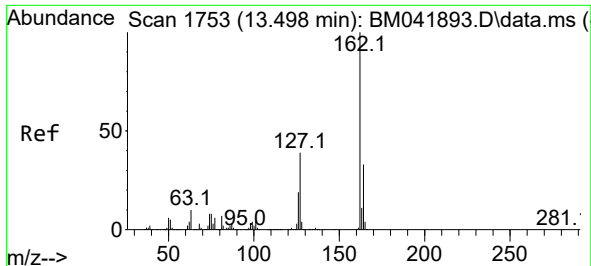
Ion Ratio Lower Upper

154 100

153 39.1 19.9 59.9

76 13.2 0.0 33.1

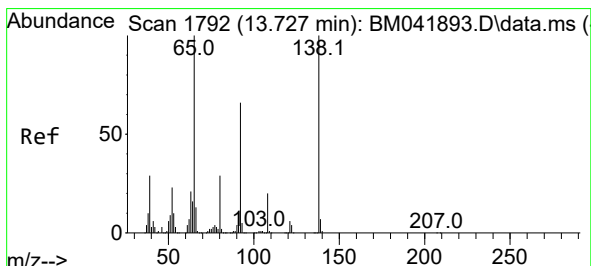
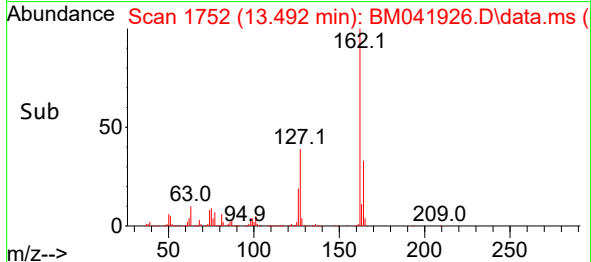
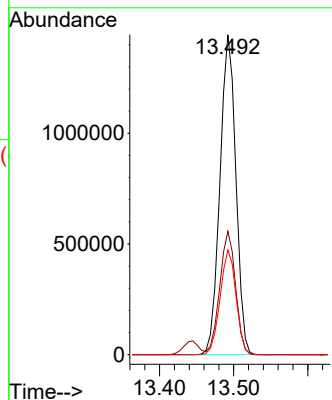
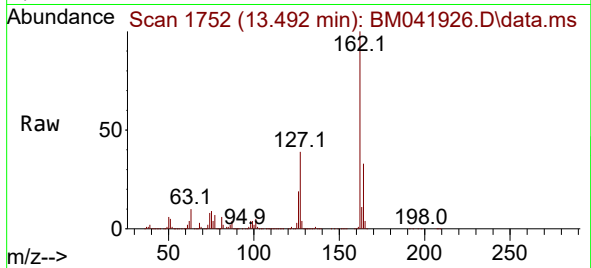




#47
2-Chloronaphthalene
Concen: 52.587 ng
RT: 13.492 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM041926.D
Acq: 20 Sep 2023 05:17

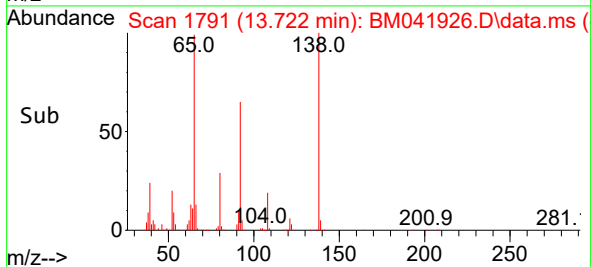
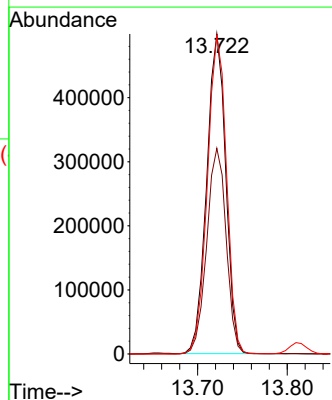
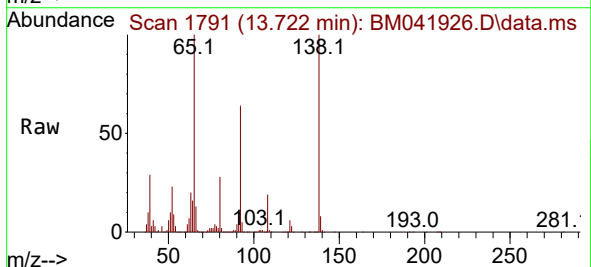
Instrument :
BNA_M
ClientSampleId :
PILE-1MS

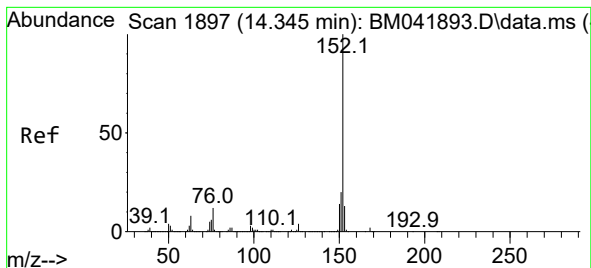
Tgt Ion:162 Resp: 2153239
Ion Ratio Lower Upper
162 100
127 38.6 31.0 46.4
164 32.8 26.1 39.1



#48
2-Nitroaniline
Concen: 50.217 ng
RT: 13.722 min Scan# 1791
Delta R.T. -0.006 min
Lab File: BM041926.D
Acq: 20 Sep 2023 05:17

Tgt Ion: 65 Resp: 734733
Ion Ratio Lower Upper
65 100
92 64.2 52.8 79.2
138 99.5 80.3 120.5





#49

Acenaphthylene

Concen: 52.567 ng

RT: 14.339 min Scan# 1896

Delta R.T. -0.006 min

Lab File: BM041926.D

Acq: 20 Sep 2023 05:17

Instrument :

BNA_M

ClientSampleId :

PILE-1MS

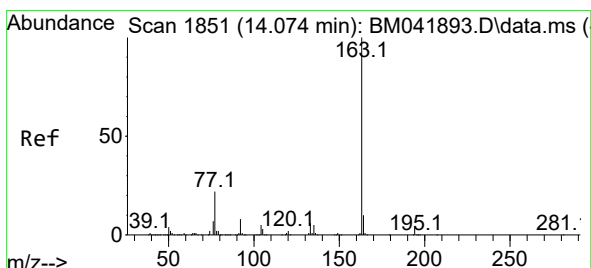
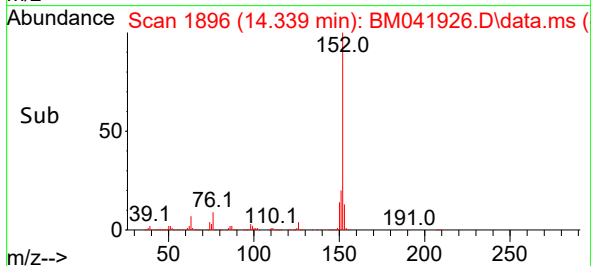
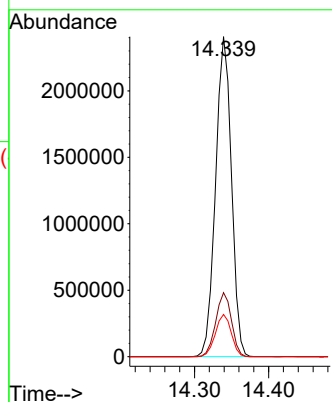
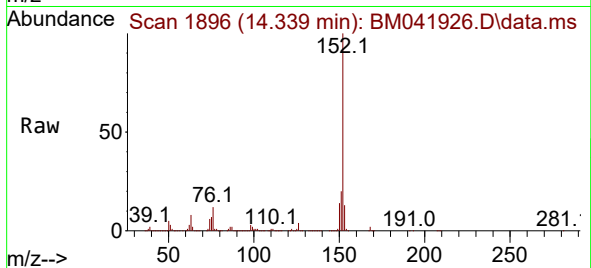
Tgt Ion:152 Resp: 3572071

Ion Ratio Lower Upper

152 100

151 20.0 15.8 23.8

153 13.2 10.5 15.7



#50

Dimethylphthalate

Concen: 48.577 ng

RT: 14.069 min Scan# 1850

Delta R.T. -0.006 min

Lab File: BM041926.D

Acq: 20 Sep 2023 05:17

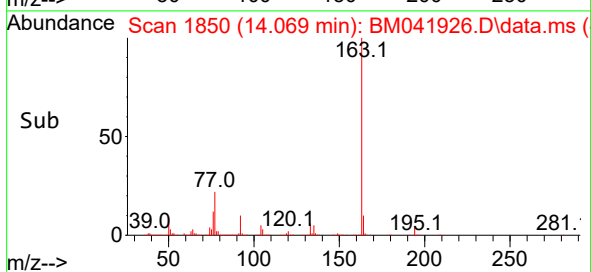
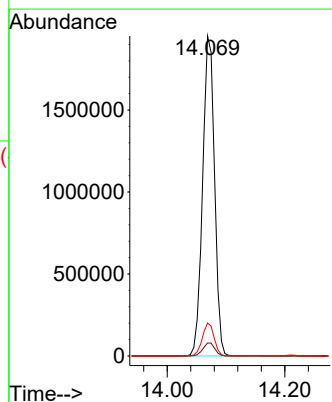
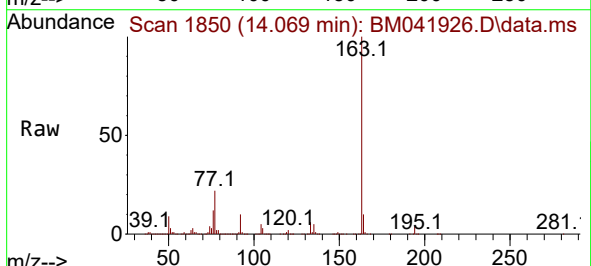
Tgt Ion:163 Resp: 2736693

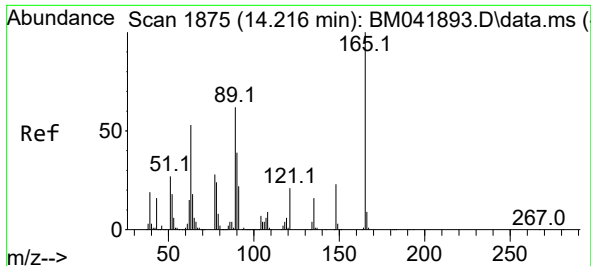
Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.0

164 10.3 8.2 12.4

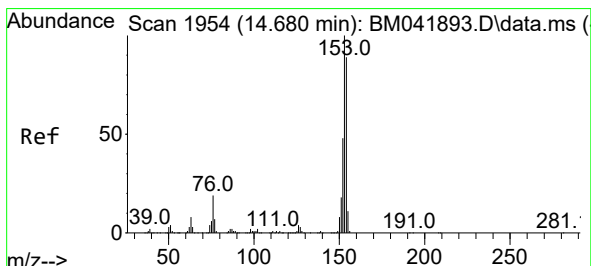
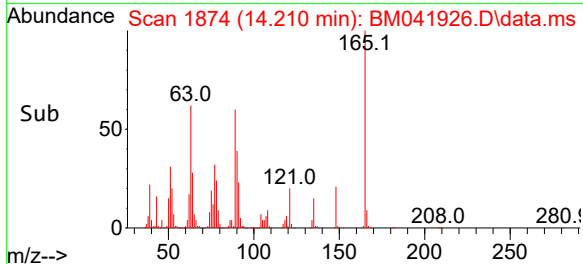
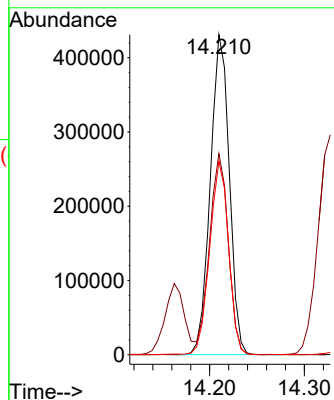
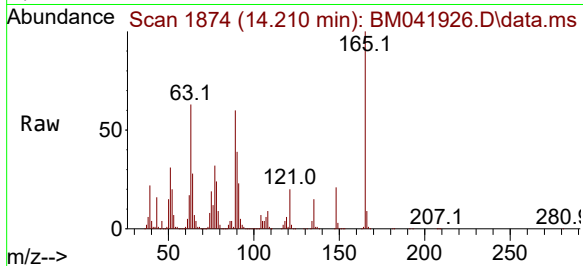




#51
2,6-Dinitrotoluene
Concen: 50.154 ng
RT: 14.210 min Scan# 1874
Delta R.T. -0.006 min
Lab File: BM041926.D
Acq: 20 Sep 2023 05:17

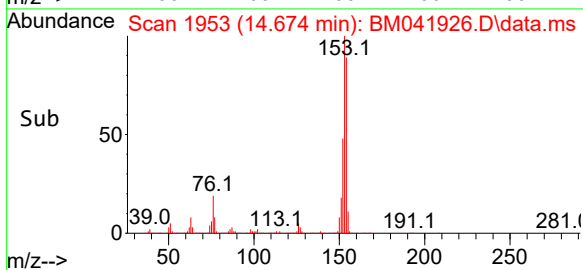
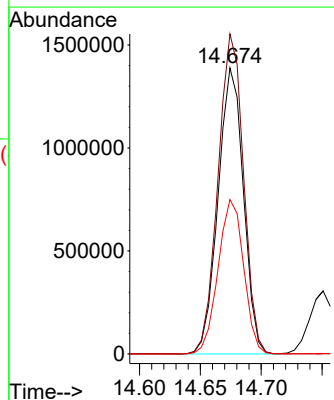
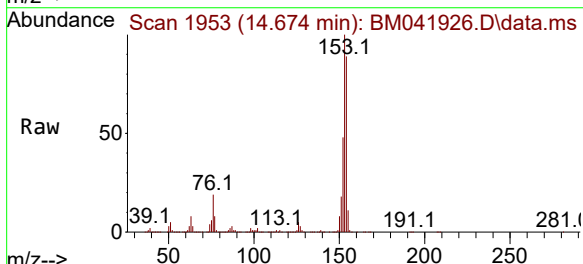
Instrument :
BNA_M
ClientSampleId :
PILE-1MS

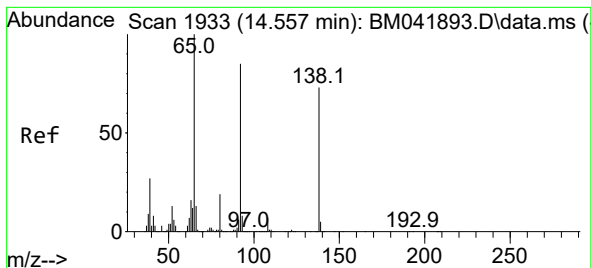
Tgt Ion:165 Resp: 598784
Ion Ratio Lower Upper
165 100
63 62.8 50.2 75.2
89 60.5 49.3 73.9



#52
Acenaphthene
Concen: 49.188 ng
RT: 14.674 min Scan# 1953
Delta R.T. -0.006 min
Lab File: BM041926.D
Acq: 20 Sep 2023 05:17

Tgt Ion:154 Resp: 2010389
Ion Ratio Lower Upper
154 100
153 111.9 90.3 135.5
152 54.0 43.4 65.2

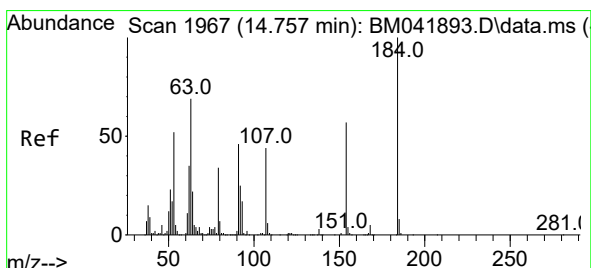
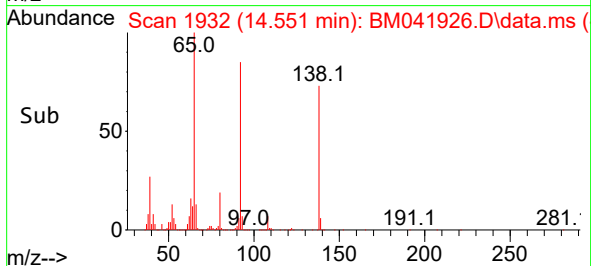
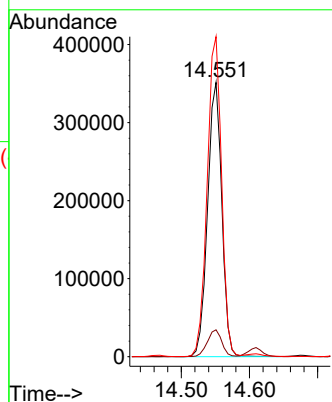
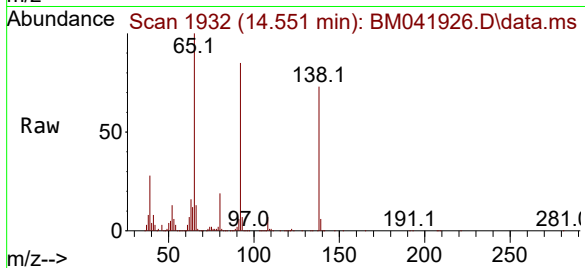




#53
3-Nitroaniline
Concen: 38.190 ng
RT: 14.551 min Scan# 1932
Delta R.T. -0.006 min
Lab File: BM041926.D
Acq: 20 Sep 2023 05:17

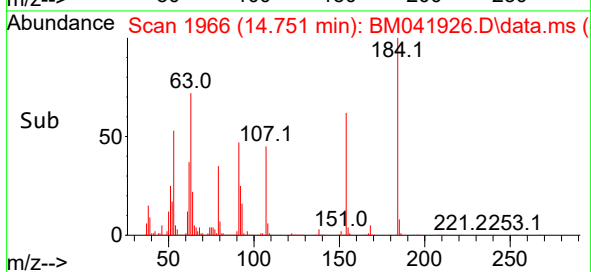
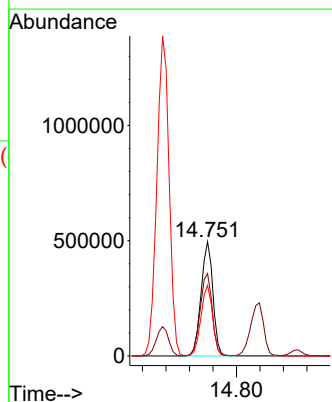
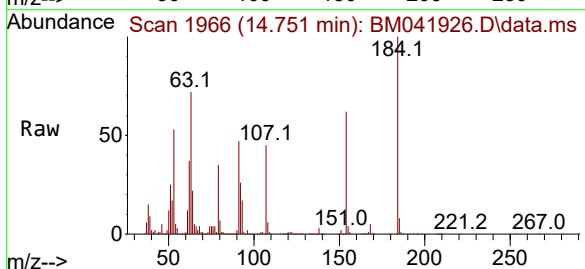
Instrument :
BNA_M
ClientSampleId :
PILE-1MS

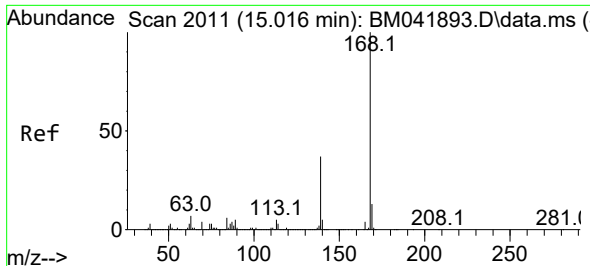
Tgt Ion:138 Resp: 510334
Ion Ratio Lower Upper
138 100
108 9.8 8.0 12.0
92 116.7 93.6 140.4



#54
2,4-Dinitrophenol
Concen: 92.997 ng
RT: 14.751 min Scan# 1966
Delta R.T. -0.006 min
Lab File: BM041926.D
Acq: 20 Sep 2023 05:17

Tgt Ion:184 Resp: 693425
Ion Ratio Lower Upper
184 100
63 72.0 55.8 83.8
154 61.8 48.9 73.3

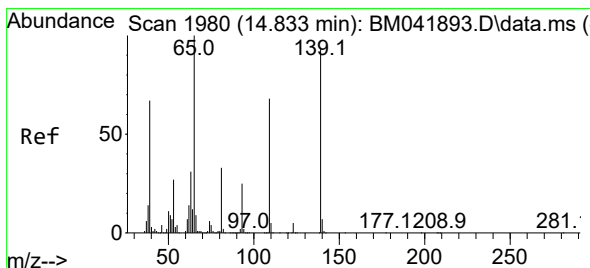
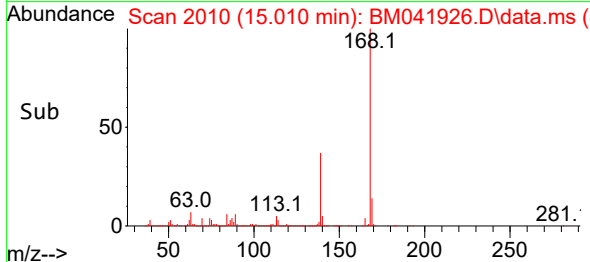
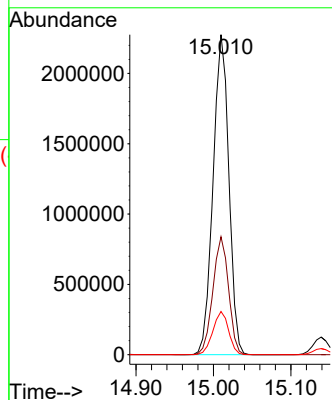
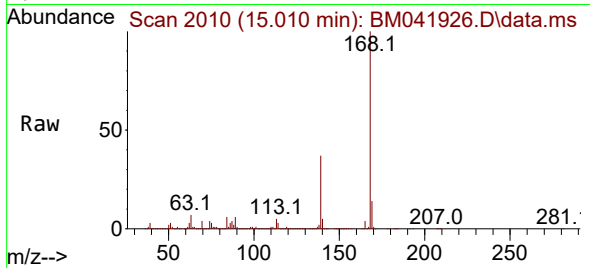




#55
Dibenzenofuran
Concen: 48.731 ng
RT: 15.010 min Scan# 20
Delta R.T. -0.006 min
Lab File: BM041926.D
Acq: 20 Sep 2023 05:17

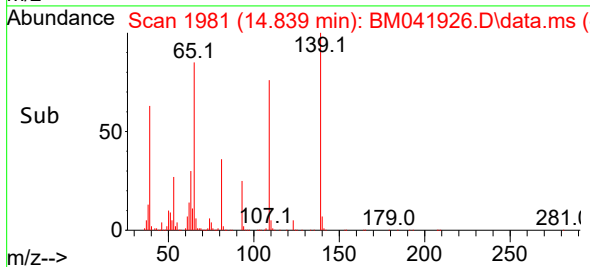
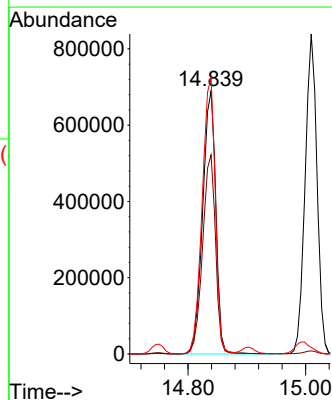
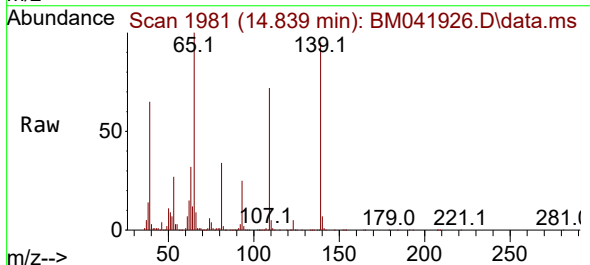
Instrument :
BNA_M
ClientSampleId :
PILE-1MS

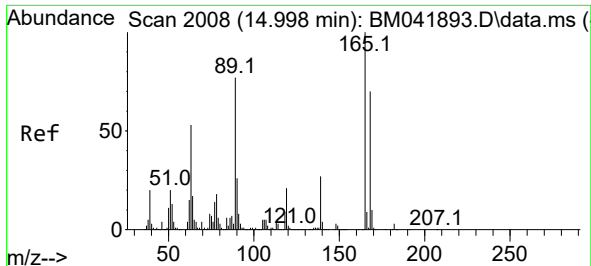
Tgt Ion:168 Resp: 3215048
Ion Ratio Lower Upper
168 100
139 36.9 29.4 44.2
169 13.5 10.8 16.2



#56
4-Nitrophenol
Concen: 101.013 ng
RT: 14.839 min Scan# 1981
Delta R.T. 0.006 min
Lab File: BM041926.D
Acq: 20 Sep 2023 05:17

Tgt Ion:139 Resp: 1070551
Ion Ratio Lower Upper
139 100
109 75.7 53.4 93.4
65 105.3 87.4 127.4





#57

2,4-Dinitrotoluene

Concen: 49.968 ng

RT: 14.992 min Scan# 20

Delta R.T. -0.006 min

Lab File: BM041926.D

Acq: 20 Sep 2023 05:17

Instrument :

BNA_M

ClientSampleId :

PILE-1MS

Tgt Ion:165 Resp: 789284

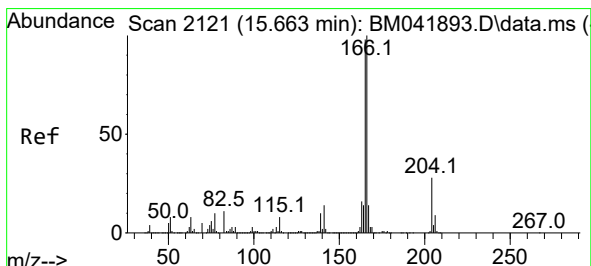
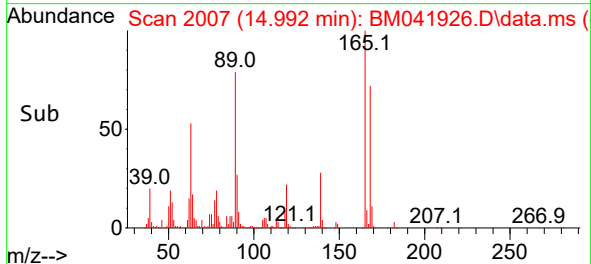
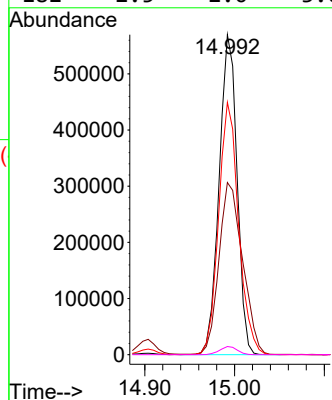
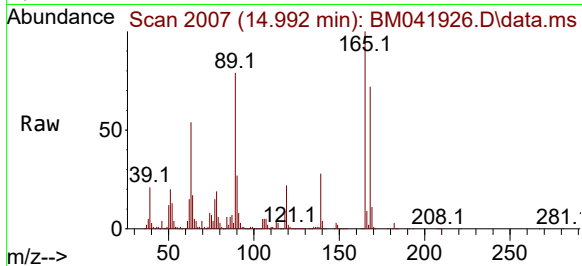
Ion Ratio Lower Upper

165 100

63 53.8 42.3 63.5

89 78.9 61.8 92.6

182 2.5 2.0 3.0



#58

Fluorene

Concen: 48.643 ng

RT: 15.657 min Scan# 2120

Delta R.T. -0.006 min

Lab File: BM041926.D

Acq: 20 Sep 2023 05:17

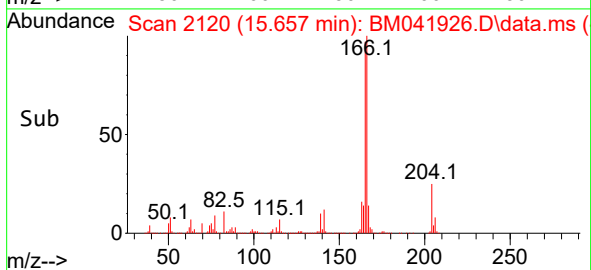
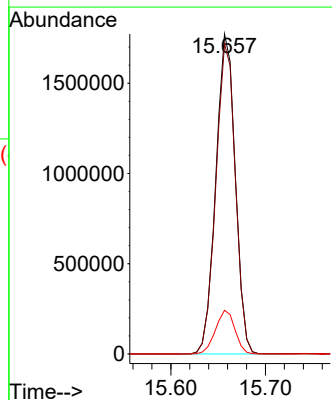
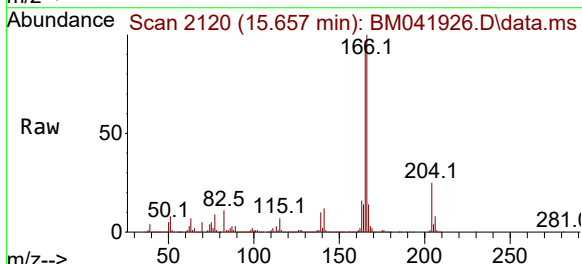
Tgt Ion:166 Resp: 2530062

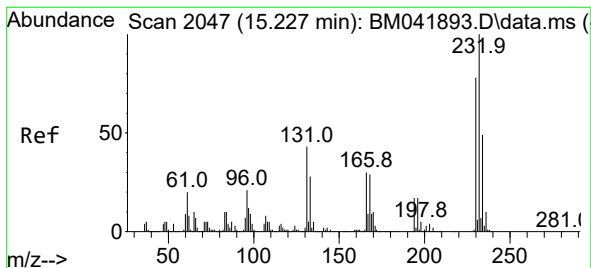
Ion Ratio Lower Upper

166 100

165 96.9 78.2 117.2

167 13.6 11.0 16.6

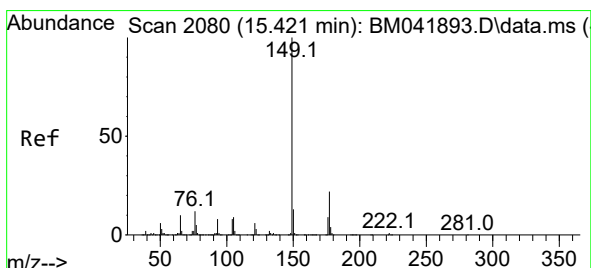
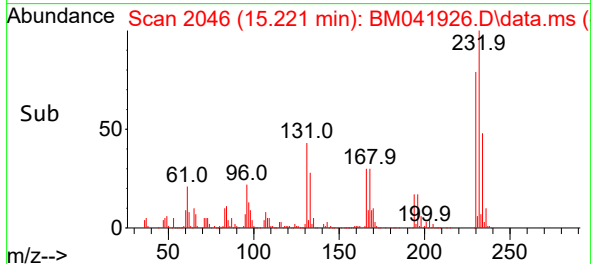
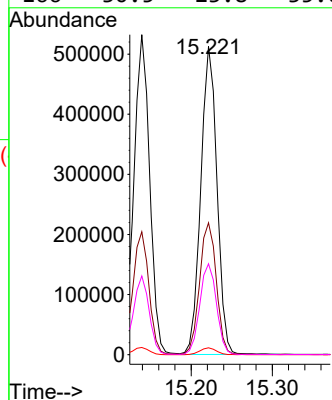
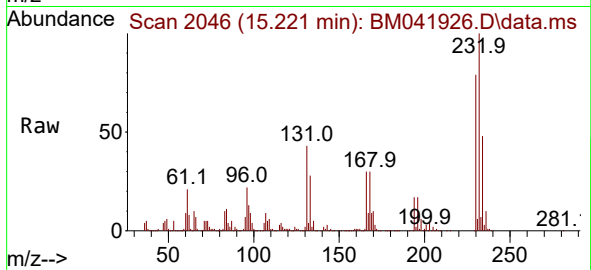




#59
2,3,4,6-Tetrachlorophenol
Concen: 49.210 ng
RT: 15.221 min Scan# 2046
Delta R.T. -0.006 min
Lab File: BM041926.D
Acq: 20 Sep 2023 05:17

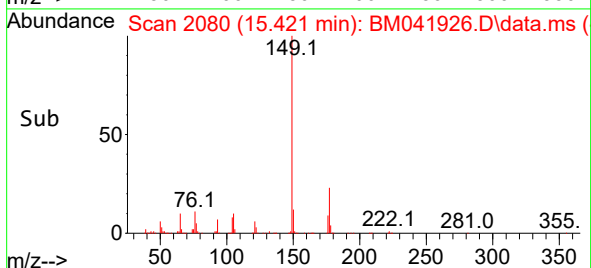
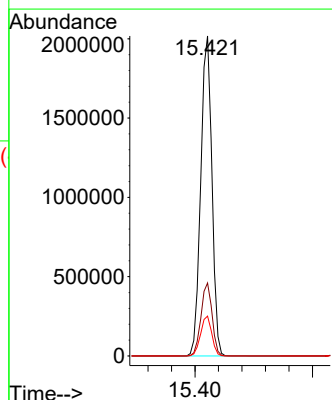
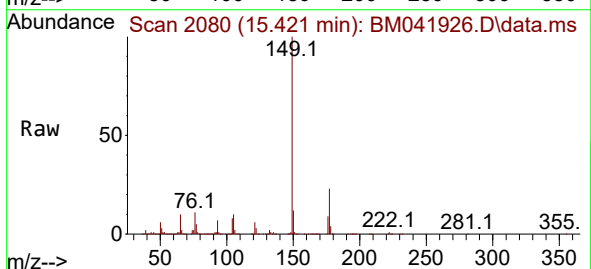
Instrument :
BNA_M
ClientSampleId :
PILE-1MS

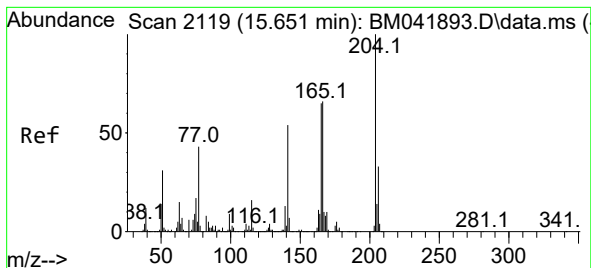
Tgt Ion:232 Resp: 710965
Ion Ratio Lower Upper
232 100
131 44.1 34.6 51.8
130 2.3 1.8 2.8
166 30.5 23.8 35.6



#60
Diethylphthalate
Concen: 47.360 ng
RT: 15.421 min Scan# 2080
Delta R.T. -0.000 min
Lab File: BM041926.D
Acq: 20 Sep 2023 05:17

Tgt Ion:149 Resp: 2654127
Ion Ratio Lower Upper
149 100
177 22.8 17.9 26.9
150 12.5 10.1 15.1

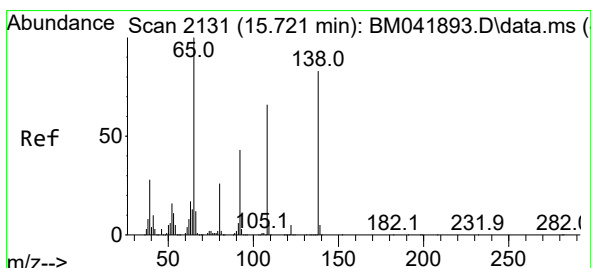
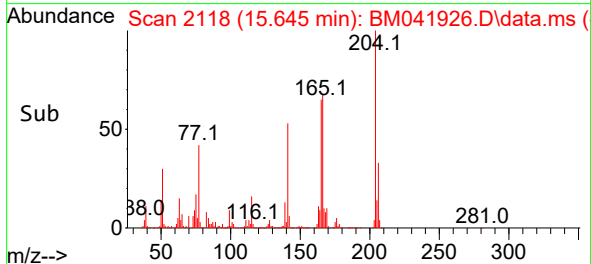
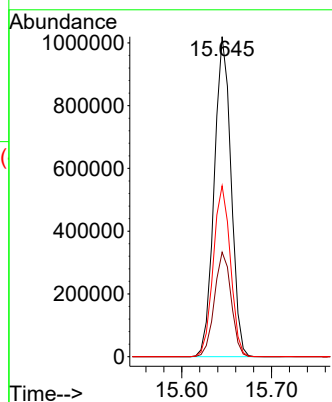
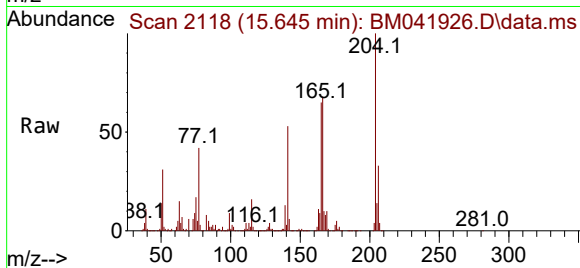




#61
4-Chlorophenyl-phenylether
Concen: 48.598 ng
RT: 15.645 min Scan# 2118
Delta R.T. -0.006 min
Lab File: BM041926.D
Acq: 20 Sep 2023 05:17

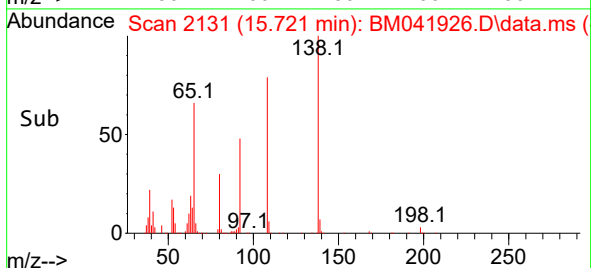
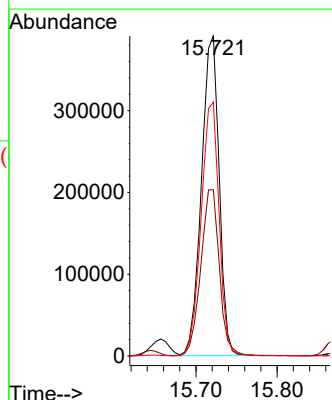
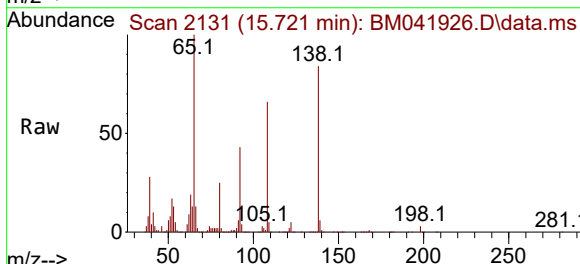
Instrument :
BNA_M
ClientSampleId :
PILE-1MS

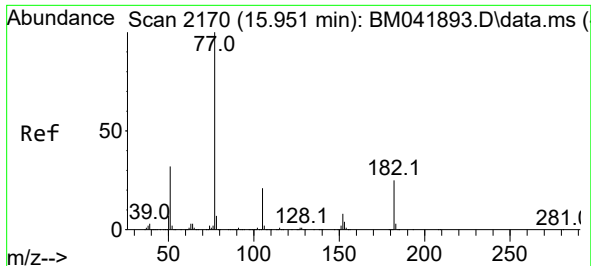
Tgt Ion:204 Resp: 1326110
Ion Ratio Lower Upper
204 100
206 32.7 26.1 39.1
141 53.4 43.6 65.4



#62
4-Nitroaniline
Concen: 46.177 ng
RT: 15.721 min Scan# 2131
Delta R.T. -0.000 min
Lab File: BM041926.D
Acq: 20 Sep 2023 05:17

Tgt Ion:138 Resp: 593380
Ion Ratio Lower Upper
138 100
92 51.9 32.3 72.3
108 79.4 59.0 99.0



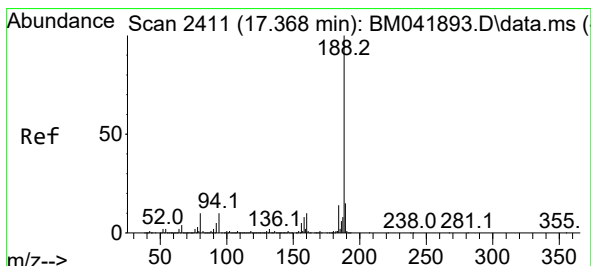
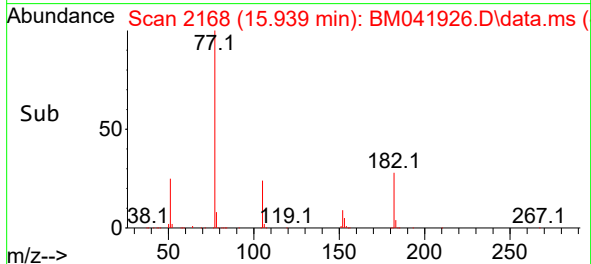
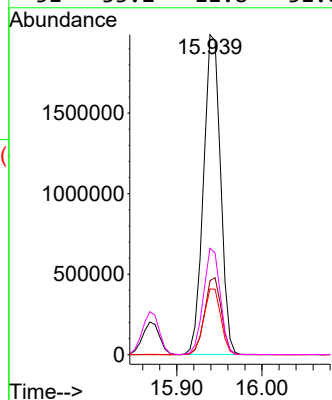
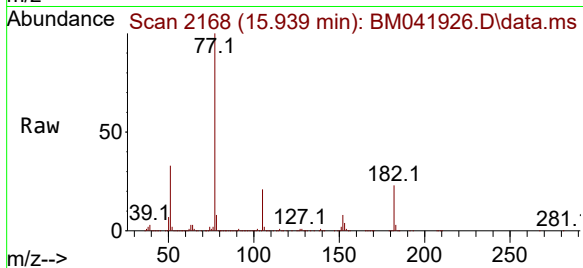


#63
Azobenzene
Concen: 48.673 ng
RT: 15.939 min Scan# 2170
Delta R.T. -0.012 min
Lab File: BM041926.D
Acq: 20 Sep 2023 05:17

Instrument :
BNA_M
ClientSampleId :
PILE-1MS

Tgt Ion: 77 Resp: 2765262

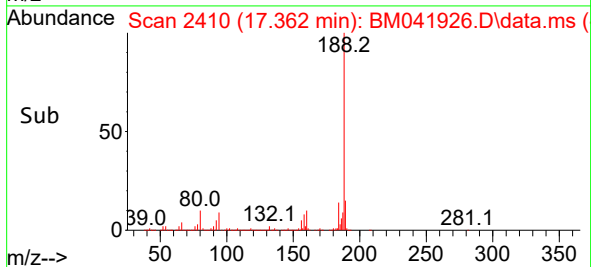
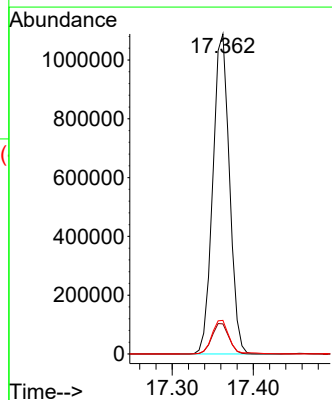
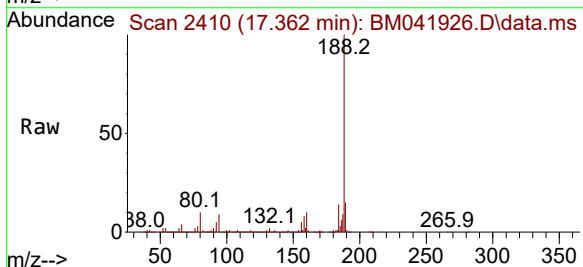
Ion	Ratio	Lower	Upper
77	100		
182	23.1	4.9	44.9
105	20.6	0.7	40.7
51	33.2	11.8	51.8

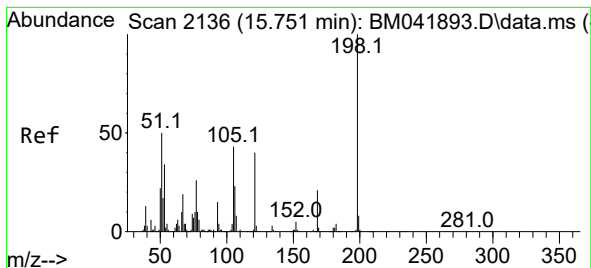


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.362 min Scan# 2410
Delta R.T. -0.006 min
Lab File: BM041926.D
Acq: 20 Sep 2023 05:17

Tgt Ion: 188 Resp: 1546030

Ion	Ratio	Lower	Upper
188	100		
94	9.4	7.6	11.4
80	10.5	8.3	12.5

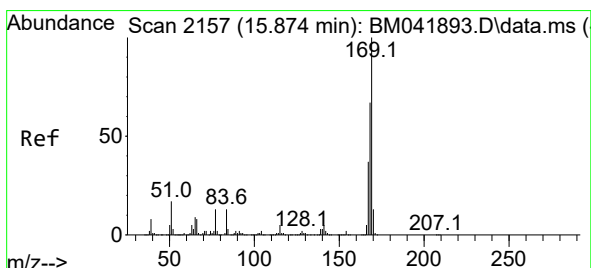
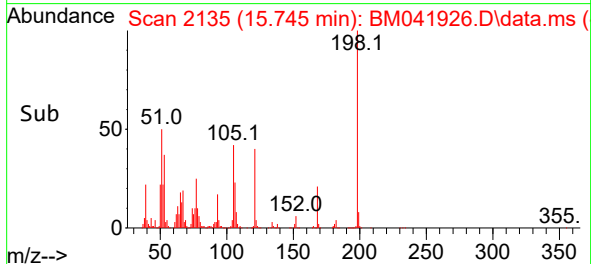
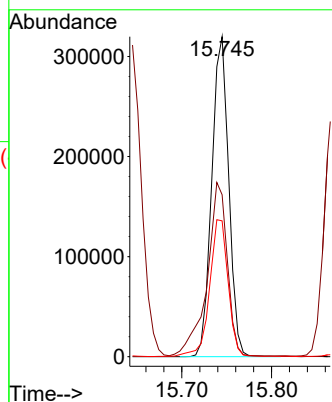
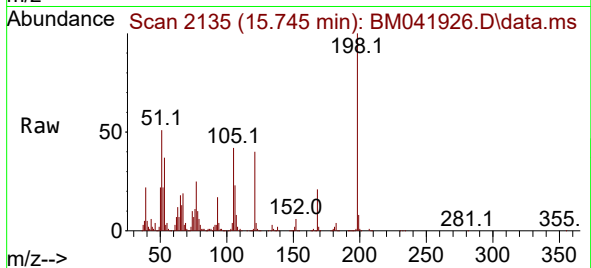




#65
4,6-Dinitro-2-methylphenol
Concen: 47.266 ng
RT: 15.745 min Scan# 2136
Delta R.T. -0.006 min
Lab File: BM041926.D
Acq: 20 Sep 2023 05:17

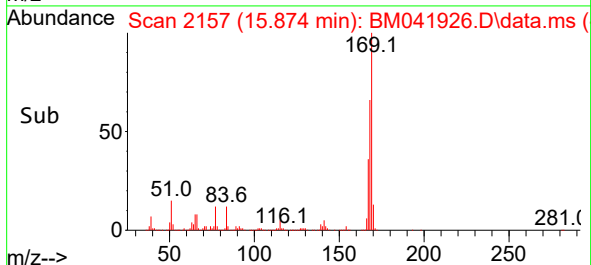
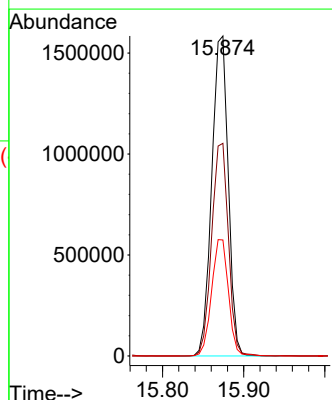
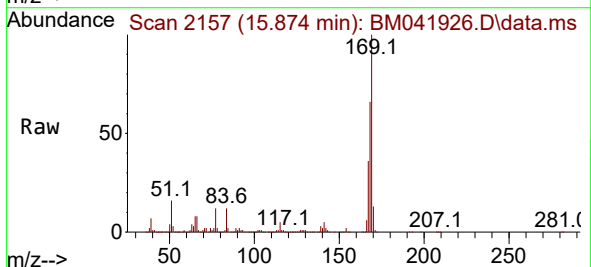
Instrument :
BNA_M
ClientSampleId :
PILE-1MS

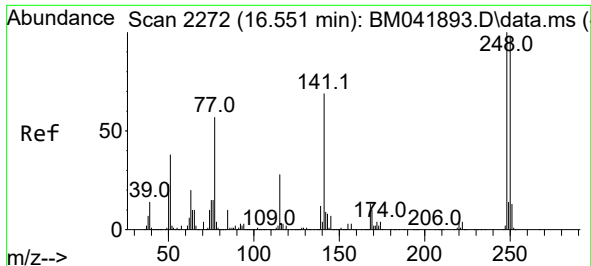
Tgt Ion:198 Resp: 419617
Ion Ratio Lower Upper
198 100
51 50.6 32.0 72.0
105 42.5 23.6 63.6



#66
n-Nitrosodiphenylamine
Concen: 51.094 ng
RT: 15.874 min Scan# 2157
Delta R.T. -0.000 min
Lab File: BM041926.D
Acq: 20 Sep 2023 05:17

Tgt Ion:169 Resp: 2230986
Ion Ratio Lower Upper
169 100
168 66.4 53.6 80.4
167 36.2 29.4 44.0

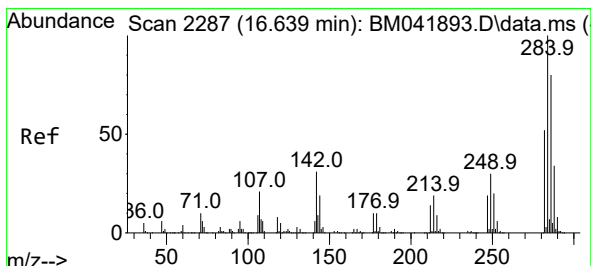
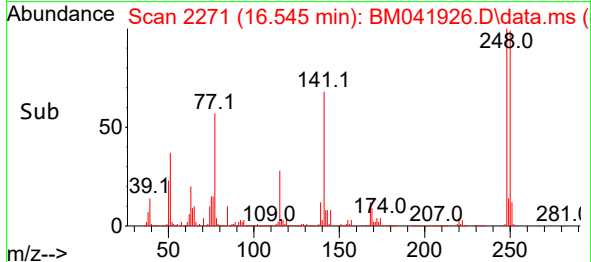
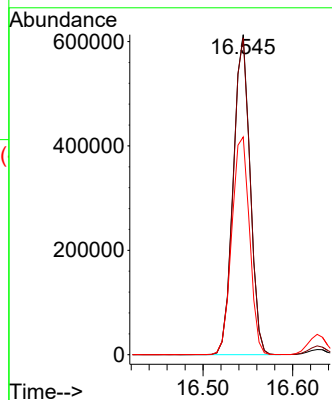
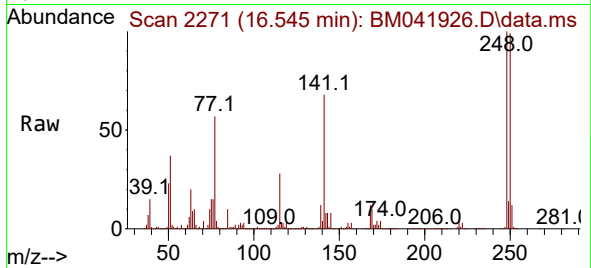




#67
4-Bromophenyl-phenylether
Concen: 50.082 ng
RT: 16.545 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM041926.D
Acq: 20 Sep 2023 05:17

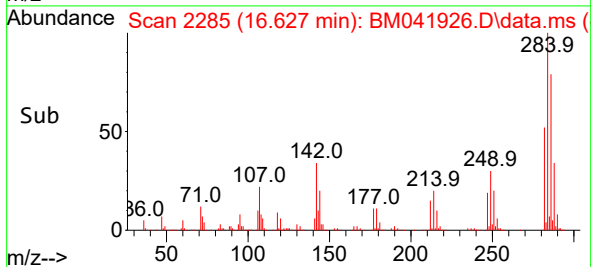
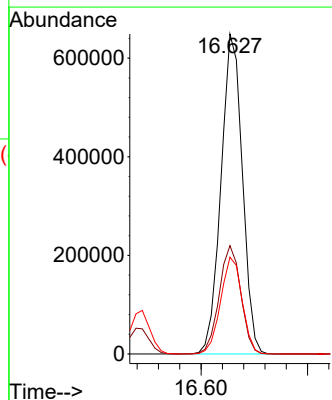
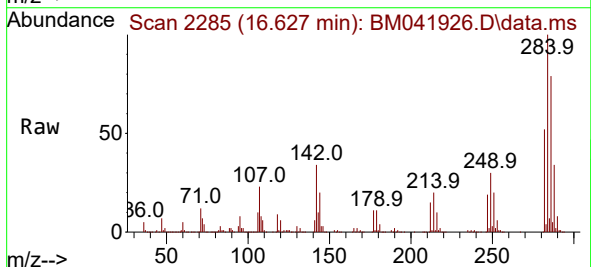
Instrument :
BNA_M
ClientSampleId :
PILE-1MS

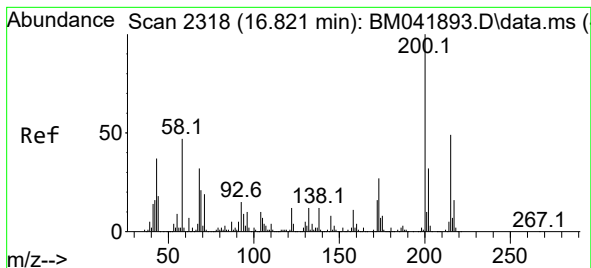
Tgt Ion:248 Resp: 797906
Ion Ratio Lower Upper
248 100
250 99.0 78.0 117.0
141 68.0 55.1 82.7



#68
Hexachlorobenzene
Concen: 53.508 ng
RT: 16.627 min Scan# 2285
Delta R.T. -0.012 min
Lab File: BM041926.D
Acq: 20 Sep 2023 05:17

Tgt Ion:284 Resp: 902584
Ion Ratio Lower Upper
284 100
142 33.8 24.8 37.2
249 30.3 24.0 36.0





#69

Atrazine

Concen: 57.614 ng

RT: 16.815 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM041926.D

Acq: 20 Sep 2023 05:17

Instrument :

BNA_M

ClientSampleId :

PILE-1MS

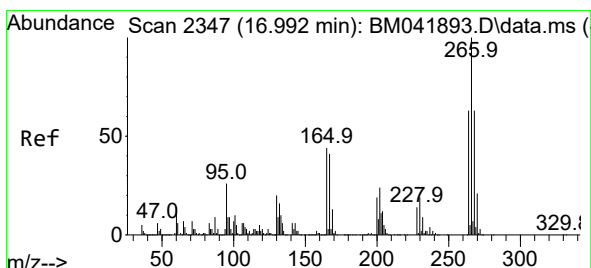
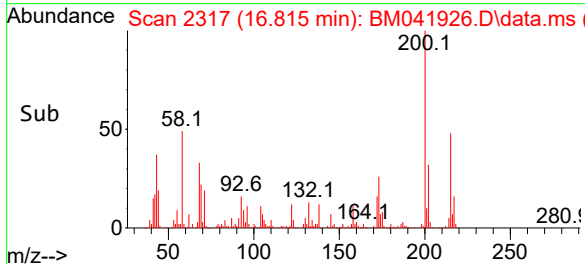
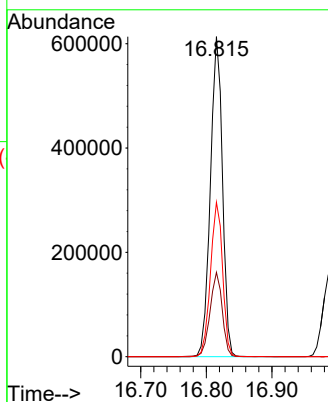
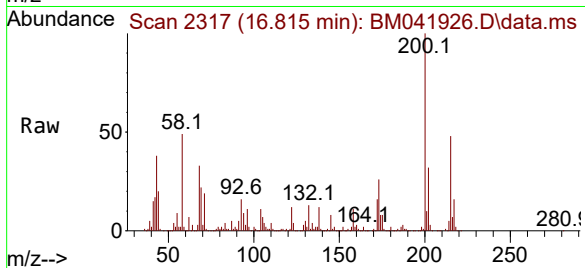
Tgt Ion:200 Resp: 784495

Ion Ratio Lower Upper

200 100

173 26.4 6.5 46.5

215 48.3 28.9 68.9



#70

Pentachlorophenol

Concen: 94.500 ng

RT: 16.986 min Scan# 2346

Delta R.T. -0.006 min

Lab File: BM041926.D

Acq: 20 Sep 2023 05:17

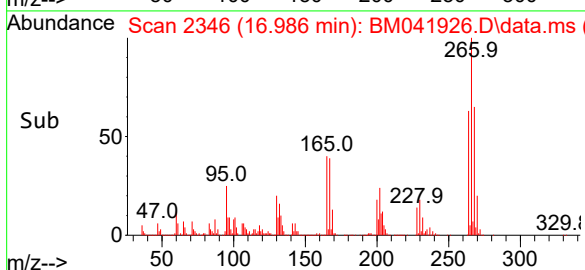
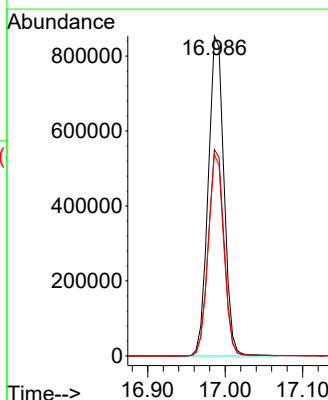
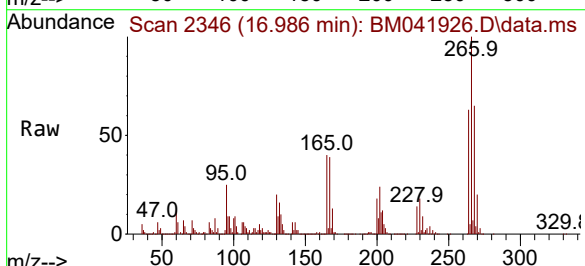
Tgt Ion:266 Resp: 1204394

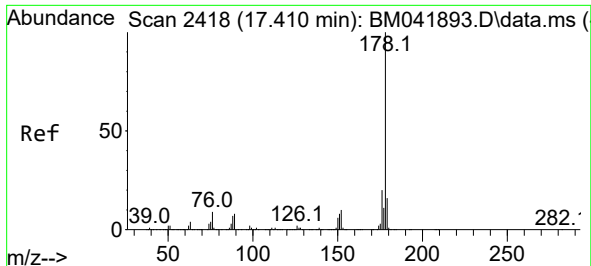
Ion Ratio Lower Upper

266 100

268 64.5 50.5 75.7

264 62.9 50.6 76.0

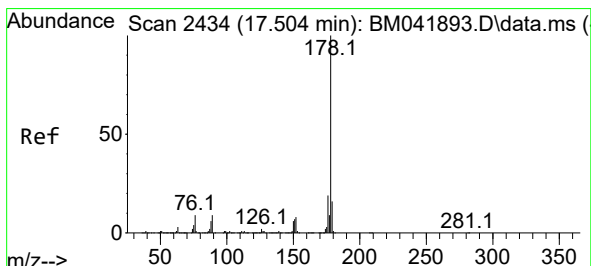
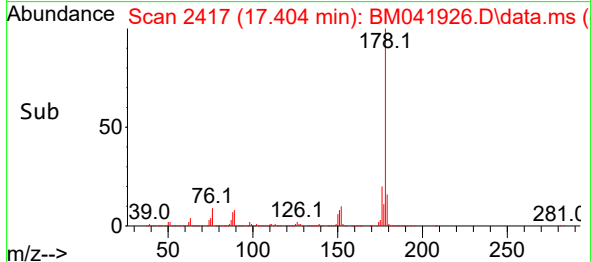
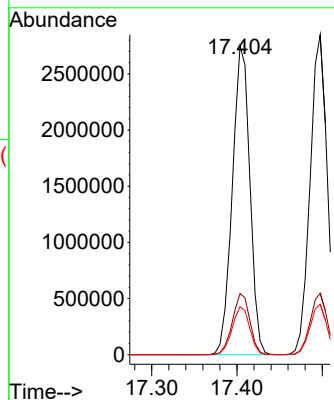
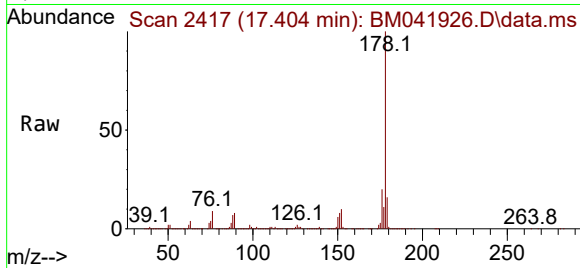




#71
Phenanthrene
Concen: 51.034 ng
RT: 17.404 min Scan# 2418
Delta R.T. -0.006 min
Lab File: BM041926.D
Acq: 20 Sep 2023 05:17

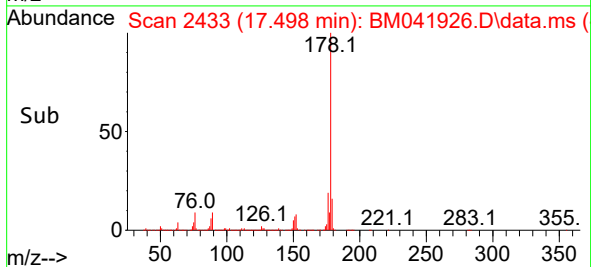
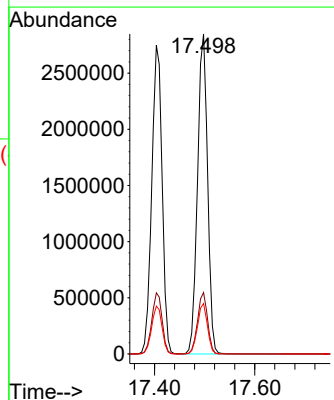
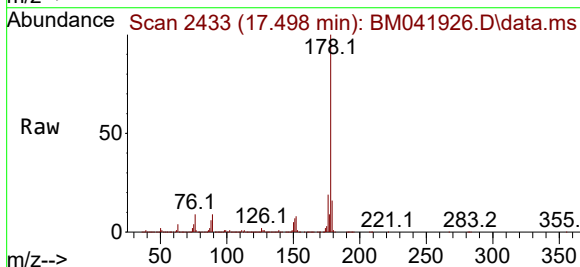
Instrument :
BNA_M
ClientSampleId :
PILE-1MS

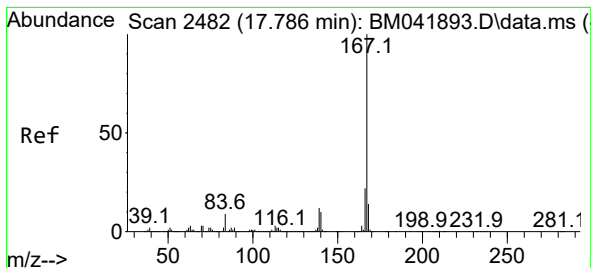
Tgt Ion:178 Resp: 3934980
Ion Ratio Lower Upper
178 100
176 19.8 15.7 23.5
179 15.5 12.4 18.6



#72
Anthracene
Concen: 50.320 ng
RT: 17.498 min Scan# 2433
Delta R.T. -0.006 min
Lab File: BM041926.D
Acq: 20 Sep 2023 05:17

Tgt Ion:178 Resp: 3957981
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.2
179 15.8 12.5 18.7





#73

Carbazole

Concen: 50.998 ng

RT: 17.780 min Scan# 24

Delta R.T. -0.006 min

Lab File: BM041926.D

Acq: 20 Sep 2023 05:17

Instrument :

BNA_M

ClientSampleId :

PILE-1MS

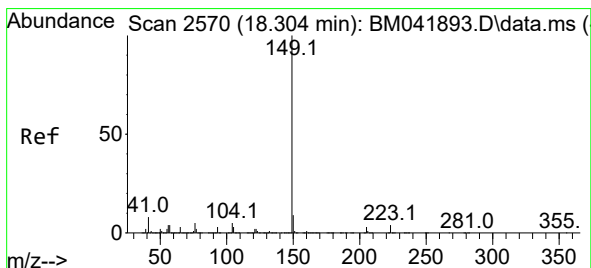
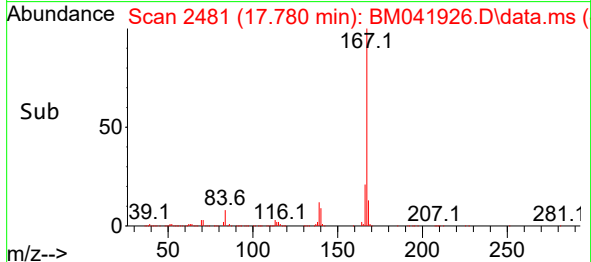
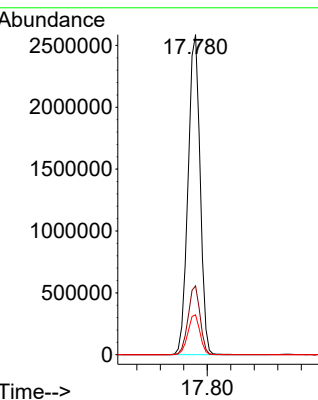
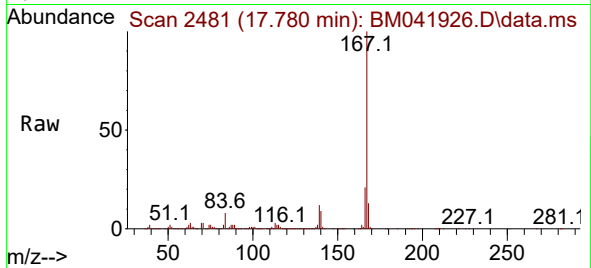
Tgt Ion:167 Resp: 3678098

Ion Ratio Lower Upper

167 100

166 21.5 17.5 26.3

139 12.5 10.0 15.0



#74

Di-n-butylphthalate

Concen: 50.668 ng

RT: 18.298 min Scan# 2569

Delta R.T. -0.006 min

Lab File: BM041926.D

Acq: 20 Sep 2023 05:17

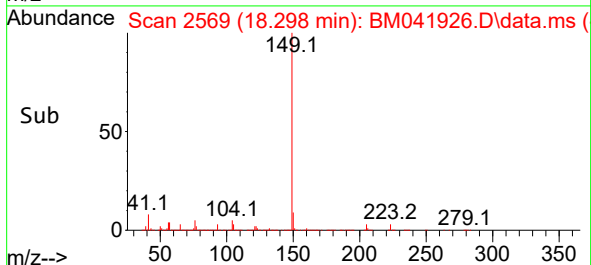
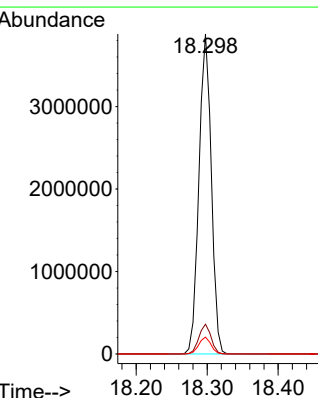
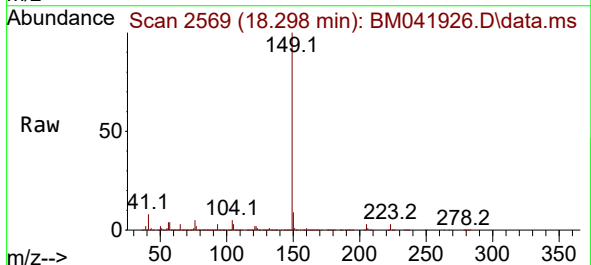
Tgt Ion:149 Resp: 4691430

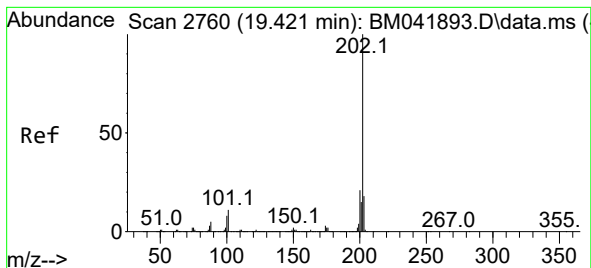
Ion Ratio Lower Upper

149 100

150 9.3 7.4 11.2

104 5.2 4.2 6.4

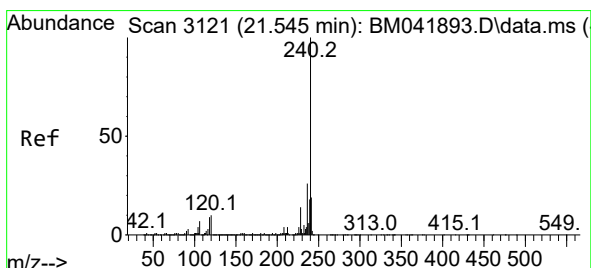
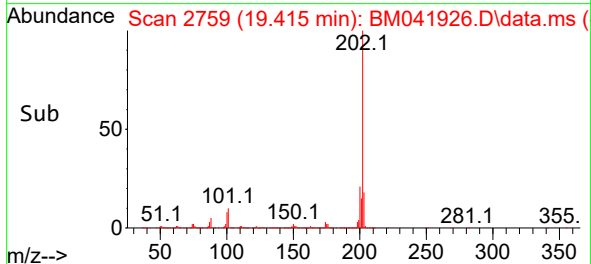
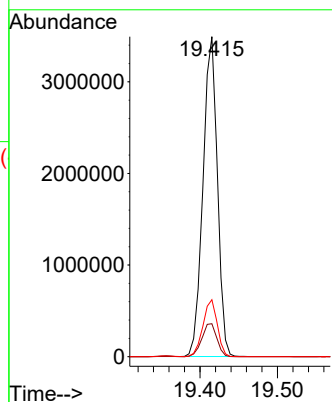
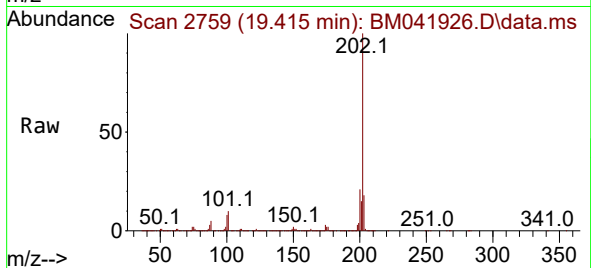




#75
Fluoranthene
Concen: 49.773 ng
RT: 19.415 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM041926.D
Acq: 20 Sep 2023 05:17

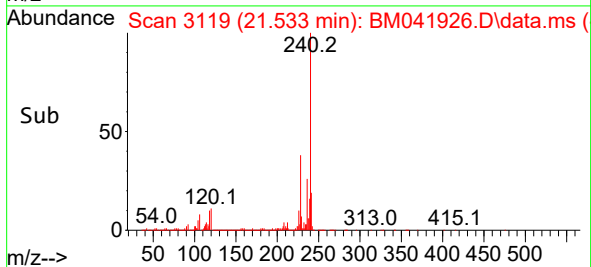
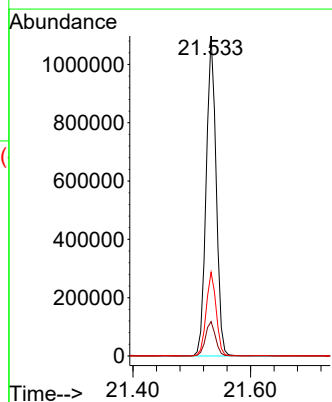
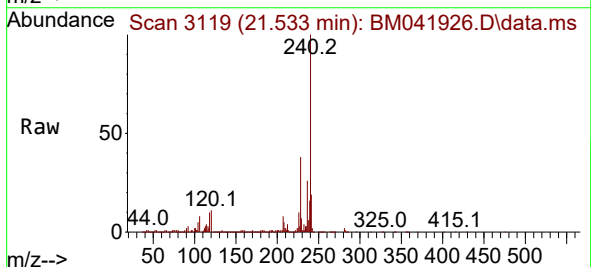
Instrument :
BNA_M
ClientSampleId :
PILE-1MS

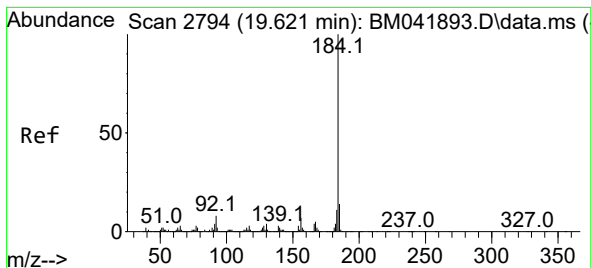
Tgt Ion:202 Resp: 4505496
Ion Ratio Lower Upper
202 100
101 10.3 0.0 30.5
203 17.8 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.533 min Scan# 3119
Delta R.T. -0.012 min
Lab File: BM041926.D
Acq: 20 Sep 2023 05:17

Tgt Ion:240 Resp: 1290614
Ion Ratio Lower Upper
240 100
120 10.7 8.1 12.1
236 26.2 20.7 31.1





#77

Benzidine

Concen: 80.235 ng

RT: 19.615 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM041926.D

Acq: 20 Sep 2023 05:17

Instrument :

BNA_M

ClientSampleId :

PILE-1MS

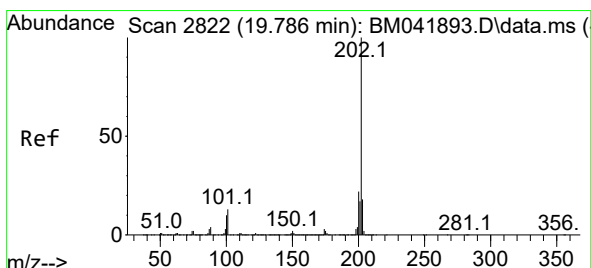
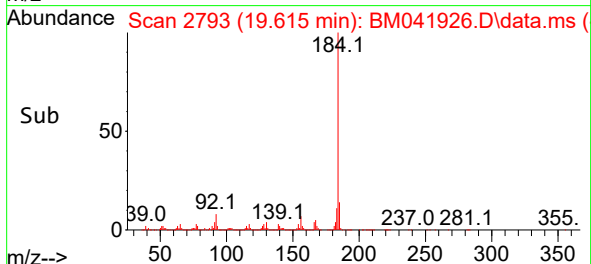
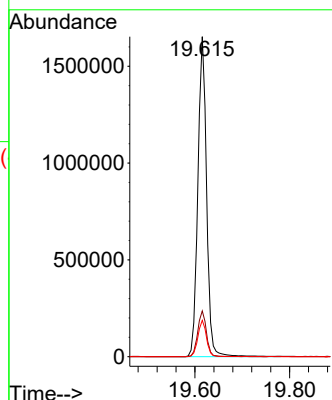
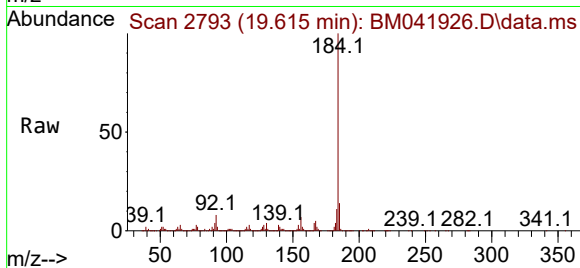
Tgt Ion:184 Resp: 2113708

Ion Ratio Lower Upper

184 100

185 14.3 11.2 16.8

183 11.4 9.1 13.7



#78

Pyrene

Concen: 51.565 ng

RT: 19.780 min Scan# 2821

Delta R.T. -0.006 min

Lab File: BM041926.D

Acq: 20 Sep 2023 05:17

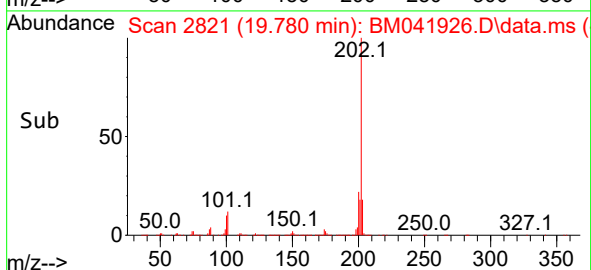
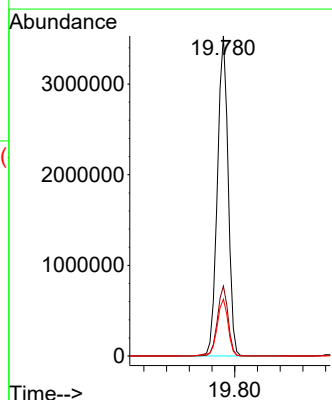
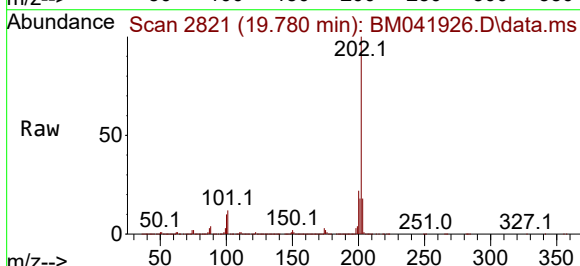
Tgt Ion:202 Resp: 4630714

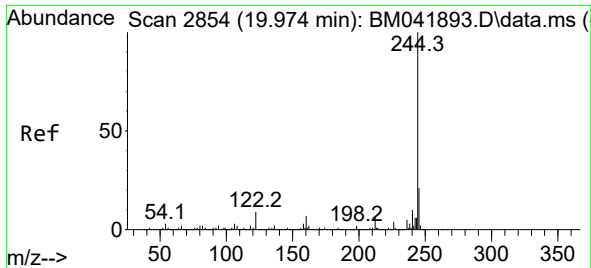
Ion Ratio Lower Upper

202 100

200 21.9 17.3 25.9

203 17.7 14.2 21.4

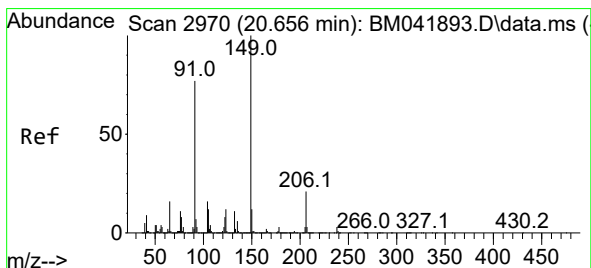
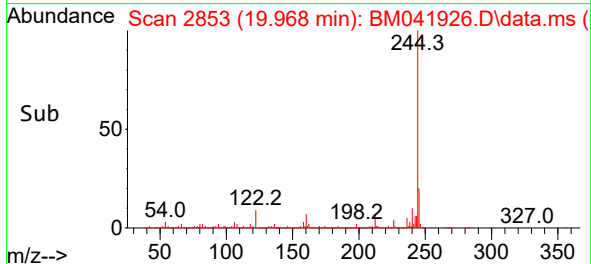
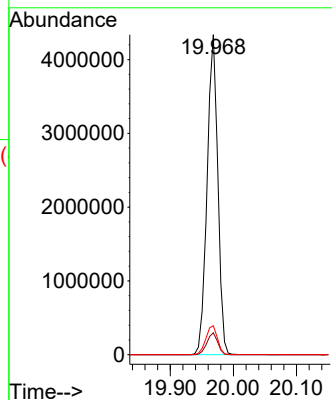
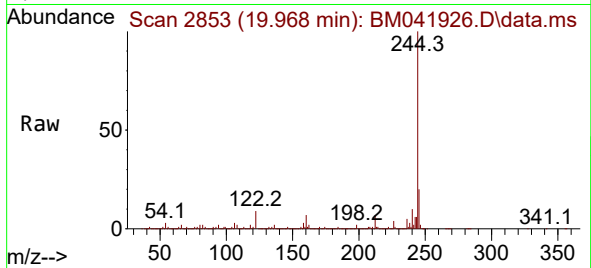




#79
 Terphenyl-d14
 Concen: 71.880 ng
 RT: 19.968 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM041926.D
 Acq: 20 Sep 2023 05:17

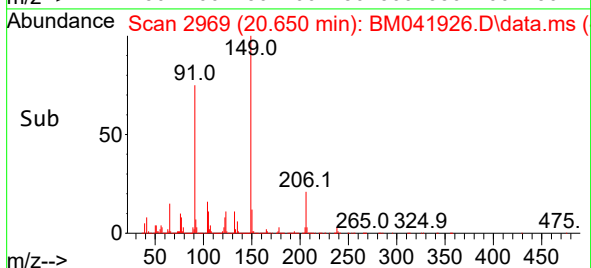
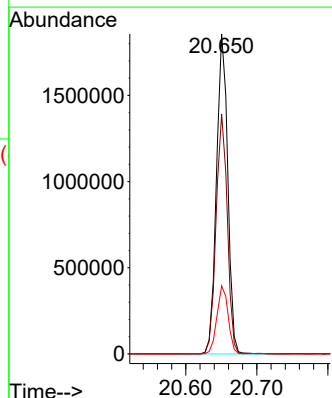
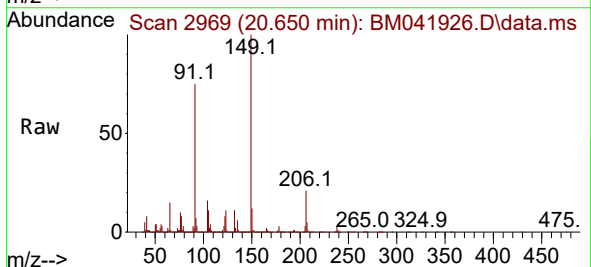
Instrument :
 BNA_M
 ClientSampleId :
 PILE-1MS

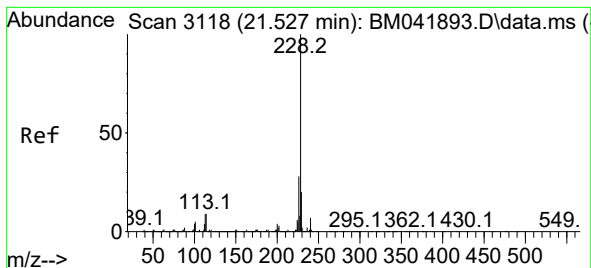
Tgt Ion:244 Resp: 5093596
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.7 8.5
 122 9.0 7.4 11.0



#80
 Butylbenzylphthalate
 Concen: 51.031 ng
 RT: 20.650 min Scan# 2969
 Delta R.T. -0.006 min
 Lab File: BM041926.D
 Acq: 20 Sep 2023 05:17

Tgt Ion:149 Resp: 2038240
 Ion Ratio Lower Upper
 149 100
 91 75.0 61.7 92.5
 206 21.3 16.9 25.3





#81

Benzo(a)anthracene

Concen: 50.095 ng

RT: 21.515 min Scan# 3116

Delta R.T. -0.012 min

Lab File: BM041926.D

Acq: 20 Sep 2023 05:17

Instrument :

BNA_M

ClientSampleId :

PILE-1MS

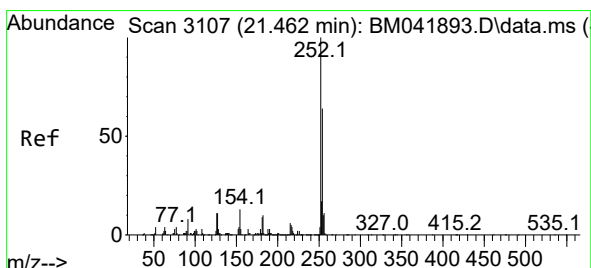
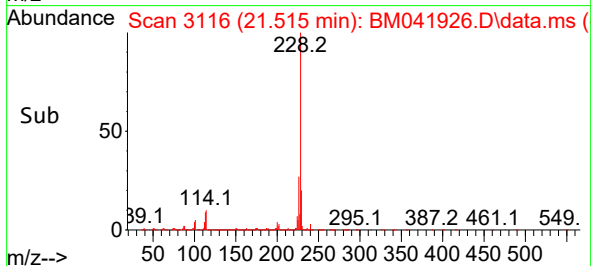
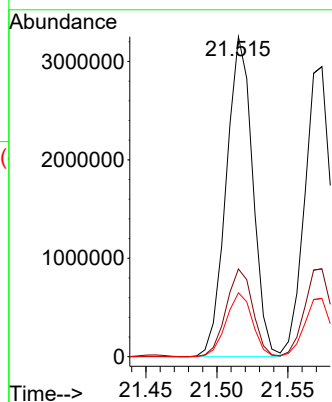
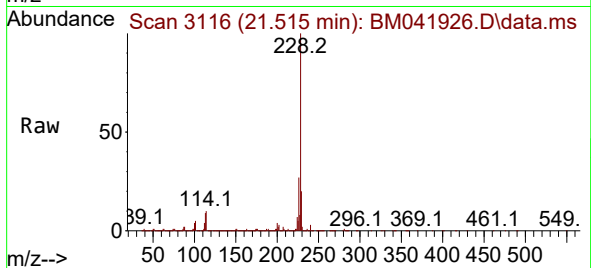
Tgt Ion:228 Resp: 4216701

Ion Ratio Lower Upper

228 100

226 27.4 22.2 33.4

229 19.9 16.1 24.1



#82

3,3'-Dichlorobenzidine

Concen: 46.081 ng

RT: 21.456 min Scan# 3106

Delta R.T. -0.006 min

Lab File: BM041926.D

Acq: 20 Sep 2023 05:17

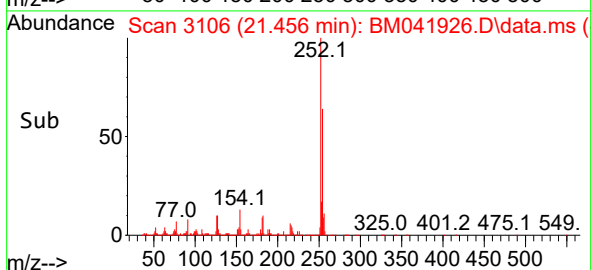
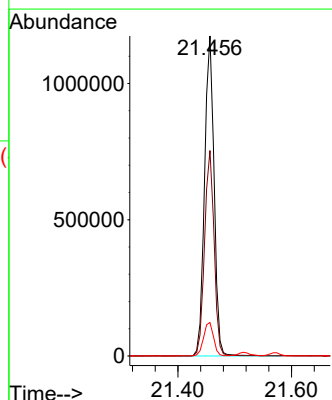
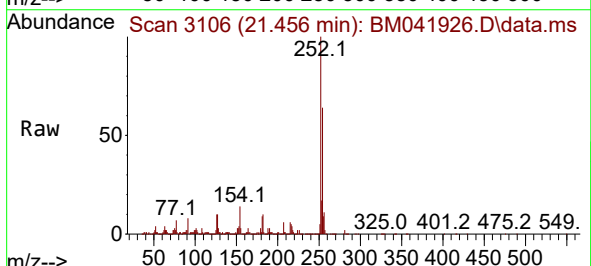
Tgt Ion:252 Resp: 1366011

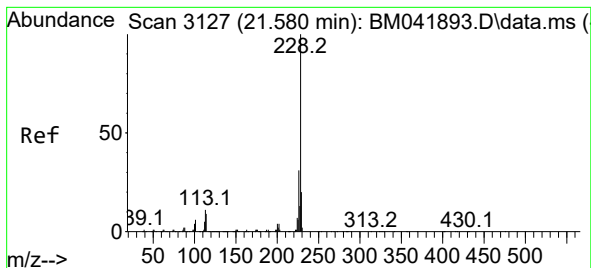
Ion Ratio Lower Upper

252 100

254 64.2 51.3 76.9

126 10.5 8.6 13.0





#83

Chrysene

Concen: 48.187 ng

RT: 21.574 min Scan# 3127

Delta R.T. -0.006 min

Lab File: BM041926.D

Acq: 20 Sep 2023 05:17

Instrument :

BNA_M

ClientSampleId :

PILE-1MS

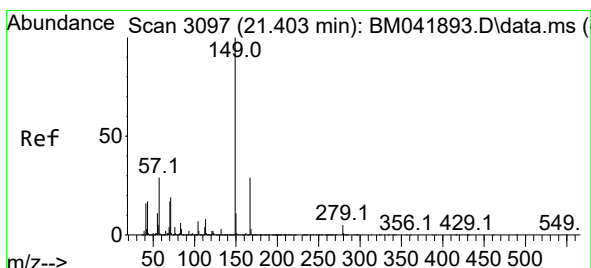
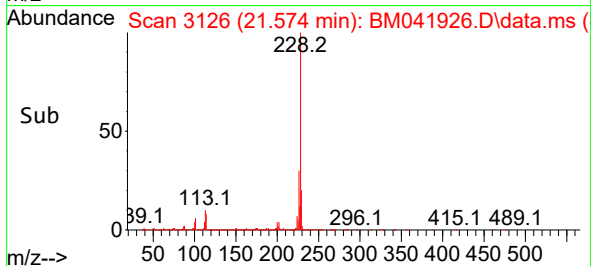
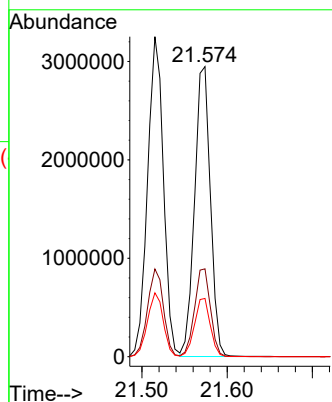
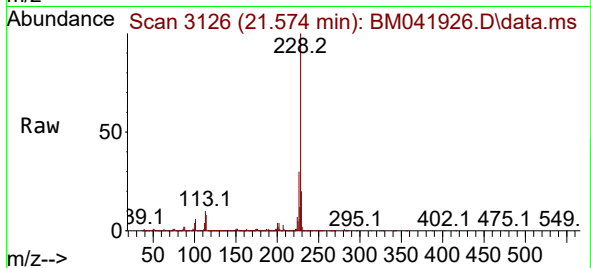
Tgt Ion:228 Resp: 3801832

Ion Ratio Lower Upper

228 100

226 30.3 24.4 36.6

229 20.1 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.694 ng

RT: 21.397 min Scan# 3096

Delta R.T. -0.006 min

Lab File: BM041926.D

Acq: 20 Sep 2023 05:17

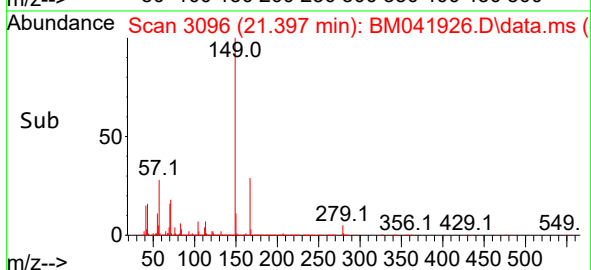
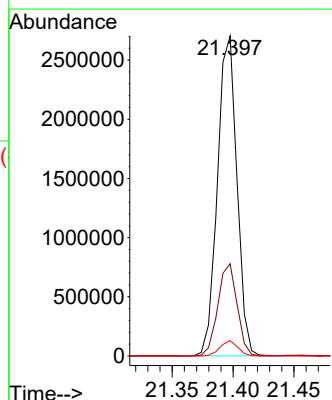
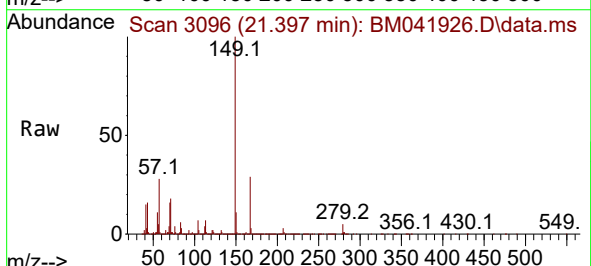
Tgt Ion:149 Resp: 3003763

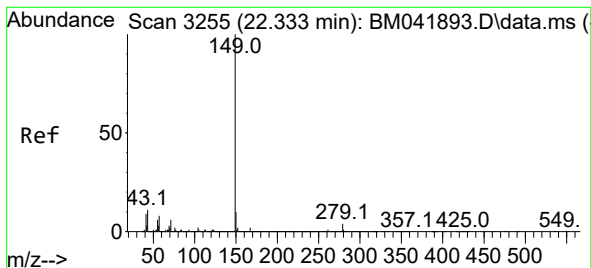
Ion Ratio Lower Upper

149 100

167 28.9 23.0 34.6

279 4.8 3.7 5.5





#85

Di-n-octyl phthalate

Concen: 50.905 ng

RT: 22.321 min Scan# 31

Delta R.T. -0.012 min

Lab File: BM041926.D

Acq: 20 Sep 2023 05:17

Instrument :

BNA_M

ClientSampleId :

PILE-1MS

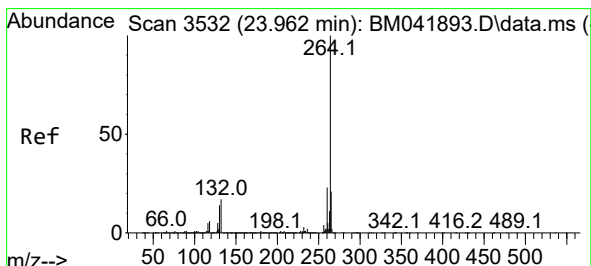
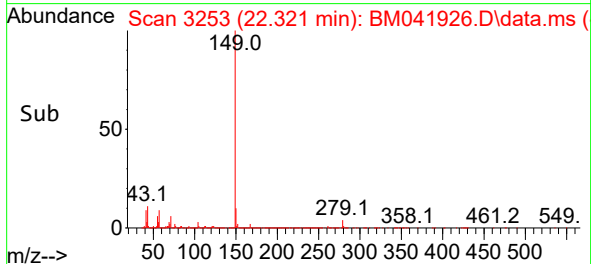
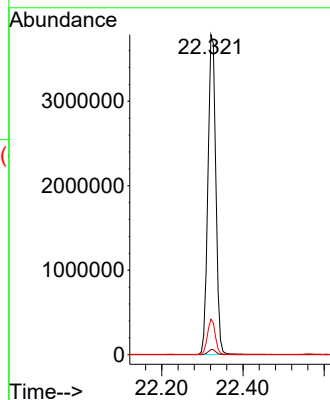
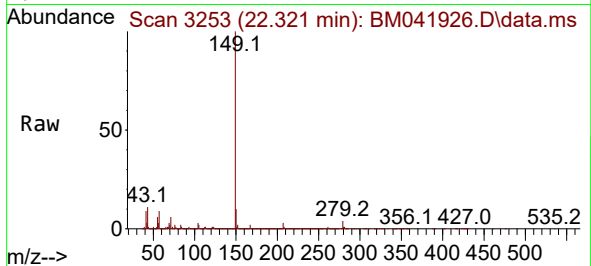
Tgt Ion:149 Resp: 5077258

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 11.0 8.7 13.1



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.944 min Scan# 3529

Delta R.T. -0.018 min

Lab File: BM041926.D

Acq: 20 Sep 2023 05:17

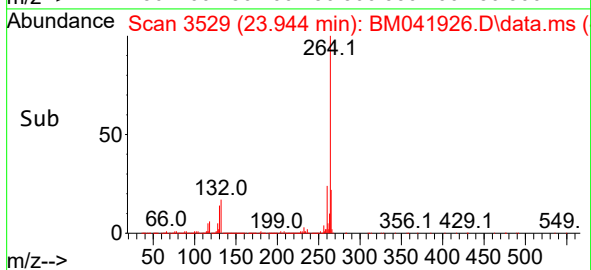
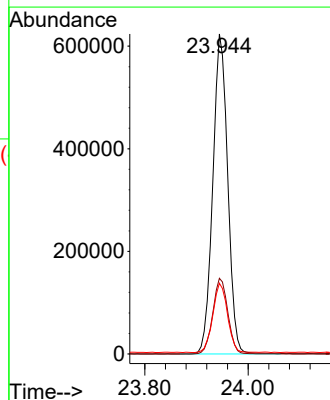
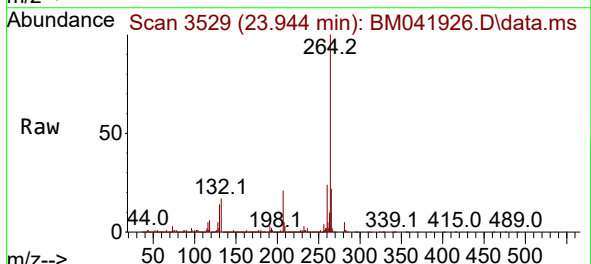
Tgt Ion:264 Resp: 1247829

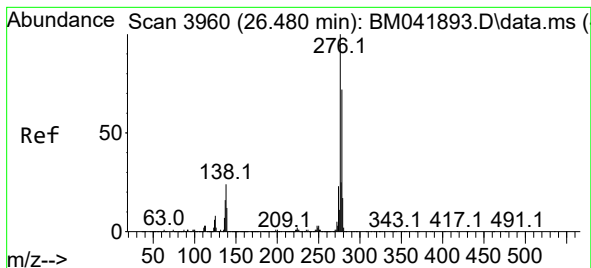
Ion Ratio Lower Upper

264 100

260 23.7 18.6 28.0

265 22.1 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 51.309 ng

RT: 26.456 min Scan# 3956

Delta R.T. -0.024 min

Lab File: BM041926.D

Acq: 20 Sep 2023 05:17

Instrument :

BNA_M

ClientSampleId :

PILE-1MS

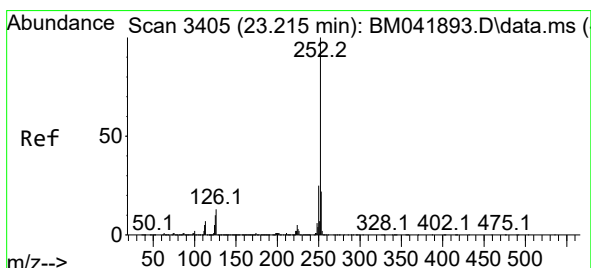
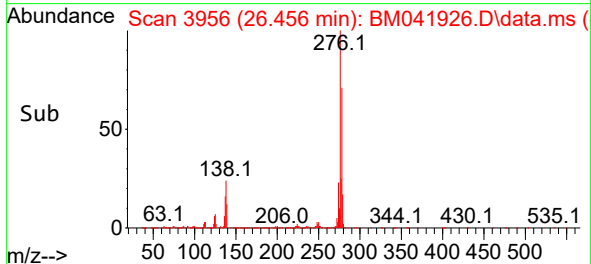
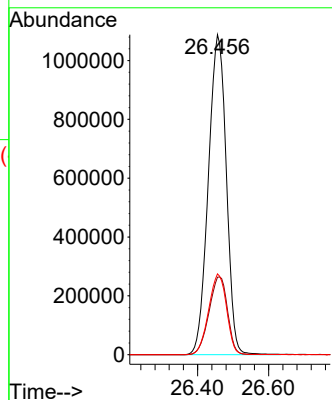
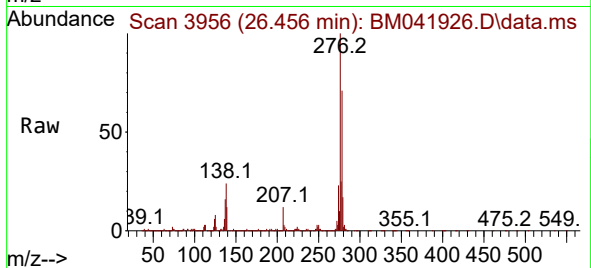
Tgt Ion:276 Resp: 3822737

Ion Ratio Lower Upper

276 100

138 25.1 19.8 29.8

277 25.2 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 51.740 ng

RT: 23.203 min Scan# 3403

Delta R.T. -0.012 min

Lab File: BM041926.D

Acq: 20 Sep 2023 05:17

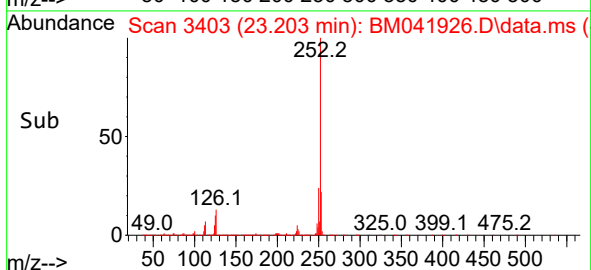
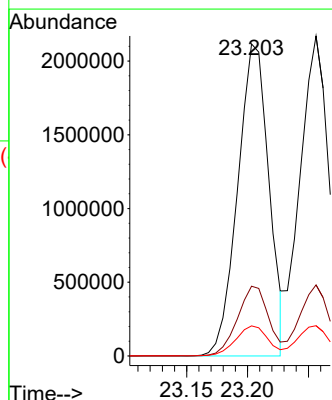
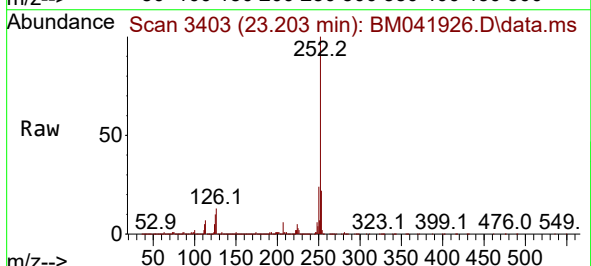
Tgt Ion:252 Resp: 3769358

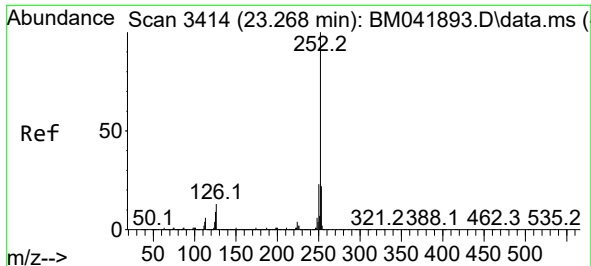
Ion Ratio Lower Upper

252 100

253 22.4 17.8 26.6

125 9.7 7.8 11.6

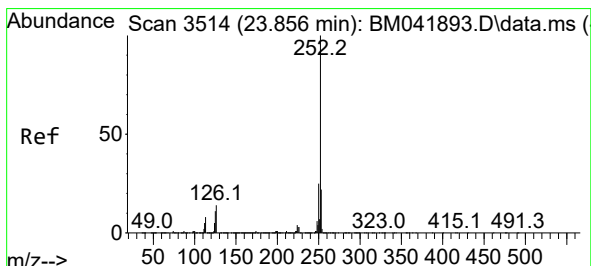
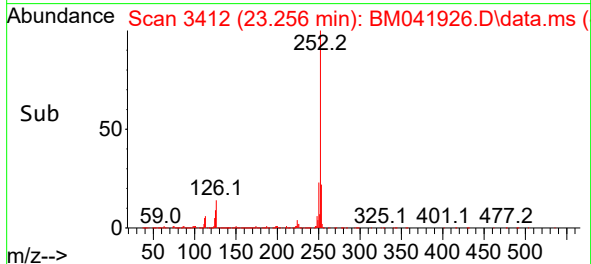
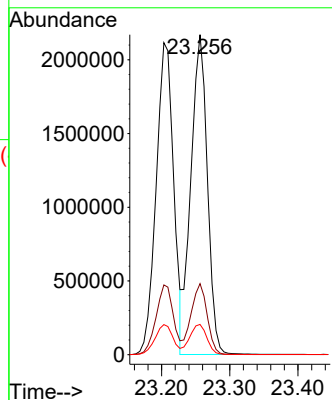
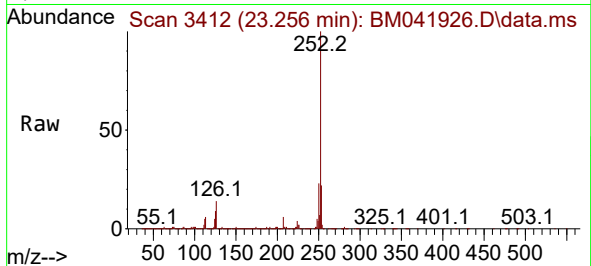




#89
Benzo(k)fluoranthene
Concen: 50.322 ng
RT: 23.256 min Scan# 3414
Delta R.T. -0.012 min
Lab File: BM041926.D
Acq: 20 Sep 2023 05:17

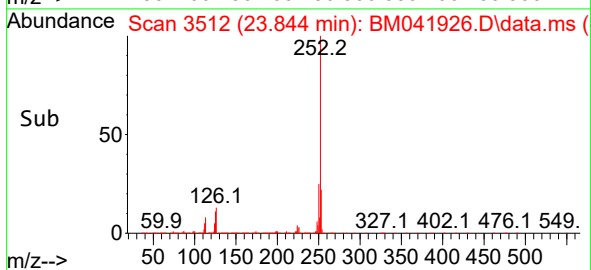
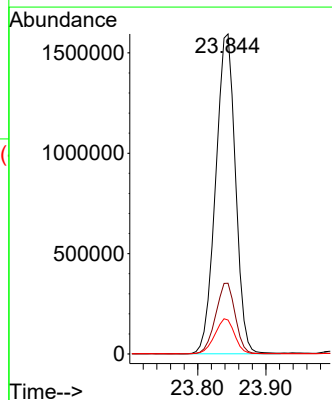
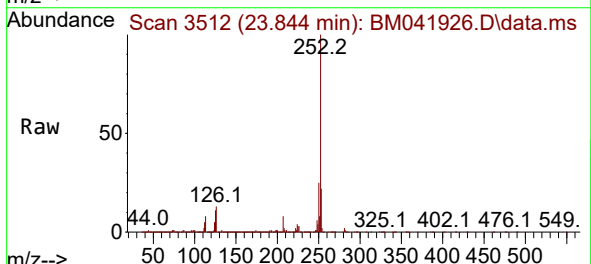
Instrument :
BNA_M
ClientSampleId :
PILE-1MS

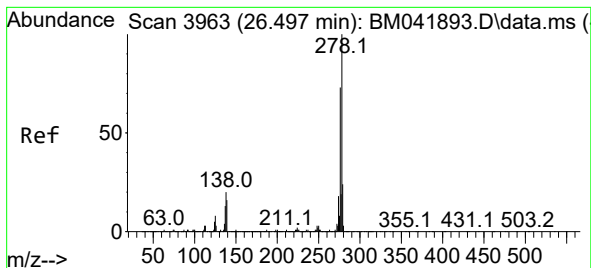
Tgt Ion:252 Resp: 3622722
Ion Ratio Lower Upper
252 100
253 22.2 17.7 26.5
125 9.5 7.7 11.5



#90
Benzo(a)pyrene
Concen: 47.172 ng
RT: 23.844 min Scan# 3512
Delta R.T. -0.012 min
Lab File: BM041926.D
Acq: 20 Sep 2023 05:17

Tgt Ion:252 Resp: 3224660
Ion Ratio Lower Upper
252 100
253 22.1 17.5 26.3
125 10.6 8.6 12.8





#91

Dibenzo(a,h)anthracene

Concen: 51.838 ng

RT: 26.474 min Scan# 3963

Delta R.T. -0.024 min

Lab File: BM041926.D

Acq: 20 Sep 2023 05:17

Instrument :

BNA_M

ClientSampleId :

PILE-1MS

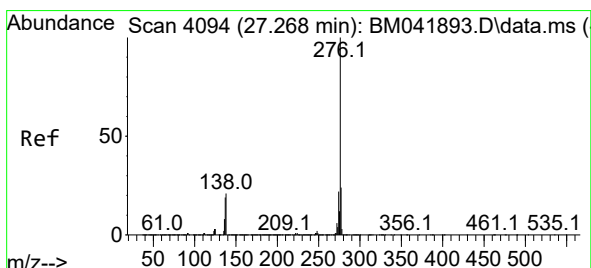
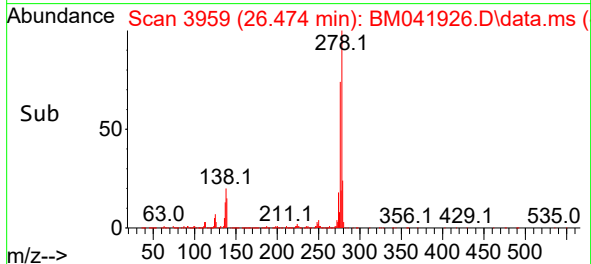
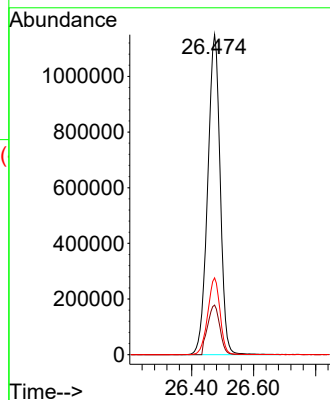
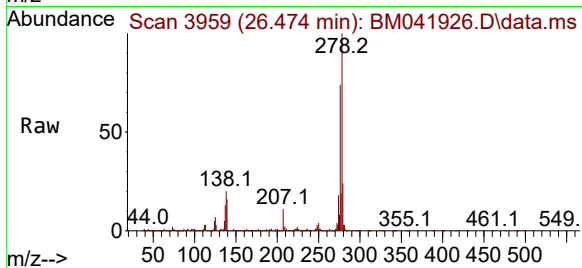
Tgt Ion:278 Resp: 3219777

Ion Ratio Lower Upper

278 100

139 15.5 12.8 19.2

279 24.0 19.2 28.8



#92

Benzo(g,h,i)perylene

Concen: 50.646 ng

RT: 27.238 min Scan# 4089

Delta R.T. -0.029 min

Lab File: BM041926.D

Acq: 20 Sep 2023 05:17

Tgt Ion:276 Resp: 3005653

Ion Ratio Lower Upper

276 100

277 23.7 19.4 29.2

138 22.1 17.0 25.4

