

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102922\
 Data File : BM037278.D
 Acq On : 29 Oct 2022 19:25
 Operator : CG/JU
 Sample : N5219-02MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BACKYARD-BOTTOM-AMS

Quant Time: Oct 31 02:08:17 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 31 01:34:15 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.875	152	509345	20.000	ng	0.00
21) Naphthalene-d8	10.675	136	1962290	20.000	ng	0.00
39) Acenaphthene-d10	14.504	164	1013176	20.000	ng	0.00
64) Phenanthrene-d10	17.245	188	1663460	20.000	ng	0.00
76) Chrysene-d12	21.421	240	1149507	20.000	ng	0.00
86) Perylene-d12	23.780	264	1212640	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	3890215	131.952	ng	0.00
7) Phenol-d6	7.051	99	5062178	126.511	ng	0.00
23) Nitrobenzene-d5	9.045	82	2988581	76.840	ng	0.00
42) 2,4,6-Tribromophenol	15.998	330	1413395	118.375	ng	0.00
45) 2-Fluorobiphenyl	13.133	172	5743163	75.317	ng	0.00
79) Terphenyl-d14	19.862	244	5323463	83.048	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.328	88	469834	38.918	ng	98
3) Pyridine	3.734	79	1286086	35.758	ng	99
4) n-Nitrosodimethylamine	3.646	42	661774	42.097	ng	99
6) Aniline	7.204	93	1820891	37.224	ng	100
8) 2-Chlorophenol	7.440	128	1634670	45.556	ng	99
9) Benzaldehyde	7.016	77	707995	34.956	ng	99
10) Phenol	7.075	94	2029191	45.259	ng	100
11) bis(2-Chloroethyl)ether	7.304	93	1570485	43.689	ng	99
12) 1,3-Dichlorobenzene	7.757	146	1746992	44.555	ng	100
13) 1,4-Dichlorobenzene	7.910	146	1779153	43.988	ng	99
14) 1,2-Dichlorobenzene	8.222	146	1703174	43.845	ng	98
15) Benzyl Alcohol	8.122	79	1303650	45.571	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.410	45	2214081	43.204	ng	99
17) 2-Methylphenol	8.328	107	1274095	43.483	ng	99
18) Hexachloroethane	8.945	117	644517	45.185	ng	100
19) n-Nitroso-di-n-propyla...	8.692	70	1147227	41.826	ng	100
20) 3+4-Methylphenols	8.657	107	1685222	41.872	ng	99
22) Acetophenone	8.704	105	2285753	44.816	ng	99
24) Nitrobenzene	9.086	77	1669172	42.331	ng	98
25) Isophorone	9.610	82	2959900	45.535	ng	100
26) 2-Nitrophenol	9.792	139	819986	46.451	ng	98
27) 2,4-Dimethylphenol	9.857	122	1249886	47.709	ng	99
28) bis(2-Chloroethoxy)met...	10.092	93	1920914	47.496	ng	99
29) 2,4-Dichlorophenol	10.328	162	1347983	44.824	ng	99
30) 1,2,4-Trichlorobenzene	10.533	180	1458316	42.762	ng	98
31) Naphthalene	10.728	128	4629390	41.640	ng	100
32) Benzoic acid	10.010	122	782821	35.038	ng	98
33) 4-Chloroaniline	10.845	127	1018267	22.994	ng	99
34) Hexachlorobutadiene	10.998	225	835088	43.853	ng	98
35) Caprolactam	11.651	113	358362	39.197	ng	95
36) 4-Chloro-3-methylphenol	11.969	107	1307261	42.182	ng	99
37) 2-Methylnaphthalene	12.333	142	3152144	41.847	ng	100
38) 1-Methylnaphthalene	12.551	142	2955657	40.158	ng	99
40) 1,2,4,5-Tetrachloroben...	12.698	216	1523406	50.008	ng	99
41) Hexachlorocyclopentadiene	12.674	237	1819048	125.329	ng	99
43) 2,4,6-Trichlorophenol	12.945	196	977907	46.631	ng	99

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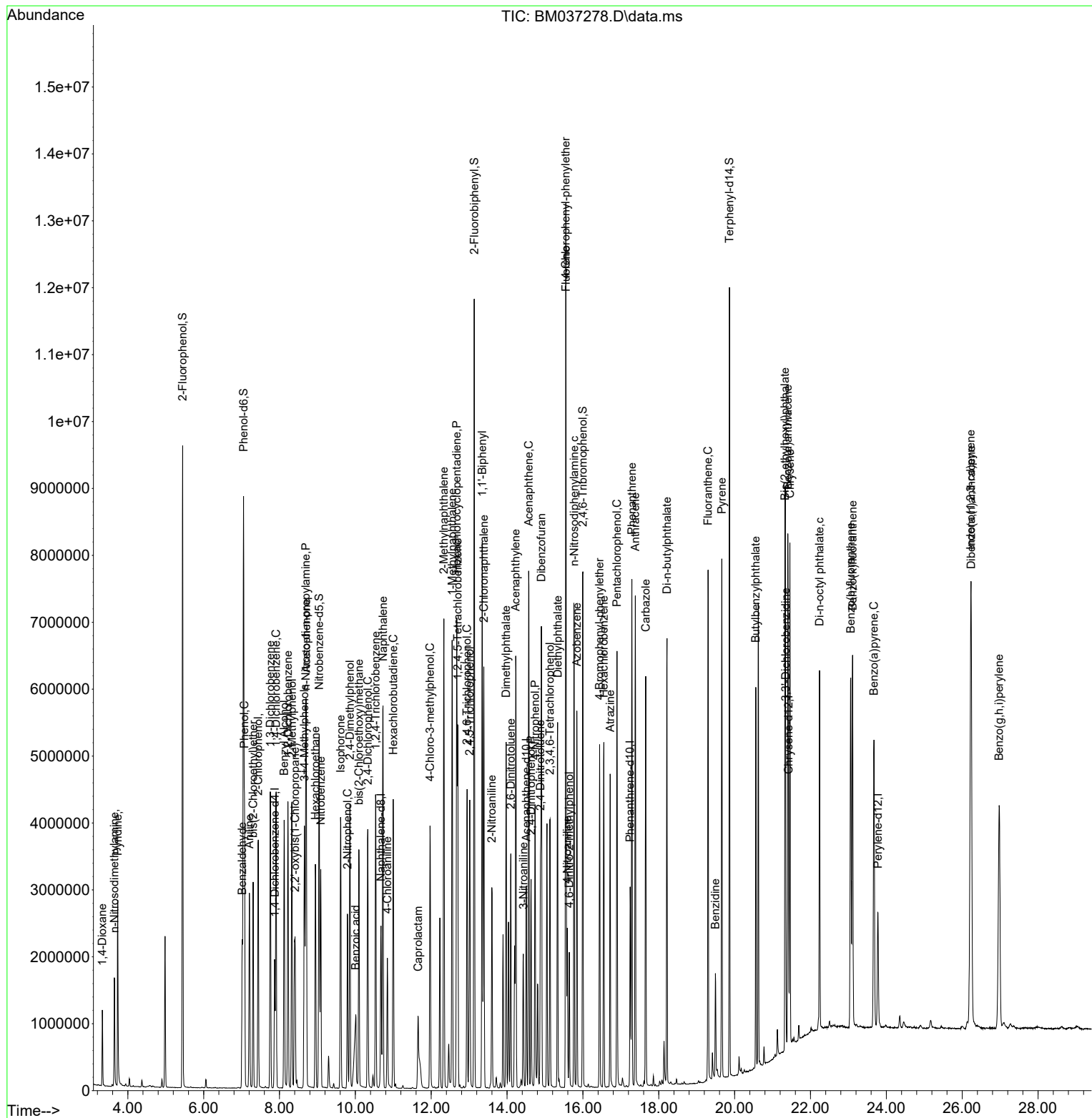
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.016	196	1044685	45.159	ng	99
46) 1,1'-Biphenyl	13.345	154	3890712	47.586	ng	100
47) 2-Chloronaphthalene	13.386	162	2924692	44.950	ng	99
48) 2-Nitroaniline	13.598	65	804998	42.814	ng	99
49) Acenaphthylene	14.227	152	4414886	43.711	ng	100
50) Dimethylphthalate	13.974	163	3222160	41.636	ng	100
51) 2,6-Dinitrotoluene	14.098	165	709106	43.269	ng	96
52) Acenaphthene	14.568	154	2671643	42.786	ng	99
53) 3-Nitroaniline	14.427	138	497966	27.198	ng	97
54) 2,4-Dinitrophenol	14.633	184	629638	60.094	ng	94
55) Dibenzofuran	14.904	168	4040591	42.013	ng	99
56) 4-Nitrophenol	14.739	139	1147538	78.567	ng	99
57) 2,4-Dinitrotoluene	14.880	165	899065	41.691	ng	99
58) Fluorene	15.551	166	3320379	41.361	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.133	232	767515	39.584	ng	99
60) Diethylphthalate	15.333	149	3065928	40.762	ng	99
61) 4-Chlorophenyl-phenyle...	15.545	204	1621897	43.670	ng	99
62) 4-Nitroaniline	15.586	138	656732	35.766	ng	99
63) Azobenzene	15.839	77	3033191	40.935	ng	99
65) 4,6-Dinitro-2-methylph...	15.639	198	392397	35.295	ng	97
66) n-Nitrosodiphenylamine	15.768	169	2652728	47.179	ng	99
67) 4-Bromophenyl-phenylether	16.439	248	902707	48.358	ng	98
68) Hexachlorobenzene	16.551	284	1051746	46.556	ng	96
69) Atrazine	16.721	200	790540	55.879	ng	99
70) Pentachlorophenol	16.898	266	1072098	81.557	ng	99
71) Phenanthrene	17.292	178	4327835	41.935	ng	100
72) Anthracene	17.380	178	4290277	43.912	ng	99
73) Carbazole	17.657	167	3725979	41.575	ng	99
74) Di-n-butylphthalate	18.215	149	4618878	46.674	ng	100
75) Fluoranthene	19.298	202	4243225	38.896	ng	100
77) Benzidine	19.492	184	1002351	58.478	ng	99
78) Pyrene	19.662	202	4240228	47.970	ng	100
80) Butylbenzylphthalate	20.556	149	1612813	51.091	ng	98
81) Benzo(a)anthracene	21.403	228	3495466	42.712	ng	99
82) 3,3'-Dichlorobenzidine	21.345	252	1186289	49.354	ng	98
83) Chrysene	21.456	228	3258390	41.326	ng	100
84) Bis(2-ethylhexyl)phtha...	21.327	149	2281450	53.848	ng	99
85) Di-n-octyl phthalate	22.239	149	3387821	50.772	ng	100
87) Indeno(1,2,3-cd)pyrene	26.227	276	4863837	48.987	ng	100
88) Benzo(b)fluoranthene	23.062	252	3669751	43.590	ng	99
89) Benzo(k)fluoranthene	23.109	252	3513378	40.914	ng	99
90) Benzo(a)pyrene	23.674	252	3232973	47.132	ng	99
91) Dibenzo(a,h)anthracene	26.238	278	4260564	51.673	ng	100
92) Benzo(g,h,i)perylene	26.974	276	4191733	52.235	ng	99

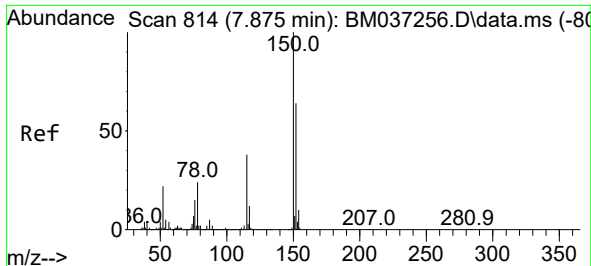
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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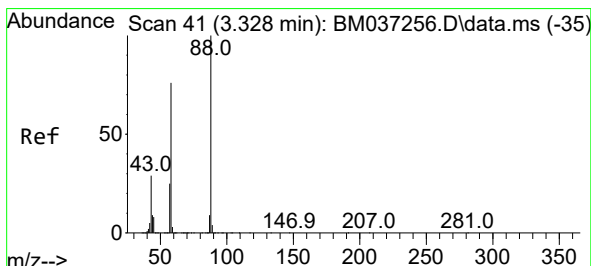
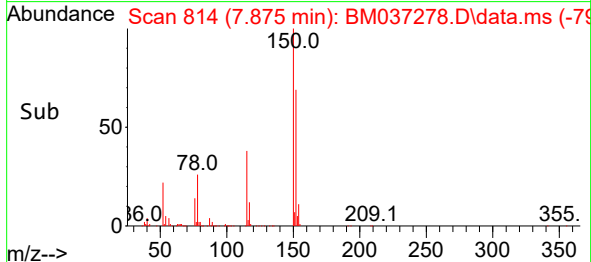
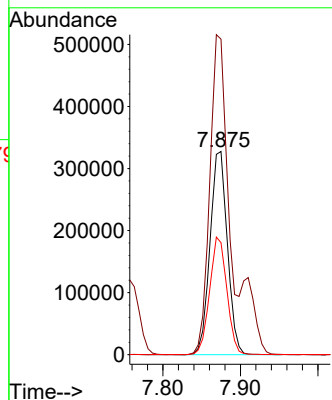
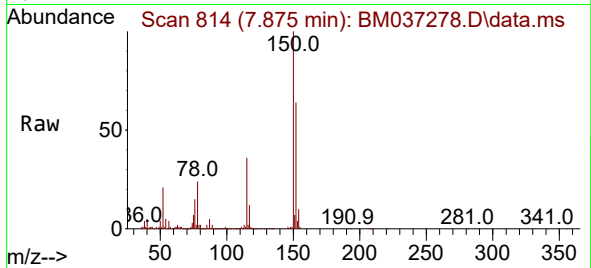




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.875 min Scan# 814
Delta R.T. -0.000 min
Lab File: BM037278.D
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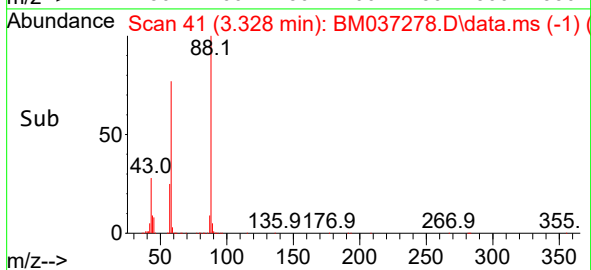
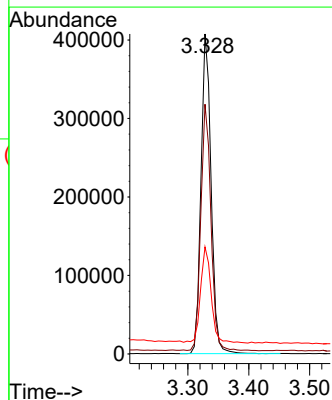
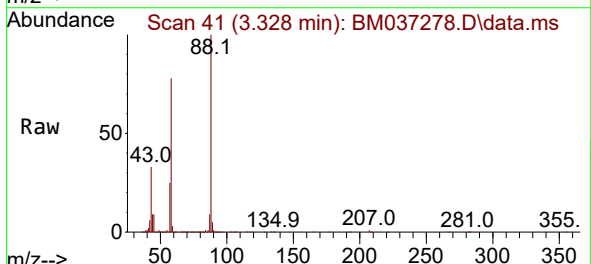
Instrument :
BNA_M
ClientSampleId :
BACKYARD-BOTTOM-AMS

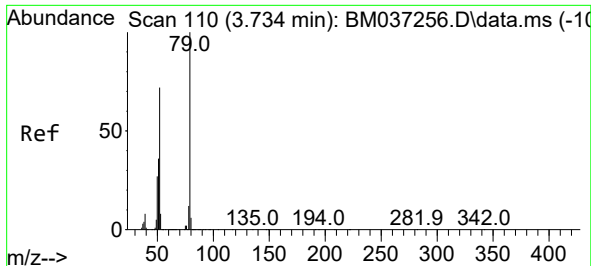
Tgt Ion:152 Resp: 509345
Ion Ratio Lower Upper
152 100
150 155.3 124.8 187.2
115 55.1 47.0 70.4



#2
1,4-Dioxane
Concen: 38.918 ng
RT: 3.328 min Scan# 41
Delta R.T. 0.000 min
Lab File: BM037278.D
Acq: 29 Oct 2022 19:25

Tgt Ion: 88 Resp: 469834
Ion Ratio Lower Upper
88 100
58 77.4 63.5 95.3
43 31.5 24.2 36.4



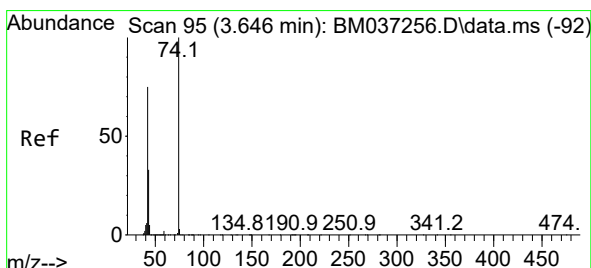
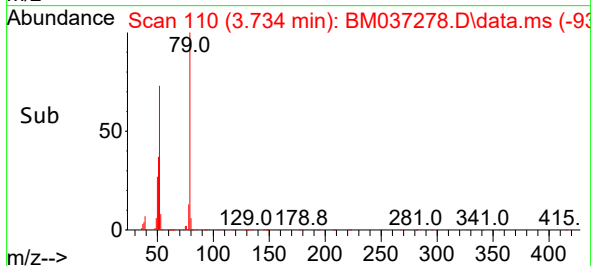
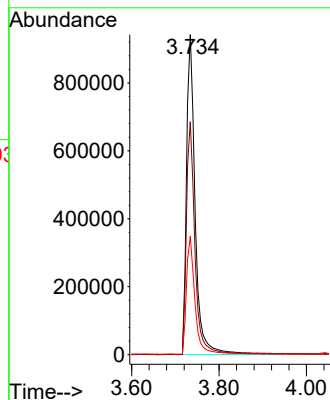
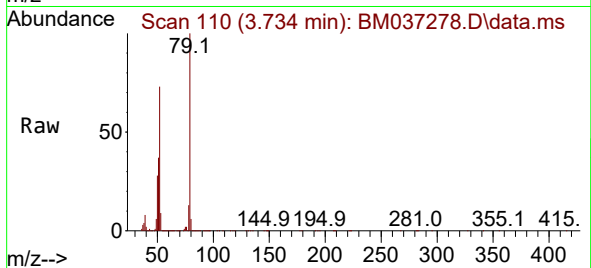


#3
Pyridine
Concen: 35.758 ng
RT: 3.734 min Scan# 110
Delta R.T. -0.000 min
Lab File: BM037278.D
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ClientSampleId :
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Tgt Ion: 79 Resp: 1286086

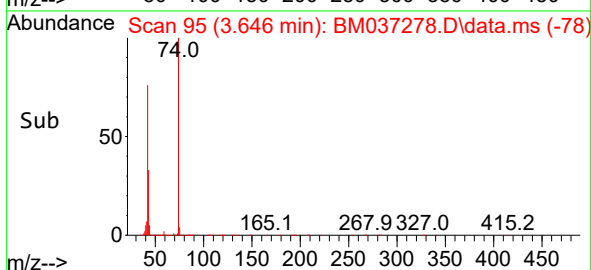
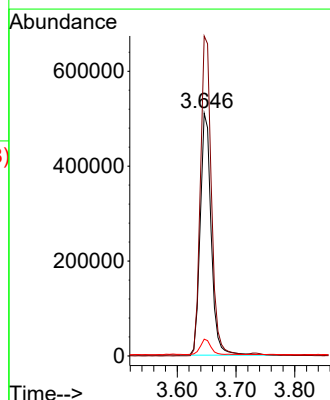
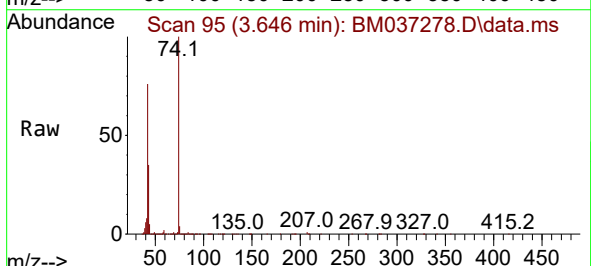
Ion	Ratio	Lower	Upper
79	100		
52	72.8	57.8	86.6
51	37.0	29.0	43.6

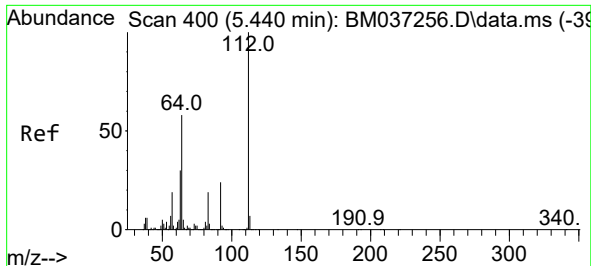


#4
n-Nitrosodimethylamine
Concen: 42.097 ng
RT: 3.646 min Scan# 95
Delta R.T. -0.000 min
Lab File: BM037278.D
Acq: 29 Oct 2022 19:25

Tgt Ion: 42 Resp: 661774

Ion	Ratio	Lower	Upper
42	100		
74	131.8	106.2	159.2
44	6.9	5.4	8.0

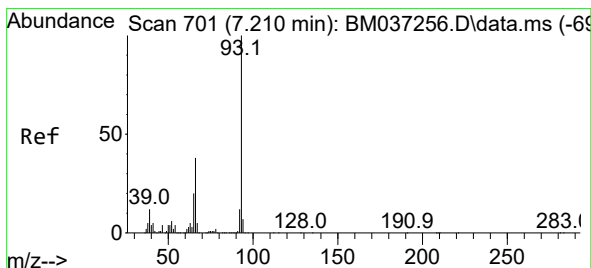
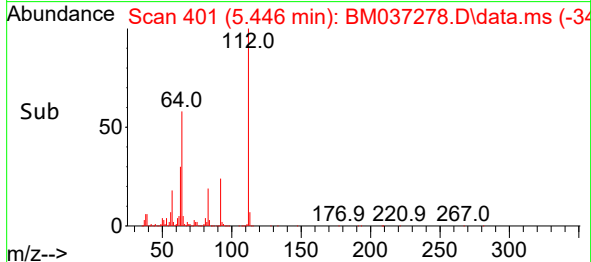
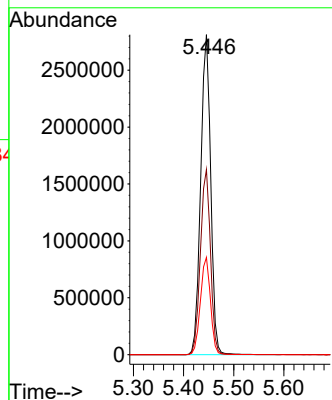
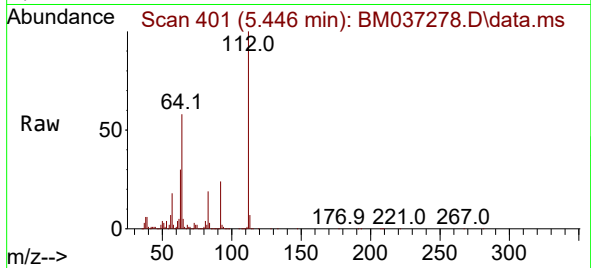




#5
2-Fluorophenol
Concen: 131.952 ng
RT: 5.446 min Scan# 400
Delta R.T. 0.006 min
Lab File: BM037278.D
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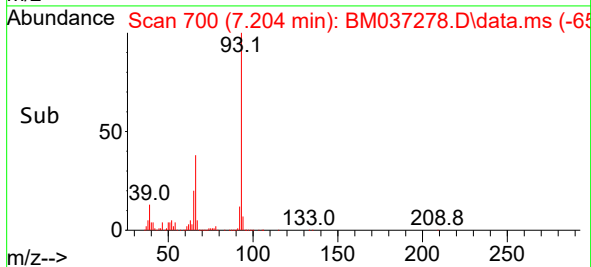
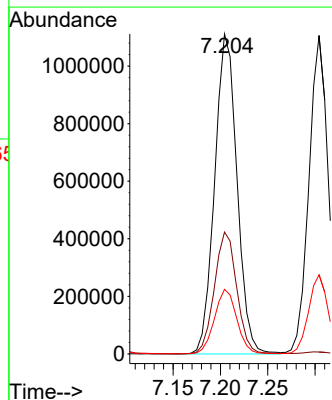
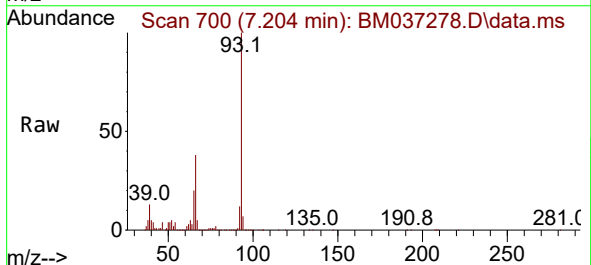
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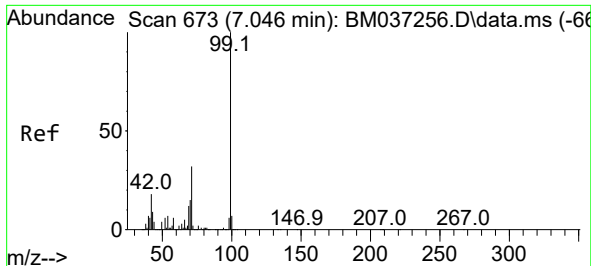
Tgt Ion:112 Resp: 3890215
Ion Ratio Lower Upper
112 100
64 57.8 46.8 70.2
63 30.4 24.4 36.6



#6
Aniline
Concen: 37.224 ng
RT: 7.204 min Scan# 700
Delta R.T. -0.006 min
Lab File: BM037278.D
Acq: 29 Oct 2022 19:25

Tgt Ion: 93 Resp: 1820891
Ion Ratio Lower Upper
93 100
66 38.1 30.4 45.6
65 20.2 16.2 24.2

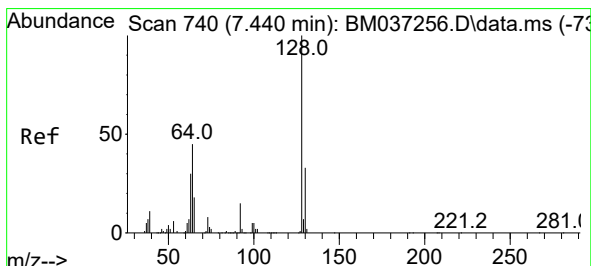
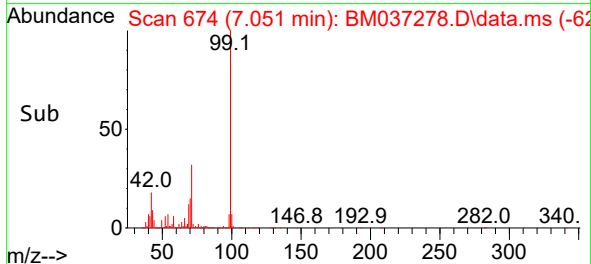
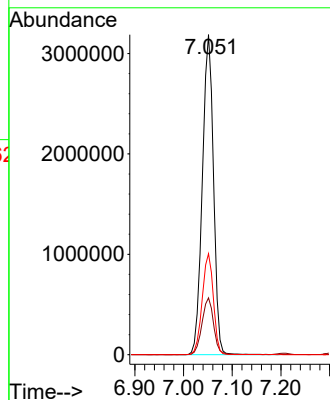
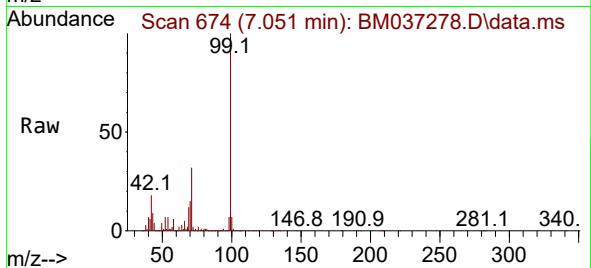




#7
Phenol-d6
Concen: 126.511 ng
RT: 7.051 min Scan# 61
Delta R.T. 0.005 min
Lab File: BM037278.D
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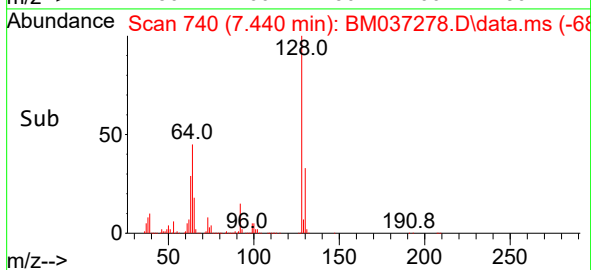
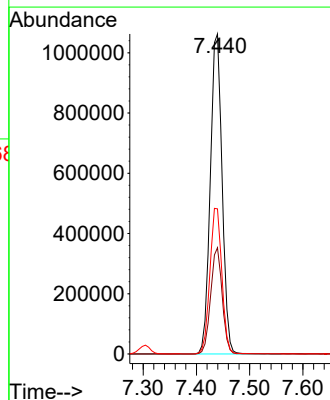
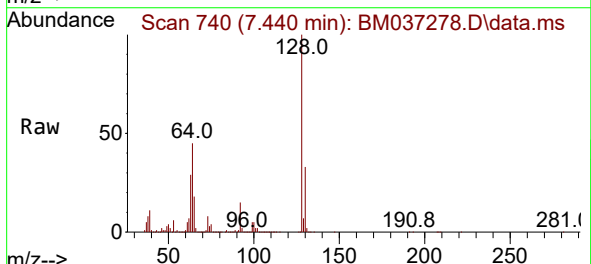
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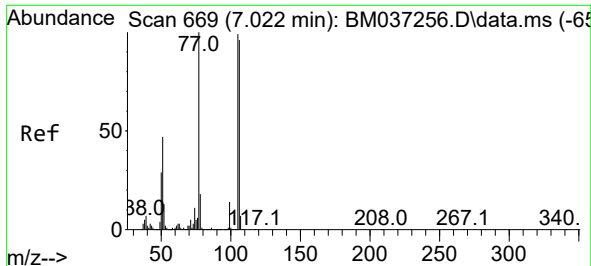
Tgt Ion: 99 Resp: 5062178
Ion Ratio Lower Upper
99 100
42 17.7 14.8 22.2
71 31.6 25.6 38.4



#8
2-Chlorophenol
Concen: 45.556 ng
RT: 7.440 min Scan# 740
Delta R.T. -0.000 min
Lab File: BM037278.D
Acq: 29 Oct 2022 19:25

Tgt Ion: 128 Resp: 1634670
Ion Ratio Lower Upper
128 100
130 33.2 12.7 52.7
64 45.3 26.4 66.4

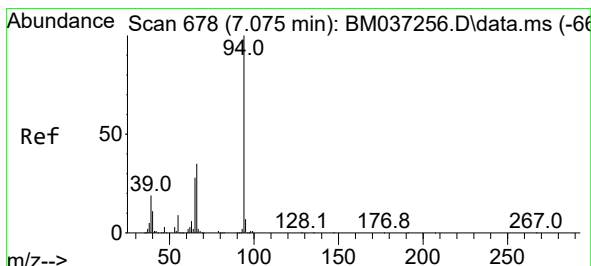
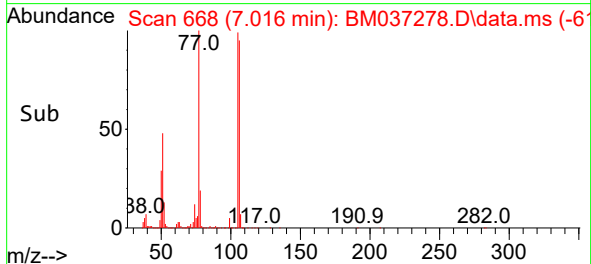
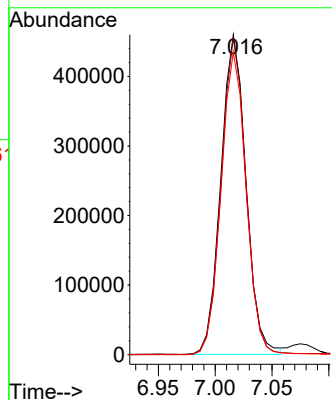
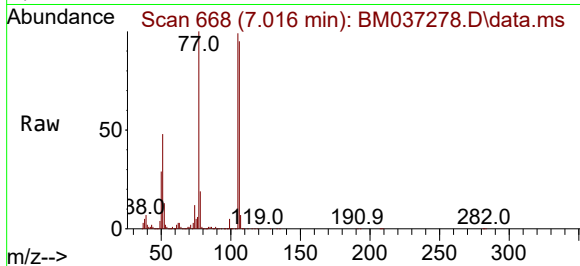




#9
Benzaldehyde
Concen: 34.956 ng
RT: 7.016 min Scan# 668
Delta R.T. -0.006 min
Lab File: BM037278.D
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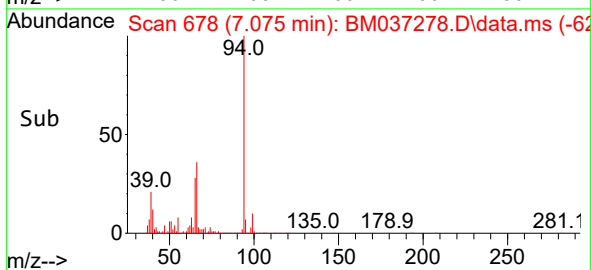
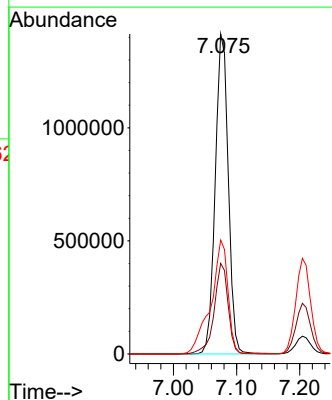
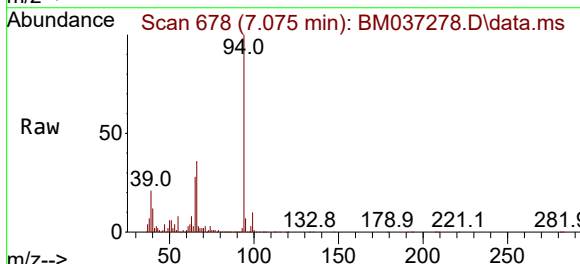
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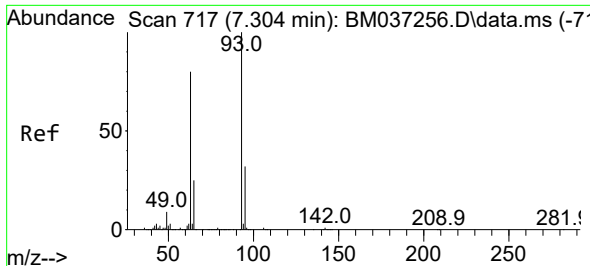
Tgt Ion: 77 Resp: 707995
Ion Ratio Lower Upper
77 100
105 98.9 78.6 118.6
106 94.5 75.8 115.8



#10
Phenol
Concen: 45.259 ng
RT: 7.075 min Scan# 678
Delta R.T. -0.000 min
Lab File: BM037278.D
Acq: 29 Oct 2022 19:25

Tgt Ion: 94 Resp: 2029191
Ion Ratio Lower Upper
94 100
65 28.3 8.1 48.1
66 35.6 15.5 55.5

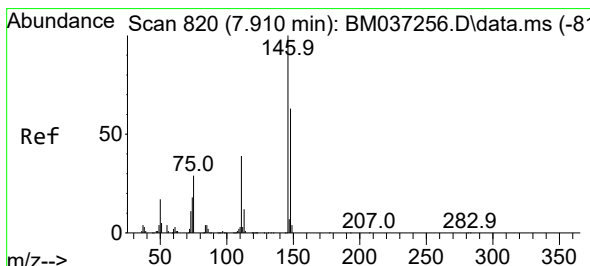
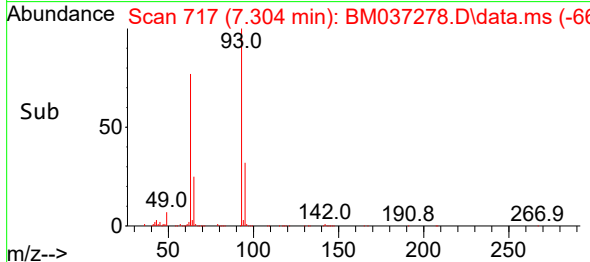
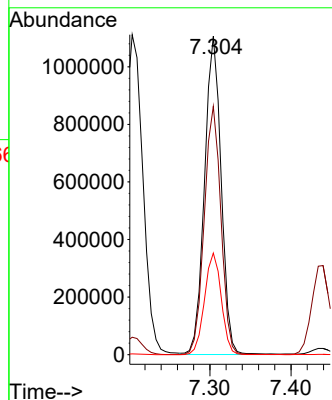
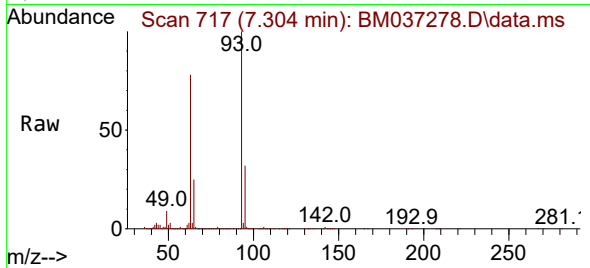




#11
bis(2-Chloroethyl)ether
Concen: 43.689 ng
RT: 7.304 min Scan# 717
Delta R.T. -0.000 min
Lab File: BM037278.D
Acq: 29 Oct 2022 19:25

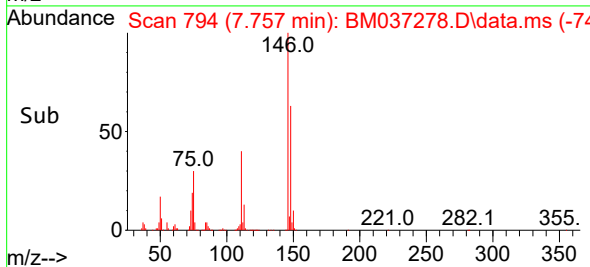
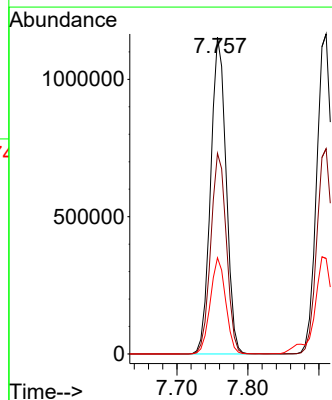
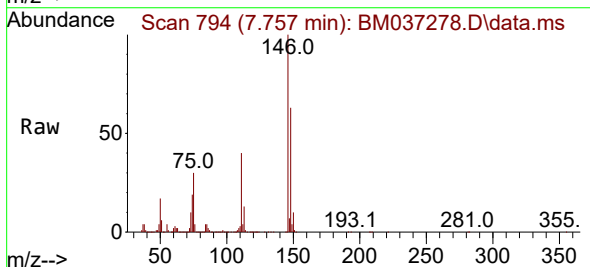
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BNA_M
ClientSampleId :
BACKYARD-BOTTOM-AMS

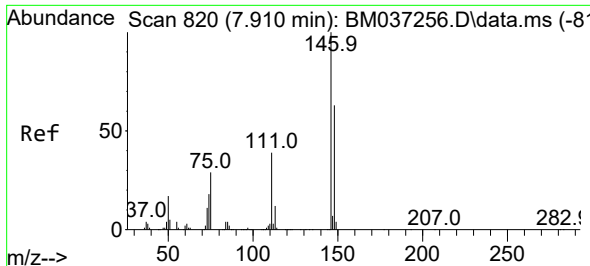
Tgt Ion: 93 Resp: 1570485
Ion Ratio Lower Upper
93 100
63 78.0 59.3 99.3
95 31.9 12.0 52.0



#12
1,3-Dichlorobenzene
Concen: 44.555 ng
RT: 7.757 min Scan# 794
Delta R.T. -0.006 min
Lab File: BM037278.D
Acq: 29 Oct 2022 19:25

Tgt Ion:146 Resp: 1746992
Ion Ratio Lower Upper
146 100
148 63.3 50.5 75.7
75 30.3 24.5 36.7

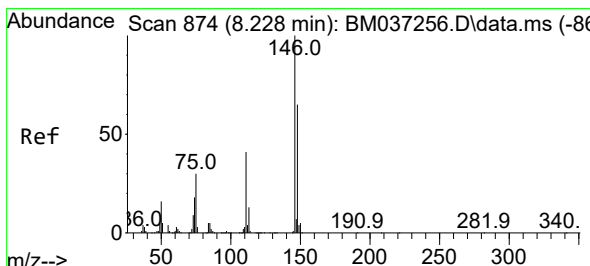
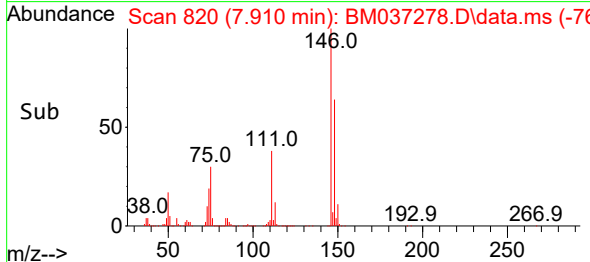
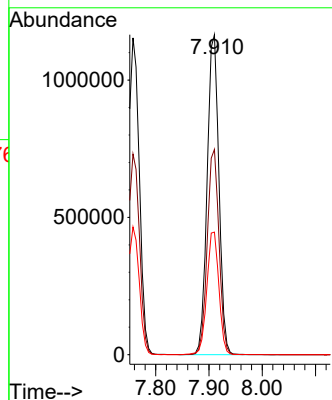
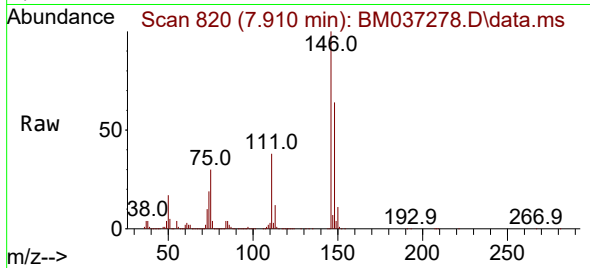




#13
1,4-Dichlorobenzene
Concen: 43.988 ng
RT: 7.910 min Scan# 81
Delta R.T. -0.000 min
Lab File: BM037278.D
Acq: 29 Oct 2022 19:25

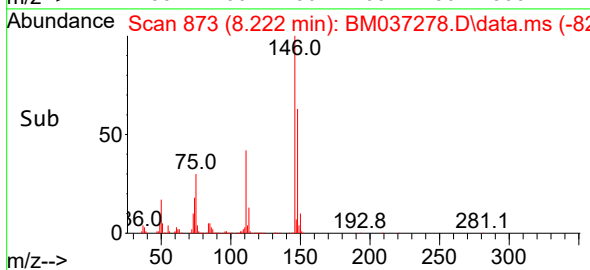
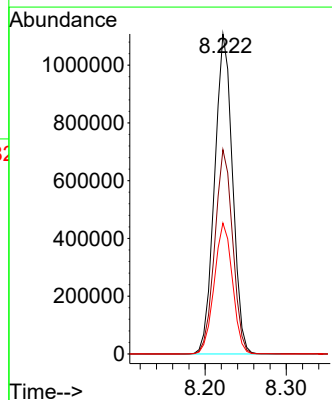
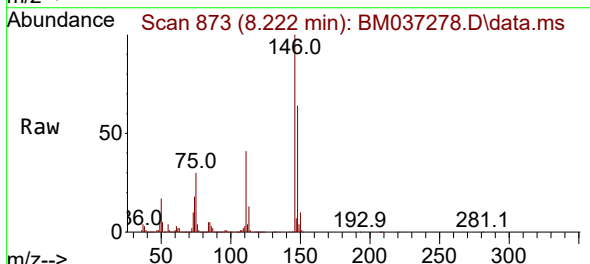
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ClientSampleId :
BACKYARD-BOTTOM-AMS

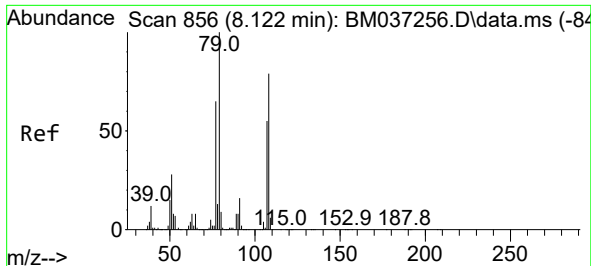
Tgt Ion:146 Resp: 1779153
Ion Ratio Lower Upper
146 100
148 64.1 50.5 75.7
111 38.3 31.1 46.7



#14
1,2-Dichlorobenzene
Concen: 43.845 ng
RT: 8.222 min Scan# 873
Delta R.T. -0.006 min
Lab File: BM037278.D
Acq: 29 Oct 2022 19:25

Tgt Ion:146 Resp: 1703174
Ion Ratio Lower Upper
146 100
148 63.8 52.4 78.6
111 40.9 33.0 49.6

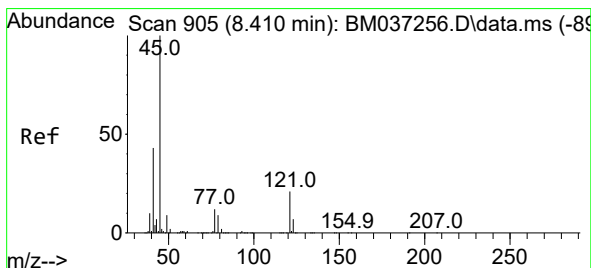
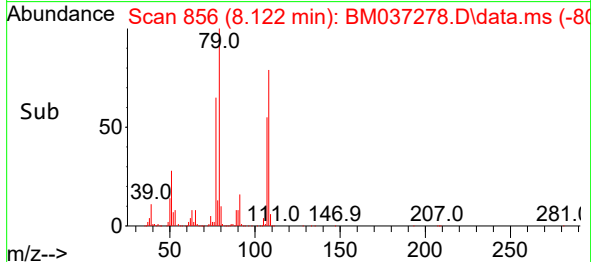
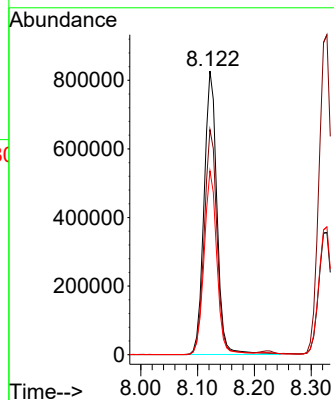
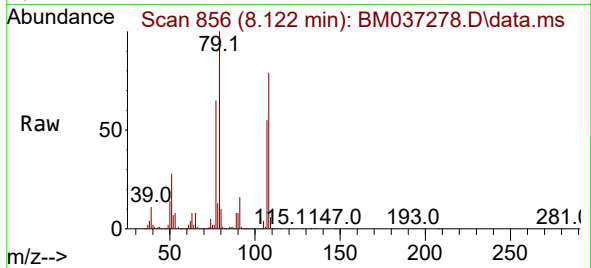




#15
Benzyl Alcohol
Concen: 45.571 ng
RT: 8.122 min Scan# 856
Delta R.T. -0.000 min
Lab File: BM037278.D
Acq: 29 Oct 2022 19:25

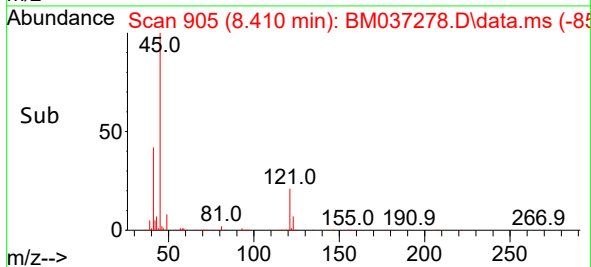
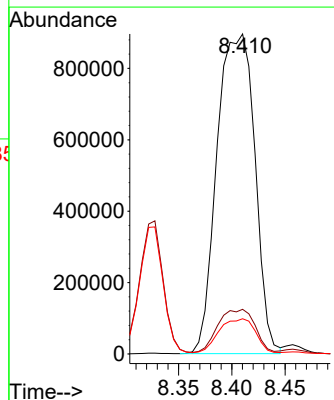
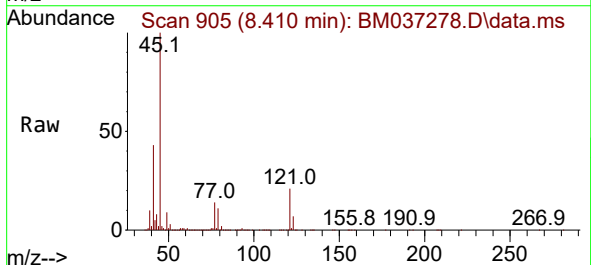
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BNA_M
ClientSampleId :
BACKYARD-BOTTOM-AMS

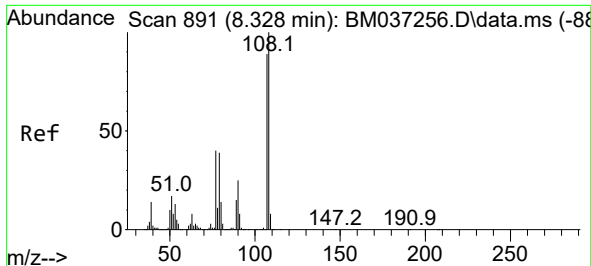
Tgt Ion: 79 Resp: 1303650
Ion Ratio Lower Upper
79 100
108 79.4 63.1 94.7
77 64.8 51.7 77.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.204 ng
RT: 8.410 min Scan# 905
Delta R.T. -0.000 min
Lab File: BM037278.D
Acq: 29 Oct 2022 19:25

Tgt Ion: 45 Resp: 2214081
Ion Ratio Lower Upper
45 100
77 13.9 0.0 34.0
79 11.0 0.0 30.6

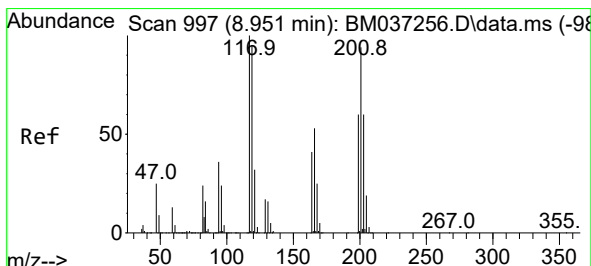
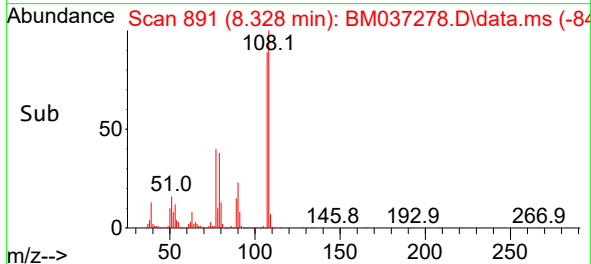
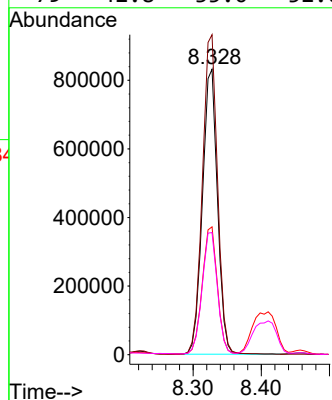
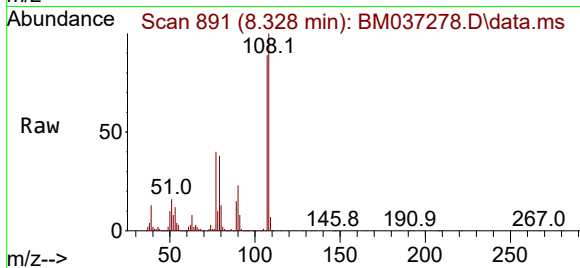




#17
2-Methylphenol
Concen: 43.483 ng
RT: 8.328 min Scan# 891
Delta R.T. -0.000 min
Lab File: BM037278.D
Acq: 29 Oct 2022 19:25

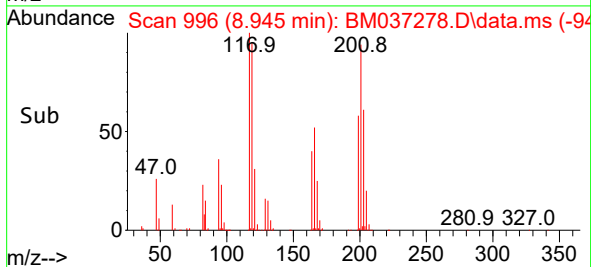
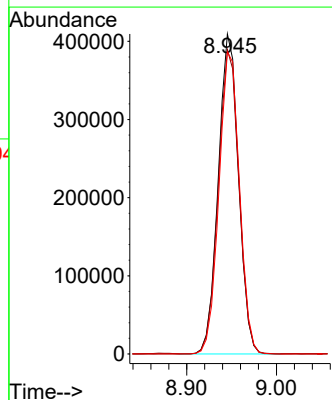
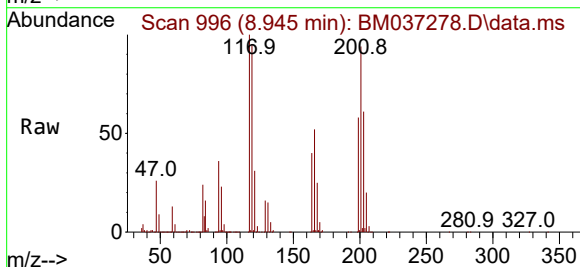
Instrument :
BNA_M
ClientSampleId :
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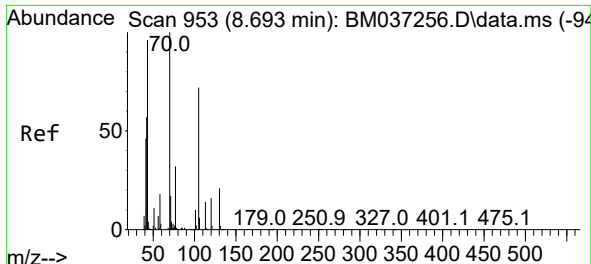
Tgt Ion:107 Resp: 1274095
Ion Ratio Lower Upper
107 100
108 112.1 89.5 134.3
77 44.8 36.2 54.2
79 42.8 35.0 52.6



#18
Hexachloroethane
Concen: 45.185 ng
RT: 8.945 min Scan# 996
Delta R.T. -0.006 min
Lab File: BM037278.D
Acq: 29 Oct 2022 19:25

Tgt Ion:117 Resp: 644517
Ion Ratio Lower Upper
117 100
119 95.0 75.9 113.9
201 94.4 75.0 112.4

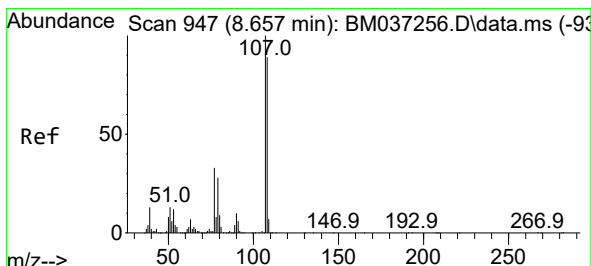
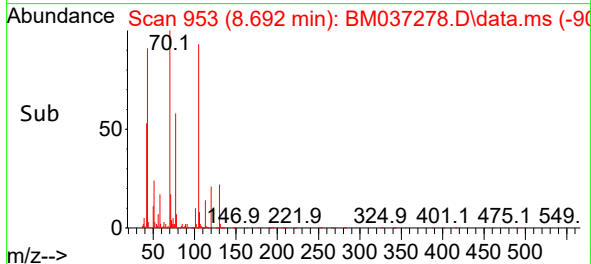
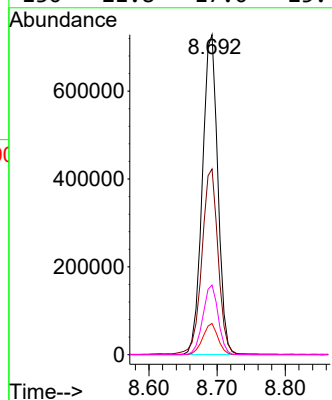
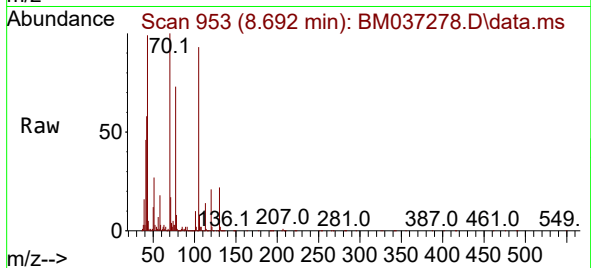




#19
n-Nitroso-di-n-propylamine
Concen: 41.826 ng
RT: 8.692 min Scan# 91
Delta R.T. -0.001 min
Lab File: BM037278.D
Acq: 29 Oct 2022 19:25

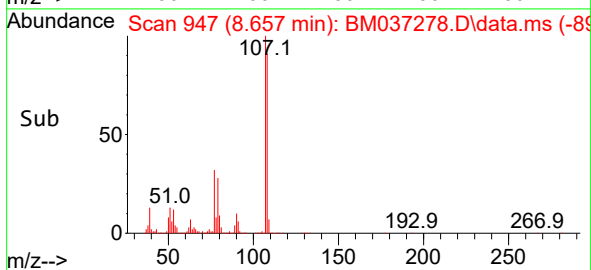
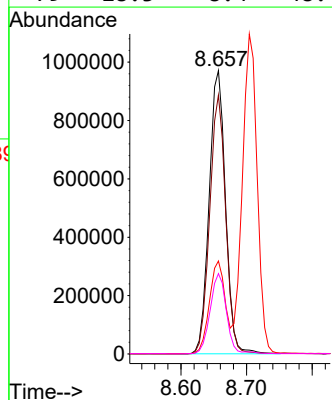
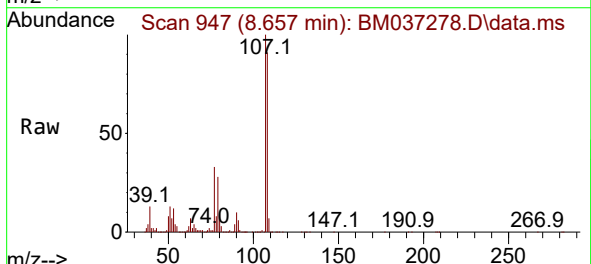
Instrument :
BNA_M
ClientSampleId :
BACKYARD-BOTTOM-AMS

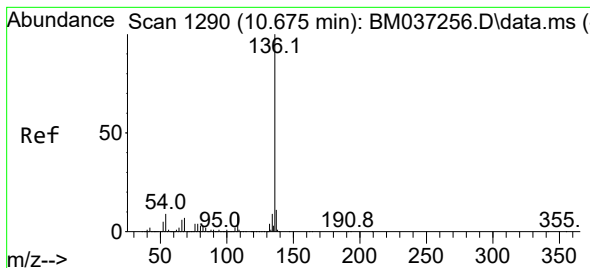
Tgt Ion: 70 Resp: 1147227
Ion Ratio Lower Upper
70 100
42 58.0 46.4 69.6
101 9.8 7.8 11.8
130 21.8 17.0 25.4



#20
3+4-Methylphenols
Concen: 41.872 ng
RT: 8.657 min Scan# 947
Delta R.T. -0.000 min
Lab File: BM037278.D
Acq: 29 Oct 2022 19:25

Tgt Ion:107 Resp: 1685222
Ion Ratio Lower Upper
107 100
108 91.4 69.4 109.4
77 32.8 12.8 52.8
79 28.3 8.4 48.4



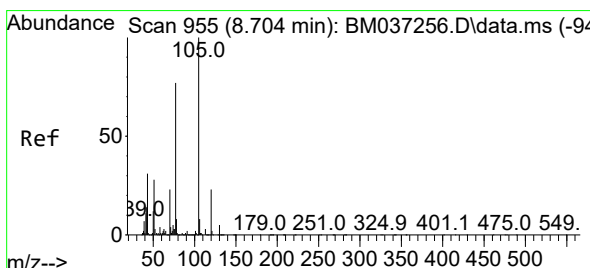
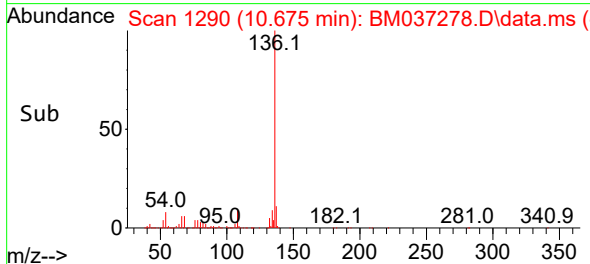
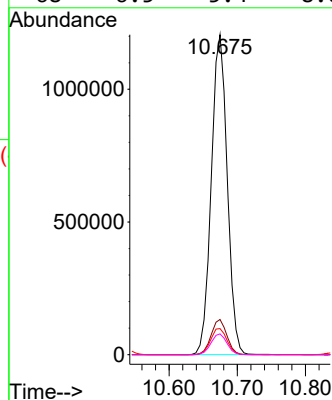
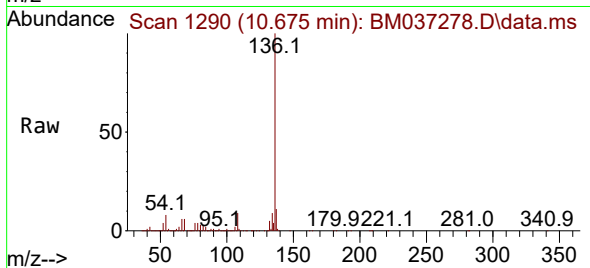


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.675 min Scan# 1290
Delta R.T. -0.000 min
Lab File: BM037278.D
Acq: 29 Oct 2022 19:25

Instrument :
BNA_M
ClientSampleId :
BACKYARD-BOTTOM-AMS

Tgt Ion:136 Resp: 1962290

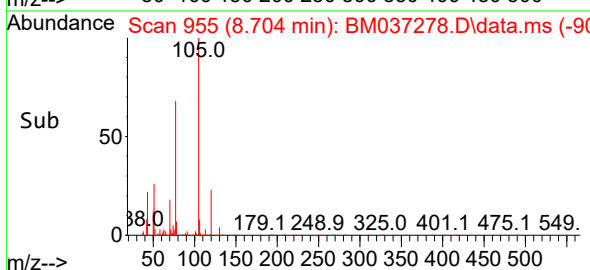
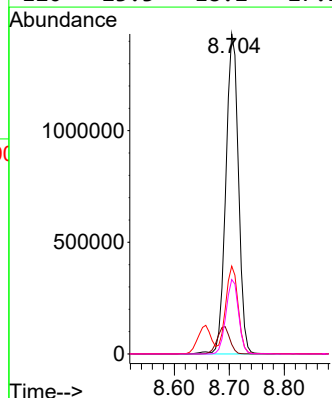
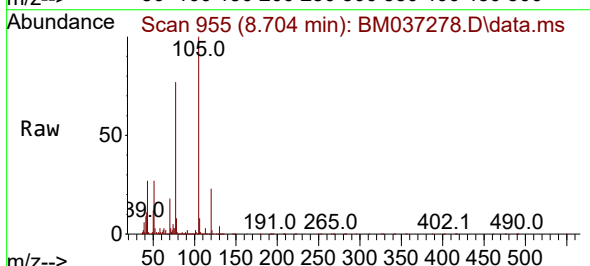
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.4
54	8.2	7.0	10.4
68	6.5	5.4	8.0

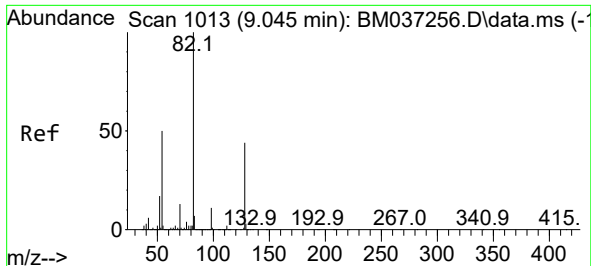


#22
Acetophenone
Concen: 44.816 ng
RT: 8.704 min Scan# 955
Delta R.T. -0.000 min
Lab File: BM037278.D
Acq: 29 Oct 2022 19:25

Tgt Ion:105 Resp: 2285753

Ion	Ratio	Lower	Upper
105	100		
71	3.0	3.0	4.4
51	27.4	22.1	33.1
120	23.3	18.2	27.2

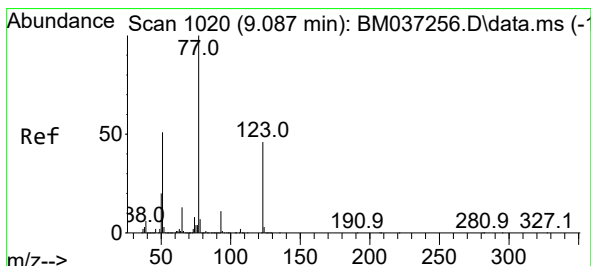
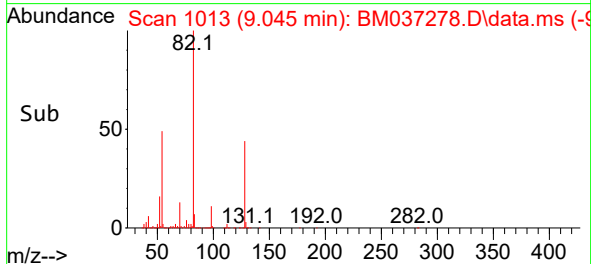
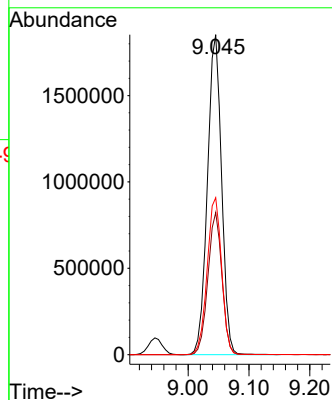
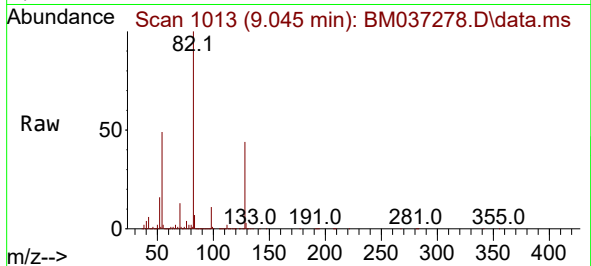




#23
Nitrobenzene-d5
Concen: 76.840 ng
RT: 9.045 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BM037278.D
Acq: 29 Oct 2022 19:25

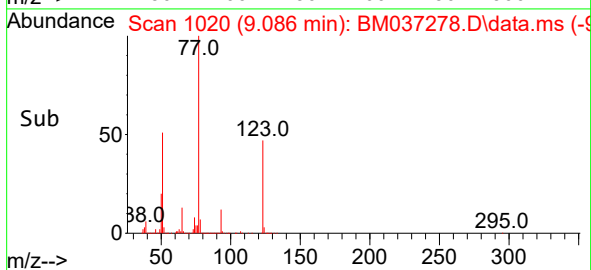
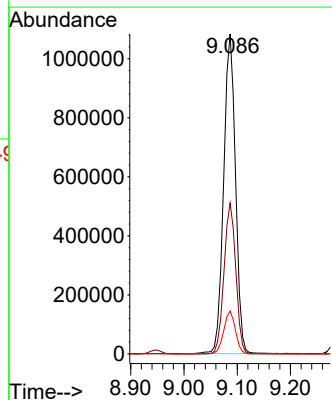
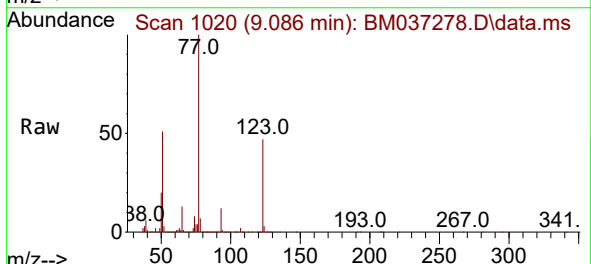
Instrument :
BNA_M
ClientSampleId :
BACKYARD-BOTTOM-AMS

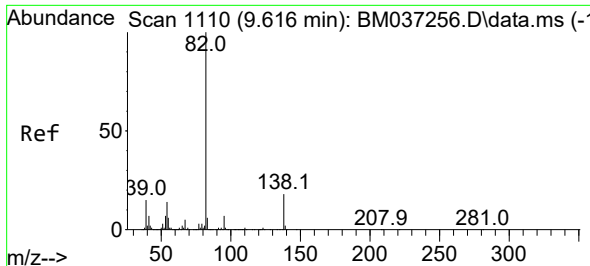
Tgt Ion: 82 Resp: 2988581
Ion Ratio Lower Upper
82 100
128 44.4 35.2 52.8
54 49.1 40.4 60.6



#24
Nitrobenzene
Concen: 42.331 ng
RT: 9.086 min Scan# 1020
Delta R.T. -0.001 min
Lab File: BM037278.D
Acq: 29 Oct 2022 19:25

Tgt Ion: 77 Resp: 1669172
Ion Ratio Lower Upper
77 100
123 47.2 36.6 55.0
65 13.4 10.6 16.0

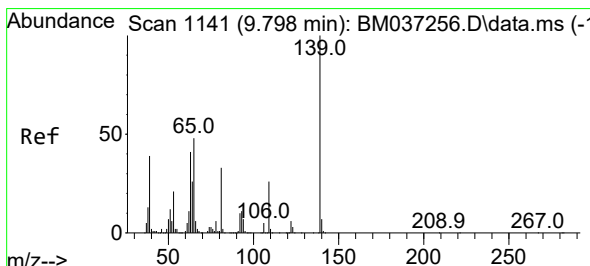
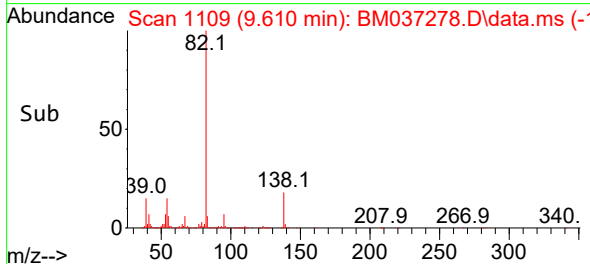
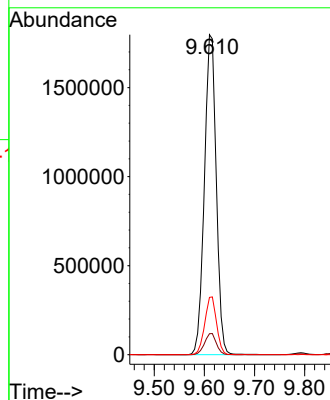
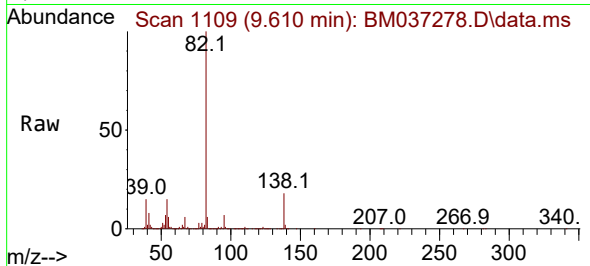




#25
Isophorone
Concen: 45.535 ng
RT: 9.610 min Scan# 1110
Delta R.T. -0.006 min
Lab File: BM037278.D
Acq: 29 Oct 2022 19:25

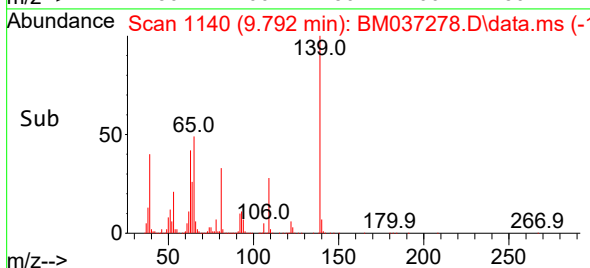
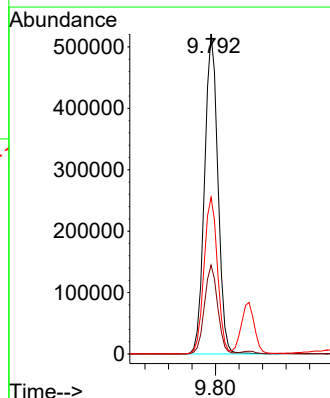
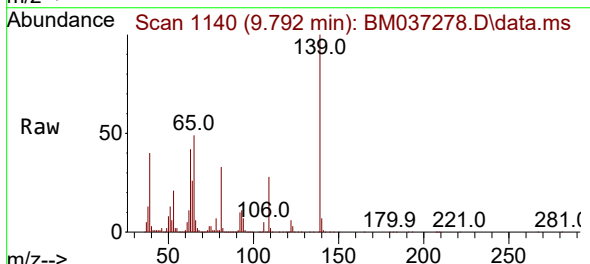
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BNA_M
ClientSampleId :
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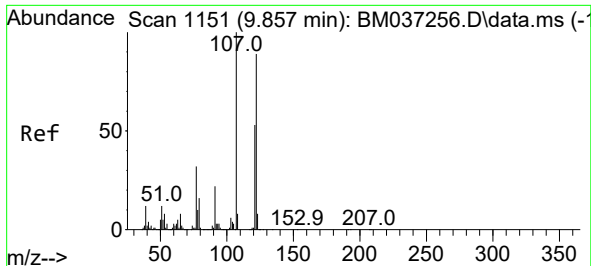
Tgt Ion: 82 Resp: 2959900
Ion Ratio Lower Upper
82 100
95 6.6 5.4 8.0
138 17.9 14.2 21.4



#26
2-Nitrophenol
Concen: 46.451 ng
RT: 9.792 min Scan# 1140
Delta R.T. -0.006 min
Lab File: BM037278.D
Acq: 29 Oct 2022 19:25

Tgt Ion: 139 Resp: 819986
Ion Ratio Lower Upper
139 100
109 27.8 21.1 31.7
65 49.0 38.6 58.0

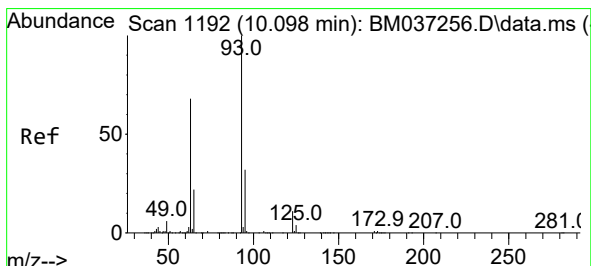
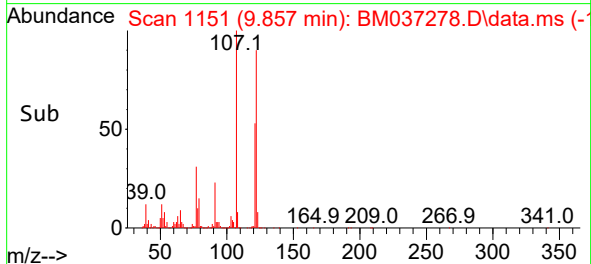
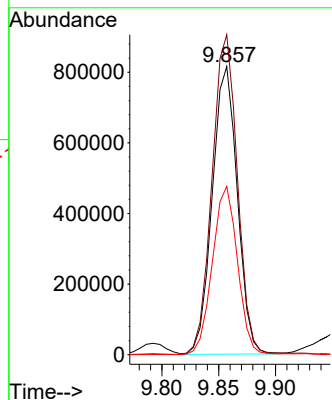
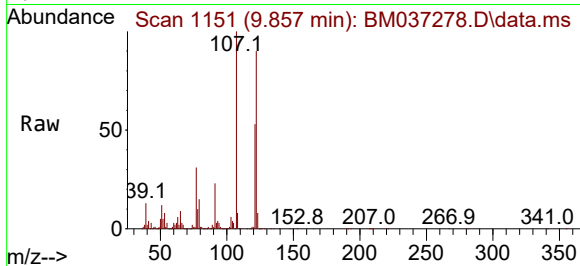




#27
2,4-Dimethylphenol
Concen: 47.709 ng
RT: 9.857 min Scan# 1151
Delta R.T. -0.000 min
Lab File: BM037278.D
Acq: 29 Oct 2022 19:25

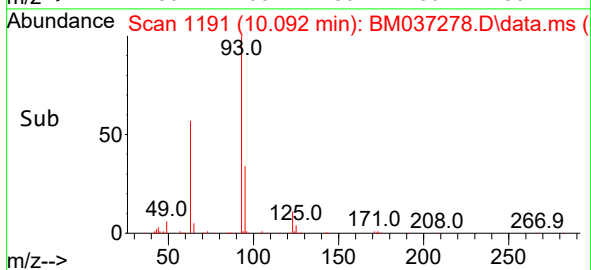
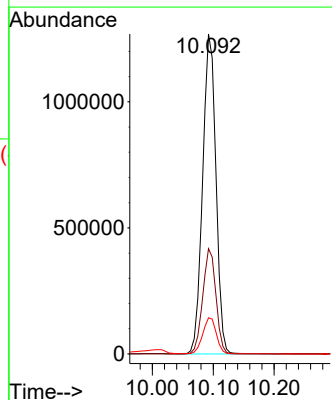
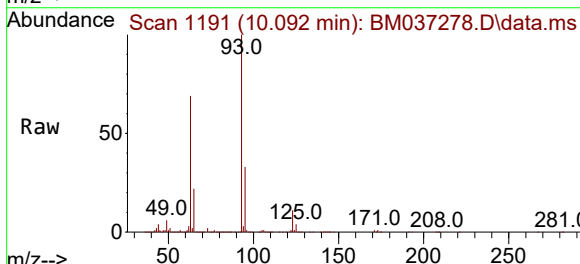
Instrument :
BNA_M
ClientSampleId :
BACKYARD-BOTTOM-AMS

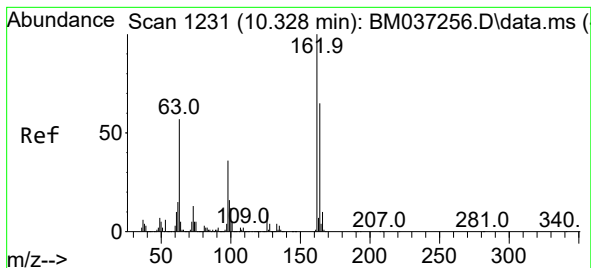
Tgt Ion:122 Resp: 1249886
Ion Ratio Lower Upper
122 100
107 111.0 89.7 134.5
121 58.4 47.1 70.7



#28
bis(2-Chloroethoxy)methane
Concen: 47.496 ng
RT: 10.092 min Scan# 1191
Delta R.T. -0.006 min
Lab File: BM037278.D
Acq: 29 Oct 2022 19:25

Tgt Ion: 93 Resp: 1920914
Ion Ratio Lower Upper
93 100
95 32.9 25.8 38.8
123 11.3 9.3 13.9





#29

2,4-Dichlorophenol

Concen: 44.824 ng

RT: 10.328 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM037278.D

Acq: 29 Oct 2022 19:25

Instrument :

BNA_M

ClientSampleId :

BACKYARD-BOTTOM-AMS

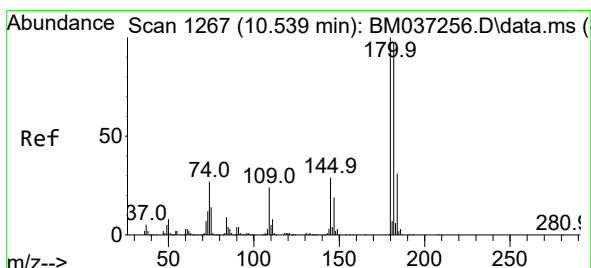
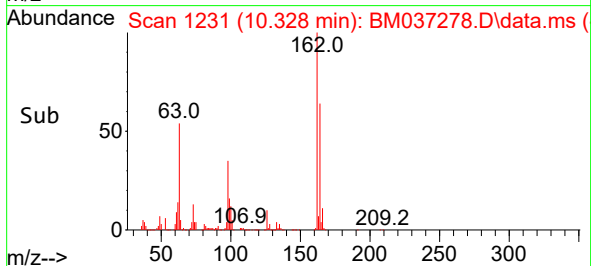
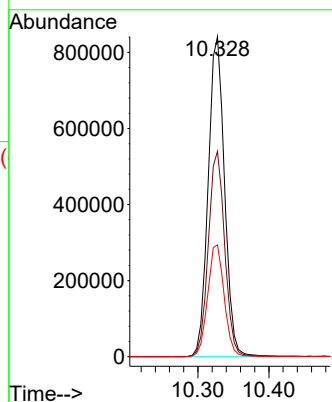
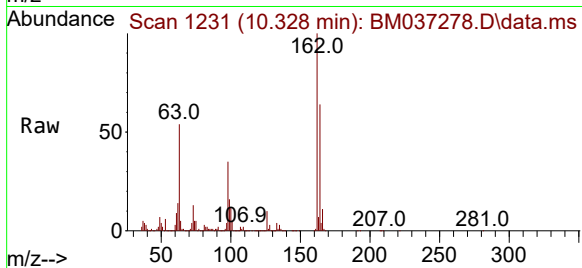
Tgt Ion:162 Resp: 1347983

Ion Ratio Lower Upper

162 100

164 64.2 45.0 85.0

98 35.0 16.2 56.2



#30

1,2,4-Trichlorobenzene

Concen: 42.762 ng

RT: 10.533 min Scan# 1266

Delta R.T. -0.006 min

Lab File: BM037278.D

Acq: 29 Oct 2022 19:25

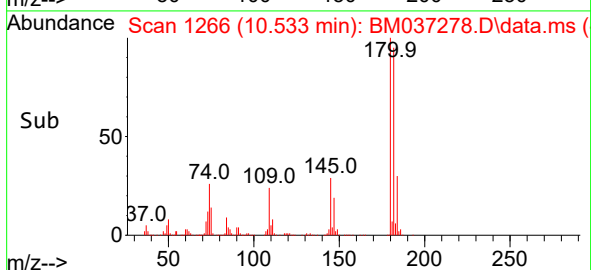
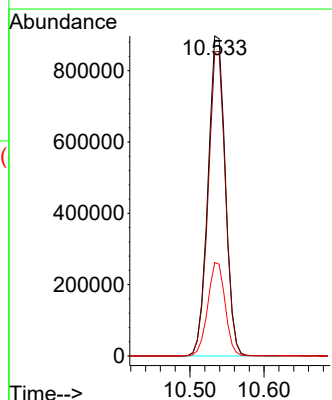
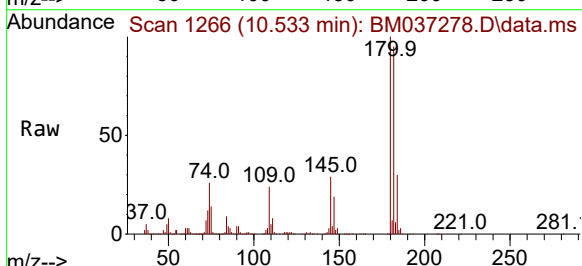
Tgt Ion:180 Resp: 1458316

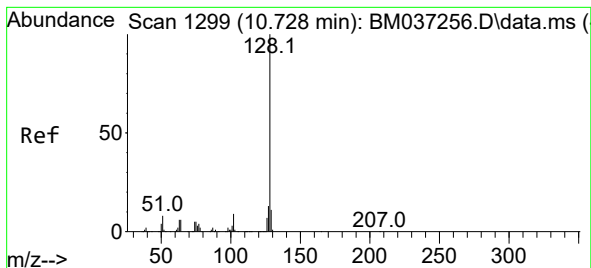
Ion Ratio Lower Upper

180 100

182 95.0 77.5 116.3

145 29.2 23.5 35.3





#31

Naphthalene

Concen: 41.640 ng

RT: 10.728 min Scan# 1299

Delta R.T. -0.000 min

Lab File: BM037278.D

Acq: 29 Oct 2022 19:25

Instrument :

BNA_M

ClientSampleId :

BACKYARD-BOTTOM-AMS

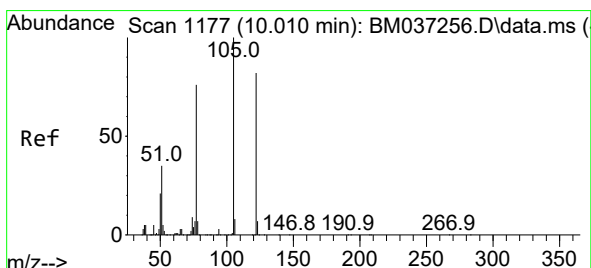
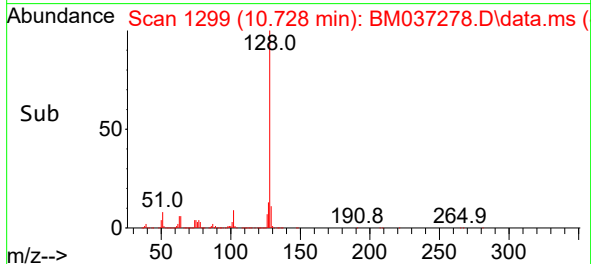
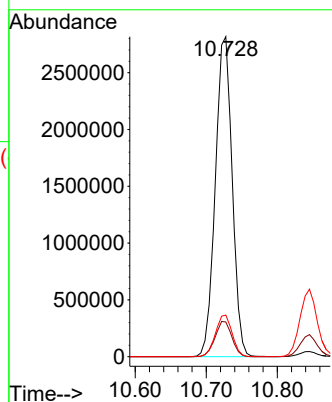
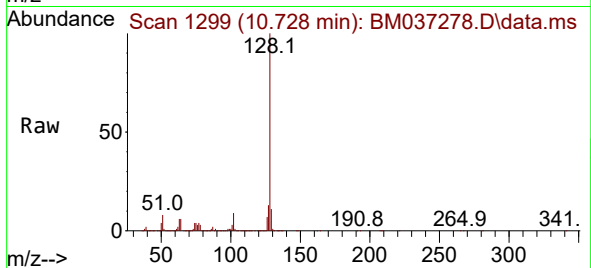
Tgt Ion:128 Resp: 4629390

Ion Ratio Lower Upper

128 100

129 10.9 8.7 13.1

127 13.0 10.2 15.2



#32

Benzoic acid

Concen: 35.038 ng

RT: 10.010 min Scan# 1177

Delta R.T. -0.000 min

Lab File: BM037278.D

Acq: 29 Oct 2022 19:25

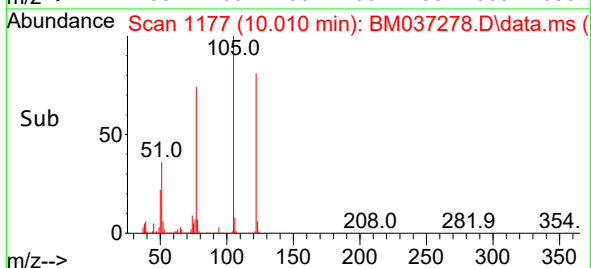
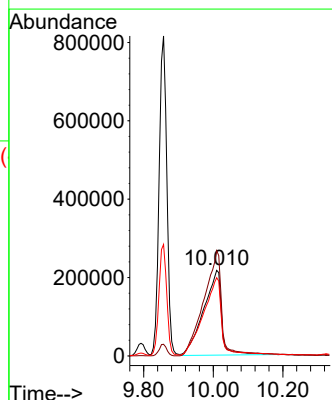
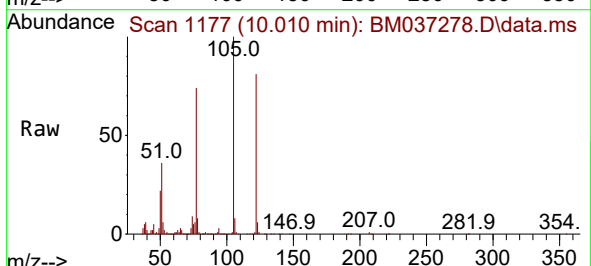
Tgt Ion:122 Resp: 782821

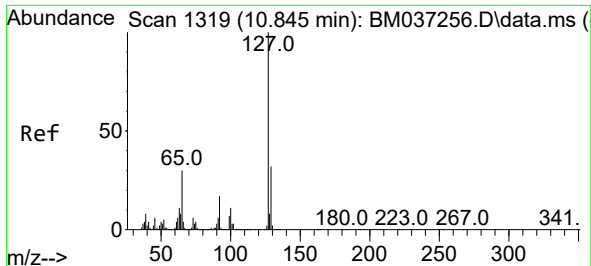
Ion Ratio Lower Upper

122 100

105 122.8 100.1 140.1

77 91.2 71.7 111.7



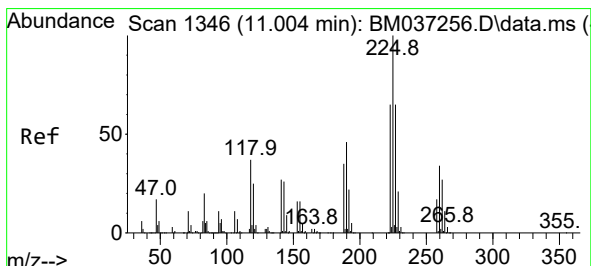
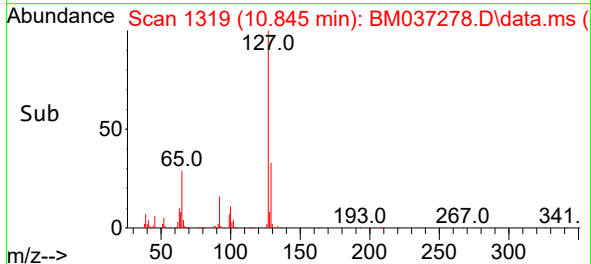
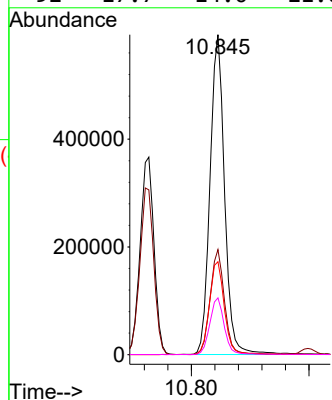
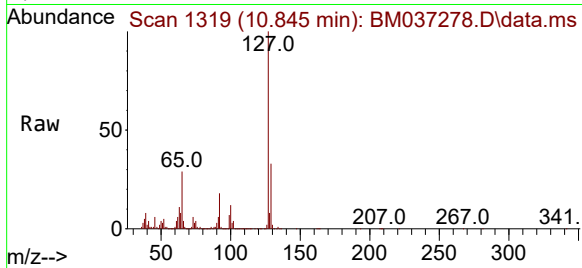


#33
4-Chloroaniline
Concen: 22.994 ng
RT: 10.845 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM037278.D
Acq: 29 Oct 2022 19:25

Instrument :
BNA_M
ClientSampleId :
BACKYARD-BOTTOM-AMS

Tgt Ion:127 Resp: 1018267

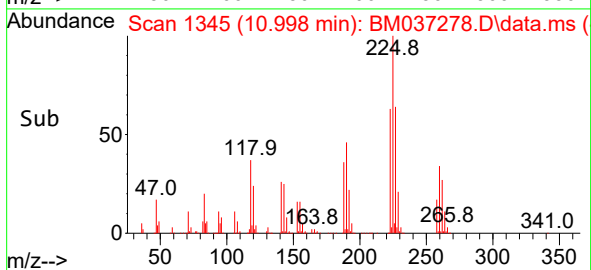
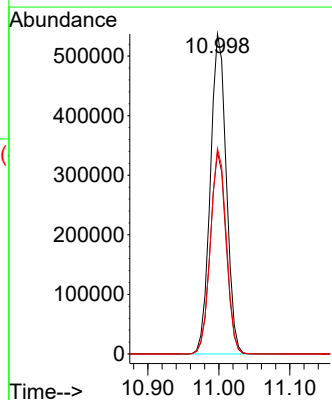
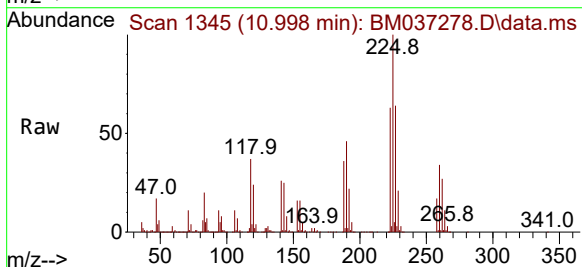
Ion	Ratio	Lower	Upper
127	100		
129	32.8	25.5	38.3
65	29.0	24.0	36.0
92	17.7	14.0	21.0

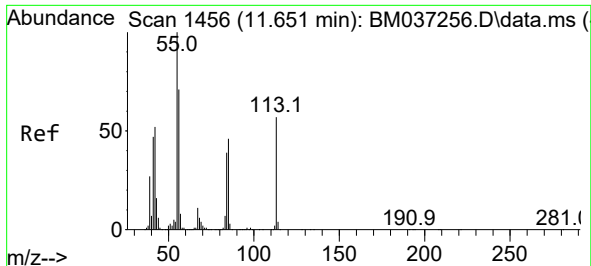


#34
Hexachlorobutadiene
Concen: 43.853 ng
RT: 10.998 min Scan# 1345
Delta R.T. -0.006 min
Lab File: BM037278.D
Acq: 29 Oct 2022 19:25

Tgt Ion:225 Resp: 835088

Ion	Ratio	Lower	Upper
225	100		
223	63.1	51.9	77.9
227	64.3	52.2	78.4

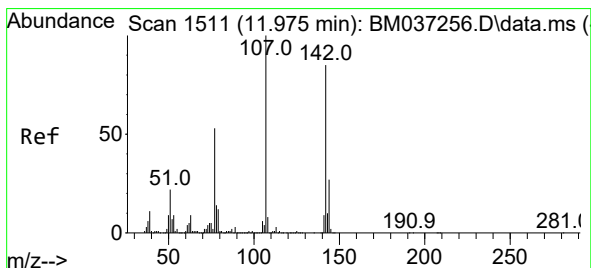
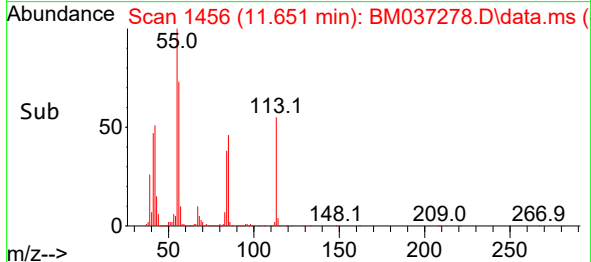
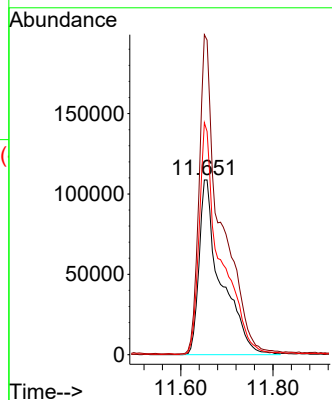
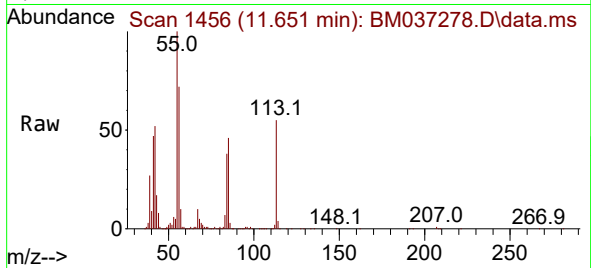




#35
 Caprolactam
 Concen: 39.197 ng
 RT: 11.651 min Scan# 1456
 Delta R.T. -0.000 min
 Lab File: BM037278.D
 Acq: 29 Oct 2022 19:25

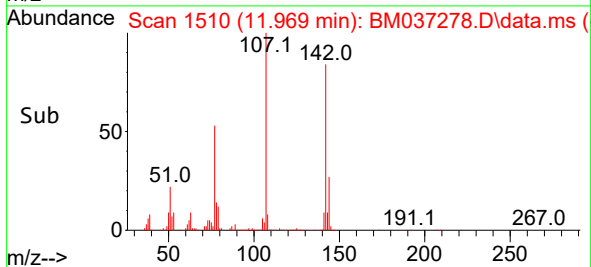
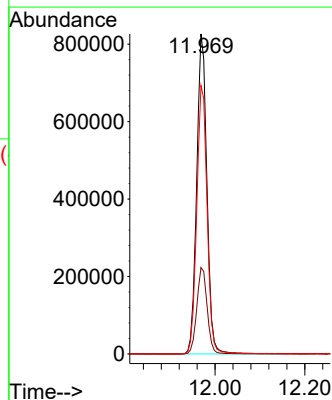
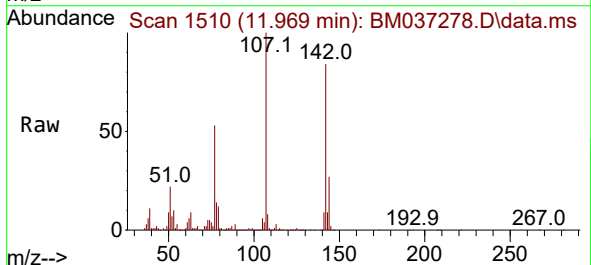
Instrument :
 BNA_M
 ClientSampleId :
 BACKYARD-BOTTOM-AMS

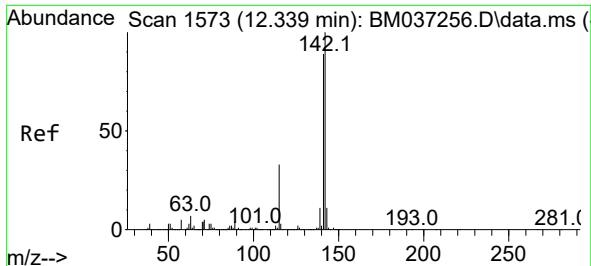
Tgt Ion:113 Resp: 358362
 Ion Ratio Lower Upper
 113 100
 55 183.1 156.9 196.9
 56 132.7 106.4 146.4



#36
 4-Chloro-3-methylphenol
 Concen: 42.182 ng
 RT: 11.969 min Scan# 1510
 Delta R.T. -0.006 min
 Lab File: BM037278.D
 Acq: 29 Oct 2022 19:25

Tgt Ion:107 Resp: 1307261
 Ion Ratio Lower Upper
 107 100
 144 27.0 21.8 32.6
 142 83.9 68.1 102.1

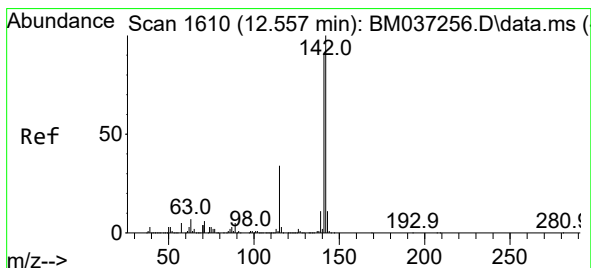
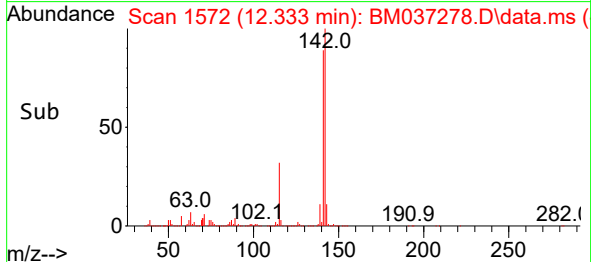
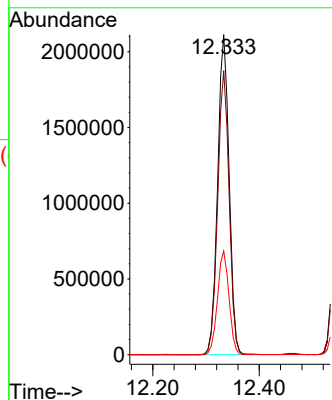
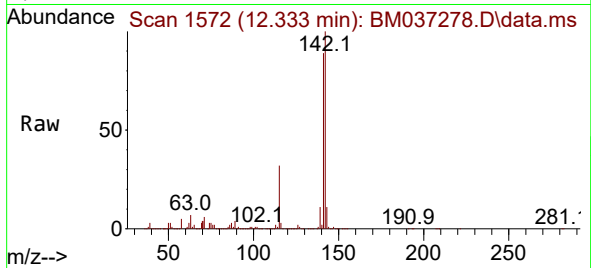




#37
2-Methylnaphthalene
Concen: 41.847 ng
RT: 12.333 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM037278.D
Acq: 29 Oct 2022 19:25

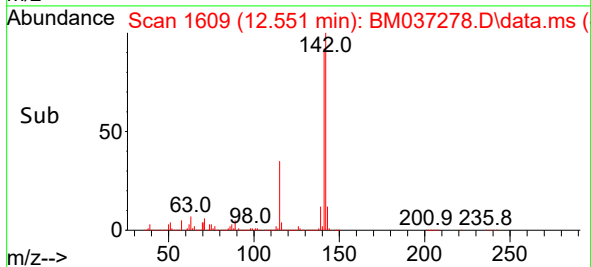
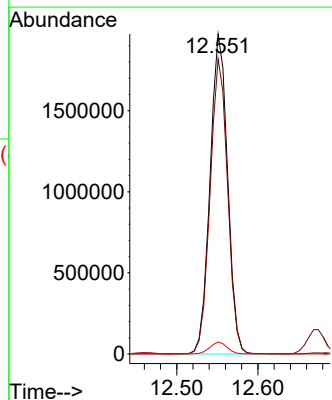
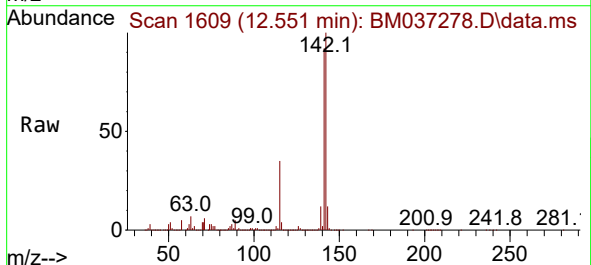
Instrument :
BNA_M
ClientSampleId :
BACKYARD-BOTTOM-AMS

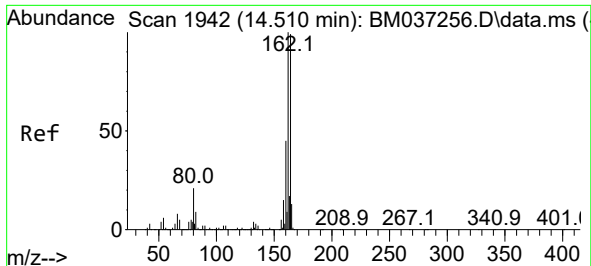
Tgt Ion:142 Resp: 3152144
Ion Ratio Lower Upper
142 100
141 88.7 71.3 106.9
115 32.4 26.0 39.0



#38
1-Methylnaphthalene
Concen: 40.158 ng
RT: 12.551 min Scan# 1609
Delta R.T. -0.006 min
Lab File: BM037278.D
Acq: 29 Oct 2022 19:25

Tgt Ion:142 Resp: 2955657
Ion Ratio Lower Upper
142 100
141 92.2 73.0 109.6
116 3.7 2.8 4.2

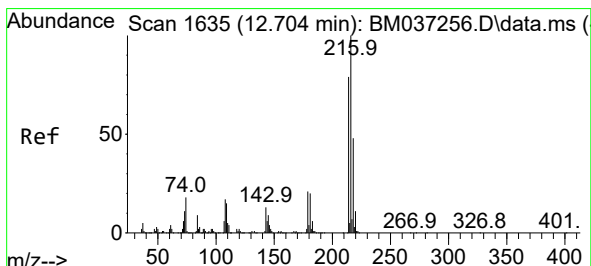
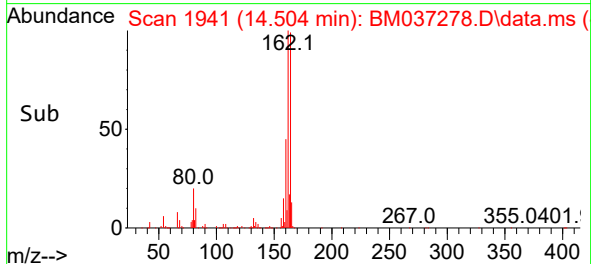
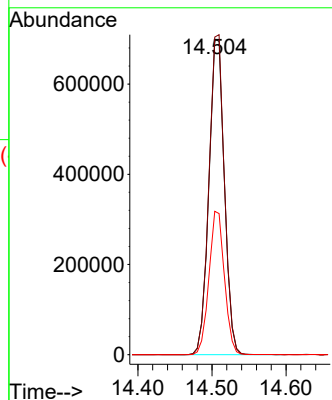
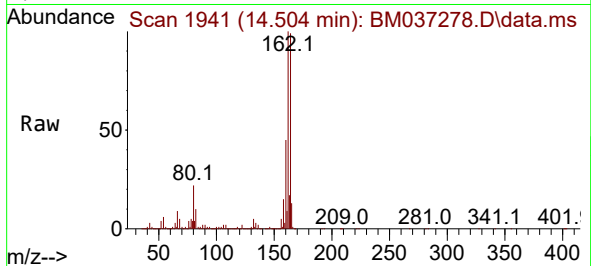




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.504 min Scan# 1942
Delta R.T. -0.006 min
Lab File: BM037278.D
Acq: 29 Oct 2022 19:25

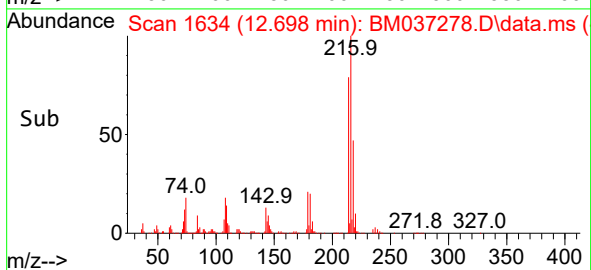
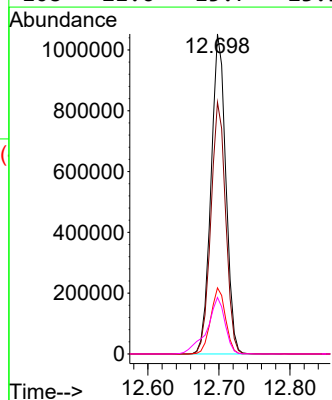
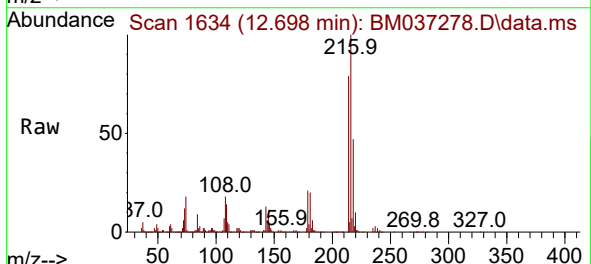
Instrument :
BNA_M
ClientSampleId :
BACKYARD-BOTTOM-AMS

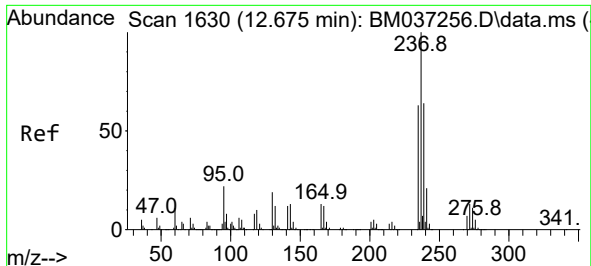
Tgt Ion:164 Resp: 1013176
Ion Ratio Lower Upper
164 100
162 100.6 80.6 120.8
160 45.4 36.2 54.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 50.008 ng
RT: 12.698 min Scan# 1634
Delta R.T. -0.006 min
Lab File: BM037278.D
Acq: 29 Oct 2022 19:25

Tgt Ion:216 Resp: 1523406
Ion Ratio Lower Upper
216 100
214 78.7 63.1 94.7
179 20.6 16.8 25.2
108 21.6 15.7 23.5

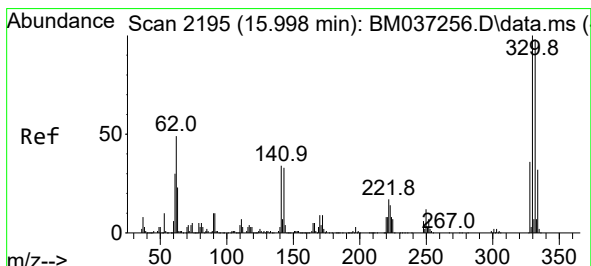
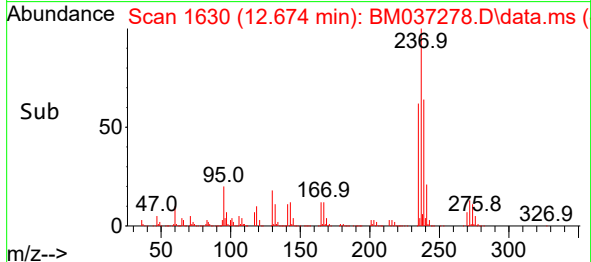
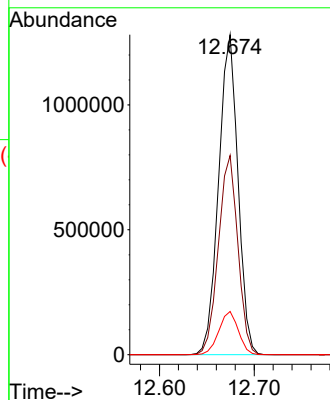
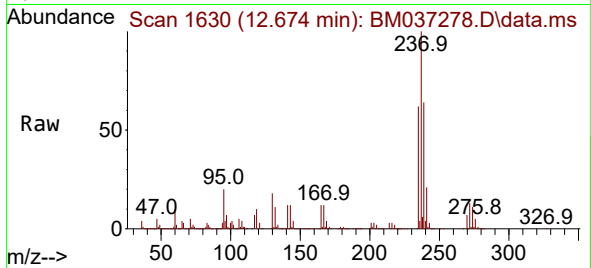




#41
Hexachlorocyclopentadiene
Concen: 125.329 ng
RT: 12.674 min Scan# 1
Delta R.T. -0.001 min
Lab File: BM037278.D
Acq: 29 Oct 2022 19:25

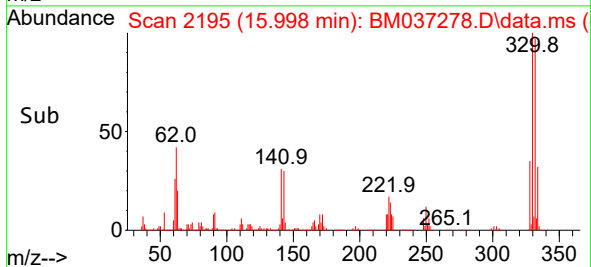
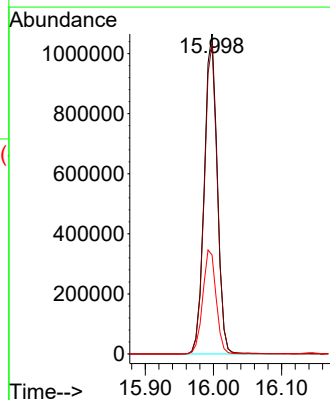
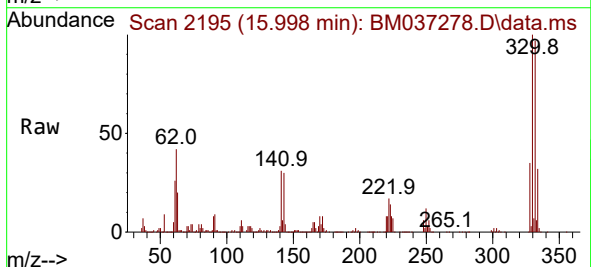
Instrument :
BNA_M
ClientSampleId :
BACKYARD-BOTTOM-AMS

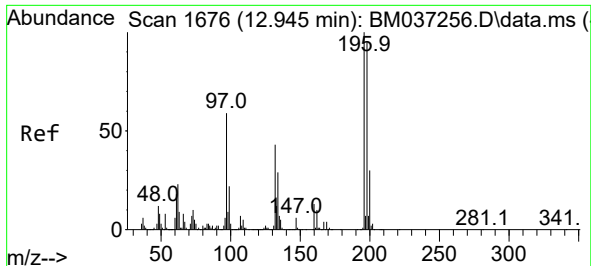
Tgt Ion:237 Resp: 1819048
Ion Ratio Lower Upper
237 100
235 62.3 42.9 82.9
272 13.5 0.0 33.1



#42
2,4,6-Tribromophenol
Concen: 118.375 ng
RT: 15.998 min Scan# 2195
Delta R.T. -0.000 min
Lab File: BM037278.D
Acq: 29 Oct 2022 19:25

Tgt Ion:330 Resp: 1413395
Ion Ratio Lower Upper
330 100
332 96.9 78.0 117.0
141 33.4 27.5 41.3

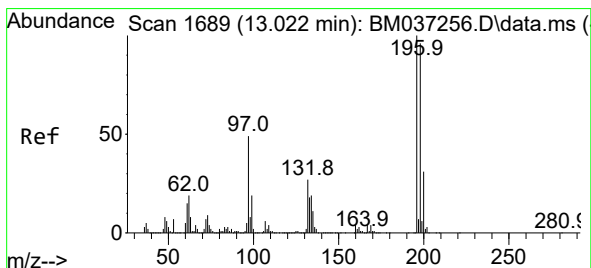
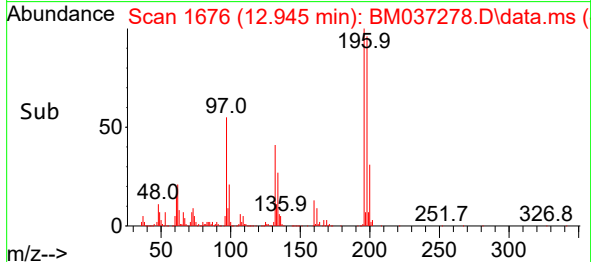
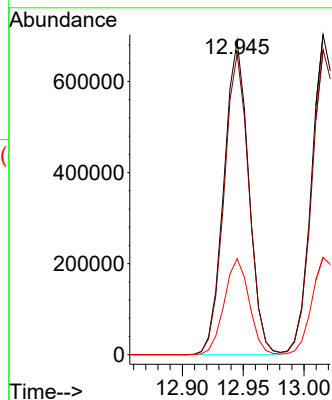
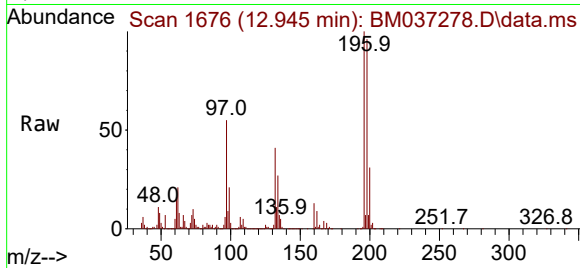




#43
2,4,6-Trichlorophenol
Concen: 46.631 ng
RT: 12.945 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM037278.D
Acq: 29 Oct 2022 19:25

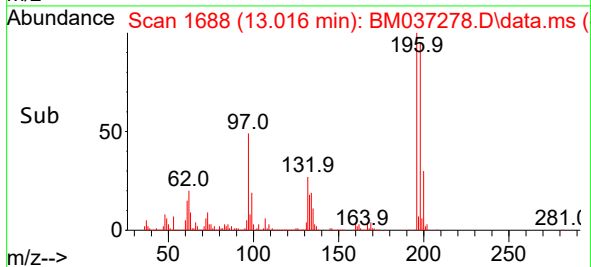
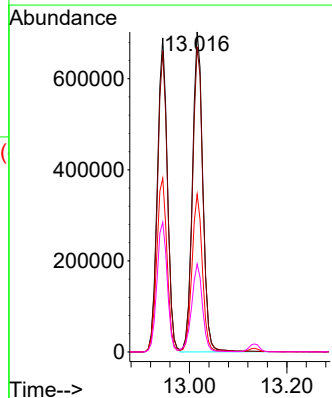
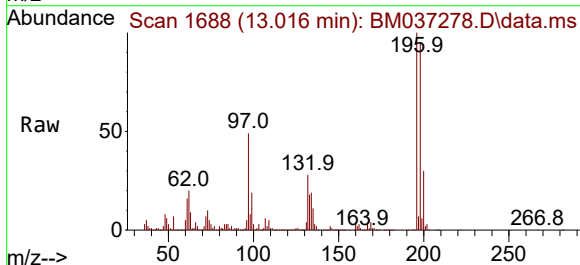
Instrument :
BNA_M
ClientSampleId :
BACKYARD-BOTTOM-AMS

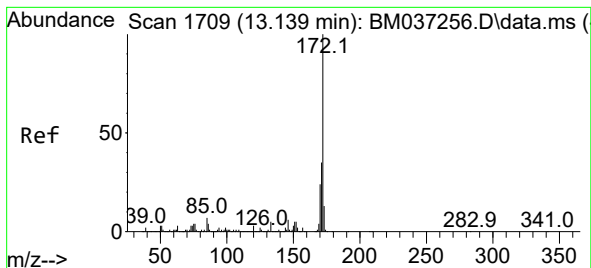
Tgt Ion:196 Resp: 977907
Ion Ratio Lower Upper
196 100
198 95.8 76.1 114.1
200 30.6 24.4 36.6



#44
2,4,5-Trichlorophenol
Concen: 45.159 ng
RT: 13.016 min Scan# 1688
Delta R.T. -0.006 min
Lab File: BM037278.D
Acq: 29 Oct 2022 19:25

Tgt Ion:196 Resp: 1044685
Ion Ratio Lower Upper
196 100
198 95.3 77.0 115.6
97 49.3 39.4 59.2
132 27.5 21.9 32.9





#45

2-Fluorobiphenyl

Concen: 75.317 ng

RT: 13.133 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM037278.D

Acq: 29 Oct 2022 19:25

Instrument :

BNA_M

ClientSampleId :

BACKYARD-BOTTOM-AMS

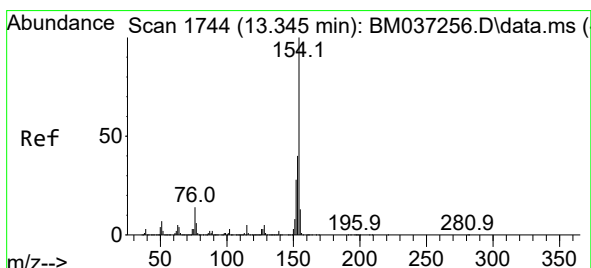
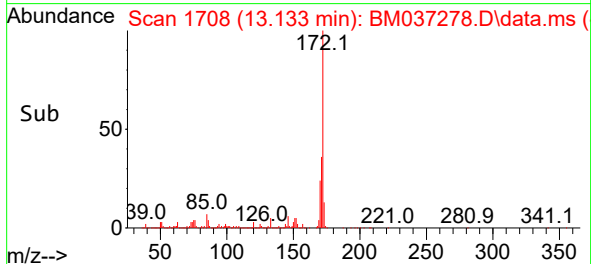
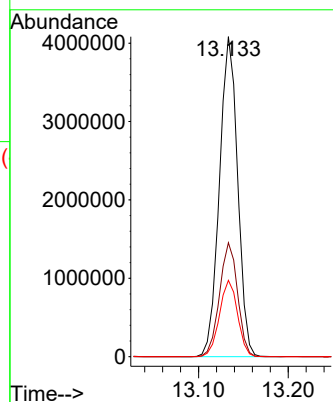
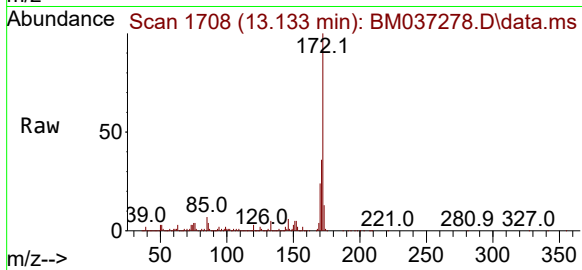
Tgt Ion:172 Resp: 5743163

Ion Ratio Lower Upper

172 100

171 35.6 28.1 42.1

170 23.8 19.0 28.4



#46

1,1'-Biphenyl

Concen: 47.586 ng

RT: 13.345 min Scan# 1744

Delta R.T. 0.000 min

Lab File: BM037278.D

Acq: 29 Oct 2022 19:25

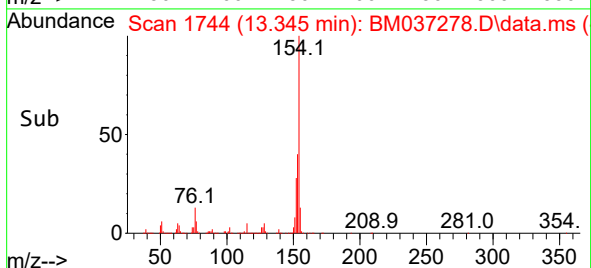
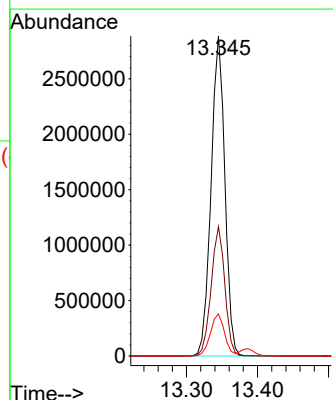
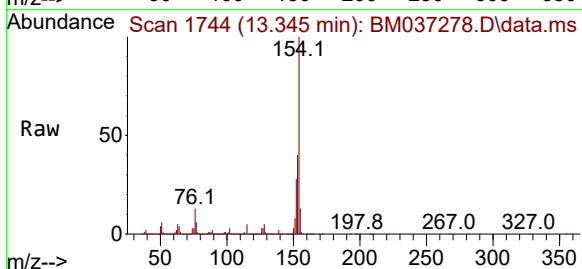
Tgt Ion:154 Resp: 3890712

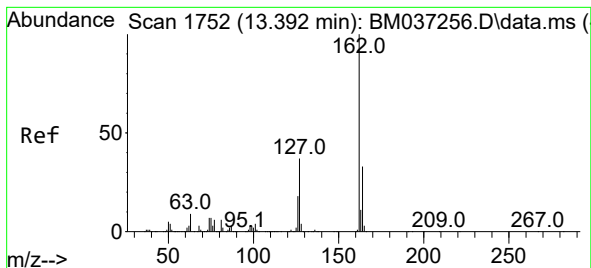
Ion Ratio Lower Upper

154 100

153 40.4 20.3 60.3

76 13.2 0.0 33.7

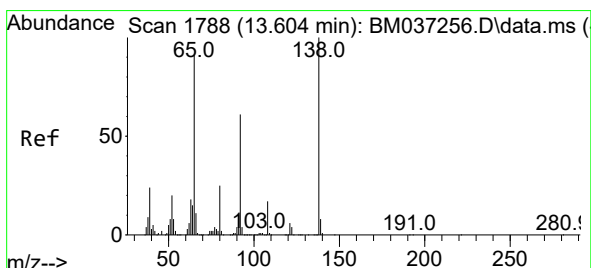
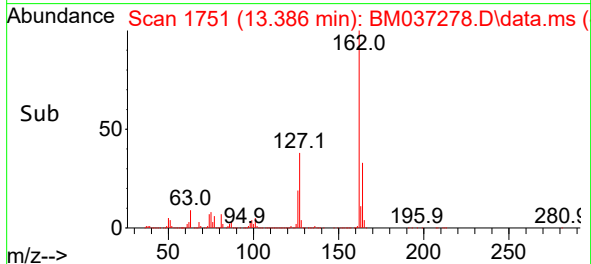
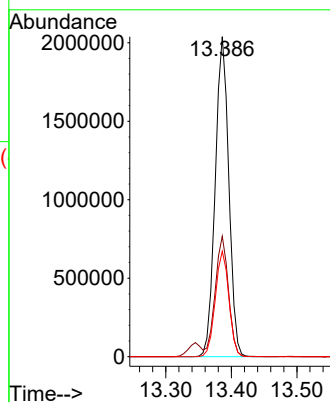
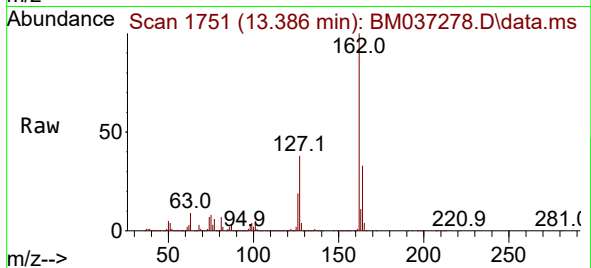




#47
2-Chloronaphthalene
Concen: 44.950 ng
RT: 13.386 min Scan# 1751
Delta R.T. -0.006 min
Lab File: BM037278.D
Acq: 29 Oct 2022 19:25

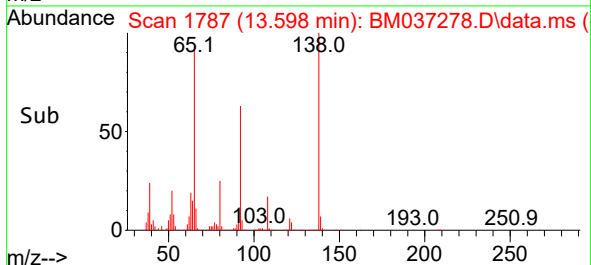
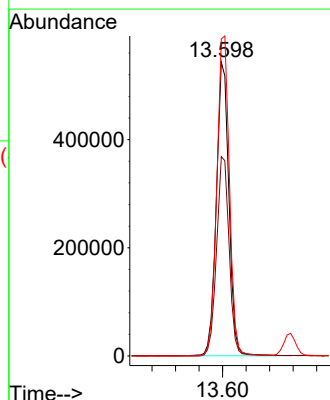
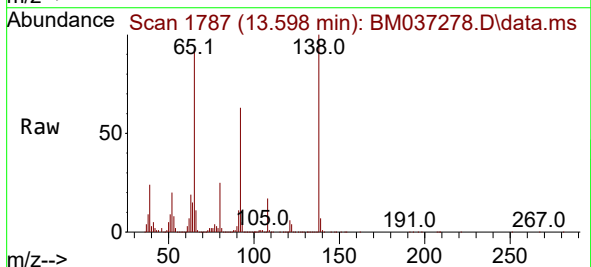
Instrument :
BNA_M
ClientSampleId :
BACKYARD-BOTTOM-AMS

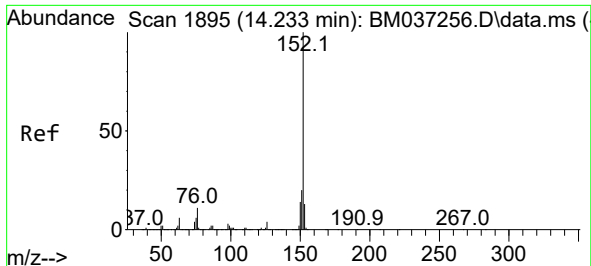
Tgt Ion:162 Resp: 2924692
Ion Ratio Lower Upper
162 100
127 37.7 29.5 44.3
164 33.0 26.3 39.5



#48
2-Nitroaniline
Concen: 42.814 ng
RT: 13.598 min Scan# 1787
Delta R.T. -0.006 min
Lab File: BM037278.D
Acq: 29 Oct 2022 19:25

Tgt Ion: 65 Resp: 804998
Ion Ratio Lower Upper
65 100
92 67.9 53.7 80.5
138 107.9 87.4 131.2

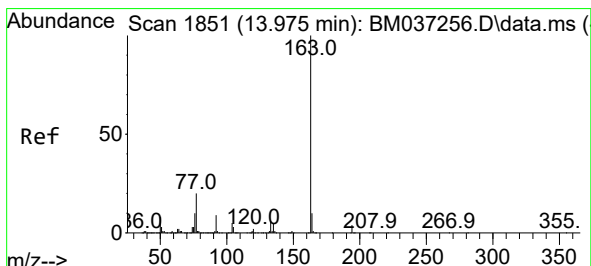
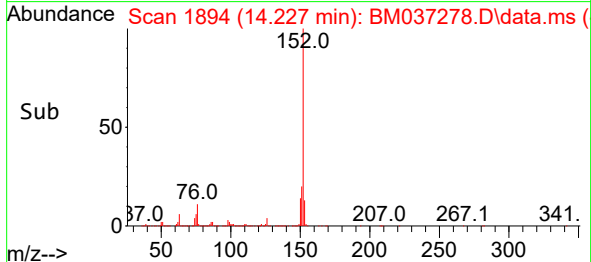
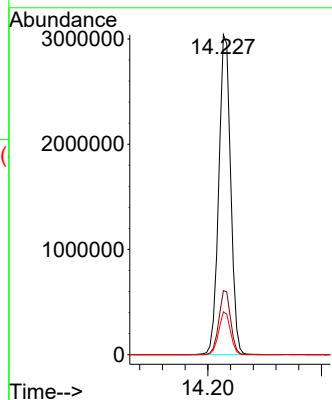
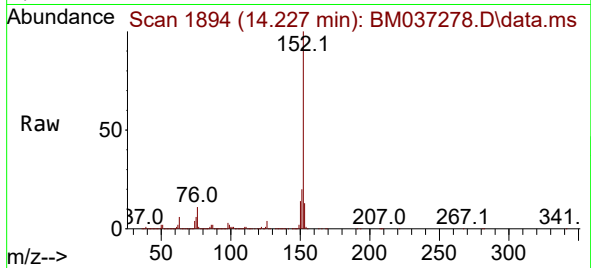




#49
Acenaphthylene
Concen: 43.711 ng
RT: 14.227 min Scan# 1894
Delta R.T. -0.006 min
Lab File: BM037278.D
Acq: 29 Oct 2022 19:25

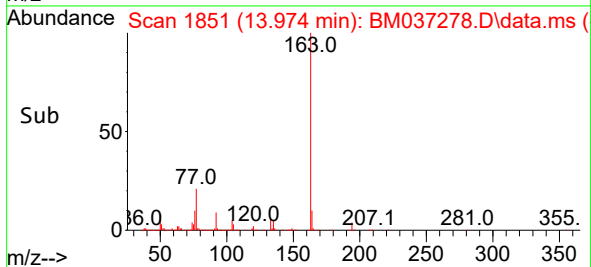
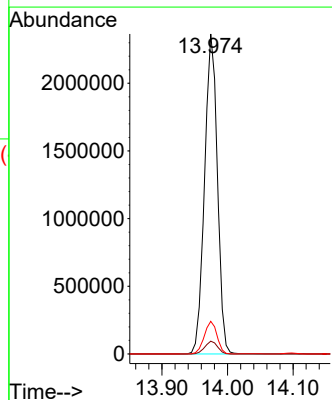
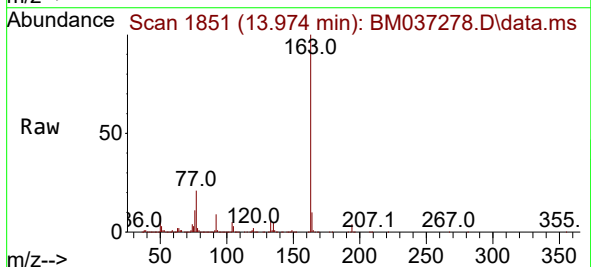
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BNA_M
ClientSampleId :
BACKYARD-BOTTOM-AMS

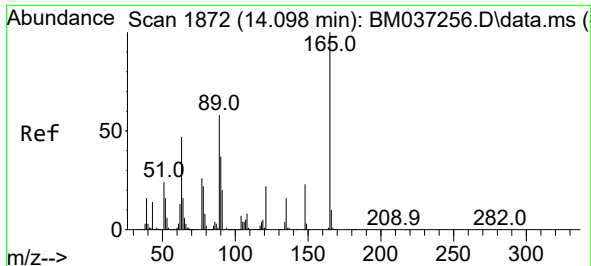
Tgt Ion:152 Resp: 4414886
Ion Ratio Lower Upper
152 100
151 20.0 16.0 24.0
153 13.4 10.6 15.8



#50
Dimethylphthalate
Concen: 41.636 ng
RT: 13.974 min Scan# 1851
Delta R.T. -0.001 min
Lab File: BM037278.D
Acq: 29 Oct 2022 19:25

Tgt Ion:163 Resp: 3222160
Ion Ratio Lower Upper
163 100
194 4.0 3.0 4.6
164 10.2 8.2 12.2

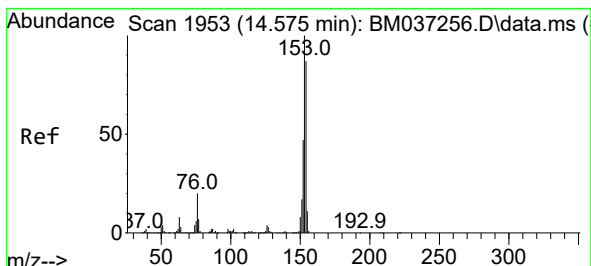
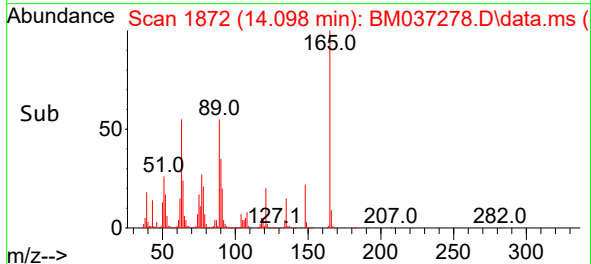
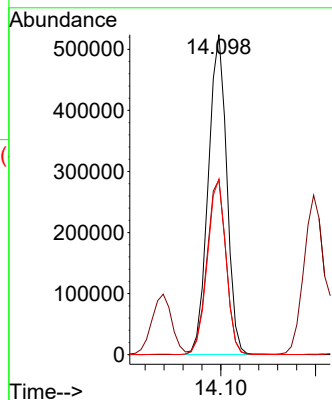
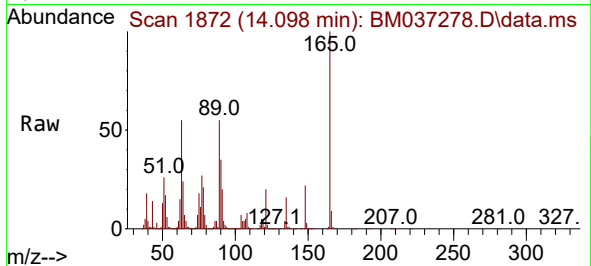




#51
2,6-Dinitrotoluene
Concen: 43.269 ng
RT: 14.098 min Scan# 1872
Delta R.T. -0.000 min
Lab File: BM037278.D
Acq: 29 Oct 2022 19:25

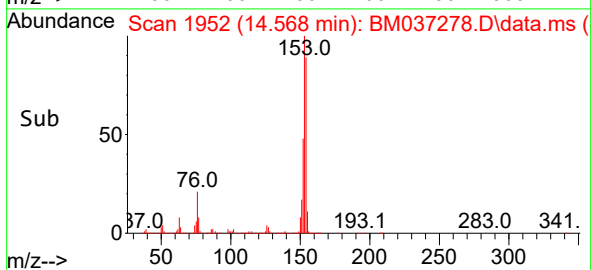
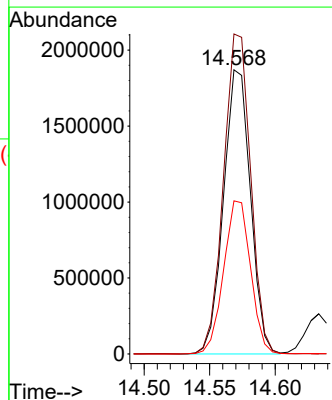
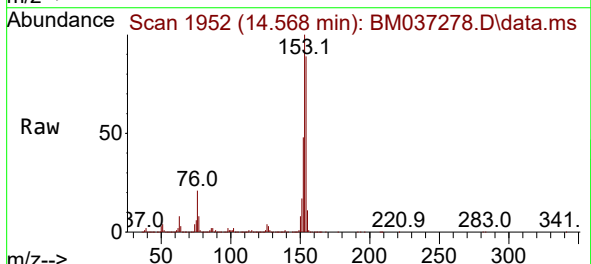
Instrument :
BNA_M
ClientSampleId :
BACKYARD-BOTTOM-AMS

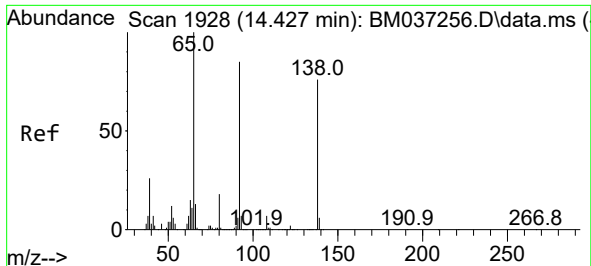
Tgt Ion:165 Resp: 709106
Ion Ratio Lower Upper
165 100
63 54.7 46.2 69.2
89 54.9 46.6 69.8



#52
Acenaphthene
Concen: 42.786 ng
RT: 14.568 min Scan# 1952
Delta R.T. -0.007 min
Lab File: BM037278.D
Acq: 29 Oct 2022 19:25

Tgt Ion:154 Resp: 2671643
Ion Ratio Lower Upper
154 100
153 112.6 91.5 137.3
152 53.9 43.0 64.6

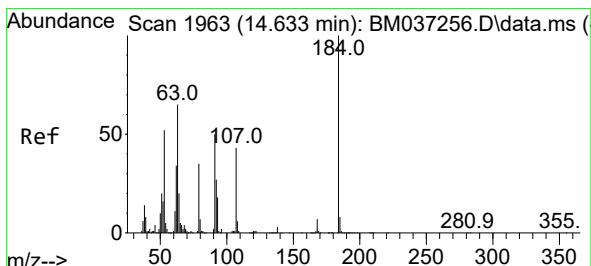
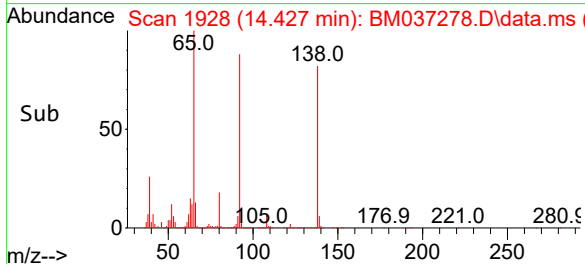
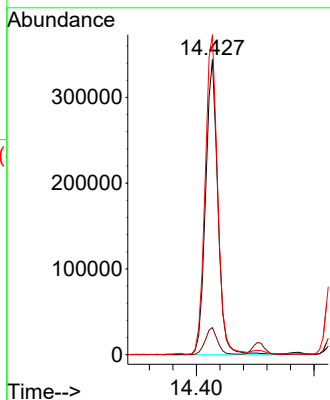
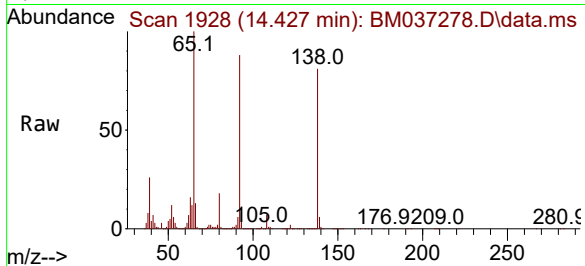




#53
3-Nitroaniline
Concen: 27.198 ng
RT: 14.427 min Scan# 1928
Delta R.T. 0.000 min
Lab File: BM037278.D
Acq: 29 Oct 2022 19:25

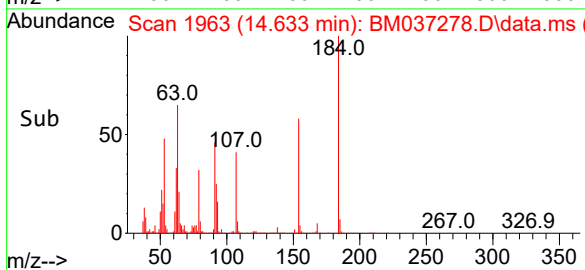
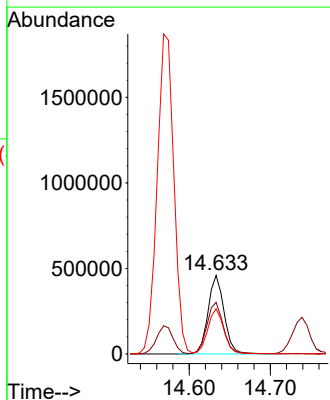
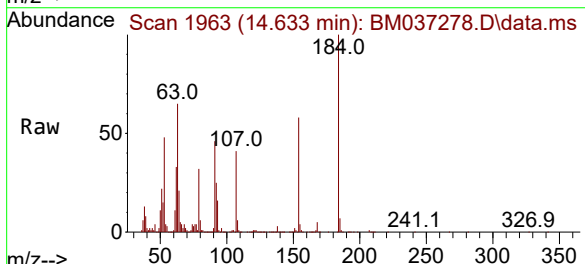
Instrument :
BNA_M
ClientSampleId :
BACKYARD-BOTTOM-AMS

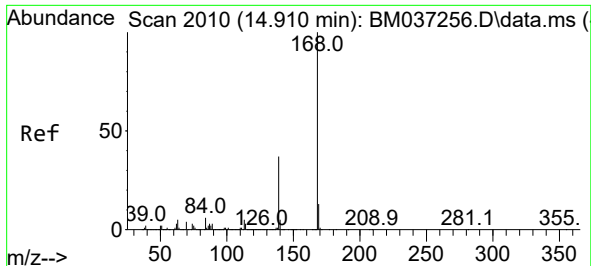
Tgt Ion:138 Resp: 497966
Ion Ratio Lower Upper
138 100
108 9.2 7.3 10.9
92 108.4 89.8 134.8



#54
2,4-Dinitrophenol
Concen: 60.094 ng
RT: 14.633 min Scan# 1963
Delta R.T. 0.000 min
Lab File: BM037278.D
Acq: 29 Oct 2022 19:25

Tgt Ion:184 Resp: 629638
Ion Ratio Lower Upper
184 100
63 65.5 57.7 86.5
154 57.5 48.3 72.5

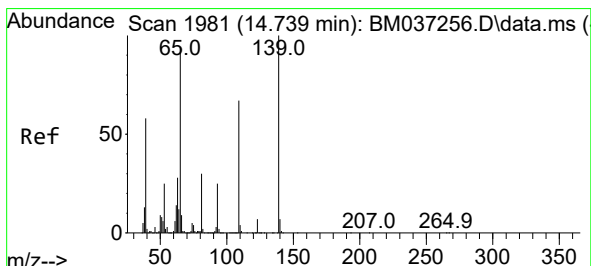
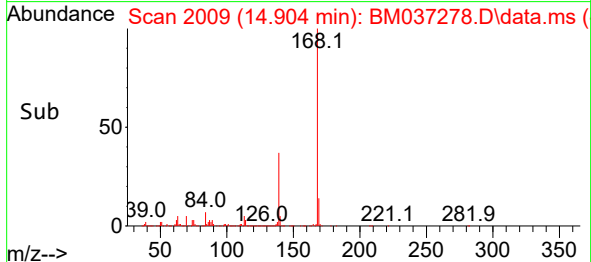
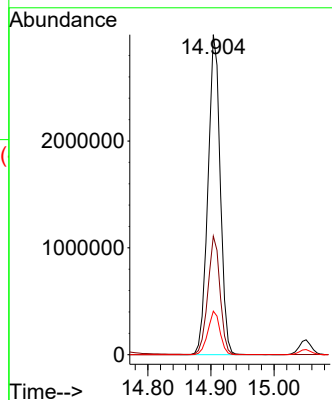
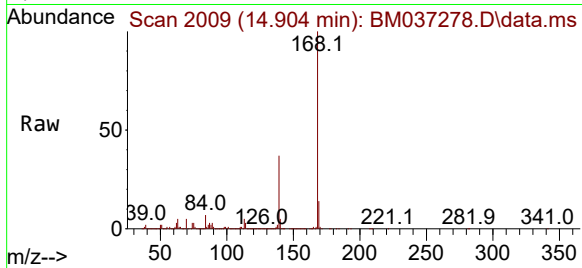




#55
Dibenzenofuran
Concen: 42.013 ng
RT: 14.904 min Scan# 2010
Delta R.T. -0.006 min
Lab File: BM037278.D
Acq: 29 Oct 2022 19:25

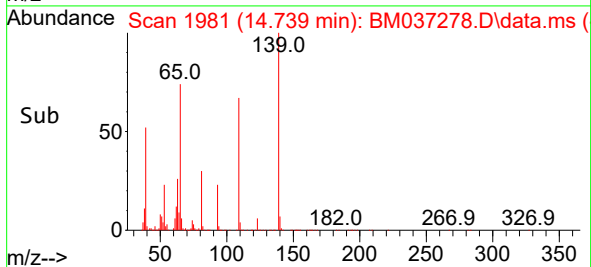
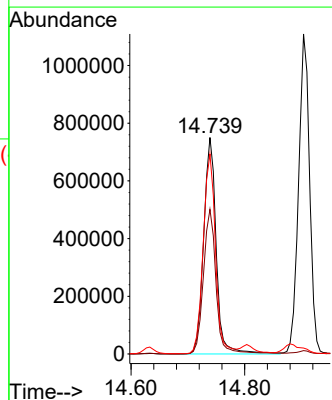
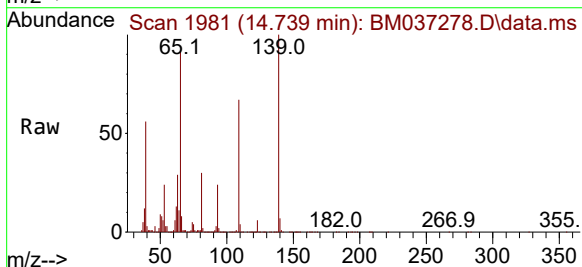
Instrument :
BNA_M
ClientSampleId :
BACKYARD-BOTTOM-AMS

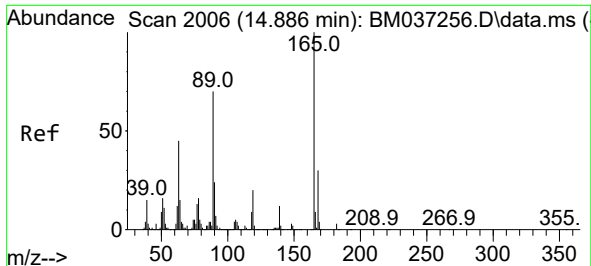
Tgt Ion:168 Resp: 4040591
Ion Ratio Lower Upper
168 100
139 37.0 29.3 43.9
169 13.6 10.6 16.0



#56
4-Nitrophenol
Concen: 78.567 ng
RT: 14.739 min Scan# 1981
Delta R.T. 0.000 min
Lab File: BM037278.D
Acq: 29 Oct 2022 19:25

Tgt Ion:139 Resp: 1147538
Ion Ratio Lower Upper
139 100
109 66.8 47.4 87.4
65 92.4 73.8 113.8





#57

2,4-Dinitrotoluene

Concen: 41.691 ng

RT: 14.880 min Scan# 20

Delta R.T. -0.006 min

Lab File: BM037278.D

Acq: 29 Oct 2022 19:25

Instrument :

BNA_M

ClientSampleId :

BACKYARD-BOTTOM-AMS

Tgt Ion:165 Resp: 899065

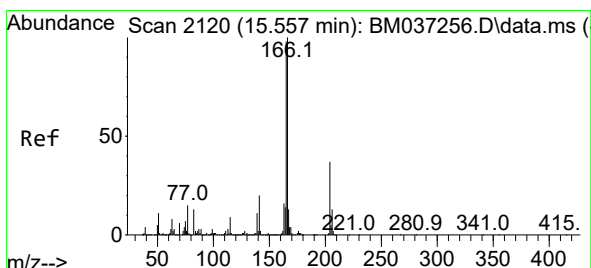
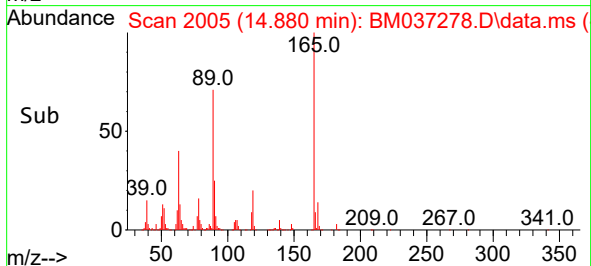
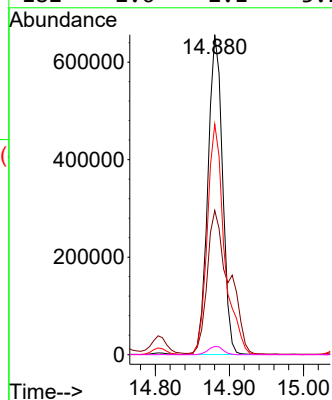
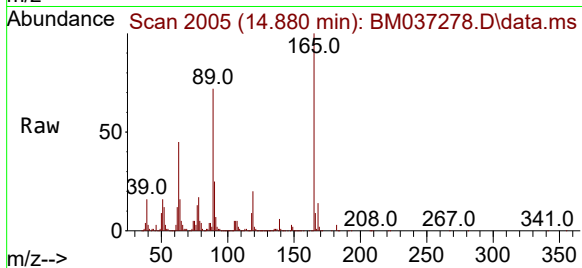
Ion Ratio Lower Upper

165 100

63 45.1 36.3 54.5

89 72.0 56.3 84.5

182 2.6 2.1 3.1



#58

Fluorene

Concen: 41.361 ng

RT: 15.551 min Scan# 2119

Delta R.T. -0.006 min

Lab File: BM037278.D

Acq: 29 Oct 2022 19:25

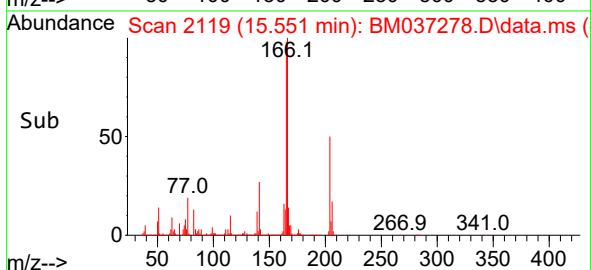
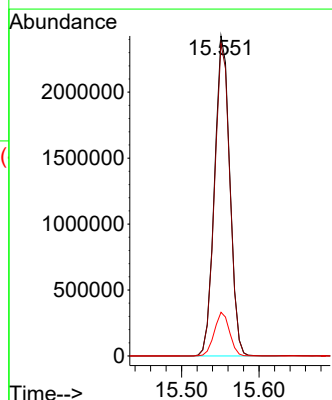
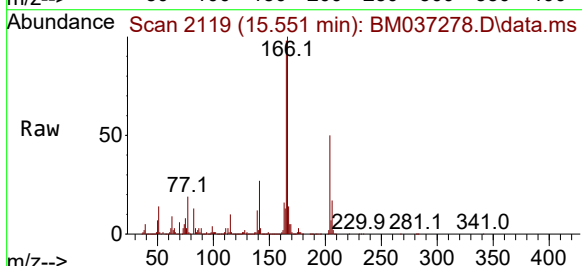
Tgt Ion:166 Resp: 3320379

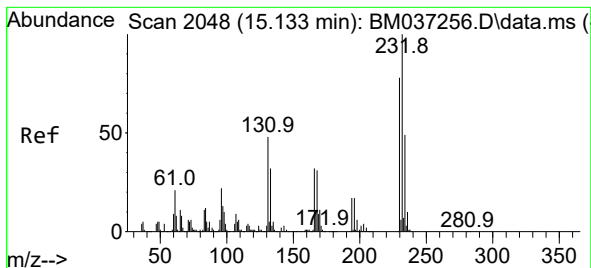
Ion Ratio Lower Upper

166 100

165 97.7 78.2 117.4

167 13.7 10.6 15.8

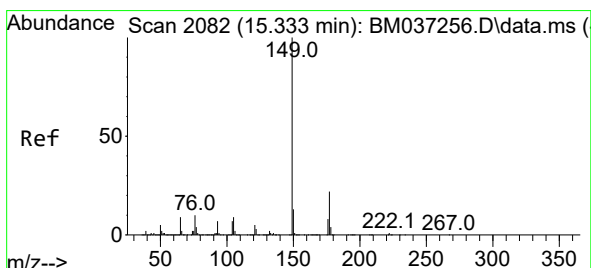
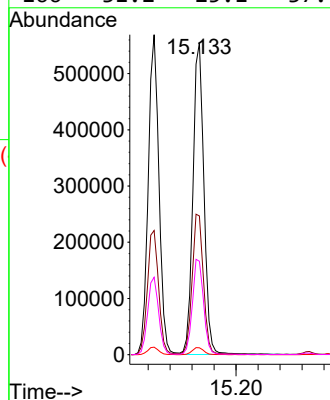
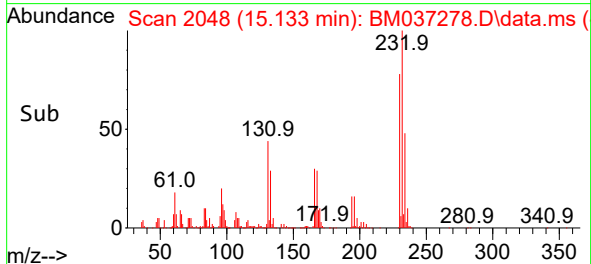
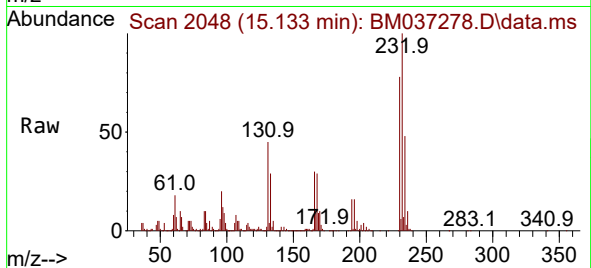




#59
2,3,4,6-Tetrachlorophenol
Concen: 39.584 ng
RT: 15.133 min Scan# 2048
Delta R.T. -0.000 min
Lab File: BM037278.D
Acq: 29 Oct 2022 19:25

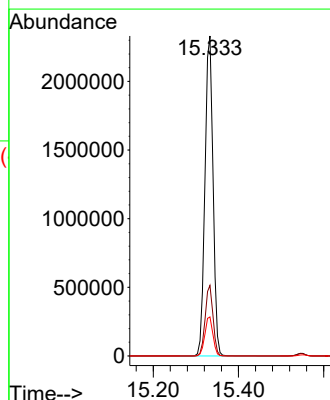
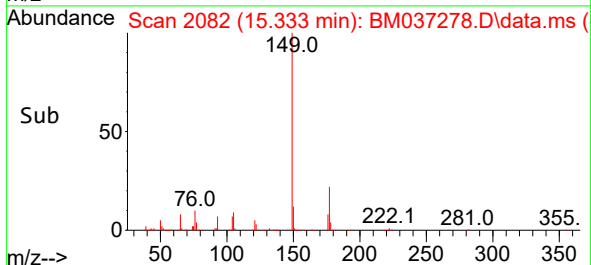
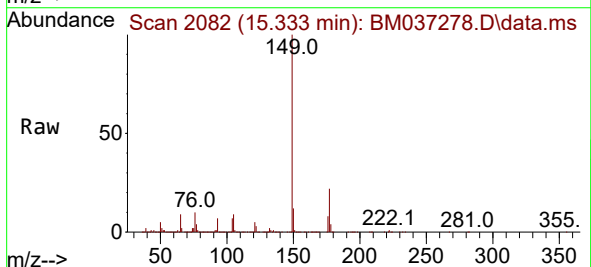
Instrument :
BNA_M
ClientSampleId :
BACKYARD-BOTTOM-AMS

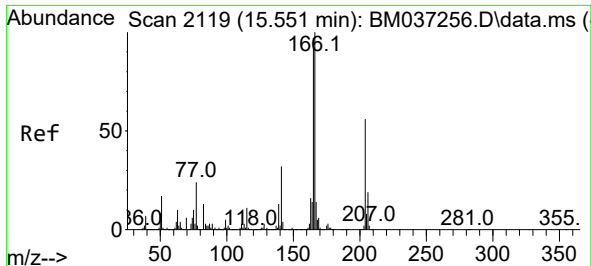
Tgt Ion:232 Resp: 767515
Ion Ratio Lower Upper
232 100
131 46.0 37.8 56.8
130 2.4 1.9 2.9
166 31.2 25.1 37.7



#60
Diethylphthalate
Concen: 40.762 ng
RT: 15.333 min Scan# 2082
Delta R.T. -0.000 min
Lab File: BM037278.D
Acq: 29 Oct 2022 19:25

Tgt Ion:149 Resp: 3065928
Ion Ratio Lower Upper
149 100
177 22.1 17.4 26.0
150 12.2 10.0 15.0

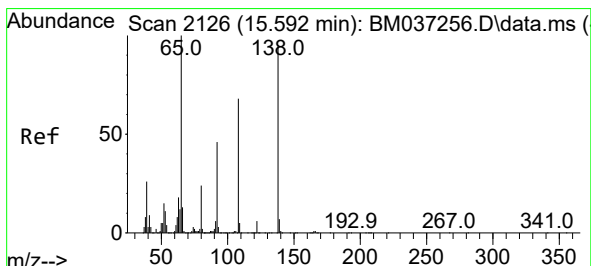
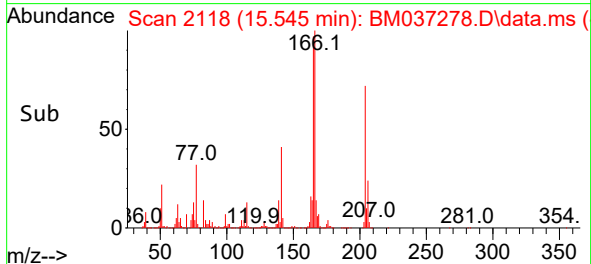
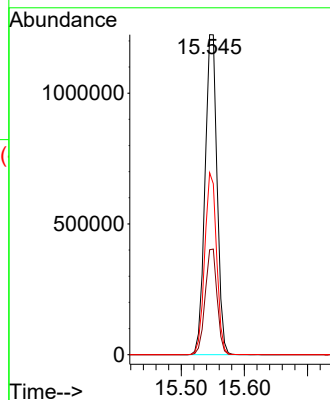
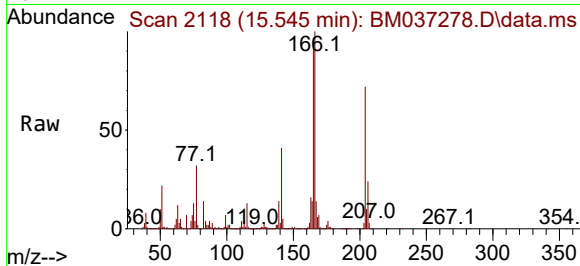




#61
4-Chlorophenyl-phenylether
Concen: 43.670 ng
RT: 15.545 min Scan# 2119
Delta R.T. -0.006 min
Lab File: BM037278.D
Acq: 29 Oct 2022 19:25

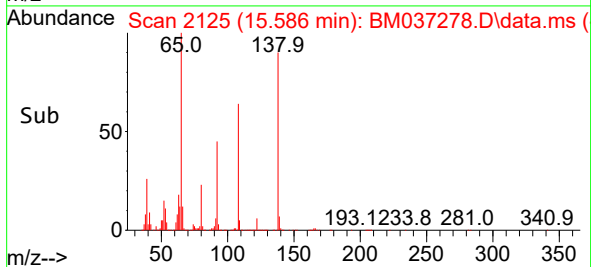
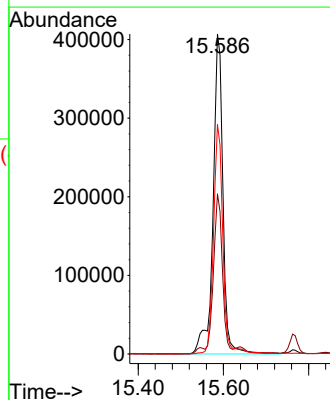
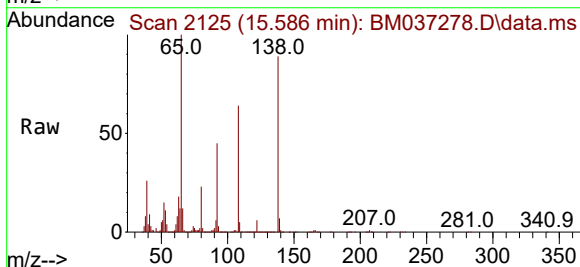
Instrument :
BNA_M
ClientSampleId :
BACKYARD-BOTTOM-AMS

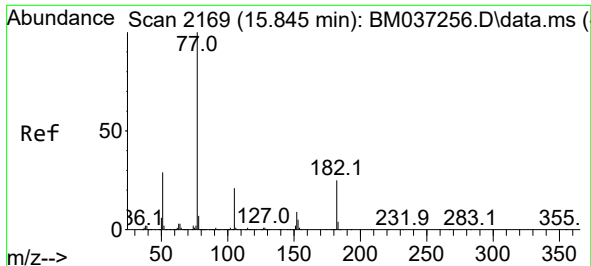
Tgt Ion:204 Resp: 1621897
Ion Ratio Lower Upper
204 100
206 32.8 26.6 39.8
141 56.9 45.2 67.8



#62
4-Nitroaniline
Concen: 35.766 ng
RT: 15.586 min Scan# 2125
Delta R.T. -0.006 min
Lab File: BM037278.D
Acq: 29 Oct 2022 19:25

Tgt Ion:138 Resp: 656732
Ion Ratio Lower Upper
138 100
92 50.0 28.1 68.1
108 71.7 51.3 91.3

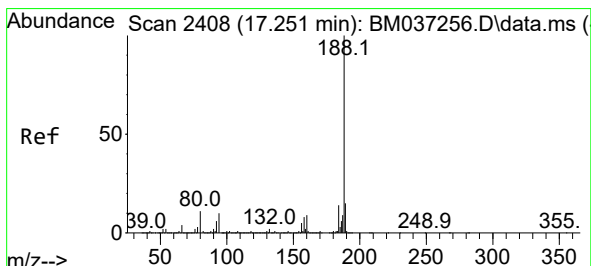
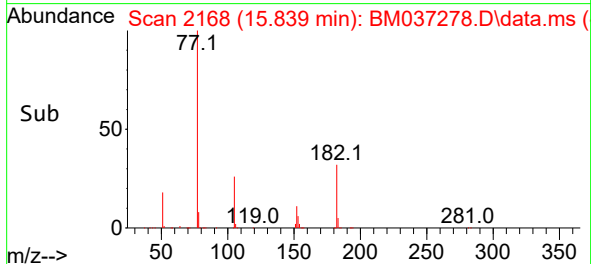
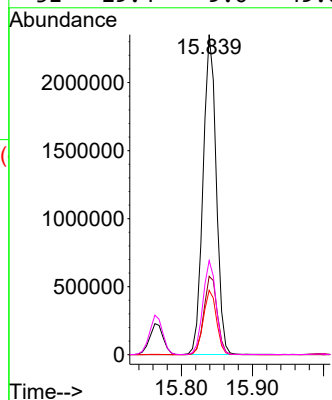
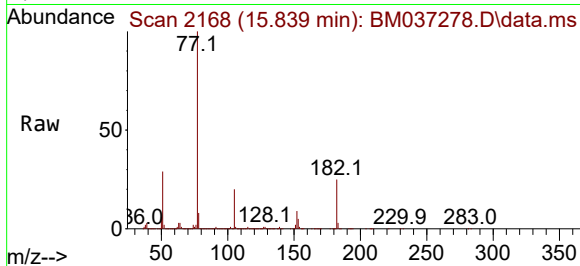




#63
Azobenzene
Concen: 40.935 ng
RT: 15.839 min Scan# 2168
Delta R.T. -0.006 min
Lab File: BM037278.D
Acq: 29 Oct 2022 19:25

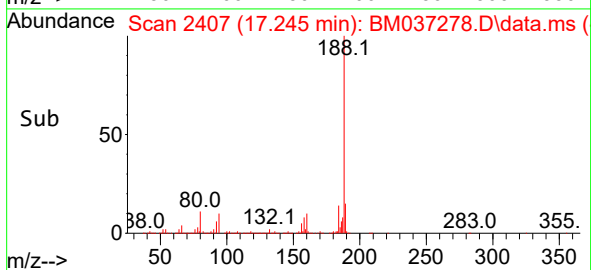
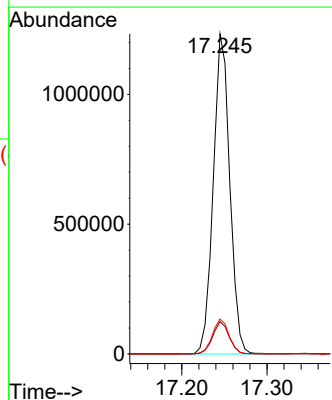
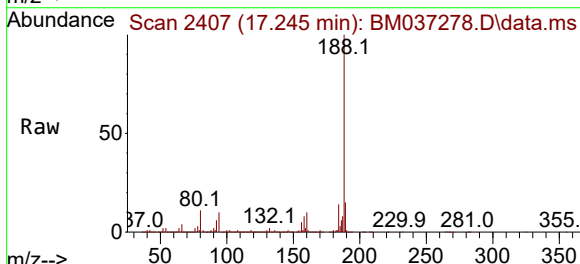
Instrument :
BNA_M
ClientSampleId :
BACKYARD-BOTTOM-AMS

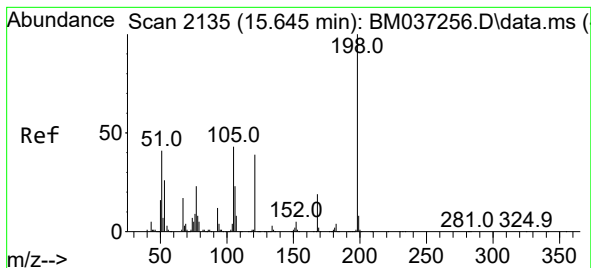
Tgt Ion: 77 Resp: 3033191
Ion Ratio Lower Upper
77 100
182 24.5 5.1 45.1
105 20.1 0.5 40.5
51 29.4 9.0 49.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.245 min Scan# 2407
Delta R.T. -0.006 min
Lab File: BM037278.D
Acq: 29 Oct 2022 19:25

Tgt Ion:188 Resp: 1663460
Ion Ratio Lower Upper
188 100
94 10.1 7.9 11.9
80 10.9 8.5 12.7

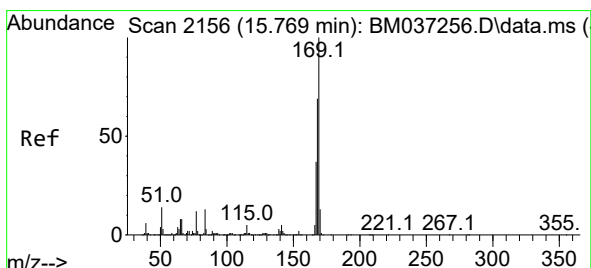
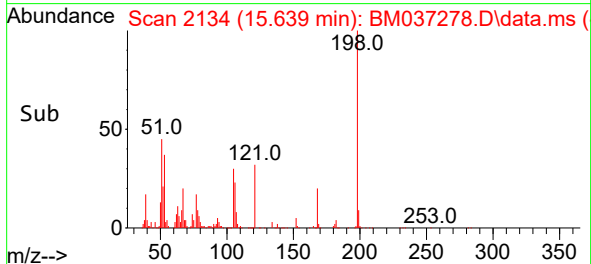
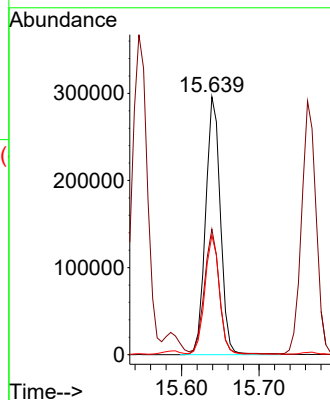
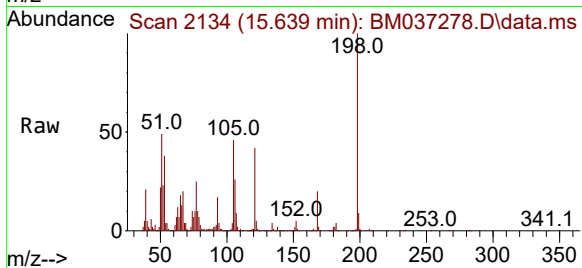




#65
4,6-Dinitro-2-methylphenol
Concen: 35.295 ng
RT: 15.639 min Scan# 2134
Delta R.T. -0.006 min
Lab File: BM037278.D
Acq: 29 Oct 2022 19:25

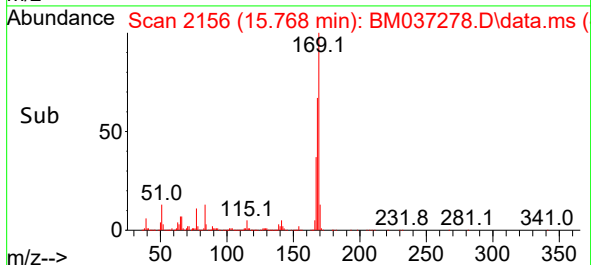
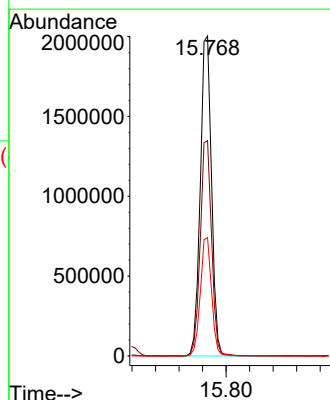
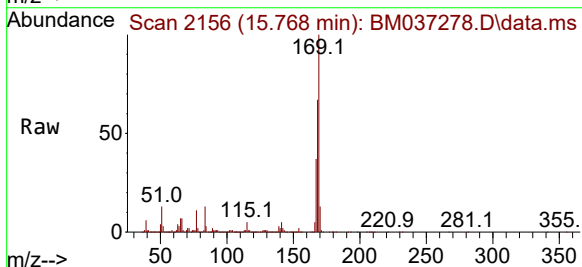
Instrument :
BNA_M
ClientSampleId :
BACKYARD-BOTTOM-AMS

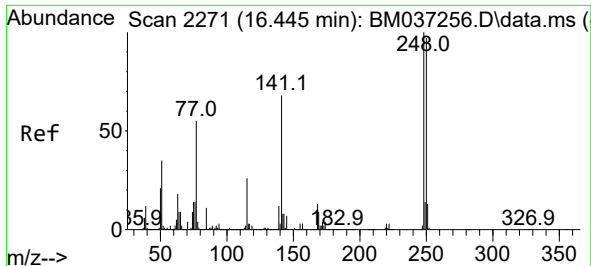
Tgt Ion:198 Resp: 392397
Ion Ratio Lower Upper
198 100
51 48.6 26.8 66.8
105 46.2 24.1 64.1



#66
n-Nitrosodiphenylamine
Concen: 47.179 ng
RT: 15.768 min Scan# 2156
Delta R.T. -0.000 min
Lab File: BM037278.D
Acq: 29 Oct 2022 19:25

Tgt Ion:169 Resp: 2652728
Ion Ratio Lower Upper
169 100
168 67.3 54.8 82.2
167 37.0 29.5 44.3

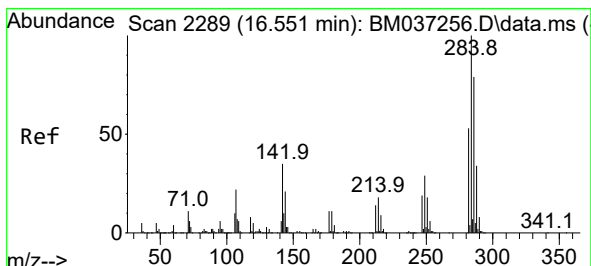
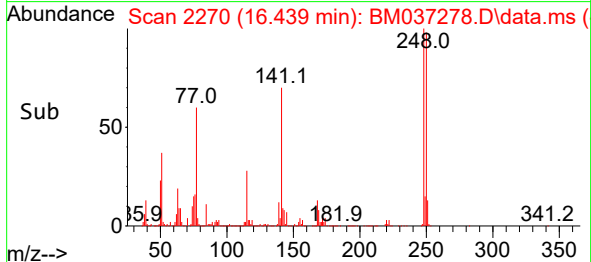
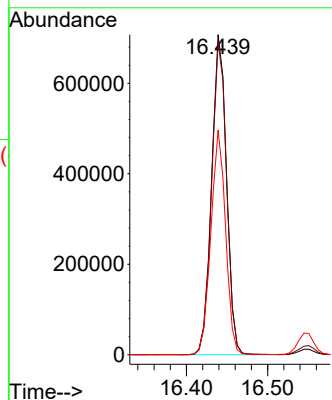
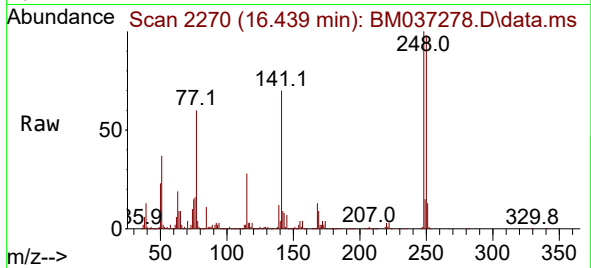




#67
4-Bromophenyl-phenylether
Concen: 48.358 ng
RT: 16.439 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM037278.D
Acq: 29 Oct 2022 19:25

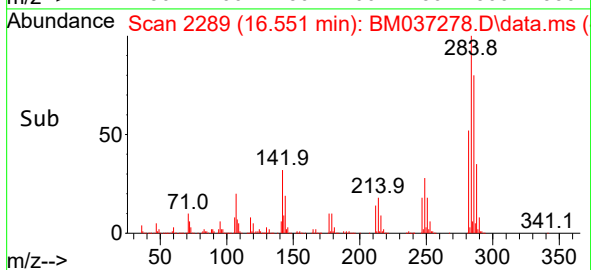
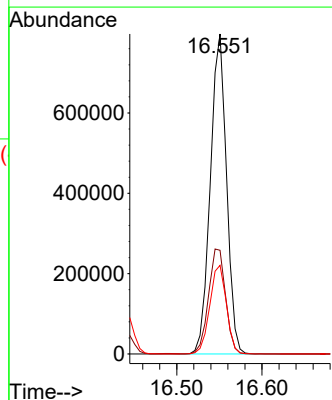
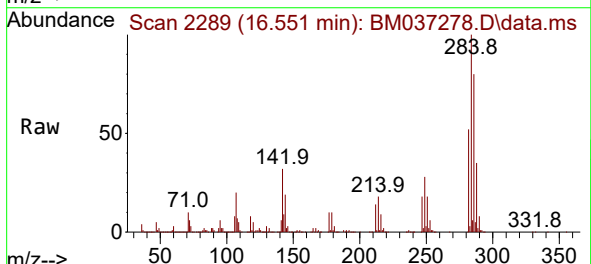
Instrument :
BNA_M
ClientSampleId :
BACKYARD-BOTTOM-AMS

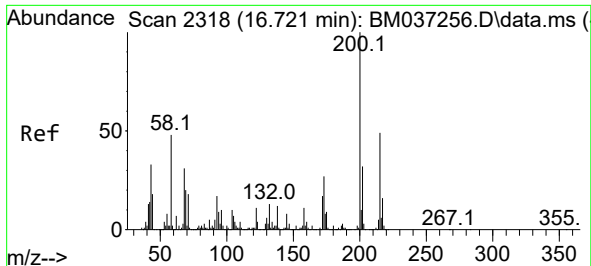
Tgt Ion:248 Resp: 902707
Ion Ratio Lower Upper
248 100
250 97.7 77.8 116.6
141 70.1 54.2 81.2



#68
Hexachlorobenzene
Concen: 46.556 ng
RT: 16.551 min Scan# 2289
Delta R.T. -0.000 min
Lab File: BM037278.D
Acq: 29 Oct 2022 19:25

Tgt Ion:284 Resp: 1051746
Ion Ratio Lower Upper
284 100
142 32.4 28.2 42.4
249 27.7 23.1 34.7

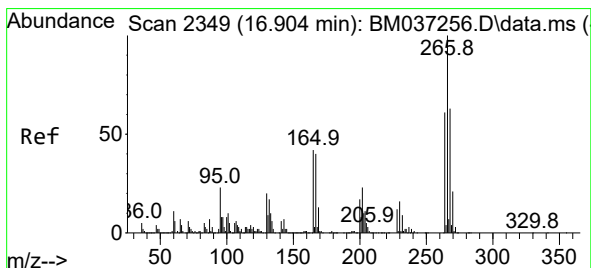
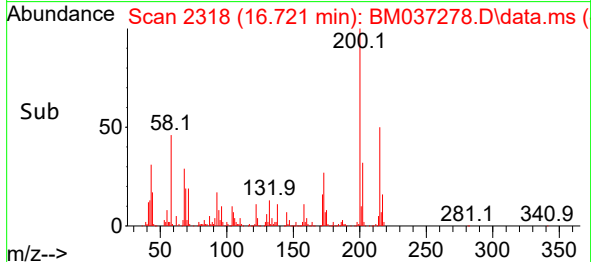
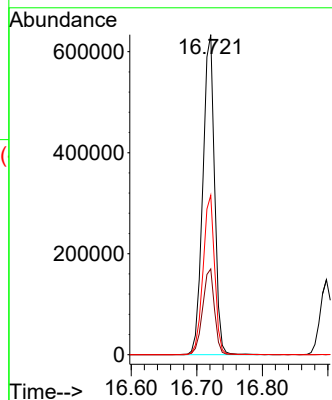
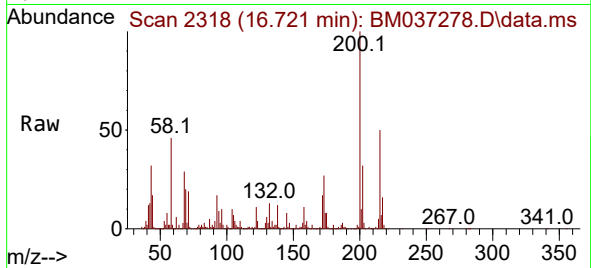




#69
 Atrazine
 Concen: 55.879 ng
 RT: 16.721 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BM037278.D
 Acq: 29 Oct 2022 19:25

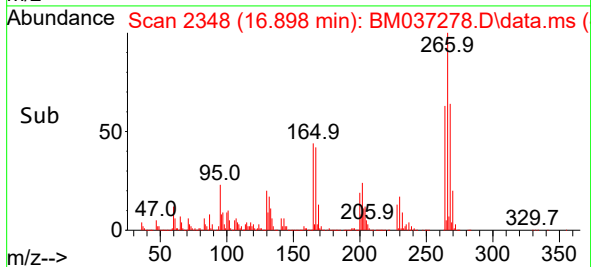
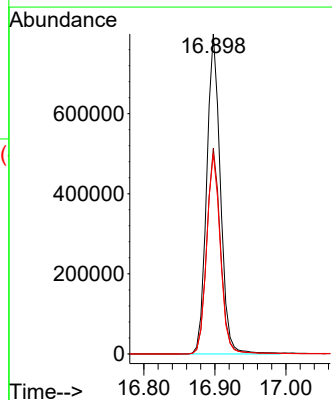
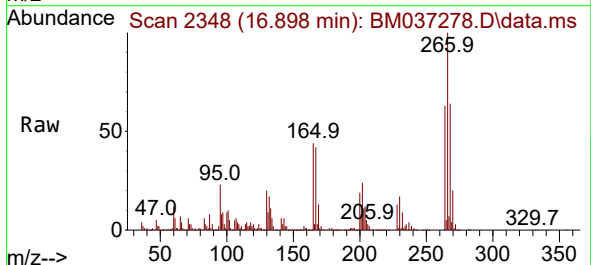
Instrument :
 BNA_M
 ClientSampleId :
 BACKYARD-BOTTOM-AMS

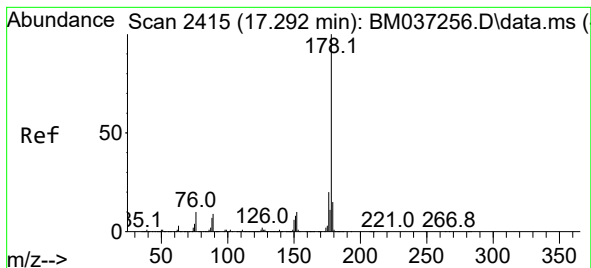
Tgt Ion:200 Resp: 790540
 Ion Ratio Lower Upper
 200 100
 173 26.8 6.8 46.8
 215 49.8 28.5 68.5



#70
 Pentachlorophenol
 Concen: 81.557 ng
 RT: 16.898 min Scan# 2348
 Delta R.T. -0.006 min
 Lab File: BM037278.D
 Acq: 29 Oct 2022 19:25

Tgt Ion:266 Resp: 1072098
 Ion Ratio Lower Upper
 266 100
 268 64.2 50.7 76.1
 264 62.6 49.1 73.7





#71

Phenanthrene

Concen: 41.935 ng

RT: 17.292 min Scan# 2415

Delta R.T. -0.000 min

Lab File: BM037278.D

Acq: 29 Oct 2022 19:25

Instrument :

BNA_M

ClientSampleId :

BACKYARD-BOTTOM-AMS

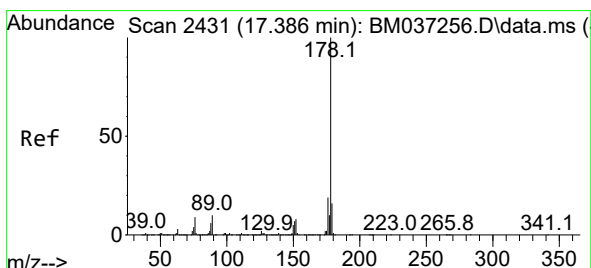
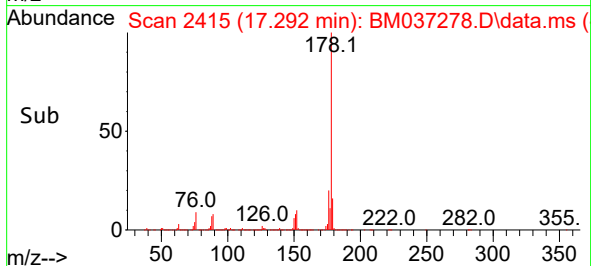
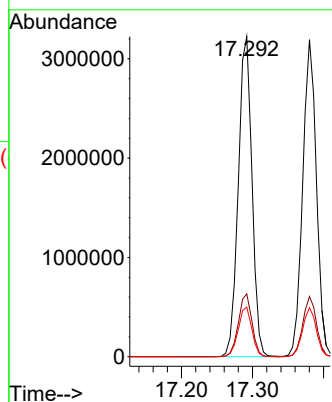
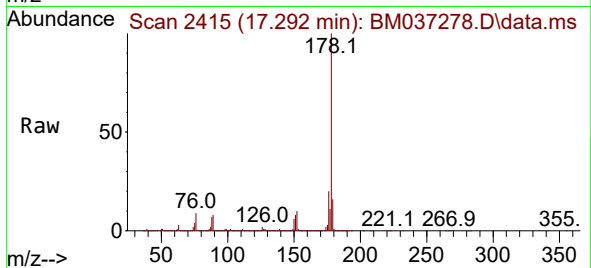
Tgt Ion:178 Resp: 4327835

Ion Ratio Lower Upper

178 100

176 19.7 15.6 23.4

179 15.5 12.4 18.6



#72

Anthracene

Concen: 43.912 ng

RT: 17.380 min Scan# 2430

Delta R.T. -0.006 min

Lab File: BM037278.D

Acq: 29 Oct 2022 19:25

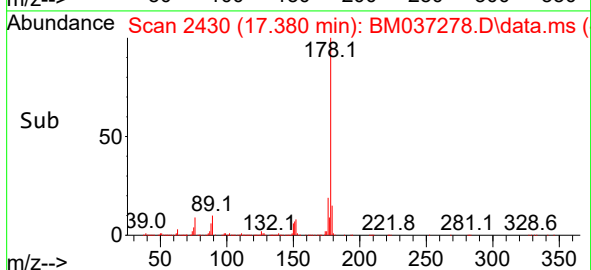
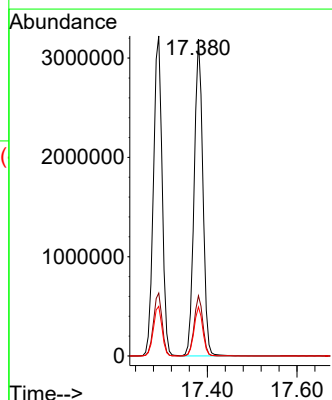
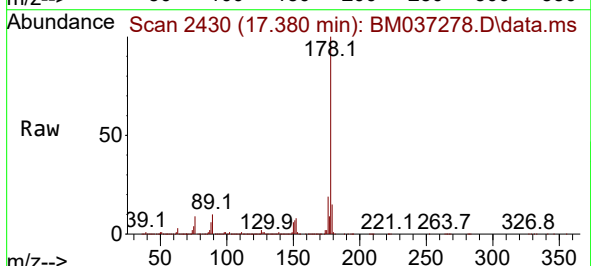
Tgt Ion:178 Resp: 4290277

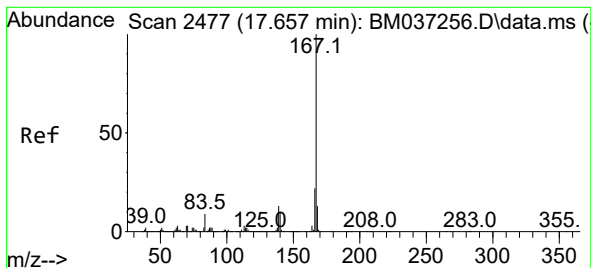
Ion Ratio Lower Upper

178 100

176 19.0 15.4 23.0

179 15.5 12.6 19.0





#73

Carbazole

Concen: 41.575 ng

RT: 17.657 min Scan# 2477

Delta R.T. -0.000 min

Lab File: BM037278.D

Acq: 29 Oct 2022 19:25

Instrument :

BNA_M

ClientSampleId :

BACKYARD-BOTTOM-AMS

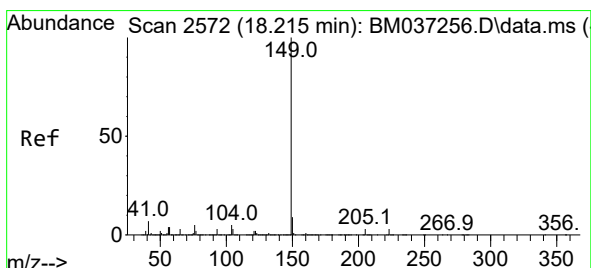
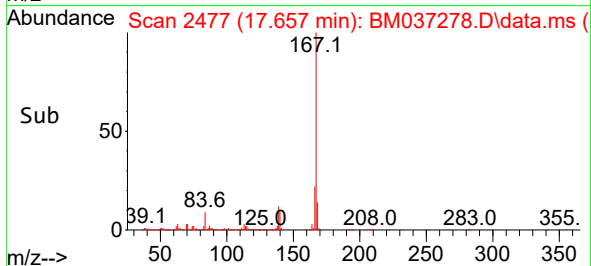
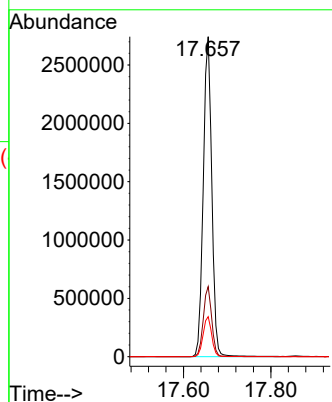
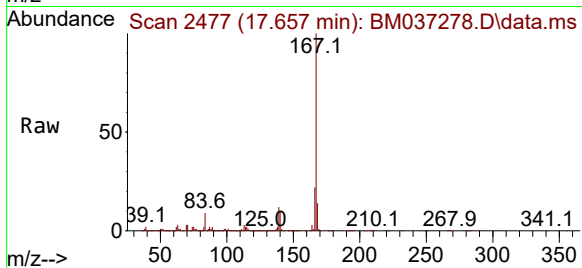
Tgt Ion:167 Resp: 3725979

Ion Ratio Lower Upper

167 100

166 21.9 17.4 26.2

139 12.5 10.4 15.6



#74

Di-n-butylphthalate

Concen: 46.674 ng

RT: 18.215 min Scan# 2572

Delta R.T. -0.000 min

Lab File: BM037278.D

Acq: 29 Oct 2022 19:25

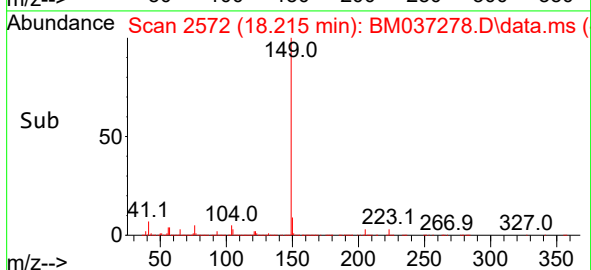
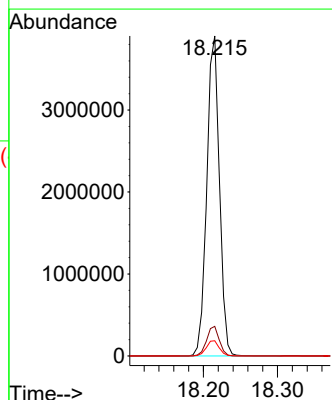
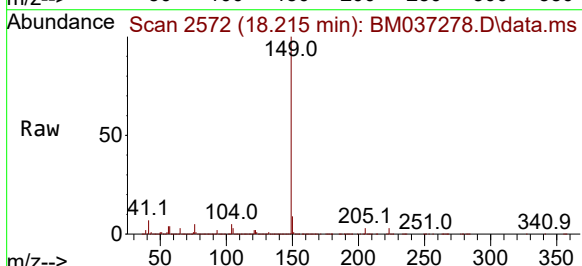
Tgt Ion:149 Resp: 4618878

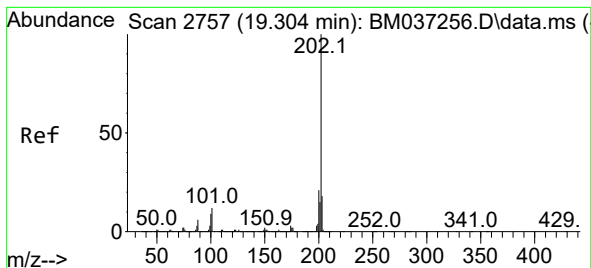
Ion Ratio Lower Upper

149 100

150 9.3 7.4 11.0

104 4.8 4.0 6.0





#75

Fluoranthene

Concen: 38.896 ng

RT: 19.298 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM037278.D

Acq: 29 Oct 2022 19:25

Instrument :

BNA_M

ClientSampleId :

BACKYARD-BOTTOM-AMS

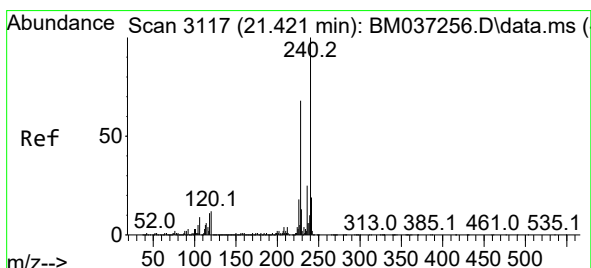
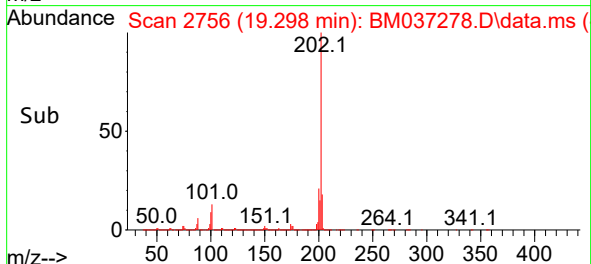
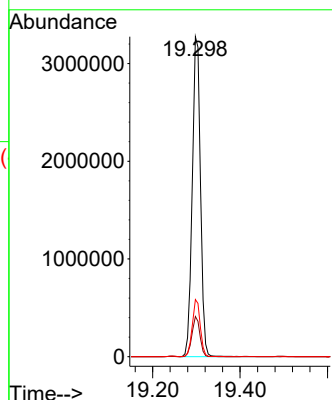
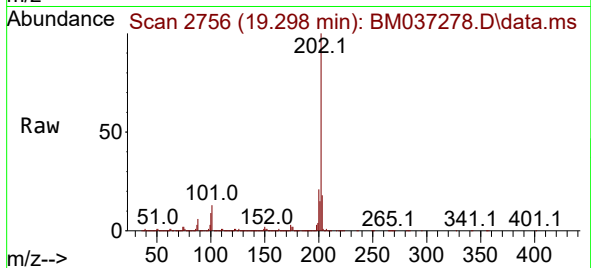
Tgt Ion:202 Resp: 4243225

Ion Ratio Lower Upper

202 100

101 12.5 0.0 32.4

203 17.8 0.0 37.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.421 min Scan# 3117

Delta R.T. -0.000 min

Lab File: BM037278.D

Acq: 29 Oct 2022 19:25

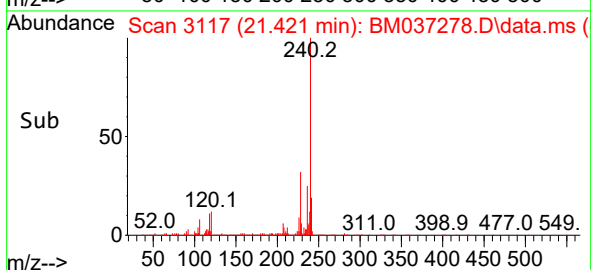
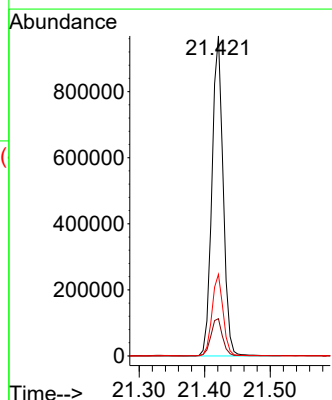
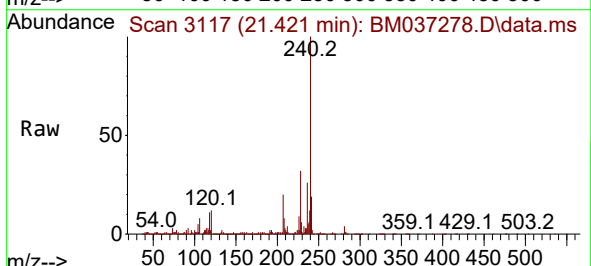
Tgt Ion:240 Resp: 1149507

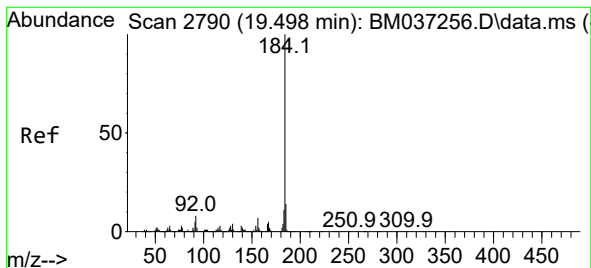
Ion Ratio Lower Upper

240 100

120 11.7 9.9 14.9

236 25.5 20.3 30.5





#77

Benzidine

Concen: 58.478 ng

RT: 19.492 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM037278.D

Acq: 29 Oct 2022 19:25

Instrument :

BNA_M

ClientSampleId :

BACKYARD-BOTTOM-AMS

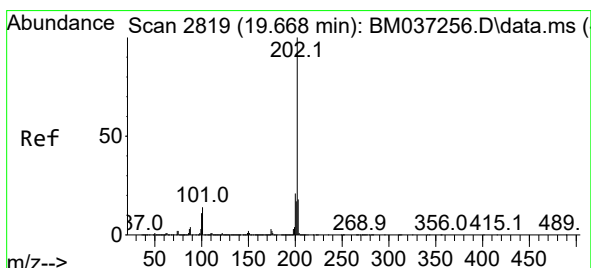
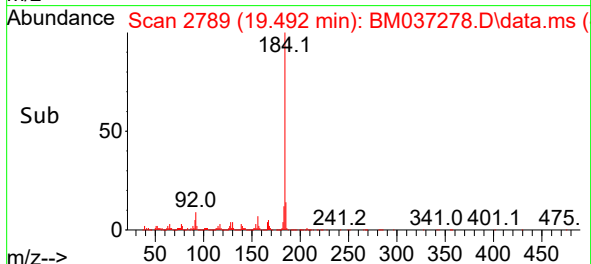
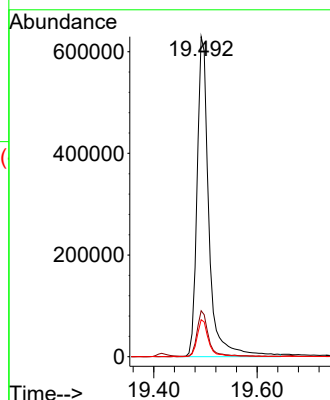
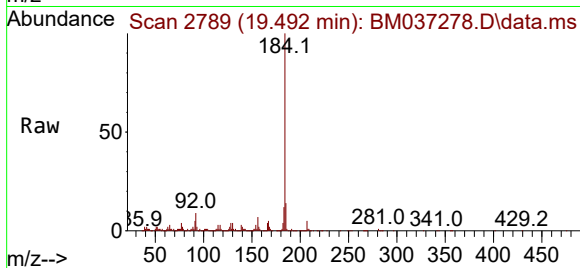
Tgt Ion:184 Resp: 1002351

Ion Ratio Lower Upper

184 100

185 14.4 11.3 16.9

183 11.5 9.0 13.4



#78

Pyrene

Concen: 47.970 ng

RT: 19.662 min Scan# 2818

Delta R.T. -0.006 min

Lab File: BM037278.D

Acq: 29 Oct 2022 19:25

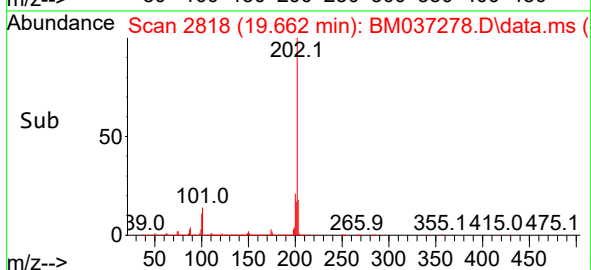
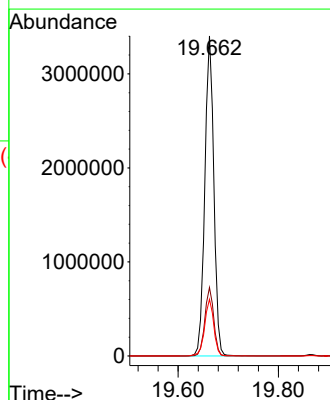
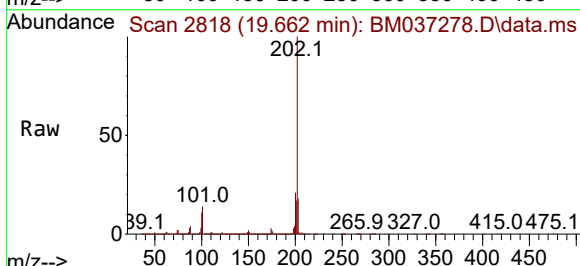
Tgt Ion:202 Resp: 4240228

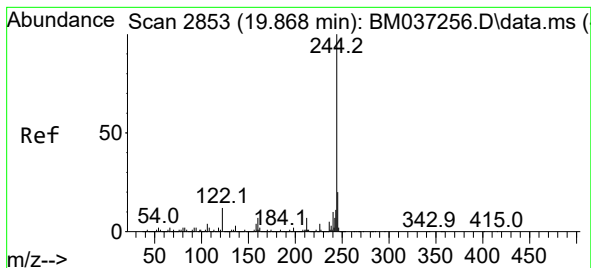
Ion Ratio Lower Upper

202 100

200 21.4 17.0 25.6

203 17.7 14.1 21.1





#79

Terphenyl-d14

Concen: 83.048 ng

RT: 19.862 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM037278.D

Acq: 29 Oct 2022 19:25

Instrument :

BNA_M

ClientSampleId :

BACKYARD-BOTTOM-AMS

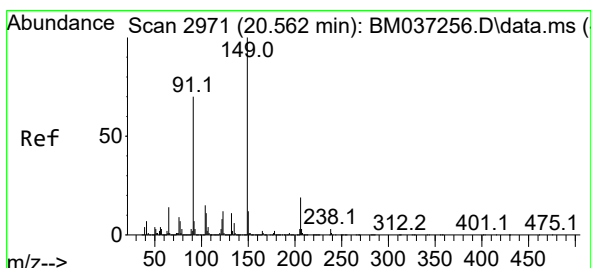
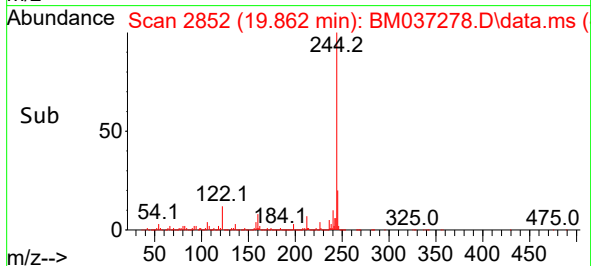
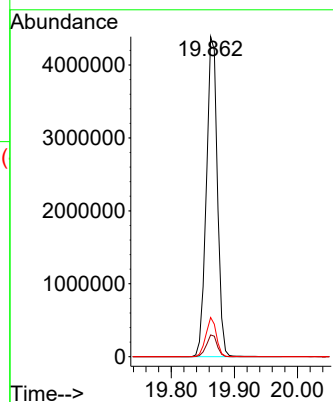
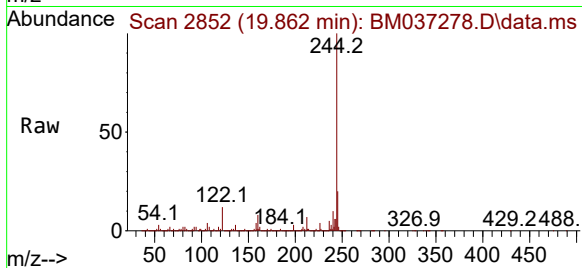
Tgt Ion:244 Resp: 5323463

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.2

122 12.2 9.4 14.2



#80

Butylbenzylphthalate

Concen: 51.091 ng

RT: 20.556 min Scan# 2970

Delta R.T. -0.006 min

Lab File: BM037278.D

Acq: 29 Oct 2022 19:25

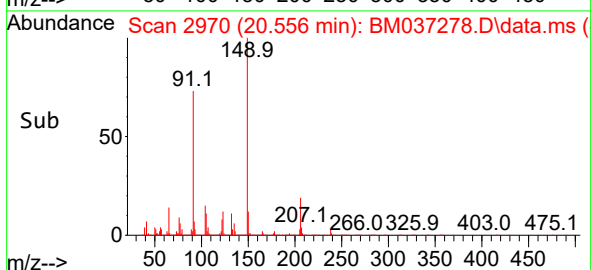
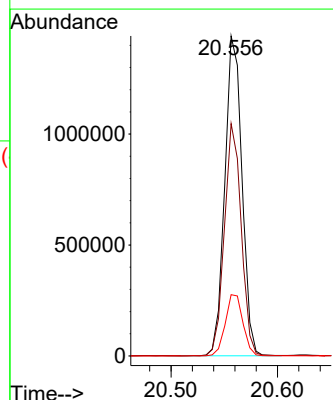
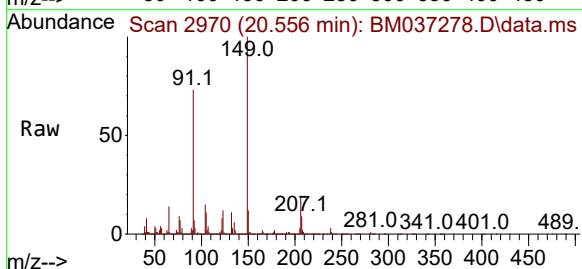
Tgt Ion:149 Resp: 1612813

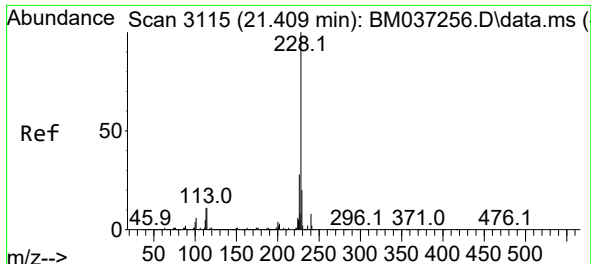
Ion Ratio Lower Upper

149 100

91 72.6 56.2 84.4

206 19.1 15.4 23.0

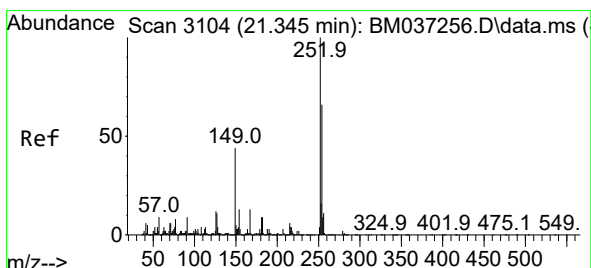
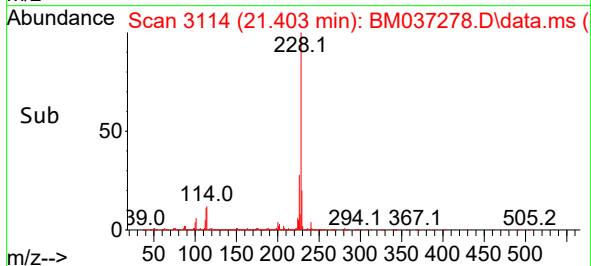
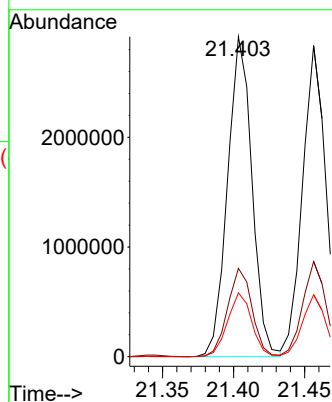
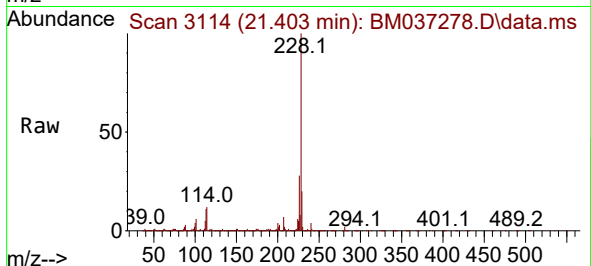




#81
Benzo(a)anthracene
Concen: 42.712 ng
RT: 21.403 min Scan# 3115
Delta R.T. -0.006 min
Lab File: BM037278.D
Acq: 29 Oct 2022 19:25

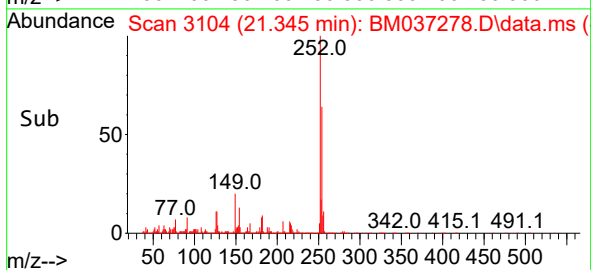
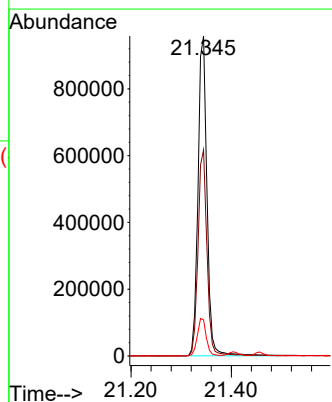
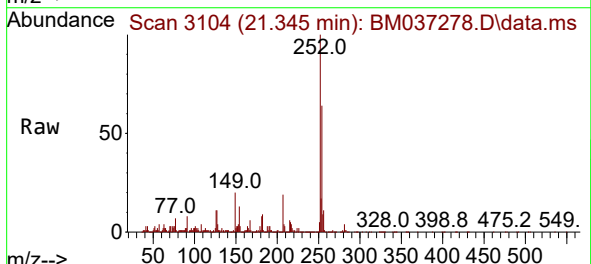
Instrument :
BNA_M
ClientSampleId :
BACKYARD-BOTTOM-AMS

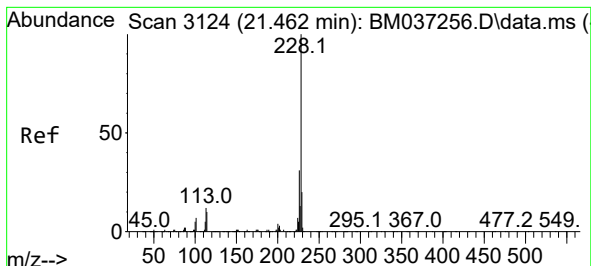
Tgt Ion:228 Resp: 3495466
Ion Ratio Lower Upper
228 100
226 27.6 22.3 33.5
229 20.0 16.2 24.2



#82
3,3'-Dichlorobenzidine
Concen: 49.354 ng
RT: 21.345 min Scan# 3104
Delta R.T. -0.000 min
Lab File: BM037278.D
Acq: 29 Oct 2022 19:25

Tgt Ion:252 Resp: 1186289
Ion Ratio Lower Upper
252 100
254 64.4 52.7 79.1
126 11.3 9.8 14.6





#83

Chrysene

Concen: 41.326 ng

RT: 21.456 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM037278.D

Acq: 29 Oct 2022 19:25

Instrument :

BNA_M

ClientSampleId :

BACKYARD-BOTTOM-AMS

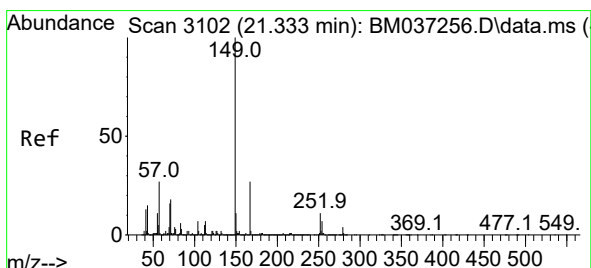
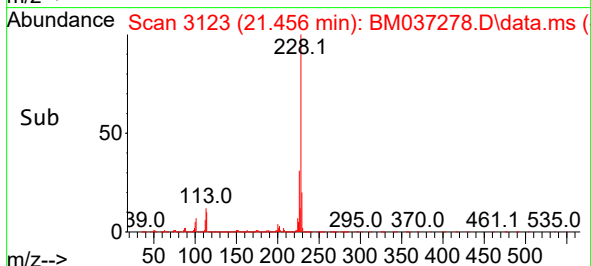
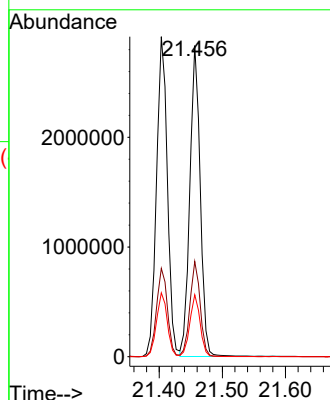
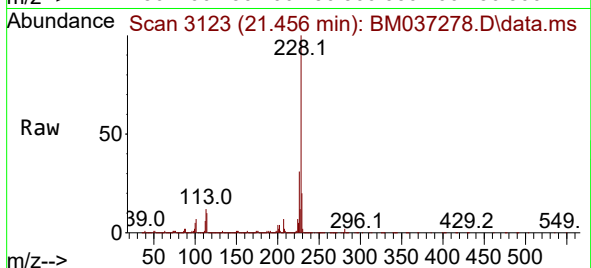
Tgt Ion:228 Resp: 3258390

Ion Ratio Lower Upper

228 100

226 30.6 24.4 36.6

229 19.9 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 53.848 ng

RT: 21.327 min Scan# 3101

Delta R.T. -0.006 min

Lab File: BM037278.D

Acq: 29 Oct 2022 19:25

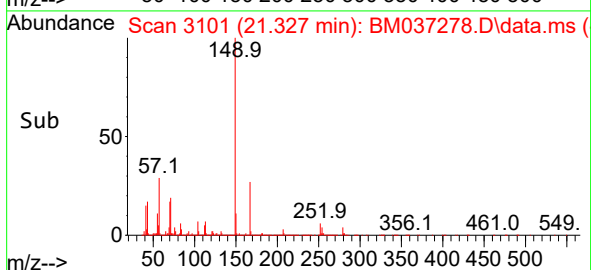
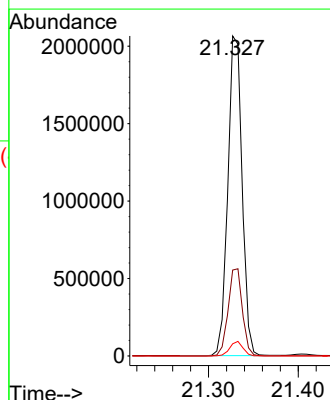
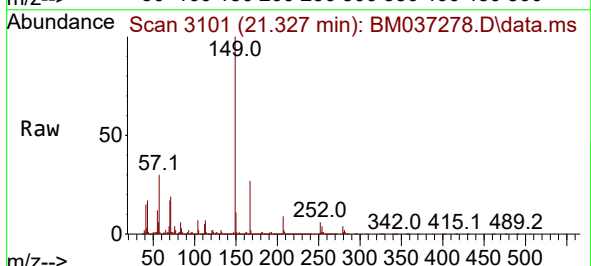
Tgt Ion:149 Resp: 2281450

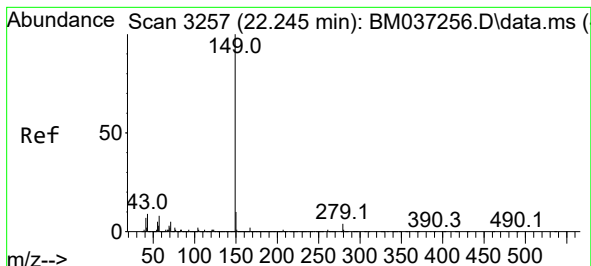
Ion Ratio Lower Upper

149 100

167 26.9 21.2 31.8

279 3.8 3.1 4.7





#85

Di-n-octyl phthalate

Concen: 50.772 ng

RT: 22.239 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM037278.D

Acq: 29 Oct 2022 19:25

Instrument :

BNA_M

ClientSampleId :

BACKYARD-BOTTOM-AMS

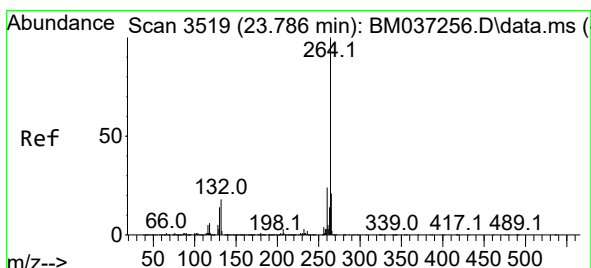
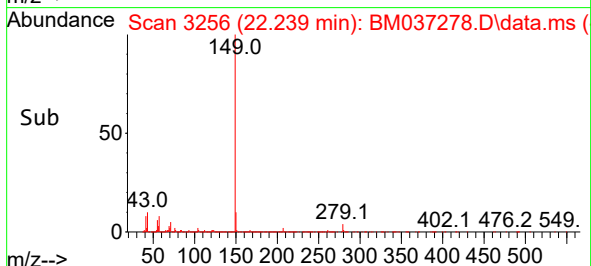
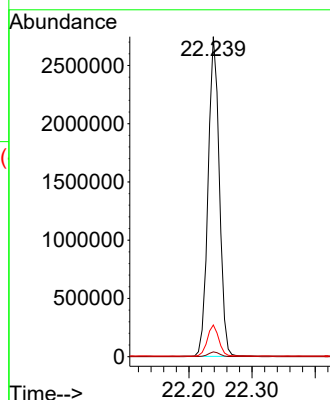
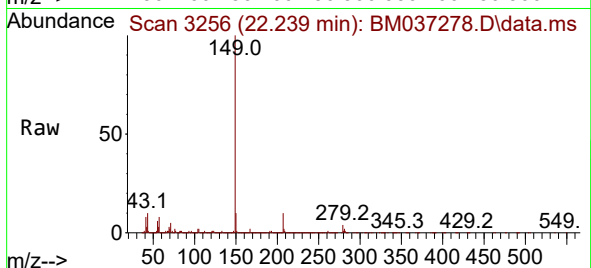
Tgt Ion:149 Resp: 3387821

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

43 10.0 8.0 12.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.780 min Scan# 3518

Delta R.T. -0.006 min

Lab File: BM037278.D

Acq: 29 Oct 2022 19:25

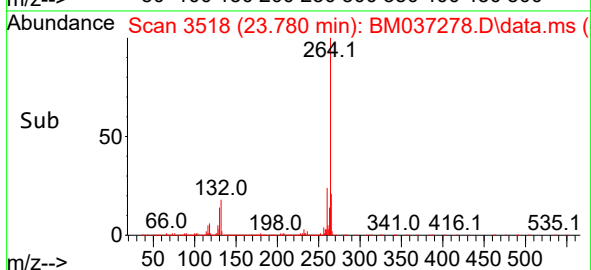
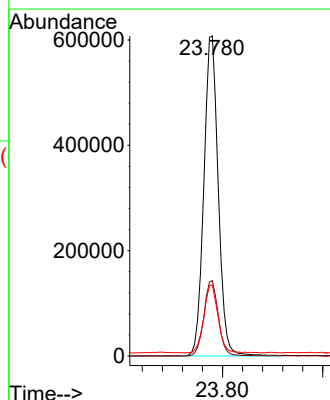
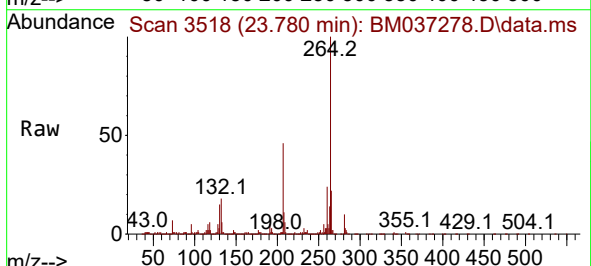
Tgt Ion:264 Resp: 1212640

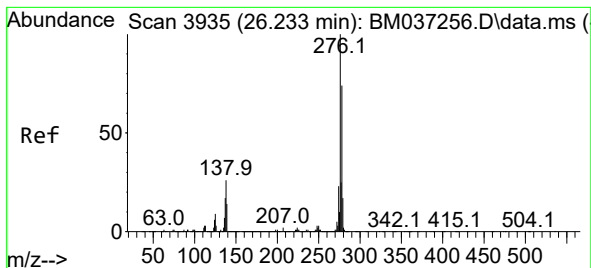
Ion Ratio Lower Upper

264 100

260 23.6 18.9 28.3

265 22.1 17.7 26.5





#87

Indeno(1,2,3-cd)pyrene

Concen: 48.987 ng

RT: 26.227 min Scan# 3934

Delta R.T. -0.006 min

Lab File: BM037278.D

Acq: 29 Oct 2022 19:25

Instrument :

BNA_M

ClientSampleId :

BACKYARD-BOTTOM-AMS

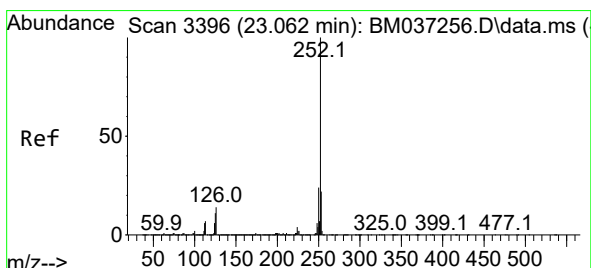
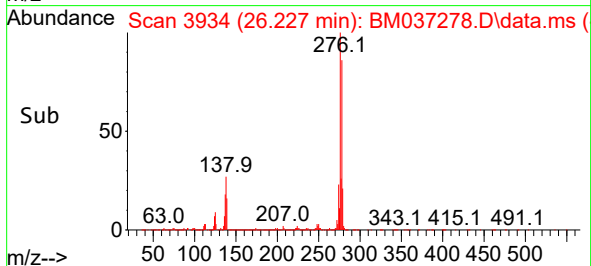
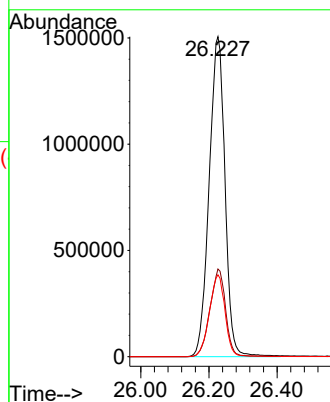
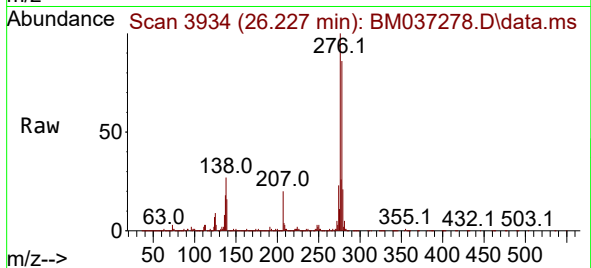
Tgt Ion:276 Resp: 4863837

Ion Ratio Lower Upper

276 100

138 27.1 21.5 32.3

277 25.3 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 43.590 ng

RT: 23.062 min Scan# 3396

Delta R.T. -0.000 min

Lab File: BM037278.D

Acq: 29 Oct 2022 19:25

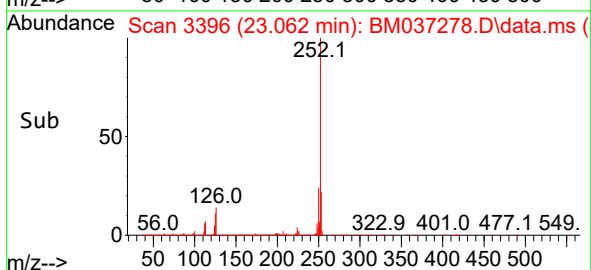
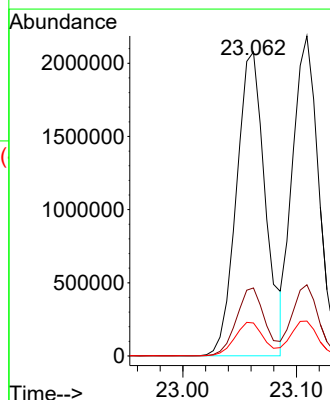
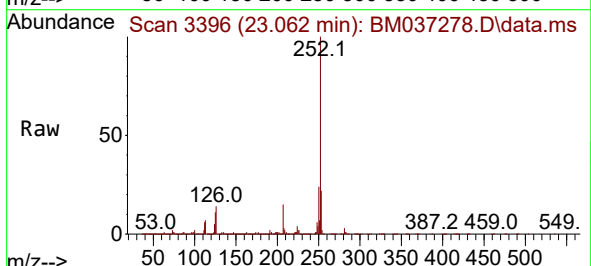
Tgt Ion:252 Resp: 3669751

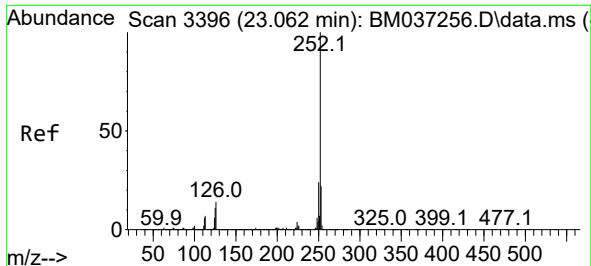
Ion Ratio Lower Upper

252 100

253 22.4 17.8 26.6

125 10.9 9.1 13.7

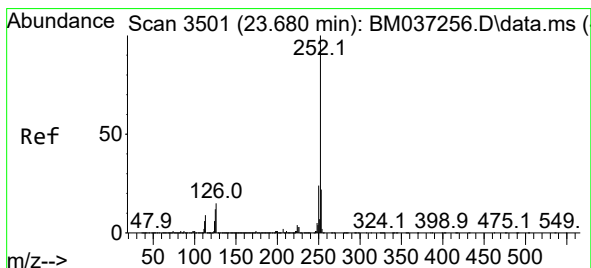
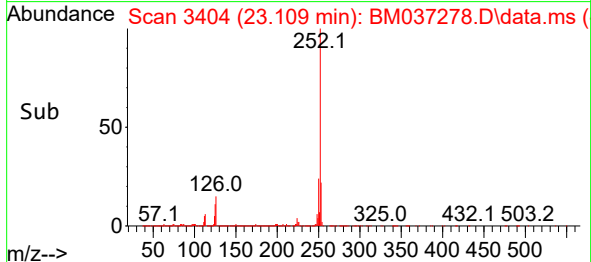
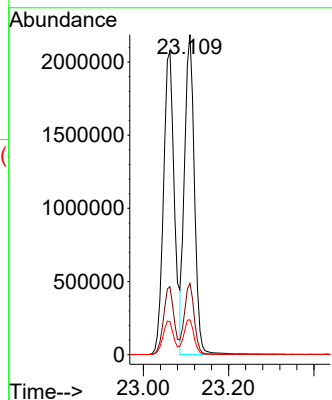
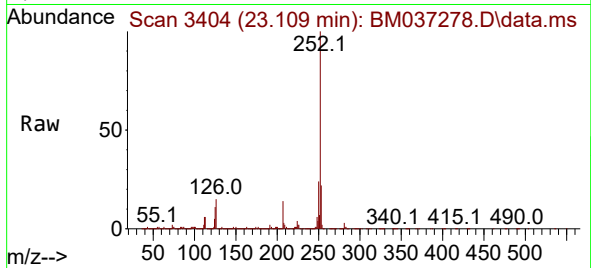




#89
Benzo(k)fluoranthene
Concen: 40.914 ng
RT: 23.109 min Scan# 34
Delta R.T. -0.006 min
Lab File: BM037278.D
Acq: 29 Oct 2022 19:25

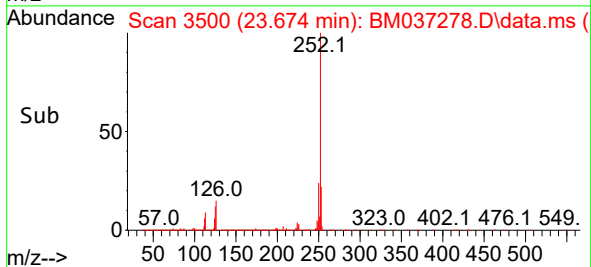
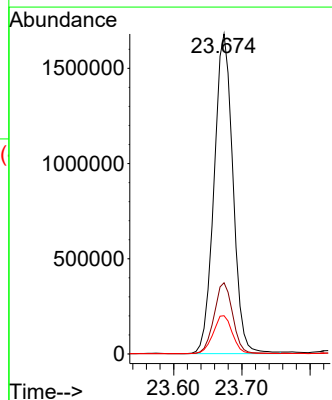
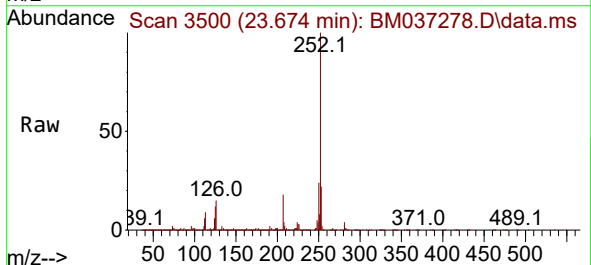
Instrument :
BNA_M
ClientSampleId :
BACKYARD-BOTTOM-AMS

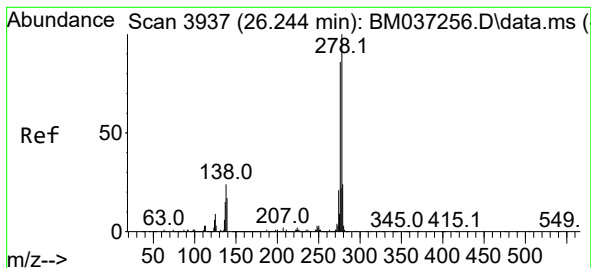
Tgt Ion:252 Resp: 3513378
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.6
125 10.9 9.1 13.7



#90
Benzo(a)pyrene
Concen: 47.132 ng
RT: 23.674 min Scan# 3500
Delta R.T. -0.006 min
Lab File: BM037278.D
Acq: 29 Oct 2022 19:25

Tgt Ion:252 Resp: 3232973
Ion Ratio Lower Upper
252 100
253 22.2 17.4 26.2
125 12.0 9.9 14.9





#91

Dibenzo(a,h)anthracene

Concen: 51.673 ng

RT: 26.238 min Scan# 3937

Delta R.T. -0.006 min

Lab File: BM037278.D

Acq: 29 Oct 2022 19:25

Instrument :

BNA_M

ClientSampleId :

BACKYARD-BOTTOM-AMS

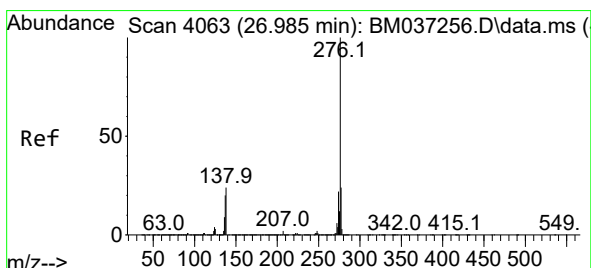
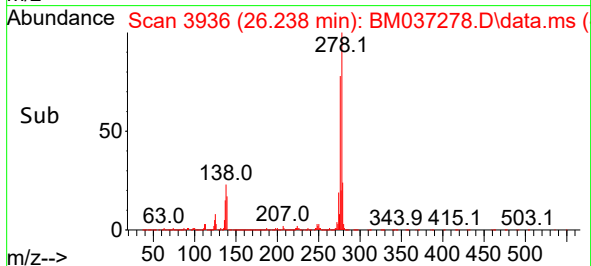
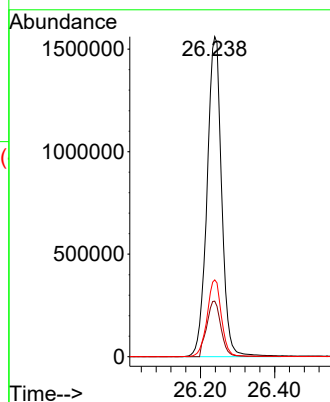
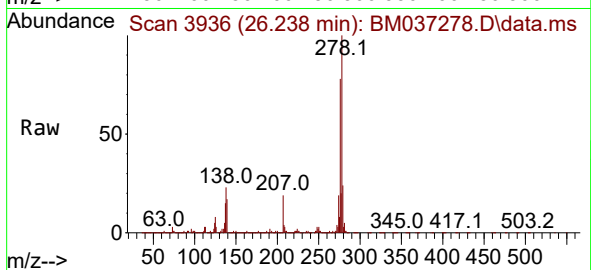
Tgt Ion:278 Resp: 4260564

Ion Ratio Lower Upper

278 100

139 17.4 13.8 20.8

279 24.0 19.0 28.6



#92

Benzo(g,h,i)perylene

Concen: 52.235 ng

RT: 26.974 min Scan# 4061

Delta R.T. -0.012 min

Lab File: BM037278.D

Acq: 29 Oct 2022 19:25

Tgt Ion:276 Resp: 4191733

Ion Ratio Lower Upper

276 100

277 23.8 19.4 29.2

138 23.8 18.9 28.3

