

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032123\
 Data File : BM039069.D
 Acq On : 21 Mar 2023 15:07
 Operator : CG/JU
 Sample : 01963-02MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 NYE-SOIL-0316MS

Quant Time: Mar 22 03:40:19 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 22 03:36:20 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.969	152	287662	20.000	ng	0.00
21) Naphthalene-d8	10.780	136	1105206	20.000	ng	0.00
39) Acenaphthene-d10	14.610	164	597564	20.000	ng	0.00
64) Phenanthrene-d10	17.351	188	1186065	20.000	ng	0.00
76) Chrysene-d12	21.533	240	1079587	20.000	ng	0.00
86) Perylene-d12	23.962	264	1116150	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	2765788	146.075	ng	0.00
7) Phenol-d6	7.134	99	3204850	130.314	ng	0.00
23) Nitrobenzene-d5	9.139	82	2195436	97.576	ng	0.00
42) 2,4,6-Tribromophenol	16.098	330	1077760	155.906	ng	0.00
45) 2-Fluorobiphenyl	13.233	172	4271172	93.048	ng	0.00
79) Terphenyl-d14	19.974	244	5954424	100.841	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.405	88	365374	43.377	ng	# 45
3) Pyridine	3.810	79	756473	32.382	ng	98
4) n-Nitrosodimethylamine	3.710	42	428312	45.056	ng	99
6) Aniline	7.292	93	620408	19.213	ng	100
8) 2-Chlorophenol	7.534	128	1005183	49.866	ng	98
9) Benzaldehyde	7.104	77	274933	23.492	ng	97
10) Phenol	7.157	94	1184386	45.350	ng	98
11) bis(2-Chloroethyl)ether	7.392	93	1027626	48.396	ng	99
12) 1,3-Dichlorobenzene	7.857	146	1069861	49.942	ng	99
13) 1,4-Dichlorobenzene	8.004	146	1083960	49.753	ng	99
14) 1,2-Dichlorobenzene	8.322	146	1048750	49.973	ng	99
15) Benzyl Alcohol	8.210	79	842844	47.814	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.504	45	1322539	49.318	ng	99
17) 2-Methylphenol	8.416	107	819242	45.664	ng	99
18) Hexachloroethane	9.057	117	407335	50.674	ng	96
19) n-Nitroso-di-n-propyla...	8.787	70	761682	49.171	ng	100
20) 3+4-Methylphenols	8.745	107	1098078	45.839	ng	100
22) Acetophenone	8.798	105	1529352	49.321	ng	# 99
24) Nitrobenzene	9.181	77	1137472	48.099	ng	98
25) Isophorone	9.710	82	2051586	49.550	ng	100
26) 2-Nitrophenol	9.892	139	520695	49.749	ng	96
27) 2,4-Dimethylphenol	9.951	122	908326	50.348	ng	99
28) bis(2-Chloroethoxy)met...	10.192	93	1275771	47.955	ng	100
29) 2,4-Dichlorophenol	10.428	162	872633	51.019	ng	99
30) 1,2,4-Trichlorobenzene	10.645	180	916092	49.013	ng	100
31) Naphthalene	10.833	128	2985376	47.371	ng	100
32) Benzoic acid	10.086	122	593607	45.222	ng	100
33) 4-Chloroaniline	10.945	127	138916	5.172	ng	97
34) Hexachlorobutadiene	11.116	225	510595	47.637	ng	98
35) Caprolactam	11.739	113	249039	47.839	ng	98
36) 4-Chloro-3-methylphenol	12.063	107	911249	50.032	ng	99
37) 2-Methylnaphthalene	12.439	142	1961894	46.447	ng	99
38) 1-Methylnaphthalene	12.657	142	1836435	46.393	ng	99
40) 1,2,4,5-Tetrachloroben...	12.804	216	957695	49.298	ng	99
41) Hexachlorocyclopentadiene	12.786	237	1315578	123.374	ng	99
43) 2,4,6-Trichlorophenol	13.045	196	644426	51.227	ng	99

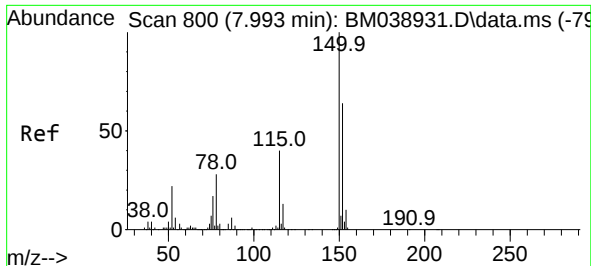
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.116	196	706990	48.014	ng	98
46) 1,1'-Biphenyl	13.445	154	2524688	49.871	ng	100
47) 2-Chloronaphthalene	13.486	162	1913636	50.129	ng	100
48) 2-Nitroaniline	13.692	65	599520	49.003	ng	96
49) Acenaphthylene	14.333	152	2999569	49.330	ng	99
50) Dimethylphthalate	14.069	163	2290681	49.817	ng	100
51) 2,6-Dinitrotoluene	14.186	165	503095	49.417	ng	99
52) Acenaphthene	14.674	154	1813755	48.536	ng	99
53) 3-Nitroaniline	14.516	138	248087	21.767	ng	99
54) 2,4-Dinitrophenol	14.721	184	631138	106.165	ng	91
55) Dibenzofuran	15.010	168	2824229	48.296	ng	100
56) 4-Nitrophenol	14.821	139	967505	105.944	ng	97
57) 2,4-Dinitrotoluene	14.968	165	688732	51.314	ng	99
58) Fluorene	15.657	166	2263862	49.422	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.233	232	588069	51.785	ng	99
60) Diethylphthalate	15.427	149	2283020	51.028	ng	99
61) 4-Chlorophenyl-phenyle...	15.651	204	1072985	47.681	ng	100
62) 4-Nitroaniline	15.674	138	531301	44.058	ng	98
63) Azobenzene	15.939	77	2365841	49.975	ng	99
65) 4,6-Dinitro-2-methylph...	15.733	198	392531	50.110	ng	95
66) n-Nitrosodiphenylamine	15.863	169	1696681	42.433	ng	100
67) 4-Bromophenyl-phenylether	16.545	248	627788	49.004	ng	99
68) Hexachlorobenzene	16.657	284	717501	50.101	ng	99
69) Atrazine	16.815	200	339707	31.104	ng	98
70) Pentachlorophenol	16.998	266	994718	94.436	ng	99
71) Phenanthrene	17.398	178	3408076	48.959	ng	100
72) Anthracene	17.486	178	3485144	50.204	ng	100
73) Carbazole	17.756	167	2846803	44.933	ng	100
74) Di-n-butylphthalate	18.321	149	3948108	50.976	ng	99
75) Fluoranthene	19.409	202	3749966	51.021	ng	99
77) Benzidine	19.592	184	705333	30.627	ng	99
78) Pyrene	19.768	202	3994892	49.267	ng	100
80) Butylbenzylphthalate	20.662	149	1764839	50.967	ng	97
81) Benzo(a)anthracene	21.515	228	3862262	49.678	ng	99
82) 3,3'-Dichlorobenzidine	21.450	252	487933	20.420	ng	99
83) Chrysene	21.568	228	3633799	48.057	ng	99
84) Bis(2-ethylhexyl)phtha...	21.439	149	2574228	51.451	ng	100
85) Di-n-octyl phthalate	22.374	149	4476505	53.628	ng	99
87) Indeno(1,2,3-cd)pyrene	26.497	276	4736444	55.768	ng	99
88) Benzo(b)fluoranthene	23.221	252	4008905	56.220	ng	99
89) Benzo(k)fluoranthene	23.268	252	3959144	53.351	ng	99
90) Benzo(a)pyrene	23.856	252	3484117	50.769	ng	99
91) Dibenzo(a,h)anthracene	26.515	278	4016791	55.846	ng	99
92) Benzo(g,h,i)perylene	27.279	276	3880055	55.138	ng	99

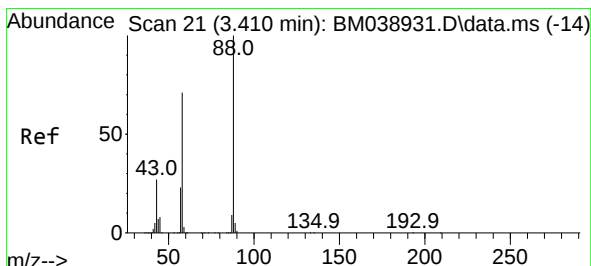
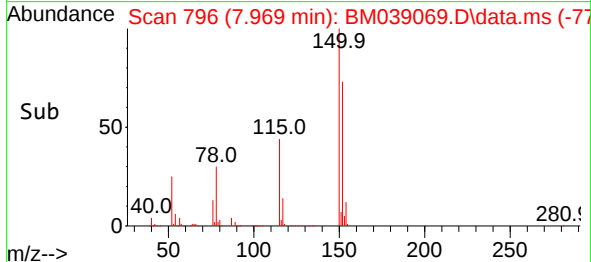
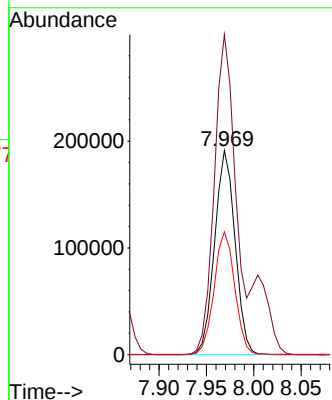
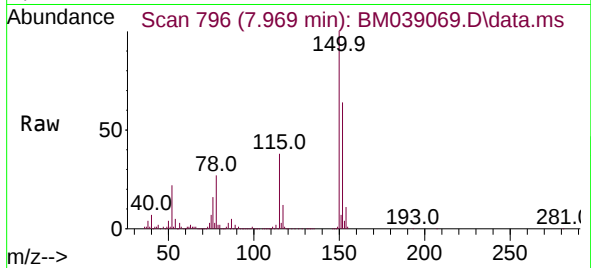
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.969 min Scan# 79
 Delta R.T. -0.000 min
 Lab File: BM039069.D
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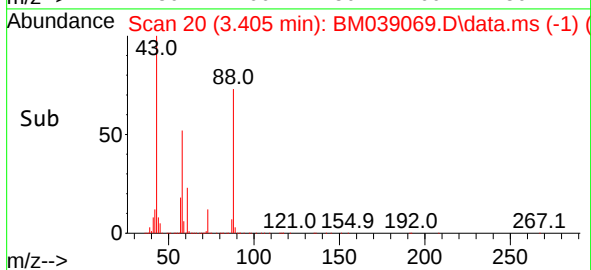
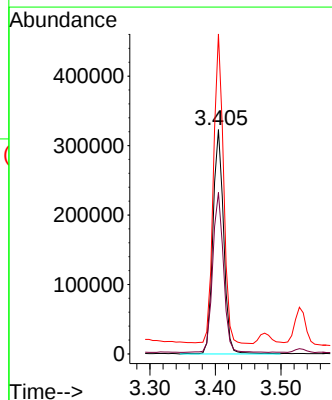
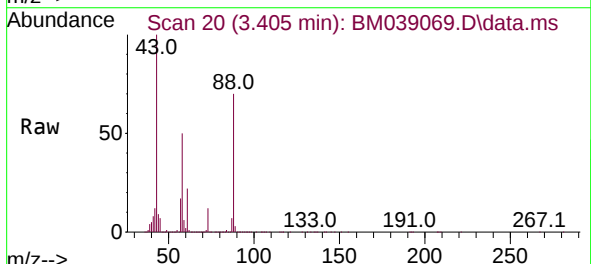
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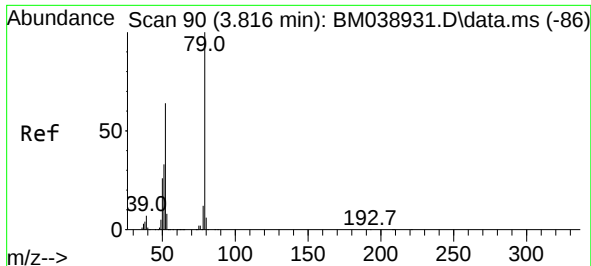
Tgt Ion:152 Resp: 287662
 Ion Ratio Lower Upper
 152 100
 150 156.8 125.1 187.7
 115 60.2 49.6 74.4



#2
 1,4-Dioxane
 Concen: 43.377 ng
 RT: 3.405 min Scan# 20
 Delta R.T. 0.012 min
 Lab File: BM039069.D
 Acq: 21 Mar 2023 15:07

Tgt Ion: 88 Resp: 365374
 Ion Ratio Lower Upper
 88 100
 58 71.8 57.2 85.8
 43 129.8 22.0 33.0#

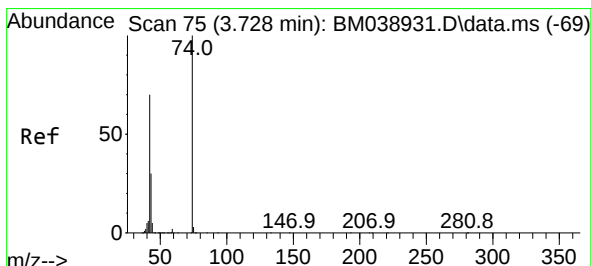
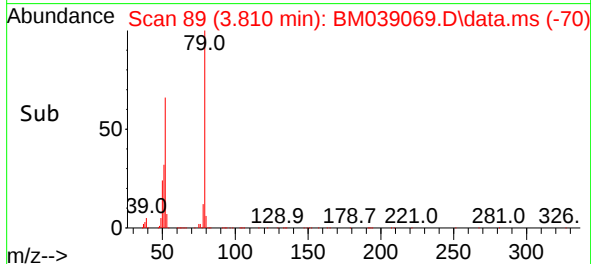
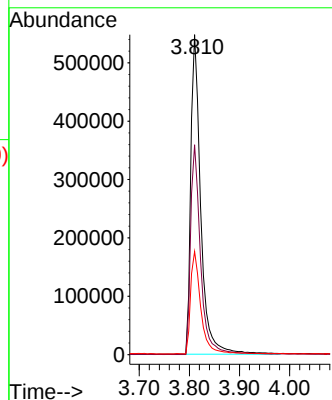
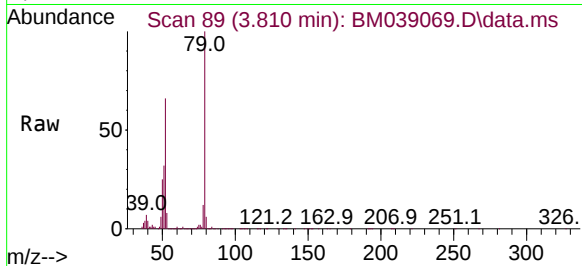




#3
 Pyridine
 Concen: 32.382 ng
 RT: 3.810 min Scan# 89
 Delta R.T. 0.012 min
 Lab File: BM039069.D
 Acq: 21 Mar 2023 15:07

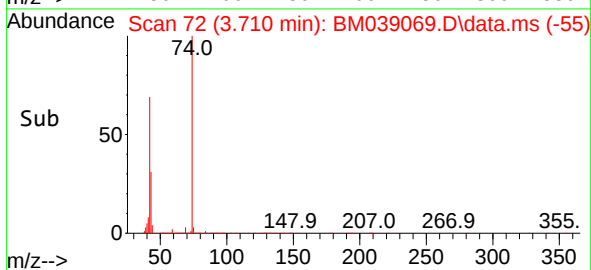
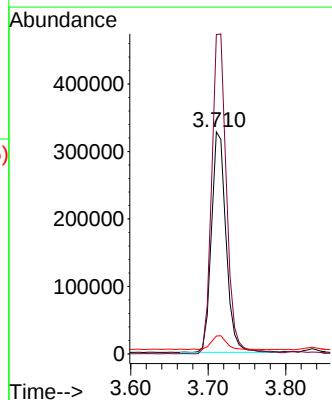
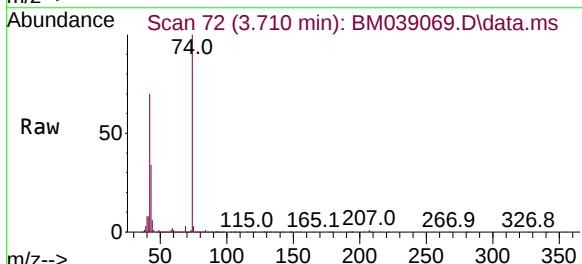
Instrument :
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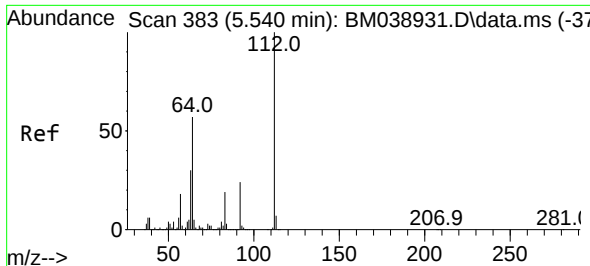
Tgt Ion: 79 Resp: 756473
 Ion Ratio Lower Upper
 79 100
 52 65.6 51.4 77.2
 51 32.2 26.6 40.0



#4
 n-Nitrosodimethylamine
 Concen: 45.056 ng
 RT: 3.710 min Scan# 72
 Delta R.T. 0.000 min
 Lab File: BM039069.D
 Acq: 21 Mar 2023 15:07

Tgt Ion: 42 Resp: 428312
 Ion Ratio Lower Upper
 42 100
 74 143.9 113.8 170.8
 44 8.0 6.2 9.2

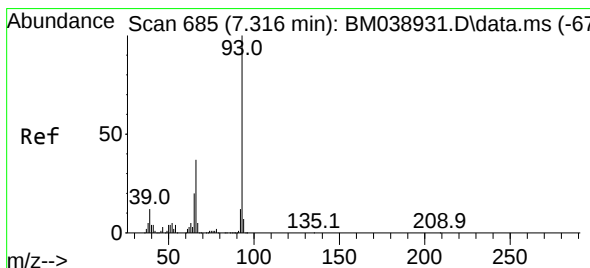
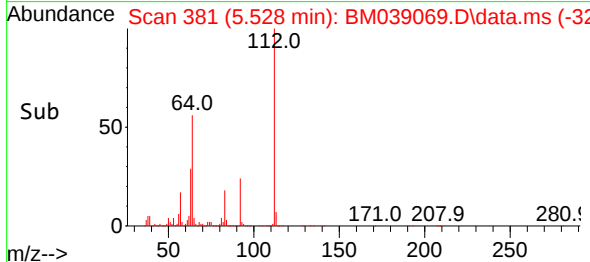
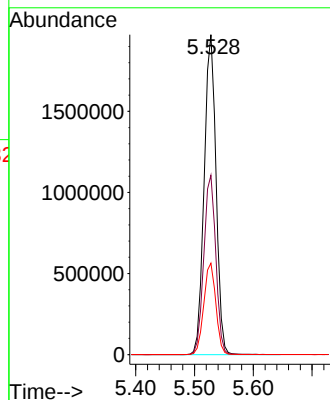
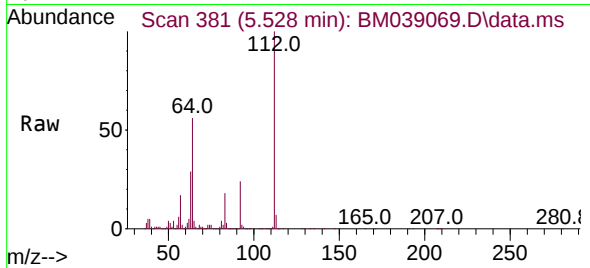




#5
2-Fluorophenol
Concen: 146.075 ng
RT: 5.528 min Scan# 381
Delta R.T. 0.006 min
Lab File: BM039069.D
Acq: 21 Mar 2023 15:07

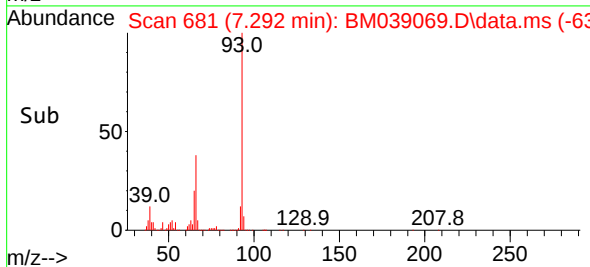
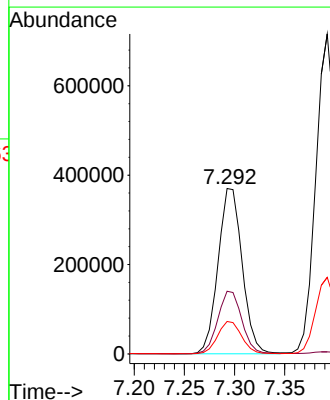
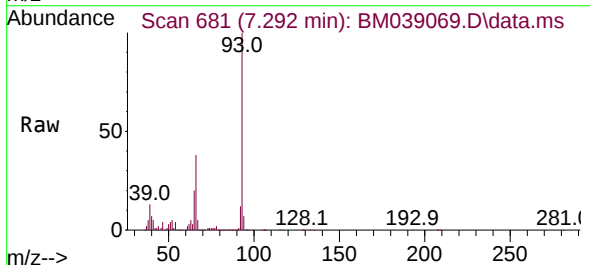
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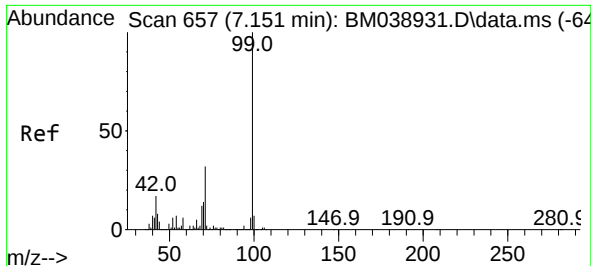
Tgt Ion:112 Resp: 2765788
Ion Ratio Lower Upper
112 100
64 56.0 45.9 68.9
63 28.6 23.8 35.8



#6
Aniline
Concen: 19.213 ng
RT: 7.292 min Scan# 681
Delta R.T. 0.000 min
Lab File: BM039069.D
Acq: 21 Mar 2023 15:07

Tgt Ion: 93 Resp: 620408
Ion Ratio Lower Upper
93 100
66 37.9 30.0 45.0
65 19.6 15.8 23.6

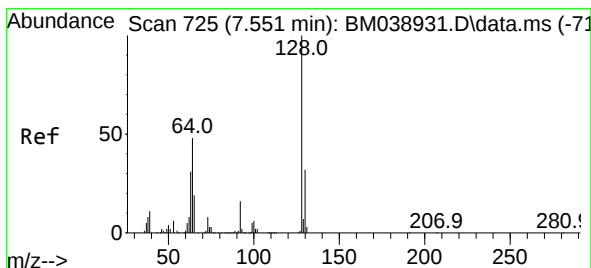
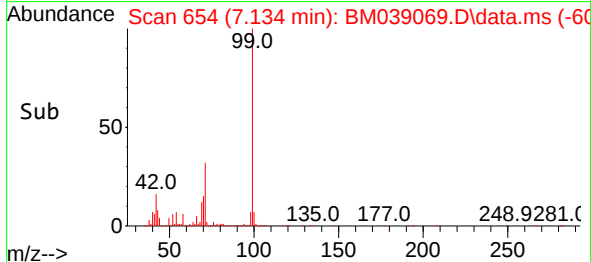
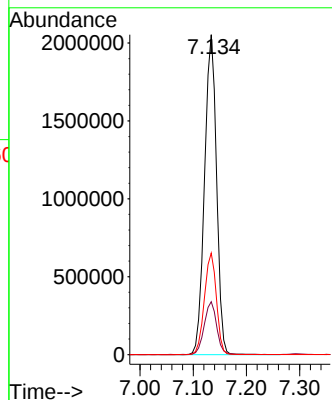
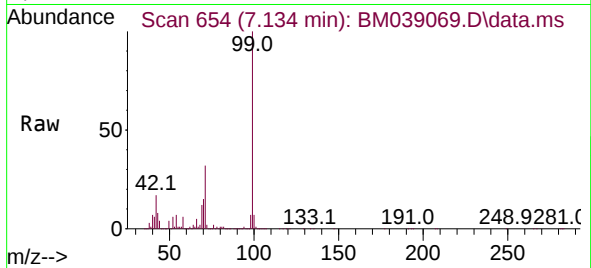




#7
Phenol-d6
Concen: 130.314 ng
RT: 7.134 min Scan# 61
Delta R.T. 0.006 min
Lab File: BM039069.D
Acq: 21 Mar 2023 15:07

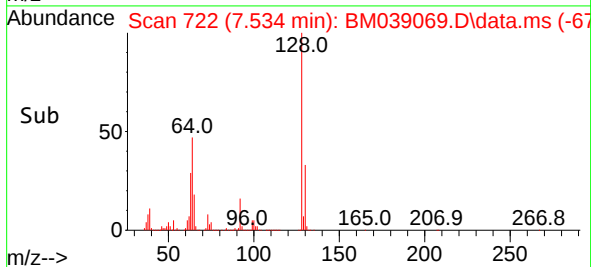
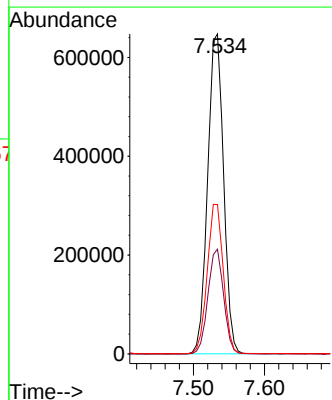
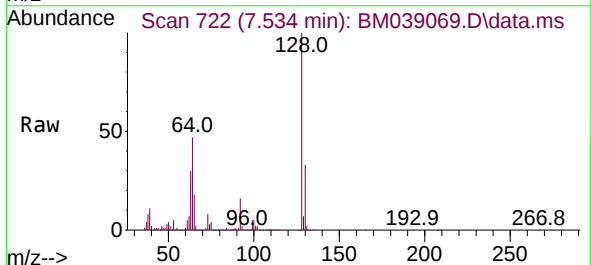
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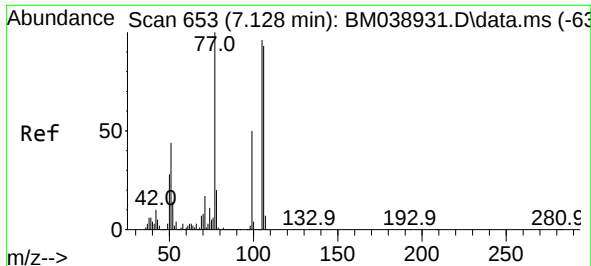
Tgt Ion: 99 Resp: 3204850
Ion Ratio Lower Upper
99 100
42 16.5 13.5 20.3
71 31.7 25.6 38.4



#8
2-Chlorophenol
Concen: 49.866 ng
RT: 7.534 min Scan# 722
Delta R.T. 0.006 min
Lab File: BM039069.D
Acq: 21 Mar 2023 15:07

Tgt Ion: 128 Resp: 1005183
Ion Ratio Lower Upper
128 100
130 32.8 11.9 51.9
64 46.7 28.6 68.6

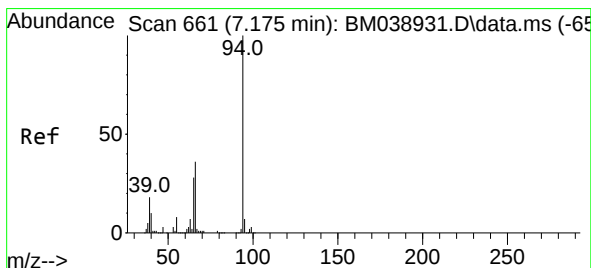
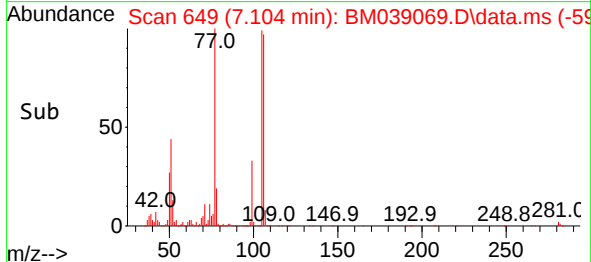
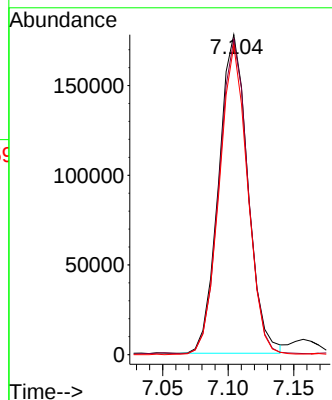
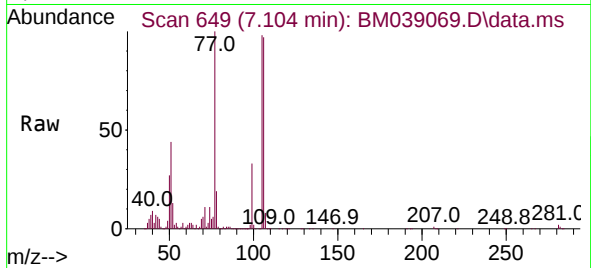




#9
Benzaldehyde
Concen: 23.492 ng
RT: 7.104 min Scan# 64
Delta R.T. 0.000 min
Lab File: BM039069.D
Acq: 21 Mar 2023 15:07

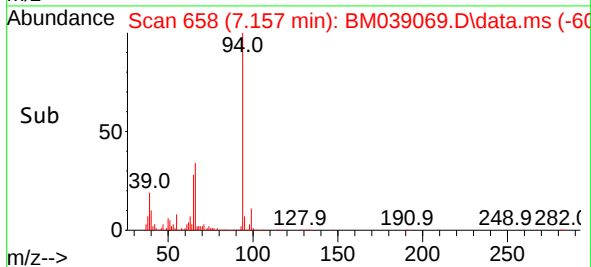
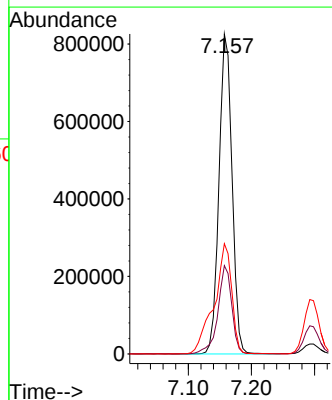
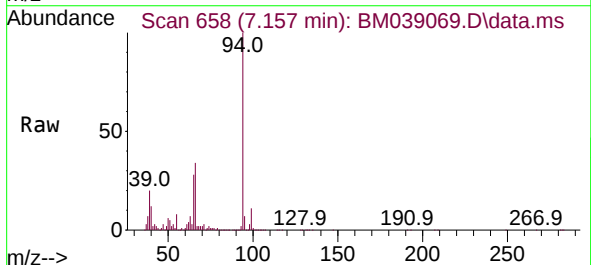
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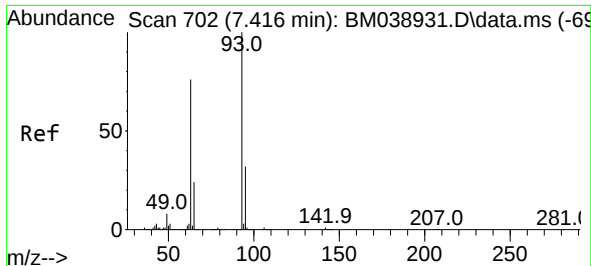
Tgt Ion: 77 Resp: 274933
Ion Ratio Lower Upper
77 100
105 98.5 75.8 115.8
106 96.6 72.6 112.6



#10
Phenol
Concen: 45.350 ng
RT: 7.157 min Scan# 658
Delta R.T. -0.000 min
Lab File: BM039069.D
Acq: 21 Mar 2023 15:07

Tgt Ion: 94 Resp: 1184386
Ion Ratio Lower Upper
94 100
65 27.6 7.9 47.9
66 34.5 15.8 55.8

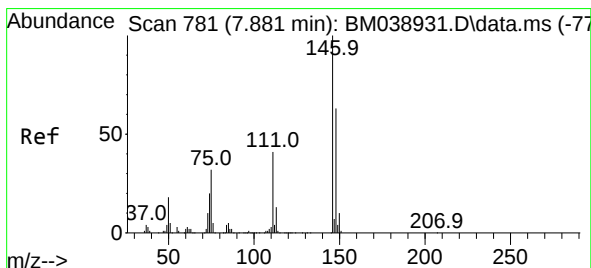
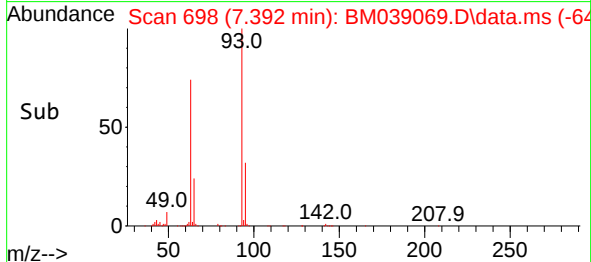
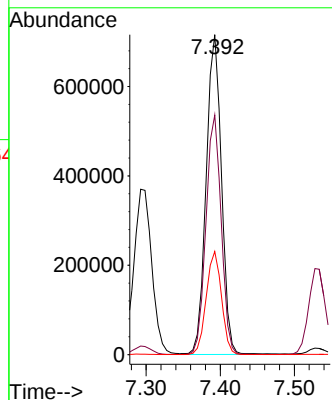
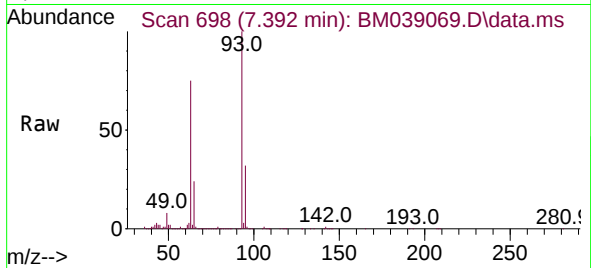




#11
bis(2-Chloroethyl)ether
Concen: 48.396 ng
RT: 7.392 min Scan# 69
Delta R.T. 0.000 min
Lab File: BM039069.D
Acq: 21 Mar 2023 15:07

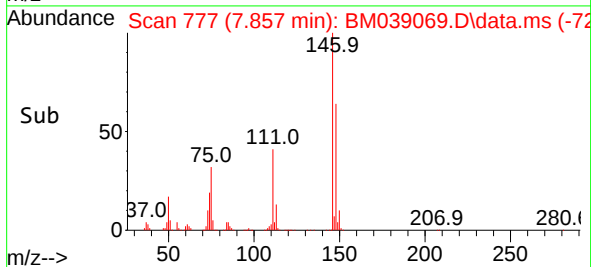
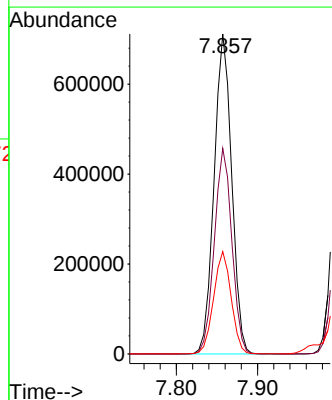
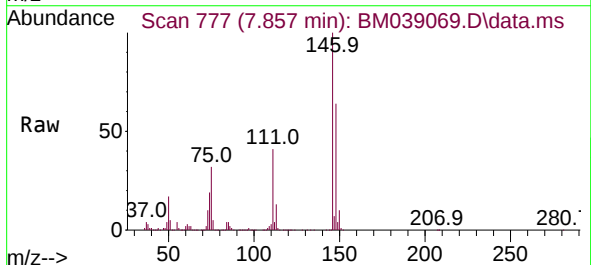
Instrument :
BNA_M
ClientSampleId :
NYE-SOIL-0316MS

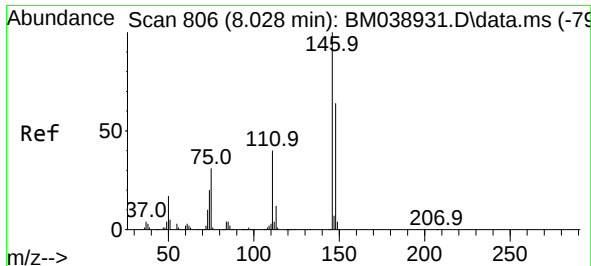
Tgt Ion: 93 Resp: 1027626
Ion Ratio Lower Upper
93 100
63 74.9 55.8 95.8
95 32.2 12.2 52.2



#12
1,3-Dichlorobenzene
Concen: 49.942 ng
RT: 7.857 min Scan# 777
Delta R.T. 0.000 min
Lab File: BM039069.D
Acq: 21 Mar 2023 15:07

Tgt Ion: 146 Resp: 1069861
Ion Ratio Lower Upper
146 100
148 64.2 50.6 75.8
75 32.0 26.0 39.0

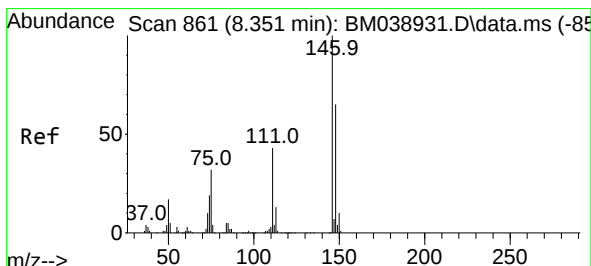
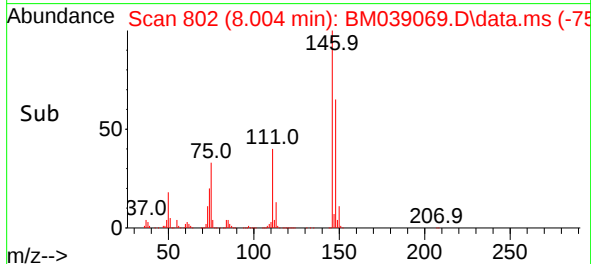
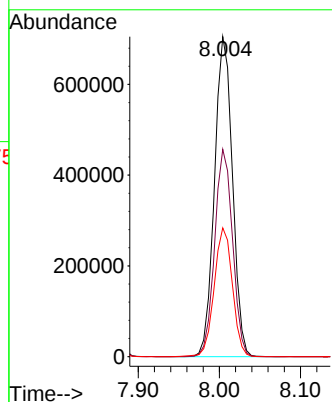
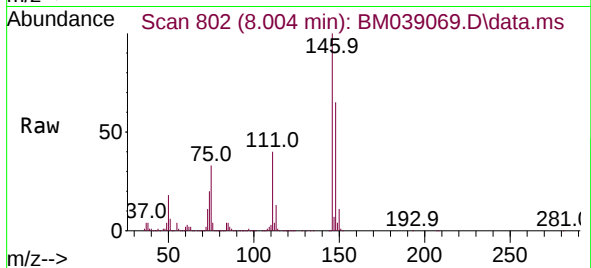




#13
1,4-Dichlorobenzene
Concen: 49.753 ng
RT: 8.004 min Scan# 80
Delta R.T. 0.000 min
Lab File: BM039069.D
Acq: 21 Mar 2023 15:07

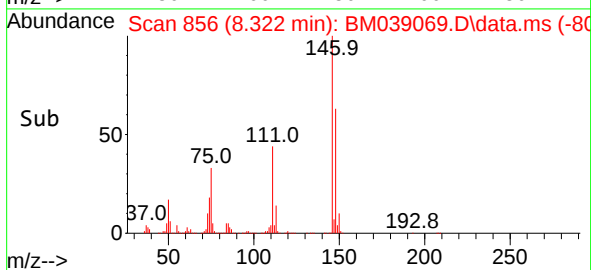
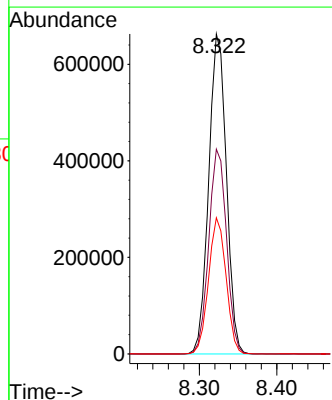
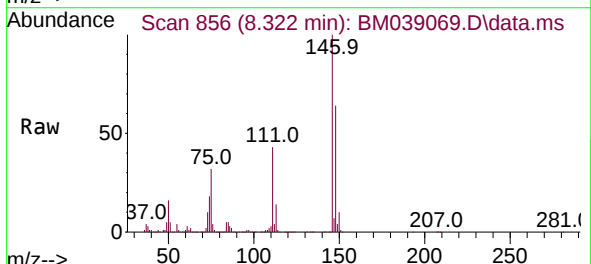
Instrument :
BNA_M
ClientSampleId :
NYE-SOIL-0316MS

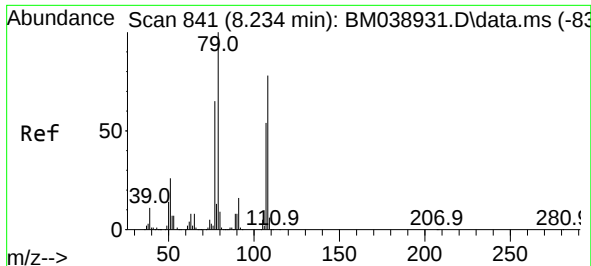
Tgt Ion:146 Resp: 1083960
Ion Ratio Lower Upper
146 100
148 64.8 51.0 76.4
111 40.2 32.2 48.4



#14
1,2-Dichlorobenzene
Concen: 49.973 ng
RT: 8.322 min Scan# 856
Delta R.T. 0.000 min
Lab File: BM039069.D
Acq: 21 Mar 2023 15:07

Tgt Ion:146 Resp: 1048750
Ion Ratio Lower Upper
146 100
148 64.0 51.7 77.5
111 42.5 34.2 51.4

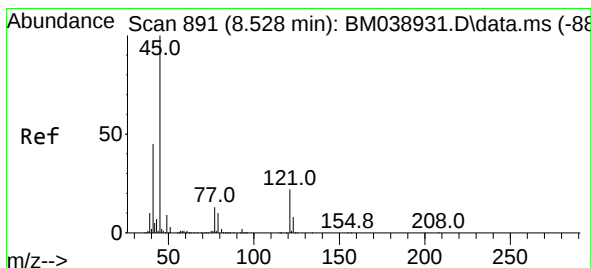
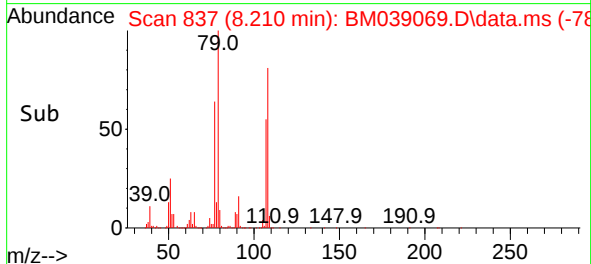
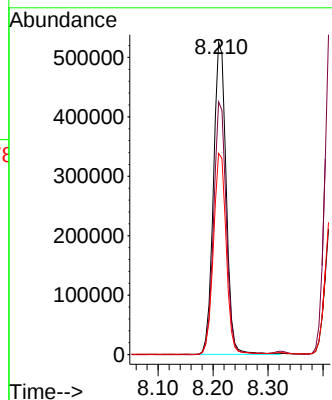
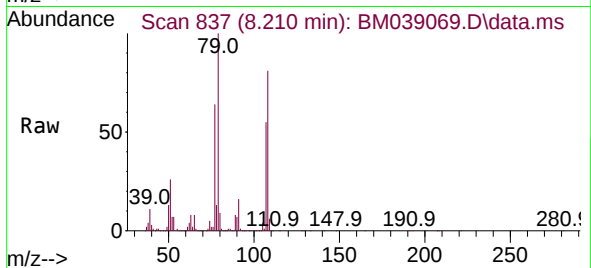




#15
Benzyl Alcohol
Concen: 47.814 ng
RT: 8.210 min Scan# 841
Delta R.T. 0.000 min
Lab File: BM039069.D
Acq: 21 Mar 2023 15:07

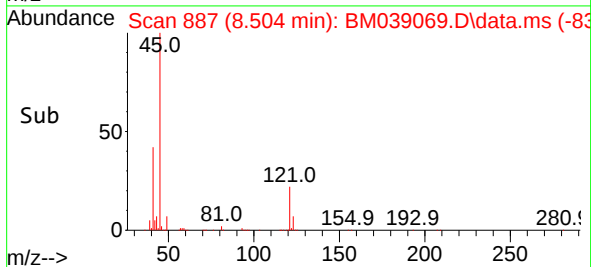
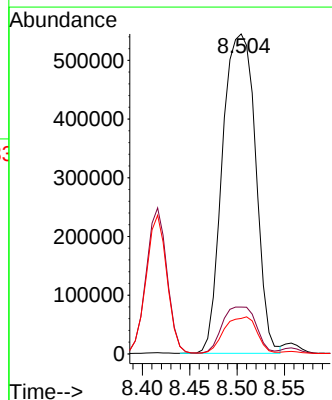
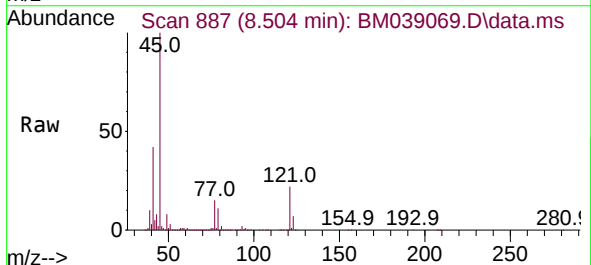
Instrument :
BNA_M
ClientSampleId :
NYE-SOIL-0316MS

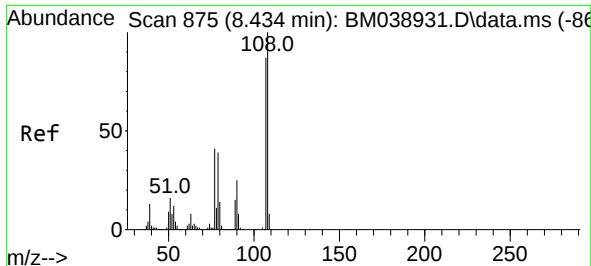
Tgt Ion: 79 Resp: 842844
Ion Ratio Lower Upper
79 100
108 80.9 62.4 93.6
77 64.4 52.2 78.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 49.318 ng
RT: 8.504 min Scan# 887
Delta R.T. 0.006 min
Lab File: BM039069.D
Acq: 21 Mar 2023 15:07

Tgt Ion: 45 Resp: 1322539
Ion Ratio Lower Upper
45 100
77 14.6 0.0 34.8
79 11.1 0.0 31.5

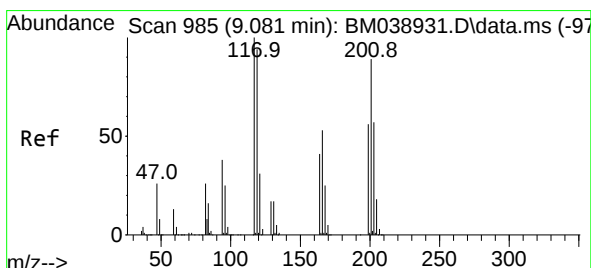
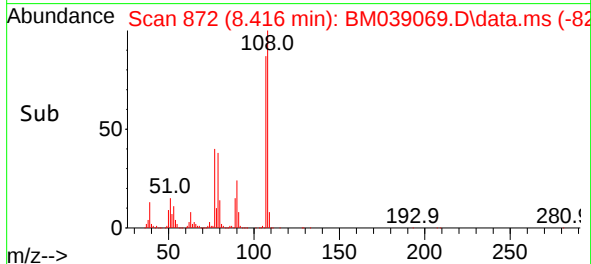
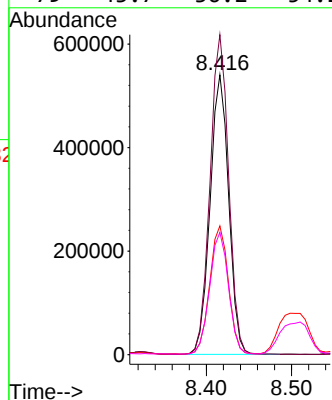
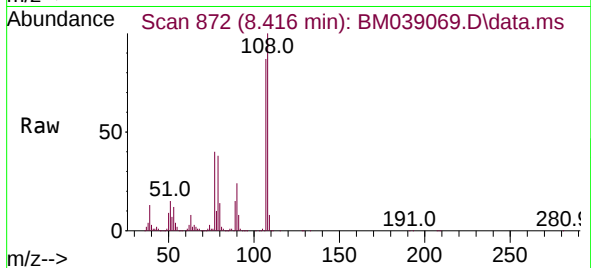




#17
2-Methylphenol
Concen: 45.664 ng
RT: 8.416 min Scan# 81
Delta R.T. 0.006 min
Lab File: BM039069.D
Acq: 21 Mar 2023 15:07

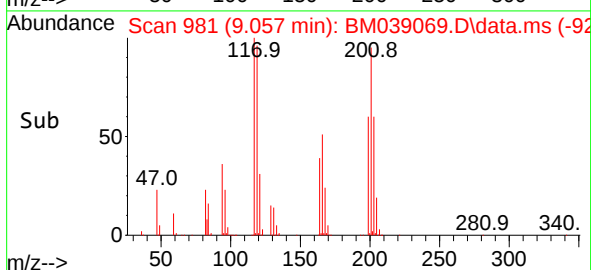
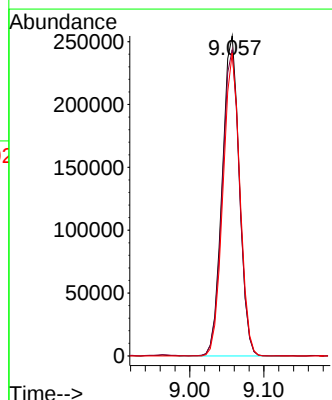
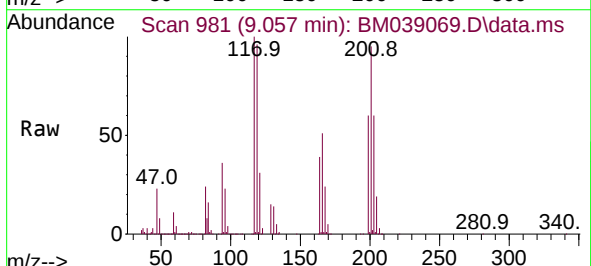
Instrument :
BNA_M
ClientSampleId :
NYE-SOIL-0316MS

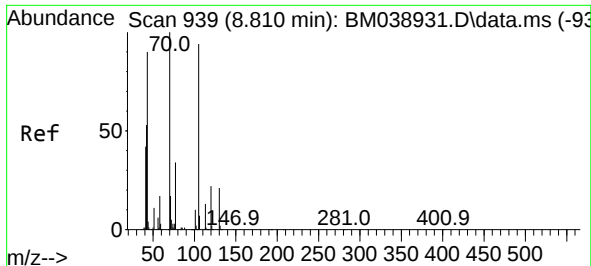
Tgt Ion:	107	Resp:	819242
Ion	Ratio	Lower	Upper
107	100		
108	114.4	91.7	137.5
77	46.0	37.4	56.2
79	43.7	36.2	54.2



#18
Hexachloroethane
Concen: 50.674 ng
RT: 9.057 min Scan# 981
Delta R.T. 0.006 min
Lab File: BM039069.D
Acq: 21 Mar 2023 15:07

Tgt Ion:	117	Resp:	407335
Ion	Ratio	Lower	Upper
117	100		
119	95.6	75.4	113.0
201	94.6	71.3	106.9

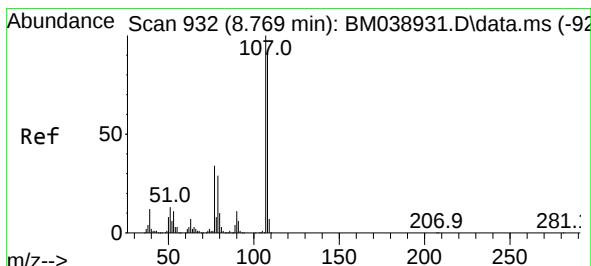
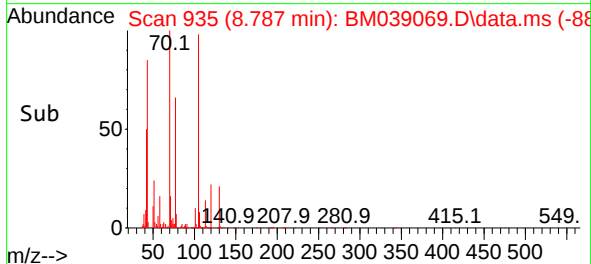
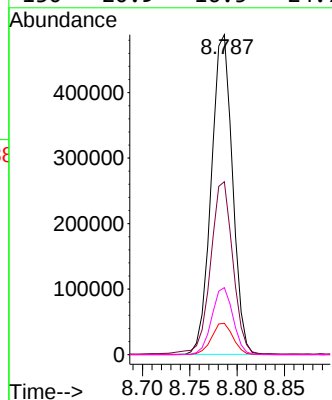
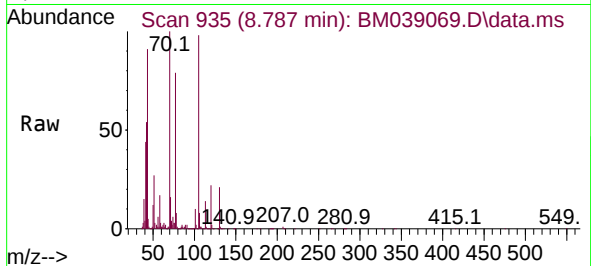




#19
n-Nitroso-di-n-propylamine
Concen: 49.171 ng
RT: 8.787 min Scan# 931
Delta R.T. 0.000 min
Lab File: BM039069.D
Acq: 21 Mar 2023 15:07

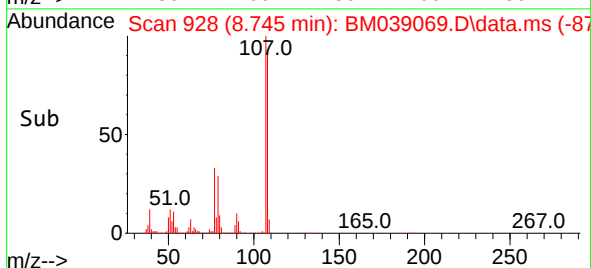
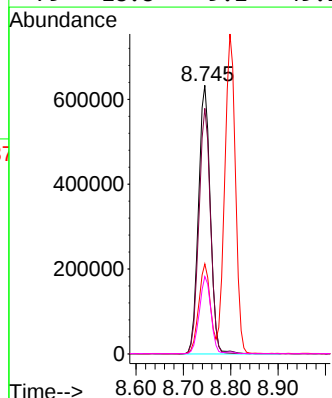
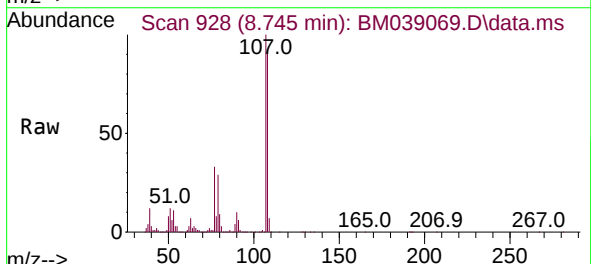
Instrument :
BNA_M
ClientSampleId :
NYE-SOIL-0316MS

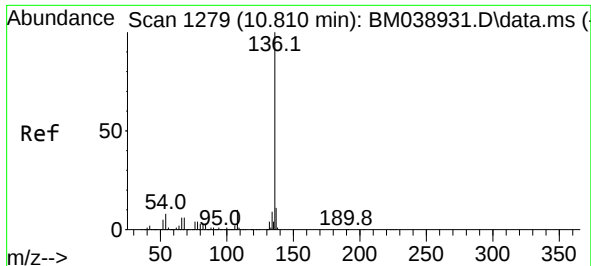
Tgt Ion: 70 Resp: 761682
Ion Ratio Lower Upper
70 100
42 54.0 43.4 65.2
101 9.8 7.6 11.4
130 20.9 16.5 24.7



#20
3+4-Methylphenols
Concen: 45.839 ng
RT: 8.745 min Scan# 928
Delta R.T. -0.000 min
Lab File: BM039069.D
Acq: 21 Mar 2023 15:07

Tgt Ion: 107 Resp: 1098078
Ion Ratio Lower Upper
107 100
108 91.4 71.8 111.8
77 33.5 13.6 53.6
79 28.8 9.2 49.2

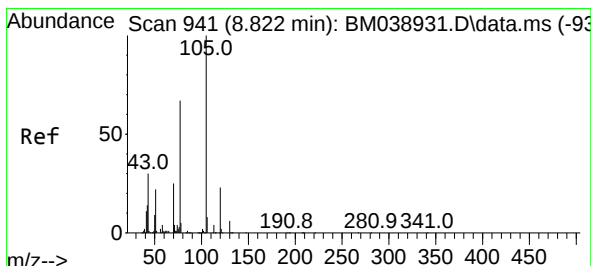
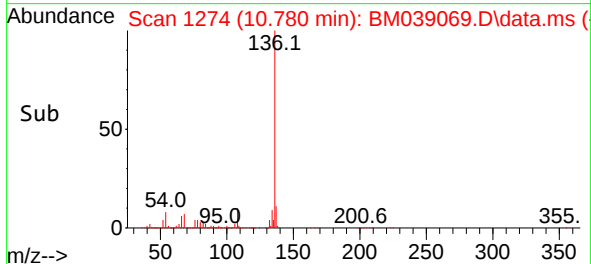
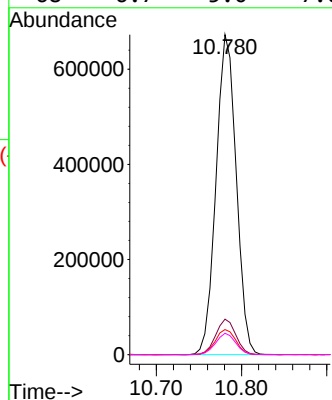
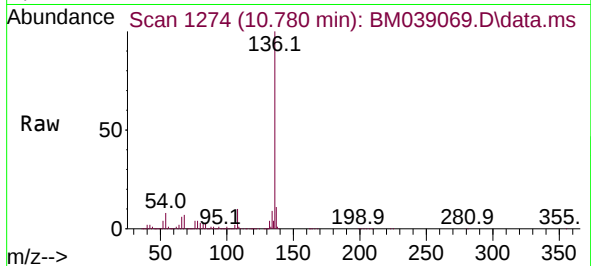




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.780 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM039069.D
Acq: 21 Mar 2023 15:07

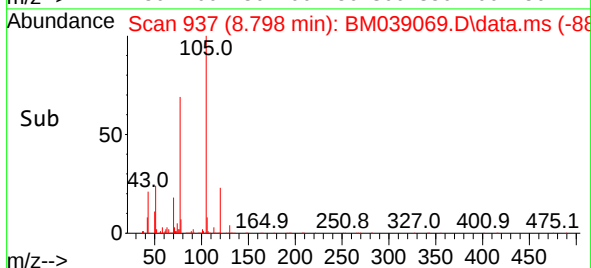
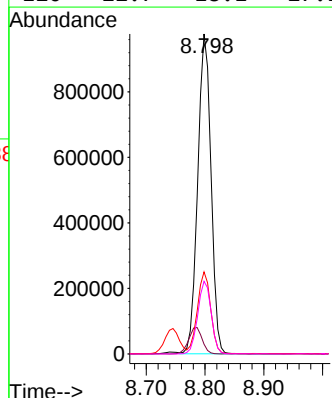
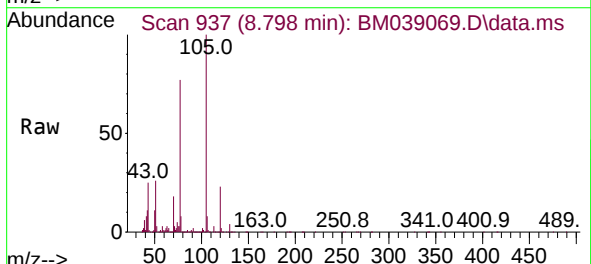
Instrument :
BNA_M
ClientSampleId :
NYE-SOIL-0316MS

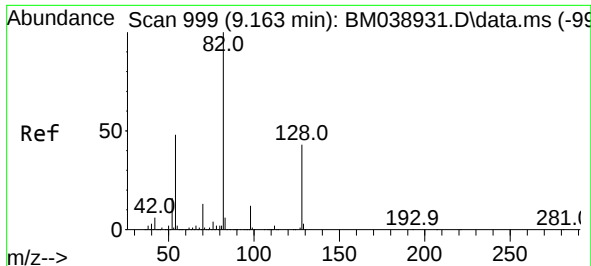
Tgt Ion:136 Resp: 1105206
Ion Ratio Lower Upper
136 100
137 11.1 8.7 13.1
54 7.8 6.3 9.5
68 6.7 5.0 7.6



#22
Acetophenone
Concen: 49.321 ng
RT: 8.798 min Scan# 937
Delta R.T. 0.000 min
Lab File: BM039069.D
Acq: 21 Mar 2023 15:07

Tgt Ion:105 Resp: 1529352
Ion Ratio Lower Upper
105 100
71 3.0 3.4 5.0#
51 25.6 21.0 31.4
120 22.7 18.1 27.1

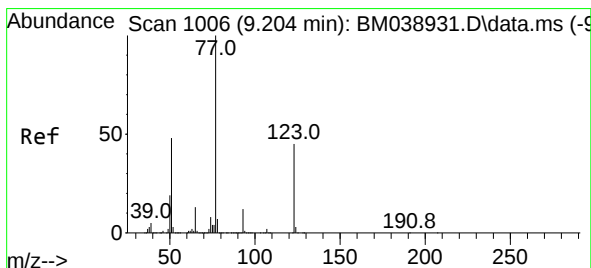
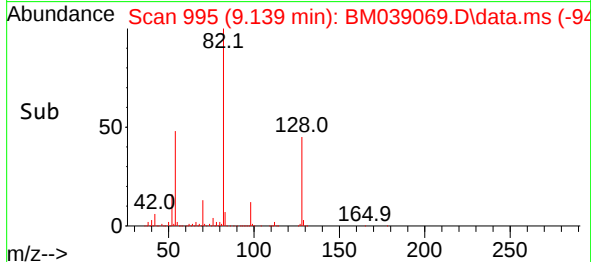
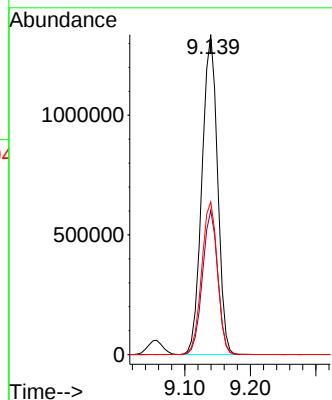
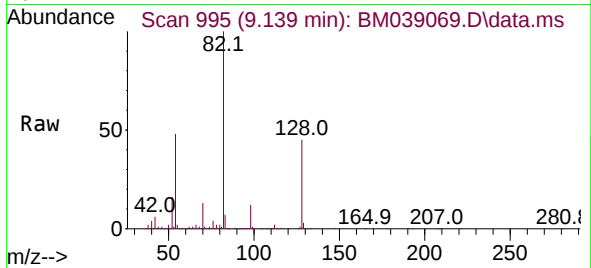




#23
Nitrobenzene-d5
Concen: 97.576 ng
RT: 9.139 min Scan# 999
Delta R.T. 0.000 min
Lab File: BM039069.D
Acq: 21 Mar 2023 15:07

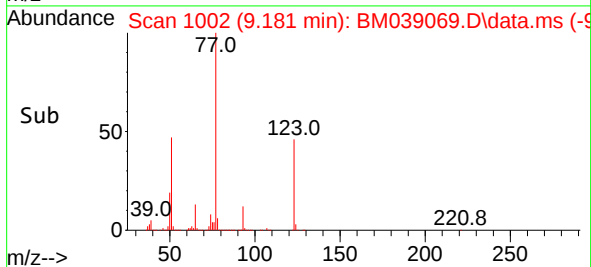
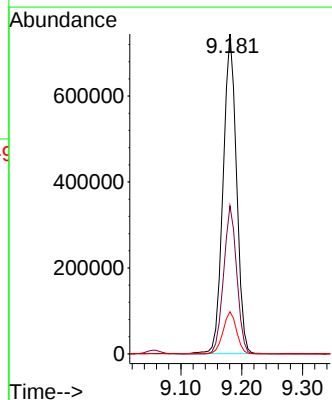
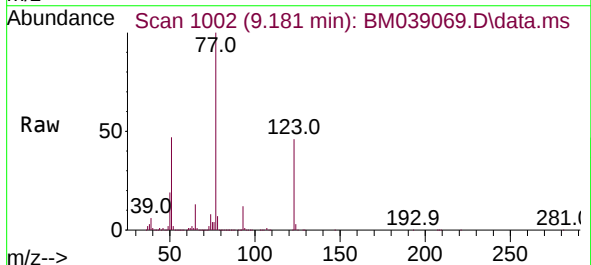
Instrument :
BNA_M
ClientSampleId :
NYE-SOIL-0316MS

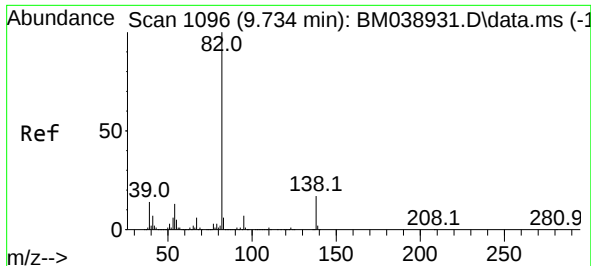
Tgt Ion: 82 Resp: 2195436
Ion Ratio Lower Upper
82 100
128 45.0 34.4 51.6
54 47.7 38.8 58.2



#24
Nitrobenzene
Concen: 48.099 ng
RT: 9.181 min Scan# 1002
Delta R.T. 0.000 min
Lab File: BM039069.D
Acq: 21 Mar 2023 15:07

Tgt Ion: 77 Resp: 1137472
Ion Ratio Lower Upper
77 100
123 46.3 35.8 53.6
65 13.2 10.2 15.4

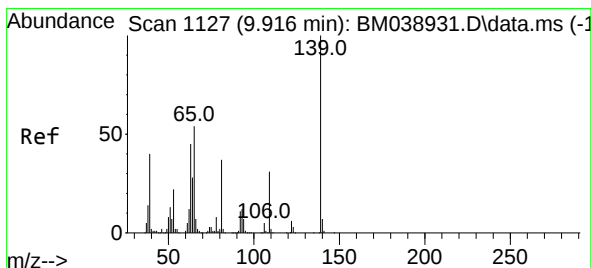
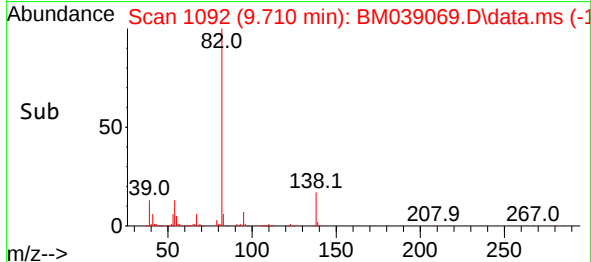
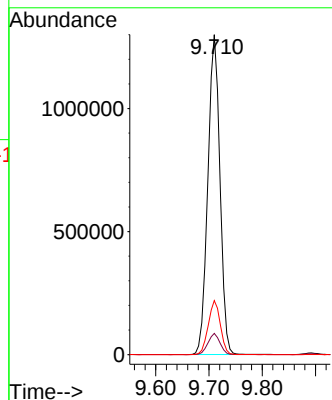
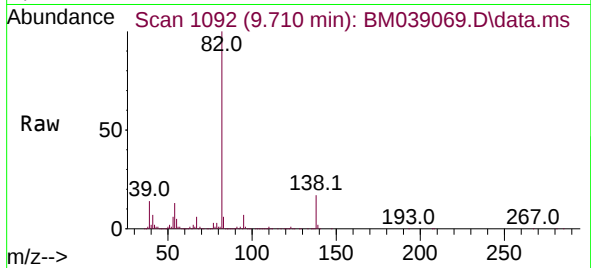




#25
Isophorone
Concen: 49.550 ng
RT: 9.710 min Scan# 1096
Delta R.T. 0.000 min
Lab File: BM039069.D
Acq: 21 Mar 2023 15:07

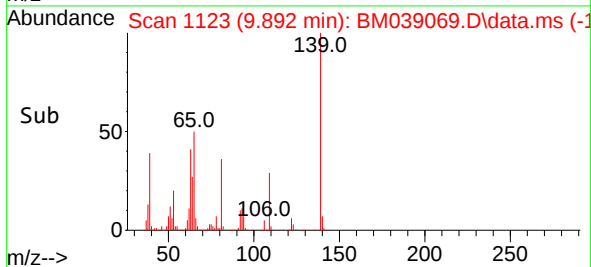
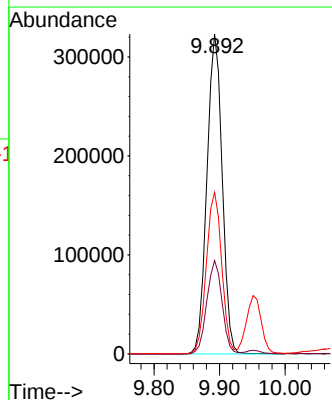
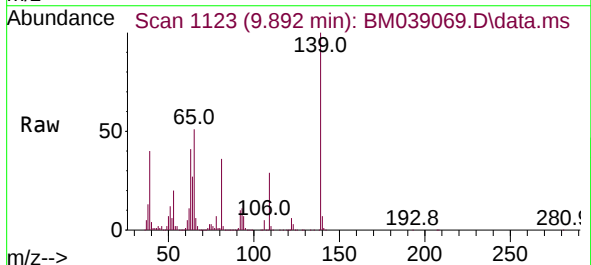
Instrument :
BNA_M
ClientSampleId :
NYE-SOIL-0316MS

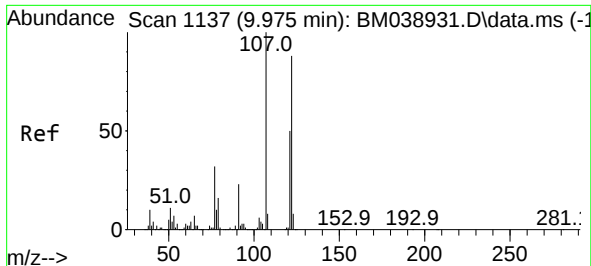
Tgt Ion: 82 Resp: 2051586
Ion Ratio Lower Upper
82 100
95 6.6 5.2 7.8
138 16.9 13.6 20.4



#26
2-Nitrophenol
Concen: 49.749 ng
RT: 9.892 min Scan# 1123
Delta R.T. -0.000 min
Lab File: BM039069.D
Acq: 21 Mar 2023 15:07

Tgt Ion: 139 Resp: 520695
Ion Ratio Lower Upper
139 100
109 29.2 24.5 36.7
65 50.5 43.0 64.6





#27

2,4-Dimethylphenol

Concen: 50.348 ng

RT: 9.951 min Scan# 1133

Delta R.T. 0.000 min

Lab File: BM039069.D

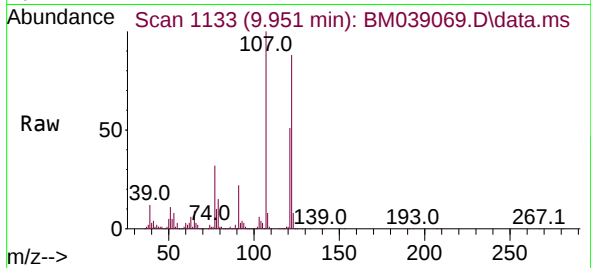
Acq: 21 Mar 2023 15:07

Instrument :

BNA_M

ClientSampleId :

NYE-SOIL-0316MS



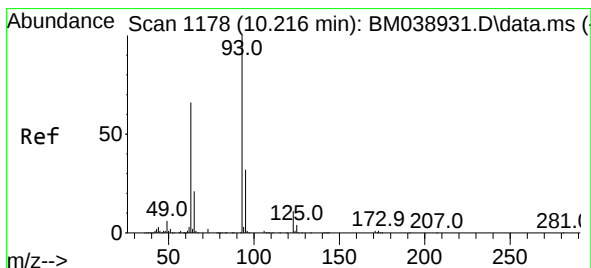
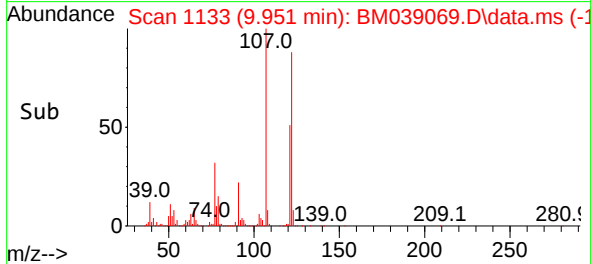
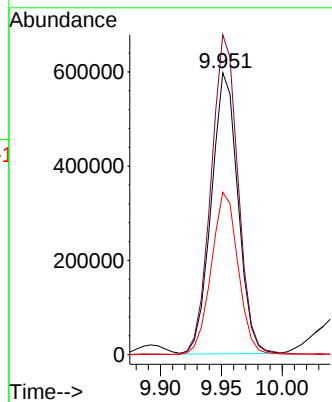
Tgt Ion:122 Resp: 908326

Ion Ratio Lower Upper

122 100

107 113.5 91.0 136.4

121 57.6 45.1 67.7



#28

bis(2-Chloroethoxy)methane

Concen: 47.955 ng

RT: 10.192 min Scan# 1174

Delta R.T. 0.000 min

Lab File: BM039069.D

Acq: 21 Mar 2023 15:07

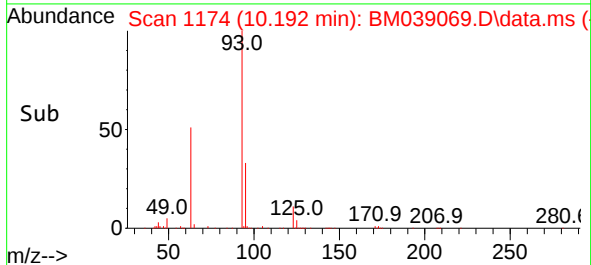
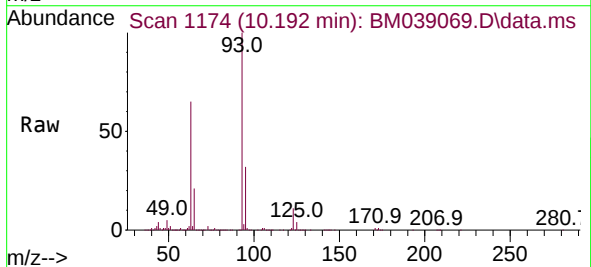
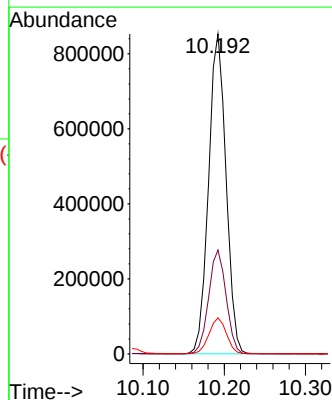
Tgt Ion: 93 Resp: 1275771

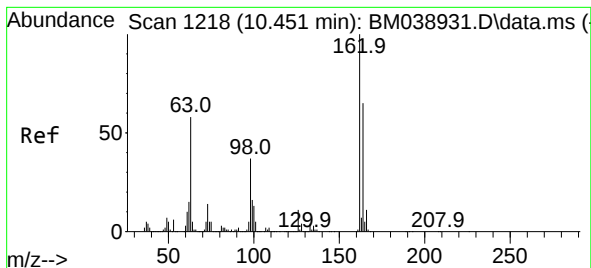
Ion Ratio Lower Upper

93 100

95 32.4 25.9 38.9

123 11.3 8.8 13.2





#29

2,4-Dichlorophenol

Concen: 51.019 ng

RT: 10.428 min Scan# 1214

Delta R.T. 0.000 min

Lab File: BM039069.D

Acq: 21 Mar 2023 15:07

Instrument :

BNA_M

ClientSampleId :

NYE-SOIL-0316MS

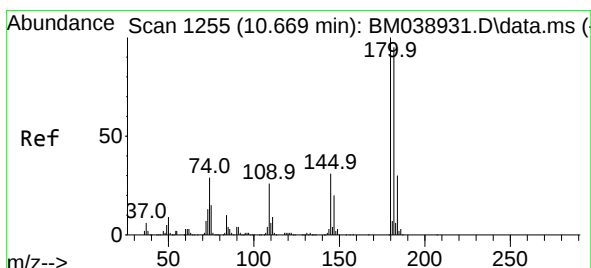
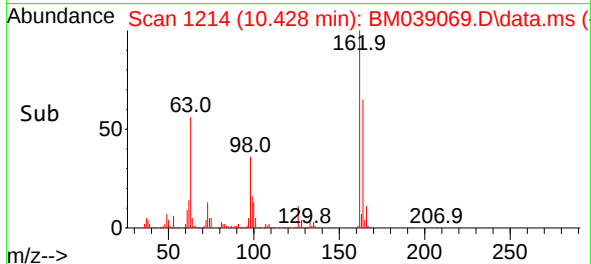
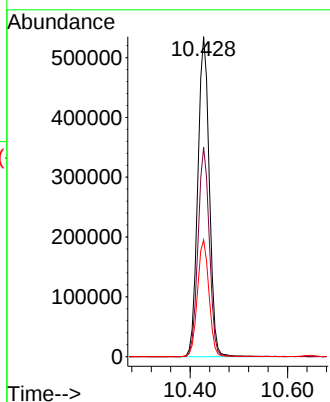
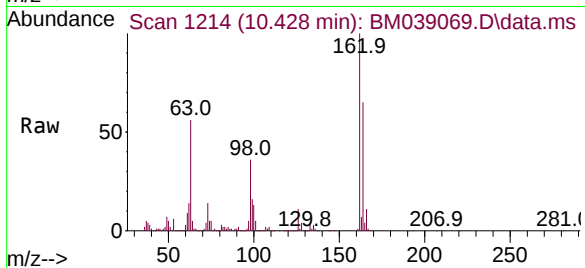
Tgt Ion:162 Resp: 872633

Ion Ratio Lower Upper

162 100

164 65.4 44.6 84.6

98 36.5 17.5 57.5



#30

1,2,4-Trichlorobenzene

Concen: 49.013 ng

RT: 10.645 min Scan# 1251

Delta R.T. 0.000 min

Lab File: BM039069.D

Acq: 21 Mar 2023 15:07

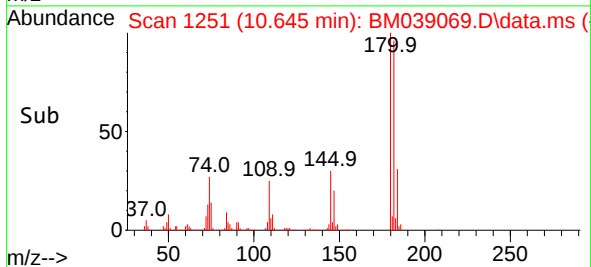
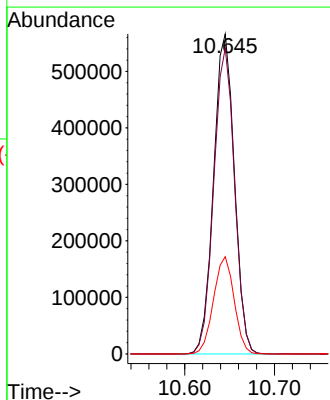
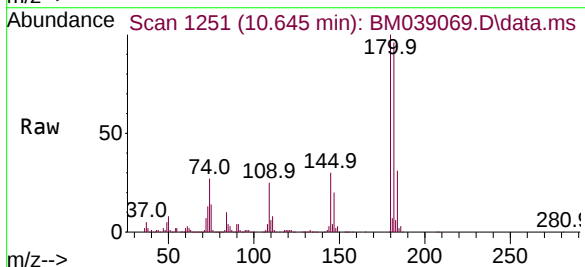
Tgt Ion:180 Resp: 916092

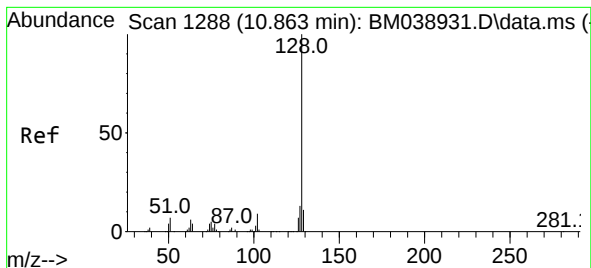
Ion Ratio Lower Upper

180 100

182 95.5 76.3 114.5

145 30.4 25.0 37.4





#31

Naphthalene

Concen: 47.371 ng

RT: 10.833 min Scan# 11

Delta R.T. 0.000 min

Lab File: BM039069.D

Acq: 21 Mar 2023 15:07

Instrument :

BNA_M

ClientSampleId :

NYE-SOIL-0316MS

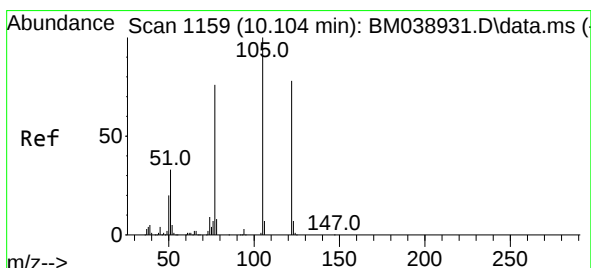
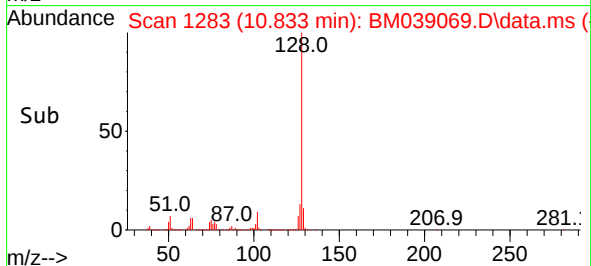
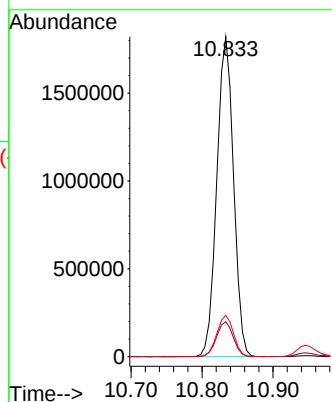
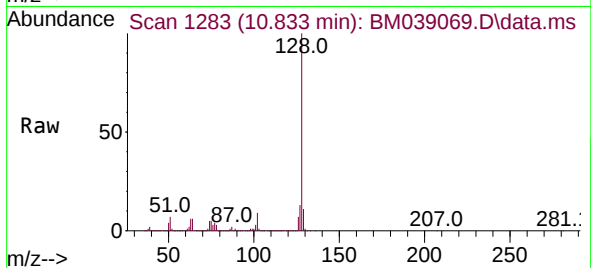
Tgt Ion:128 Resp: 2985376

Ion Ratio Lower Upper

128 100

129 10.9 8.6 13.0

127 12.9 10.2 15.4



#32

Benzoic acid

Concen: 45.222 ng

RT: 10.086 min Scan# 1156

Delta R.T. 0.000 min

Lab File: BM039069.D

Acq: 21 Mar 2023 15:07

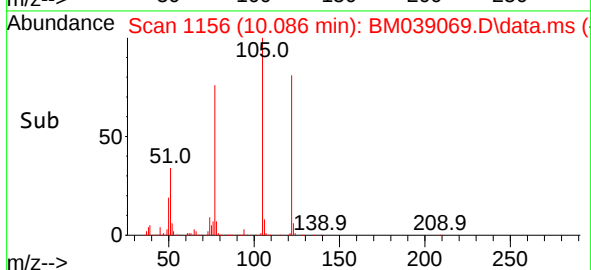
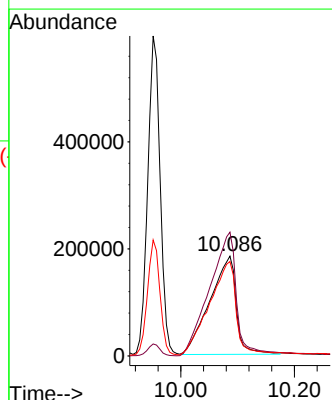
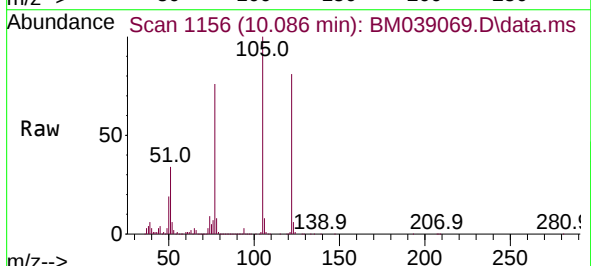
Tgt Ion:122 Resp: 593607

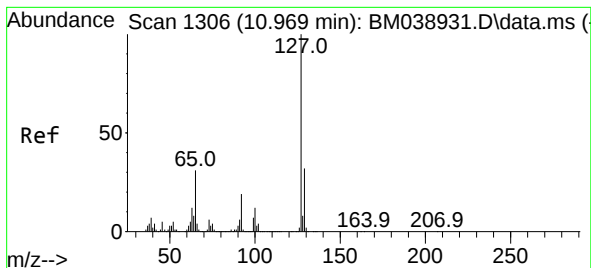
Ion Ratio Lower Upper

122 100

105 124.1 104.2 144.2

77 94.5 75.1 115.1





#33

4-Chloroaniline

Concen: 5.172 ng

RT: 10.945 min Scan# 1302

Delta R.T. 0.006 min

Lab File: BM039069.D

Acq: 21 Mar 2023 15:07

Instrument :

BNA_M

ClientSampleId :

NYE-SOIL-0316MS

Tgt Ion:127 Resp: 138916

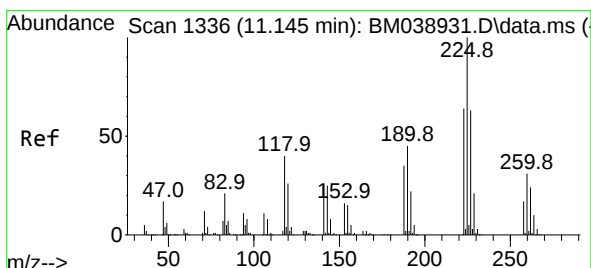
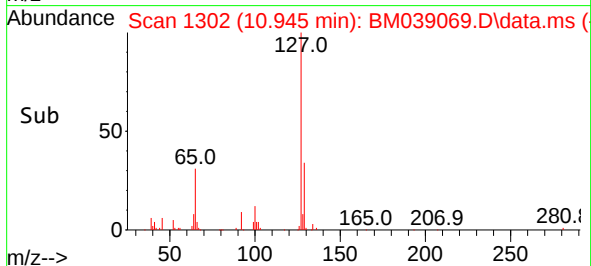
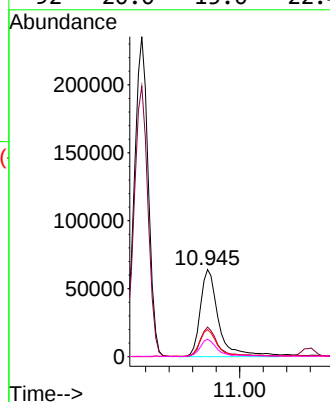
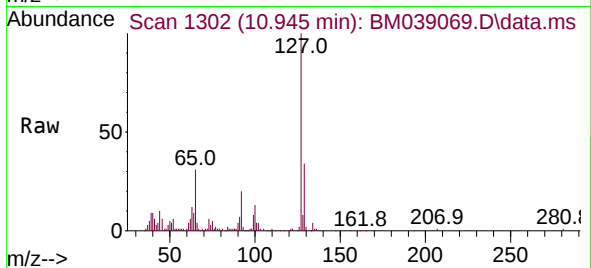
Ion Ratio Lower Upper

127 100

129 34.0 25.4 38.2

65 31.1 24.4 36.6

92 20.0 15.0 22.4



#34

Hexachlorobutadiene

Concen: 47.637 ng

RT: 11.116 min Scan# 1331

Delta R.T. -0.000 min

Lab File: BM039069.D

Acq: 21 Mar 2023 15:07

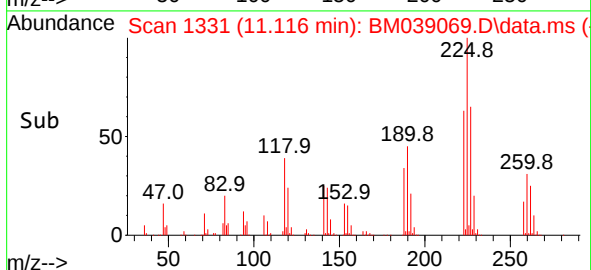
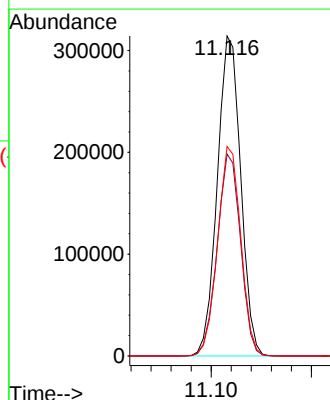
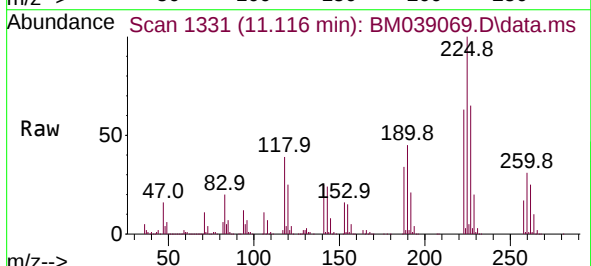
Tgt Ion:225 Resp: 510595

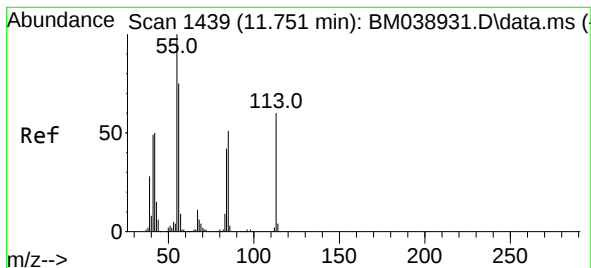
Ion Ratio Lower Upper

225 100

223 63.1 51.3 76.9

227 65.4 50.6 76.0

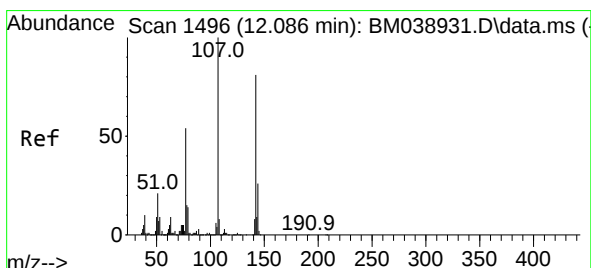
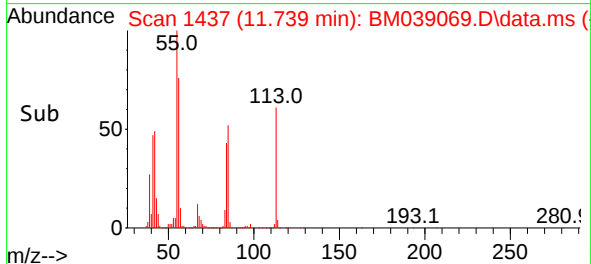
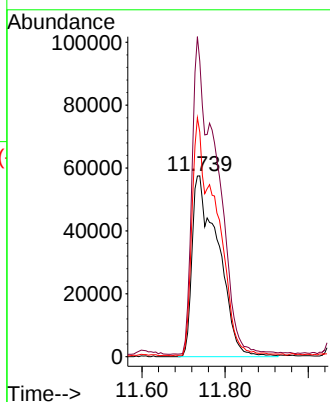
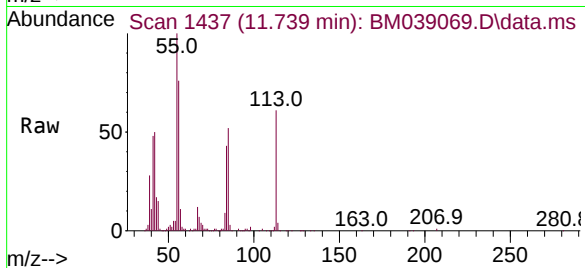




#35
Caprolactam
Concen: 47.839 ng
RT: 11.739 min Scan# 1437
Delta R.T. 0.006 min
Lab File: BM039069.D
Acq: 21 Mar 2023 15:07

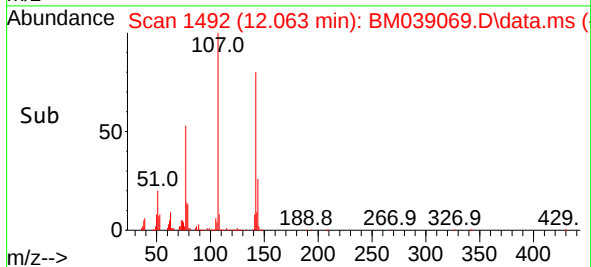
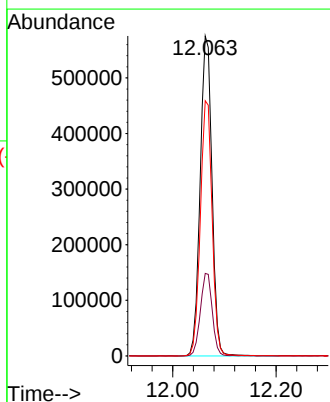
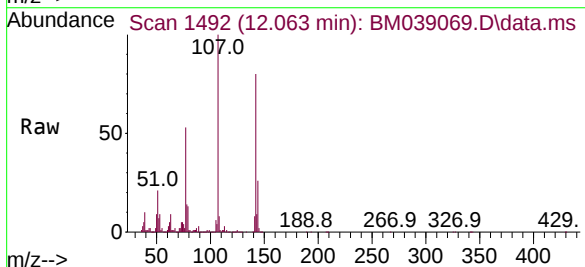
Instrument :
BNA_M
ClientSampleId :
NYE-SOIL-0316MS

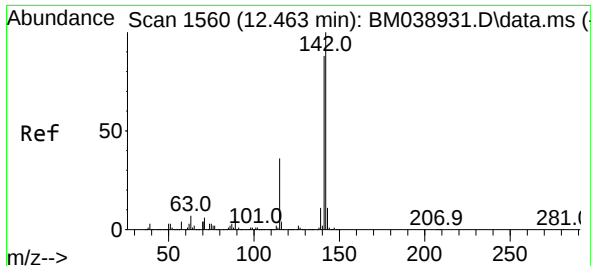
Tgt Ion:113 Resp: 249039
Ion Ratio Lower Upper
113 100
55 163.4 147.0 187.0
56 124.2 105.1 145.1



#36
4-Chloro-3-methylphenol
Concen: 50.032 ng
RT: 12.063 min Scan# 1492
Delta R.T. 0.000 min
Lab File: BM039069.D
Acq: 21 Mar 2023 15:07

Tgt Ion:107 Resp: 911249
Ion Ratio Lower Upper
107 100
144 25.8 20.7 31.1
142 79.7 64.6 97.0

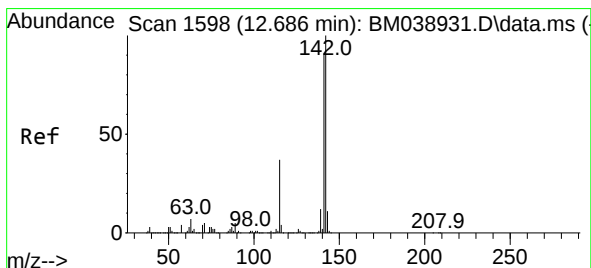
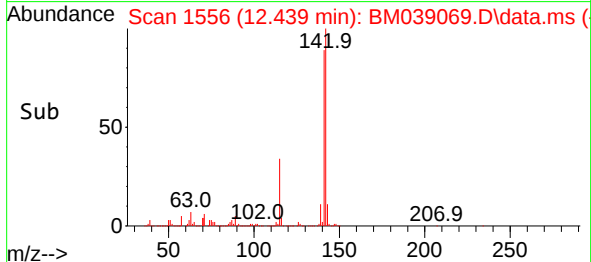
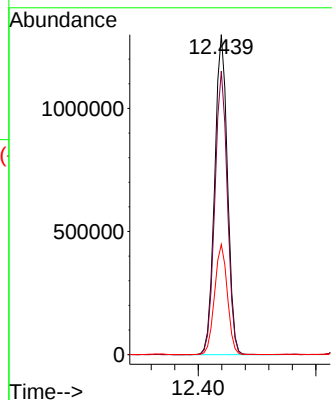
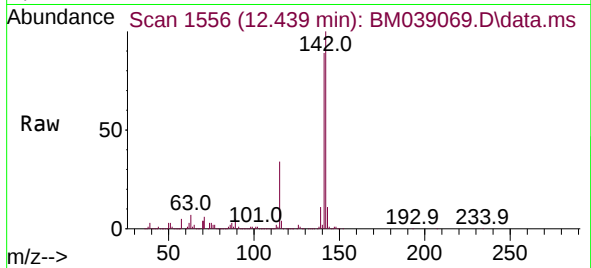




#37
2-Methylnaphthalene
Concen: 46.447 ng
RT: 12.439 min Scan# 1556
Delta R.T. 0.000 min
Lab File: BM039069.D
Acq: 21 Mar 2023 15:07

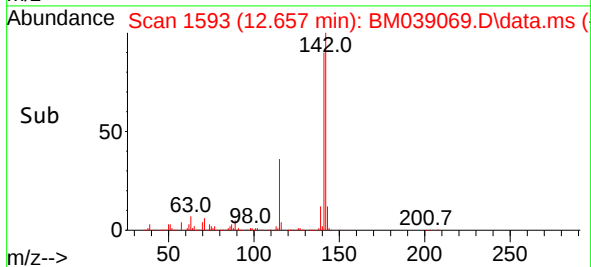
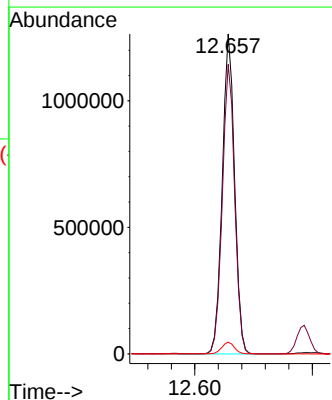
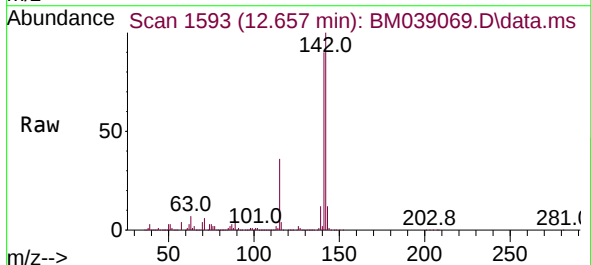
Instrument :
BNA_M
ClientSampleId :
NYE-SOIL-0316MS

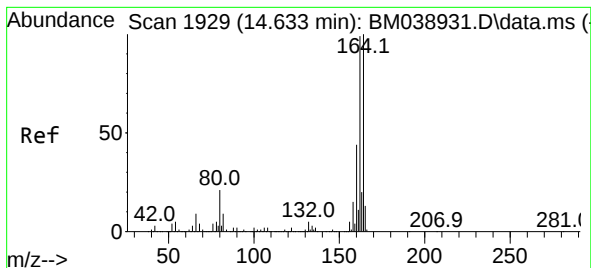
Tgt Ion:142 Resp: 1961894
Ion Ratio Lower Upper
142 100
141 88.6 70.6 106.0
115 34.4 28.5 42.7



#38
1-Methylnaphthalene
Concen: 46.393 ng
RT: 12.657 min Scan# 1593
Delta R.T. 0.000 min
Lab File: BM039069.D
Acq: 21 Mar 2023 15:07

Tgt Ion:142 Resp: 1836435
Ion Ratio Lower Upper
142 100
141 90.5 72.8 109.2
116 3.7 3.0 4.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.610 min Scan# 1925

Delta R.T. 0.000 min

Lab File: BM039069.D

Acq: 21 Mar 2023 15:07

Instrument :

BNA_M

ClientSampleId :

NYE-SOIL-0316MS

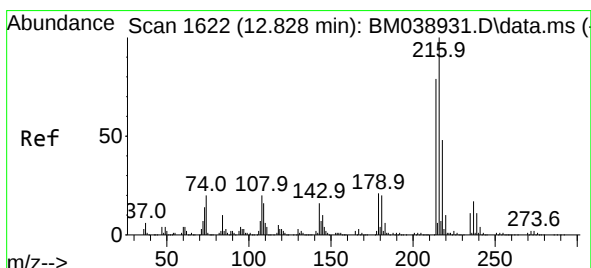
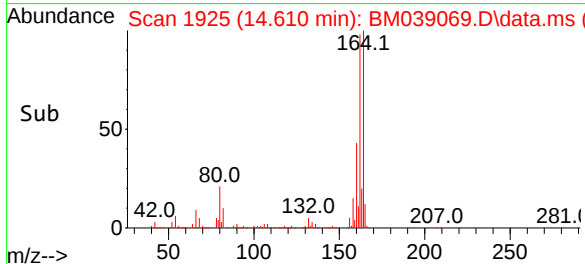
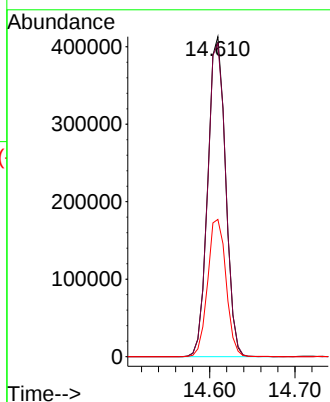
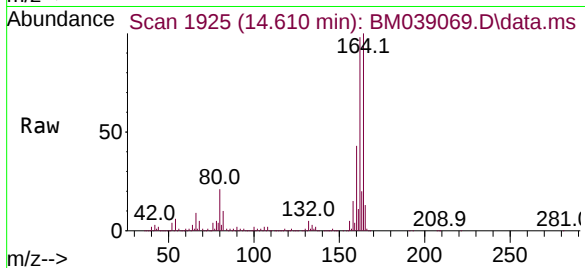
Tgt Ion:164 Resp: 597564

Ion Ratio Lower Upper

164 100

162 97.8 79.2 118.8

160 42.9 35.5 53.3



#40

1,2,4,5-Tetrachlorobenzene

Concen: 49.298 ng

RT: 12.804 min Scan# 1618

Delta R.T. 0.000 min

Lab File: BM039069.D

Acq: 21 Mar 2023 15:07

Tgt Ion:216 Resp: 957695

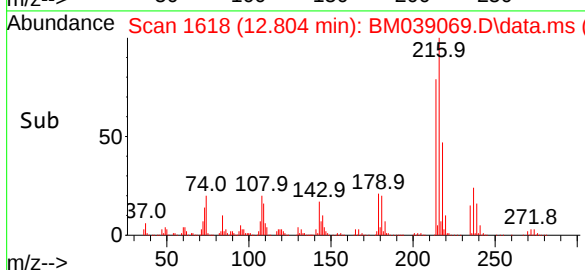
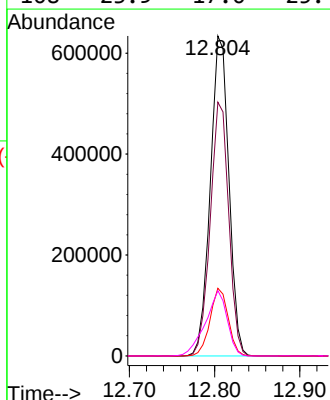
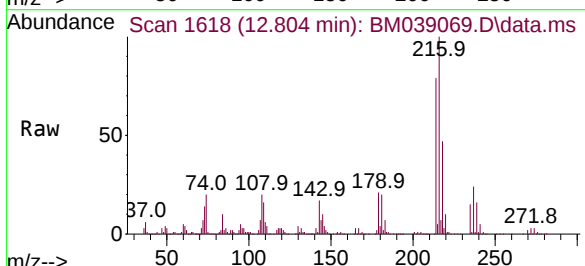
Ion Ratio Lower Upper

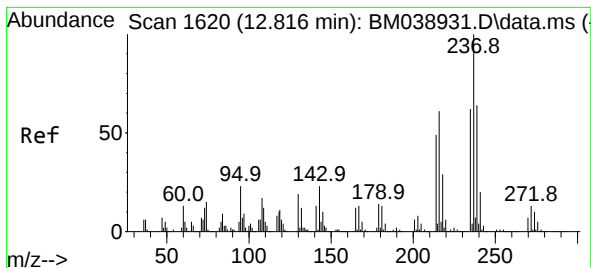
216 100

214 78.8 63.0 94.4

179 20.7 16.8 25.2

108 23.9 17.0 25.4

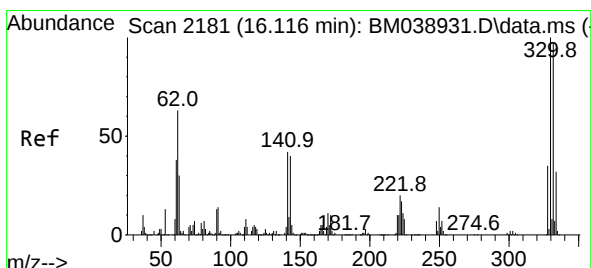
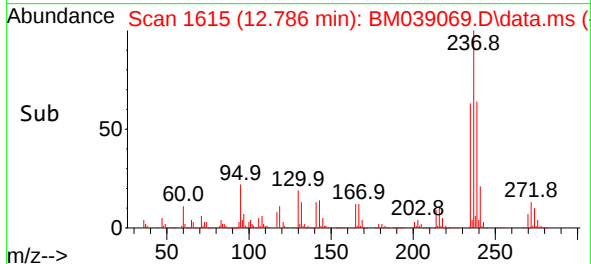
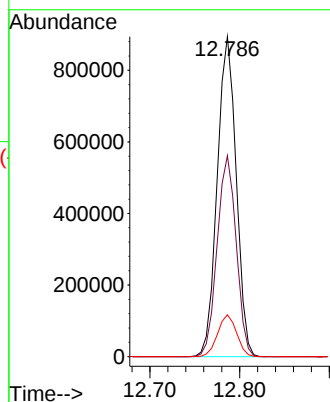
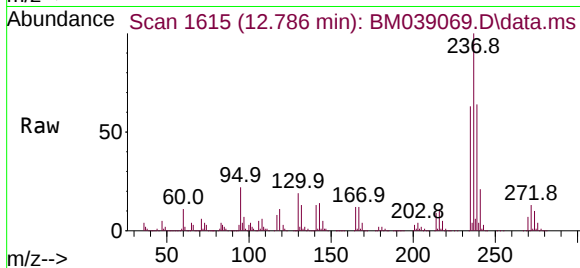




#41
Hexachlorocyclopentadiene
Concen: 123.374 ng
RT: 12.786 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM039069.D
Acq: 21 Mar 2023 15:07

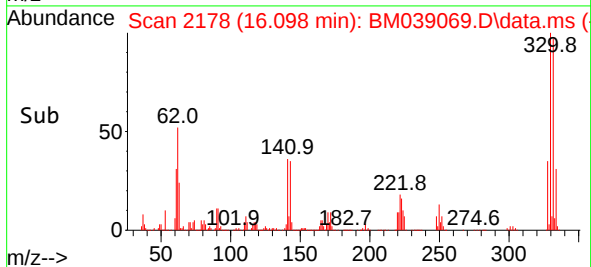
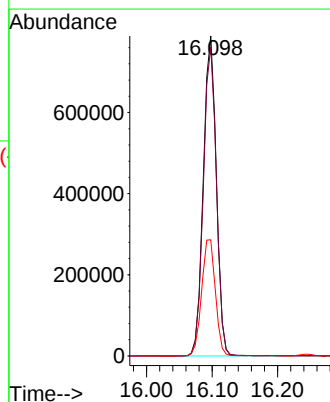
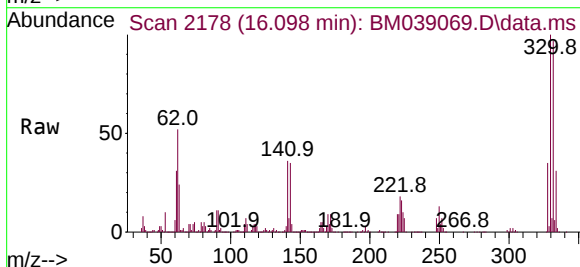
Instrument :
BNA_M
ClientSampleId :
NYE-SOIL-0316MS

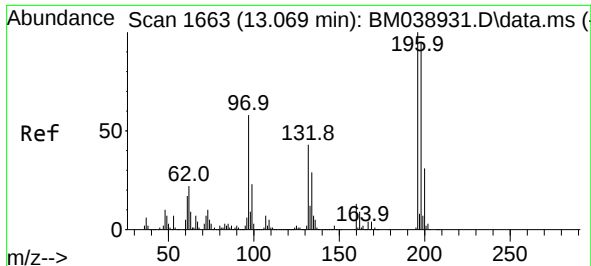
Tgt Ion:237 Resp: 1315578
Ion Ratio Lower Upper
237 100
235 62.8 41.7 81.7
272 13.1 0.0 33.2



#42
2,4,6-Tribromophenol
Concen: 155.906 ng
RT: 16.098 min Scan# 2178
Delta R.T. 0.000 min
Lab File: BM039069.D
Acq: 21 Mar 2023 15:07

Tgt Ion:330 Resp: 1077760
Ion Ratio Lower Upper
330 100
332 97.1 77.4 116.0
141 38.6 32.2 48.4

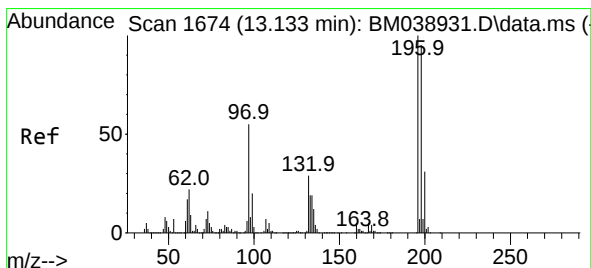
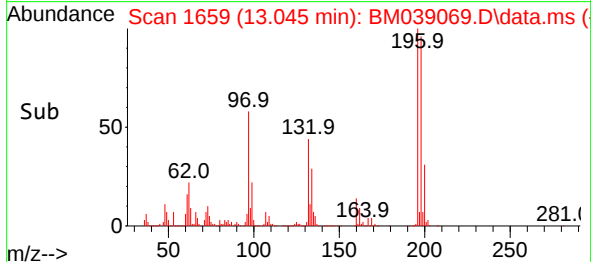
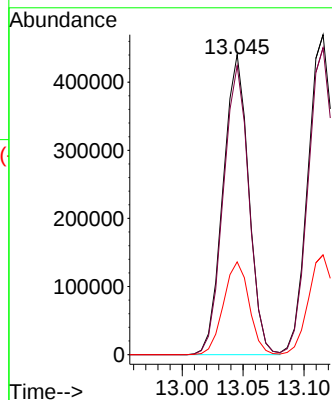
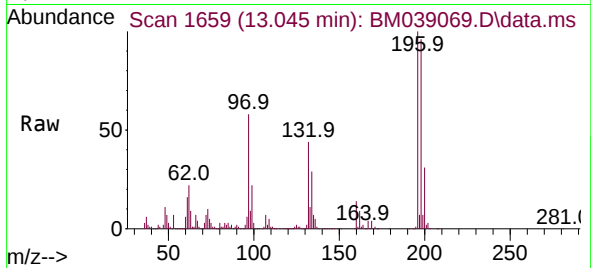




#43
2,4,6-Trichlorophenol
Concen: 51.227 ng
RT: 13.045 min Scan# 1659
Delta R.T. 0.000 min
Lab File: BM039069.D
Acq: 21 Mar 2023 15:07

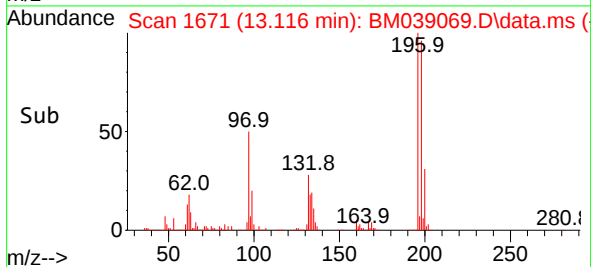
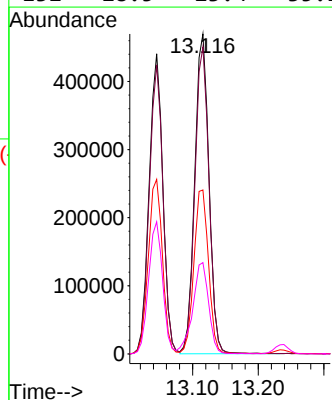
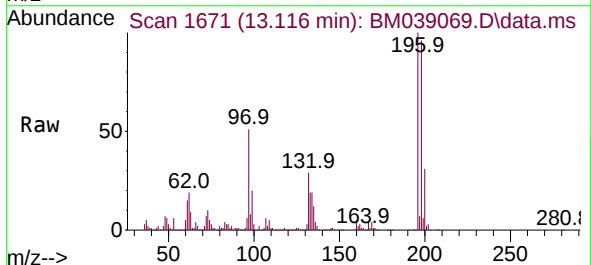
Instrument :
BNA_M
ClientSampleId :
NYE-SOIL-0316MS

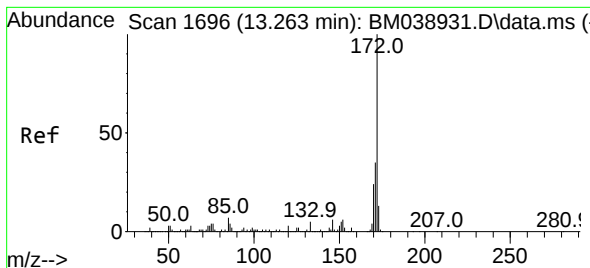
Tgt Ion:196 Resp: 644426
Ion Ratio Lower Upper
196 100
198 96.3 75.8 113.8
200 30.9 25.0 37.4



#44
2,4,5-Trichlorophenol
Concen: 48.014 ng
RT: 13.116 min Scan# 1671
Delta R.T. 0.000 min
Lab File: BM039069.D
Acq: 21 Mar 2023 15:07

Tgt Ion:196 Resp: 706990
Ion Ratio Lower Upper
196 100
198 95.9 76.3 114.5
97 51.2 44.2 66.4
132 28.5 23.4 35.2





#45

2-Fluorobiphenyl

Concen: 93.048 ng

RT: 13.233 min Scan# 1691

Delta R.T. 0.000 min

Lab File: BM039069.D

Acq: 21 Mar 2023 15:07

Instrument :

BNA_M

ClientSampleId :

NYE-SOIL-0316MS

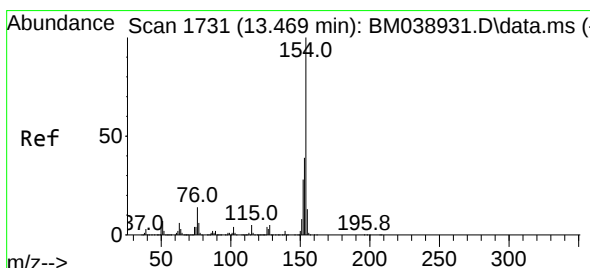
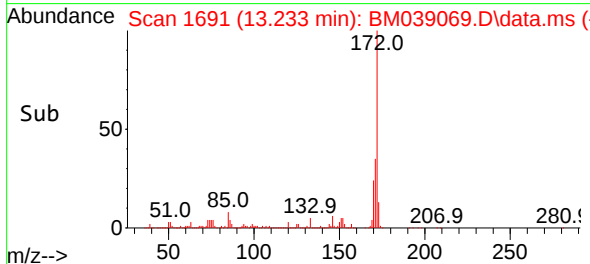
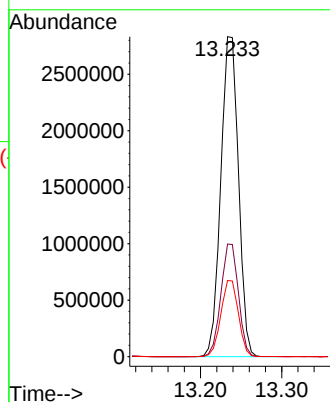
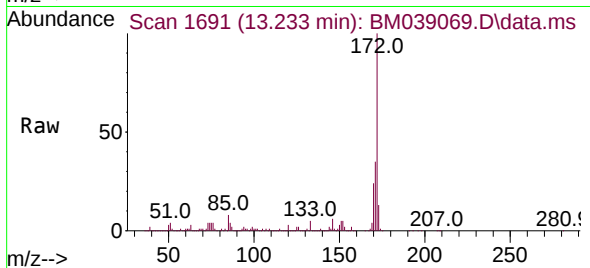
Tgt Ion:172 Resp: 4271172

Ion Ratio Lower Upper

172 100

171 35.2 28.2 42.2

170 23.8 19.1 28.7



#46

1,1'-Biphenyl

Concen: 49.871 ng

RT: 13.445 min Scan# 1727

Delta R.T. 0.000 min

Lab File: BM039069.D

Acq: 21 Mar 2023 15:07

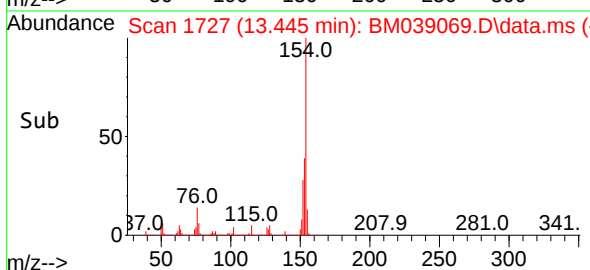
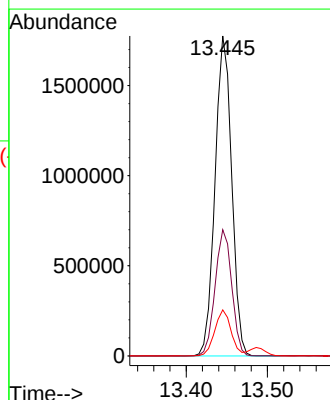
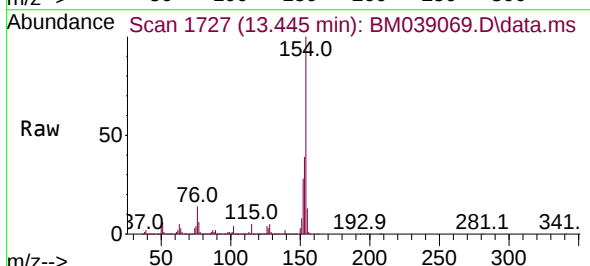
Tgt Ion:154 Resp: 2524688

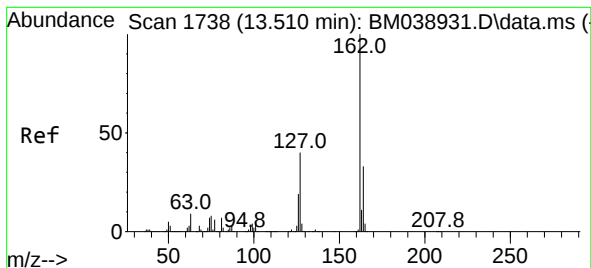
Ion Ratio Lower Upper

154 100

153 39.4 19.3 59.3

76 14.4 0.0 34.0

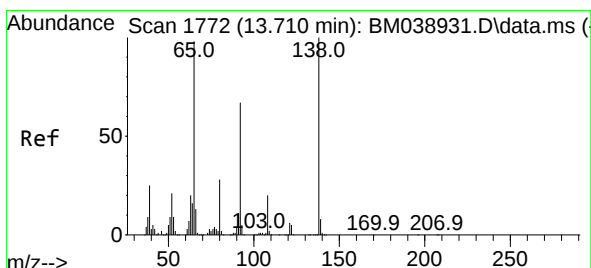
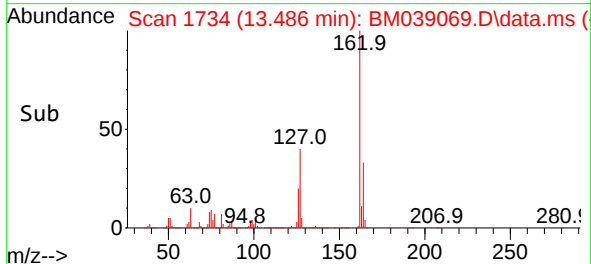
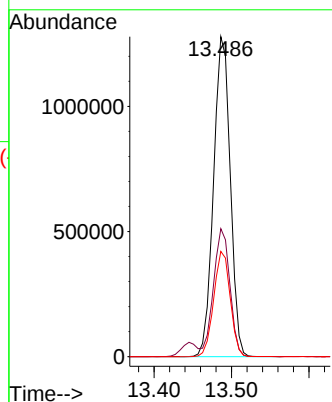
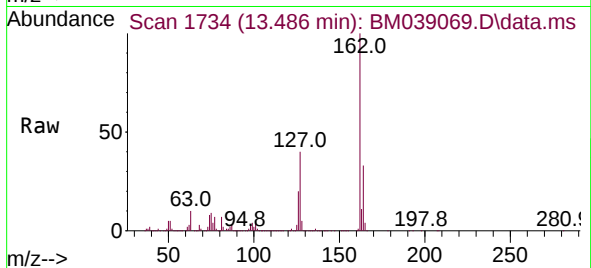




#47
2-Chloronaphthalene
Concen: 50.129 ng
RT: 13.486 min Scan# 1734
Delta R.T. 0.000 min
Lab File: BM039069.D
Acq: 21 Mar 2023 15:07

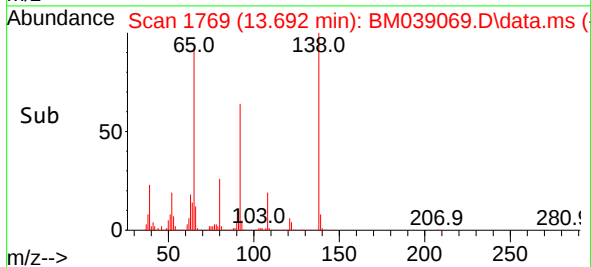
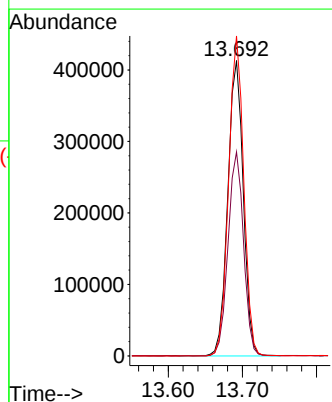
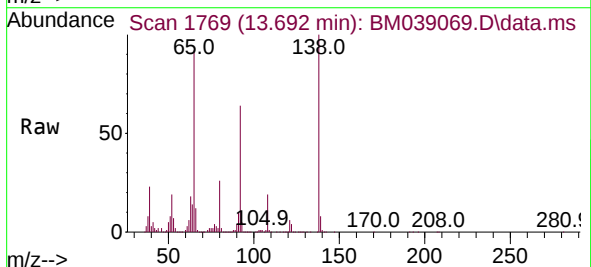
Instrument :
BNA_M
ClientSampleId :
NYE-SOIL-0316MS

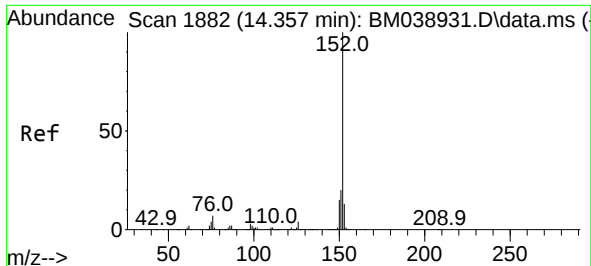
Tgt Ion:162 Resp: 1913636
Ion Ratio Lower Upper
162 100
127 40.0 32.1 48.1
164 32.9 26.2 39.4



#48
2-Nitroaniline
Concen: 49.003 ng
RT: 13.692 min Scan# 1769
Delta R.T. 0.000 min
Lab File: BM039069.D
Acq: 21 Mar 2023 15:07

Tgt Ion: 65 Resp: 599520
Ion Ratio Lower Upper
65 100
92 69.1 54.9 82.3
138 108.4 81.6 122.4

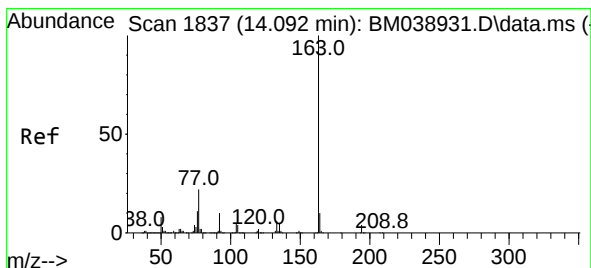
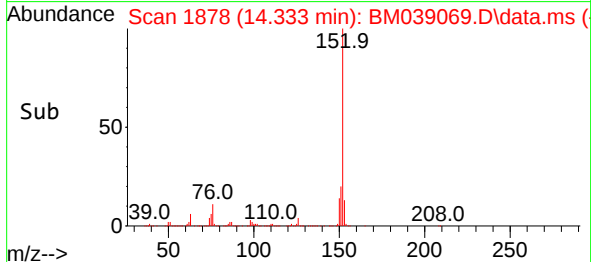
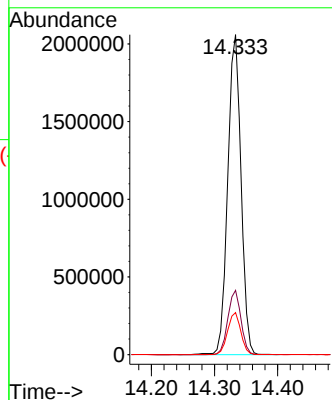
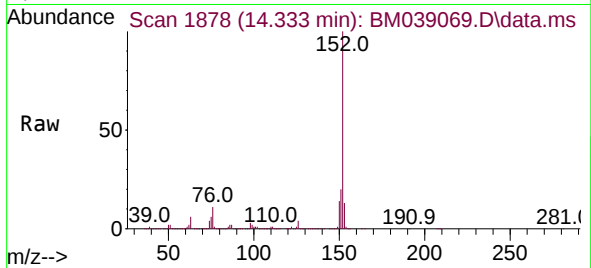




#49
Acenaphthylene
Concen: 49.330 ng
RT: 14.333 min Scan# 1882
Delta R.T. 0.000 min
Lab File: BM039069.D
Acq: 21 Mar 2023 15:07

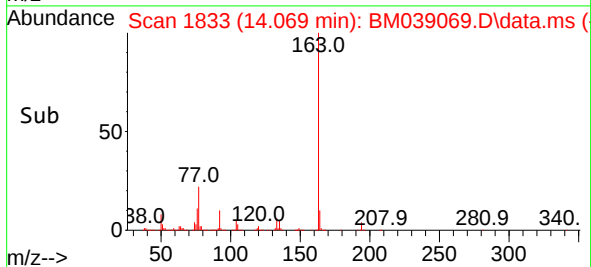
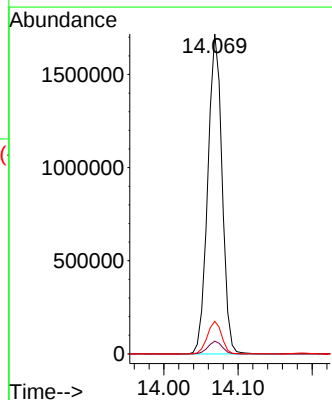
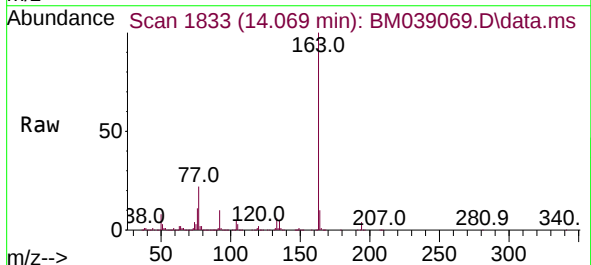
Instrument :
BNA_M
ClientSampleId :
NYE-SOIL-0316MS

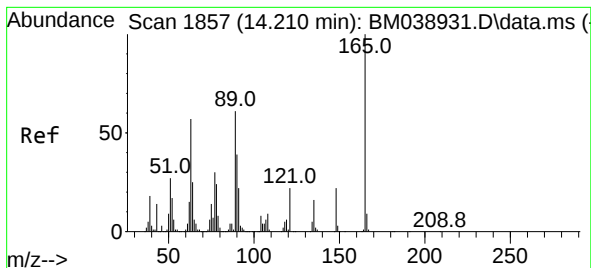
Tgt Ion:152 Resp: 2999569
Ion Ratio Lower Upper
152 100
151 20.1 15.8 23.8
153 13.1 10.4 15.6



#50
Dimethylphthalate
Concen: 49.817 ng
RT: 14.069 min Scan# 1833
Delta R.T. -0.000 min
Lab File: BM039069.D
Acq: 21 Mar 2023 15:07

Tgt Ion:163 Resp: 2290681
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 10.2 8.1 12.1

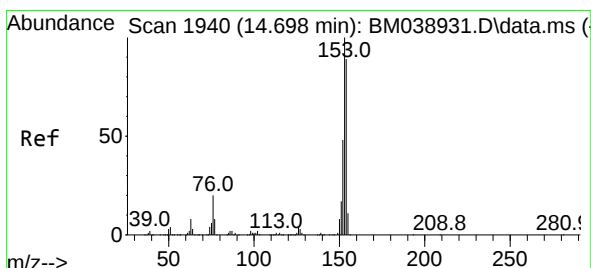
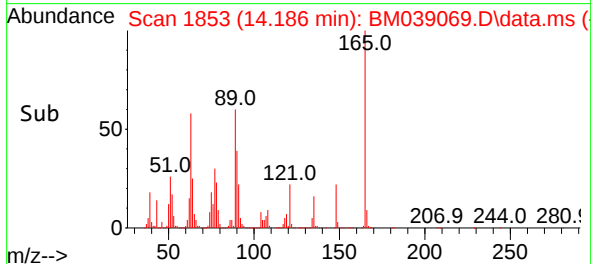
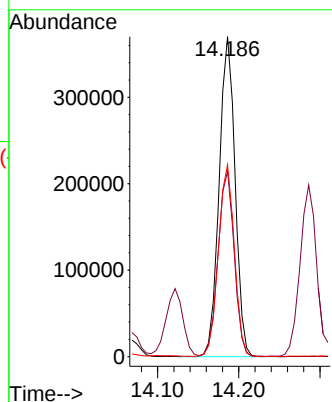
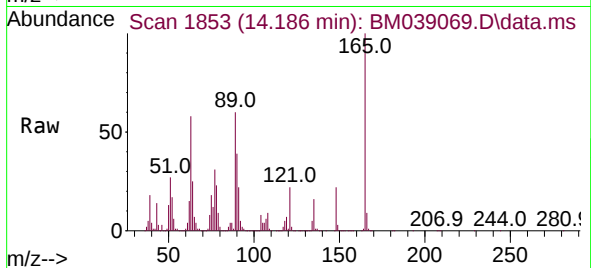




#51
2,6-Dinitrotoluene
Concen: 49.417 ng
RT: 14.186 min Scan# 1853
Delta R.T. 0.000 min
Lab File: BM039069.D
Acq: 21 Mar 2023 15:07

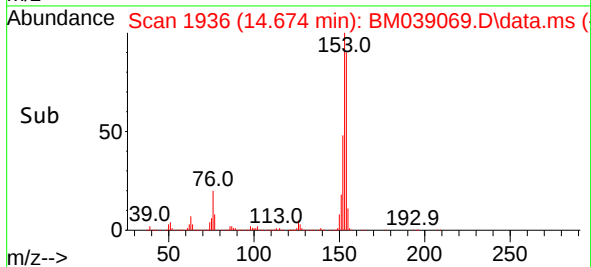
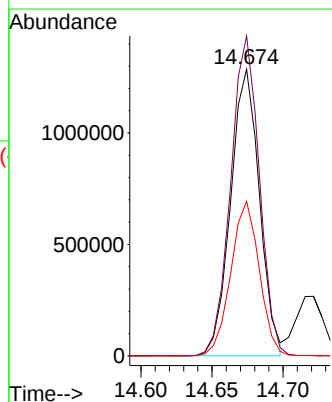
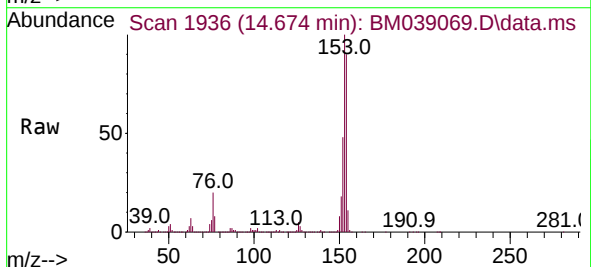
Instrument :
BNA_M
ClientSampleId :
NYE-SOIL-0316MS

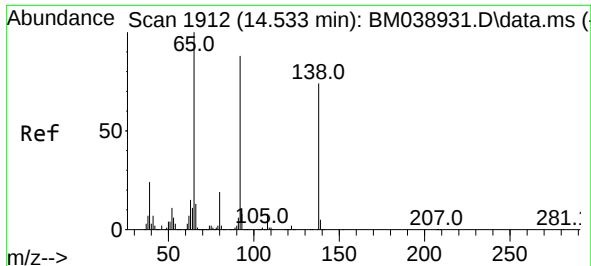
Tgt Ion:165 Resp: 503095
Ion Ratio Lower Upper
165 100
63 58.0 46.6 70.0
89 59.9 48.6 73.0



#52
Acenaphthene
Concen: 48.536 ng
RT: 14.674 min Scan# 1936
Delta R.T. 0.000 min
Lab File: BM039069.D
Acq: 21 Mar 2023 15:07

Tgt Ion:154 Resp: 1813755
Ion Ratio Lower Upper
154 100
153 111.6 90.2 135.2
152 53.9 43.4 65.2

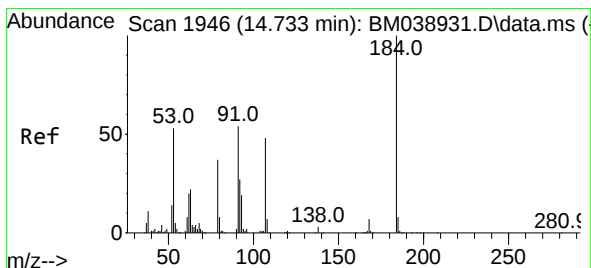
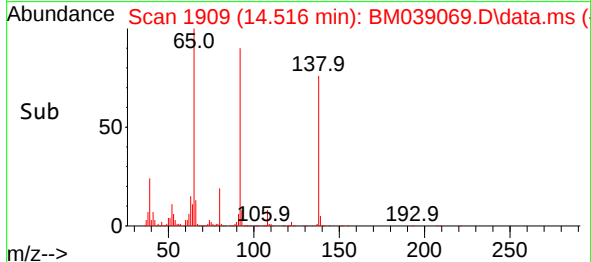
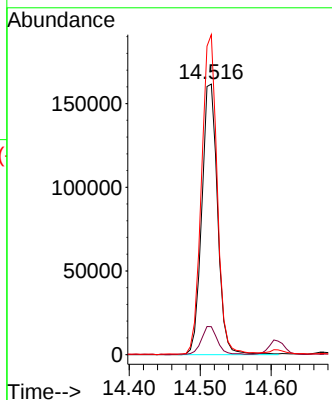
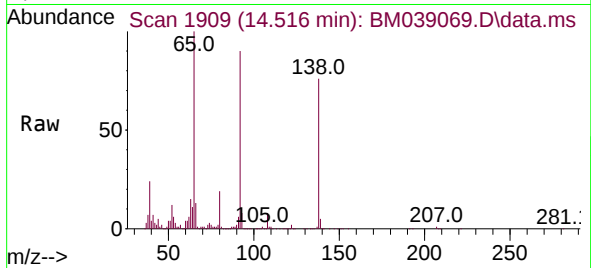




#53
3-Nitroaniline
Concen: 21.767 ng
RT: 14.516 min Scan# 1912
Delta R.T. 0.000 min
Lab File: BM039069.D
Acq: 21 Mar 2023 15:07

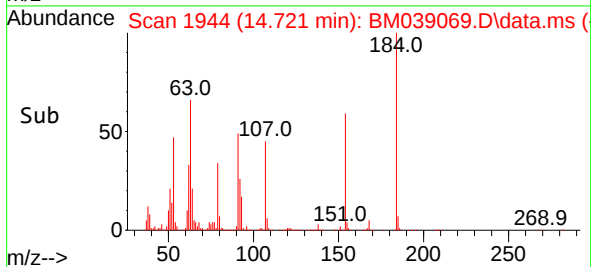
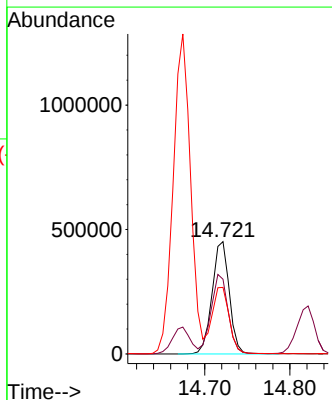
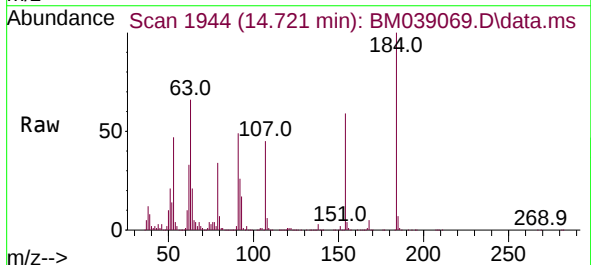
Instrument :
BNA_M
ClientSampleId :
NYE-SOIL-0316MS

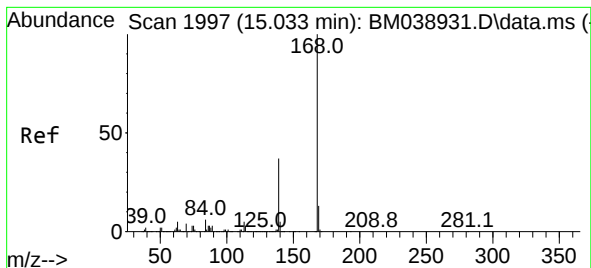
Tgt Ion:138 Resp: 248087
Ion Ratio Lower Upper
138 100
108 10.4 8.3 12.5
92 118.3 95.8 143.8



#54
2,4-Dinitrophenol
Concen: 106.165 ng
RT: 14.721 min Scan# 1944
Delta R.T. 0.006 min
Lab File: BM039069.D
Acq: 21 Mar 2023 15:07

Tgt Ion:184 Resp: 631138
Ion Ratio Lower Upper
184 100
63 66.5 60.6 90.8
154 59.3 51.4 77.2





#55

Dibenzenofuran

Concen: 48.296 ng

RT: 15.010 min Scan# 1993

Delta R.T. 0.006 min

Lab File: BM039069.D

Acq: 21 Mar 2023 15:07

Instrument :

BNA_M

ClientSampleId :

NYE-SOIL-0316MS

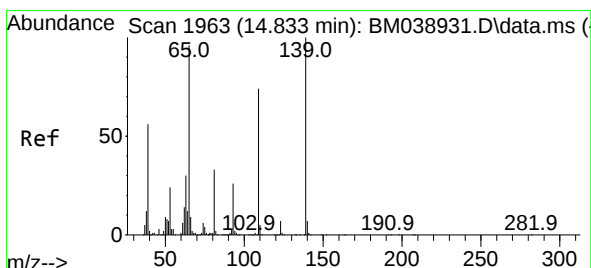
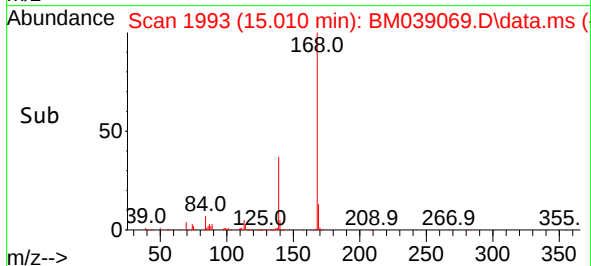
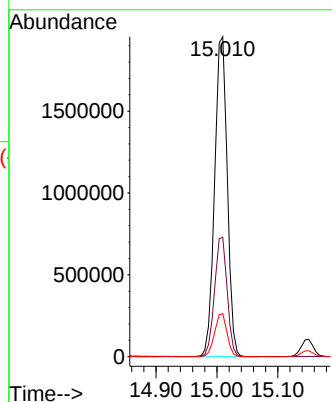
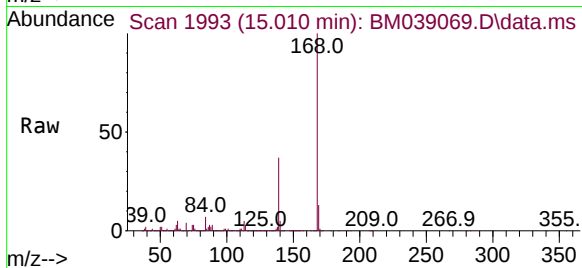
Tgt Ion:168 Resp: 2824229

Ion Ratio Lower Upper

168 100

139 37.3 29.9 44.9

169 13.4 10.7 16.1



#56

4-Nitrophenol

Concen: 105.944 ng

RT: 14.821 min Scan# 1961

Delta R.T. 0.006 min

Lab File: BM039069.D

Acq: 21 Mar 2023 15:07

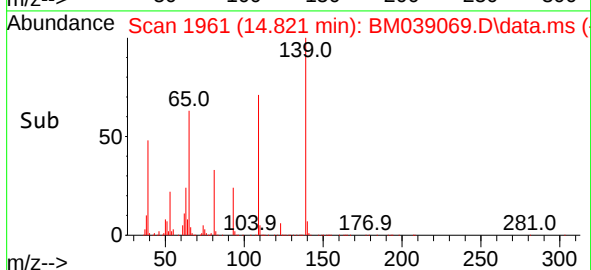
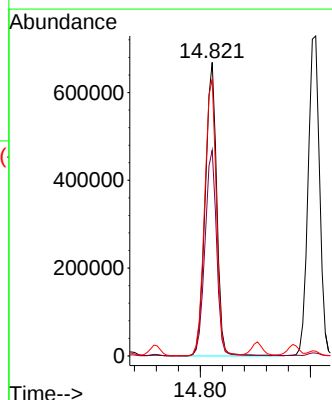
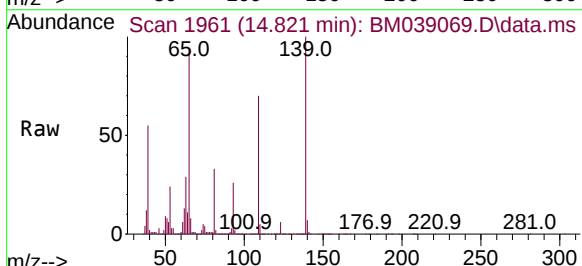
Tgt Ion:139 Resp: 967505

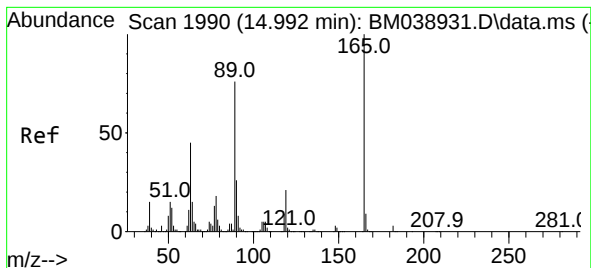
Ion Ratio Lower Upper

139 100

109 70.1 53.5 93.5

65 94.3 76.4 116.4

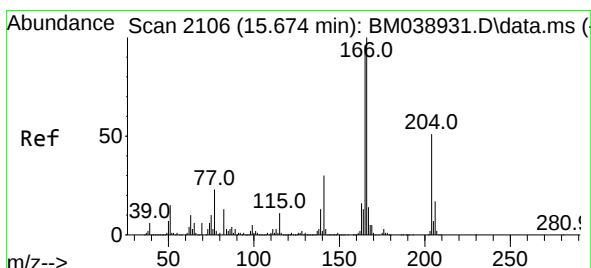
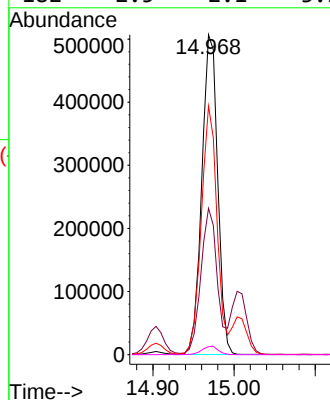
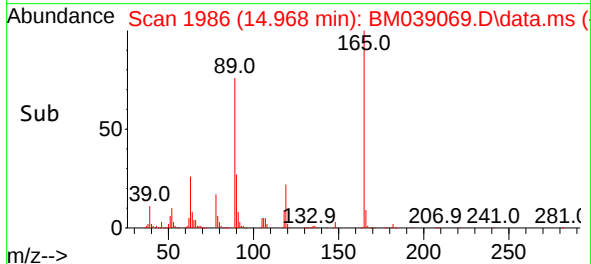
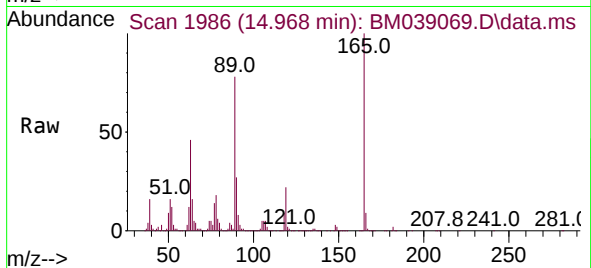




#57
2,4-Dinitrotoluene
Concen: 51.314 ng
RT: 14.968 min Scan# 1990
Delta R.T. 0.000 min
Lab File: BM039069.D
Acq: 21 Mar 2023 15:07

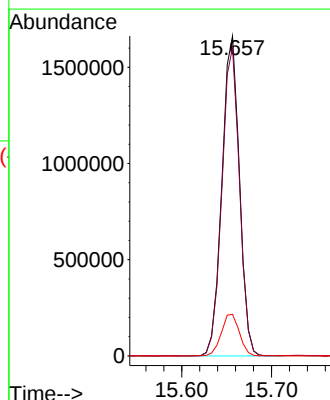
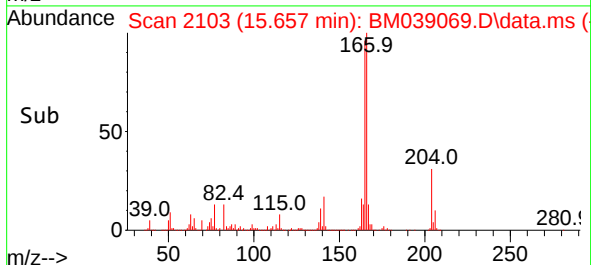
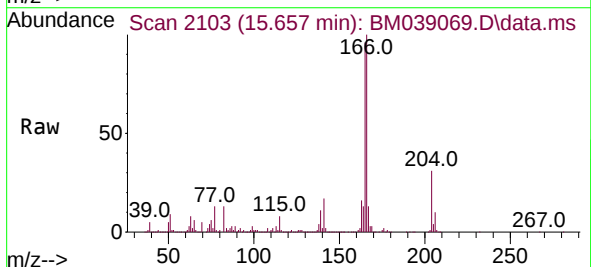
Instrument :
BNA_M
ClientSampleId :
NYE-SOIL-0316MS

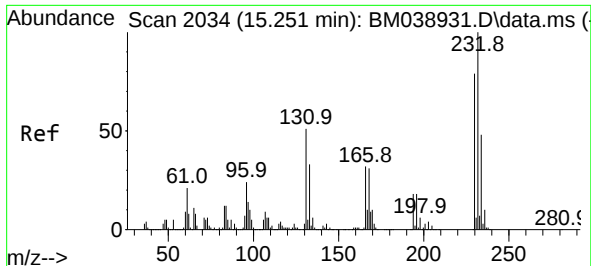
Tgt Ion:165 Resp: 688732
Ion Ratio Lower Upper
165 100
63 45.7 35.9 53.9
89 77.7 61.0 91.6
182 2.5 2.1 3.1



#58
Fluorene
Concen: 49.422 ng
RT: 15.657 min Scan# 2103
Delta R.T. 0.000 min
Lab File: BM039069.D
Acq: 21 Mar 2023 15:07

Tgt Ion:166 Resp: 2263862
Ion Ratio Lower Upper
166 100
165 96.4 77.1 115.7
167 13.0 10.9 16.3

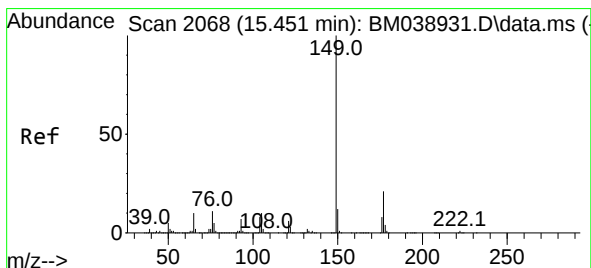
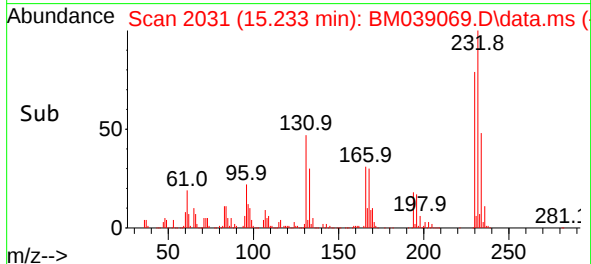
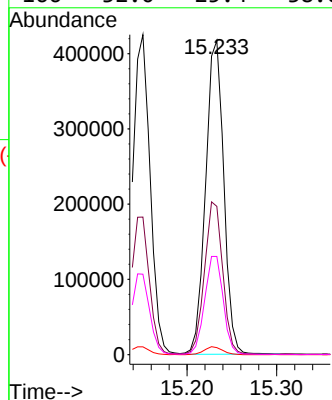
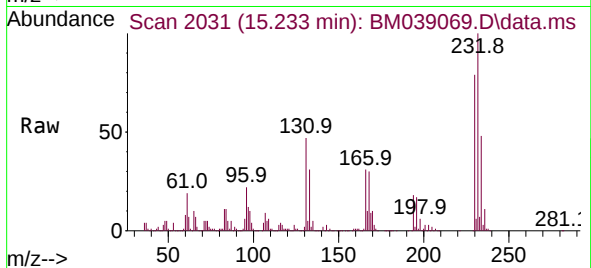




#59
2,3,4,6-Tetrachlorophenol
Concen: 51.785 ng
RT: 15.233 min Scan# 2031
Delta R.T. 0.006 min
Lab File: BM039069.D
Acq: 21 Mar 2023 15:07

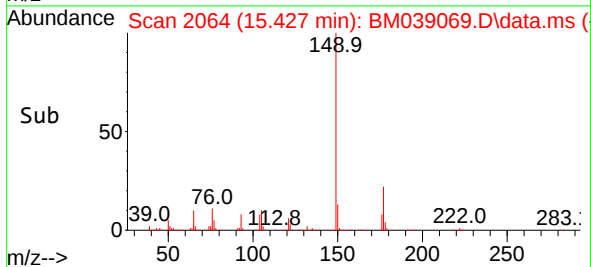
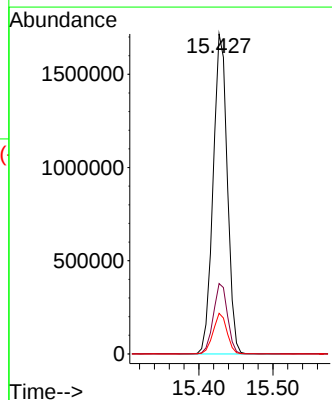
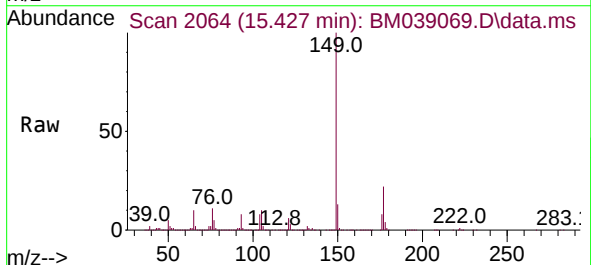
Instrument :
BNA_M
ClientSampleId :
NYE-SOIL-0316MS

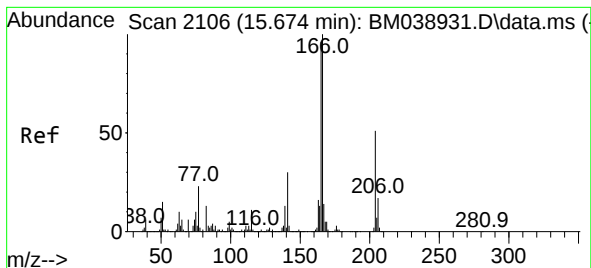
Tgt Ion:	232	Resp:	588069
Ion Ratio	Lower	Upper	
232	100		
131	49.0	40.0	60.0
130	2.5	2.0	3.0
166	32.0	25.4	38.0



#60
Diethylphthalate
Concen: 51.028 ng
RT: 15.427 min Scan# 2064
Delta R.T. 0.000 min
Lab File: BM039069.D
Acq: 21 Mar 2023 15:07

Tgt Ion:	149	Resp:	2283020
Ion Ratio	Lower	Upper	
149	100		
177	22.0	17.1	25.7
150	12.7	9.7	14.5

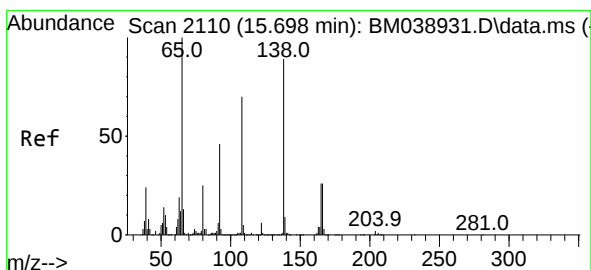
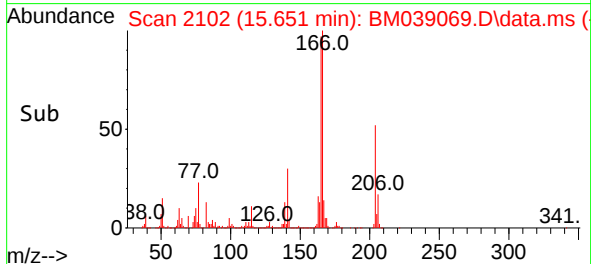
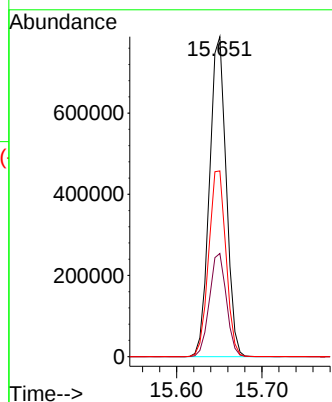
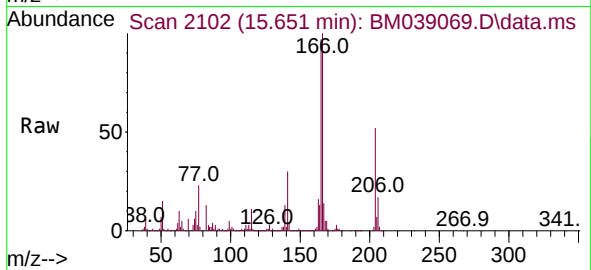




#61
4-Chlorophenyl-phenylether
Concen: 47.681 ng
RT: 15.651 min Scan# 2106
Delta R.T. -0.000 min
Lab File: BM039069.D
Acq: 21 Mar 2023 15:07

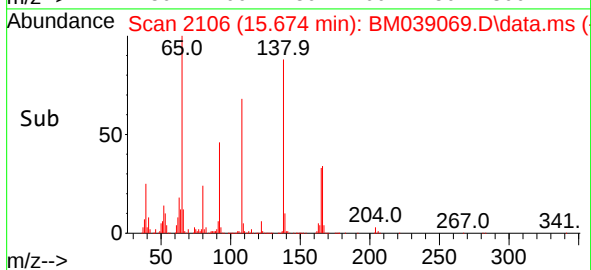
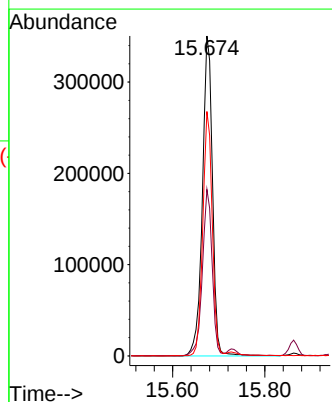
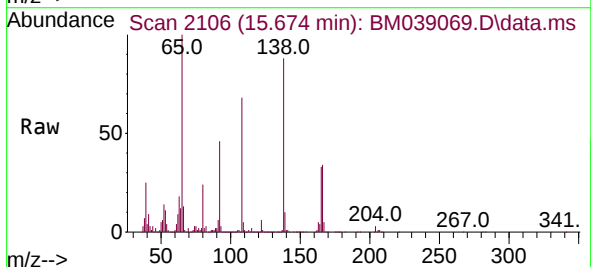
Instrument :
BNA_M
ClientSampleId :
NYE-SOIL-0316MS

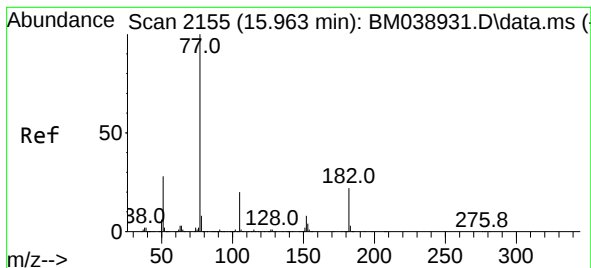
Tgt Ion:204 Resp: 1072985
Ion Ratio Lower Upper
204 100
206 32.3 26.4 39.6
141 58.0 46.4 69.6



#62
4-Nitroaniline
Concen: 44.058 ng
RT: 15.674 min Scan# 2106
Delta R.T. 0.000 min
Lab File: BM039069.D
Acq: 21 Mar 2023 15:07

Tgt Ion:138 Resp: 531301
Ion Ratio Lower Upper
138 100
92 52.0 31.6 71.6
108 76.4 58.6 98.6





#63

Azobenzene

Concen: 49.975 ng

RT: 15.939 min Scan# 2151

Delta R.T. -0.000 min

Lab File: BM039069.D

Acq: 21 Mar 2023 15:07

Instrument :

BNA_M

ClientSampleId :

NYE-SOIL-0316MS

Tgt Ion: 77 Resp: 2365841

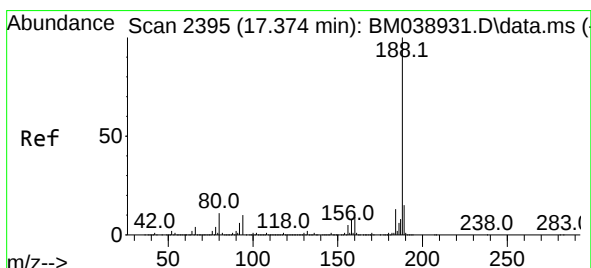
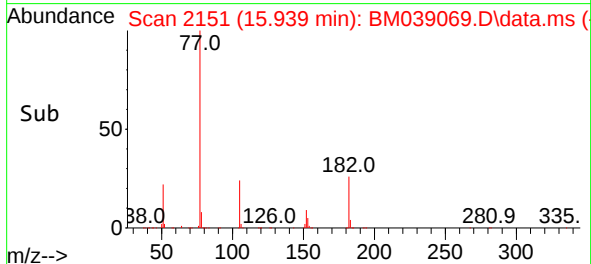
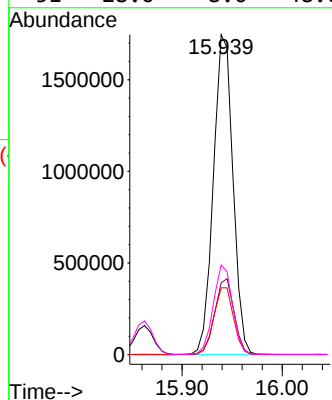
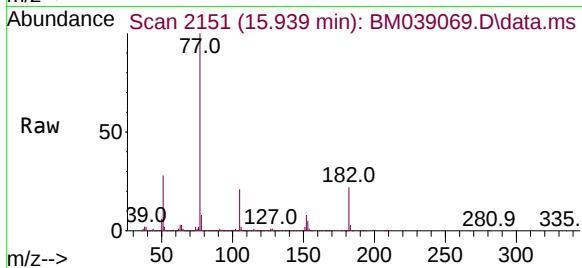
Ion Ratio Lower Upper

77 100

182 22.4 2.0 42.0

105 20.9 0.4 40.4

51 28.0 8.0 48.0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.351 min Scan# 2391

Delta R.T. 0.000 min

Lab File: BM039069.D

Acq: 21 Mar 2023 15:07

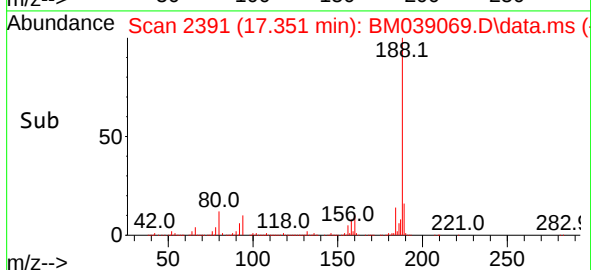
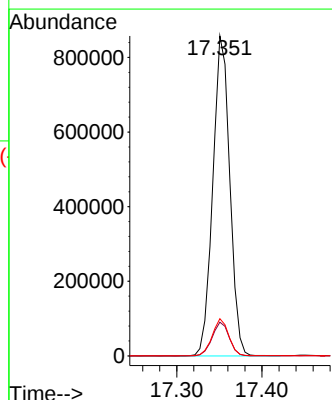
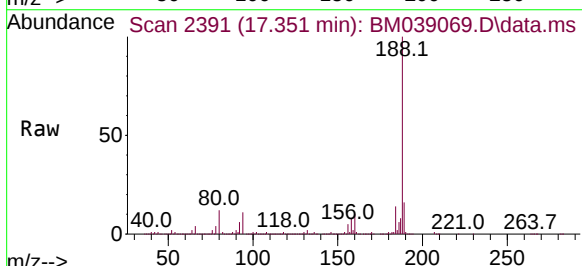
Tgt Ion: 188 Resp: 1186065

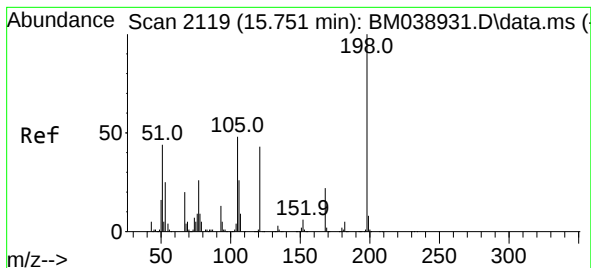
Ion Ratio Lower Upper

188 100

94 10.5 7.9 11.9

80 11.6 8.5 12.7

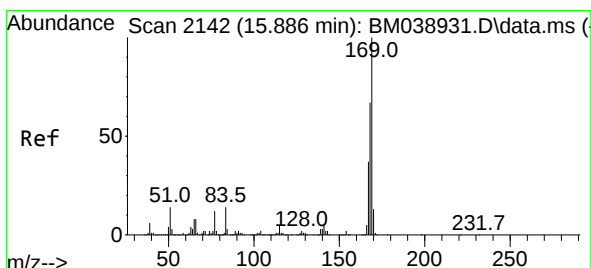
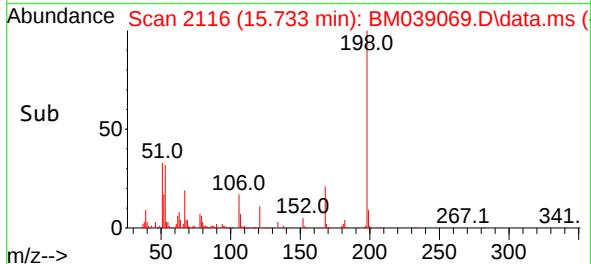
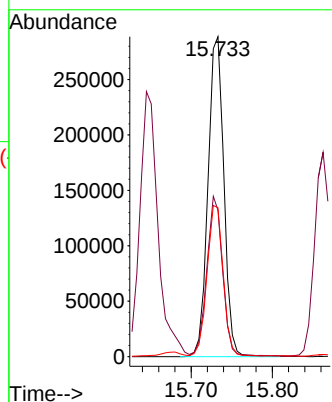
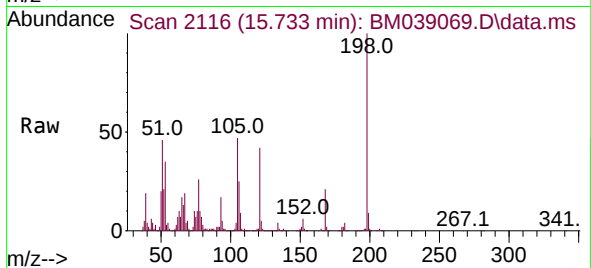




#65
4,6-Dinitro-2-methylphenol
Concen: 50.110 ng
RT: 15.733 min Scan# 2116
Delta R.T. 0.000 min
Lab File: BM039069.D
Acq: 21 Mar 2023 15:07

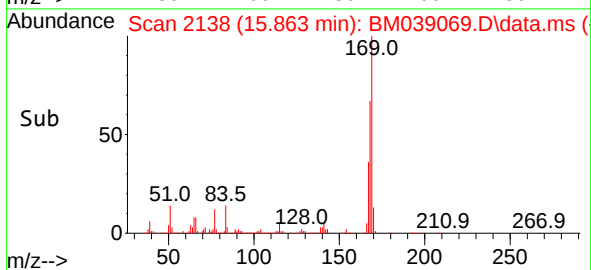
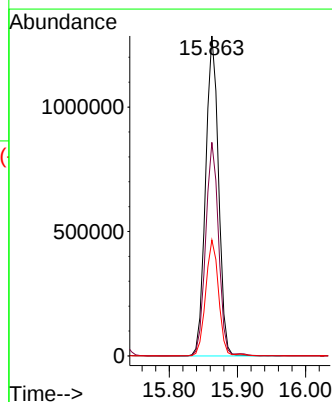
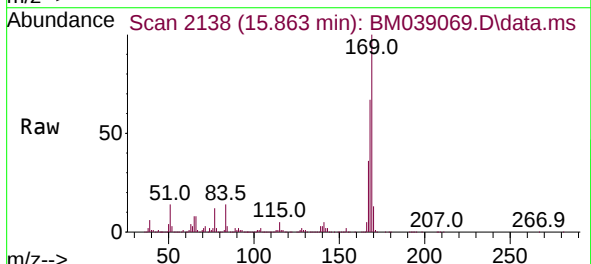
Instrument :
BNA_M
ClientSampleId :
NYE-SOIL-0316MS

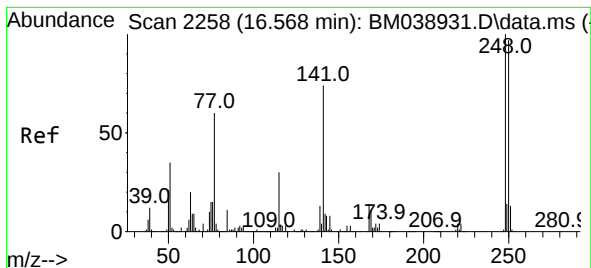
Tgt Ion:198 Resp: 392531
Ion Ratio Lower Upper
198 100
51 45.7 30.1 70.1
105 46.5 29.3 69.3



#66
n-Nitrosodiphenylamine
Concen: 42.433 ng
RT: 15.863 min Scan# 2138
Delta R.T. -0.000 min
Lab File: BM039069.D
Acq: 21 Mar 2023 15:07

Tgt Ion:169 Resp: 1696681
Ion Ratio Lower Upper
169 100
168 66.7 53.4 80.0
167 36.2 29.4 44.0

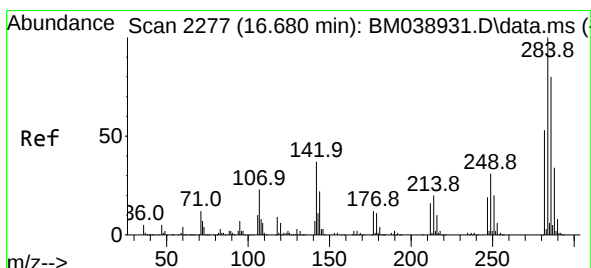
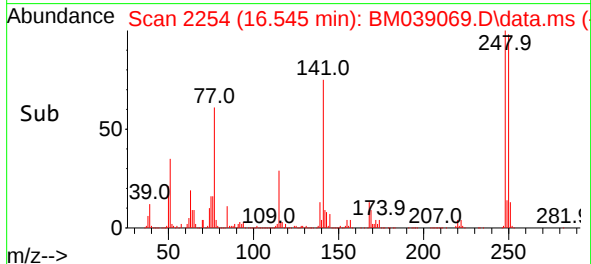
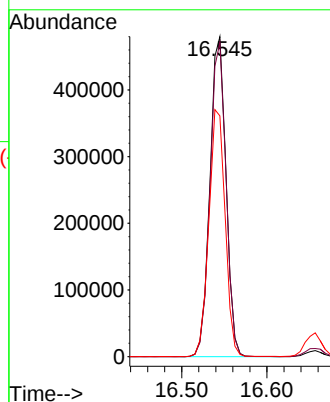
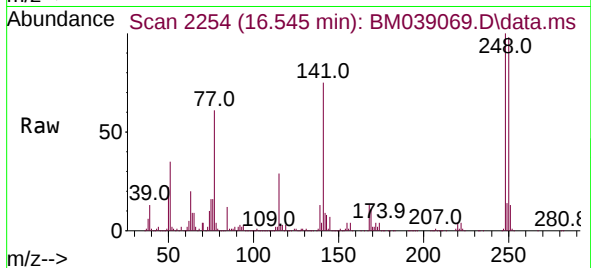




#67
4-Bromophenyl-phenylether
Concen: 49.004 ng
RT: 16.545 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM039069.D
Acq: 21 Mar 2023 15:07

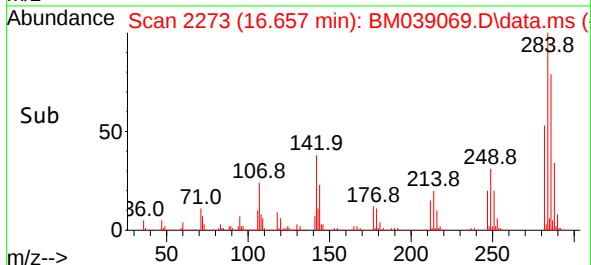
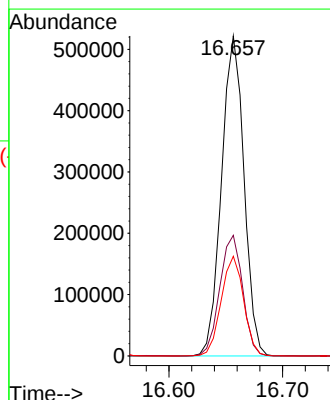
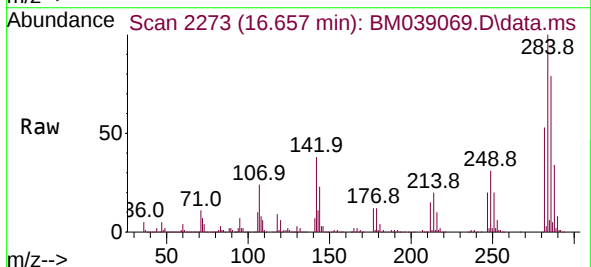
Instrument :
BNA_M
ClientSampleId :
NYE-SOIL-0316MS

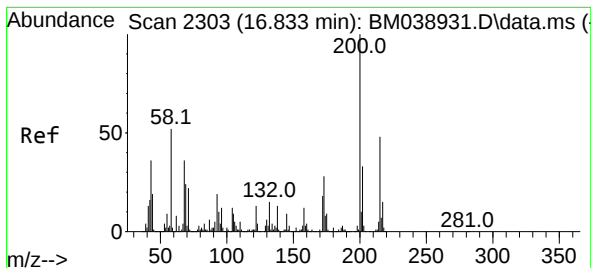
Tgt Ion:248 Resp: 627788
Ion Ratio Lower Upper
248 100
250 98.1 77.8 116.8
141 75.2 59.0 88.4



#68
Hexachlorobenzene
Concen: 50.101 ng
RT: 16.657 min Scan# 2273
Delta R.T. -0.000 min
Lab File: BM039069.D
Acq: 21 Mar 2023 15:07

Tgt Ion:284 Resp: 717501
Ion Ratio Lower Upper
284 100
142 37.7 29.5 44.3
249 31.1 25.0 37.4





#69

Atrazine

Concen: 31.104 ng

RT: 16.815 min Scan# 2311

Delta R.T. 0.000 min

Lab File: BM039069.D

Acq: 21 Mar 2023 15:07

Instrument :

BNA_M

ClientSampleId :

NYE-SOIL-0316MS

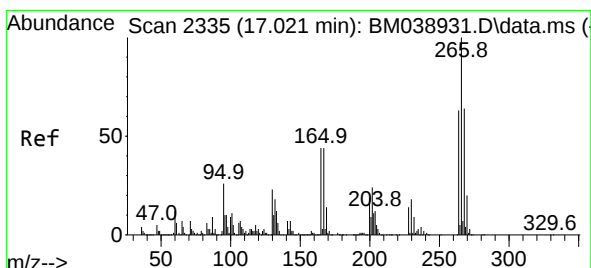
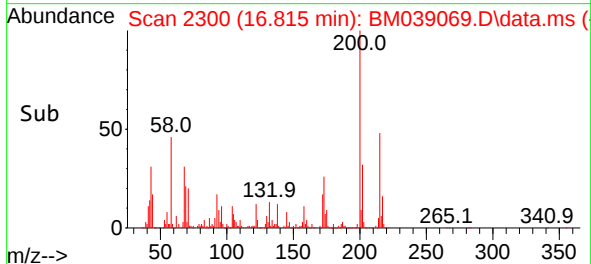
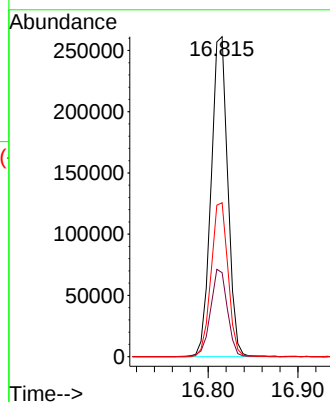
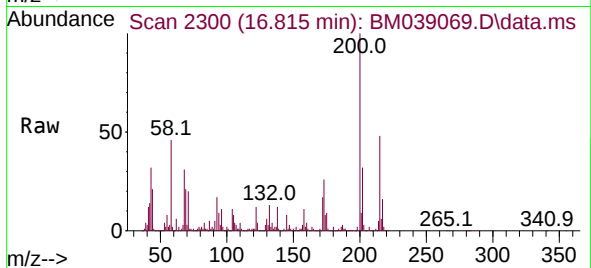
Tgt Ion:200 Resp: 339707

Ion Ratio Lower Upper

200 100

173 26.2 8.2 48.2

215 48.1 27.8 67.8



#70

Pentachlorophenol

Concen: 94.436 ng

RT: 16.998 min Scan# 2331

Delta R.T. 0.000 min

Lab File: BM039069.D

Acq: 21 Mar 2023 15:07

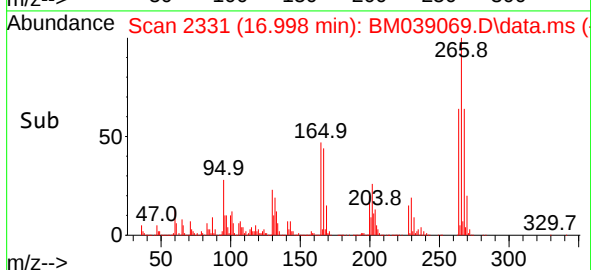
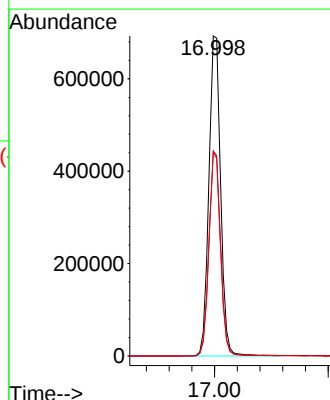
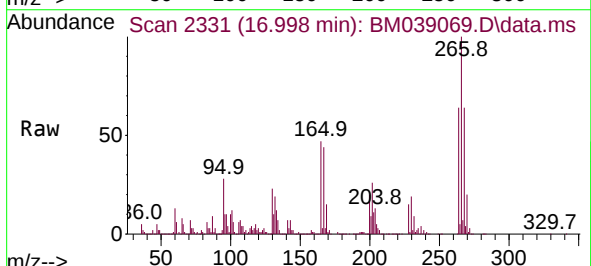
Tgt Ion:266 Resp: 994718

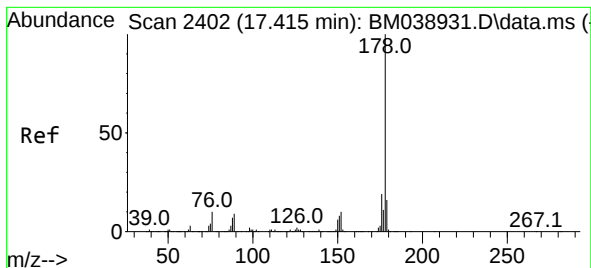
Ion Ratio Lower Upper

266 100

268 64.0 51.0 76.4

264 63.8 50.3 75.5





#71

Phenanthrene

Concen: 48.959 ng

RT: 17.398 min Scan# 2411

Delta R.T. 0.006 min

Lab File: BM039069.D

Acq: 21 Mar 2023 15:07

Instrument :

BNA_M

ClientSampleId :

NYE-SOIL-0316MS

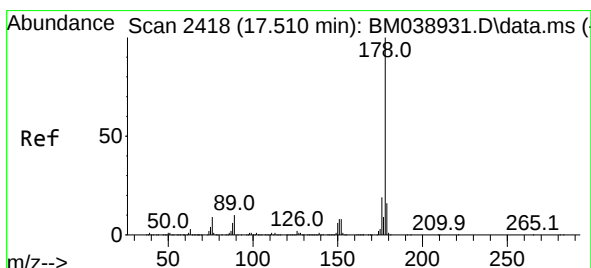
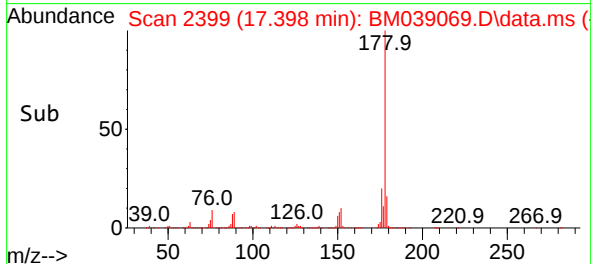
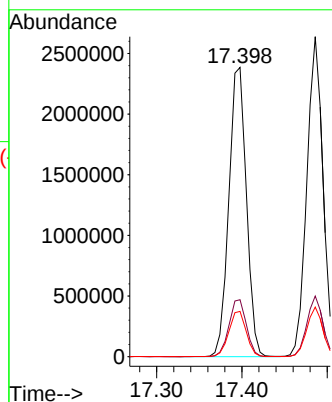
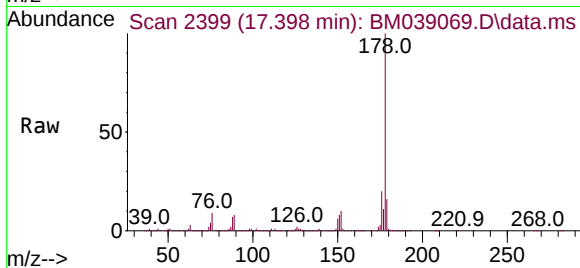
Tgt Ion:178 Resp: 3408076

Ion Ratio Lower Upper

178 100

176 19.7 15.6 23.4

179 15.6 12.5 18.7



#72

Anthracene

Concen: 50.204 ng

RT: 17.486 min Scan# 2414

Delta R.T. 0.000 min

Lab File: BM039069.D

Acq: 21 Mar 2023 15:07

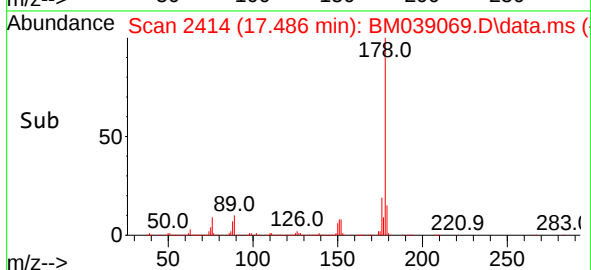
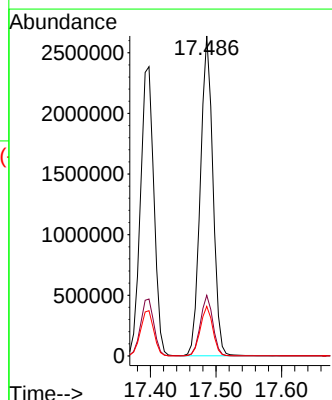
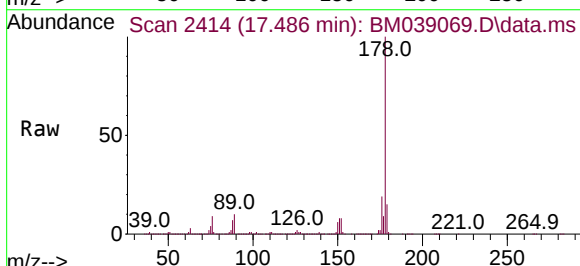
Tgt Ion:178 Resp: 3485144

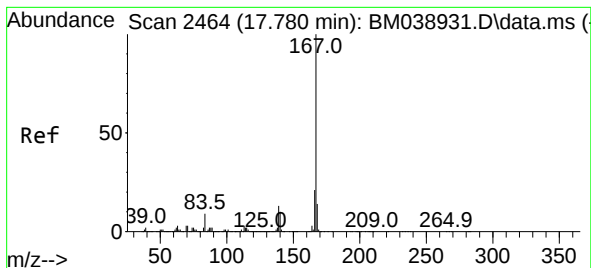
Ion Ratio Lower Upper

178 100

176 18.9 15.3 22.9

179 15.5 12.5 18.7





#73

Carbazole

Concen: 44.933 ng

RT: 17.756 min Scan# 24

Delta R.T. 0.000 min

Lab File: BM039069.D

Acq: 21 Mar 2023 15:07

Instrument :

BNA_M

ClientSampleId :

NYE-SOIL-0316MS

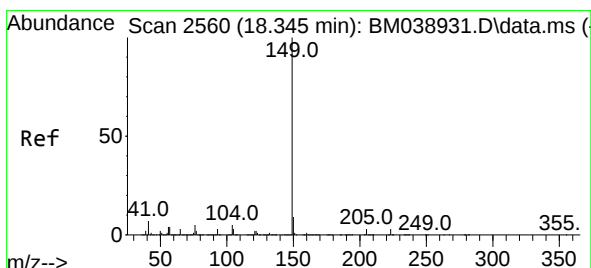
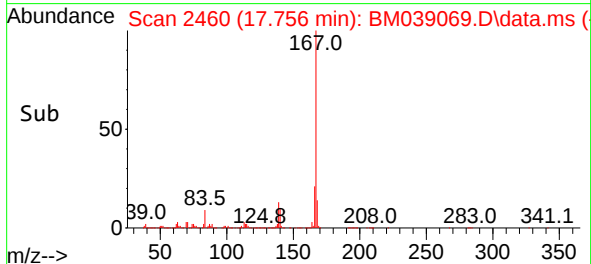
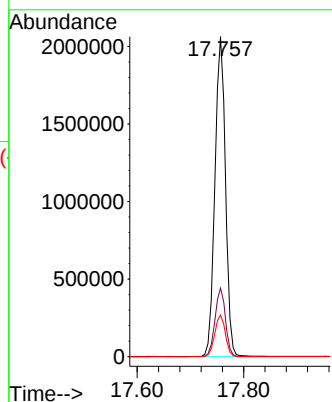
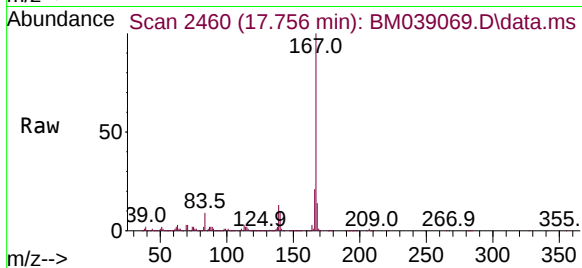
Tgt Ion:167 Resp: 2846803

Ion Ratio Lower Upper

167 100

166 21.5 17.0 25.4

139 13.0 10.3 15.5



#74

Di-n-butylphthalate

Concen: 50.976 ng

RT: 18.321 min Scan# 2556

Delta R.T. 0.000 min

Lab File: BM039069.D

Acq: 21 Mar 2023 15:07

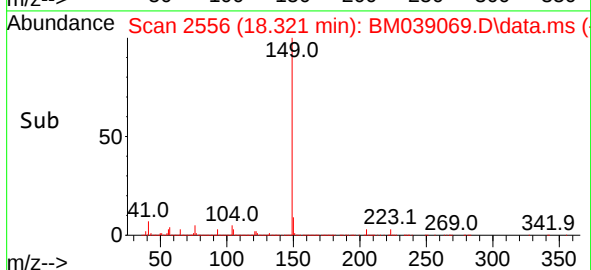
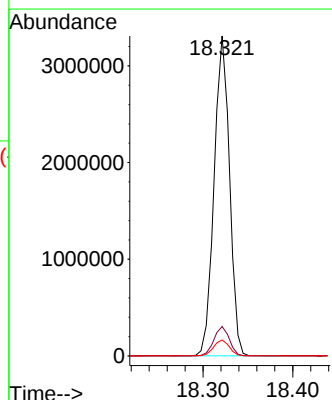
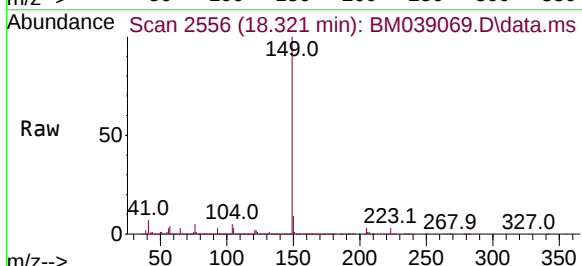
Tgt Ion:149 Resp: 3948108

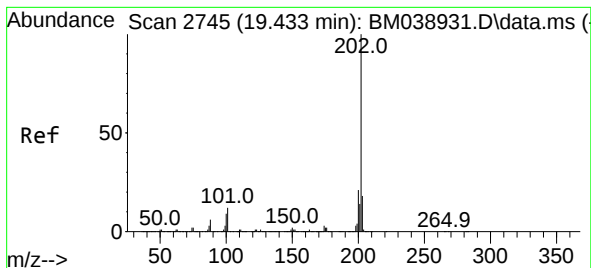
Ion Ratio Lower Upper

149 100

150 9.2 7.4 11.2

104 5.0 4.3 6.5





#75

Fluoranthene

Concen: 51.021 ng

RT: 19.409 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM039069.D

Acq: 21 Mar 2023 15:07

Instrument :

BNA_M

ClientSampleId :

NYE-SOIL-0316MS

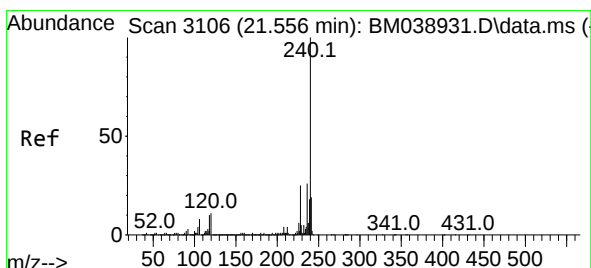
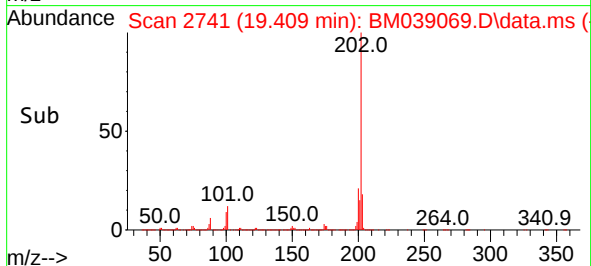
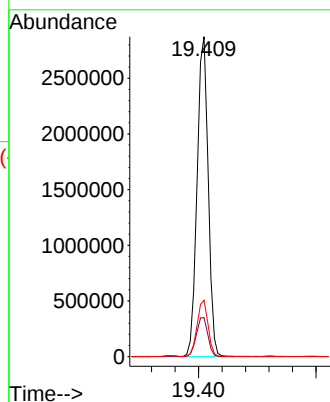
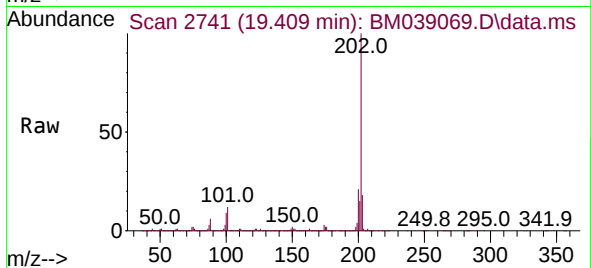
Tgt Ion:202 Resp: 3749966

Ion Ratio Lower Upper

202 100

101 12.2 0.0 31.7

203 17.6 0.0 37.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.533 min Scan# 3102

Delta R.T. 0.000 min

Lab File: BM039069.D

Acq: 21 Mar 2023 15:07

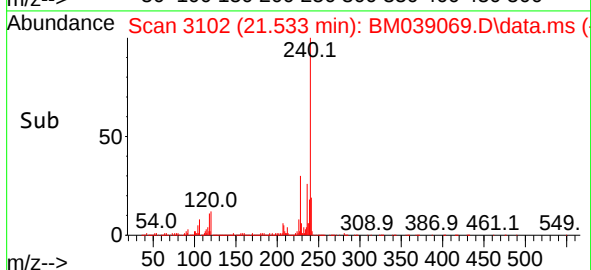
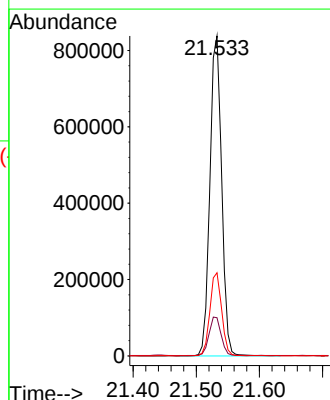
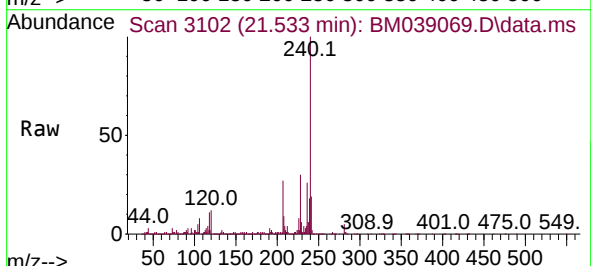
Tgt Ion:240 Resp: 1079587

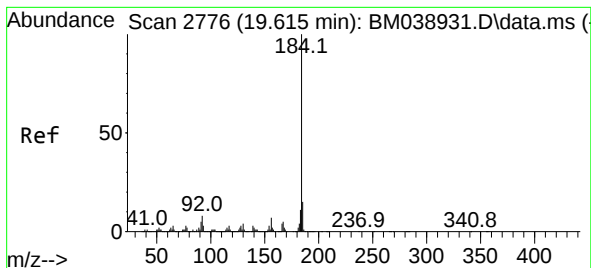
Ion Ratio Lower Upper

240 100

120 11.9 9.2 13.8

236 26.0 20.8 31.2





#77

Benzidine

Concen: 30.627 ng

RT: 19.592 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM039069.D

Acq: 21 Mar 2023 15:07

Instrument :

BNA_M

ClientSampleId :

NYE-SOIL-0316MS

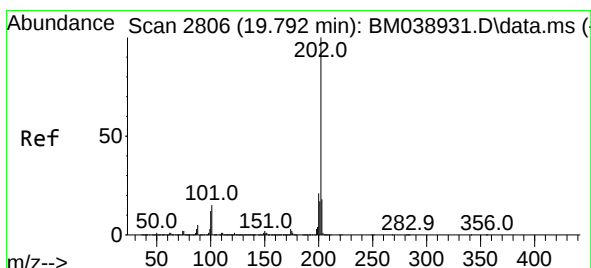
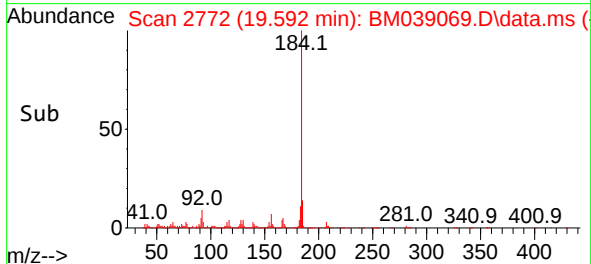
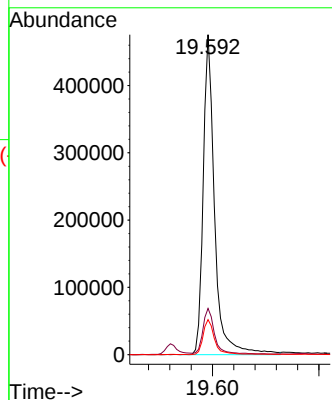
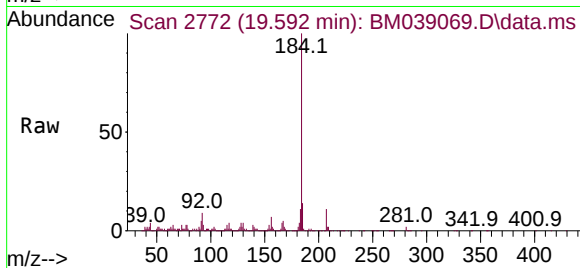
Tgt Ion:184 Resp: 705333

Ion Ratio Lower Upper

184 100

185 14.4 12.2 18.4

183 10.9 8.8 13.2



#78

Pyrene

Concen: 49.267 ng

RT: 19.768 min Scan# 2802

Delta R.T. 0.000 min

Lab File: BM039069.D

Acq: 21 Mar 2023 15:07

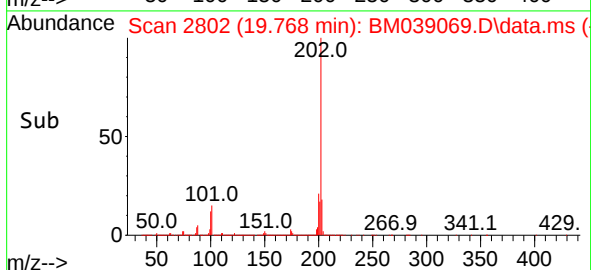
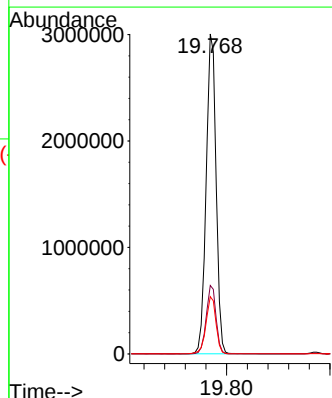
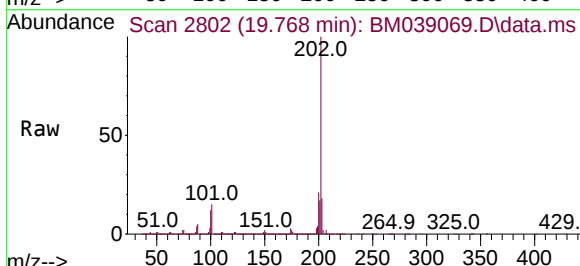
Tgt Ion:202 Resp: 3994892

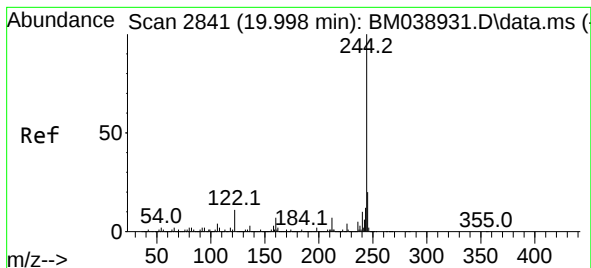
Ion Ratio Lower Upper

202 100

200 21.4 17.1 25.7

203 17.9 14.1 21.1





#79

Terphenyl-d14

Concen: 100.841 ng

RT: 19.974 min Scan# 2841

Delta R.T. 0.006 min

Lab File: BM039069.D

Acq: 21 Mar 2023 15:07

Instrument :

BNA_M

ClientSampleId :

NYE-SOIL-0316MS

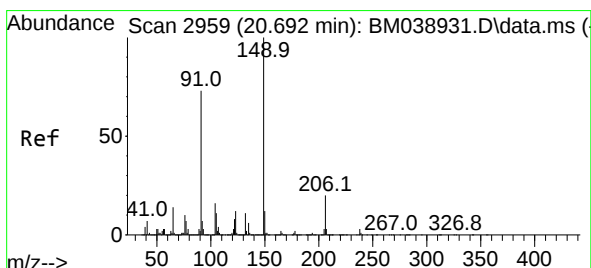
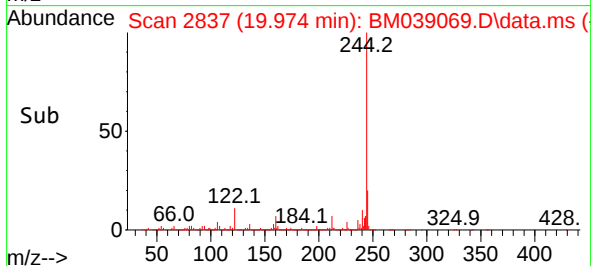
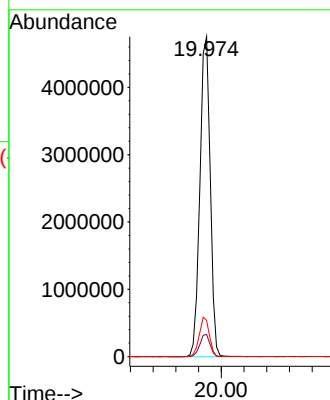
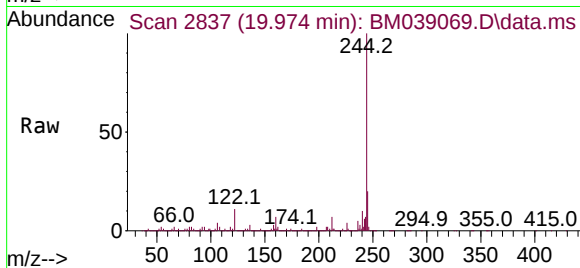
Tgt Ion:244 Resp: 5954424

Ion Ratio Lower Upper

244 100

212 6.9 5.5 8.3

122 11.3 9.0 13.4



#80

Butylbenzylphthalate

Concen: 50.967 ng

RT: 20.662 min Scan# 2954

Delta R.T. 0.000 min

Lab File: BM039069.D

Acq: 21 Mar 2023 15:07

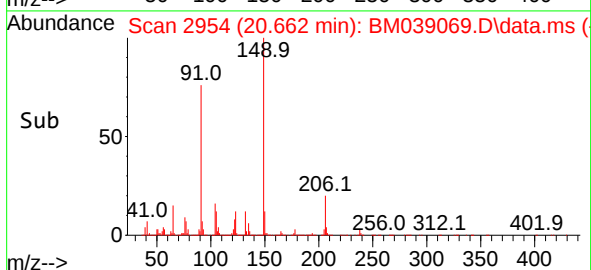
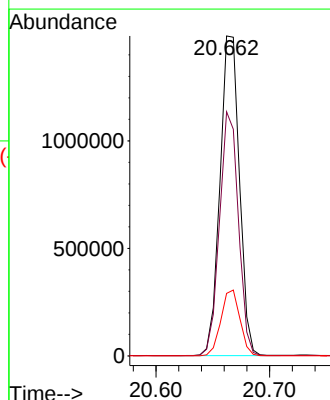
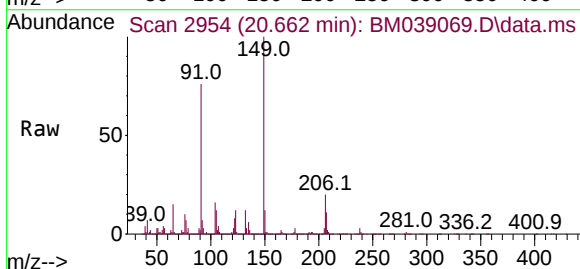
Tgt Ion:149 Resp: 1764839

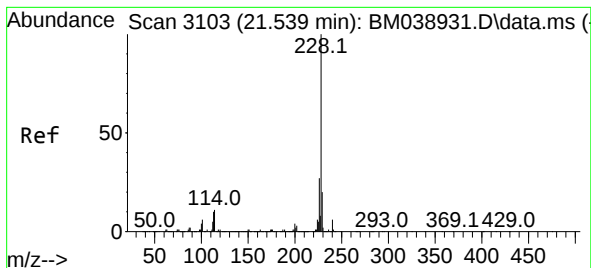
Ion Ratio Lower Upper

149 100

91 76.3 58.4 87.6

206 19.5 16.1 24.1





#81

Benzo(a)anthracene

Concen: 49.678 ng

RT: 21.515 min Scan# 30

Delta R.T. 0.000 min

Lab File: BM039069.D

Acq: 21 Mar 2023 15:07

Instrument :

BNA_M

ClientSampleId :

NYE-SOIL-0316MS

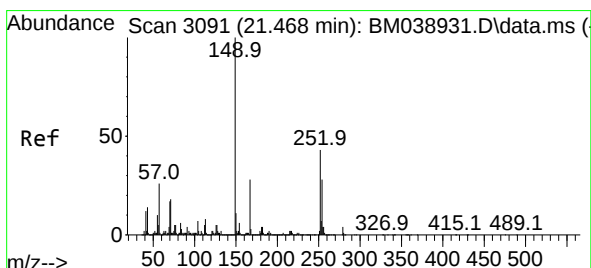
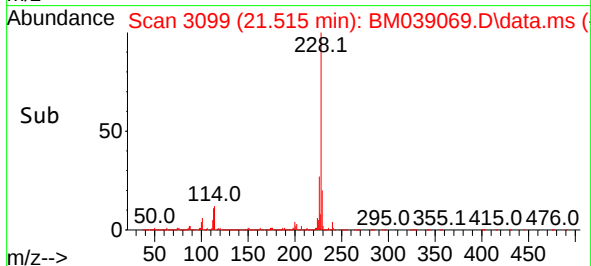
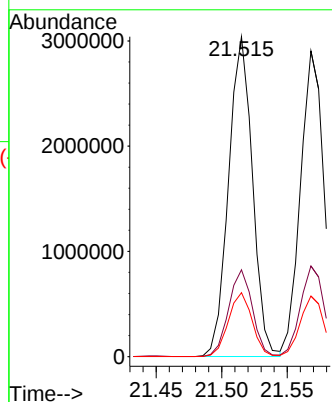
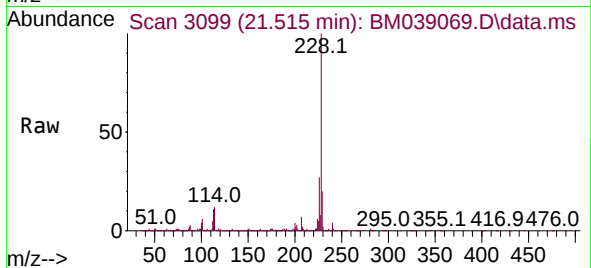
Tgt Ion:228 Resp: 3862262

Ion Ratio Lower Upper

228 100

226 27.1 21.4 32.2

229 20.0 15.7 23.5



#82

3,3'-Dichlorobenzidine

Concen: 20.420 ng

RT: 21.450 min Scan# 3088

Delta R.T. 0.006 min

Lab File: BM039069.D

Acq: 21 Mar 2023 15:07

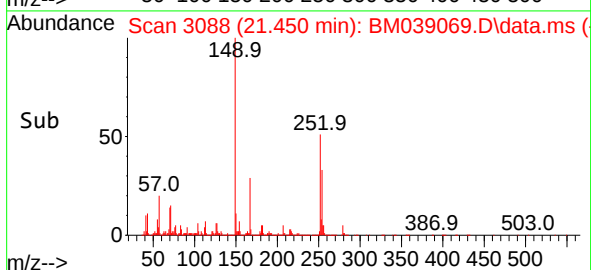
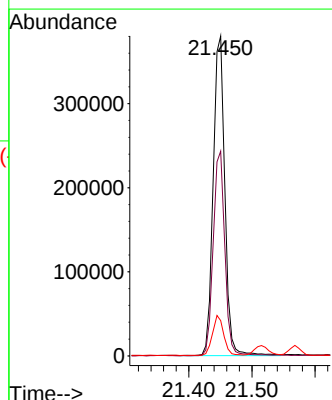
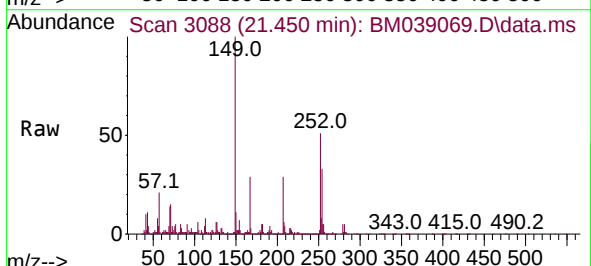
Tgt Ion:252 Resp: 487933

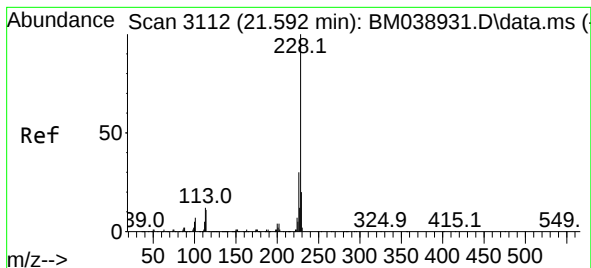
Ion Ratio Lower Upper

252 100

254 64.0 51.5 77.3

126 11.0 9.9 14.9





#83

Chrysene

Concen: 48.057 ng

RT: 21.568 min Scan# 31

Delta R.T. 0.000 min

Lab File: BM039069.D

Acq: 21 Mar 2023 15:07

Instrument :

BNA_M

ClientSampleId :

NYE-SOIL-0316MS

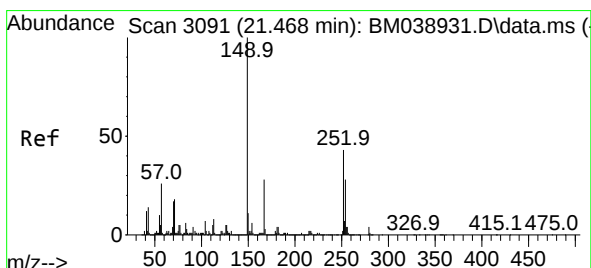
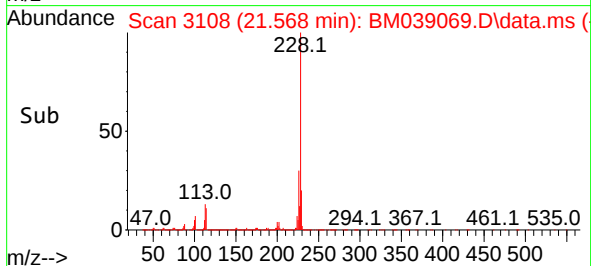
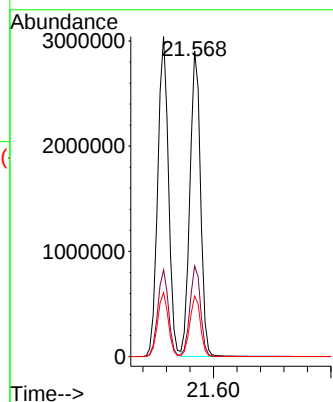
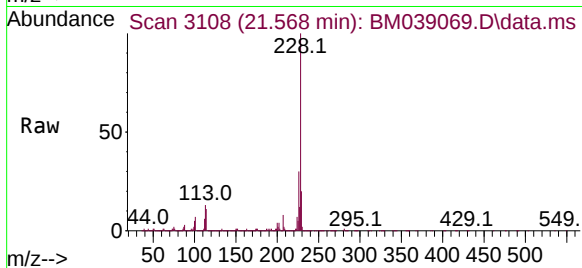
Tgt Ion:228 Resp: 3633799

Ion Ratio Lower Upper

228 100

226 29.7 24.0 36.0

229 19.8 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.451 ng

RT: 21.439 min Scan# 3086

Delta R.T. 0.000 min

Lab File: BM039069.D

Acq: 21 Mar 2023 15:07

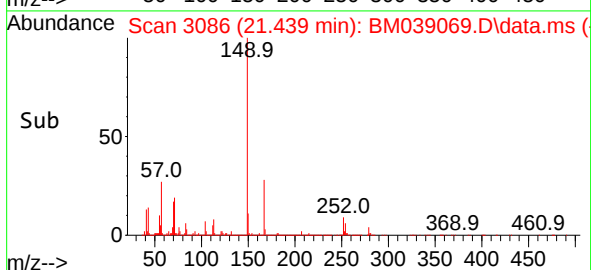
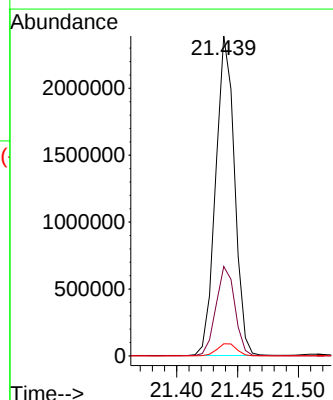
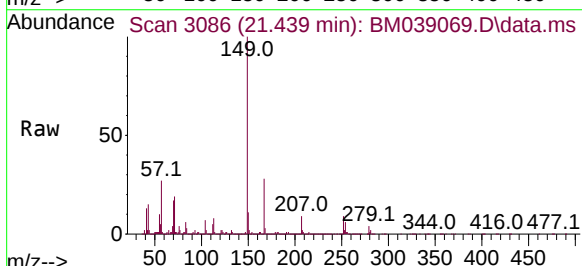
Tgt Ion:149 Resp: 2574228

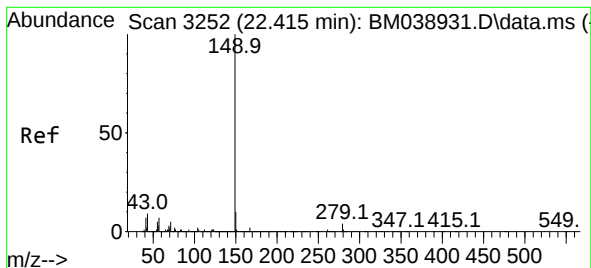
Ion Ratio Lower Upper

149 100

167 27.9 22.3 33.5

279 3.8 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 53.628 ng

RT: 22.374 min Scan# 31

Delta R.T. 0.000 min

Lab File: BM039069.D

Acq: 21 Mar 2023 15:07

Instrument :

BNA_M

ClientSampleId :

NYE-SOIL-0316MS

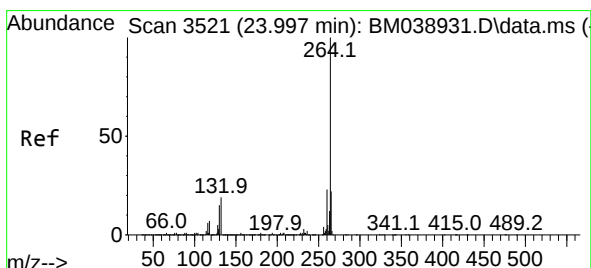
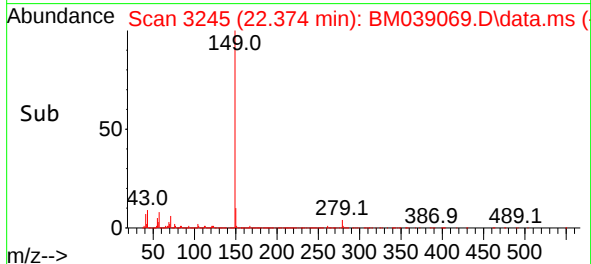
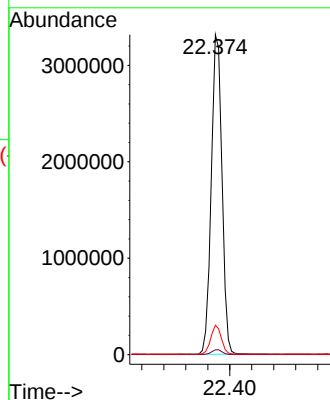
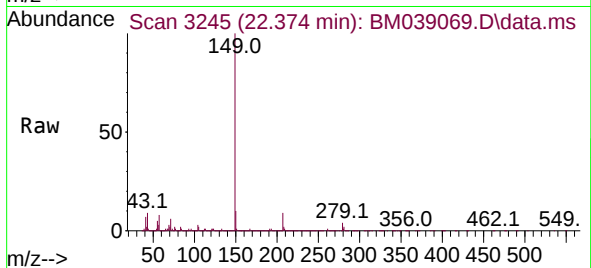
Tgt Ion:149 Resp: 4476505

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 9.0 7.4 11.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.962 min Scan# 3515

Delta R.T. 0.000 min

Lab File: BM039069.D

Acq: 21 Mar 2023 15:07

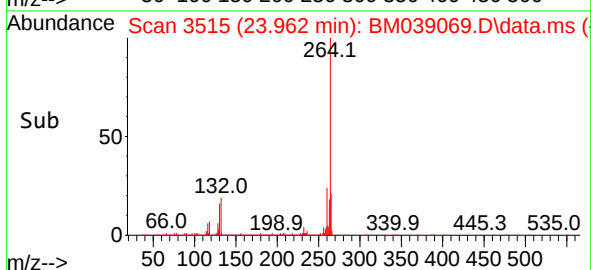
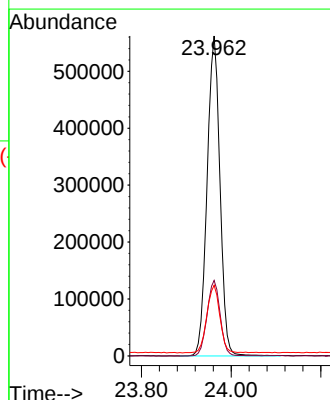
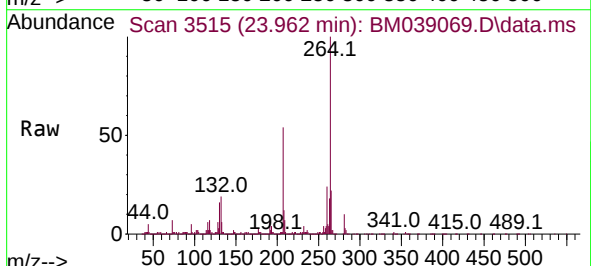
Tgt Ion:264 Resp: 1116150

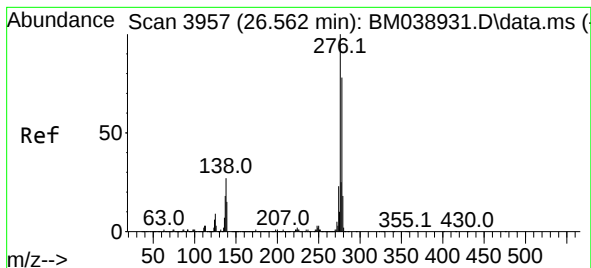
Ion Ratio Lower Upper

264 100

260 23.6 18.7 28.1

265 22.1 17.9 26.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 55.768 ng

RT: 26.497 min Scan# 3957

Delta R.T. 0.000 min

Lab File: BM039069.D

Acq: 21 Mar 2023 15:07

Instrument :

BNA_M

ClientSampleId :

NYE-SOIL-0316MS

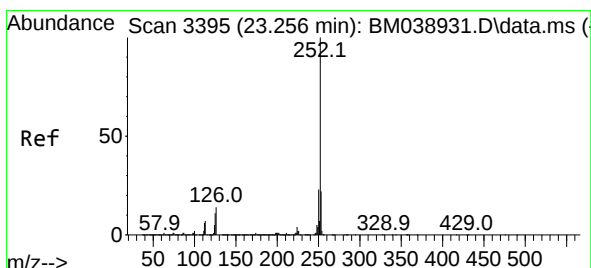
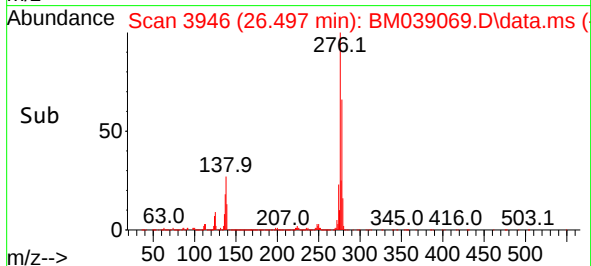
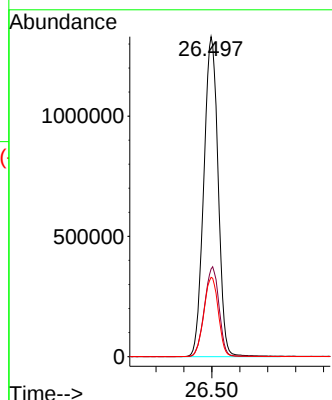
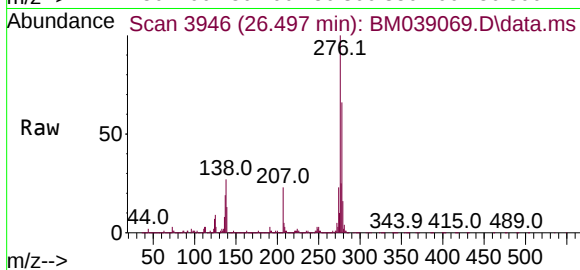
Tgt Ion:276 Resp: 4736444

Ion Ratio Lower Upper

276 100

138 28.4 22.1 33.1

277 25.1 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 56.220 ng

RT: 23.221 min Scan# 3389

Delta R.T. 0.000 min

Lab File: BM039069.D

Acq: 21 Mar 2023 15:07

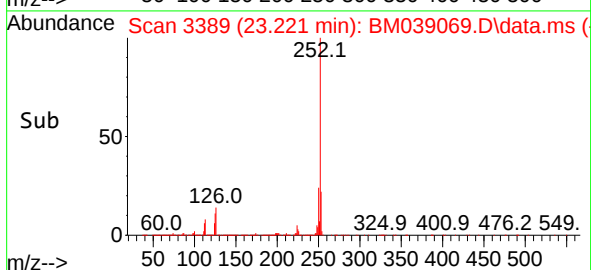
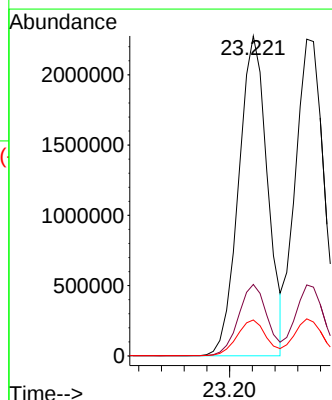
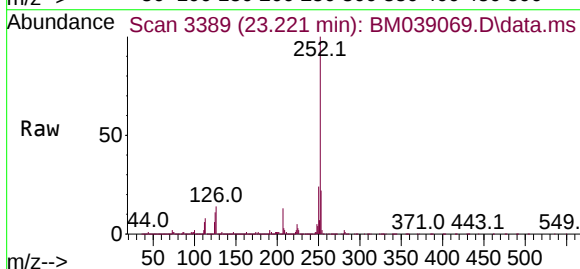
Tgt Ion:252 Resp: 4008905

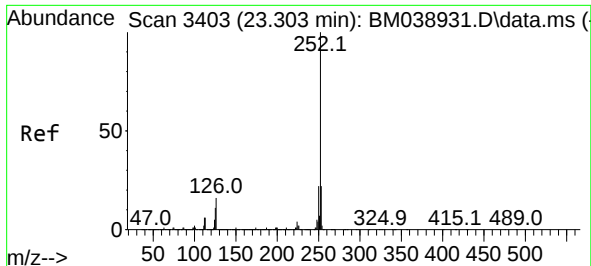
Ion Ratio Lower Upper

252 100

253 22.3 17.6 26.4

125 11.2 8.8 13.2

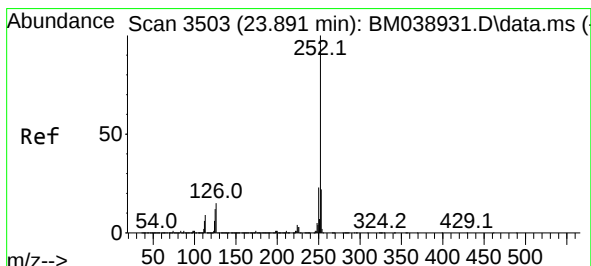
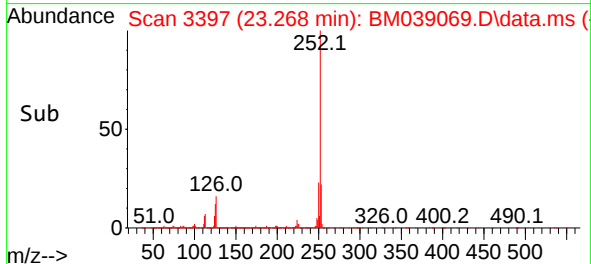
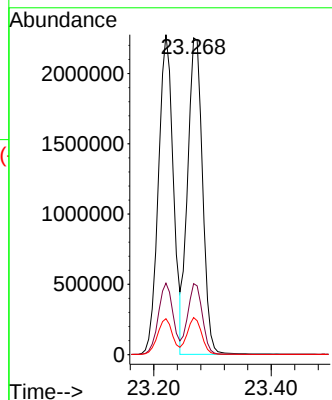
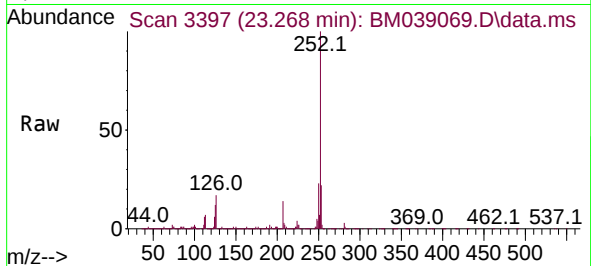




#89
Benzo(k)fluoranthene
Concen: 53.351 ng
RT: 23.268 min Scan# 3403
Delta R.T. 0.000 min
Lab File: BM039069.D
Acq: 21 Mar 2023 15:07

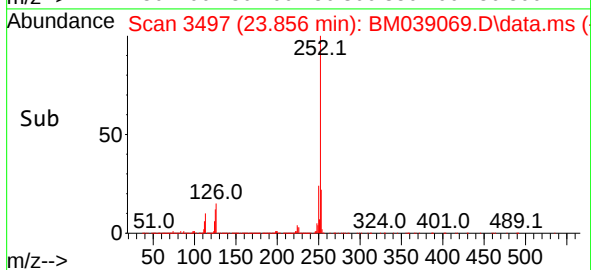
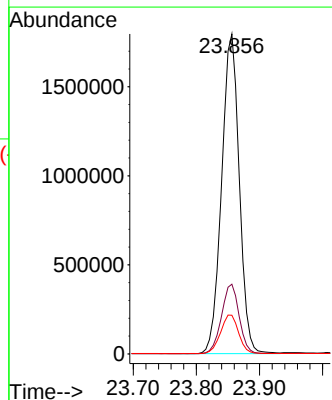
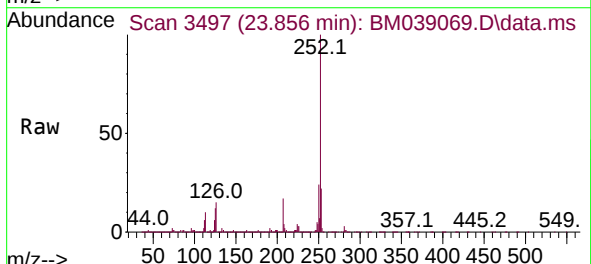
Instrument :
BNA_M
ClientSampleId :
NYE-SOIL-0316MS

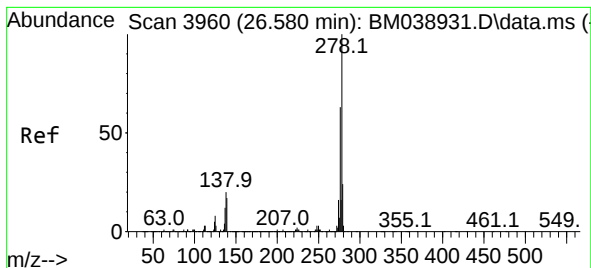
Tgt Ion:252 Resp: 3959144
Ion Ratio Lower Upper
252 100
253 22.4 17.5 26.3
125 11.7 8.9 13.3



#90
Benzo(a)pyrene
Concen: 50.769 ng
RT: 23.856 min Scan# 3497
Delta R.T. 0.000 min
Lab File: BM039069.D
Acq: 21 Mar 2023 15:07

Tgt Ion:252 Resp: 3484117
Ion Ratio Lower Upper
252 100
253 21.8 17.6 26.4
125 12.1 9.8 14.8





#91

Dibenzo(a,h)anthracene

Concen: 55.846 ng

RT: 26.515 min Scan# 39

Delta R.T. 0.006 min

Lab File: BM039069.D

Acq: 21 Mar 2023 15:07

Instrument :

BNA_M

ClientSampleId :

NYE-SOIL-0316MS

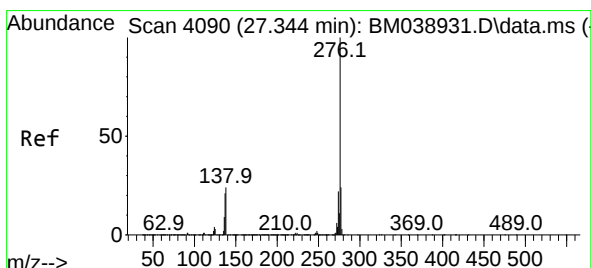
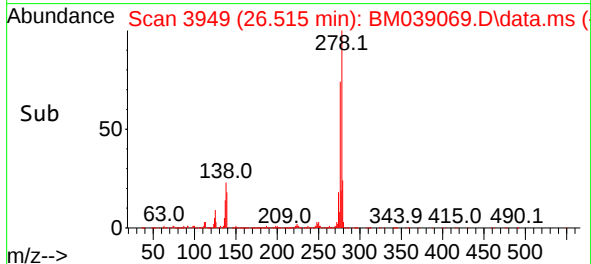
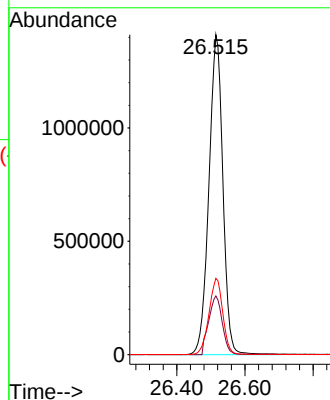
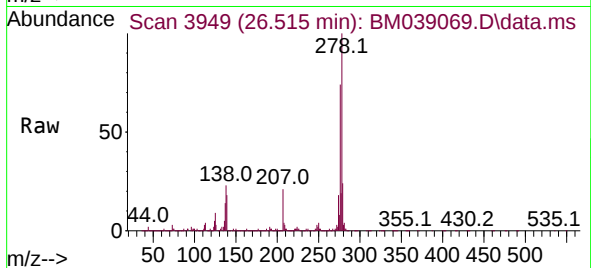
Tgt Ion:278 Resp: 4016791

Ion Ratio Lower Upper

278 100

139 18.3 13.7 20.5

279 23.8 18.9 28.3



#92

Benzo(g,h,i)perylene

Concen: 55.138 ng

RT: 27.279 min Scan# 4079

Delta R.T. 0.006 min

Lab File: BM039069.D

Acq: 21 Mar 2023 15:07

Tgt Ion:276 Resp: 3880055

Ion Ratio Lower Upper

276 100

277 23.8 19.3 28.9

138 24.3 19.0 28.6

