

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032123\
 Data File : BM039070.D
 Acq On : 21 Mar 2023 15:45
 Operator : CG/JU
 Sample : 01963-02MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 NYE-SOIL-0316MSD

Quant Time: Mar 22 03:41:01 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	279936	20.000	ng	0.00
21) Naphthalene-d8	10.781	136	1058240	20.000	ng	0.00
39) Acenaphthene-d10	14.610	164	571391	20.000	ng	0.00
64) Phenanthrene-d10	17.351	188	1113957	20.000	ng	0.00
76) Chrysene-d12	21.533	240	1020493	20.000	ng	0.00
86) Perylene-d12	23.962	264	1030659	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	2664876	144.630	ng	0.00
7) Phenol-d6	7.134	99	3101595	129.596	ng	0.00
23) Nitrobenzene-d5	9.140	82	2118095	98.317	ng	0.00
42) 2,4,6-Tribromophenol	16.098	330	1010783	152.915	ng	0.00
45) 2-Fluorobiphenyl	13.239	172	4116845	93.794	ng	0.00
79) Terphenyl-d14	19.974	244	5576676	99.913	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.405	88	351153	42.839	ng	# 45
3) Pyridine	3.811	79	752884	33.118	ng	99
4) n-Nitrosodimethylamine	3.711	42	420144	45.416	ng	98
6) Aniline	7.299	93	576423	18.343	ng	100
8) 2-Chlorophenol	7.534	128	968120	49.353	ng	98
9) Benzaldehyde	7.104	77	263670	23.152	ng	97
10) Phenol	7.157	94	1137913	44.773	ng	98
11) bis(2-Chloroethyl)ether	7.393	93	989875	47.905	ng	100
12) 1,3-Dichlorobenzene	7.857	146	1032147	49.512	ng	98
13) 1,4-Dichlorobenzene	8.004	146	1048940	49.475	ng	100
14) 1,2-Dichlorobenzene	8.322	146	1016636	49.780	ng	99
15) Benzyl Alcohol	8.210	79	806933	47.040	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.498	45	1274920	48.854	ng	99
17) 2-Methylphenol	8.416	107	789897	45.243	ng	99
18) Hexachloroethane	9.057	117	395095	50.508	ng	97
19) n-Nitroso-di-n-propyla...	8.787	70	732291	48.578	ng	99
20) 3+4-Methylphenols	8.745	107	1054463	45.233	ng	100
22) Acetophenone	8.798	105	1483525	49.967	ng	# 98
24) Nitrobenzene	9.181	77	1089145	48.099	ng	98
25) Isophorone	9.710	82	1955978	49.338	ng	99
26) 2-Nitrophenol	9.892	139	499309	49.819	ng	98
27) 2,4-Dimethylphenol	9.951	122	874625	50.632	ng	99
28) bis(2-Chloroethoxy)met...	10.192	93	1212599	47.603	ng	100
29) 2,4-Dichlorophenol	10.428	162	836791	51.095	ng	99
30) 1,2,4-Trichlorobenzene	10.645	180	882863	49.331	ng	99
31) Naphthalene	10.834	128	2875627	47.655	ng	99
32) Benzoic acid	10.081	122	607362	47.931	ng	99
33) 4-Chloroaniline	10.945	127	191255	7.437	ng	98
34) Hexachlorobutadiene	11.116	225	495606	48.291	ng	98
35) Caprolactam	11.734	113	229587	46.060	ng	100
36) 4-Chloro-3-methylphenol	12.063	107	871933	49.998	ng	99
37) 2-Methylnaphthalene	12.439	142	1873602	46.325	ng	99
38) 1-Methylnaphthalene	12.657	142	1761436	46.473	ng	100
40) 1,2,4,5-Tetrachloroben...	12.804	216	922381	49.655	ng	99
41) Hexachlorocyclopentadiene	12.786	237	1272800	124.829	ng	98
43) 2,4,6-Trichlorophenol	13.045	196	616819	51.279	ng	99

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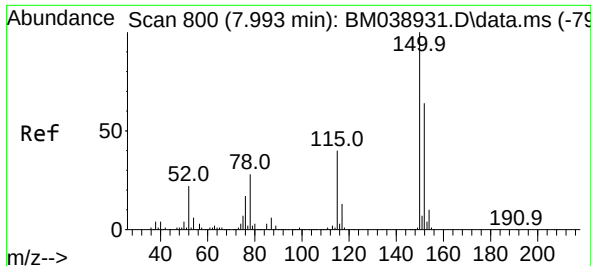
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.116	196	667783	47.429	ng	97
46) 1,1'-Biphenyl	13.445	154	2409931	49.785	ng	99
47) 2-Chloronaphthalene	13.486	162	1828629	50.097	ng	100
48) 2-Nitroaniline	13.692	65	566369	48.440	ng	96
49) Acenaphthylene	14.333	152	2839014	48.828	ng	100
50) Dimethylphthalate	14.069	163	2168439	49.319	ng	100
51) 2,6-Dinitrotoluene	14.186	165	472060	48.521	ng	100
52) Acenaphthene	14.675	154	1728771	48.381	ng	98
53) 3-Nitroaniline	14.516	138	280502	25.449	ng	96
54) 2,4-Dinitrophenol	14.716	184	633061	111.112	ng	95
55) Dibenzofuran	15.010	168	2672854	47.801	ng	100
56) 4-Nitrophenol	14.822	139	914809	104.763	ng	97
57) 2,4-Dinitrotoluene	14.969	165	641561	50.043	ng	98
58) Fluorene	15.657	166	2138885	48.832	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.233	232	553257	50.952	ng	99
60) Diethylphthalate	15.427	149	2146869	50.182	ng	99
61) 4-Chlorophenyl-phenyle...	15.651	204	1020974	47.448	ng	99
62) 4-Nitroaniline	15.674	138	486926	42.301	ng	100
63) Azobenzene	15.939	77	2217149	48.979	ng	99
65) 4,6-Dinitro-2-methylph...	15.727	198	372537	50.582	ng	100
66) n-Nitrosodiphenylamine	15.863	169	1561250	41.574	ng	100
67) 4-Bromophenyl-phenylether	16.545	248	592980	49.284	ng	99
68) Hexachlorobenzene	16.657	284	674198	50.124	ng	99
69) Atrazine	16.816	200	277685	27.071	ng	98
70) Pentachlorophenol	16.998	266	926933	93.697	ng	100
71) Phenanthrene	17.392	178	3198110	48.917	ng	100
72) Anthracene	17.486	178	3240889	49.707	ng	99
73) Carbazole	17.757	167	2520999	42.366	ng	100
74) Di-n-butylphthalate	18.321	149	3618871	49.793	ng	99
75) Fluoranthene	19.410	202	3499811	50.700	ng	99
77) Benzidine	19.592	184	655555	30.195	ng	98
78) Pyrene	19.768	202	3706555	48.359	ng	100
80) Butylbenzylphthalate	20.662	149	1654219	50.567	ng	98
81) Benzo(a)anthracene	21.515	228	3666480	49.890	ng	99
82) 3,3'-Dichlorobenzidine	21.451	252	465299	20.601	ng	99
83) Chrysene	21.568	228	3416058	47.793	ng	100
84) Bis(2-ethylhexyl)phtha...	21.439	149	2414111	51.064	ng	100
85) Di-n-octyl phthalate	22.380	149	4250456	53.852	ng	99
87) Indeno(1,2,3-cd)pyrene	26.497	276	4530228	57.765	ng	99
88) Benzo(b)fluoranthene	23.221	252	3806492	57.810	ng	100
89) Benzo(k)fluoranthene	23.274	252	3823268	55.794	ng	100
90) Benzo(a)pyrene	23.856	252	3309001	52.216	ng	99
91) Dibenzo(a,h)anthracene	26.521	278	3891534	58.593	ng	99
92) Benzo(g,h,i)perylene	27.280	276	3691014	56.803	ng	98

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

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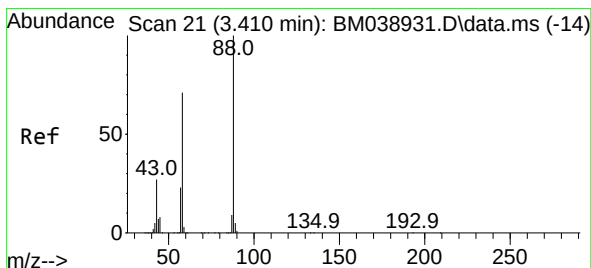
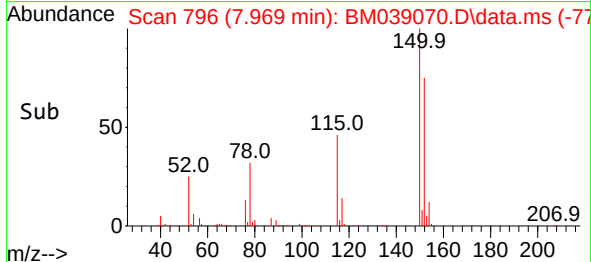
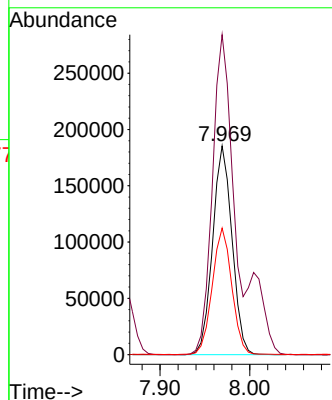
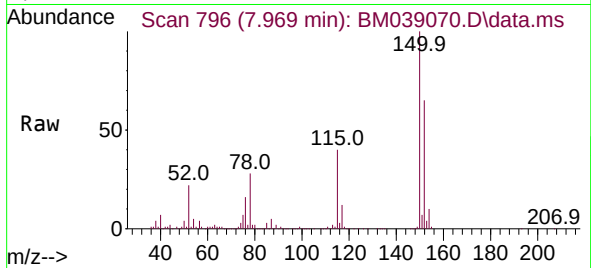




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.969 min Scan# 79
Delta R.T. 0.000 min
Lab File: BM039070.D
Acq: 21 Mar 2023 15:45

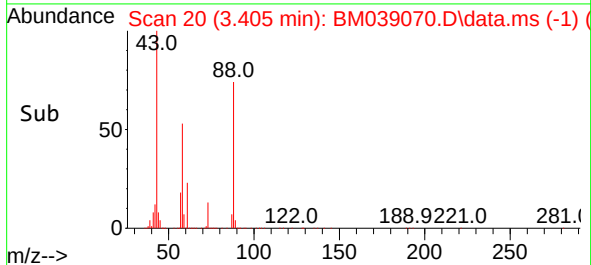
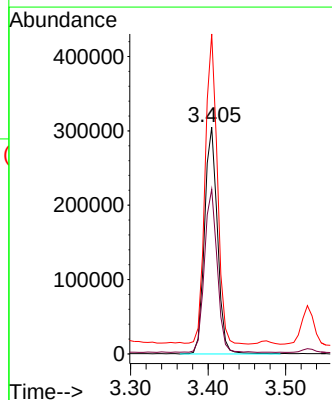
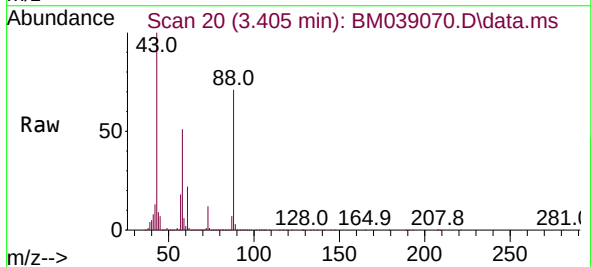
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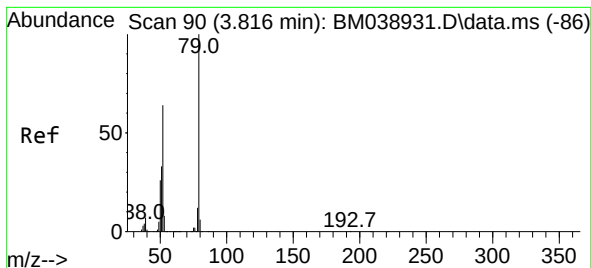
Tgt Ion:152 Resp: 279936
Ion Ratio Lower Upper
152 100
150 153.3 125.1 187.7
115 60.6 49.6 74.4



#2
1,4-Dioxane
Concen: 42.839 ng
RT: 3.405 min Scan# 20
Delta R.T. 0.012 min
Lab File: BM039070.D
Acq: 21 Mar 2023 15:45

Tgt Ion: 88 Resp: 351153
Ion Ratio Lower Upper
88 100
58 71.2 57.2 85.8
43 129.4 22.0 33.0#





#3

Pyridine

Concen: 33.118 ng

RT: 3.811 min Scan# 89

Delta R.T. 0.012 min

Lab File: BM039070.D

Acq: 21 Mar 2023 15:45

Instrument :

BNA_M

ClientSampleId :

NYE-SOIL-0316MSD

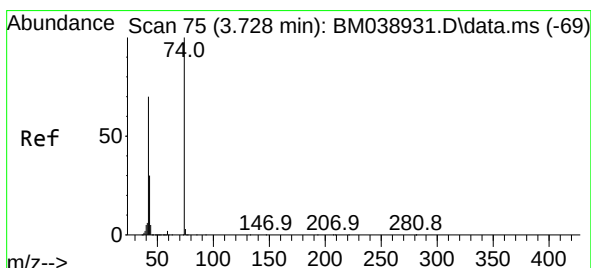
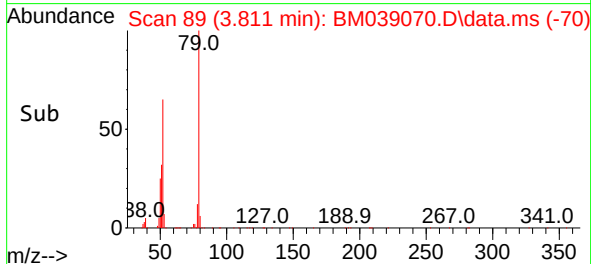
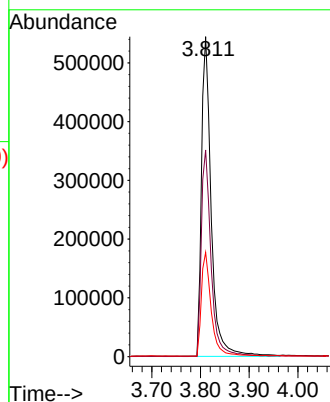
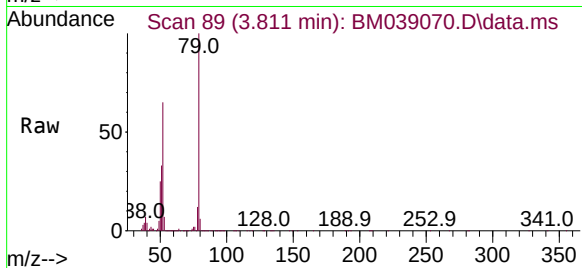
Tgt Ion: 79 Resp: 752884

Ion Ratio Lower Upper

79 100

52 64.6 51.4 77.2

51 32.6 26.6 40.0



#4

n-Nitrosodimethylamine

Concen: 45.416 ng

RT: 3.711 min Scan# 72

Delta R.T. 0.000 min

Lab File: BM039070.D

Acq: 21 Mar 2023 15:45

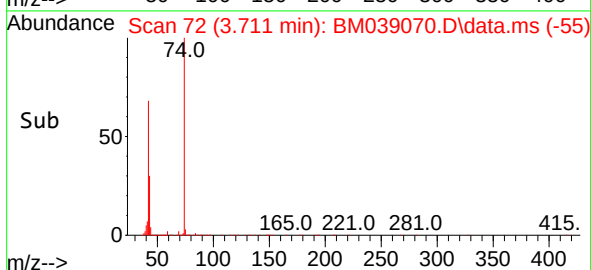
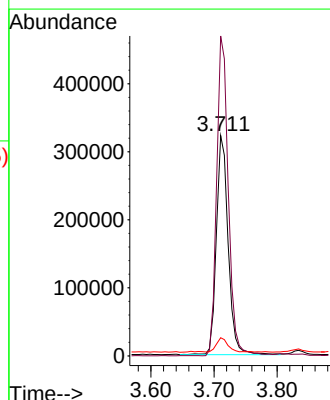
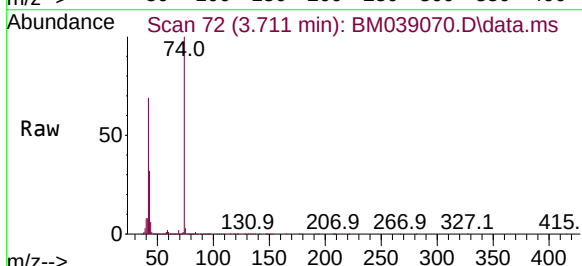
Tgt Ion: 42 Resp: 420144

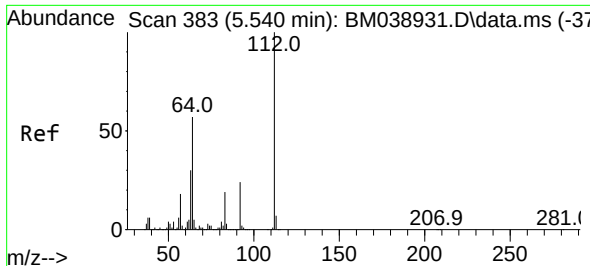
Ion Ratio Lower Upper

42 100

74 145.3 113.8 170.8

44 8.2 6.2 9.2

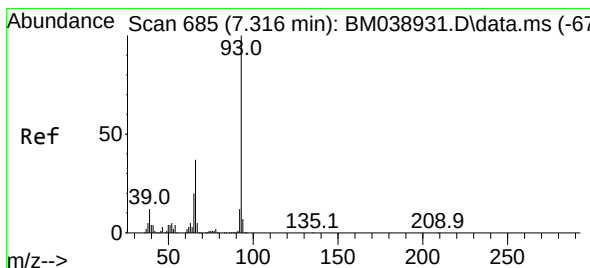
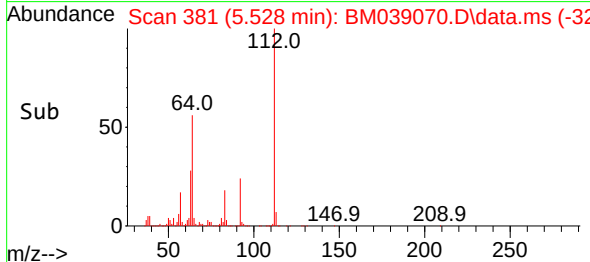
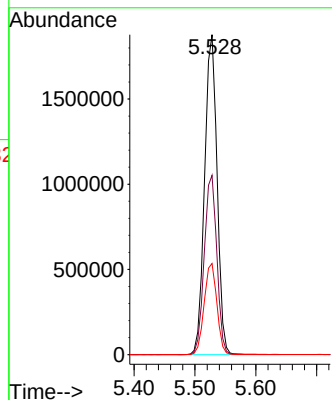
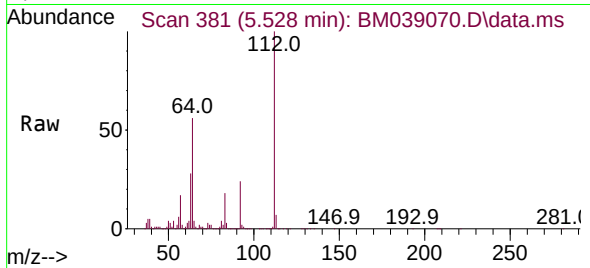




#5
2-Fluorophenol
Concen: 144.630 ng
RT: 5.528 min Scan# 381
Delta R.T. 0.006 min
Lab File: BM039070.D
Acq: 21 Mar 2023 15:45

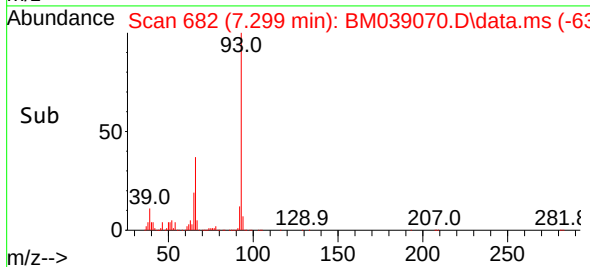
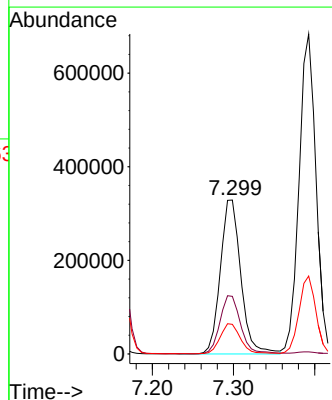
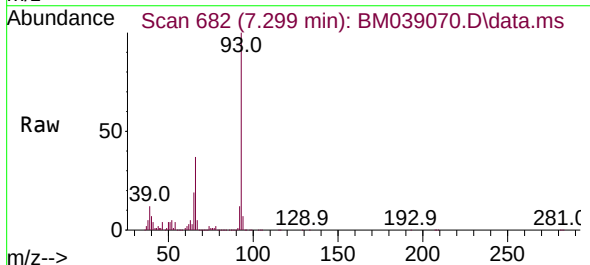
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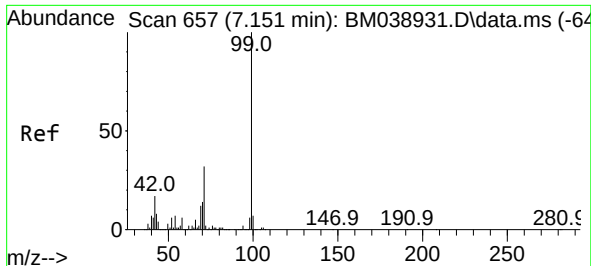
Tgt Ion:112 Resp: 2664876
Ion Ratio Lower Upper
112 100
64 56.0 45.9 68.9
63 28.5 23.8 35.8



#6
Aniline
Concen: 18.343 ng
RT: 7.299 min Scan# 682
Delta R.T. 0.006 min
Lab File: BM039070.D
Acq: 21 Mar 2023 15:45

Tgt Ion: 93 Resp: 576423
Ion Ratio Lower Upper
93 100
66 37.4 30.0 45.0
65 19.2 15.8 23.6

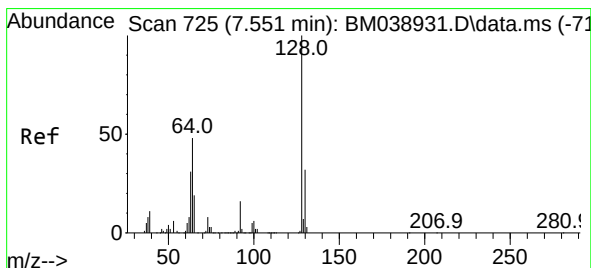
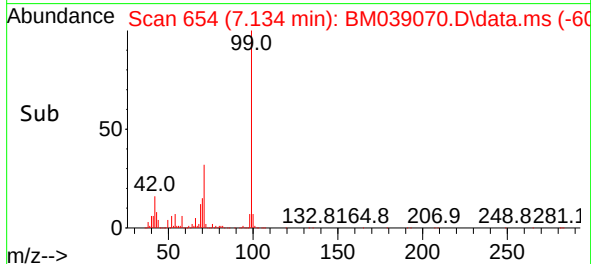
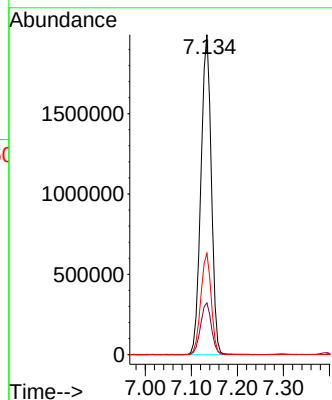
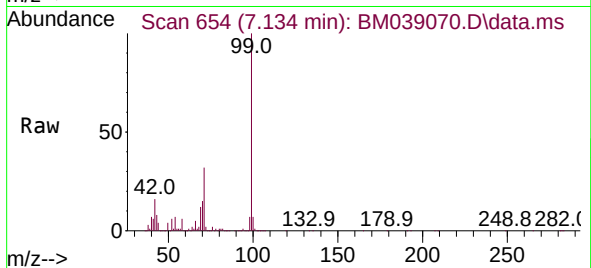




#7
Phenol-d6
Concen: 129.596 ng
RT: 7.134 min Scan# 61
Delta R.T. 0.006 min
Lab File: BM039070.D
Acq: 21 Mar 2023 15:45

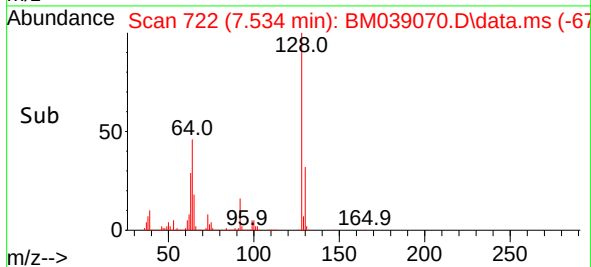
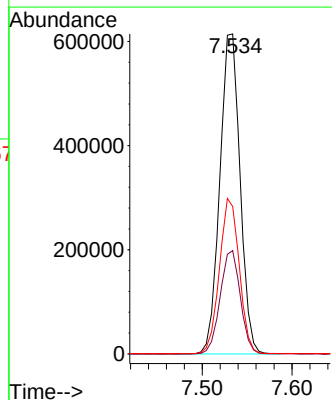
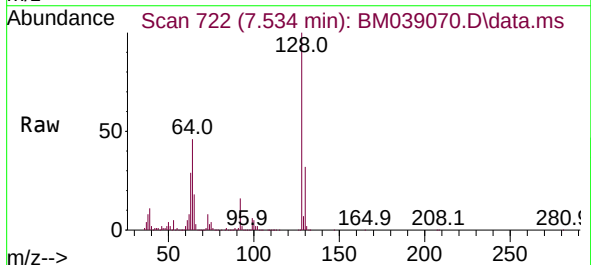
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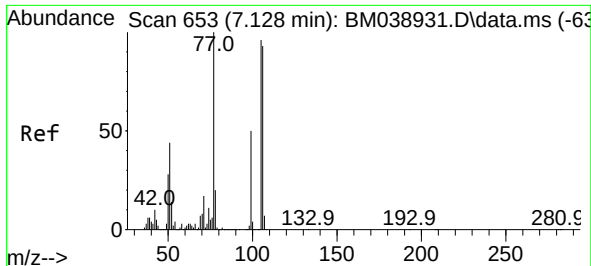
Tgt Ion: 99 Resp: 3101595
Ion Ratio Lower Upper
99 100
42 16.2 13.5 20.3
71 31.6 25.6 38.4



#8
2-Chlorophenol
Concen: 49.353 ng
RT: 7.534 min Scan# 722
Delta R.T. 0.006 min
Lab File: BM039070.D
Acq: 21 Mar 2023 15:45

Tgt Ion: 128 Resp: 968120
Ion Ratio Lower Upper
128 100
130 32.3 11.9 51.9
64 46.1 28.6 68.6

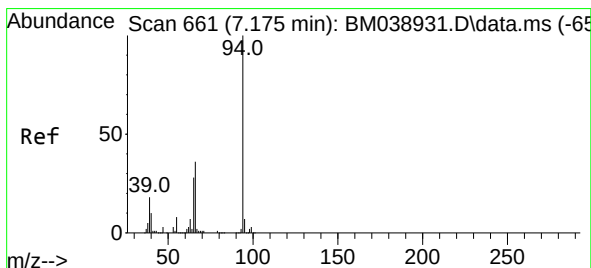
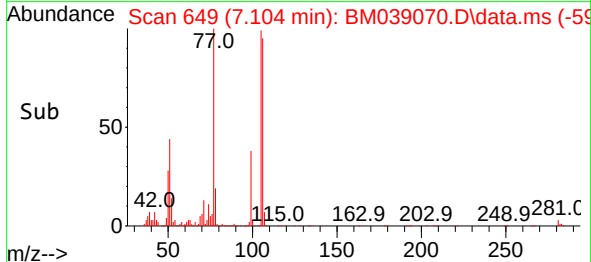
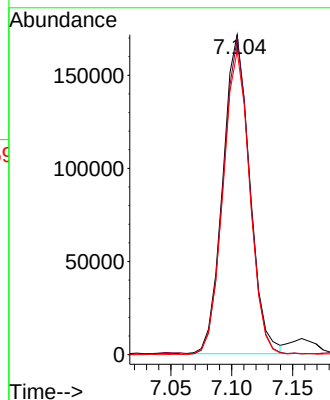
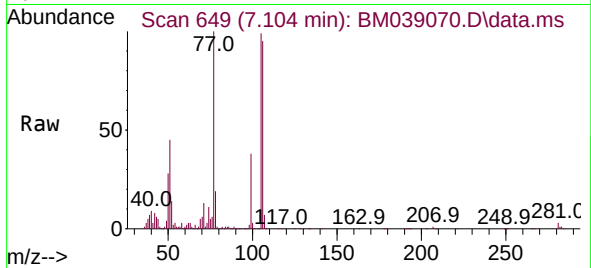




#9
Benzaldehyde
Concen: 23.152 ng
RT: 7.104 min Scan# 64
Delta R.T. 0.000 min
Lab File: BM039070.D
Acq: 21 Mar 2023 15:45

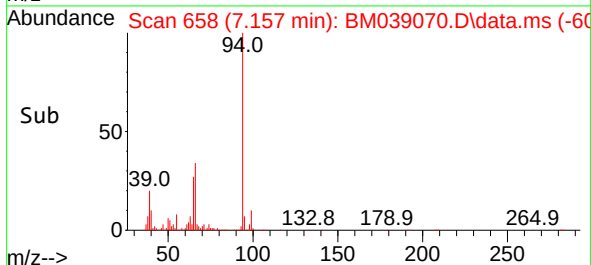
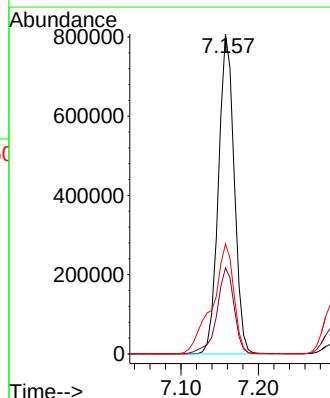
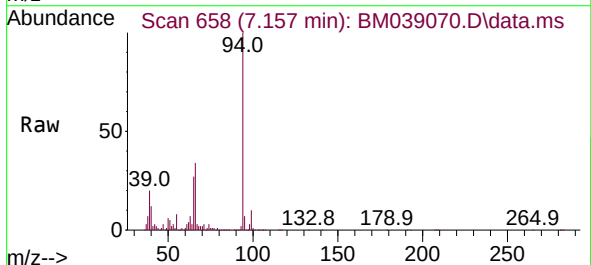
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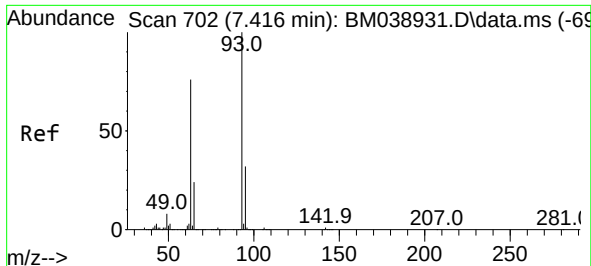
Tgt Ion: 77 Resp: 263670
Ion Ratio Lower Upper
77 100
105 98.7 75.8 115.8
106 94.9 72.6 112.6



#10
Phenol
Concen: 44.773 ng
RT: 7.157 min Scan# 658
Delta R.T. 0.000 min
Lab File: BM039070.D
Acq: 21 Mar 2023 15:45

Tgt Ion: 94 Resp: 1137913
Ion Ratio Lower Upper
94 100
65 26.9 7.9 47.9
66 34.4 15.8 55.8

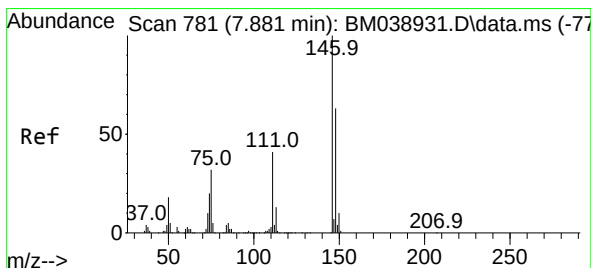
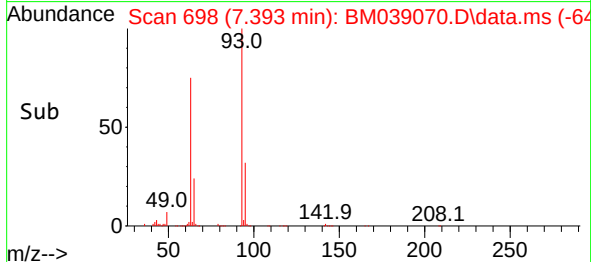
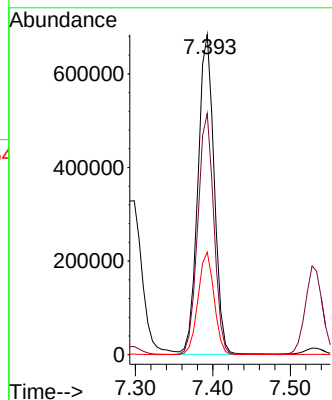
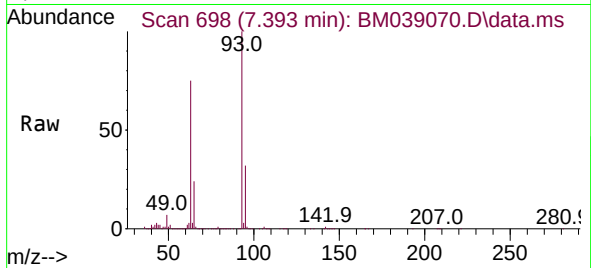




#11
bis(2-Chloroethyl)ether
Concen: 47.905 ng
RT: 7.393 min Scan# 698
Delta R.T. 0.000 min
Lab File: BM039070.D
Acq: 21 Mar 2023 15:45

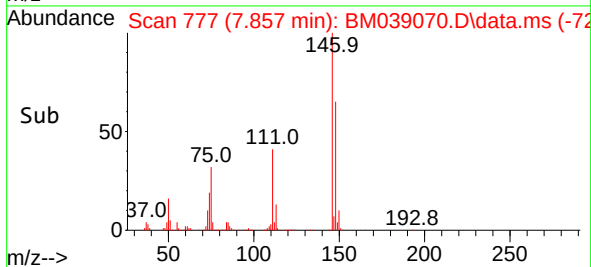
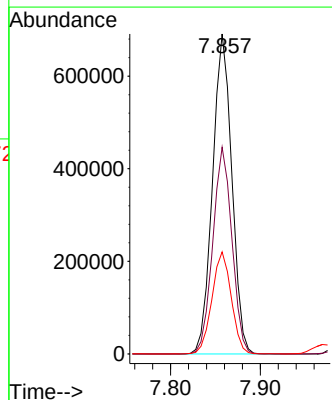
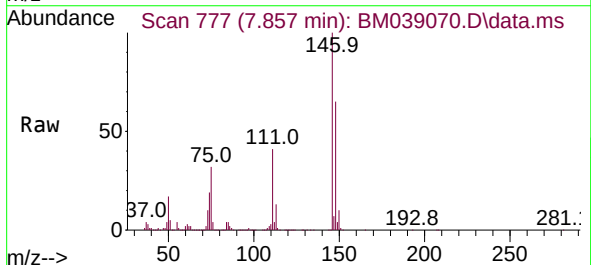
Instrument :
BNA_M
ClientSampleId :
NYE-SOIL-0316MSD

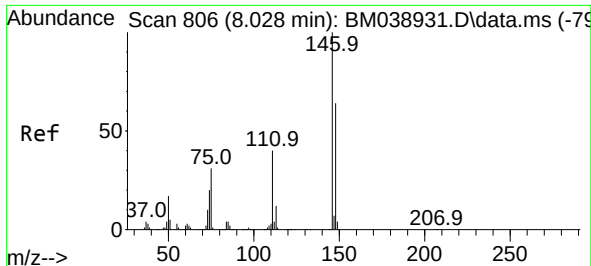
Tgt Ion: 93 Resp: 989875
Ion Ratio Lower Upper
93 100
63 75.4 55.8 95.8
95 32.0 12.2 52.2



#12
1,3-Dichlorobenzene
Concen: 49.512 ng
RT: 7.857 min Scan# 777
Delta R.T. 0.000 min
Lab File: BM039070.D
Acq: 21 Mar 2023 15:45

Tgt Ion: 146 Resp: 1032147
Ion Ratio Lower Upper
146 100
148 64.6 50.6 75.8
75 31.9 26.0 39.0

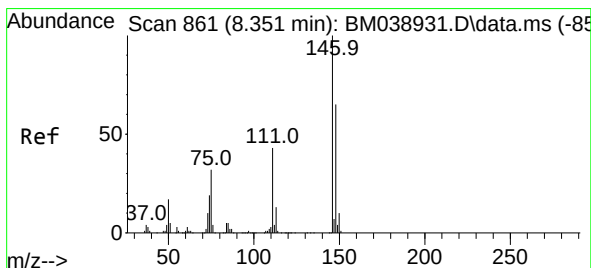
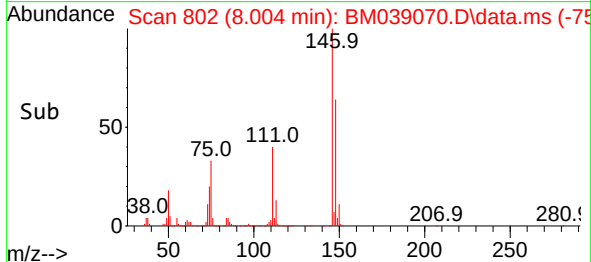
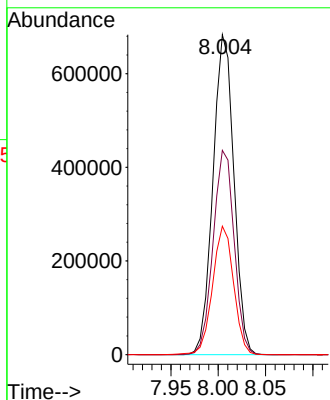
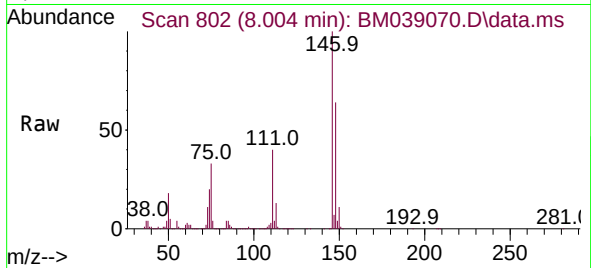




#13
1,4-Dichlorobenzene
Concen: 49.475 ng
RT: 8.004 min Scan# 80
Delta R.T. 0.000 min
Lab File: BM039070.D
Acq: 21 Mar 2023 15:45

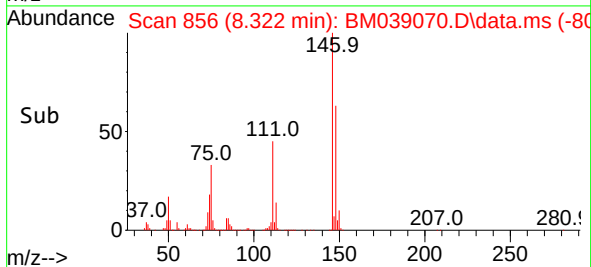
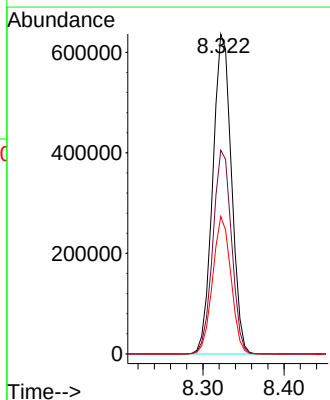
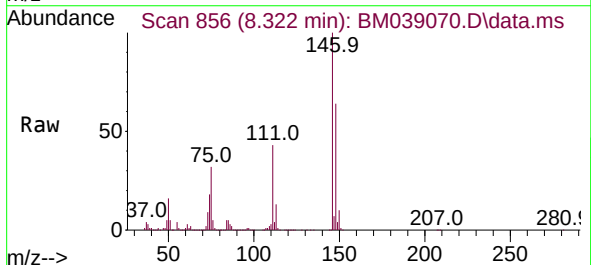
Instrument :
BNA_M
ClientSampleId :
NYE-SOIL-0316MSD

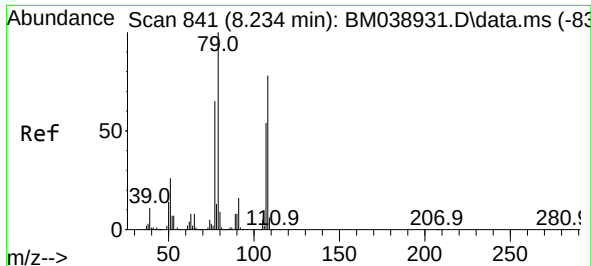
Tgt Ion:146 Resp: 1048940
Ion Ratio Lower Upper
146 100
148 63.8 51.0 76.4
111 40.1 32.2 48.4



#14
1,2-Dichlorobenzene
Concen: 49.780 ng
RT: 8.322 min Scan# 856
Delta R.T. 0.000 min
Lab File: BM039070.D
Acq: 21 Mar 2023 15:45

Tgt Ion:146 Resp: 1016636
Ion Ratio Lower Upper
146 100
148 63.6 51.7 77.5
111 42.9 34.2 51.4

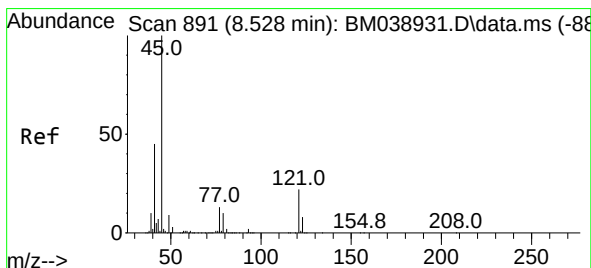
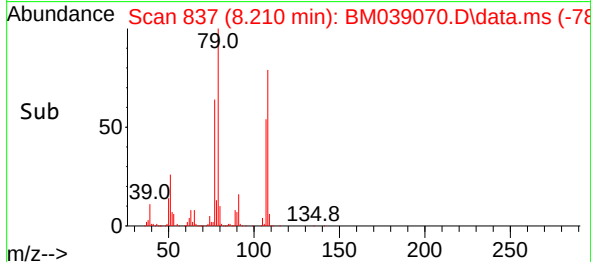
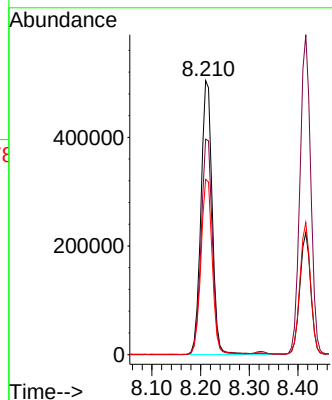
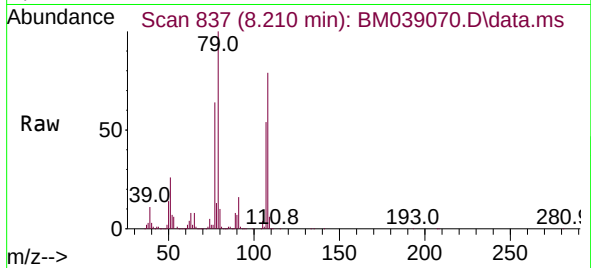




#15
Benzyl Alcohol
Concen: 47.040 ng
RT: 8.210 min Scan# 841
Delta R.T. 0.000 min
Lab File: BM039070.D
Acq: 21 Mar 2023 15:45

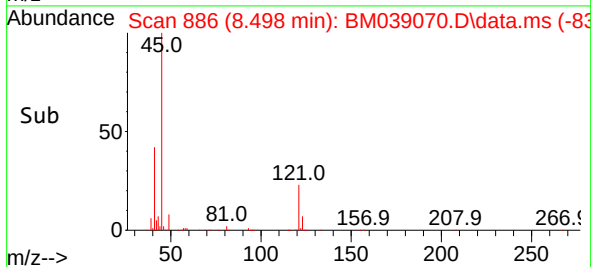
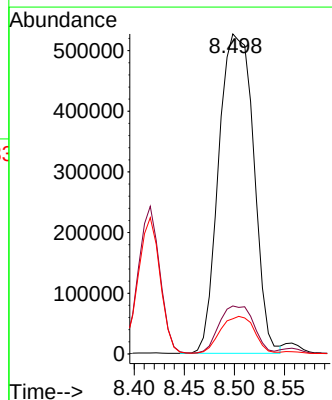
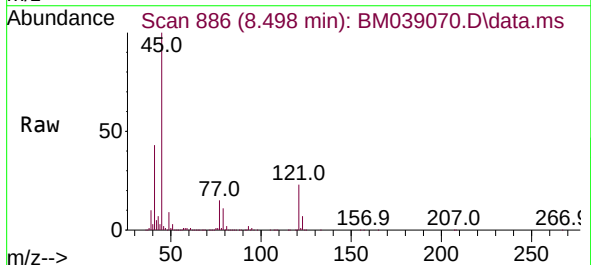
Instrument :
BNA_M
ClientSampleId :
NYE-SOIL-0316MSD

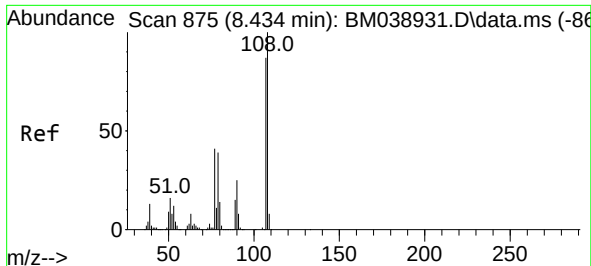
Tgt Ion: 79 Resp: 806933
Ion Ratio Lower Upper
79 100
108 78.6 62.4 93.6
77 64.0 52.2 78.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.854 ng
RT: 8.498 min Scan# 886
Delta R.T. 0.000 min
Lab File: BM039070.D
Acq: 21 Mar 2023 15:45

Tgt Ion: 45 Resp: 1274920
Ion Ratio Lower Upper
45 100
77 15.0 0.0 34.8
79 11.0 0.0 31.5



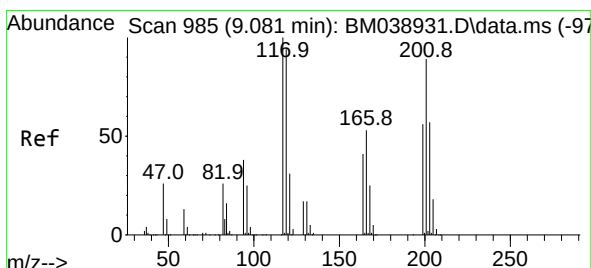
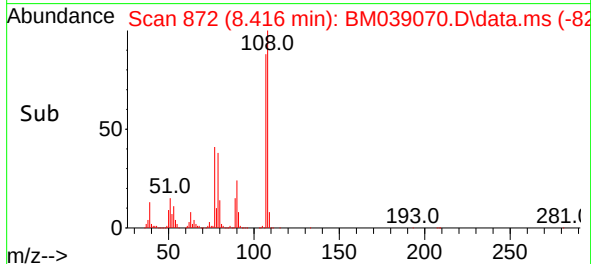
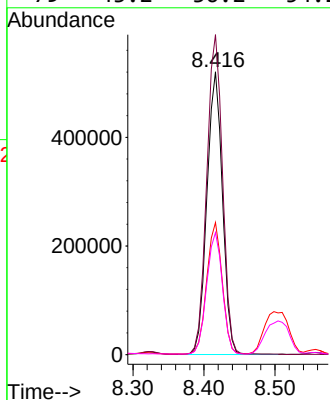
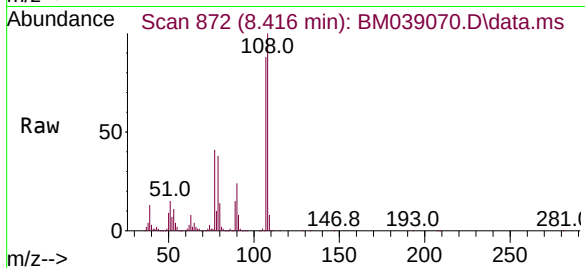


#17
2-Methylphenol
Concen: 45.243 ng
RT: 8.416 min Scan# 81
Delta R.T. 0.006 min
Lab File: BM039070.D
Acq: 21 Mar 2023 15:45

Instrument :
BNA_M
ClientSampleId :
NYE-SOIL-0316MSD

Tgt Ion:107 Resp: 789897

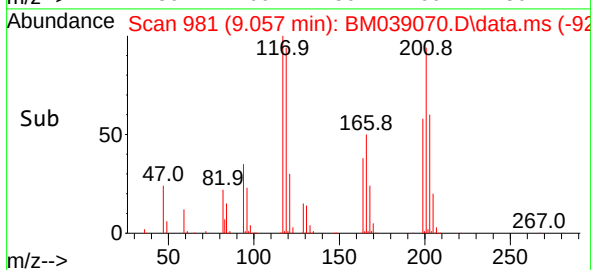
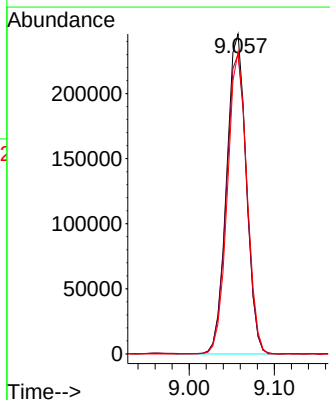
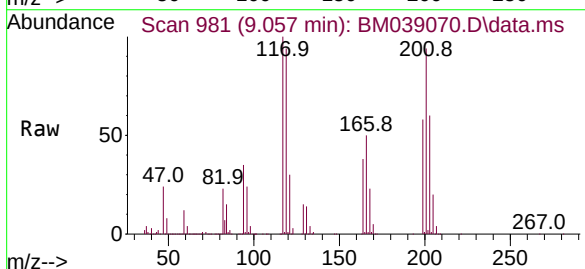
Ion	Ratio	Lower	Upper
107	100		
108	113.2	91.7	137.5
77	46.7	37.4	56.2
79	43.2	36.2	54.2

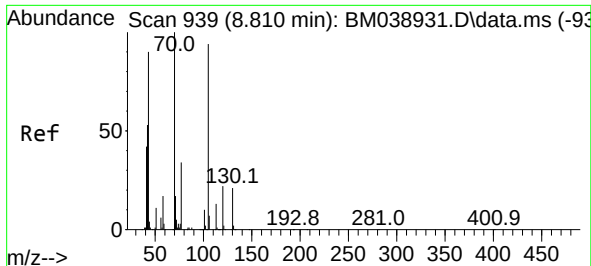


#18
Hexachloroethane
Concen: 50.508 ng
RT: 9.057 min Scan# 981
Delta R.T. 0.006 min
Lab File: BM039070.D
Acq: 21 Mar 2023 15:45

Tgt Ion:117 Resp: 395095

Ion	Ratio	Lower	Upper
117	100		
119	93.6	75.4	113.0
201	94.4	71.3	106.9

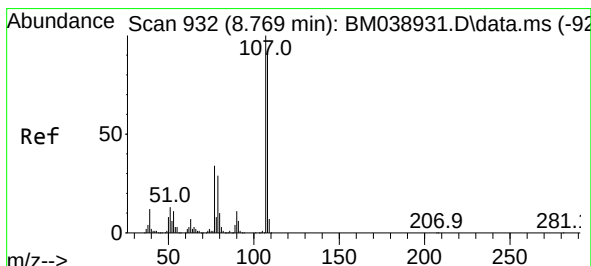
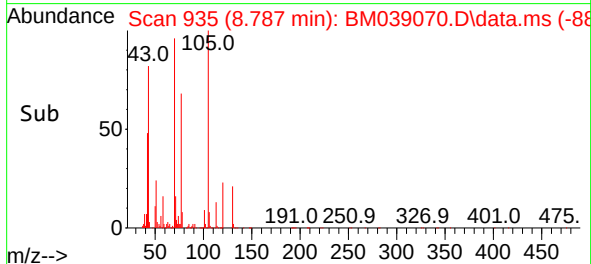
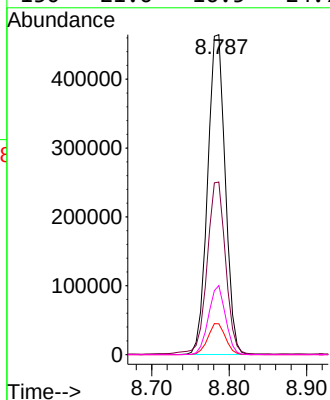
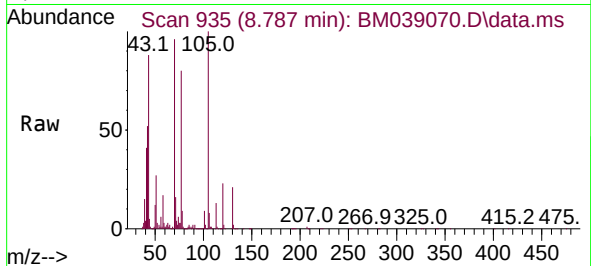




#19
n-Nitroso-di-n-propylamine
Concen: 48.578 ng
RT: 8.787 min Scan# 931
Delta R.T. 0.000 min
Lab File: BM039070.D
Acq: 21 Mar 2023 15:45

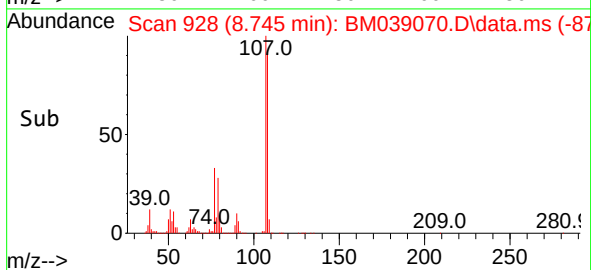
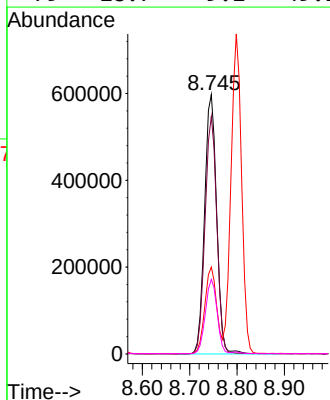
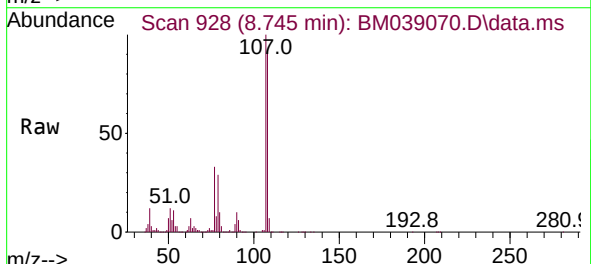
Instrument :
BNA_M
ClientSampleId :
NYE-SOIL-0316MSD

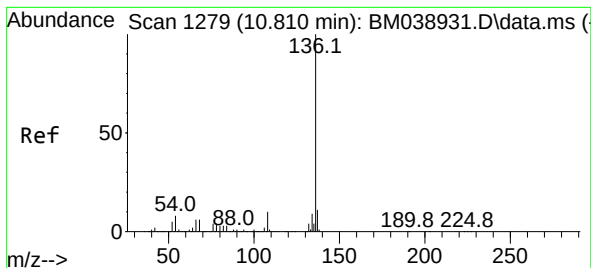
Tgt Ion:	70	Resp:	732291
Ion	Ratio	Lower	Upper
70	100		
42	53.9	43.4	65.2
101	9.6	7.6	11.4
130	21.6	16.5	24.7



#20
3+4-Methylphenols
Concen: 45.233 ng
RT: 8.745 min Scan# 928
Delta R.T. 0.000 min
Lab File: BM039070.D
Acq: 21 Mar 2023 15:45

Tgt Ion:	107	Resp:	1054463
Ion	Ratio	Lower	Upper
107	100		
108	91.6	71.8	111.8
77	33.5	13.6	53.6
79	28.7	9.2	49.2

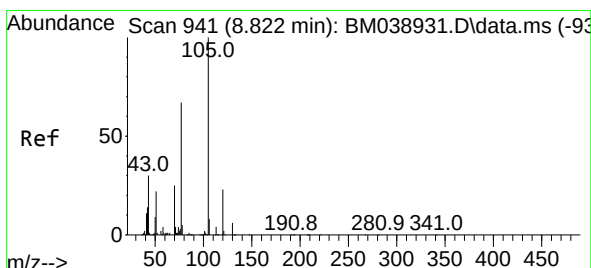
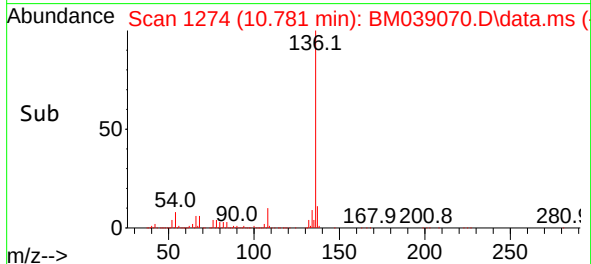
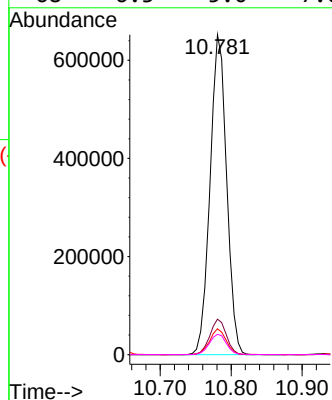
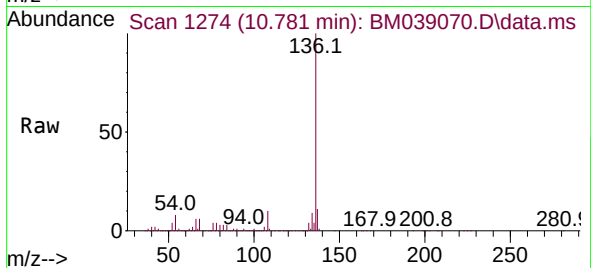




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.781 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM039070.D
Acq: 21 Mar 2023 15:45

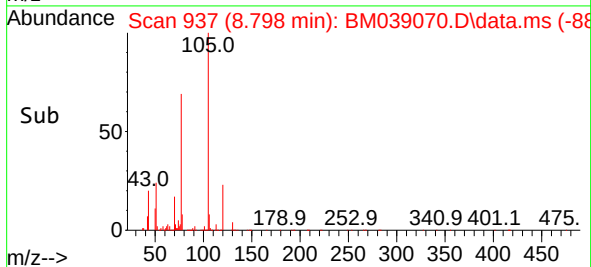
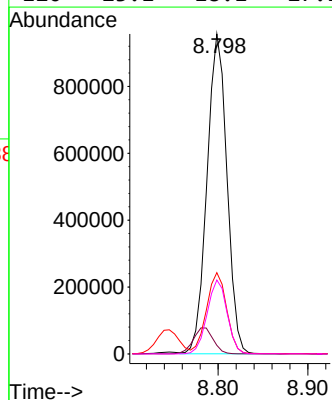
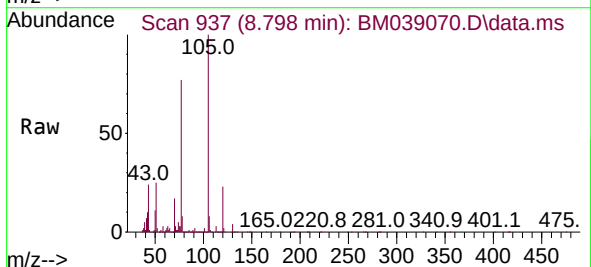
Instrument :
BNA_M
ClientSampleId :
NYE-SOIL-0316MSD

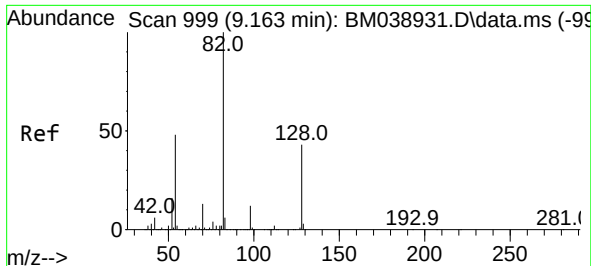
Tgt Ion:136 Resp: 1058240
Ion Ratio Lower Upper
136 100
137 11.1 8.7 13.1
54 8.1 6.3 9.5
68 6.3 5.0 7.6



#22
Acetophenone
Concen: 49.967 ng
RT: 8.798 min Scan# 937
Delta R.T. 0.000 min
Lab File: BM039070.D
Acq: 21 Mar 2023 15:45

Tgt Ion:105 Resp: 1483525
Ion Ratio Lower Upper
105 100
71 2.7 3.4 5.0#
51 25.4 21.0 31.4
120 23.1 18.1 27.1

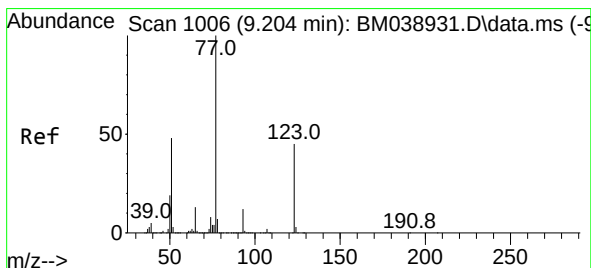
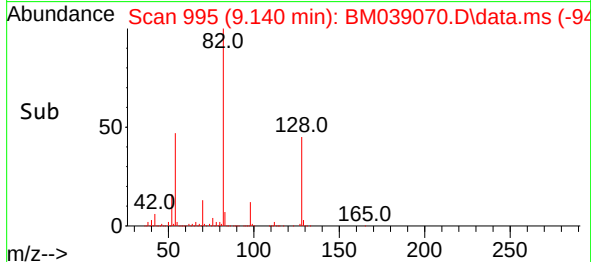
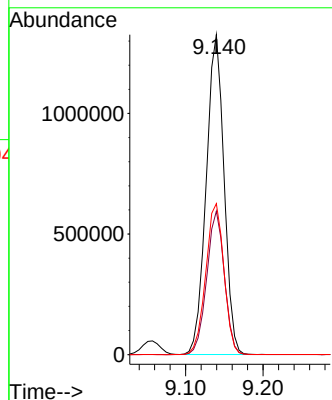
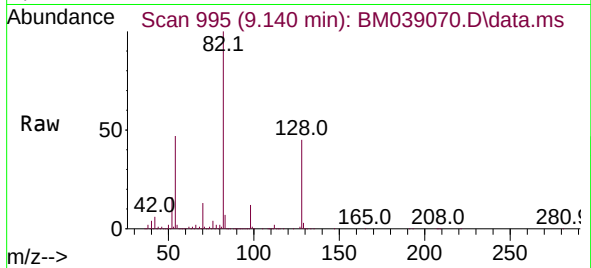




#23
Nitrobenzene-d5
Concen: 98.317 ng
RT: 9.140 min Scan# 99
Delta R.T. 0.000 min
Lab File: BM039070.D
Acq: 21 Mar 2023 15:45

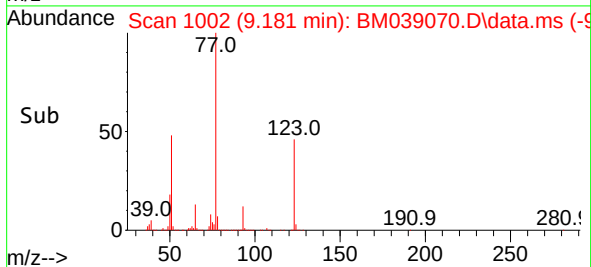
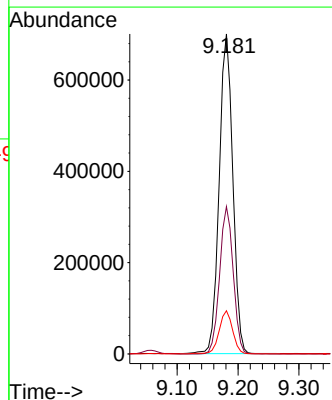
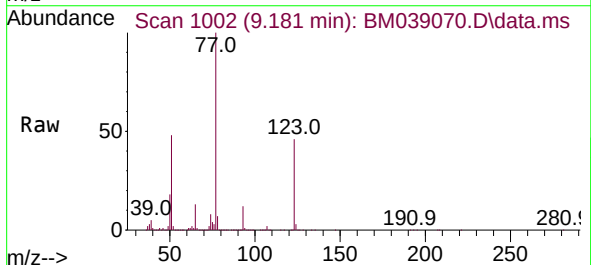
Instrument :
BNA_M
ClientSampleId :
NYE-SOIL-0316MSD

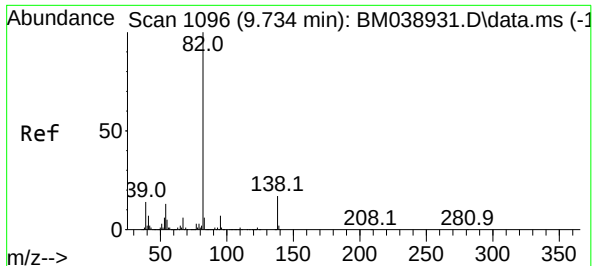
Tgt Ion: 82 Resp: 2118095
Ion Ratio Lower Upper
82 100
128 44.8 34.4 51.6
54 47.2 38.8 58.2



#24
Nitrobenzene
Concen: 48.099 ng
RT: 9.181 min Scan# 1002
Delta R.T. 0.000 min
Lab File: BM039070.D
Acq: 21 Mar 2023 15:45

Tgt Ion: 77 Resp: 1089145
Ion Ratio Lower Upper
77 100
123 46.0 35.8 53.6
65 13.5 10.2 15.4

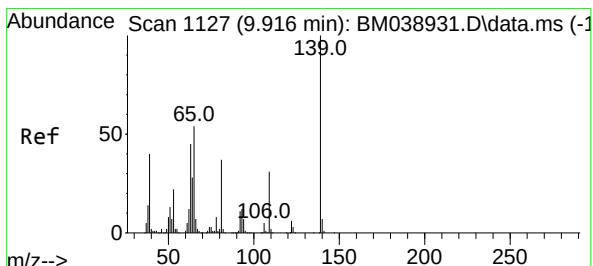
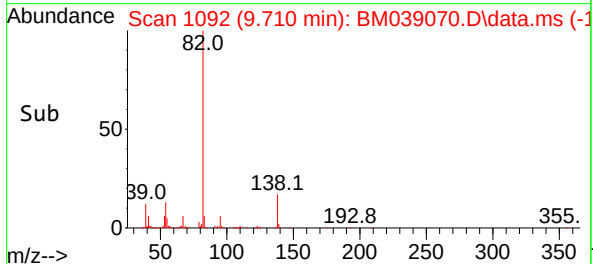
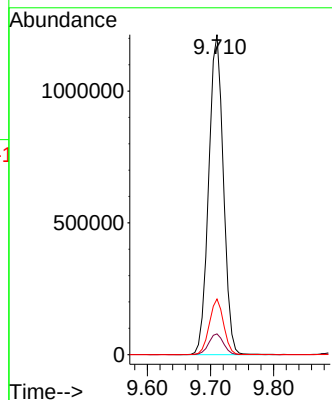
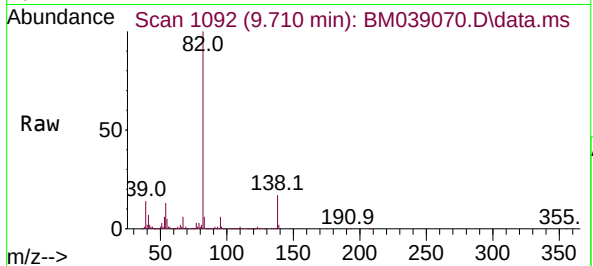




#25
Isophorone
Concen: 49.338 ng
RT: 9.710 min Scan# 1096
Delta R.T. 0.000 min
Lab File: BM039070.D
Acq: 21 Mar 2023 15:45

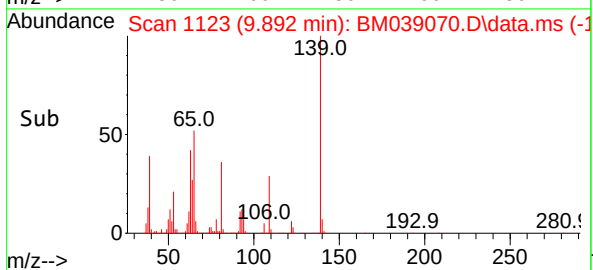
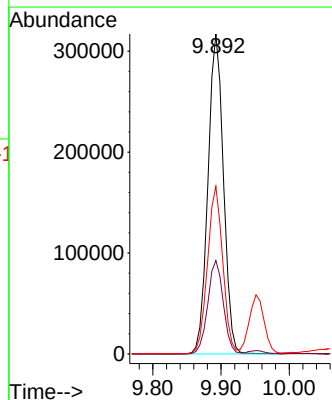
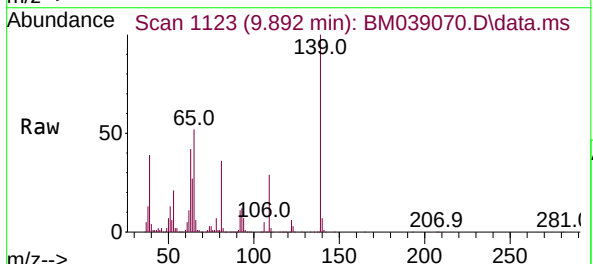
Instrument :
BNA_M
ClientSampleId :
NYE-SOIL-0316MSD

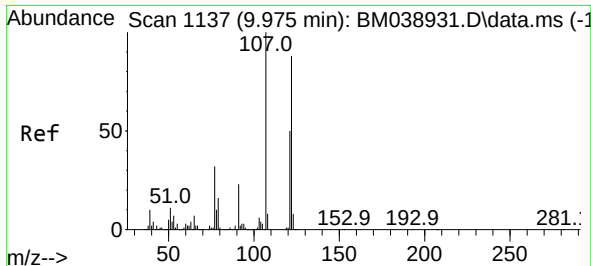
Tgt Ion: 82 Resp: 1955978
Ion Ratio Lower Upper
82 100
95 6.5 5.2 7.8
138 17.4 13.6 20.4



#26
2-Nitrophenol
Concen: 49.819 ng
RT: 9.892 min Scan# 1123
Delta R.T. 0.000 min
Lab File: BM039070.D
Acq: 21 Mar 2023 15:45

Tgt Ion: 139 Resp: 499309
Ion Ratio Lower Upper
139 100
109 29.2 24.5 36.7
65 52.3 43.0 64.6





#27

2,4-Dimethylphenol

Concen: 50.632 ng

RT: 9.951 min Scan# 1133

Delta R.T. 0.000 min

Lab File: BM039070.D

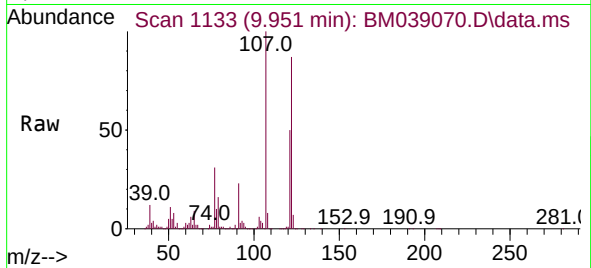
Acq: 21 Mar 2023 15:45

Instrument :

BNA_M

ClientSampleId :

NYE-SOIL-0316MSD



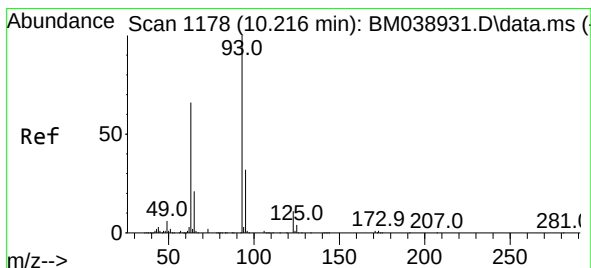
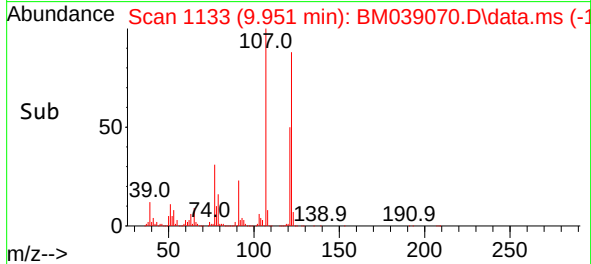
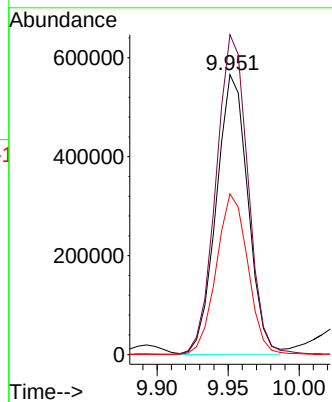
Tgt Ion:122 Resp: 874625

Ion Ratio Lower Upper

122 100

107 114.3 91.0 136.4

121 57.4 45.1 67.7



#28

bis(2-Chloroethoxy)methane

Concen: 47.603 ng

RT: 10.192 min Scan# 1174

Delta R.T. 0.000 min

Lab File: BM039070.D

Acq: 21 Mar 2023 15:45

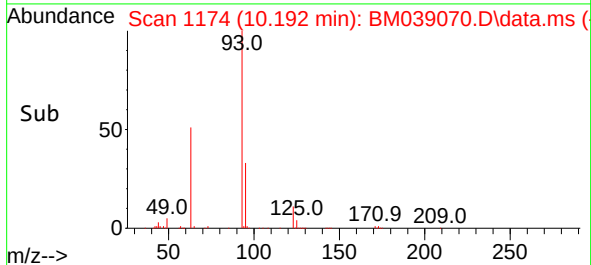
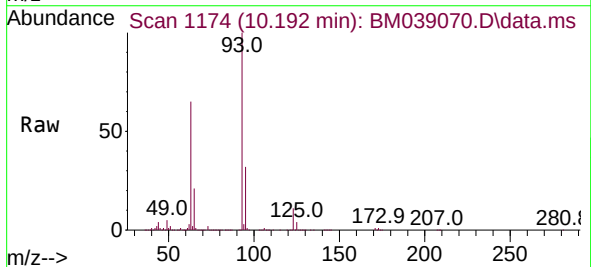
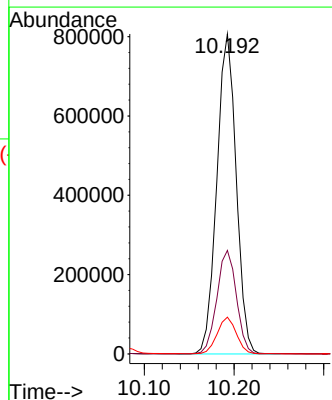
Tgt Ion: 93 Resp: 1212599

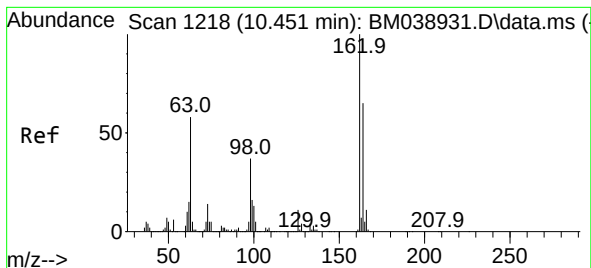
Ion Ratio Lower Upper

93 100

95 32.3 25.9 38.9

123 11.5 8.8 13.2





#29

2,4-Dichlorophenol

Concen: 51.095 ng

RT: 10.428 min Scan# 1214

Delta R.T. 0.000 min

Lab File: BM039070.D

Acq: 21 Mar 2023 15:45

Instrument :

BNA_M

ClientSampleId :

NYE-SOIL-0316MSD

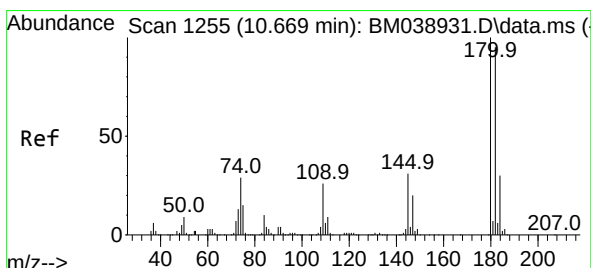
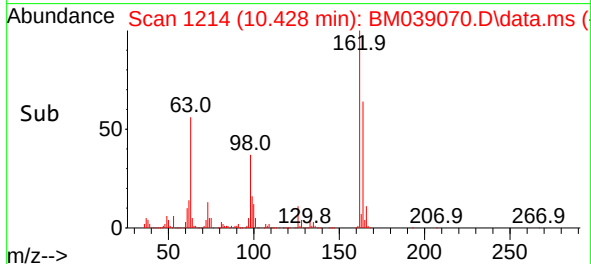
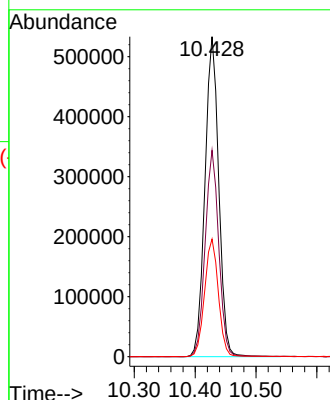
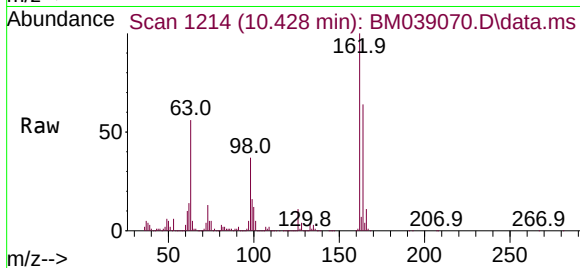
Tgt Ion:162 Resp: 836791

Ion Ratio Lower Upper

162 100

164 64.5 44.6 84.6

98 36.7 17.5 57.5



#30

1,2,4-Trichlorobenzene

Concen: 49.331 ng

RT: 10.645 min Scan# 1251

Delta R.T. 0.000 min

Lab File: BM039070.D

Acq: 21 Mar 2023 15:45

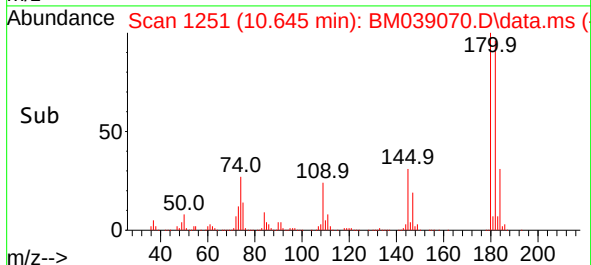
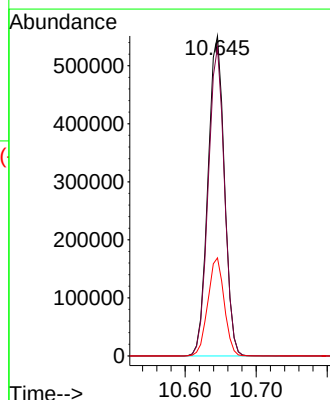
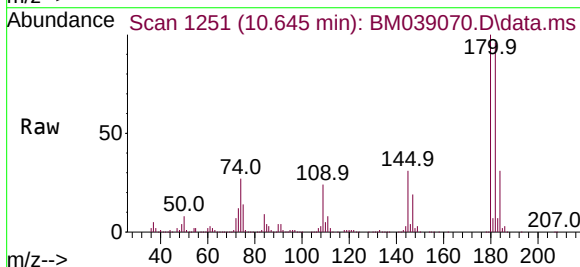
Tgt Ion:180 Resp: 882863

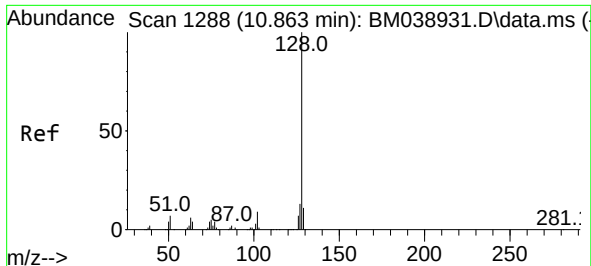
Ion Ratio Lower Upper

180 100

182 96.5 76.3 114.5

145 30.6 25.0 37.4

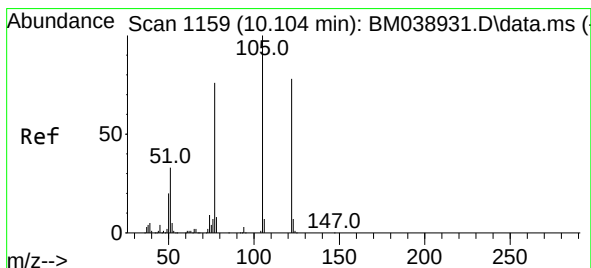
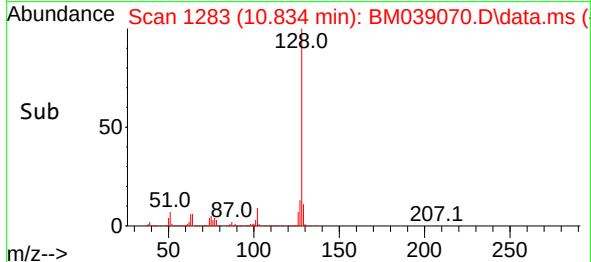
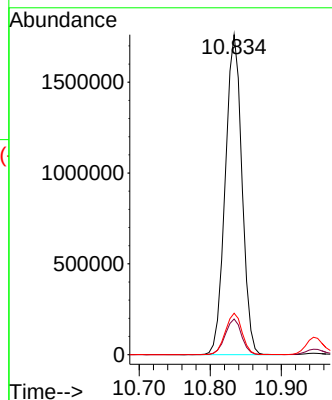
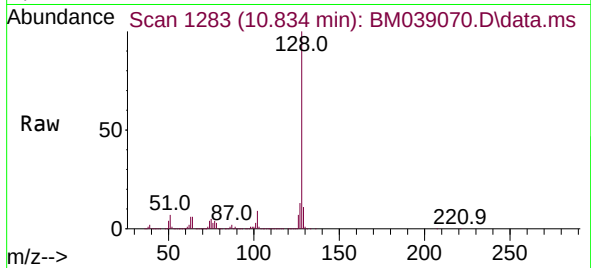




#31
Naphthalene
Concen: 47.655 ng
RT: 10.834 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM039070.D
Acq: 21 Mar 2023 15:45

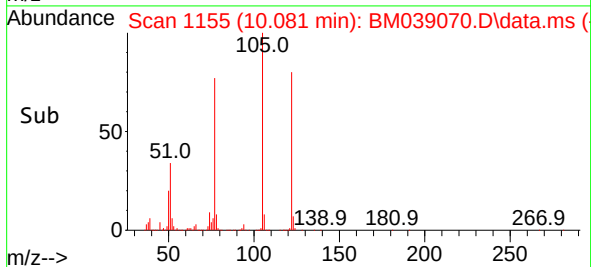
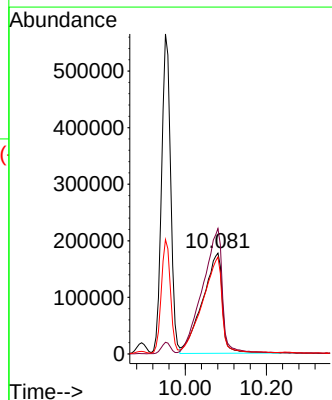
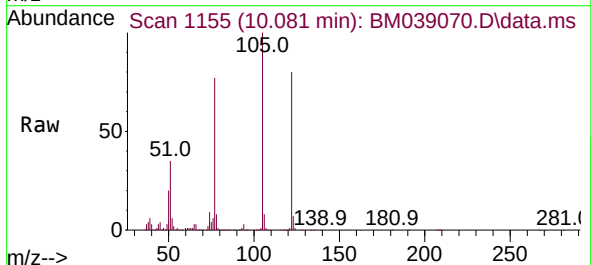
Instrument :
BNA_M
ClientSampleId :
NYE-SOIL-0316MSD

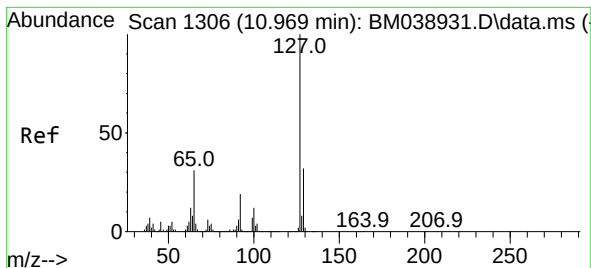
Tgt Ion:128 Resp: 2875627
Ion Ratio Lower Upper
128 100
129 11.1 8.6 13.0
127 12.9 10.2 15.4



#32
Benzoic acid
Concen: 47.931 ng
RT: 10.081 min Scan# 1155
Delta R.T. -0.006 min
Lab File: BM039070.D
Acq: 21 Mar 2023 15:45

Tgt Ion:122 Resp: 607362
Ion Ratio Lower Upper
122 100
105 124.5 104.2 144.2
77 96.1 75.1 115.1





#33

4-Chloroaniline

Concen: 7.437 ng

RT: 10.945 min Scan# 1302

Delta R.T. 0.006 min

Lab File: BM039070.D

Acq: 21 Mar 2023 15:45

Instrument :

BNA_M

ClientSampleId :

NYE-SOIL-0316MSD

Tgt Ion:127 Resp: 191255

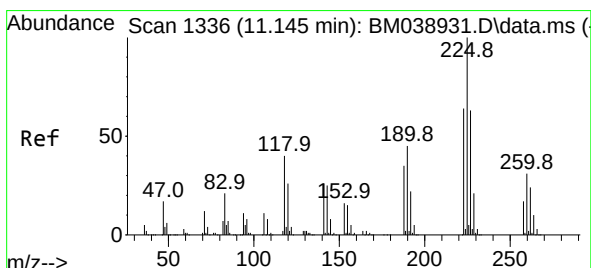
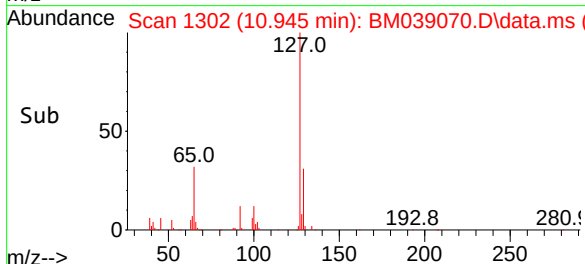
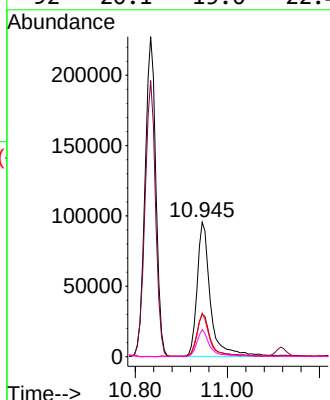
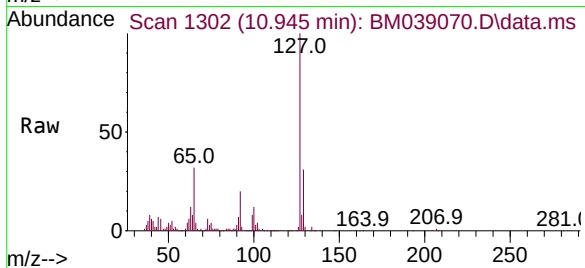
Ion Ratio Lower Upper

127 100

129 31.3 25.4 38.2

65 32.3 24.4 36.6

92 20.1 15.0 22.4



#34

Hexachlorobutadiene

Concen: 48.291 ng

RT: 11.116 min Scan# 1331

Delta R.T. 0.000 min

Lab File: BM039070.D

Acq: 21 Mar 2023 15:45

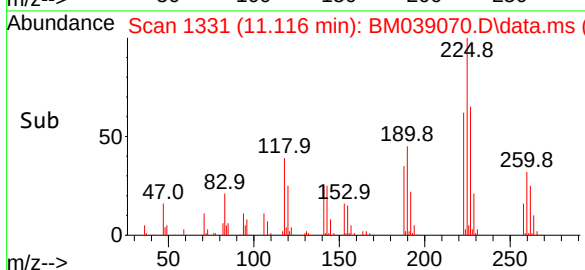
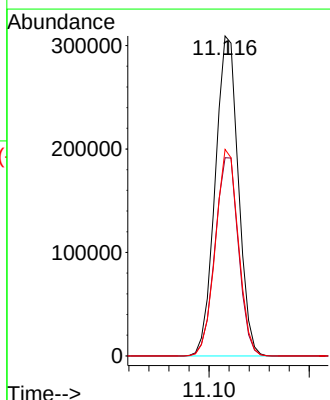
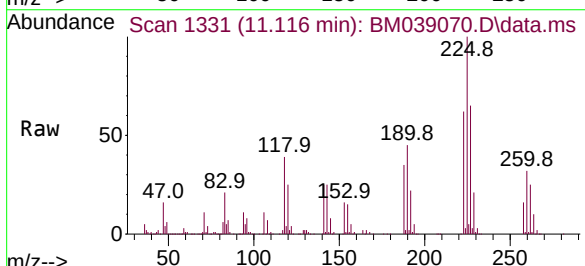
Tgt Ion:225 Resp: 495606

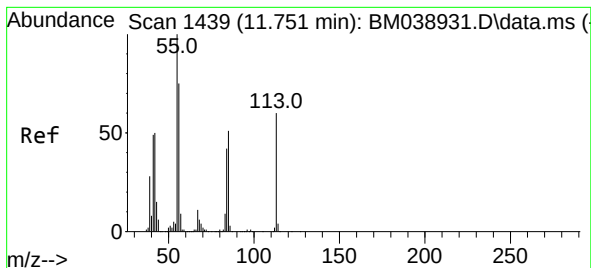
Ion Ratio Lower Upper

225 100

223 61.9 51.3 76.9

227 64.5 50.6 76.0





#35

Caprolactam

Concen: 46.060 ng

RT: 11.734 min Scan# 1439

Delta R.T. 0.000 min

Lab File: BM039070.D

Acq: 21 Mar 2023 15:45

Instrument :

BNA_M

ClientSampleId :

NYE-SOIL-0316MSD

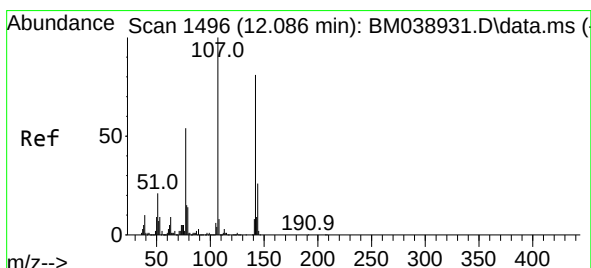
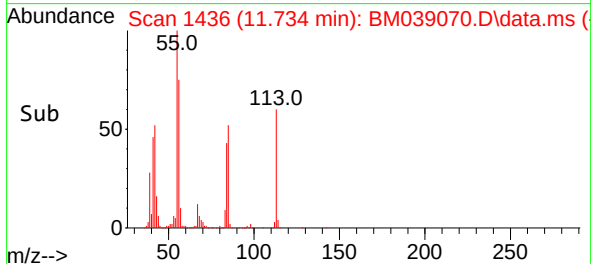
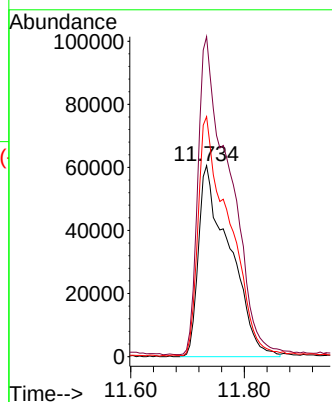
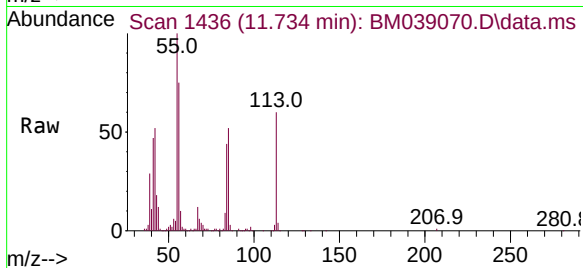
Tgt Ion:113 Resp: 229587

Ion Ratio Lower Upper

113 100

55 167.6 147.0 187.0

56 125.6 105.1 145.1



#36

4-Chloro-3-methylphenol

Concen: 49.998 ng

RT: 12.063 min Scan# 1492

Delta R.T. 0.000 min

Lab File: BM039070.D

Acq: 21 Mar 2023 15:45

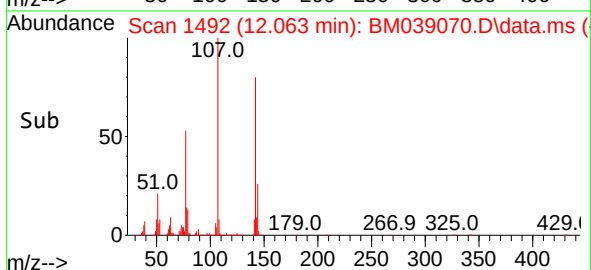
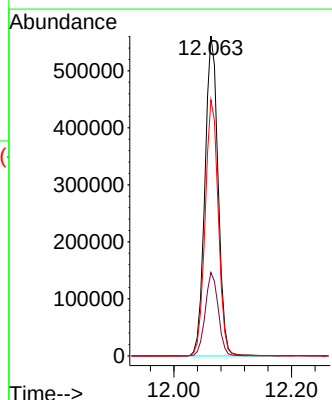
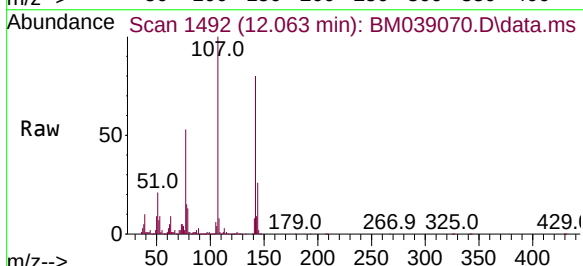
Tgt Ion:107 Resp: 871933

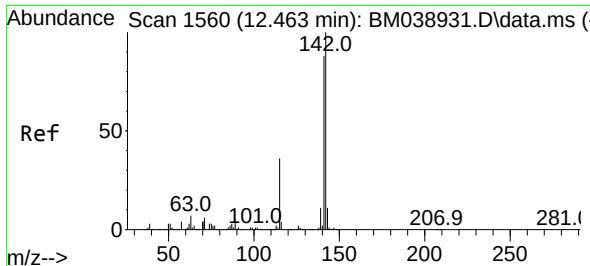
Ion Ratio Lower Upper

107 100

144 26.1 20.7 31.1

142 80.0 64.6 97.0

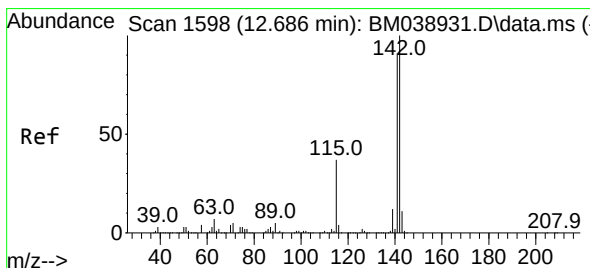
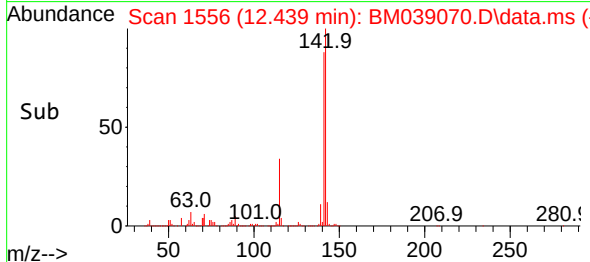
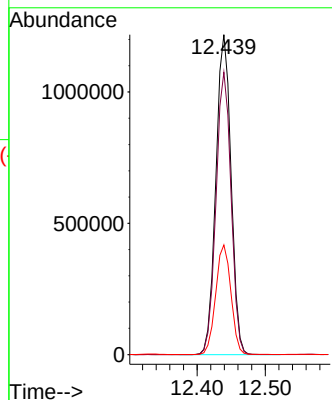
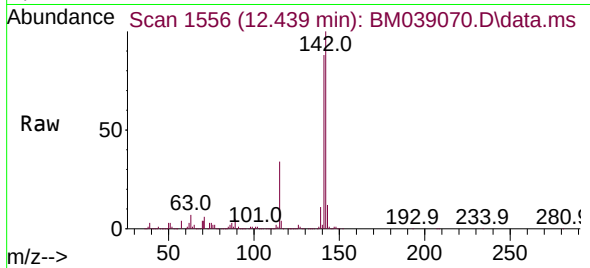




#37
2-Methylnaphthalene
Concen: 46.325 ng
RT: 12.439 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM039070.D
Acq: 21 Mar 2023 15:45

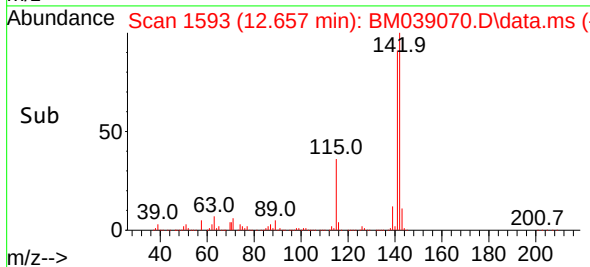
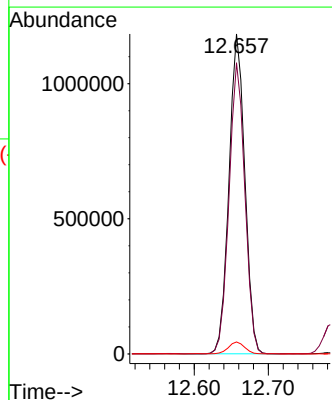
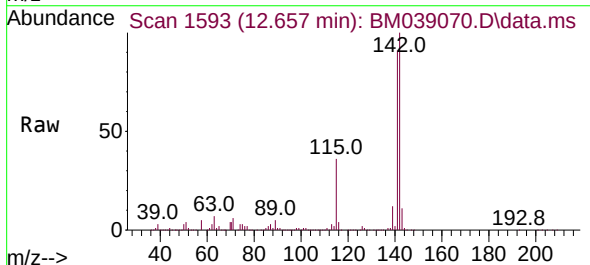
Instrument :
BNA_M
ClientSampleId :
NYE-SOIL-0316MSD

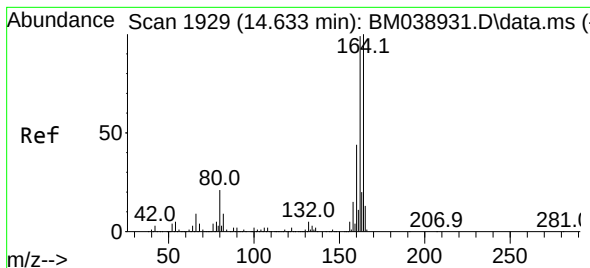
Tgt Ion:142 Resp: 1873602
Ion Ratio Lower Upper
142 100
141 88.2 70.6 106.0
115 34.3 28.5 42.7



#38
1-Methylnaphthalene
Concen: 46.473 ng
RT: 12.657 min Scan# 1593
Delta R.T. 0.000 min
Lab File: BM039070.D
Acq: 21 Mar 2023 15:45

Tgt Ion:142 Resp: 1761436
Ion Ratio Lower Upper
142 100
141 91.0 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: BM039070.D

Acq: 21 Mar 2023 15:45

Instrument :

BNA_M

ClientSampleId :

NYE-SOIL-0316MSD

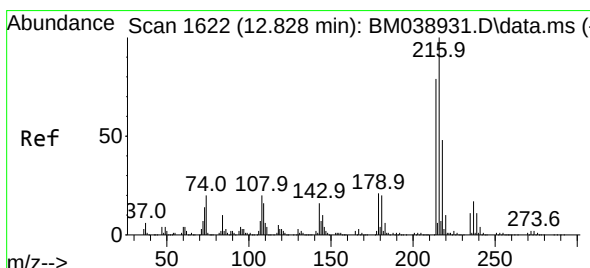
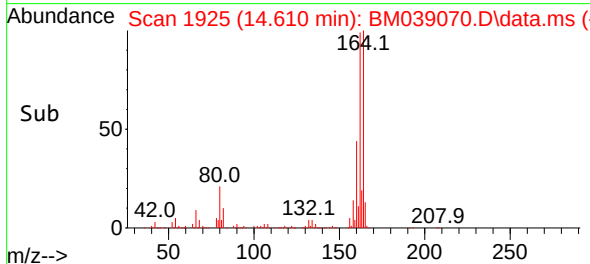
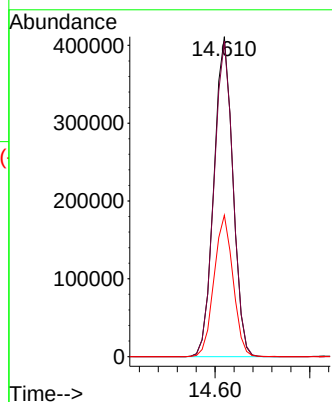
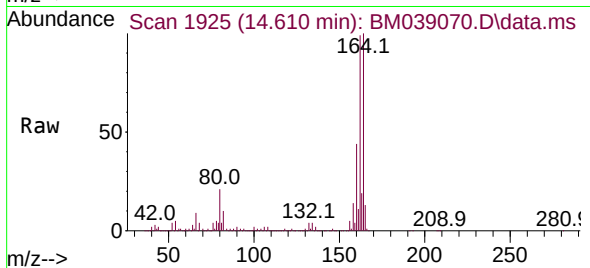
Tgt Ion:164 Resp: 571391

Ion Ratio Lower Upper

164 100

162 98.6 79.2 118.8

160 44.2 35.5 53.3



#40

1,2,4,5-Tetrachlorobenzene

Concen: 49.655 ng

RT: 12.804 min Scan# 1618

Delta R.T. 0.000 min

Lab File: BM039070.D

Acq: 21 Mar 2023 15:45

Tgt Ion:216 Resp: 922381

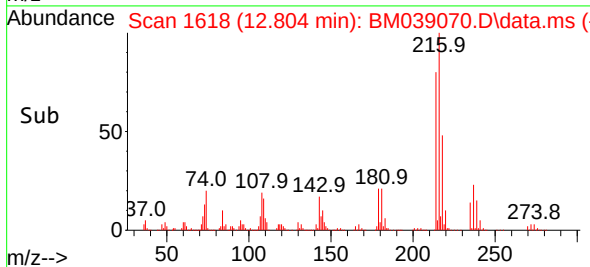
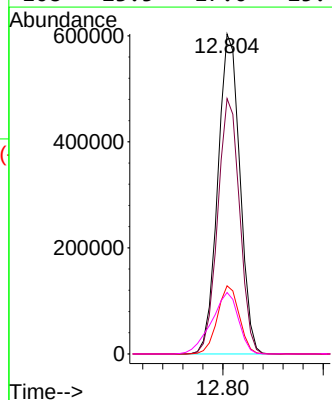
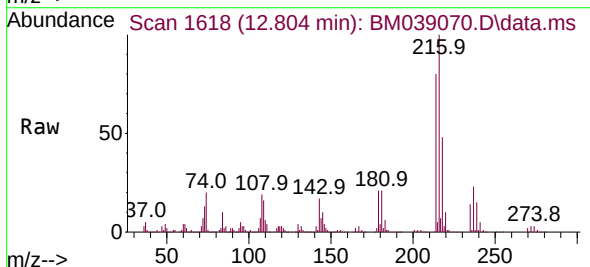
Ion Ratio Lower Upper

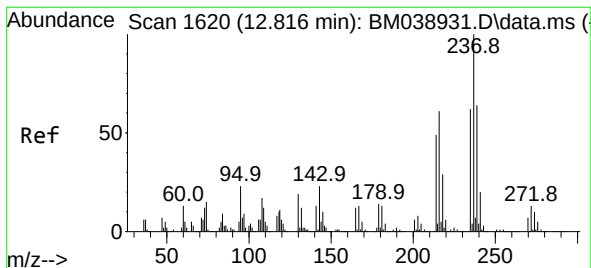
216 100

214 79.2 63.0 94.4

179 21.1 16.8 25.2

108 23.5 17.0 25.4





#41

Hexachlorocyclopentadiene

Concen: 124.829 ng

RT: 12.786 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM039070.D

Acq: 21 Mar 2023 15:45

Instrument :

BNA_M

ClientSampleId :

NYE-SOIL-0316MSD

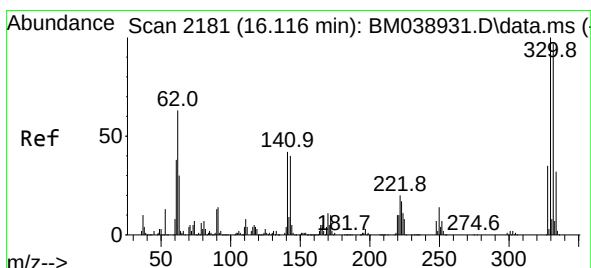
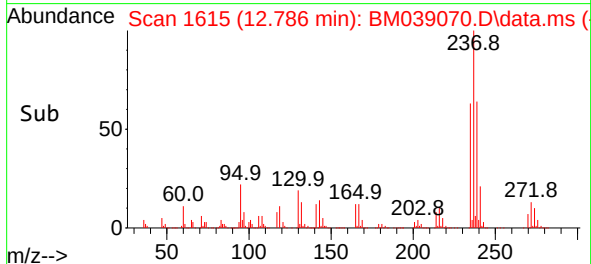
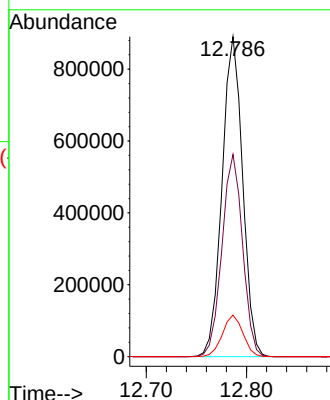
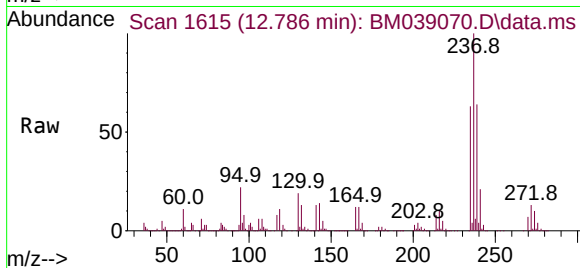
Tgt Ion:237 Resp: 1272800

Ion Ratio Lower Upper

237 100

235 63.2 41.7 81.7

272 13.0 0.0 33.2



#42

2,4,6-Tribromophenol

Concen: 152.915 ng

RT: 16.098 min Scan# 2178

Delta R.T. 0.000 min

Lab File: BM039070.D

Acq: 21 Mar 2023 15:45

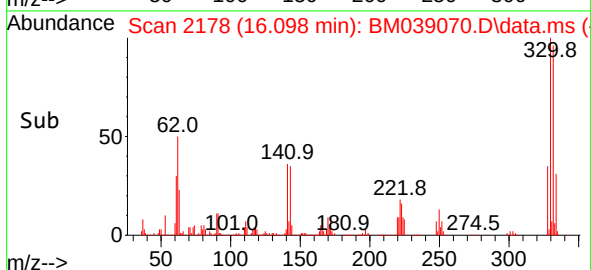
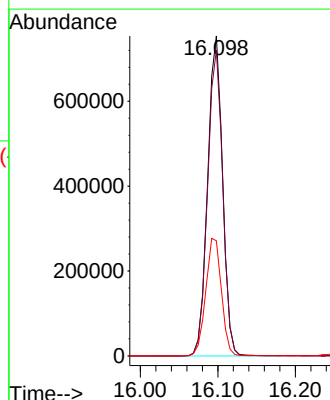
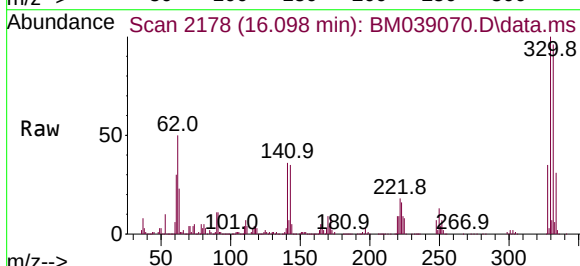
Tgt Ion:330 Resp: 1010783

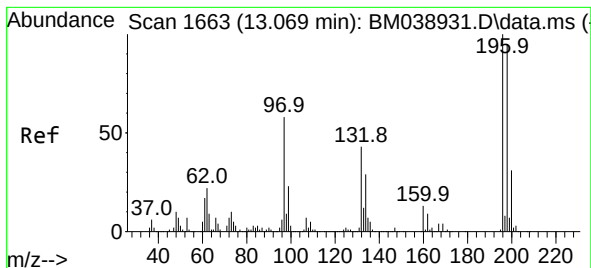
Ion Ratio Lower Upper

330 100

332 96.5 77.4 116.0

141 38.6 32.2 48.4





#43

2,4,6-Trichlorophenol

Concen: 51.279 ng

RT: 13.045 min Scan# 1659

Delta R.T. 0.000 min

Lab File: BM039070.D

Acq: 21 Mar 2023 15:45

Instrument :

BNA_M

ClientSampleId :

NYE-SOIL-0316MSD

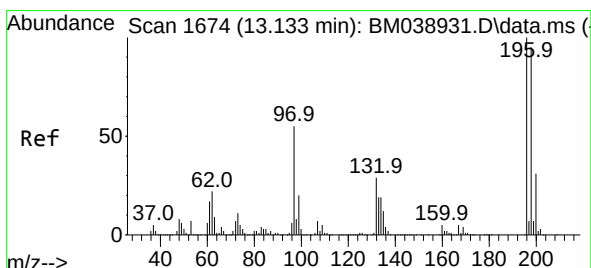
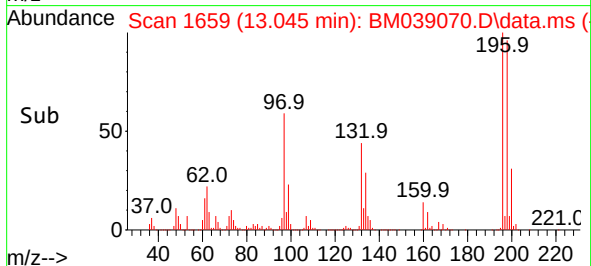
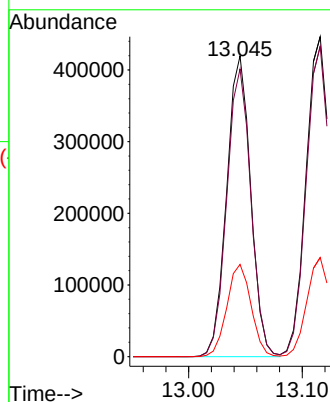
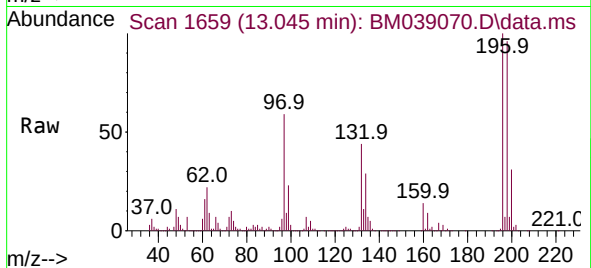
Tgt Ion:196 Resp: 616819

Ion Ratio Lower Upper

196 100

198 95.6 75.8 113.8

200 30.7 25.0 37.4



#44

2,4,5-Trichlorophenol

Concen: 47.429 ng

RT: 13.116 min Scan# 1671

Delta R.T. 0.000 min

Lab File: BM039070.D

Acq: 21 Mar 2023 15:45

Tgt Ion:196 Resp: 667783

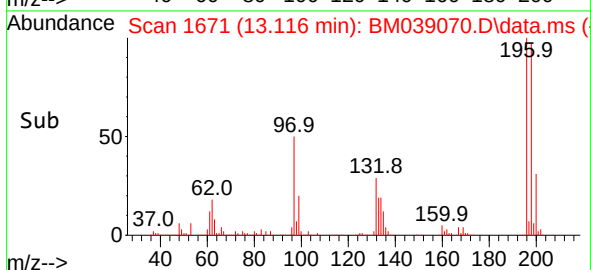
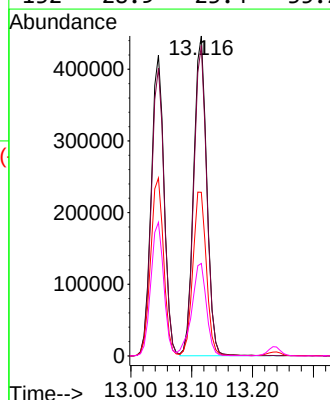
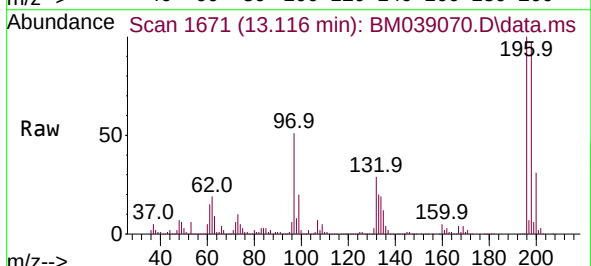
Ion Ratio Lower Upper

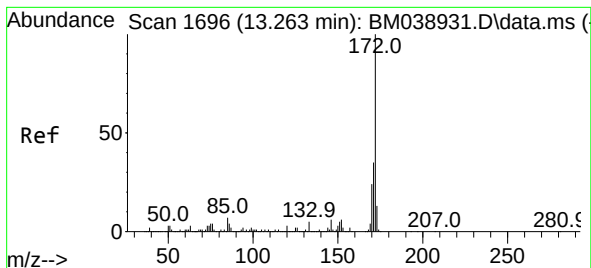
196 100

198 97.0 76.3 114.5

97 51.1 44.2 66.4

132 28.9 23.4 35.2

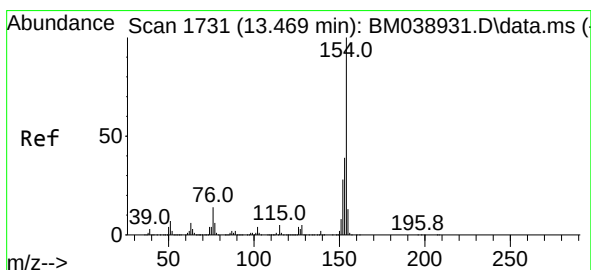
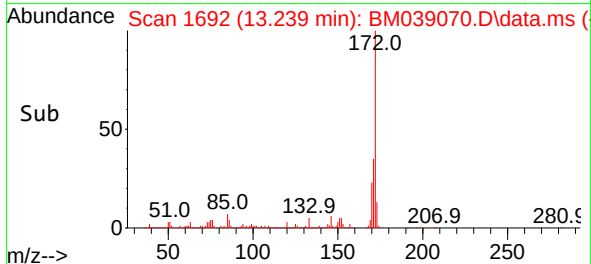
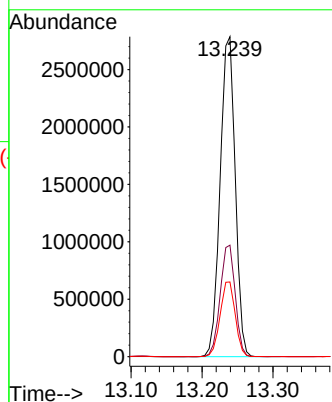
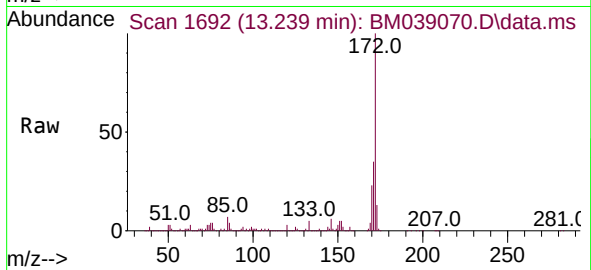




#45
2-Fluorobiphenyl
Concen: 93.794 ng
RT: 13.239 min Scan# 1696
Delta R.T. 0.006 min
Lab File: BM039070.D
Acq: 21 Mar 2023 15:45

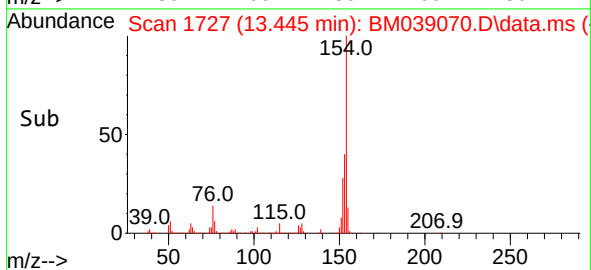
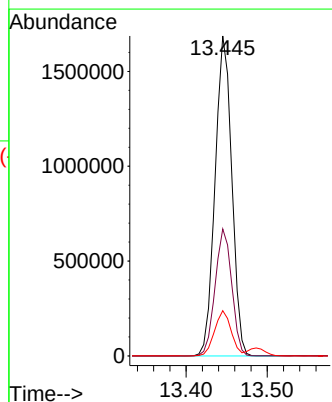
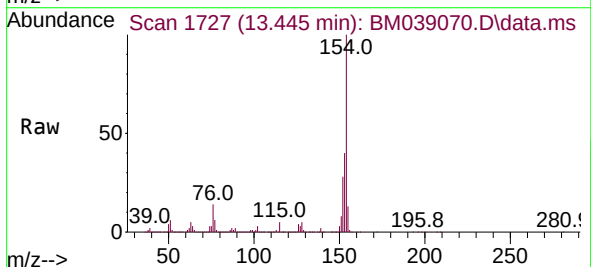
Instrument :
BNA_M
ClientSampleId :
NYE-SOIL-0316MSD

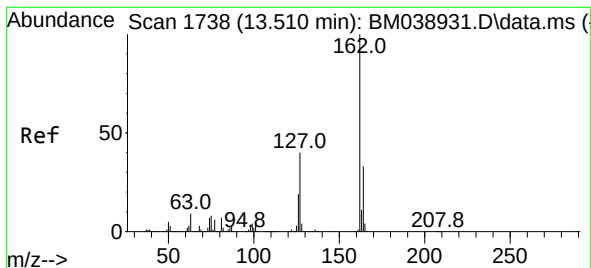
Tgt Ion:172 Resp: 4116845
Ion Ratio Lower Upper
172 100
171 34.8 28.2 42.2
170 23.3 19.1 28.7



#46
1,1'-Biphenyl
Concen: 49.785 ng
RT: 13.445 min Scan# 1727
Delta R.T. 0.000 min
Lab File: BM039070.D
Acq: 21 Mar 2023 15:45

Tgt Ion:154 Resp: 2409931
Ion Ratio Lower Upper
154 100
153 39.7 19.3 59.3
76 14.1 0.0 34.0





#47

2-Chloronaphthalene

Concen: 50.097 ng

RT: 13.486 min Scan# 11

Delta R.T. 0.000 min

Lab File: BM039070.D

Acq: 21 Mar 2023 15:45

Instrument :

BNA_M

ClientSampleId :

NYE-SOIL-0316MSD

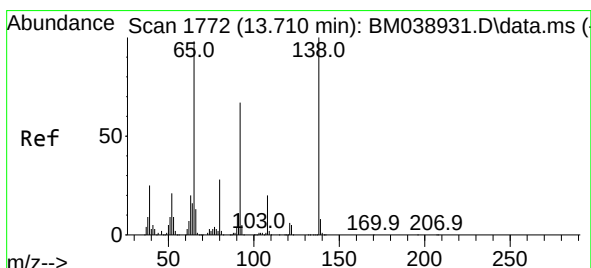
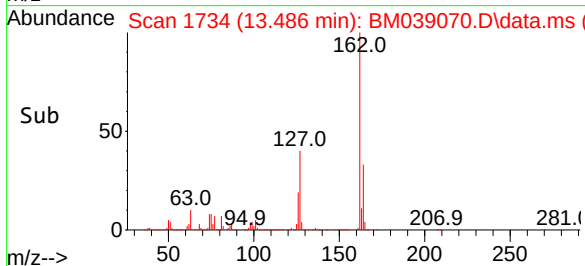
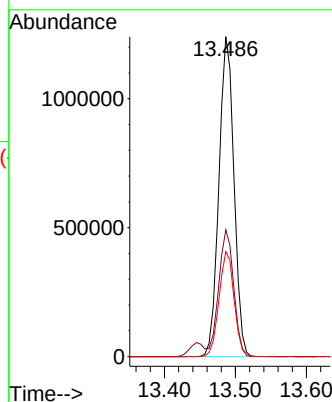
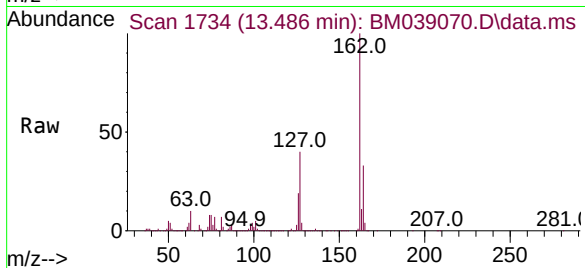
Tgt Ion:162 Resp: 1828629

Ion Ratio Lower Upper

162 100

127 39.6 32.1 48.1

164 32.8 26.2 39.4



#48

2-Nitroaniline

Concen: 48.440 ng

RT: 13.692 min Scan# 1769

Delta R.T. 0.000 min

Lab File: BM039070.D

Acq: 21 Mar 2023 15:45

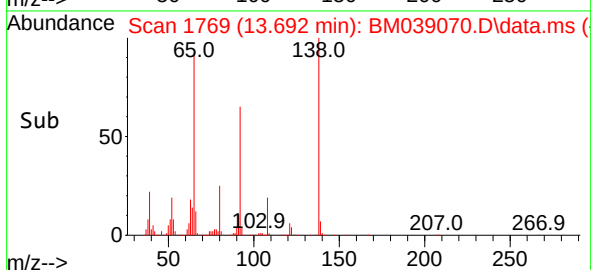
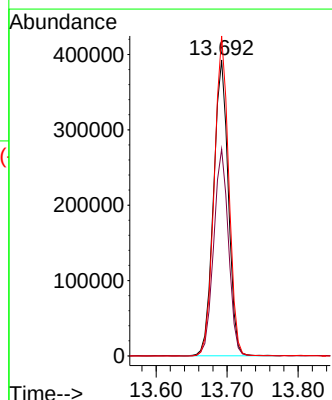
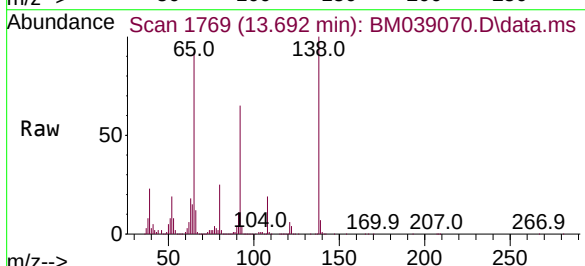
Tgt Ion: 65 Resp: 566369

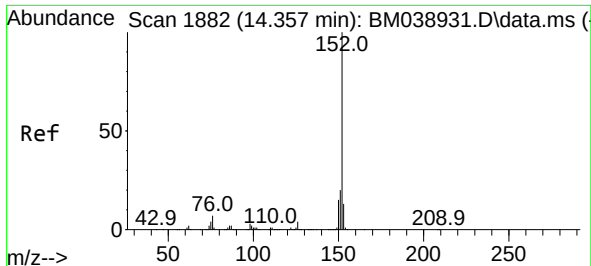
Ion Ratio Lower Upper

65 100

92 69.9 54.9 82.3

138 108.1 81.6 122.4

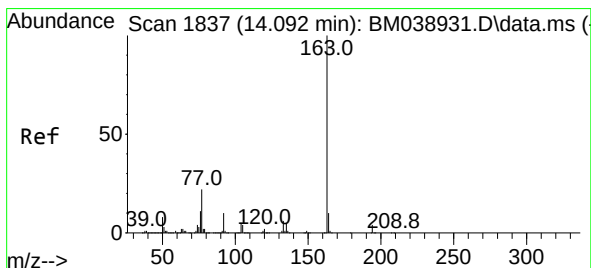
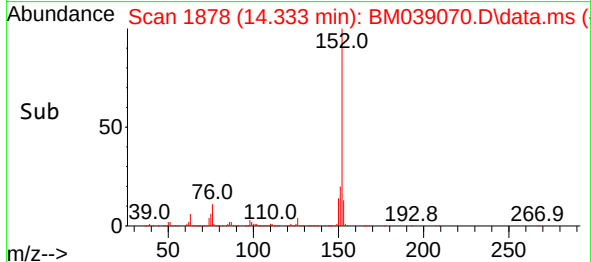
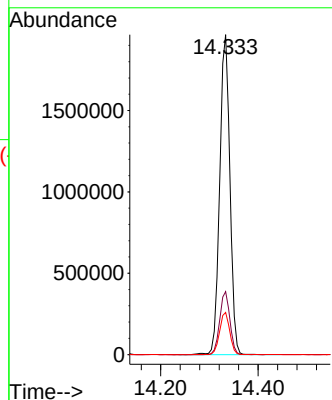
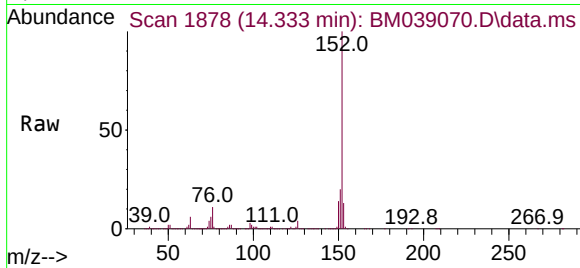




#49
Acenaphthylene
Concen: 48.828 ng
RT: 14.333 min Scan# 1882
Delta R.T. 0.000 min
Lab File: BM039070.D
Acq: 21 Mar 2023 15:45

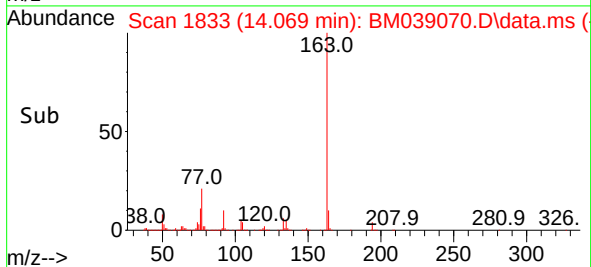
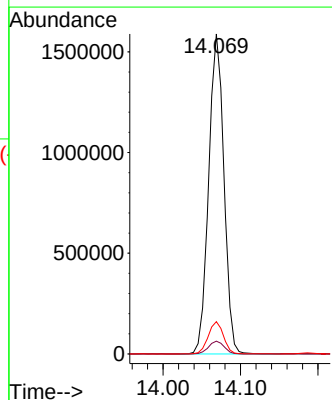
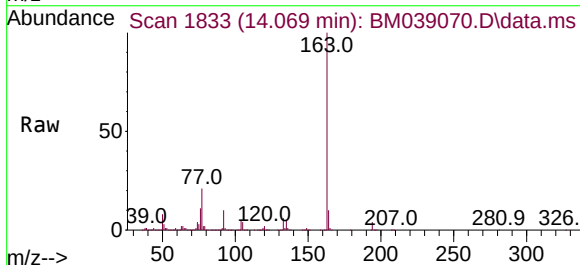
Instrument :
BNA_M
ClientSampleId :
NYE-SOIL-0316MSD

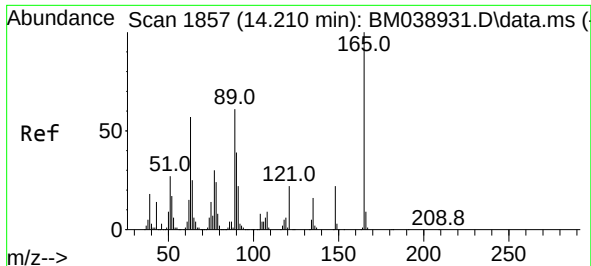
Tgt Ion:152 Resp: 2839014
Ion Ratio Lower Upper
152 100
151 19.7 15.8 23.8
153 13.2 10.4 15.6



#50
Dimethylphthalate
Concen: 49.319 ng
RT: 14.069 min Scan# 1833
Delta R.T. 0.000 min
Lab File: BM039070.D
Acq: 21 Mar 2023 15:45

Tgt Ion:163 Resp: 2168439
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 10.1 8.1 12.1

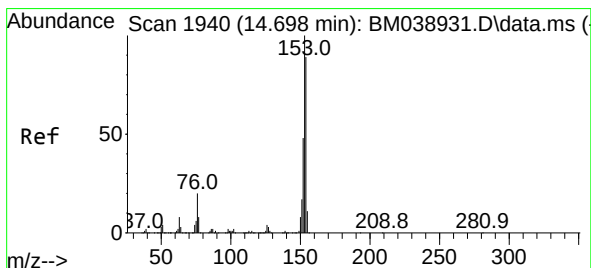
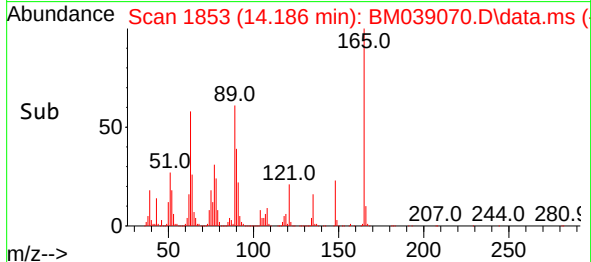
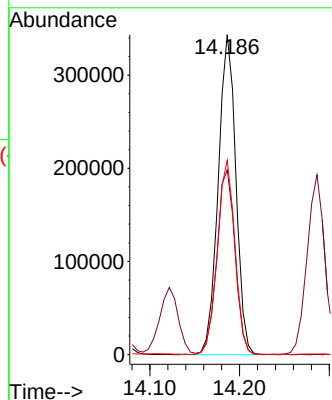
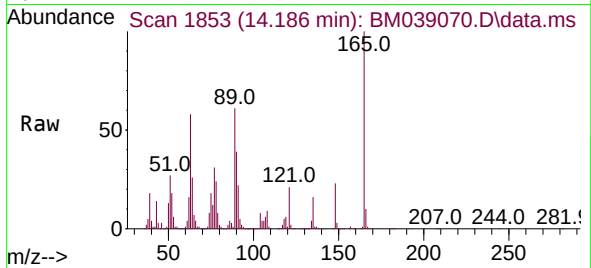




#51
2,6-Dinitrotoluene
Concen: 48.521 ng
RT: 14.186 min Scan# 1853
Delta R.T. 0.000 min
Lab File: BM039070.D
Acq: 21 Mar 2023 15:45

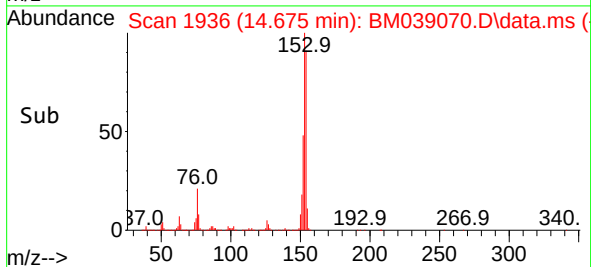
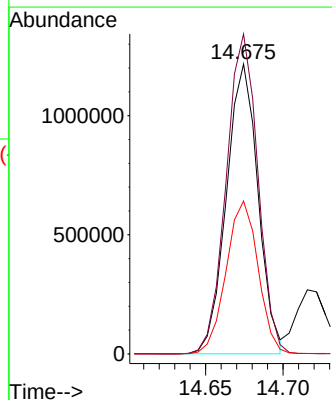
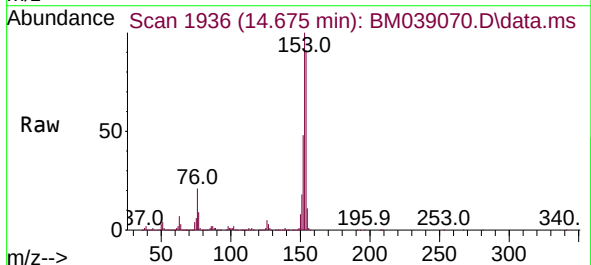
Instrument :
BNA_M
ClientSampleId :
NYE-SOIL-0316MSD

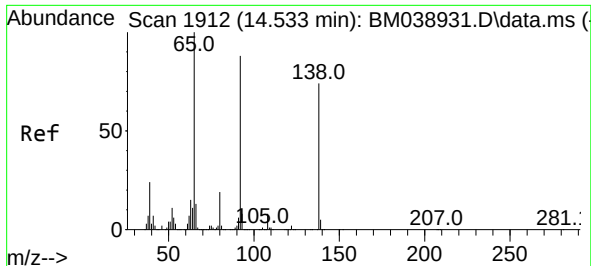
Tgt Ion:165 Resp: 472060
Ion Ratio Lower Upper
165 100
63 57.7 46.6 70.0
89 60.7 48.6 73.0



#52
Acenaphthene
Concen: 48.381 ng
RT: 14.675 min Scan# 1936
Delta R.T. 0.000 min
Lab File: BM039070.D
Acq: 21 Mar 2023 15:45

Tgt Ion:154 Resp: 1728771
Ion Ratio Lower Upper
154 100
153 110.4 90.2 135.2
152 52.7 43.4 65.2

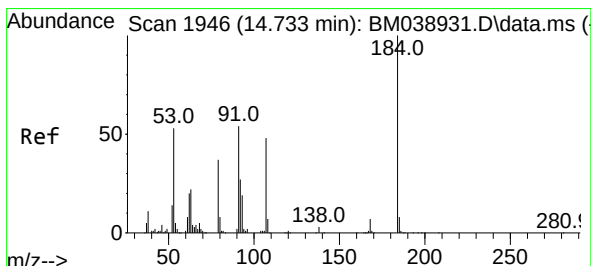
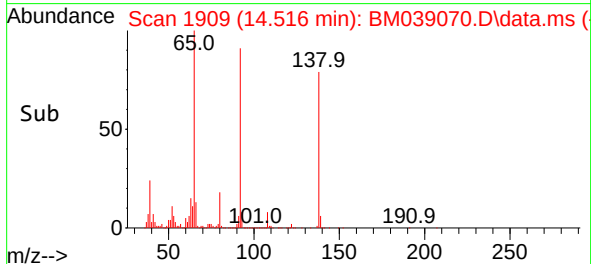
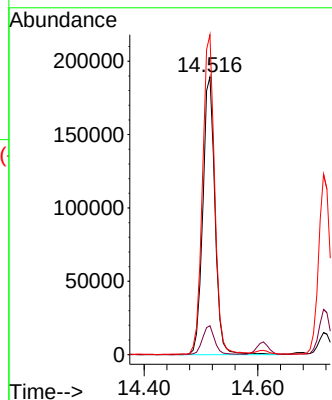
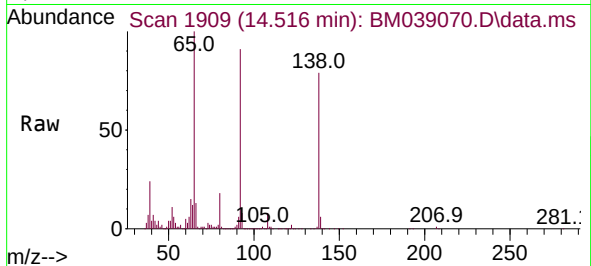




#53
3-Nitroaniline
Concen: 25.449 ng
RT: 14.516 min Scan# 1912
Delta R.T. 0.000 min
Lab File: BM039070.D
Acq: 21 Mar 2023 15:45

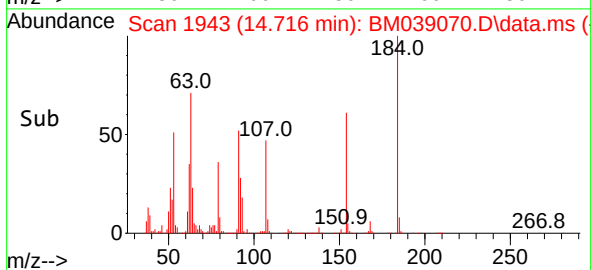
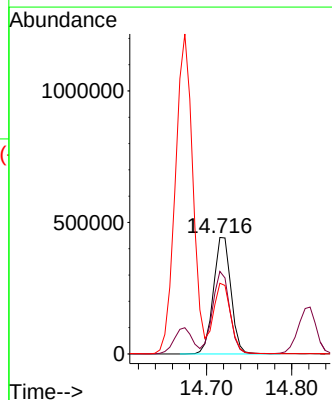
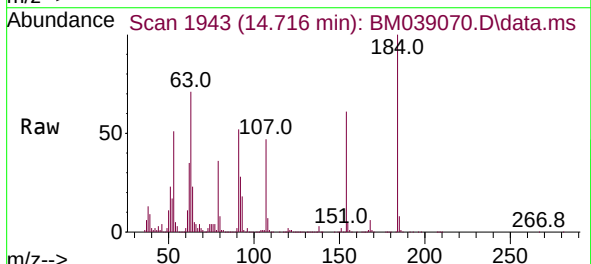
Instrument :
BNA_M
ClientSampleId :
NYE-SOIL-0316MSD

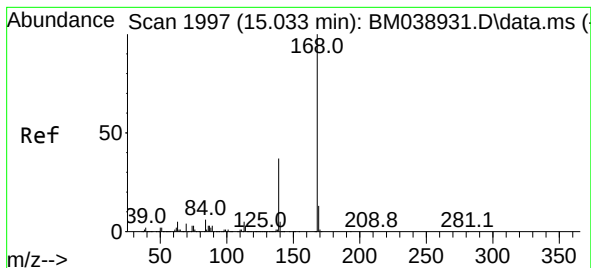
Tgt Ion:138 Resp: 280502
Ion Ratio Lower Upper
138 100
108 10.4 8.3 12.5
92 115.2 95.8 143.8



#54
2,4-Dinitrophenol
Concen: 111.112 ng
RT: 14.716 min Scan# 1943
Delta R.T. 0.000 min
Lab File: BM039070.D
Acq: 21 Mar 2023 15:45

Tgt Ion:184 Resp: 633061
Ion Ratio Lower Upper
184 100
63 70.9 60.6 90.8
154 60.8 51.4 77.2





#55

Dibenzofuran

Concen: 47.801 ng

RT: 15.010 min Scan# 1993

Delta R.T. 0.006 min

Lab File: BM039070.D

Acq: 21 Mar 2023 15:45

Instrument :

BNA_M

ClientSampleId :

NYE-SOIL-0316MSD

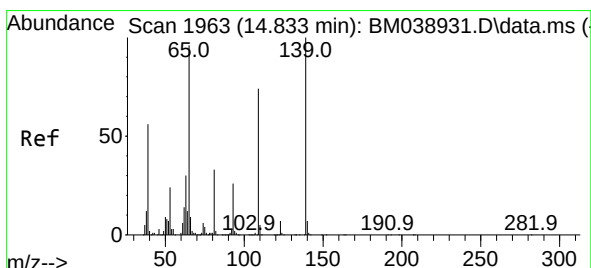
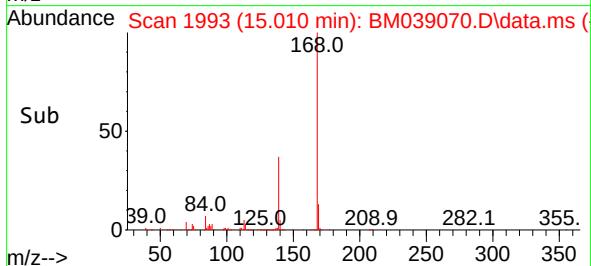
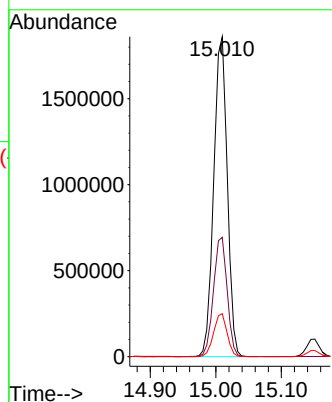
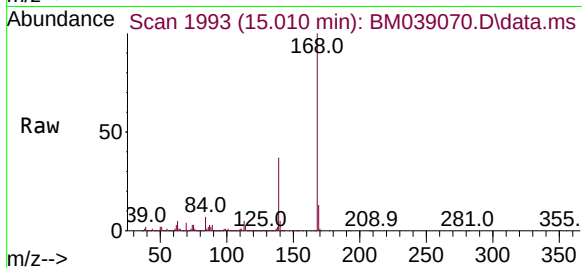
Tgt Ion:168 Resp: 2672854

Ion Ratio Lower Upper

168 100

139 37.3 29.9 44.9

169 13.4 10.7 16.1



#56

4-Nitrophenol

Concen: 104.763 ng

RT: 14.822 min Scan# 1961

Delta R.T. 0.006 min

Lab File: BM039070.D

Acq: 21 Mar 2023 15:45

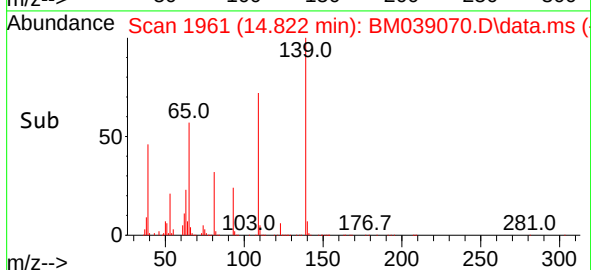
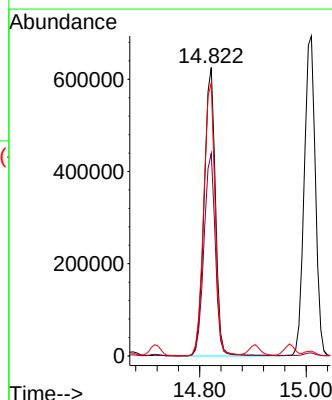
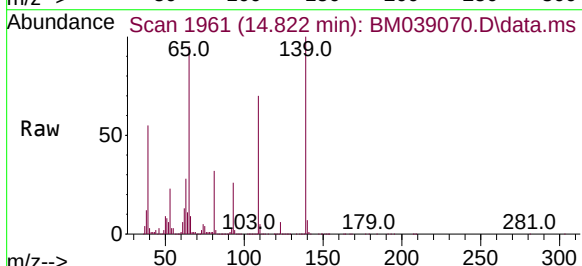
Tgt Ion:139 Resp: 914809

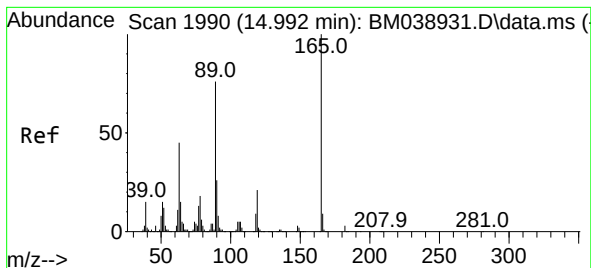
Ion Ratio Lower Upper

139 100

109 70.2 53.5 93.5

65 94.5 76.4 116.4

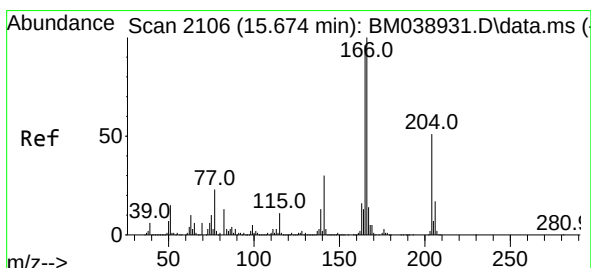
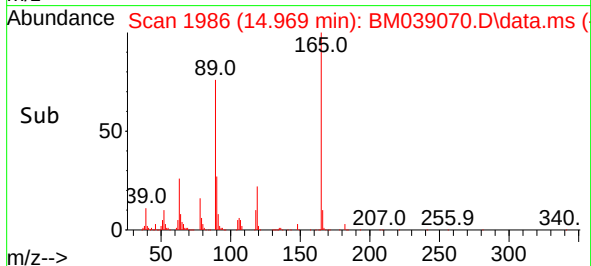
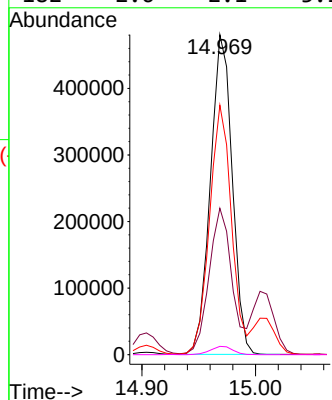
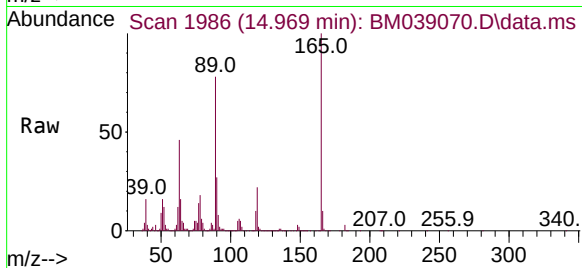




#57
2,4-Dinitrotoluene
Concen: 50.043 ng
RT: 14.969 min Scan# 1990
Delta R.T. 0.000 min
Lab File: BM039070.D
Acq: 21 Mar 2023 15:45

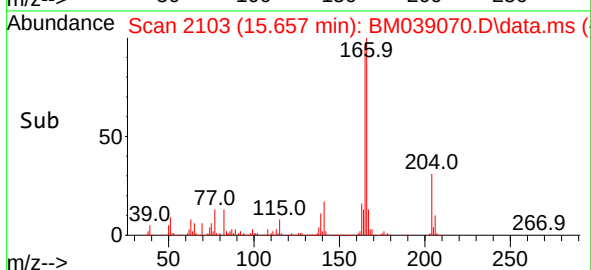
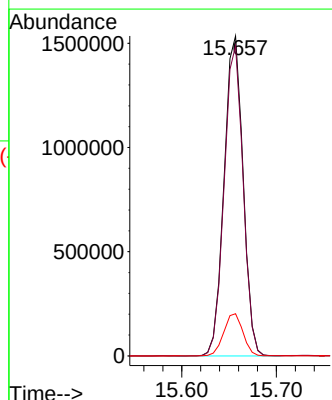
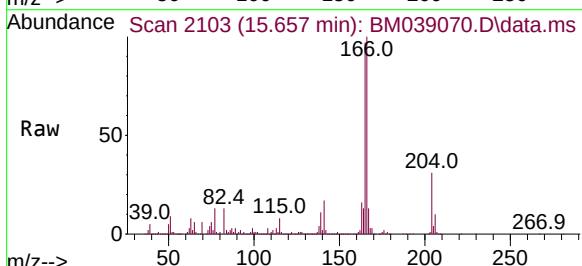
Instrument :
BNA_M
ClientSampleId :
NYE-SOIL-0316MSD

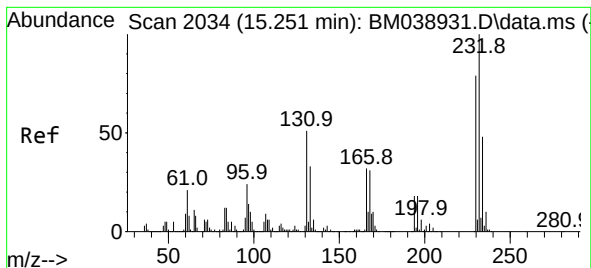
Tgt Ion:	165	Resp:	641561
Ion Ratio	Lower	Upper	
165	100		
63	45.7	35.9	53.9
89	77.9	61.0	91.6
182	2.6	2.1	3.1



#58
Fluorene
Concen: 48.832 ng
RT: 15.657 min Scan# 2103
Delta R.T. 0.000 min
Lab File: BM039070.D
Acq: 21 Mar 2023 15:45

Tgt Ion:	166	Resp:	2138885
Ion Ratio	Lower	Upper	
166	100		
165	96.9	77.1	115.7
167	13.2	10.9	16.3

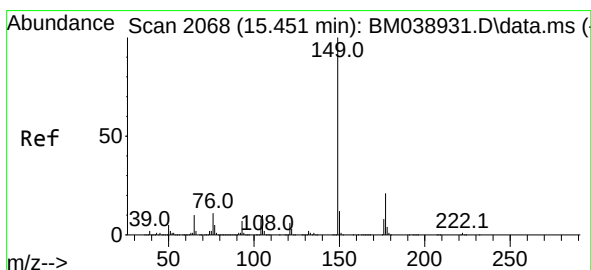
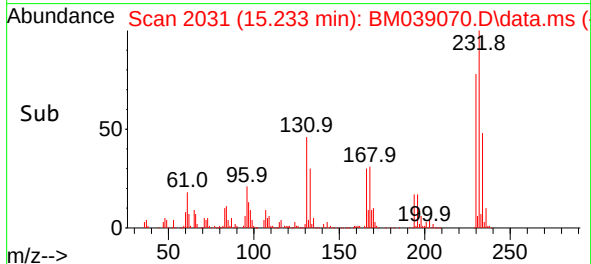
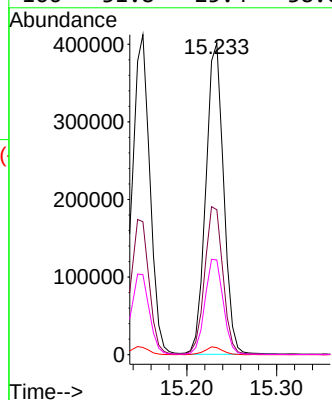
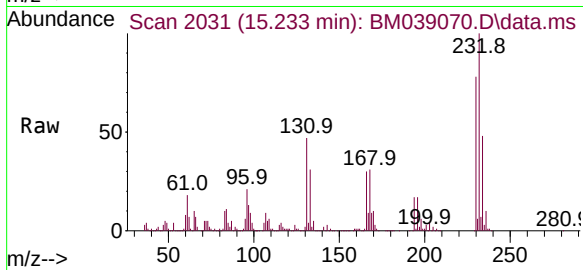




#59
2,3,4,6-Tetrachlorophenol
Concen: 50.952 ng
RT: 15.233 min Scan# 2031
Delta R.T. 0.006 min
Lab File: BM039070.D
Acq: 21 Mar 2023 15:45

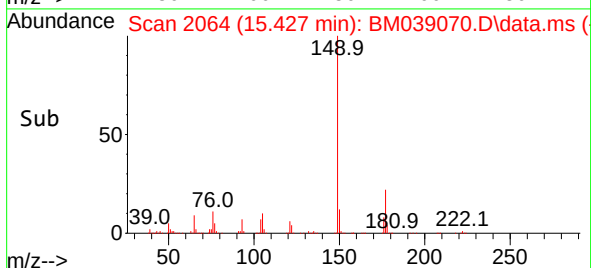
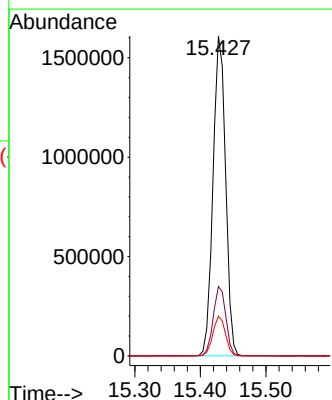
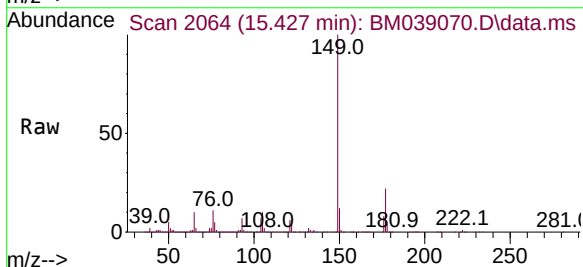
Instrument :
BNA_M
ClientSampleId :
NYE-SOIL-0316MSD

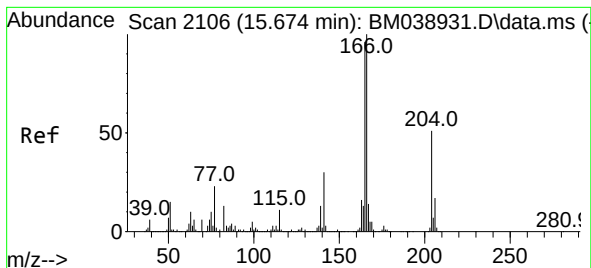
Tgt Ion:232 Resp: 553257
Ion Ratio Lower Upper
232 100
131 48.6 40.0 60.0
130 2.4 2.0 3.0
166 31.8 25.4 38.0



#60
Diethylphthalate
Concen: 50.182 ng
RT: 15.427 min Scan# 2064
Delta R.T. 0.000 min
Lab File: BM039070.D
Acq: 21 Mar 2023 15:45

Tgt Ion:149 Resp: 2146869
Ion Ratio Lower Upper
149 100
177 21.7 17.1 25.7
150 12.4 9.7 14.5

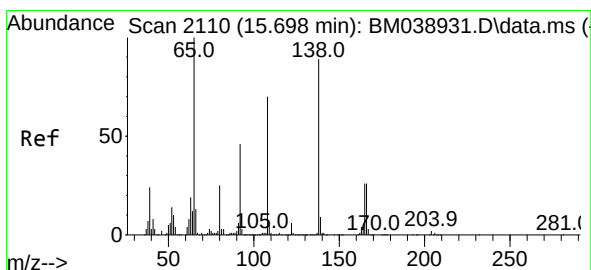
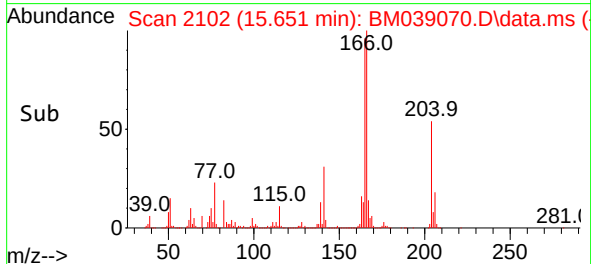
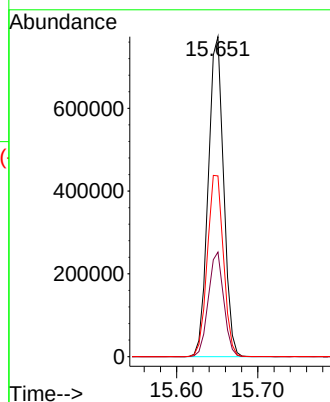
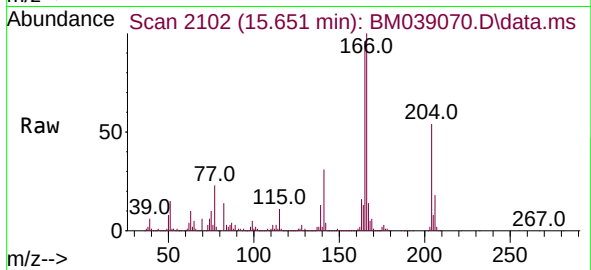




#61
4-Chlorophenyl-phenylether
Concen: 47.448 ng
RT: 15.651 min Scan# 2106
Delta R.T. 0.000 min
Lab File: BM039070.D
Acq: 21 Mar 2023 15:45

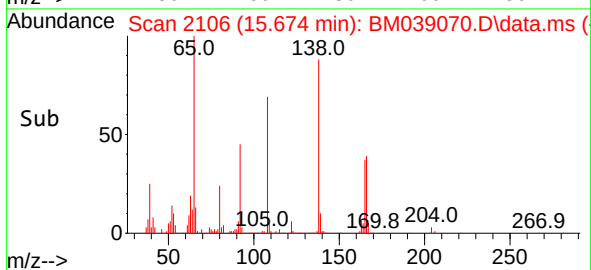
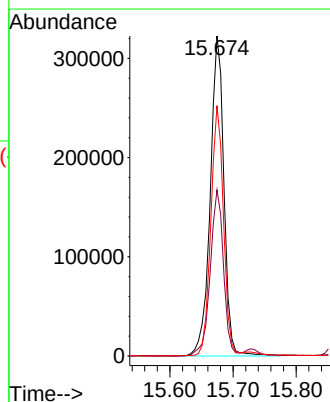
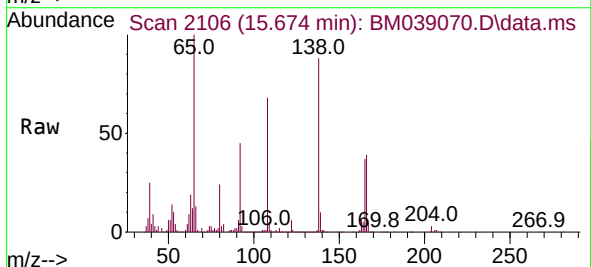
Instrument :
BNA_M
ClientSampleId :
NYE-SOIL-0316MSD

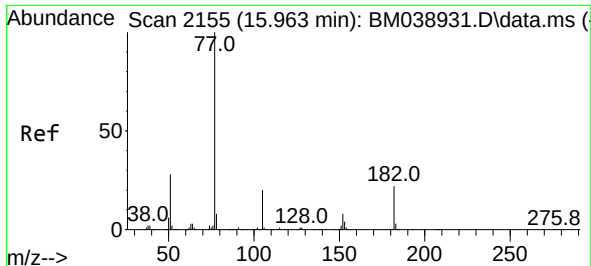
Tgt Ion:204 Resp: 1020974
Ion Ratio Lower Upper
204 100
206 32.7 26.4 39.6
141 56.5 46.4 69.6



#62
4-Nitroaniline
Concen: 42.301 ng
RT: 15.674 min Scan# 2106
Delta R.T. 0.000 min
Lab File: BM039070.D
Acq: 21 Mar 2023 15:45

Tgt Ion:138 Resp: 486926
Ion Ratio Lower Upper
138 100
92 51.9 31.6 71.6
108 78.2 58.6 98.6



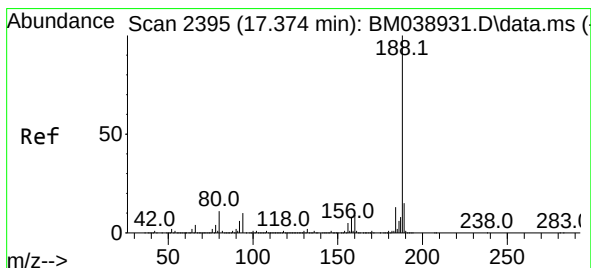
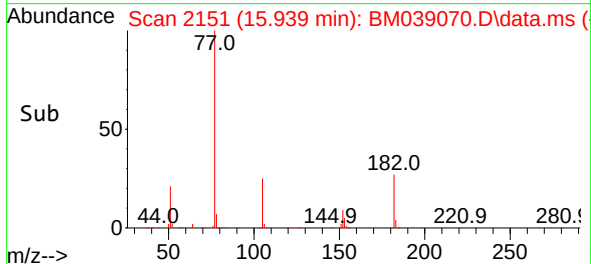
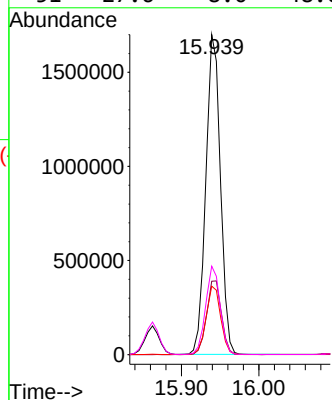
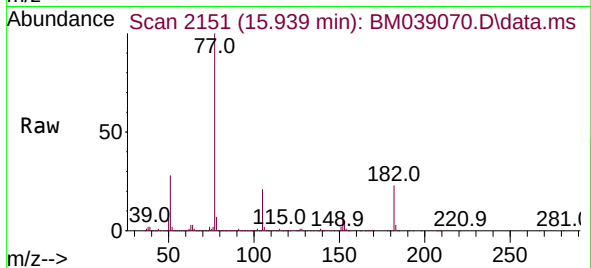


#63
Azobenzene
Concen: 48.979 ng
RT: 15.939 min Scan# 2155
Delta R.T. 0.000 min
Lab File: BM039070.D
Acq: 21 Mar 2023 15:45

Instrument :
BNA_M
ClientSampleId :
NYE-SOIL-0316MSD

Tgt Ion: 77 Resp: 2217149

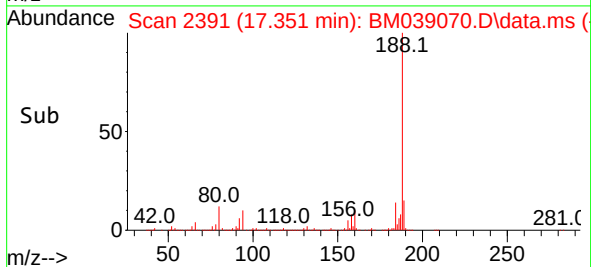
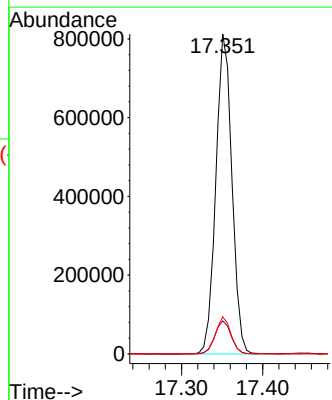
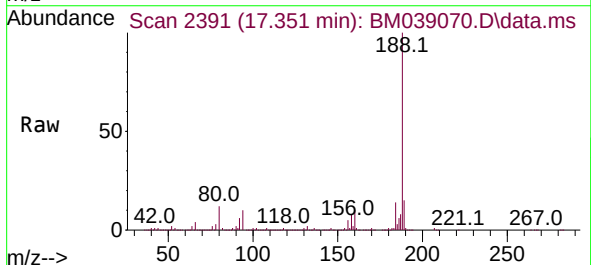
Ion	Ratio	Lower	Upper
77	100		
182	22.9	2.0	42.0
105	21.4	0.4	40.4
51	27.6	8.0	48.0

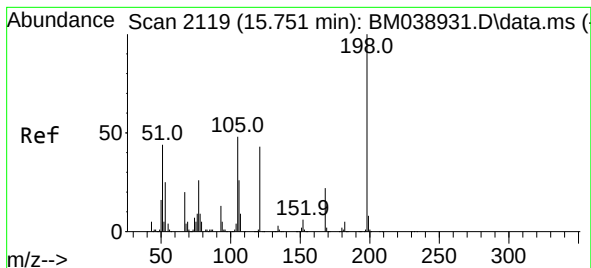


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.351 min Scan# 2391
Delta R.T. 0.000 min
Lab File: BM039070.D
Acq: 21 Mar 2023 15:45

Tgt Ion: 188 Resp: 1113957

Ion	Ratio	Lower	Upper
188	100		
94	10.3	7.9	11.9
80	11.6	8.5	12.7

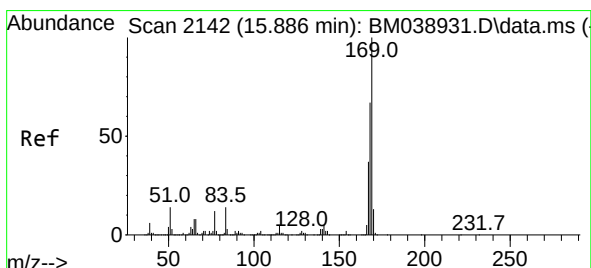
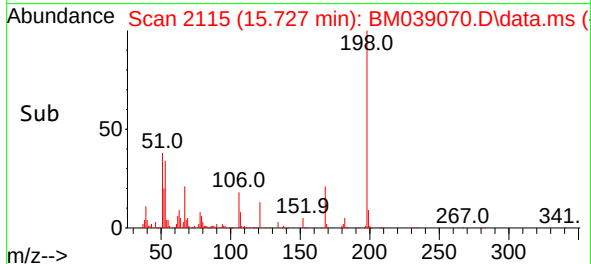
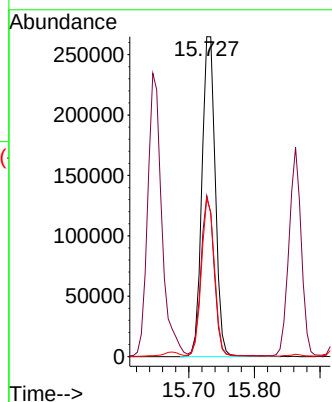
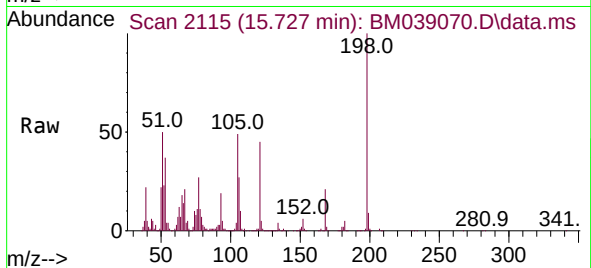




#65
4,6-Dinitro-2-methylphenol
Concen: 50.582 ng
RT: 15.727 min Scan# 2115
Delta R.T. -0.006 min
Lab File: BM039070.D
Acq: 21 Mar 2023 15:45

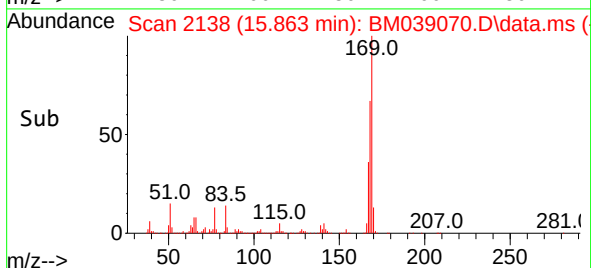
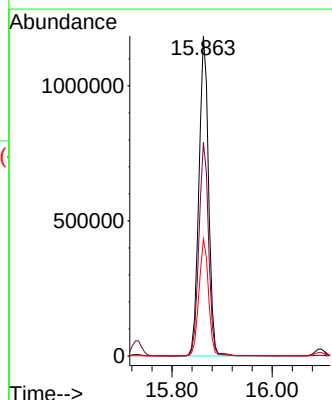
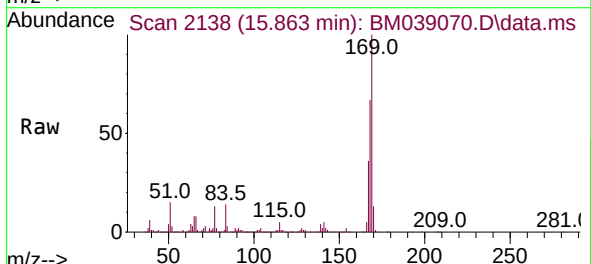
Instrument :
BNA_M
ClientSampleId :
NYE-SOIL-0316MSD

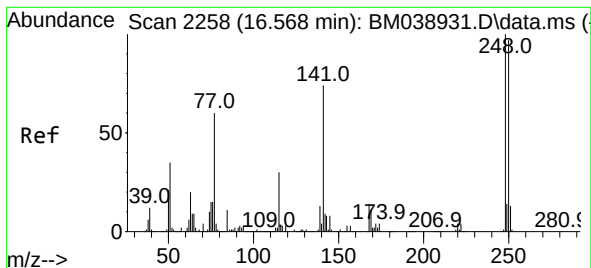
Tgt Ion:198 Resp: 372537
Ion Ratio Lower Upper
198 100
51 50.3 30.1 70.1
105 49.4 29.3 69.3



#66
n-Nitrosodiphenylamine
Concen: 41.574 ng
RT: 15.863 min Scan# 2138
Delta R.T. 0.000 min
Lab File: BM039070.D
Acq: 21 Mar 2023 15:45

Tgt Ion:169 Resp: 1561250
Ion Ratio Lower Upper
169 100
168 66.7 53.4 80.0
167 36.5 29.4 44.0

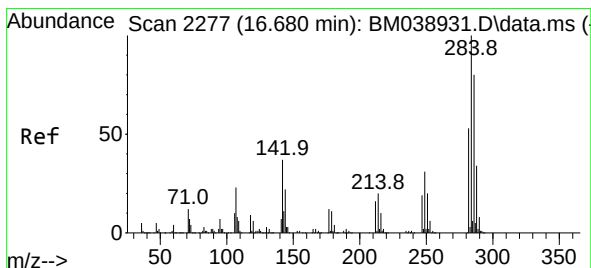
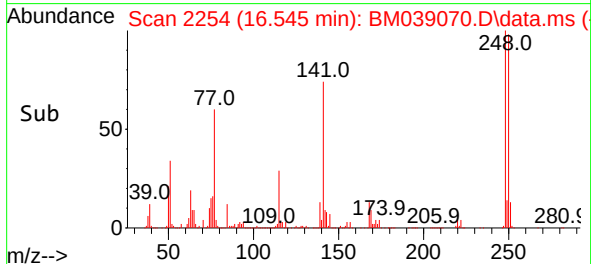
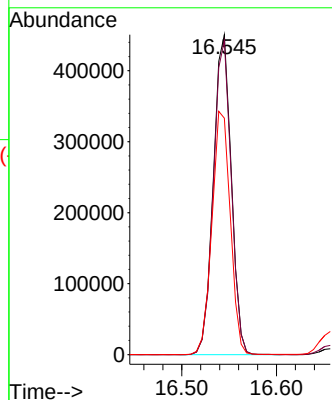
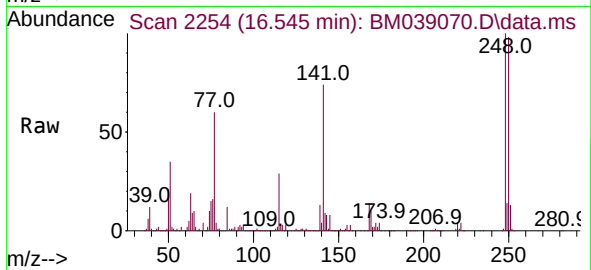




#67
4-Bromophenyl-phenylether
Concen: 49.284 ng
RT: 16.545 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM039070.D
Acq: 21 Mar 2023 15:45

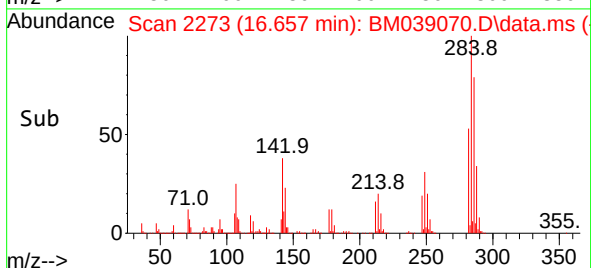
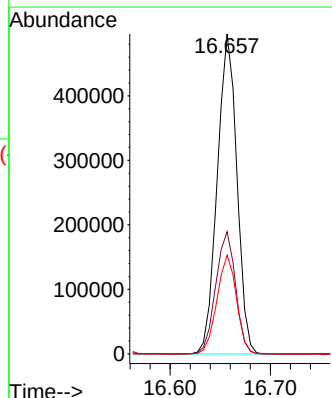
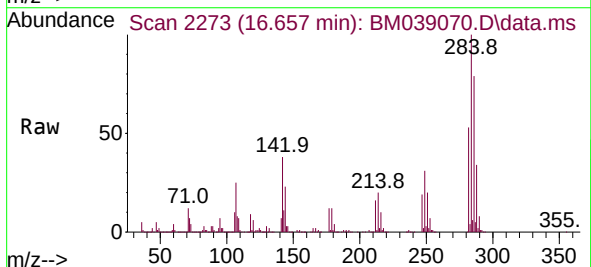
Instrument :
BNA_M
ClientSampleId :
NYE-SOIL-0316MSD

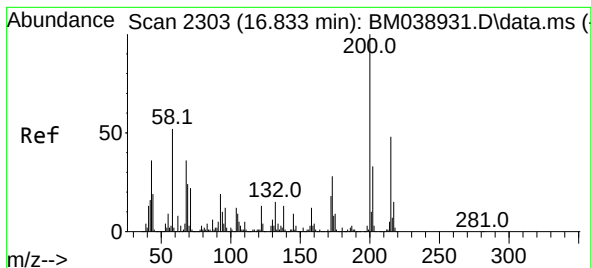
Tgt Ion:248 Resp: 592980
Ion Ratio Lower Upper
248 100
250 98.1 77.8 116.8
141 73.9 59.0 88.4



#68
Hexachlorobenzene
Concen: 50.124 ng
RT: 16.657 min Scan# 2273
Delta R.T. 0.000 min
Lab File: BM039070.D
Acq: 21 Mar 2023 15:45

Tgt Ion:284 Resp: 674198
Ion Ratio Lower Upper
284 100
142 38.2 29.5 44.3
249 30.8 25.0 37.4





#69

Atrazine

Concen: 27.071 ng

RT: 16.816 min Scan# 2300

Delta R.T. 0.000 min

Lab File: BM039070.D

Acq: 21 Mar 2023 15:45

Instrument :

BNA_M

ClientSampleId :

NYE-SOIL-0316MSD

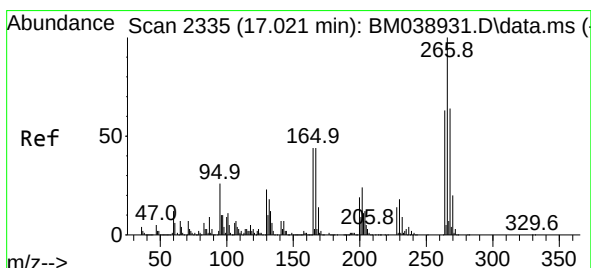
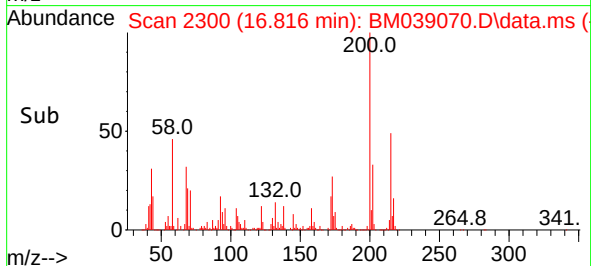
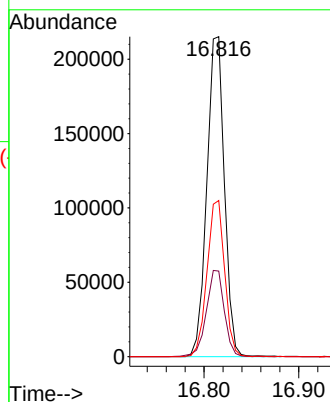
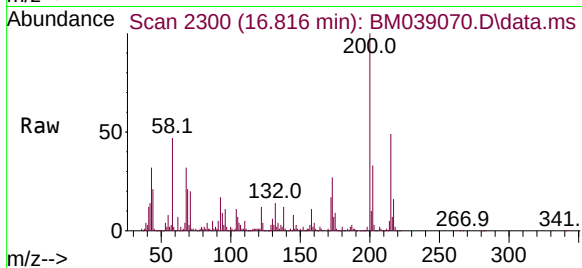
Tgt Ion:200 Resp: 277685

Ion Ratio Lower Upper

200 100

173 26.7 8.2 48.2

215 48.8 27.8 67.8



#70

Pentachlorophenol

Concen: 93.697 ng

RT: 16.998 min Scan# 2331

Delta R.T. 0.000 min

Lab File: BM039070.D

Acq: 21 Mar 2023 15:45

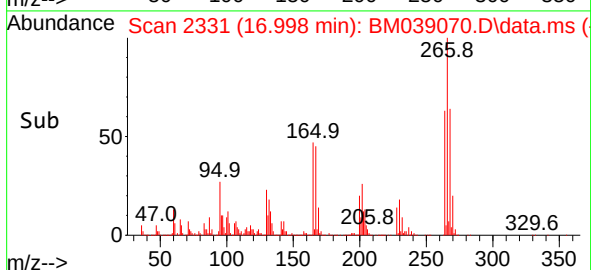
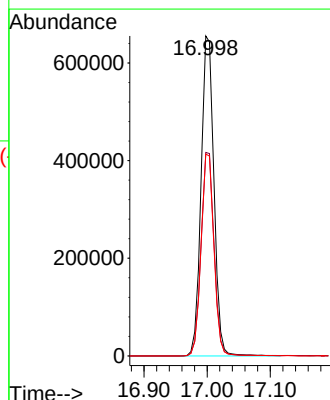
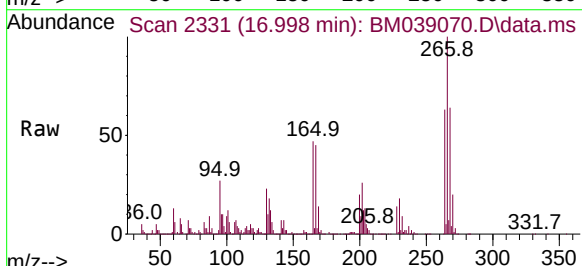
Tgt Ion:266 Resp: 926933

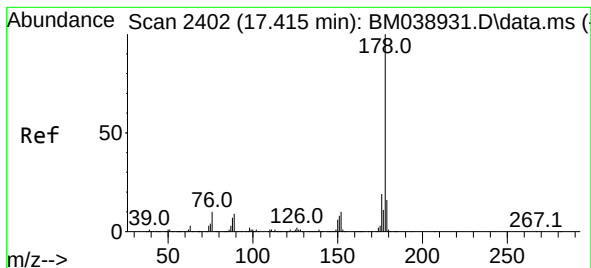
Ion Ratio Lower Upper

266 100

268 63.6 51.0 76.4

264 63.1 50.3 75.5





#71

Phenanthrene

Concen: 48.917 ng

RT: 17.392 min Scan# 2398

Delta R.T. 0.000 min

Lab File: BM039070.D

Acq: 21 Mar 2023 15:45

Instrument :

BNA_M

ClientSampleId :

NYE-SOIL-0316MSD

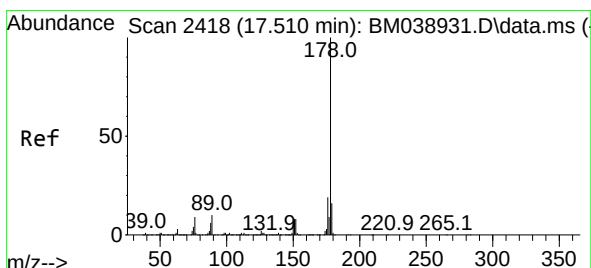
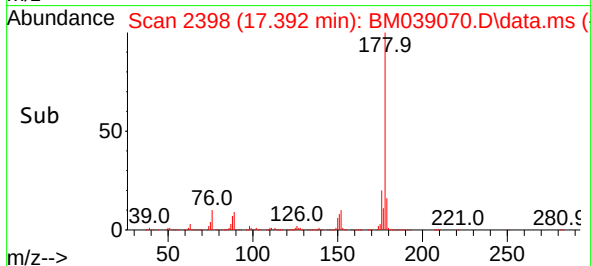
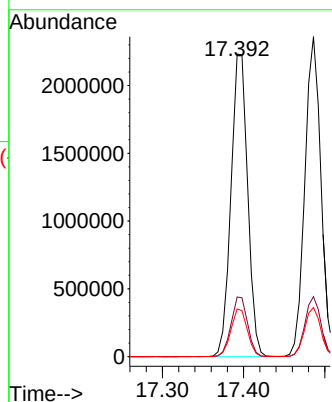
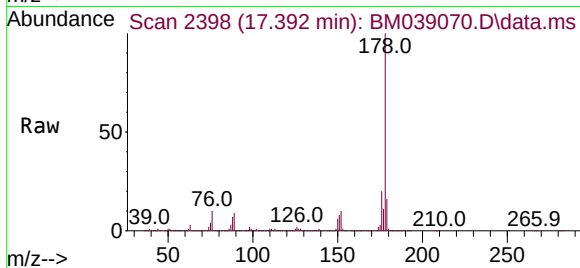
Tgt Ion:178 Resp: 3198110

Ion Ratio Lower Upper

178 100

176 19.7 15.6 23.4

179 15.7 12.5 18.7



#72

Anthracene

Concen: 49.707 ng

RT: 17.486 min Scan# 2414

Delta R.T. 0.000 min

Lab File: BM039070.D

Acq: 21 Mar 2023 15:45

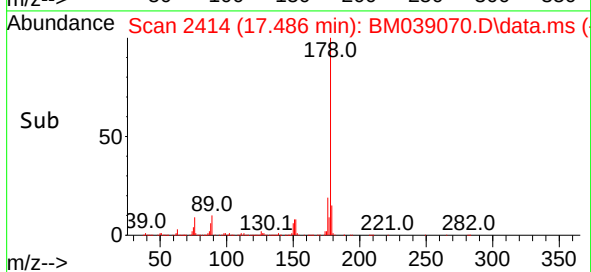
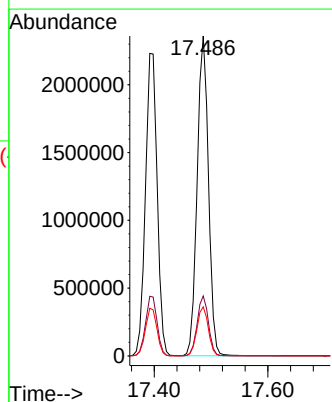
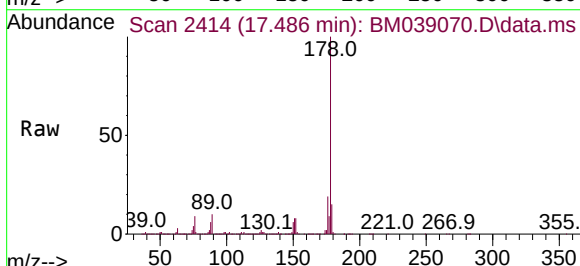
Tgt Ion:178 Resp: 3240889

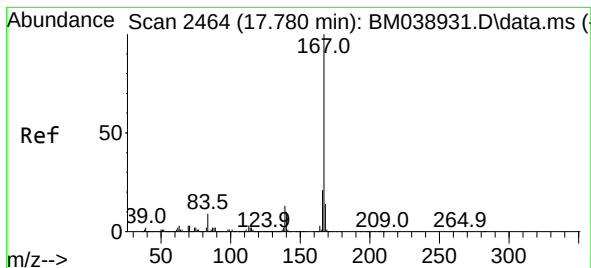
Ion Ratio Lower Upper

178 100

176 18.7 15.3 22.9

179 15.3 12.5 18.7





#73

Carbazole

Concen: 42.366 ng

RT: 17.757 min Scan# 24

Delta R.T. 0.000 min

Lab File: BM039070.D

Acq: 21 Mar 2023 15:45

Instrument :

BNA_M

ClientSampleId :

NYE-SOIL-0316MSD

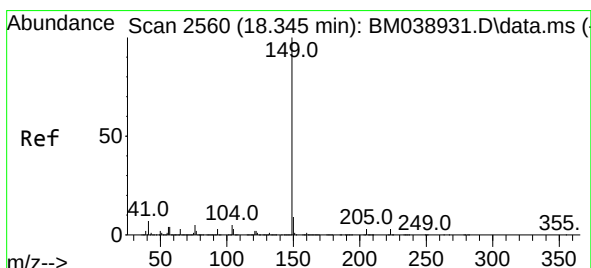
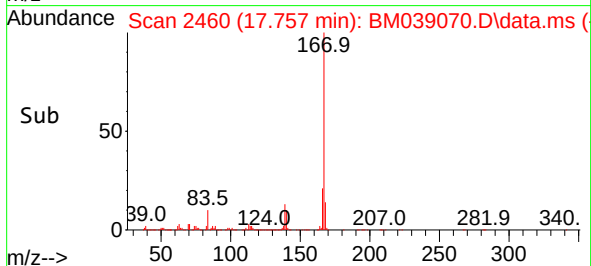
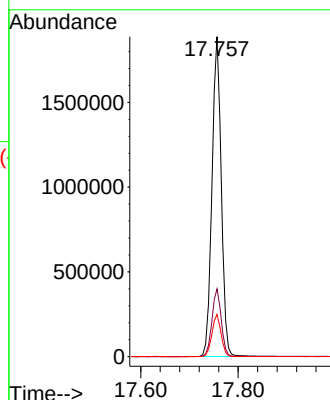
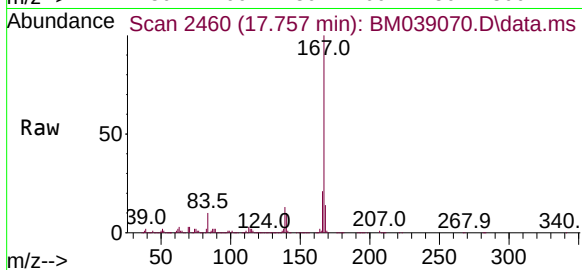
Tgt Ion:167 Resp: 2520999

Ion Ratio Lower Upper

167 100

166 21.2 17.0 25.4

139 13.2 10.3 15.5



#74

Di-n-butylphthalate

Concen: 49.793 ng

RT: 18.321 min Scan# 2556

Delta R.T. 0.000 min

Lab File: BM039070.D

Acq: 21 Mar 2023 15:45

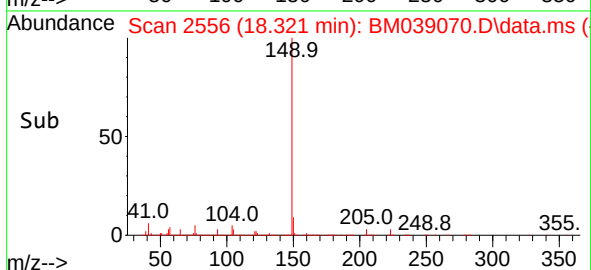
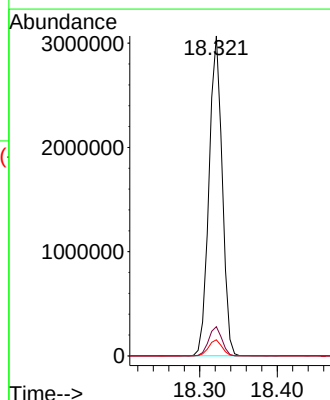
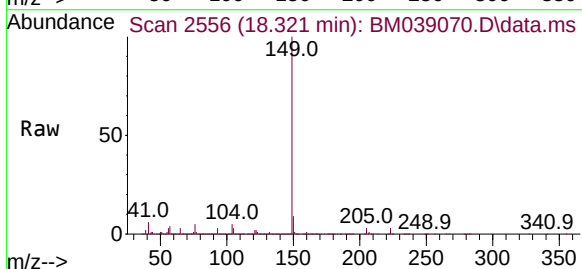
Tgt Ion:149 Resp: 3618871

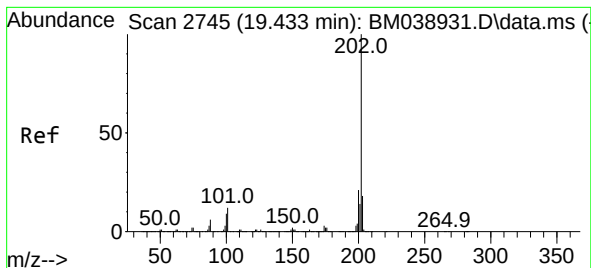
Ion Ratio Lower Upper

149 100

150 9.1 7.4 11.2

104 5.0 4.3 6.5





#75

Fluoranthene

Concen: 50.700 ng

RT: 19.410 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM039070.D

Acq: 21 Mar 2023 15:45

Instrument :

BNA_M

ClientSampleId :

NYE-SOIL-0316MSD

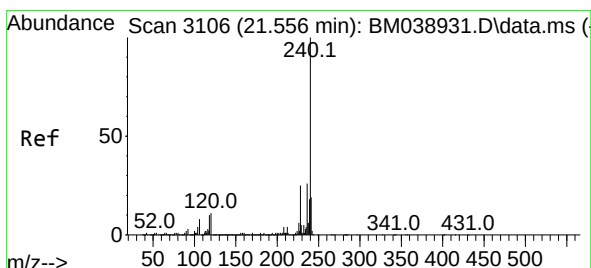
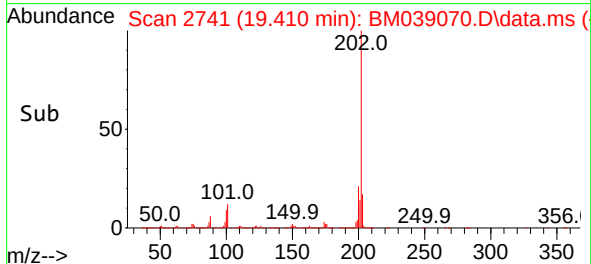
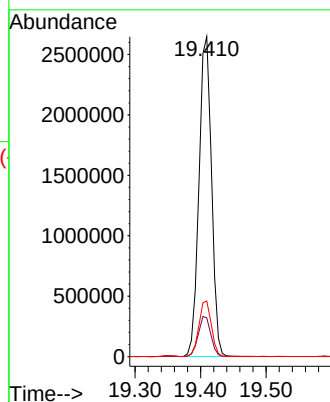
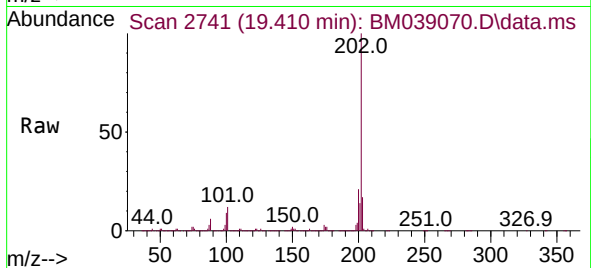
Tgt Ion:202 Resp: 3499811

Ion Ratio Lower Upper

202 100

101 12.1 0.0 31.7

203 17.4 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: BM039070.D

Acq: 21 Mar 2023 15:45

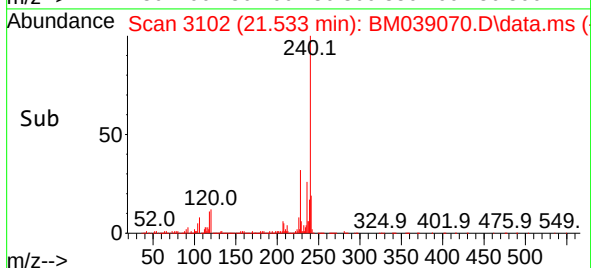
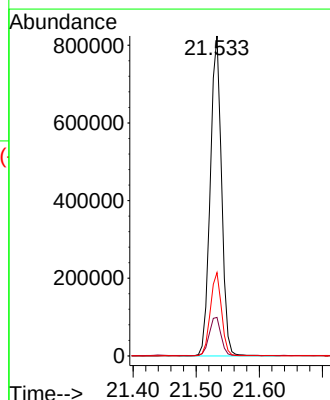
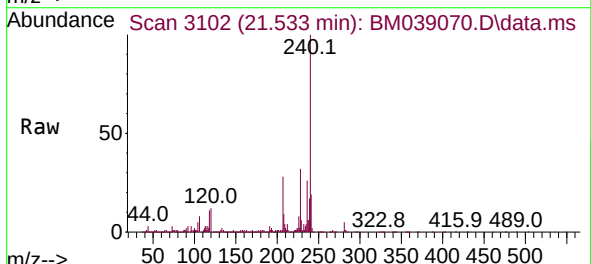
Tgt Ion:240 Resp: 1020493

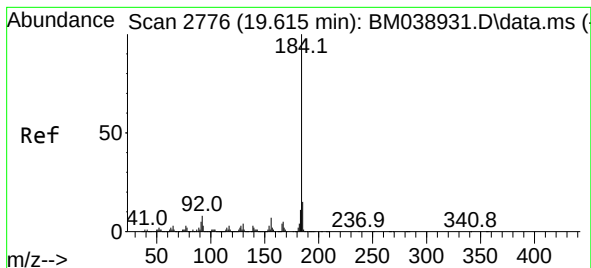
Ion Ratio Lower Upper

240 100

120 12.0 9.2 13.8

236 26.0 20.8 31.2





#77

Benzidine

Concen: 30.195 ng

RT: 19.592 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM039070.D

Acq: 21 Mar 2023 15:45

Instrument :

BNA_M

ClientSampleId :

NYE-SOIL-0316MSD

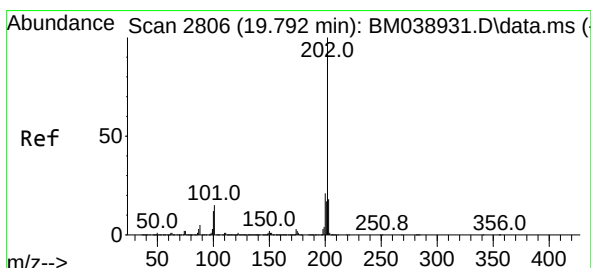
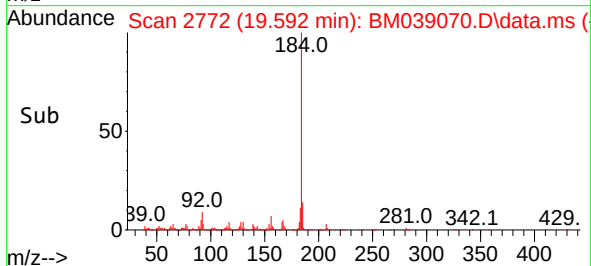
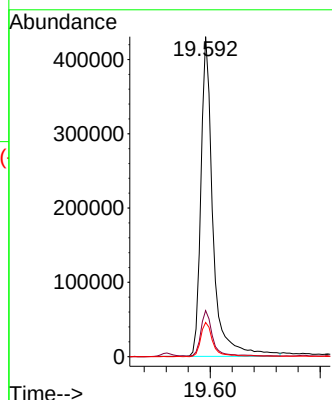
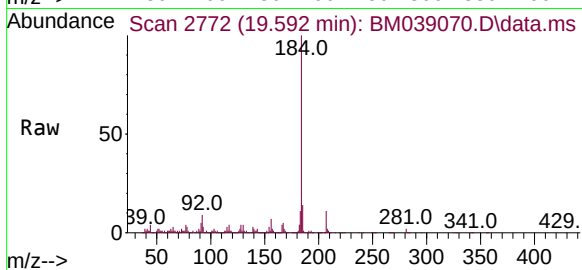
Tgt Ion:184 Resp: 655555

Ion Ratio Lower Upper

184 100

185 14.4 12.2 18.4

183 10.7 8.8 13.2



#78

Pyrene

Concen: 48.359 ng

RT: 19.768 min Scan# 2802

Delta R.T. 0.000 min

Lab File: BM039070.D

Acq: 21 Mar 2023 15:45

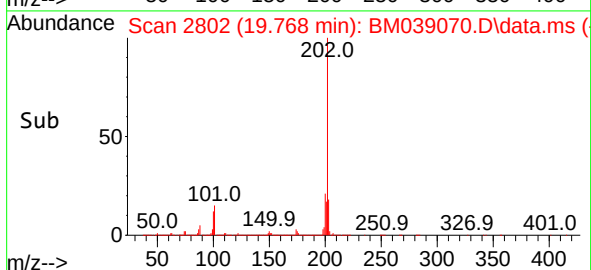
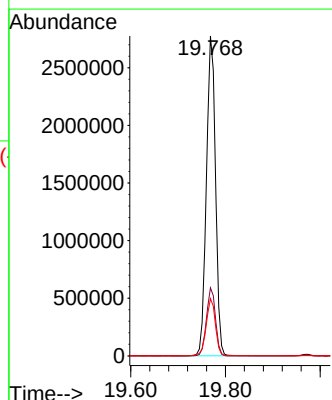
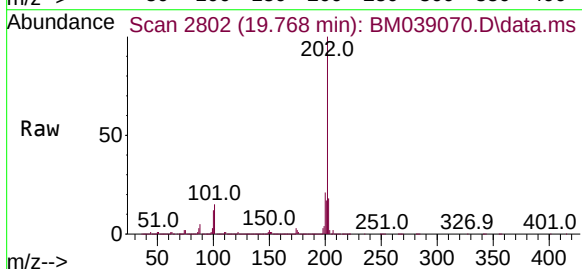
Tgt Ion:202 Resp: 3706555

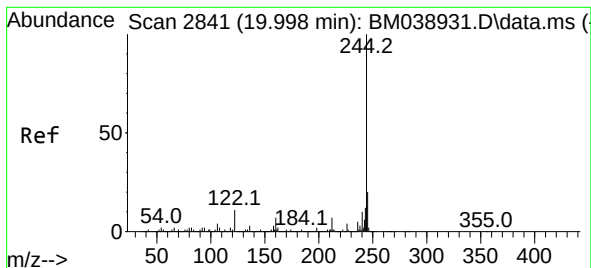
Ion Ratio Lower Upper

202 100

200 21.3 17.1 25.7

203 17.9 14.1 21.1





#79

Terphenyl-d14

Concen: 99.913 ng

RT: 19.974 min Scan# 2841

Delta R.T. 0.006 min

Lab File: BM039070.D

Acq: 21 Mar 2023 15:45

Instrument :

BNA_M

ClientSampleId :

NYE-SOIL-0316MSD

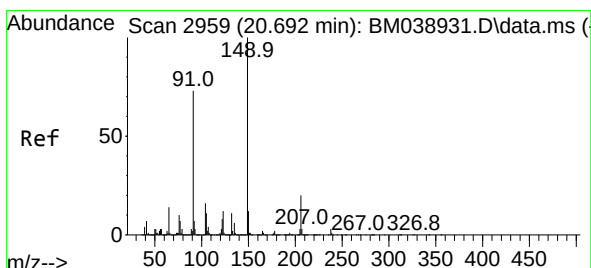
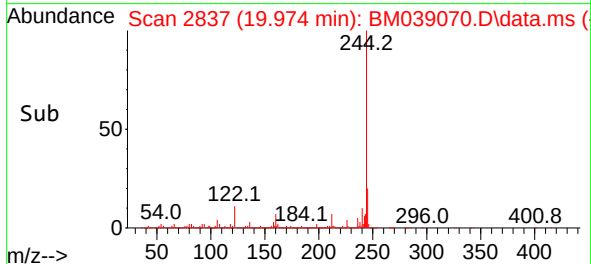
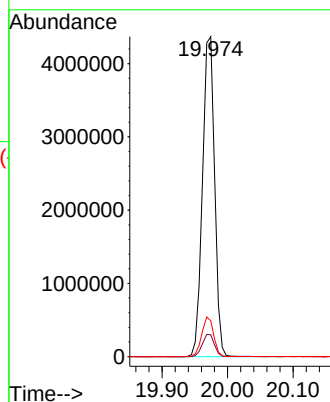
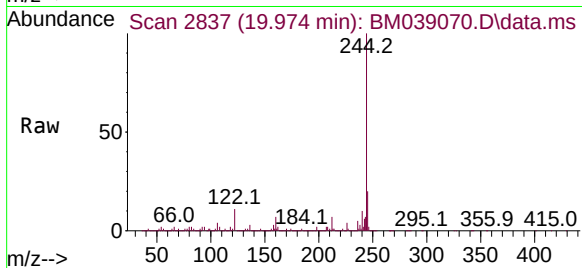
Tgt Ion:244 Resp: 5576676

Ion Ratio Lower Upper

244 100

212 6.8 5.5 8.3

122 11.2 9.0 13.4



#80

Butylbenzylphthalate

Concen: 50.567 ng

RT: 20.662 min Scan# 2954

Delta R.T. 0.000 min

Lab File: BM039070.D

Acq: 21 Mar 2023 15:45

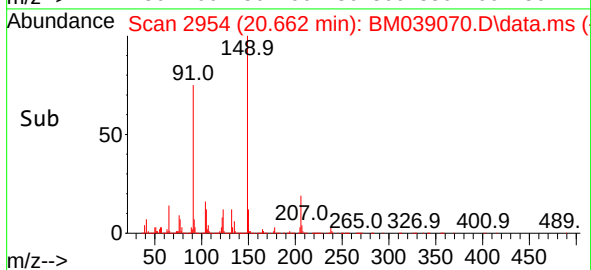
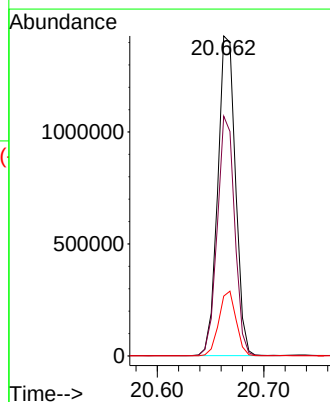
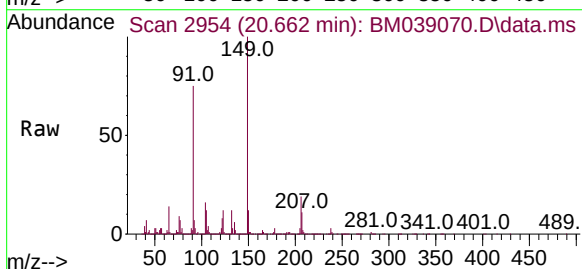
Tgt Ion:149 Resp: 1654219

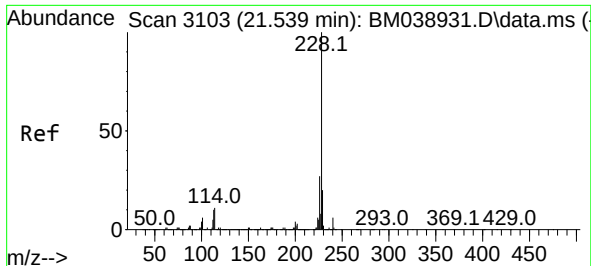
Ion Ratio Lower Upper

149 100

91 74.9 58.4 87.6

206 18.7 16.1 24.1

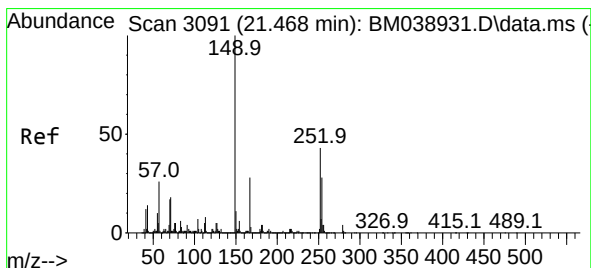
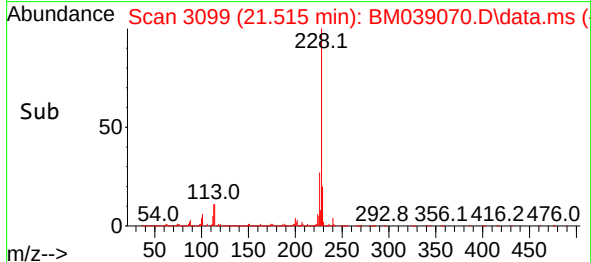
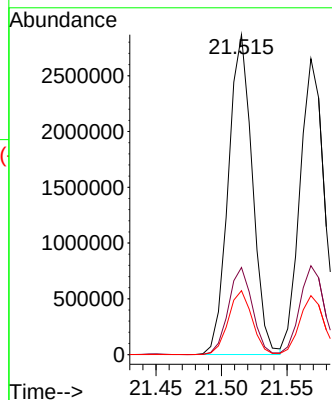
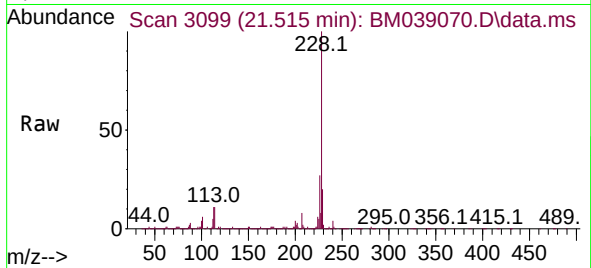




#81
Benzo(a)anthracene
Concen: 49.890 ng
RT: 21.515 min Scan# 3087
Delta R.T. 0.000 min
Lab File: BM039070.D
Acq: 21 Mar 2023 15:45

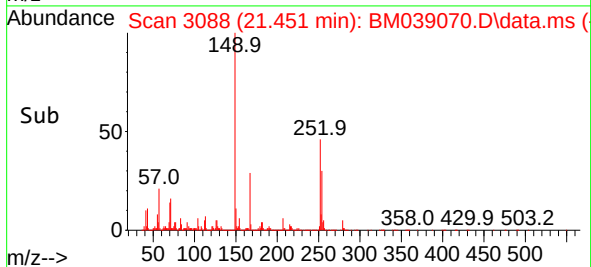
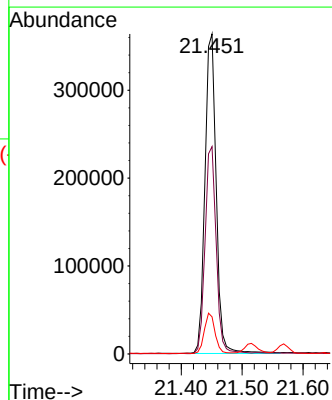
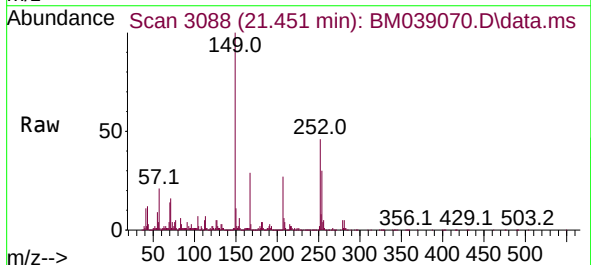
Instrument :
BNA_M
ClientSampleId :
NYE-SOIL-0316MSD

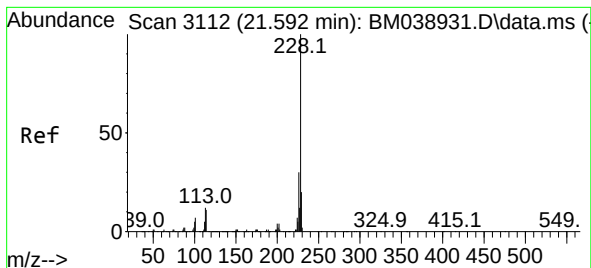
Tgt Ion:228 Resp: 3666480
Ion Ratio Lower Upper
228 100
226 27.2 21.4 32.2
229 20.0 15.7 23.5



#82
3,3'-Dichlorobenzidine
Concen: 20.601 ng
RT: 21.451 min Scan# 3088
Delta R.T. 0.006 min
Lab File: BM039070.D
Acq: 21 Mar 2023 15:45

Tgt Ion:252 Resp: 465299
Ion Ratio Lower Upper
252 100
254 64.8 51.5 77.3
126 11.6 9.9 14.9





#83

Chrysene

Concen: 47.793 ng

RT: 21.568 min Scan# 31

Delta R.T. 0.000 min

Lab File: BM039070.D

Acq: 21 Mar 2023 15:45

Instrument :

BNA_M

ClientSampleId :

NYE-SOIL-0316MSD

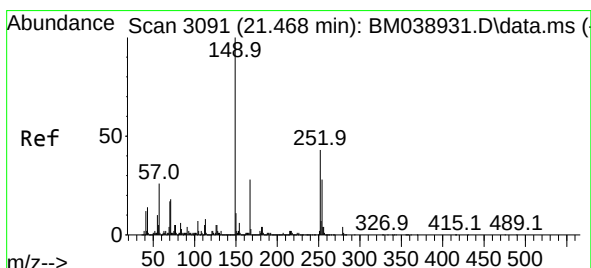
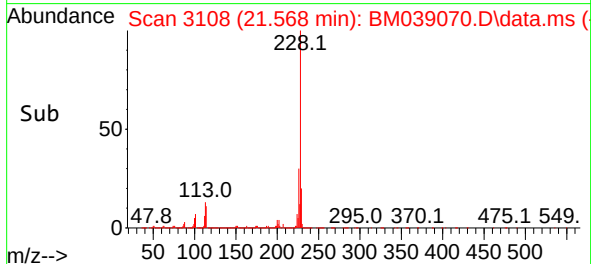
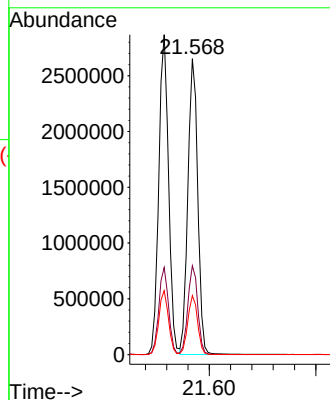
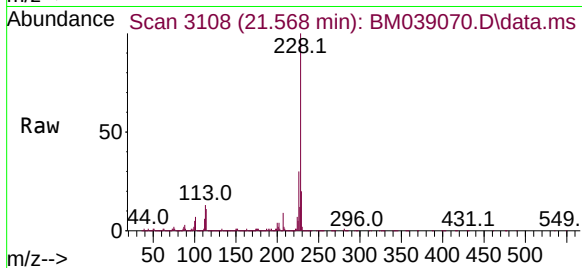
Tgt Ion:228 Resp: 3416058

Ion Ratio Lower Upper

228 100

226 30.0 24.0 36.0

229 19.9 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.064 ng

RT: 21.439 min Scan# 3086

Delta R.T. 0.000 min

Lab File: BM039070.D

Acq: 21 Mar 2023 15:45

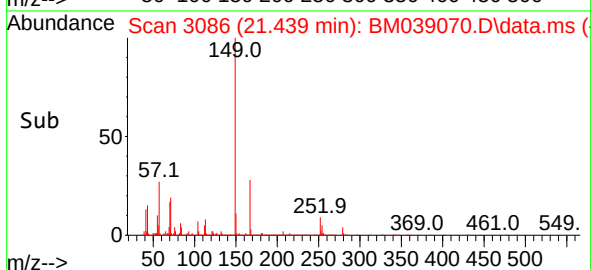
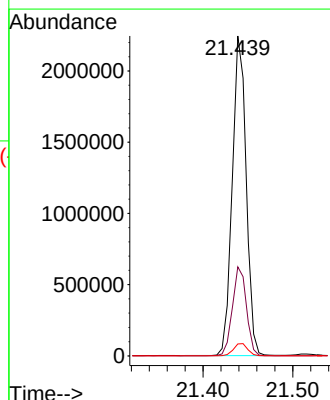
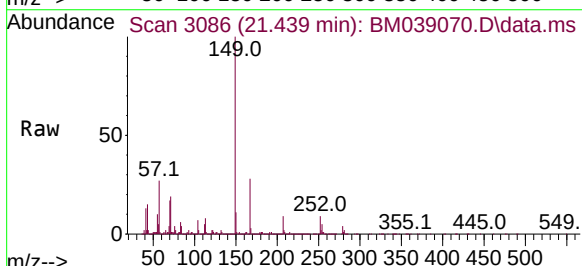
Tgt Ion:149 Resp: 2414111

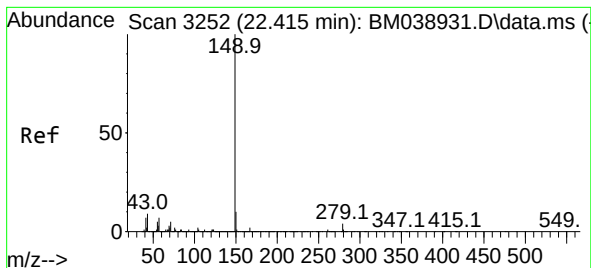
Ion Ratio Lower Upper

149 100

167 27.8 22.3 33.5

279 3.7 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 53.852 ng

RT: 22.380 min Scan# 31

Delta R.T. 0.006 min

Lab File: BM039070.D

Acq: 21 Mar 2023 15:45

Instrument :

BNA_M

ClientSampleId :

NYE-SOIL-0316MSD

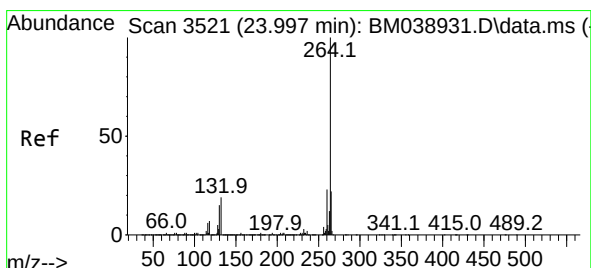
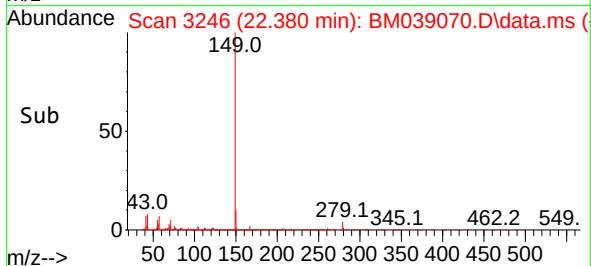
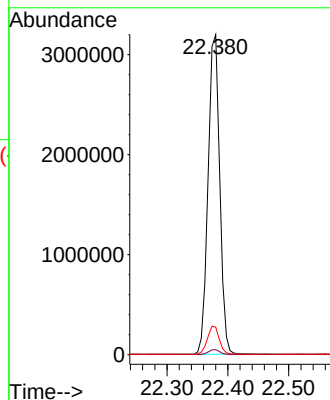
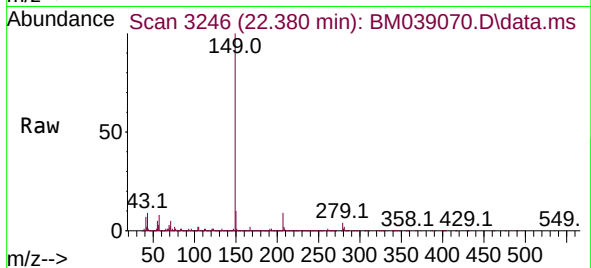
Tgt Ion:149 Resp: 4250456

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: BM039070.D

Acq: 21 Mar 2023 15:45

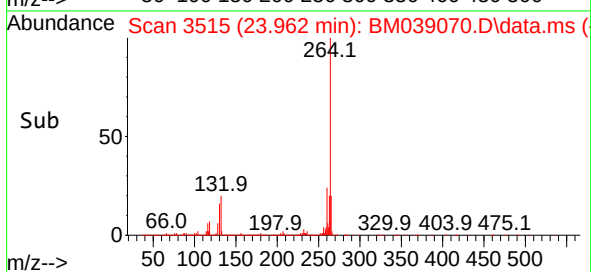
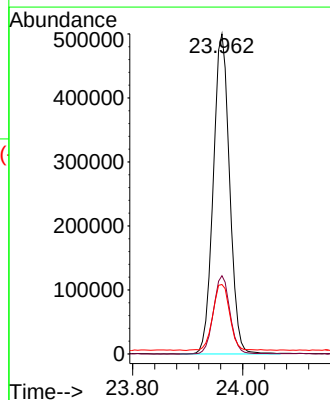
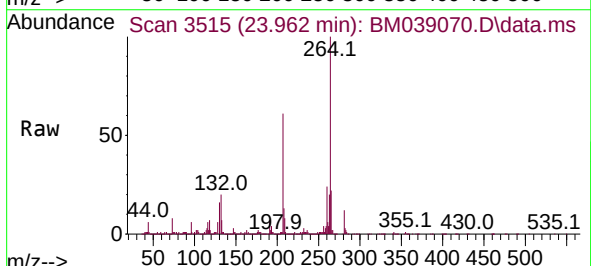
Tgt Ion:264 Resp: 1030659

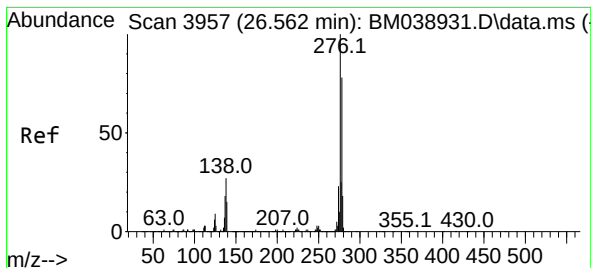
Ion Ratio Lower Upper

264 100

260 24.4 18.7 28.1

265 21.7 17.9 26.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 57.765 ng

RT: 26.497 min Scan# 3946

Delta R.T. 0.000 min

Lab File: BM039070.D

Acq: 21 Mar 2023 15:45

Instrument :

BNA_M

ClientSampleId :

NYE-SOIL-0316MSD

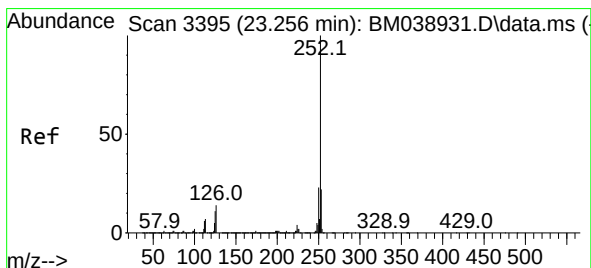
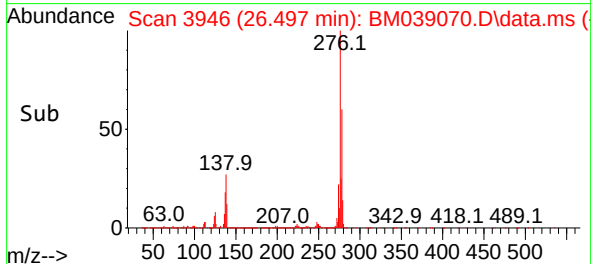
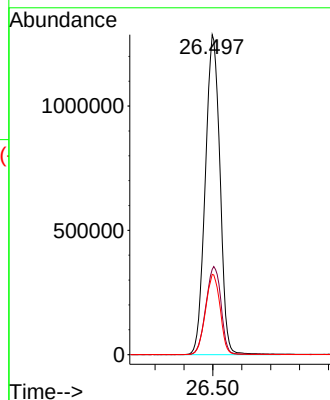
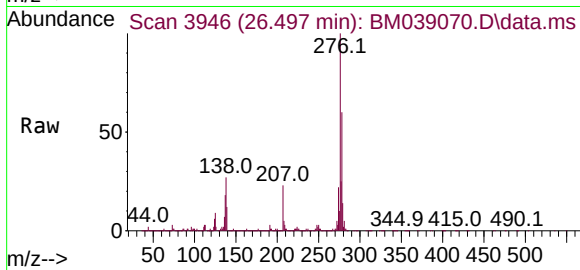
Tgt Ion:276 Resp: 4530228

Ion Ratio Lower Upper

276 100

138 28.4 22.1 33.1

277 25.2 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 57.810 ng

RT: 23.221 min Scan# 3389

Delta R.T. 0.000 min

Lab File: BM039070.D

Acq: 21 Mar 2023 15:45

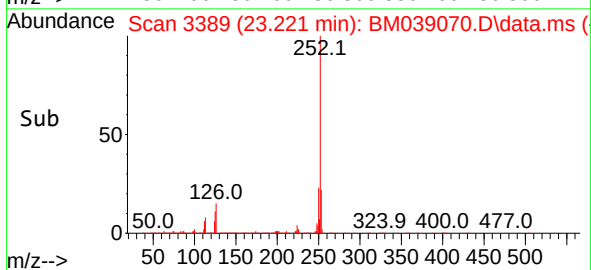
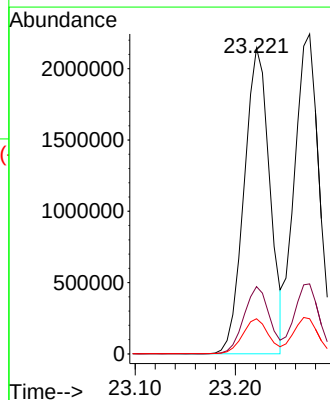
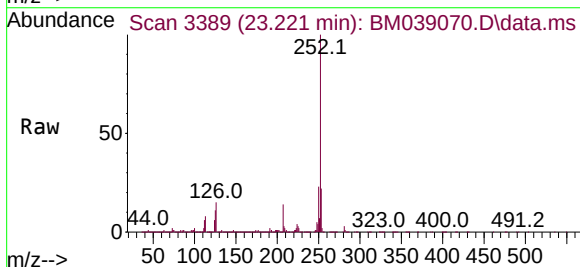
Tgt Ion:252 Resp: 3806492

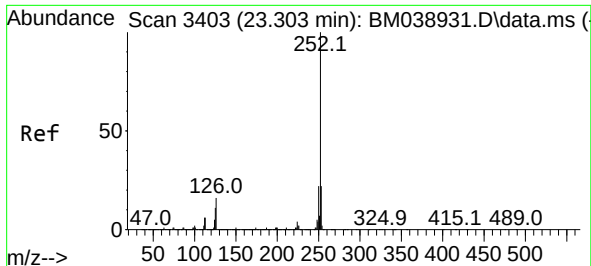
Ion Ratio Lower Upper

252 100

253 22.0 17.6 26.4

125 11.5 8.8 13.2

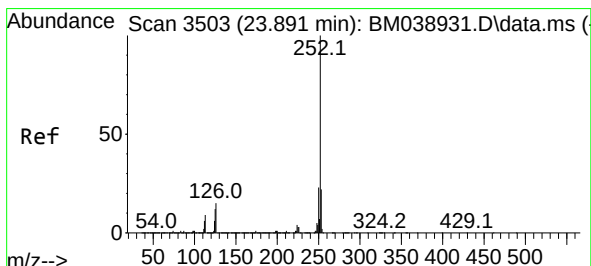
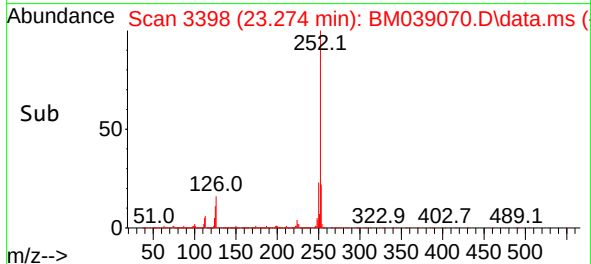
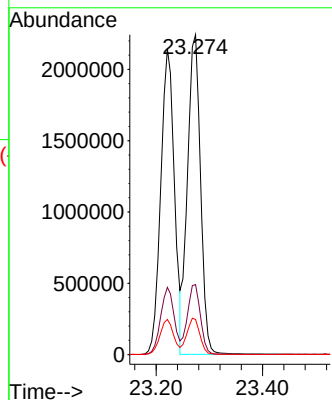
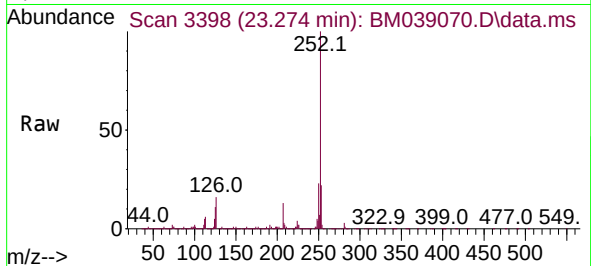




#89
Benzo(k)fluoranthene
Concen: 55.794 ng
RT: 23.274 min Scan# 3403
Delta R.T. 0.006 min
Lab File: BM039070.D
Acq: 21 Mar 2023 15:45

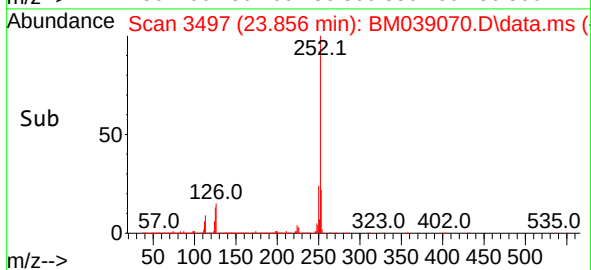
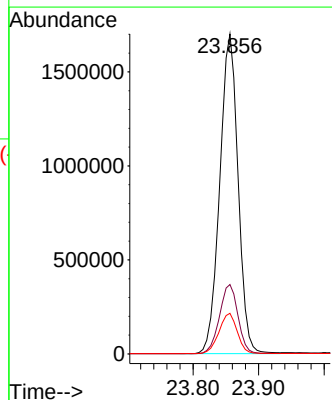
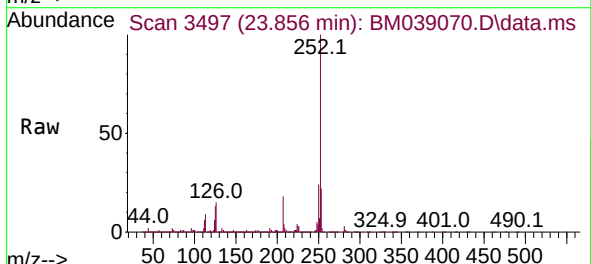
Instrument :
BNA_M
ClientSampleId :
NYE-SOIL-0316MSD

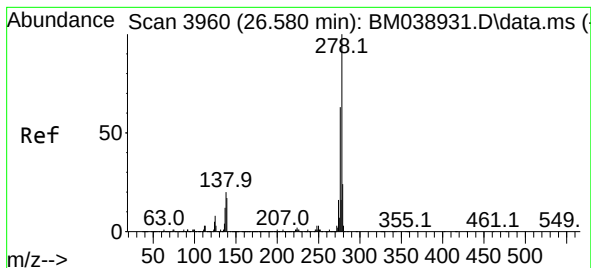
Tgt Ion:252 Resp: 3823268
Ion Ratio Lower Upper
252 100
253 21.9 17.5 26.3
125 11.0 8.9 13.3



#90
Benzo(a)pyrene
Concen: 52.216 ng
RT: 23.856 min Scan# 3497
Delta R.T. 0.000 min
Lab File: BM039070.D
Acq: 21 Mar 2023 15:45

Tgt Ion:252 Resp: 3309001
Ion Ratio Lower Upper
252 100
253 21.7 17.6 26.4
125 12.7 9.8 14.8





#91

Dibenzo(a,h)anthracene

Concen: 58.593 ng

RT: 26.521 min Scan# 39

Delta R.T. 0.012 min

Lab File: BM039070.D

Acq: 21 Mar 2023 15:45

Instrument :

BNA_M

ClientSampleId :

NYE-SOIL-0316MSD

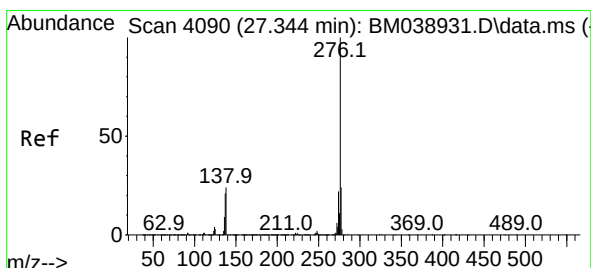
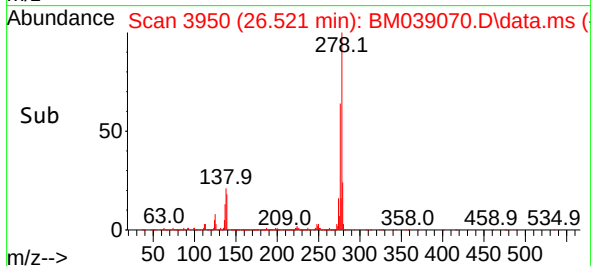
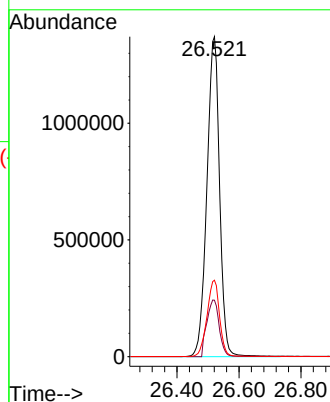
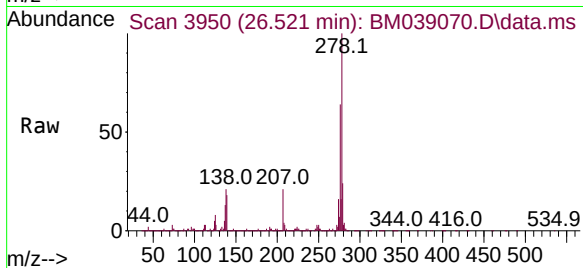
Tgt Ion:278 Resp: 3891534

Ion Ratio Lower Upper

278 100

139 17.6 13.7 20.5

279 23.9 18.9 28.3



#92

Benzo(g,h,i)perylene

Concen: 56.803 ng

RT: 27.280 min Scan# 4079

Delta R.T. 0.006 min

Lab File: BM039070.D

Acq: 21 Mar 2023 15:45

Tgt Ion:276 Resp: 3691014

Ion Ratio Lower Upper

276 100

277 23.7 19.3 28.9

138 24.9 19.0 28.6

