

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020924\
 Data File : BM044034.D
 Acq On : 09 Feb 2024 11:53
 Operator : MA/JU
 Sample : 03572-01
 Misc : LOD-MDL-SOIL-8ppm
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2023

Quant Time: Feb 09 12:22:10 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 09 02:42:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.910	152	491317	20.000	ng	0.00
21) Naphthalene-d8	10.710	136	2149777	20.000	ng	0.00
39) Acenaphthene-d10	14.551	164	1268335	20.000	ng	0.00
64) Phenanthrene-d10	17.304	188	2501626	20.000	ng	0.00
76) Chrysene-d12	21.503	240	1956563	20.000	ng	0.00
86) Perylene-d12	23.897	264	2131650	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	3177501	94.063	ng	0.00
7) Phenol-d6	7.081	99	4146630	96.477	ng	0.00
23) Nitrobenzene-d5	9.081	82	2801421	69.148	ng	0.00
42) 2,4,6-Tribromophenol	16.045	330	1337148	97.370	ng	0.00
45) 2-Fluorobiphenyl	13.180	172	5906594	65.725	ng	0.00
79) Terphenyl-d14	19.945	244	7428428	66.557	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.387	88	97256	7.254	ng	97
3) Pyridine	3.787	79	215907	6.100	ng	99
4) n-Nitrosodimethylamine	3.710	42	93547	6.966	ng	# 95
6) Aniline	7.239	93	357001	8.448	ng	98
8) 2-Chlorophenol	7.469	128	252640	7.162	ng	97
9) Benzaldehyde	7.057	77	225092	10.191	ng	99
10) Phenol	7.104	94	313722	7.232	ng	98
11) bis(2-Chloroethyl)ether	7.345	93	258603	7.199	ng	100
12) 1,3-Dichlorobenzene	7.792	146	277384	6.926	ng	99
13) 1,4-Dichlorobenzene	7.945	146	282893	7.007	ng	99
14) 1,2-Dichlorobenzene	8.257	146	269551	7.007	ng	100
15) Benzyl Alcohol	8.151	79	207694	7.422	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.445	45	334638	7.349	ng	98
17) 2-Methylphenol	8.351	107	200378	7.037	ng	97
18) Hexachloroethane	8.981	117	102477	6.779	ng	99
19) n-Nitroso-di-n-propyla...	8.722	70	196089	7.430	ng	99
20) 3+4-Methylphenols	8.681	107	272742	6.959	ng	98
22) Acetophenone	8.739	105	398452	7.302	ng	# 98
24) Nitrobenzene	9.122	77	294026	7.087	ng	99
25) Isophorone	9.639	82	537992	6.896	ng	98
26) 2-Nitrophenol	9.828	139	119537	6.215	ng	100
27) 2,4-Dimethylphenol	9.886	122	175714	7.144	ng	99
28) bis(2-Chloroethoxy)met...	10.133	93	356149	7.059	ng	98
29) 2,4-Dichlorophenol	10.357	162	211783	6.540	ng	99
30) 1,2,4-Trichlorobenzene	10.569	180	242438	6.658	ng	98
31) Naphthalene	10.763	128	820470	6.915	ng	99
32) Benzoic acid	9.963	122	93025	3.755	ng	99
33) 4-Chloroaniline	10.880	127	325729	7.250	ng	98
34) Hexachlorobutadiene	11.033	225	133509	6.406	ng	98
35) Caprolactam	11.651	113	63399	6.084	ng	95
36) 4-Chloro-3-methylphenol	11.998	107	232670	6.636	ng	99
37) 2-Methylnaphthalene	12.374	142	538906	6.819	ng	97
38) 1-Methylnaphthalene	12.592	142	529524	6.818	ng	99
40) 1,2,4,5-Tetrachloroben...	12.733	216	257175	6.976	ng	99
41) Hexachlorocyclopentadiene	12.710	237	110272	6.854	ng	96

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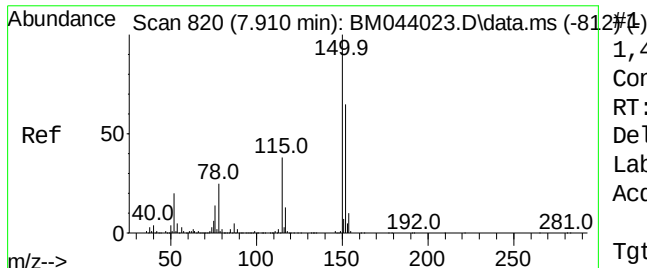
Quant Time: Feb 09 12:22:10 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 09 02:42:01 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	12.980	196	158675	6.324	ng	99
44) 2,4,5-Trichlorophenol	13.045	196	174193	6.327	ng	97
46) 1,1'-Biphenyl	13.386	154	723746	7.232	ng	100
47) 2-Chloronaphthalene	13.427	162	542969	6.849	ng	99
48) 2-Nitroaniline	13.639	65	141507	6.345	ng	93
49) Acenaphthylene	14.274	152	878109	7.424	ng	99
50) Dimethylphthalate	14.021	163	659778	7.016	ng	99
51) 2,6-Dinitrotoluene	14.139	165	131237	6.325	ng	94
52) Acenaphthene	14.615	154	505825	6.910	ng	99
53) 3-Nitroaniline	14.468	138	141868	6.362	ng	96
54) 2,4-Dinitrophenol	14.668	184	48441	9.205	ng	97
55) Dibenzofuran	14.951	168	817687	7.217	ng	99
56) 4-Nitrophenol	14.768	139	103307	5.699	ng	94
57) 2,4-Dinitrotoluene	14.921	165	164788	6.077	ng	98
58) Fluorene	15.598	166	644060	7.357	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.174	232	149344	6.913	ng	99
60) Diethylphthalate	15.386	149	654259	6.732	ng	100
61) 4-Chlorophenyl-phenyle...	15.604	204	308242	7.266	ng	99
62) 4-Nitroaniline	15.627	138	133485	5.947	ng	97
63) Azobenzene	15.892	77	630763	6.918	ng	98
65) 4,6-Dinitro-2-methylph...	15.680	198	72309	4.851	ng	98
66) n-Nitrosodiphenylamine	15.815	169	533599	7.021	ng	99
67) 4-Bromophenyl-phenylether	16.498	248	161826	6.543	ng	98
68) Hexachlorobenzene	16.592	284	204488	6.749	ng	100
69) Atrazine	16.774	200	173020	8.407	ng	99
70) Pentachlorophenol	16.945	266	101547	5.152	ng	98
71) Phenanthrene	17.345	178	946863	7.168	ng	100
72) Anthracene	17.433	178	922235	7.052	ng	99
73) Carbazole	17.709	167	870906	6.847	ng	100
74) Di-n-butylphthalate	18.292	149	1049985	6.351	ng	99
75) Fluoranthene	19.362	202	991454	6.681	ng	99
77) Benzidine	19.562	184	320264	10.533	ng	99
78) Pyrene	19.727	202	1040809	6.907	ng	99
80) Butylbenzylphthalate	20.650	149	396816	5.924	ng	98
81) Benzo(a)anthracene	21.486	228	951170	6.989	ng	99
82) 3,3'-Dichlorobenzidine	21.427	252	321417	7.198	ng	99
83) Chrysene	21.539	228	867791	6.749	ng	100
84) Bis(2-ethylhexyl)phtha...	21.433	149	617554	6.249	ng	98
85) Di-n-octyl phthalate	22.374	149	944865	5.474	ng	98
87) Indeno(1,2,3-cd)pyrene	26.374	276	1006983	6.674	ng	100
88) Benzo(b)fluoranthene	23.168	252	914828	6.865	ng	99
89) Benzo(k)fluoranthene	23.215	252	851895	6.728	ng	99
90) Benzo(a)pyrene	23.785	252	760303	6.532	ng	99
91) Dibenzo(a,h)anthracene	26.403	278	854858	6.774	ng	99
92) Benzo(g,h,i)perylene	27.132	276	812249	6.346	ng	99

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

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BNA_M
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LOD-MDL-SOIL-01-QT3-2023

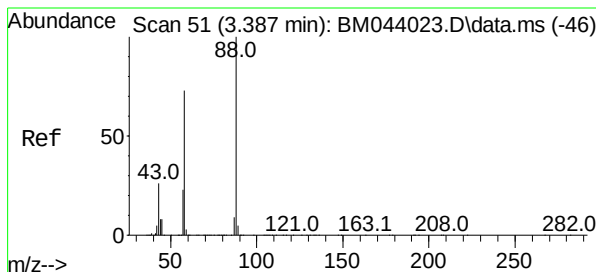
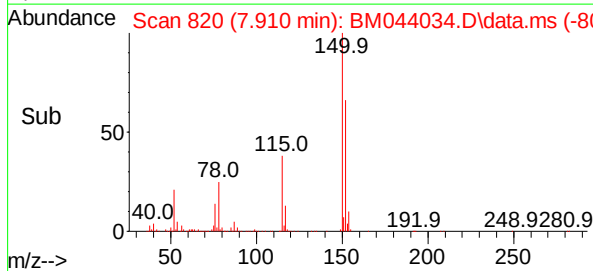
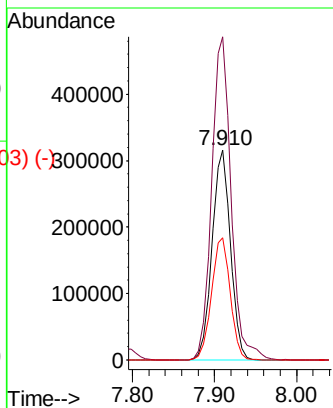
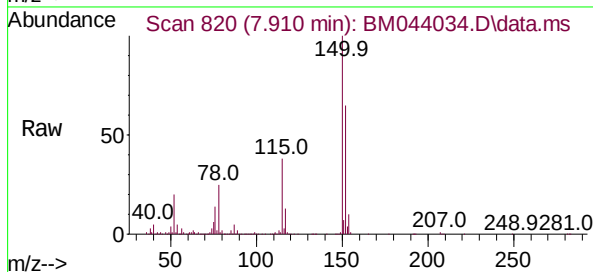
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1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.910 min Scan# 812
 Delta R.T. 0.000 min
 Lab File: BM044034.D
 Acq: 09 Feb 2024 11:53

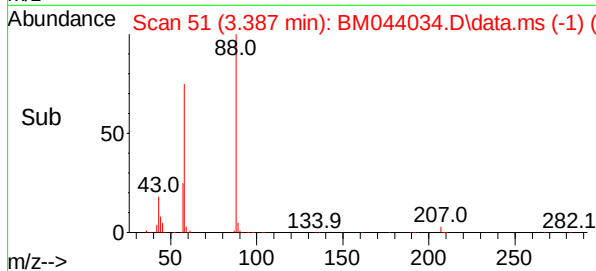
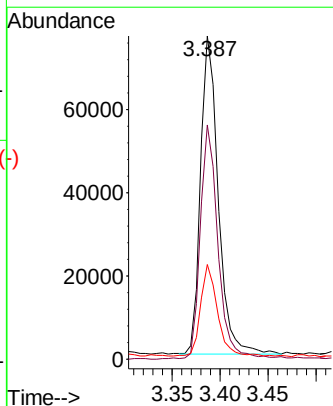
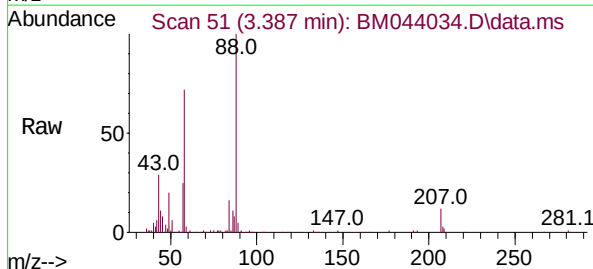
Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2023

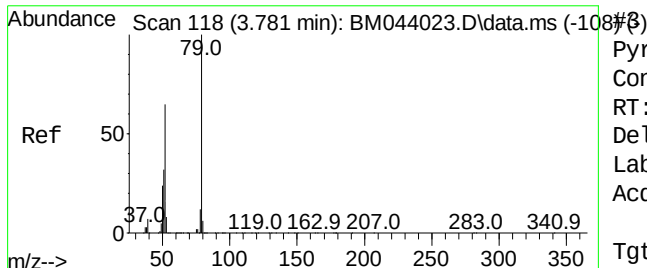
Tgt Ion:152 Resp: 491317
 Ion Ratio Lower Upper
 152 100
 150 154.0 122.7 184.1
 115 58.3 47.0 70.6



1,4-Dioxane
 Concen: 7.254 ng
 RT: 3.387 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: BM044034.D
 Acq: 09 Feb 2024 11:53

Tgt Ion: 88 Resp: 97256
 Ion Ratio Lower Upper
 88 100
 58 75.1 58.1 87.1
 43 28.1 21.1 31.7





Pyridine

Concen: 6.100 ng

RT: 3.787 min Scan# 118

Delta R.T. 0.006 min

Lab File: BM044034.D

Acq: 09 Feb 2024 11:53

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2023

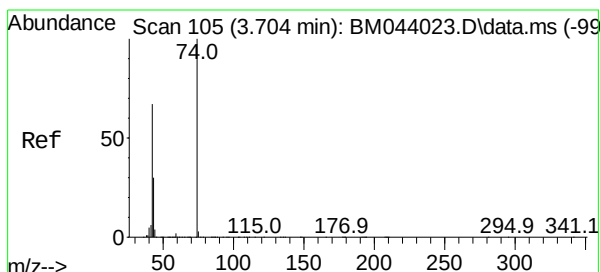
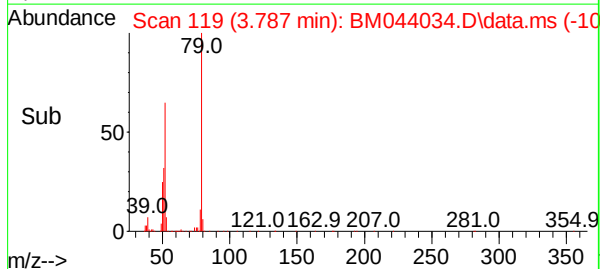
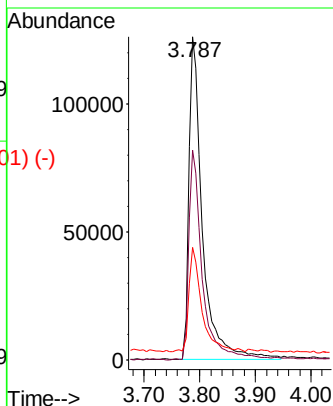
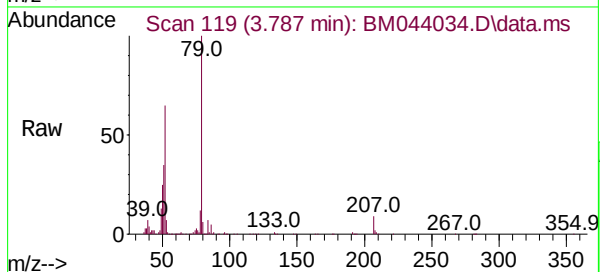
Tgt Ion: 79 Resp: 215907

Ion Ratio Lower Upper

79 100

52 64.9 52.2 78.2

51 34.9 26.2 39.4



n-Nitrosodimethylamine

Concen: 6.966 ng

RT: 3.710 min Scan# 106

Delta R.T. 0.006 min

Lab File: BM044034.D

Acq: 09 Feb 2024 11:53

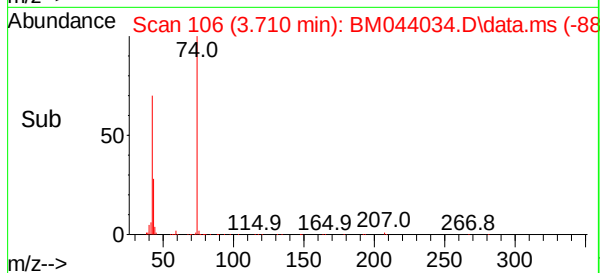
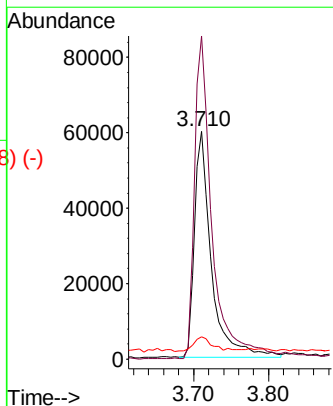
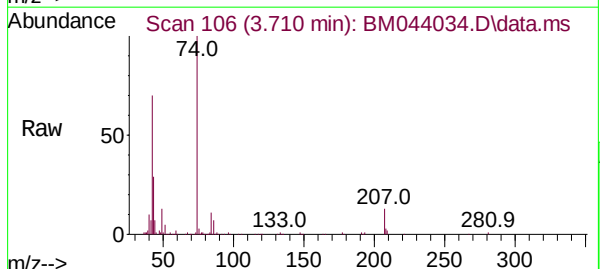
Tgt Ion: 42 Resp: 93547

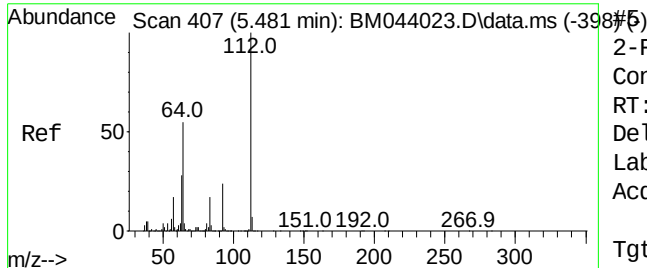
Ion Ratio Lower Upper

42 100

74 141.9 118.6 178.0

44 9.8 5.6 8.4#





2-Fluorophenol

Concen: 94.063 ng

RT: 5.481 min Scan# 407

Delta R.T. -0.000 min

Lab File: BM044034.D

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Instrument :

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ClientSampleId :

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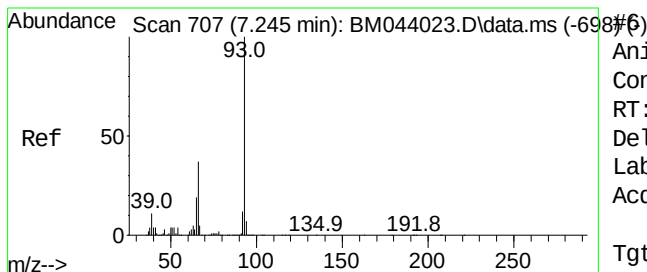
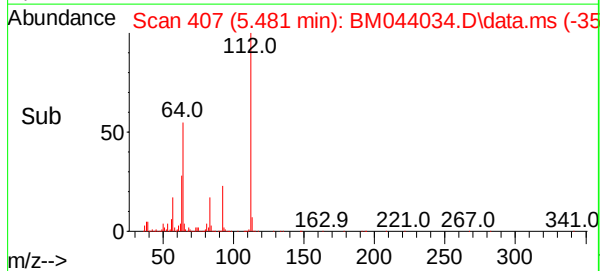
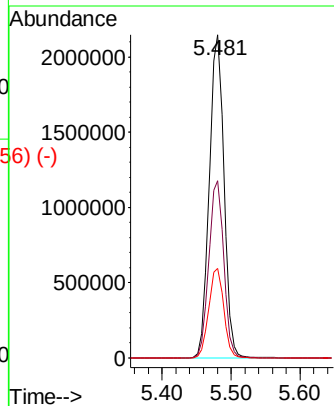
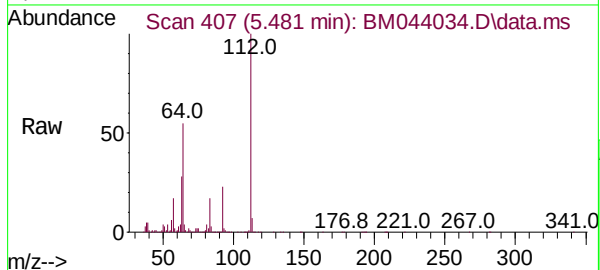
Tgt Ion:112 Resp: 3177501

Ion Ratio Lower Upper

112 100

64 54.8 44.2 66.4

63 27.7 22.6 34.0



Aniline

Concen: 8.448 ng

RT: 7.239 min Scan# 706

Delta R.T. -0.006 min

Lab File: BM044034.D

Acq: 09 Feb 2024 11:53

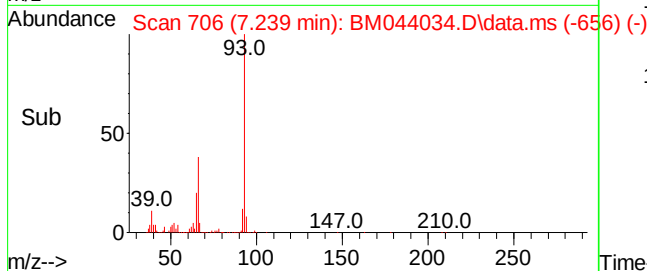
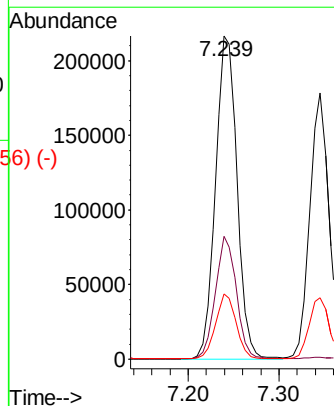
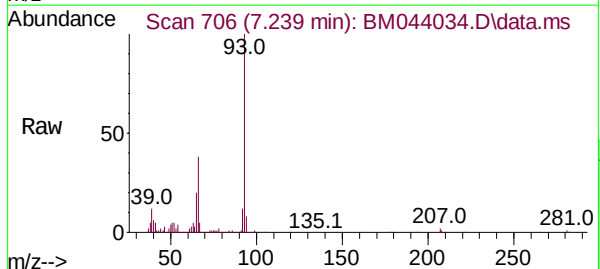
Tgt Ion: 93 Resp: 357001

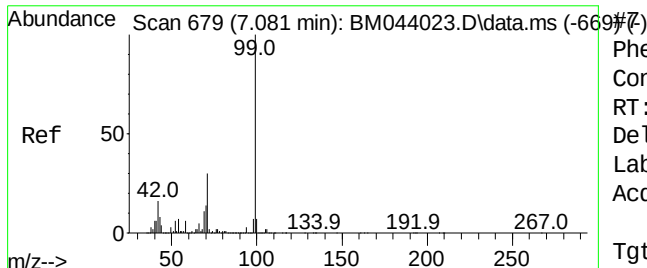
Ion Ratio Lower Upper

93 100

66 38.1 29.4 44.0

65 20.2 15.2 22.8



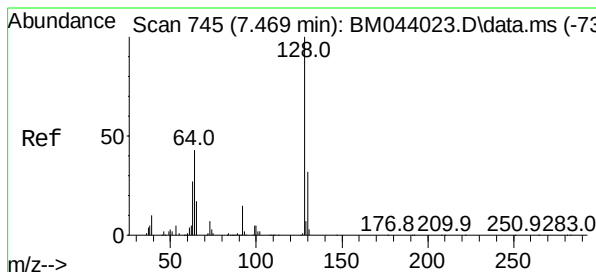
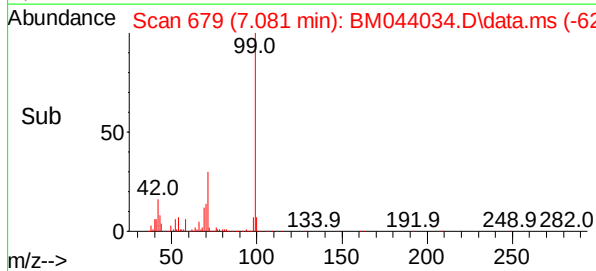
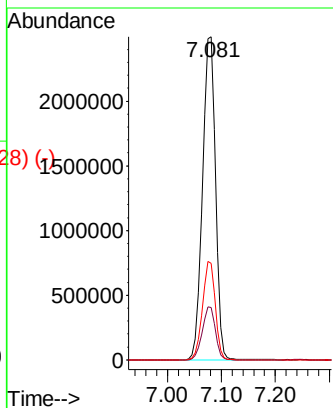
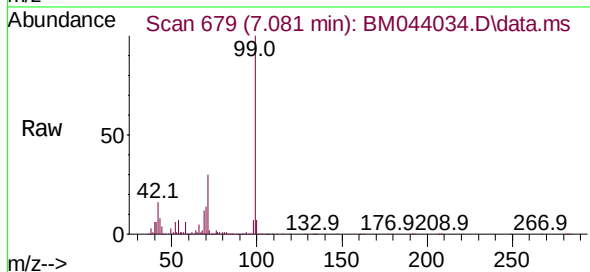


Phenol-d6
 Concen: 96.477 ng
 RT: 7.081 min Scan# 679
 Delta R.T. -0.000 min
 Lab File: BM044034.D
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 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2023

Tgt Ion: 99 Resp: 4146630

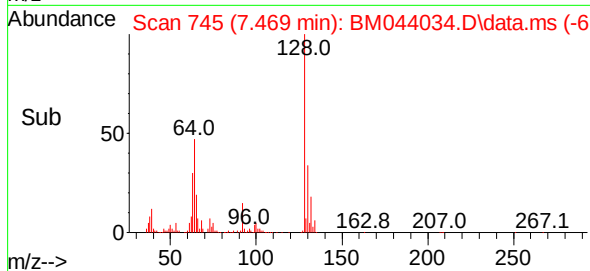
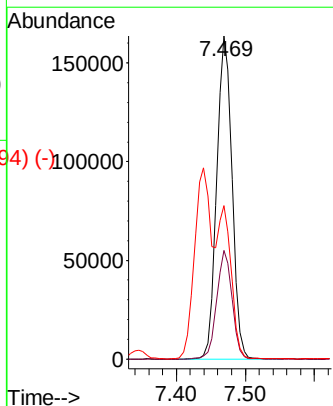
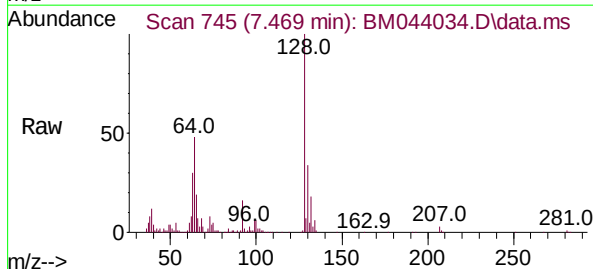
Ion	Ratio	Lower	Upper
99	100		
42	16.2	12.9	19.3
71	29.9	23.9	35.9

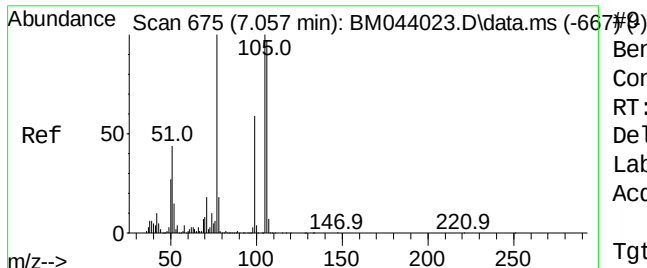


2-Chlorophenol
 Concen: 7.162 ng
 RT: 7.469 min Scan# 745
 Delta R.T. -0.000 min
 Lab File: BM044034.D
 Acq: 09 Feb 2024 11:53

Tgt Ion: 128 Resp: 252640

Ion	Ratio	Lower	Upper
128	100		
130	33.7	12.1	52.1
64	47.5	26.0	66.0





Benzaldehyde

Concen: 10.191 ng

RT: 7.057 min Scan# 675

Delta R.T. 0.000 min

Lab File: BM044034.D

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Instrument :

BNA_M

ClientSampleId :

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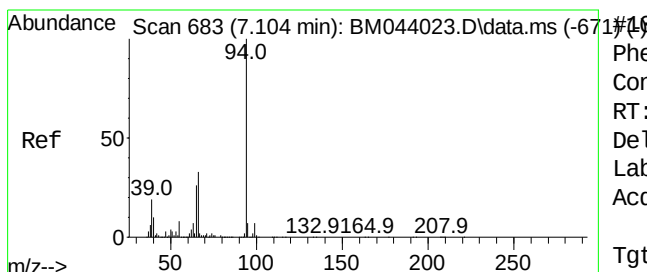
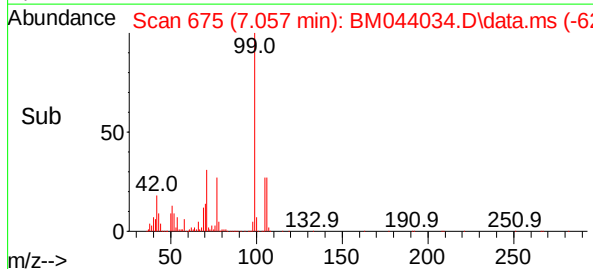
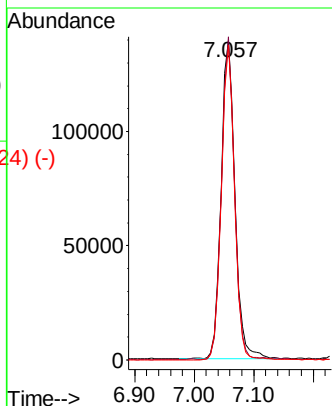
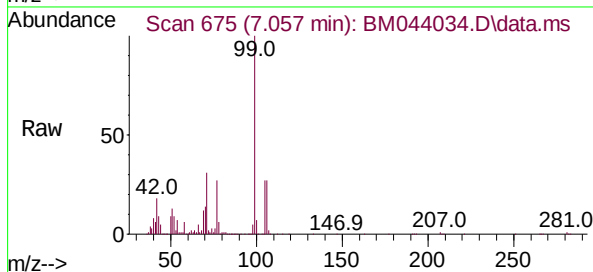
Tgt Ion: 77 Resp: 225092

Ion Ratio Lower Upper

77 100

105 101.1 80.0 120.0

106 98.5 76.8 116.8



Phenol

Concen: 7.232 ng

RT: 7.104 min Scan# 683

Delta R.T. -0.000 min

Lab File: BM044034.D

Acq: 09 Feb 2024 11:53

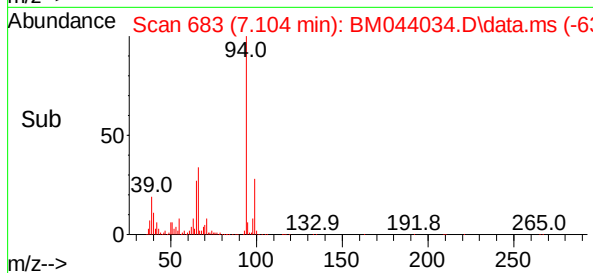
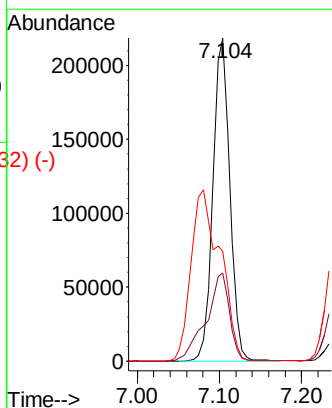
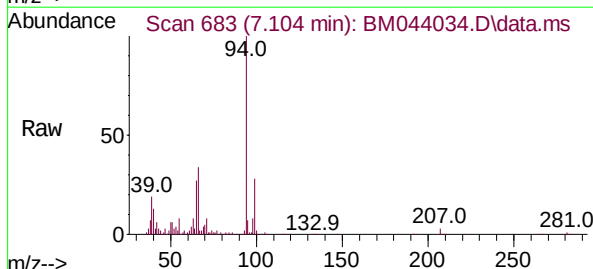
Tgt Ion: 94 Resp: 313722

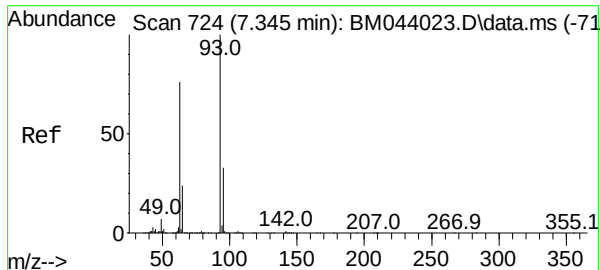
Ion Ratio Lower Upper

94 100

65 27.2 6.4 46.4

66 34.0 13.2 53.2

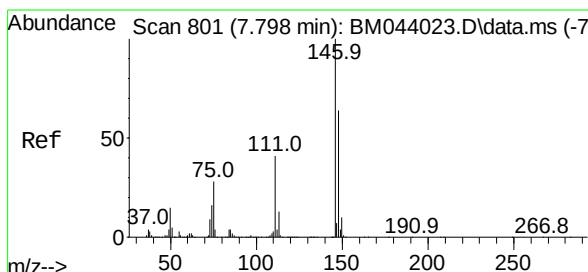
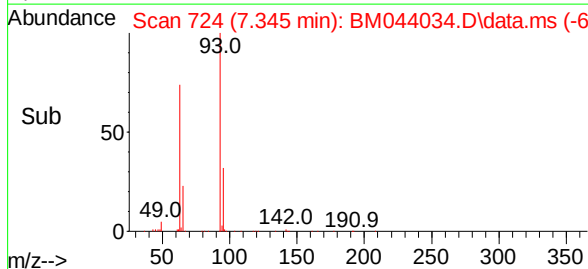
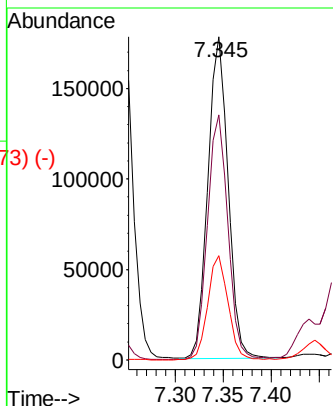
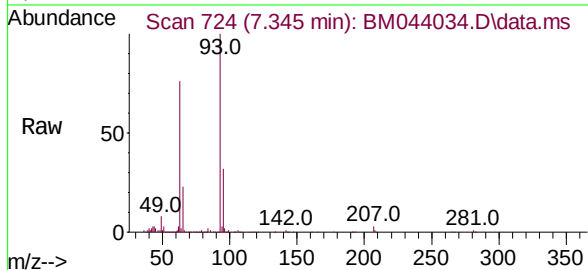




bis(2-Chloroethyl)ether
 Concen: 7.199 ng
 RT: 7.345 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BM044034.D
 Acq: 09 Feb 2024 11:53

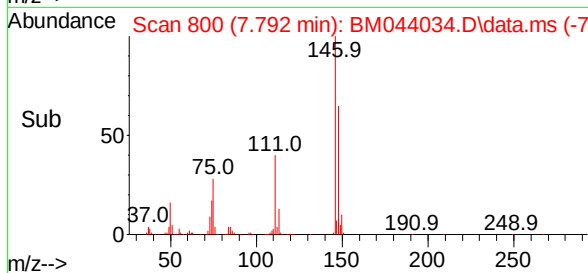
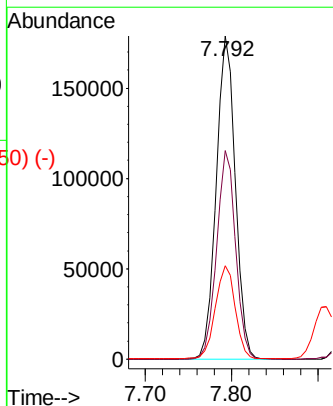
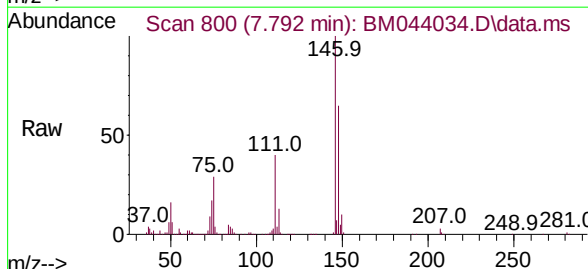
Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2023

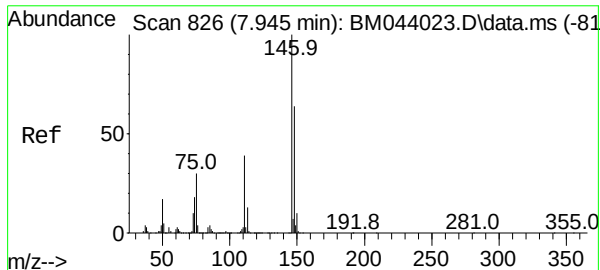
Tgt Ion:	93	Resp:	258603
Ion	Ratio	Lower	Upper
93	100		
63	75.9	55.9	95.9
95	32.3	13.0	53.0



1,3-Dichlorobenzene
 Concen: 6.926 ng
 RT: 7.792 min Scan# 800
 Delta R.T. -0.006 min
 Lab File: BM044034.D
 Acq: 09 Feb 2024 11:53

Tgt Ion:	146	Resp:	277384
Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.3	76.9
75	28.8	22.7	34.1

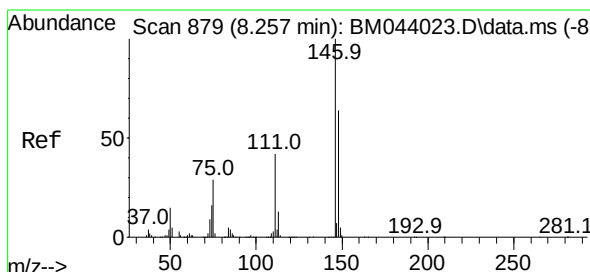
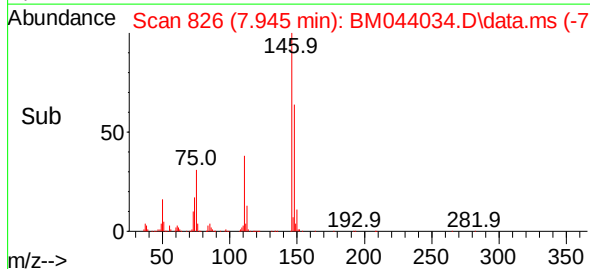
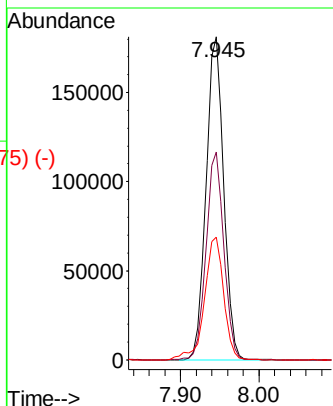
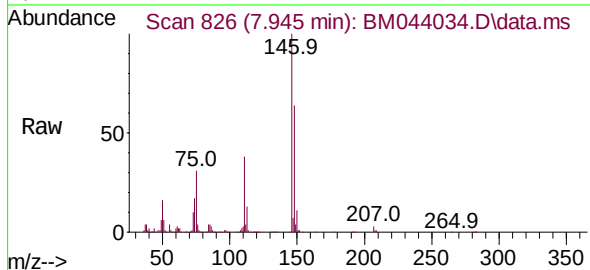




#13
1,4-Dichlorobenzene
Concen: 7.007 ng
RT: 7.945 min Scan# 813
Delta R.T. -0.000 min
Lab File: BM044034.D
Acq: 09 Feb 2024 11:53

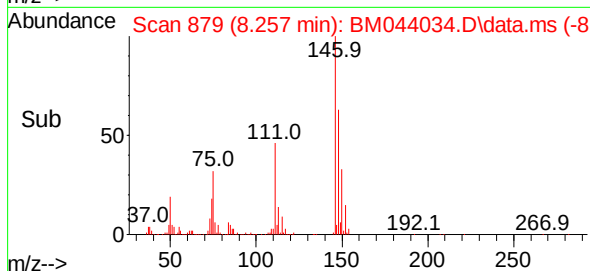
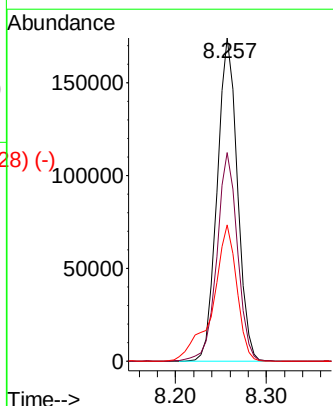
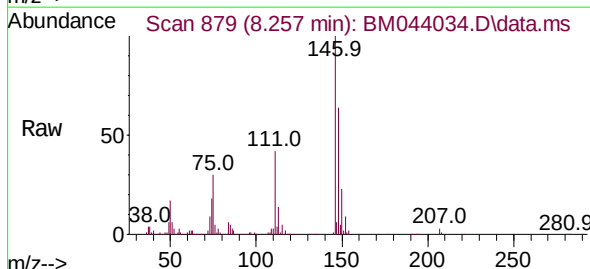
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2023

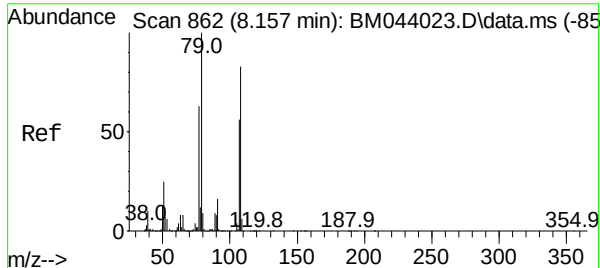
Tgt Ion:	146	Resp:	282893
Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.2	76.8
111	38.1	31.2	46.8



#14
1,2-Dichlorobenzene
Concen: 7.007 ng
RT: 8.257 min Scan# 879
Delta R.T. -0.000 min
Lab File: BM044034.D
Acq: 09 Feb 2024 11:53

Tgt Ion:	146	Resp:	269551
Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.4	77.2
111	42.1	33.7	50.5

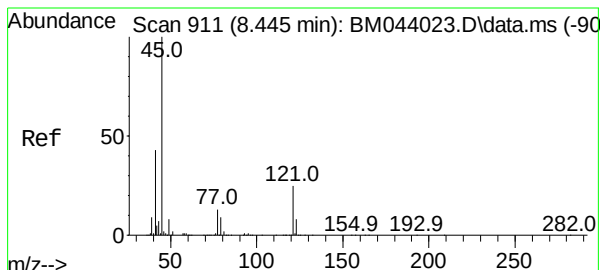
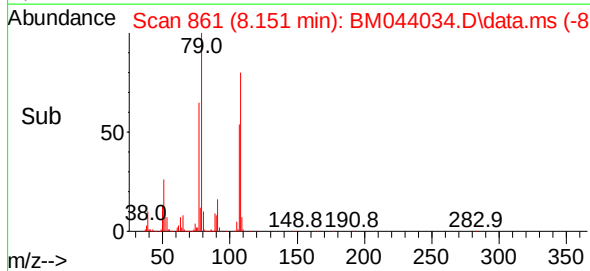
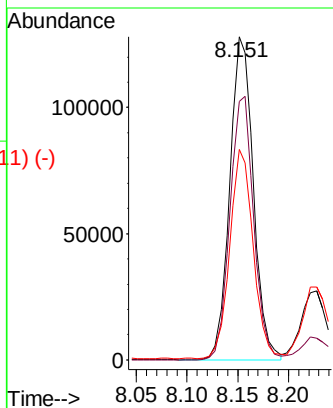
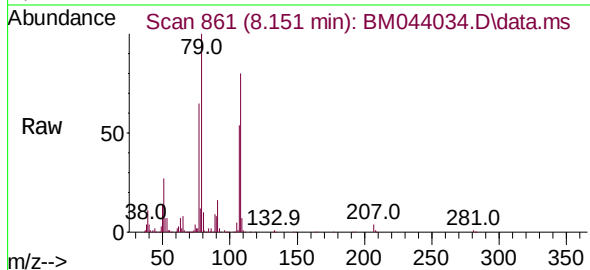




#15
Benzyl Alcohol
Concen: 7.422 ng
RT: 8.151 min Scan# 862
Delta R.T. -0.006 min
Lab File: BM044034.D
Acq: 09 Feb 2024 11:53

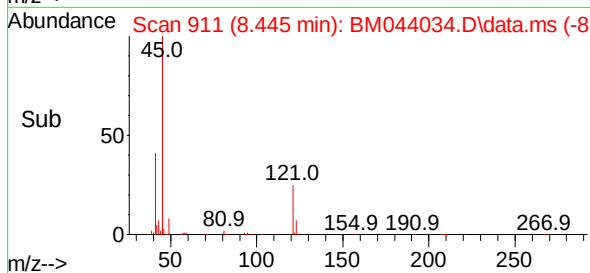
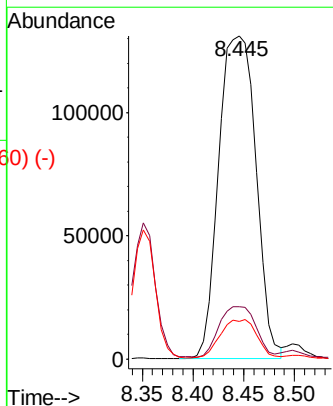
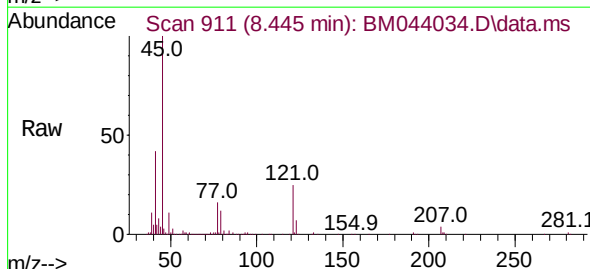
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2023

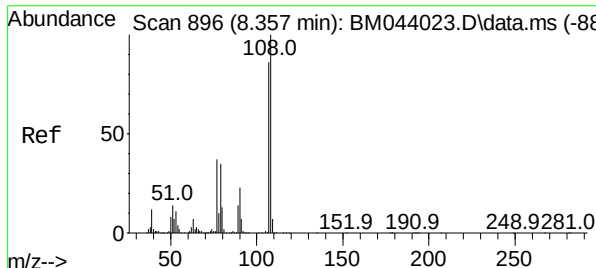
Tgt Ion:	79	Resp:	207694
Ion	Ratio	Lower	Upper
79	100		
108	80.0	66.0	99.0
77	65.1	50.4	75.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 7.349 ng
RT: 8.445 min Scan# 911
Delta R.T. -0.000 min
Lab File: BM044034.D
Acq: 09 Feb 2024 11:53

Tgt Ion:	45	Resp:	334638
Ion	Ratio	Lower	Upper
45	100		
77	16.3	0.0	35.1
79	11.6	0.0	31.5





2-Methylphenol

Concen: 7.037 ng

RT: 8.351 min Scan# 896

Delta R.T. -0.006 min

Lab File: BM044034.D

Acq: 09 Feb 2024 11:53

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2023

Tgt Ion:107 Resp: 200378

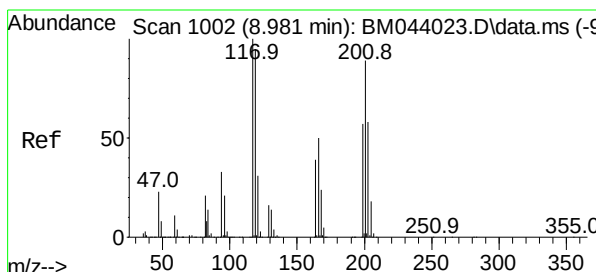
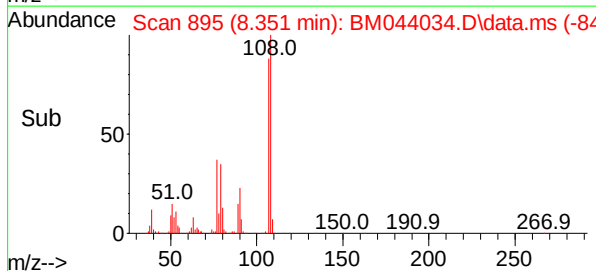
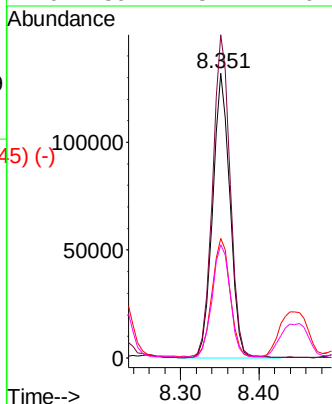
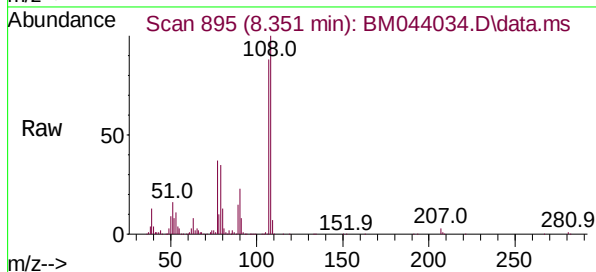
Ion Ratio Lower Upper

107 100

108 113.5 93.4 140.2

77 41.9 34.7 52.1

79 39.7 32.7 49.1



Hexachloroethane

Concen: 6.779 ng

RT: 8.981 min Scan# 1002

Delta R.T. -0.000 min

Lab File: BM044034.D

Acq: 09 Feb 2024 11:53

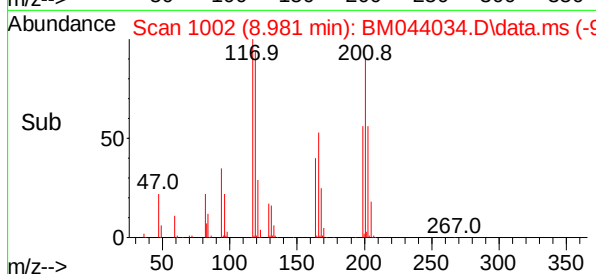
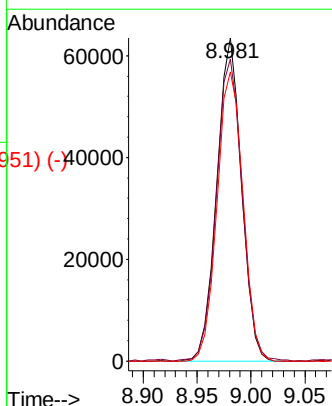
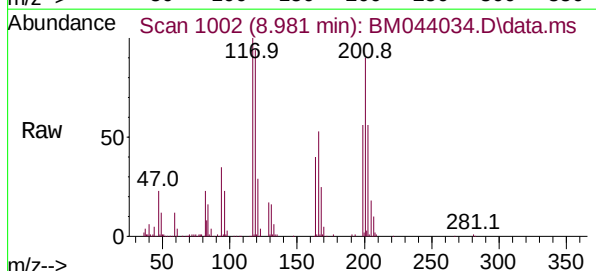
Tgt Ion:117 Resp: 102477

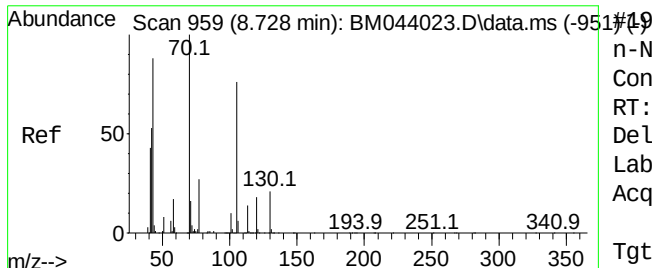
Ion Ratio Lower Upper

117 100

119 93.5 75.7 113.5

201 89.6 71.5 107.3

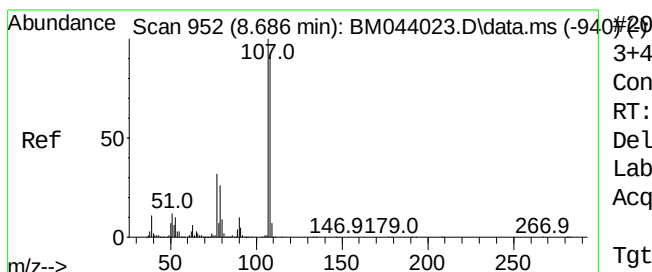
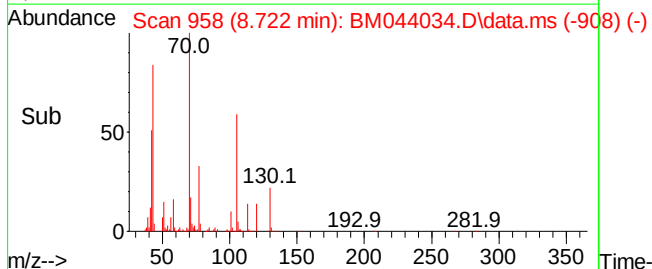
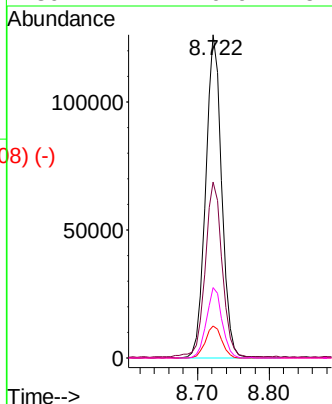
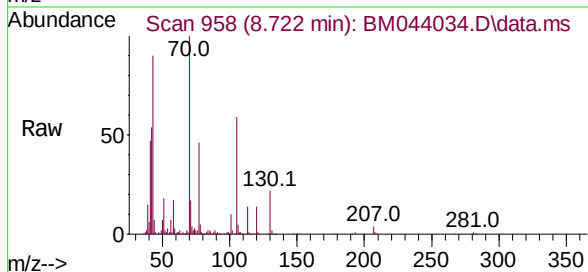




#19
n-Nitroso-di-n-propylamine
Concen: 7.430 ng
RT: 8.722 min Scan# 959
Delta R.T. -0.006 min
Lab File: BM044034.D
Acq: 09 Feb 2024 11:53

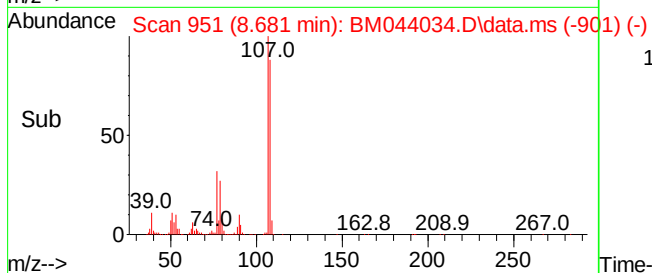
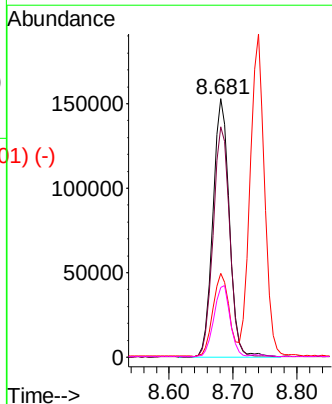
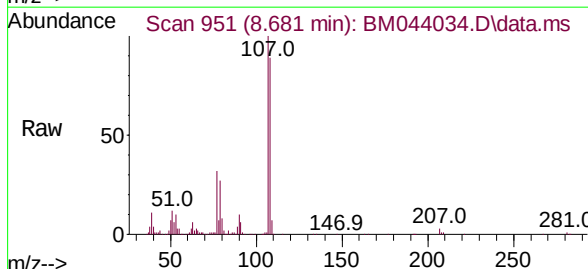
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2023

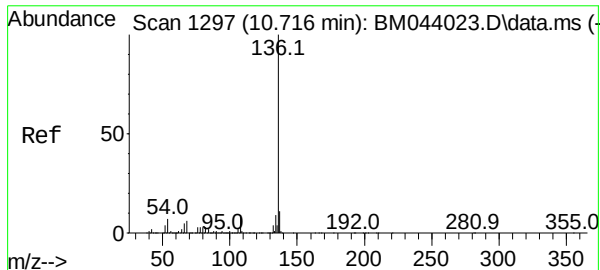
Tgt Ion:	70	Resp:	196089
Ion	Ratio	Lower	Upper
70	100		
42	54.4	42.6	64.0
101	9.9	7.8	11.6
130	21.7	16.9	25.3



#20
3+4-Methylphenols
Concen: 6.959 ng
RT: 8.681 min Scan# 951
Delta R.T. -0.006 min
Lab File: BM044034.D
Acq: 09 Feb 2024 11:53

Tgt Ion:	107	Resp:	272742
Ion	Ratio	Lower	Upper
107	100		
108	89.0	71.5	111.5
77	32.4	11.8	51.8
79	26.9	6.3	46.3



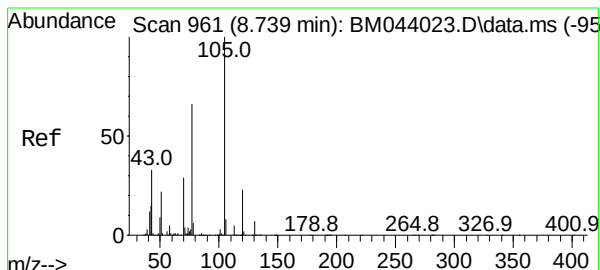
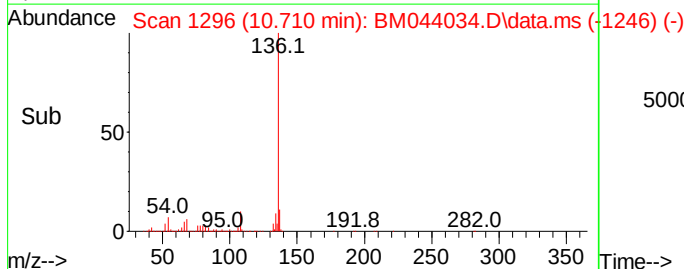
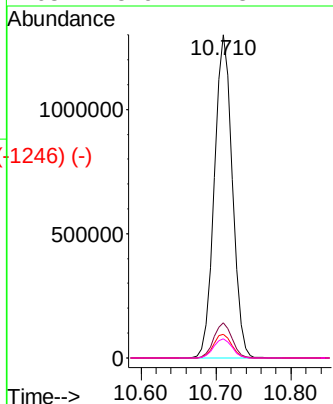
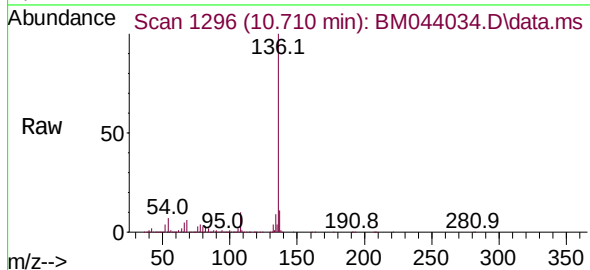


Naphthalene-d8
Concen: 20.000 ng
RT: 10.710 min Scan# 1297
Delta R.T. -0.006 min
Lab File: BM044034.D
Acq: 09 Feb 2024 11:53

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2023

Tgt Ion:136 Resp: 2149777

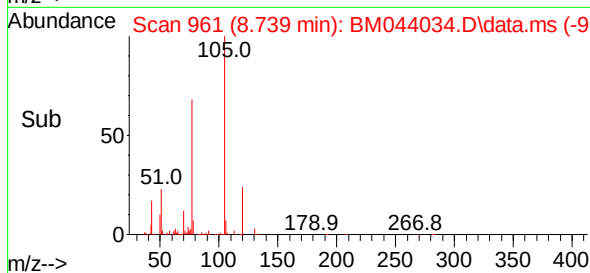
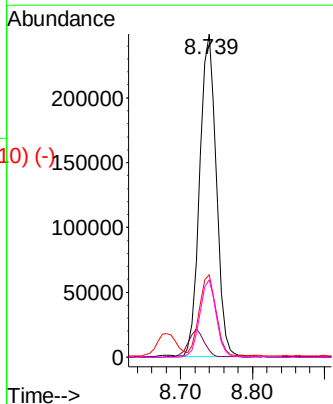
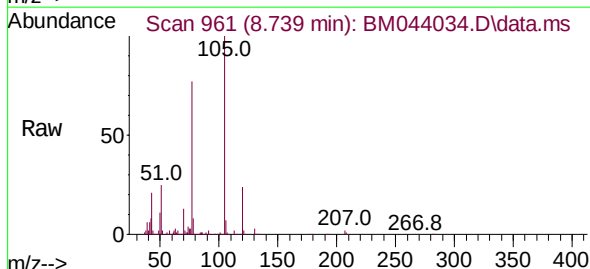
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	7.3	5.9	8.9
68	5.9	4.8	7.2

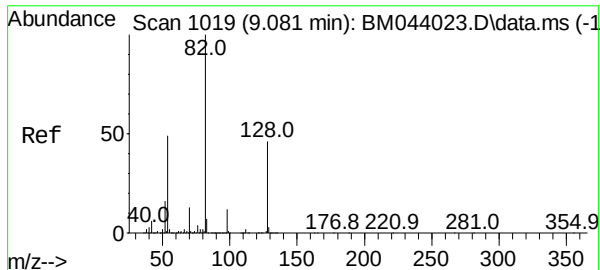


Acetophenone
Concen: 7.302 ng
RT: 8.739 min Scan# 961
Delta R.T. -0.000 min
Lab File: BM044034.D
Acq: 09 Feb 2024 11:53

Tgt Ion:105 Resp: 398452

Ion	Ratio	Lower	Upper
105	100		
71	2.1	4.0	6.0#
51	25.4	20.1	30.1
120	24.0	18.7	28.1





Nitrobenzene-d5

Concen: 69.148 ng

RT: 9.081 min Scan# 1019

Delta R.T. -0.000 min

Lab File: BM044034.D

Acq: 09 Feb 2024 11:53

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2023

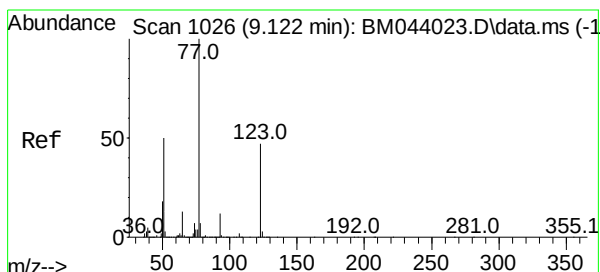
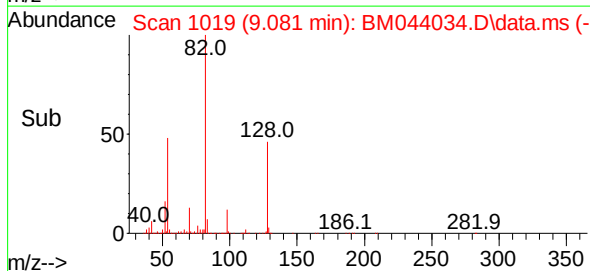
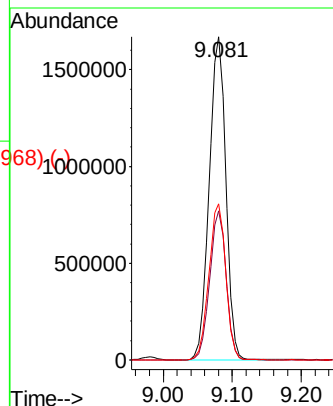
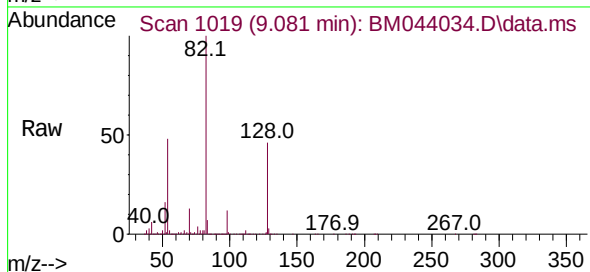
Tgt Ion: 82 Resp: 2801421

Ion Ratio Lower Upper

82 100

128 46.2 37.1 55.7

54 48.3 38.9 58.3



Nitrobenzene

Concen: 7.087 ng

RT: 9.122 min Scan# 1026

Delta R.T. -0.000 min

Lab File: BM044034.D

Acq: 09 Feb 2024 11:53

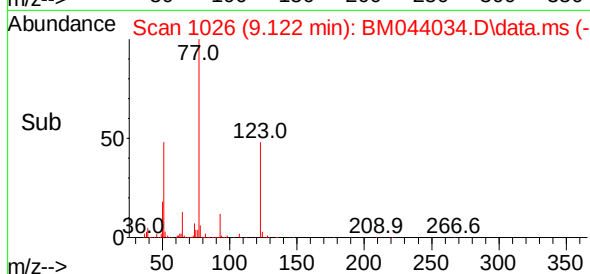
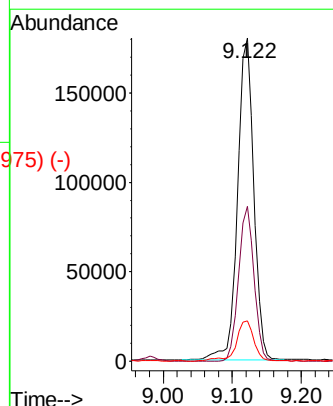
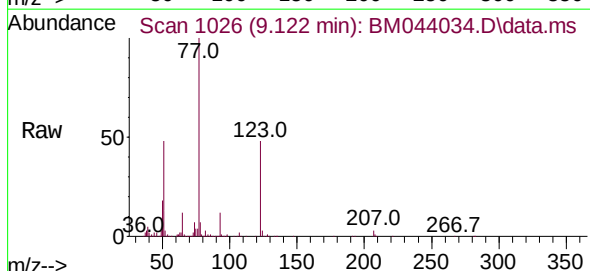
Tgt Ion: 77 Resp: 294026

Ion Ratio Lower Upper

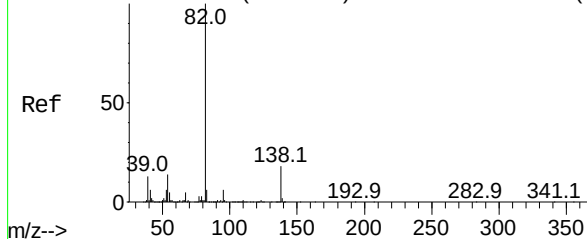
77 100

123 47.9 37.8 56.8

65 12.5 10.5 15.7



Abundance Scan 1116 (9.651 min): BM044023.D\data.ms (-1125)



Isophorone

Concen: 6.896 ng

RT: 9.639 min Scan#

Delta R.T. -0.012 min

Lab File: BM044034.D

Acq: 09 Feb 2024 11:53

Instrument :

BNA_M

ClientSampleId :

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Tgt Ion: 82 Resp: 537992

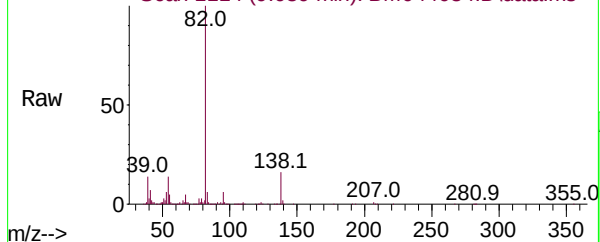
Ion Ratio Lower Upper

82 100

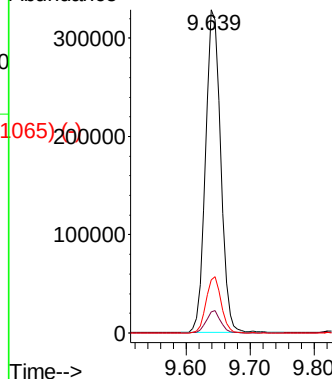
95 6.4 5.2 7.8

138 16.4 14.3 21.5

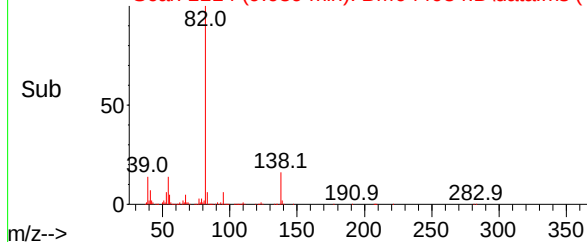
Abundance Scan 1114 (9.639 min): BM044034.D\data.ms



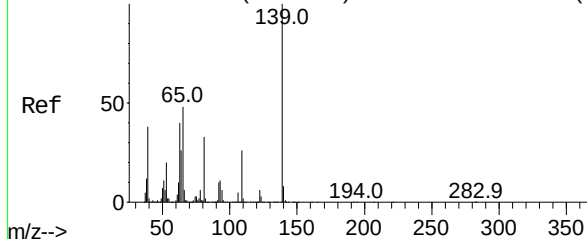
Abundance



Abundance Scan 1114 (9.639 min): BM044034.D\data.ms (-1065)



Abundance Scan 1146 (9.828 min): BM044023.D\data.ms (-1126)



2-Nitrophenol

Concen: 6.215 ng

RT: 9.828 min Scan# 1146

Delta R.T. -0.000 min

Lab File: BM044034.D

Acq: 09 Feb 2024 11:53

Tgt Ion: 139 Resp: 119537

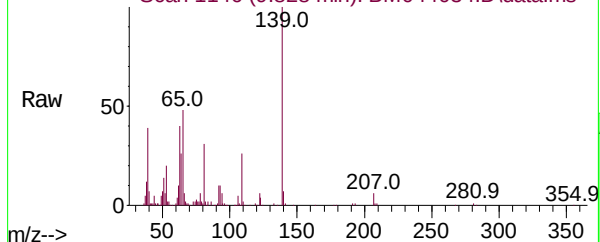
Ion Ratio Lower Upper

139 100

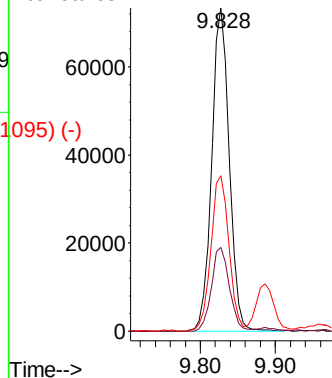
109 25.9 21.2 31.8

65 48.1 38.5 57.7

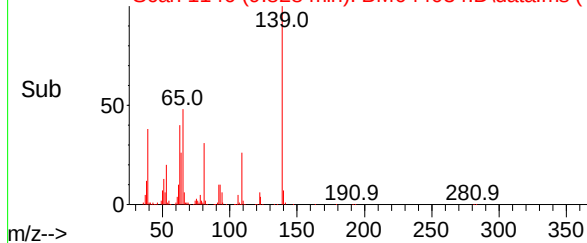
Abundance Scan 1146 (9.828 min): BM044034.D\data.ms



Abundance



Abundance Scan 1146 (9.828 min): BM044034.D\data.ms (-1095)



Abundance Scan 1157 (9.892 min): BM044023.D\data.ms (-1157) (-)

2,4-Dimethylphenol

Concen: 7.144 ng

RT: 9.886 min Scan# 1156

Delta R.T. -0.006 min

Lab File: BM044034.D

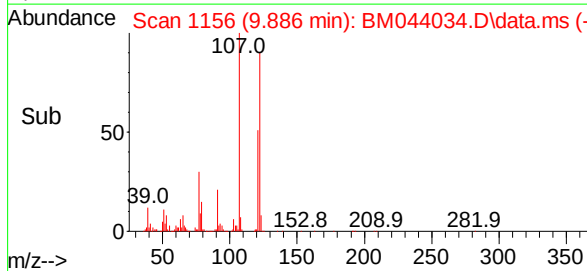
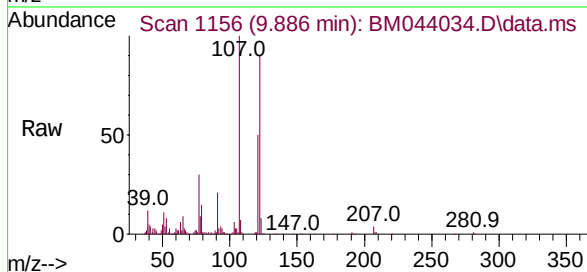
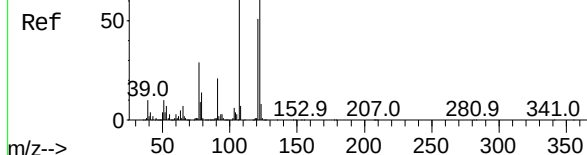
Acq: 09 Feb 2024 11:53

Instrument :

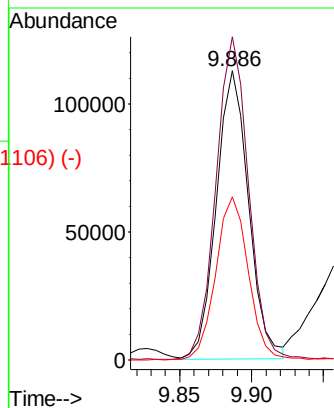
BNA_M

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2023



Tgt Ion:	122	Resp:	175714
Ion	Ratio	Lower	Upper
122	100		
107	111.7	87.8	131.8
121	56.4	44.7	67.1



Abundance Scan 1199 (10.139 min): BM044023.D\data.ms (-1199) (-)

bis(2-Chloroethoxy)methane

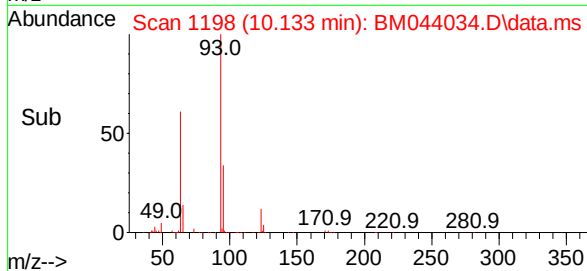
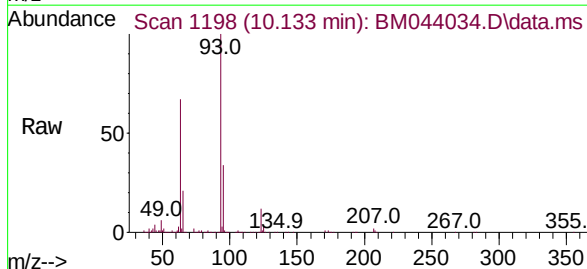
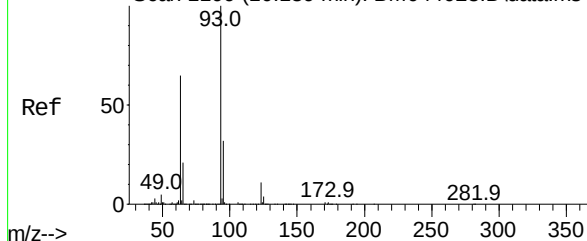
Concen: 7.059 ng

RT: 10.133 min Scan# 1198

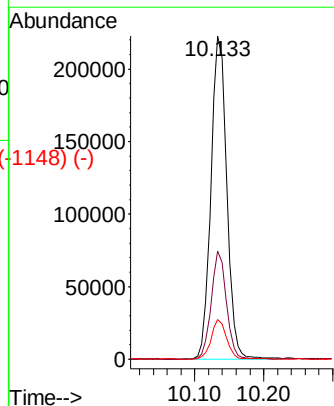
Delta R.T. -0.006 min

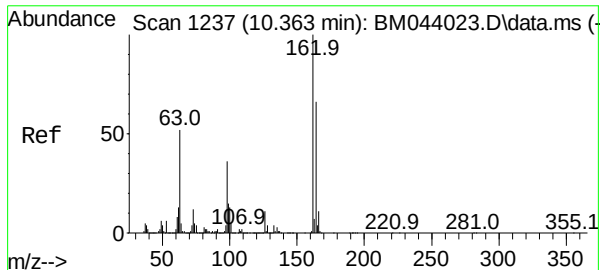
Lab File: BM044034.D

Acq: 09 Feb 2024 11:53



Tgt Ion:	93	Resp:	356149
Ion	Ratio	Lower	Upper
93	100		
95	33.5	26.0	39.0
123	12.4	9.2	13.8

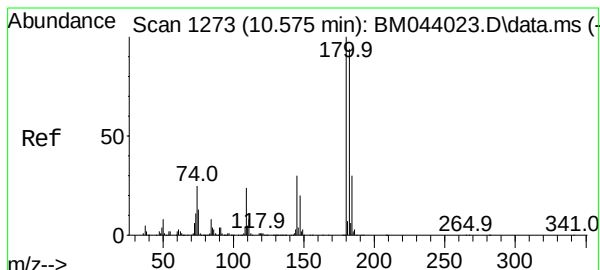
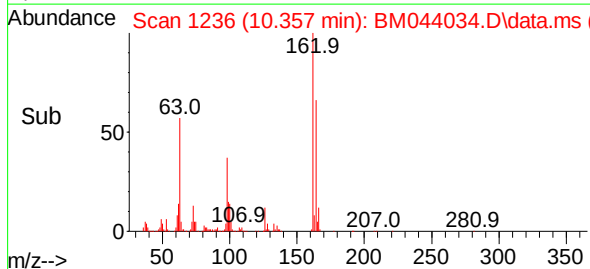
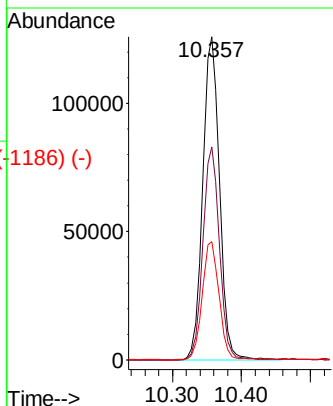
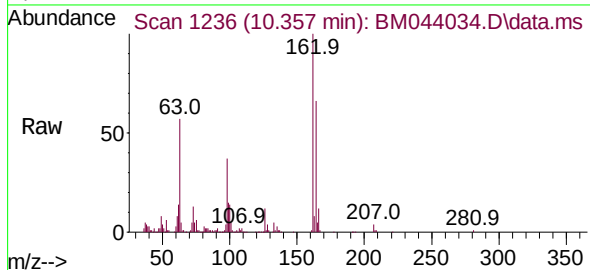




2,4-Dichlorophenol
Concen: 6.540 ng
RT: 10.357 min Scan# 1237
Delta R.T. -0.006 min
Lab File: BM044034.D
Acq: 09 Feb 2024 11:53

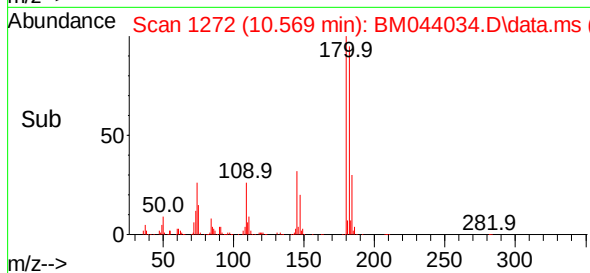
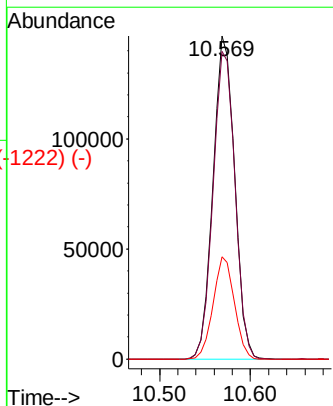
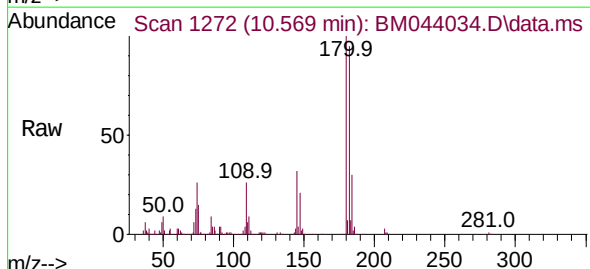
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2023

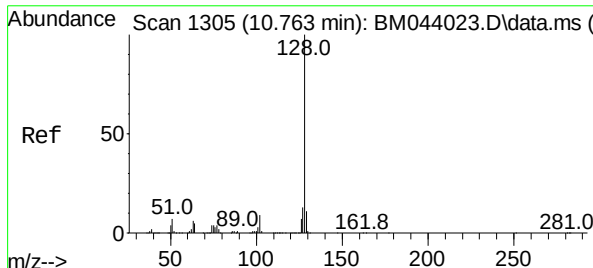
Tgt Ion:	162	Resp:	211783
Ion	Ratio	Lower	Upper
162	100		
164	65.9	46.1	86.1
98	36.7	15.9	55.9



1,2,4-Trichlorobenzene
Concen: 6.658 ng
RT: 10.569 min Scan# 1272
Delta R.T. -0.006 min
Lab File: BM044034.D
Acq: 09 Feb 2024 11:53

Tgt Ion:	180	Resp:	242438
Ion	Ratio	Lower	Upper
180	100		
182	95.2	75.2	112.8
145	31.6	24.3	36.5

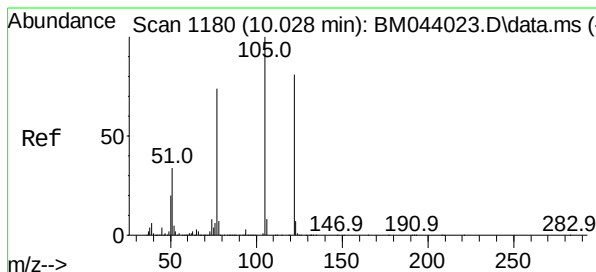
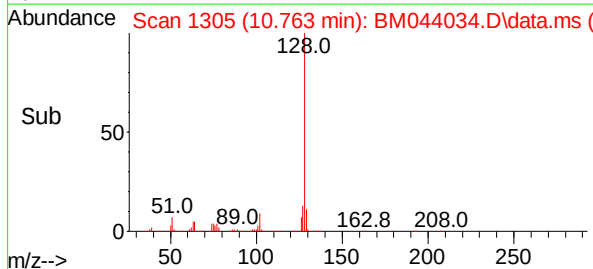
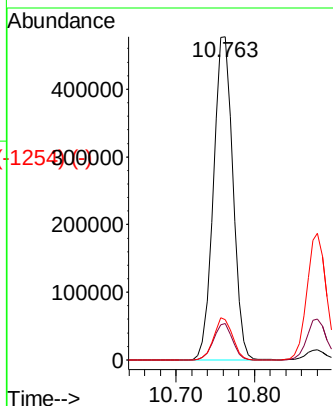
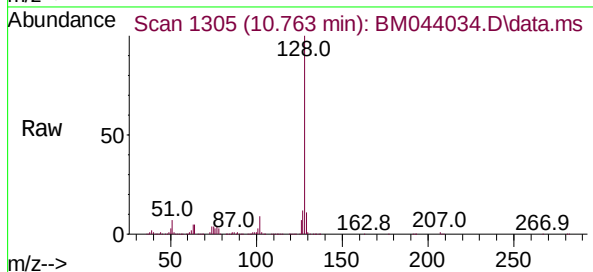




Naphthalene
Concen: 6.915 ng
RT: 10.763 min Scan# 1169
Delta R.T. -0.000 min
Lab File: BM044034.D
Acq: 09 Feb 2024 11:53

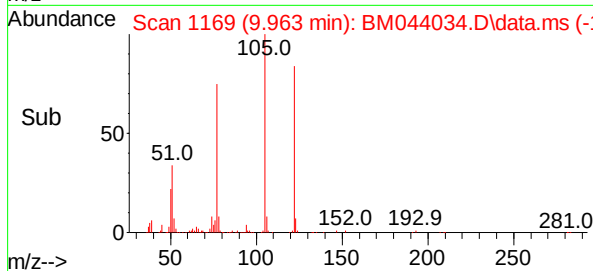
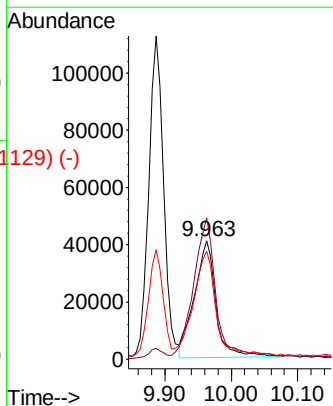
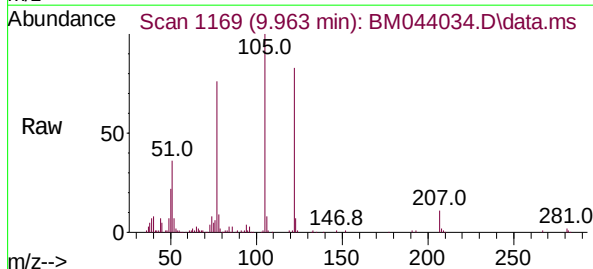
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2023

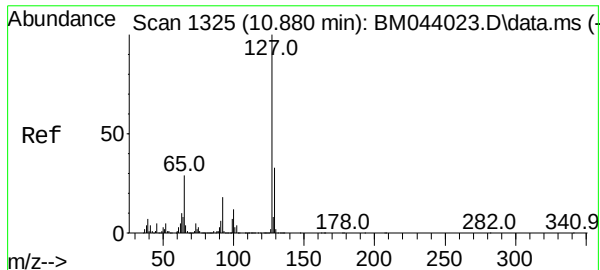
Tgt Ion:	128	Resp:	820470
Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.0	13.4
127	12.5	10.3	15.5



Benzoic acid
Concen: 3.755 ng
RT: 9.963 min Scan# 1169
Delta R.T. -0.065 min
Lab File: BM044034.D
Acq: 09 Feb 2024 11:53

Tgt Ion:	122	Resp:	93025
Ion	Ratio	Lower	Upper
122	100		
105	119.9	100.1	140.1
77	91.2	69.6	109.6

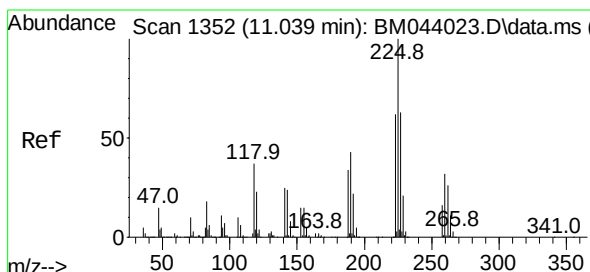
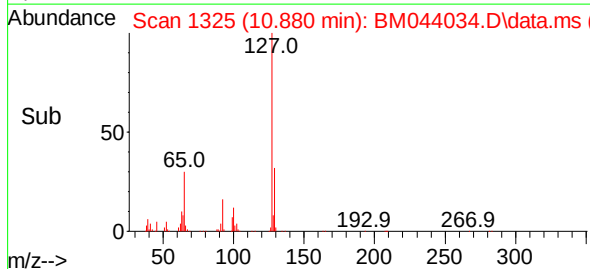
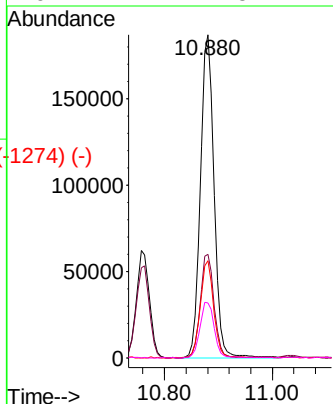
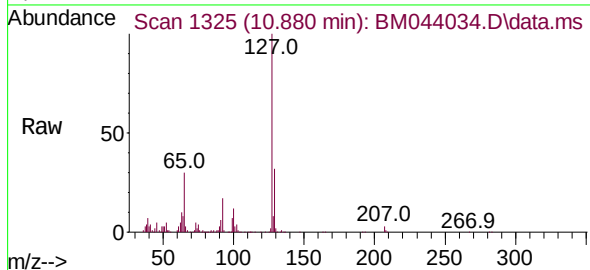




4-Chloroaniline
Concen: 7.250 ng
RT: 10.880 min Scan# 1325
Delta R.T. -0.000 min
Lab File: BM044034.D
Acq: 09 Feb 2024 11:53

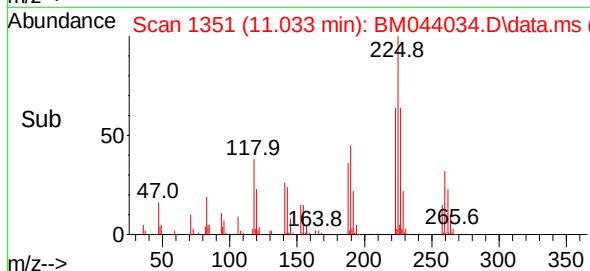
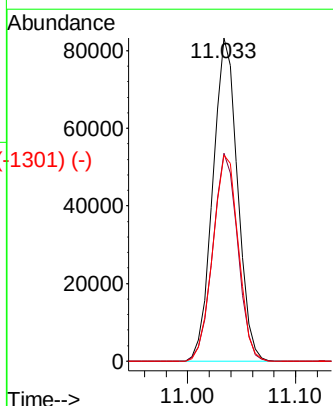
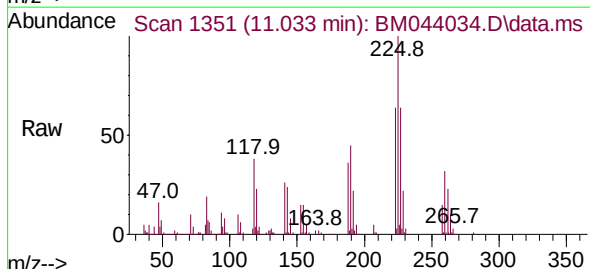
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2023

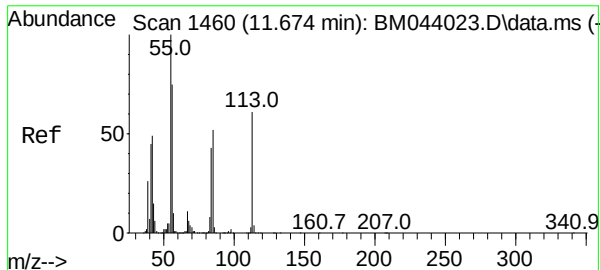
Tgt Ion:	127	Resp:	325729
Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.0	39.0
65	30.1	23.0	34.6
92	17.1	14.5	21.7



Hexachlorobutadiene
Concen: 6.406 ng
RT: 11.033 min Scan# 1351
Delta R.T. -0.006 min
Lab File: BM044034.D
Acq: 09 Feb 2024 11:53

Tgt Ion:	225	Resp:	133509
Ion	Ratio	Lower	Upper
225	100		
223	64.4	49.9	74.9
227	63.7	50.6	76.0

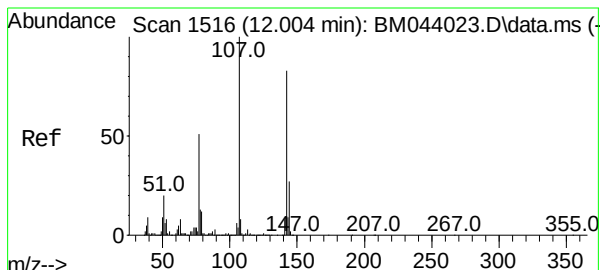
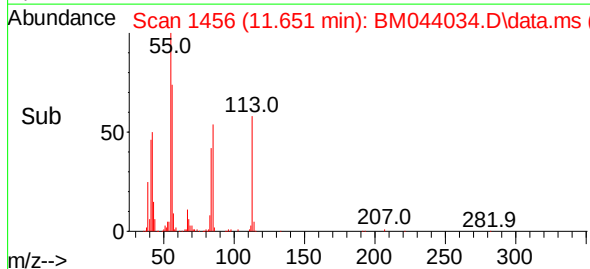
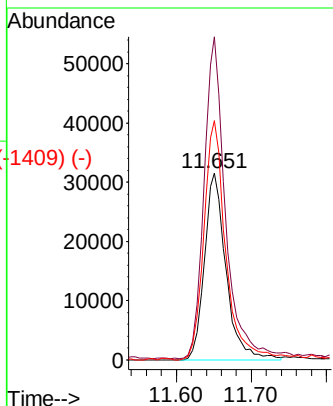
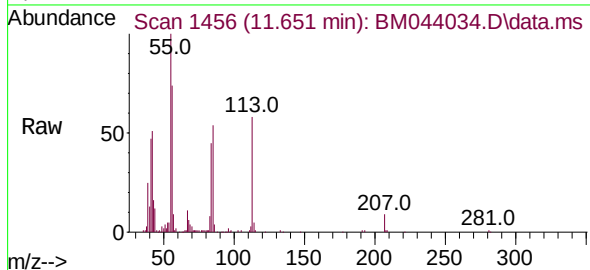




Caprolactam
Concen: 6.084 ng
RT: 11.651 min Scan# 1456
Delta R.T. -0.024 min
Lab File: BM044034.D
Acq: 09 Feb 2024 11:53

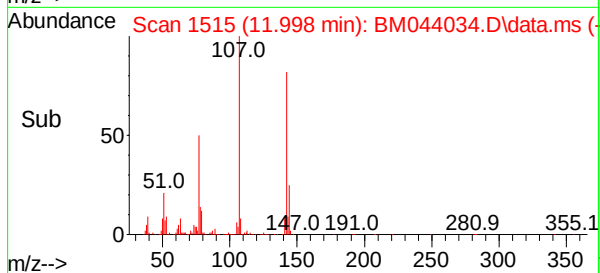
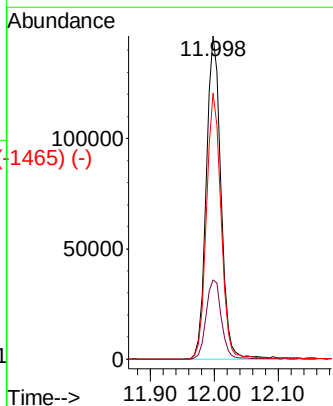
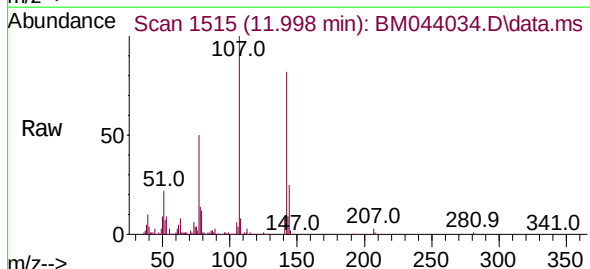
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2023

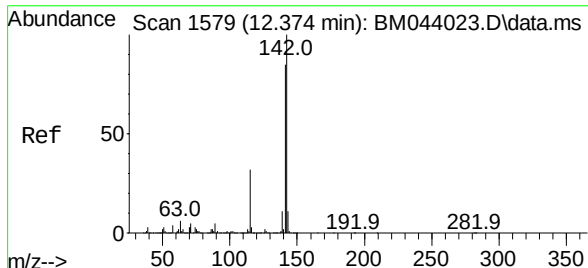
Tgt Ion:113 Resp: 63399
Ion Ratio Lower Upper
113 100
55 172.7 145.6 185.6
56 128.0 103.3 143.3



4-Chloro-3-methylphenol
Concen: 6.636 ng
RT: 11.998 min Scan# 1515
Delta R.T. -0.006 min
Lab File: BM044034.D
Acq: 09 Feb 2024 11:53

Tgt Ion:107 Resp: 232670
Ion Ratio Lower Upper
107 100
144 24.6 21.3 31.9
142 82.4 66.2 99.4

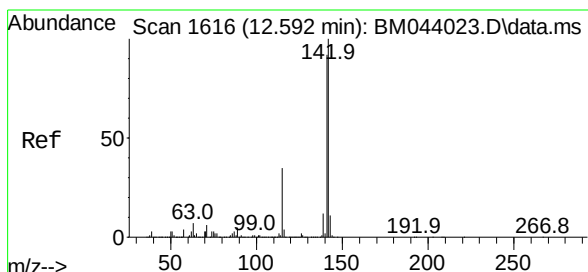
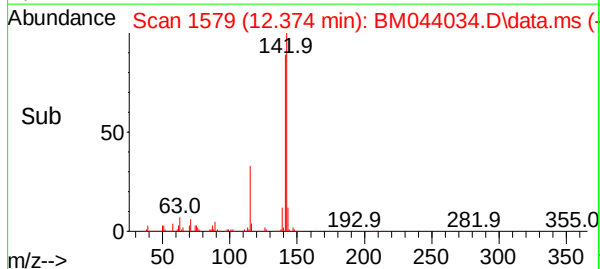
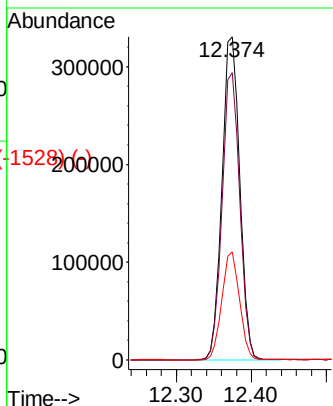
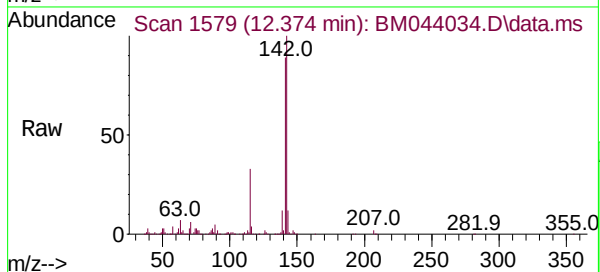




2-Methylnaphthalene
 Concen: 6.819 ng
 RT: 12.374 min Scan# 1579
 Delta R.T. -0.000 min
 Lab File: BM044034.D
 Acq: 09 Feb 2024 11:53

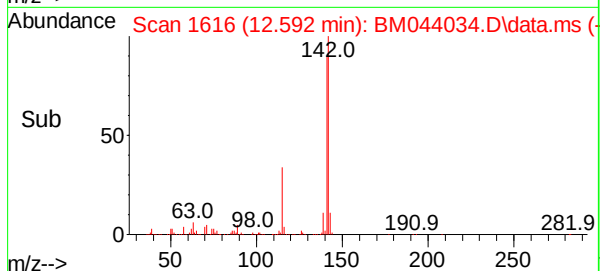
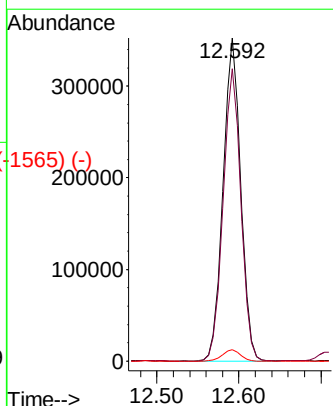
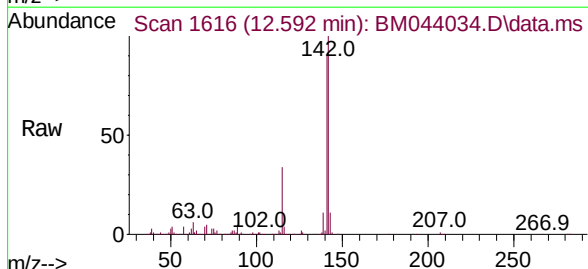
Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2023

Tgt Ion:	142	Resp:	538906
Ion	Ratio	Lower	Upper
142	100		
141	89.0	68.3	102.5
115	33.4	25.7	38.5

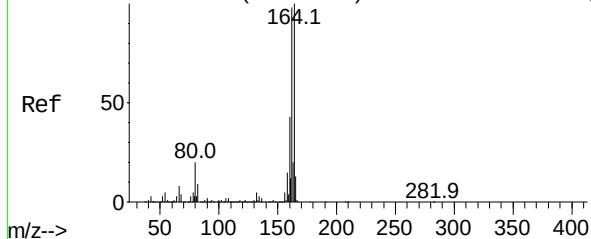


1-Methylnaphthalene
 Concen: 6.818 ng
 RT: 12.592 min Scan# 1616
 Delta R.T. -0.000 min
 Lab File: BM044034.D
 Acq: 09 Feb 2024 11:53

Tgt Ion:	142	Resp:	529524
Ion	Ratio	Lower	Upper
142	100		
141	90.4	73.4	110.0
116	3.6	3.0	4.4



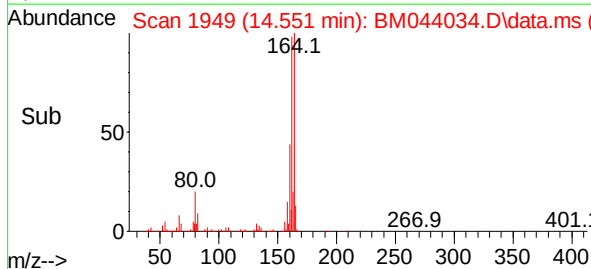
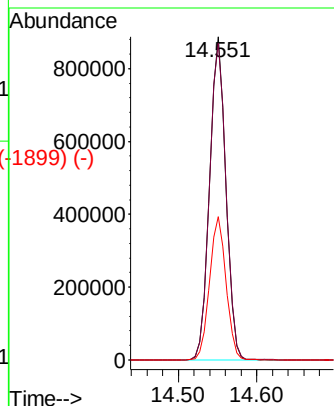
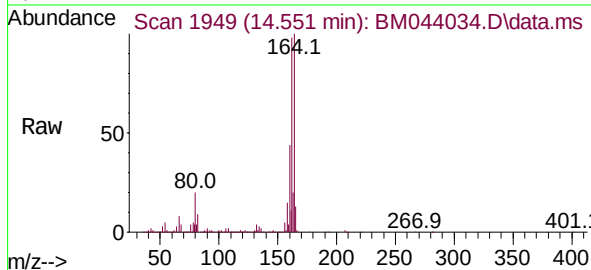
Abundance Scan 1950 (14.557 min): BM044023.D\data.ms (-1539) (-)



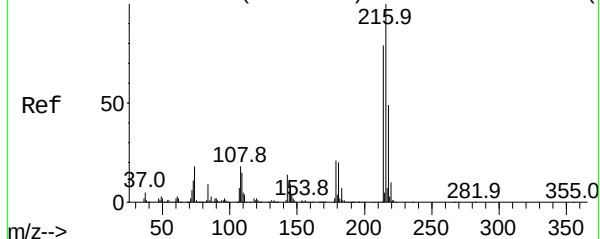
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.551 min Scan# 1639
Delta R.T. -0.006 min
Lab File: BM044034.D
Acq: 09 Feb 2024 11:53

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2023

Tgt Ion:	164	Resp:	1268335
Ion	Ratio	Lower	Upper
164	100		
162	98.1	78.4	117.6
160	44.4	34.6	51.8

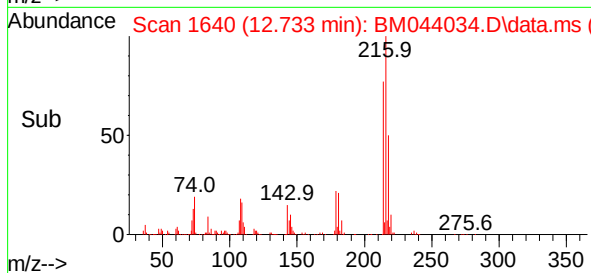
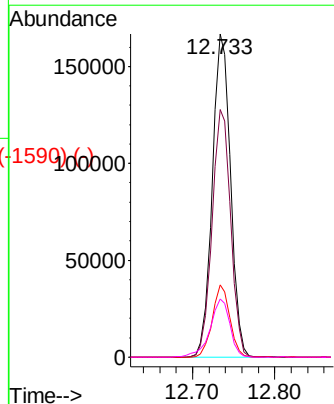
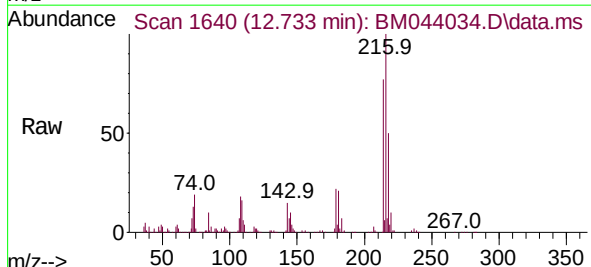


Abundance Scan 1641 (12.739 min): BM044023.D\data.ms (-1540) (-)

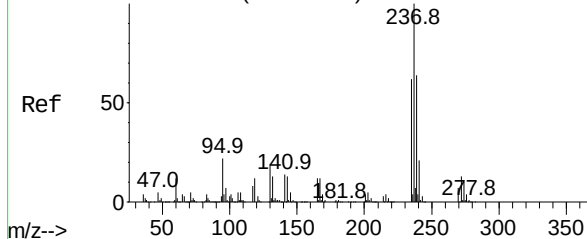


1,2,4,5-Tetrachlorobenzene
Concen: 6.976 ng
RT: 12.733 min Scan# 1640
Delta R.T. -0.006 min
Lab File: BM044034.D
Acq: 09 Feb 2024 11:53

Tgt Ion:	216	Resp:	257175
Ion	Ratio	Lower	Upper
216	100		
214	77.9	63.1	94.7
179	21.5	17.0	25.6
108	19.5	15.8	23.8



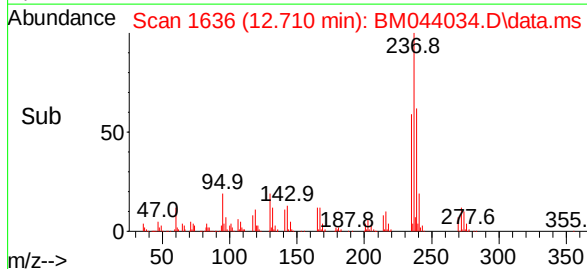
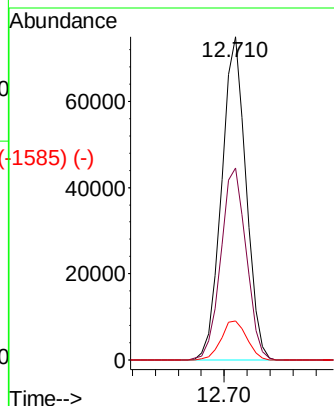
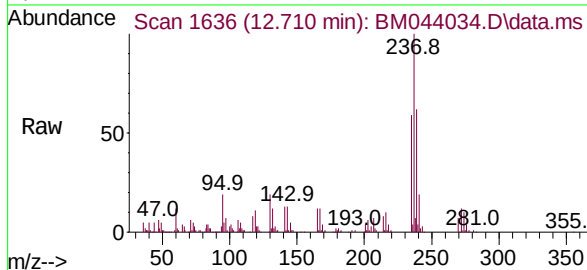
Abundance Scan 1636 (12.710 min): BM044023.D\data.ms (-1585) (-)



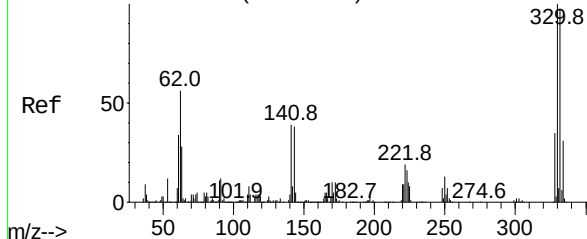
Hexachlorocyclopentadiene
Concen: 6.854 ng
RT: 12.710 min Scan# 1636
Delta R.T. -0.000 min
Lab File: BM044034.D
Acq: 09 Feb 2024 11:53

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2023

Tgt Ion	Ratio	Lower	Upper
237	100		
235	59.4	42.4	82.4
272	12.1	0.0	33.3

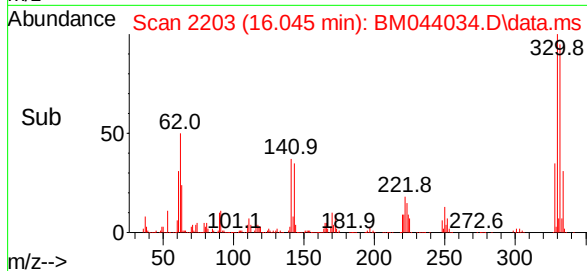
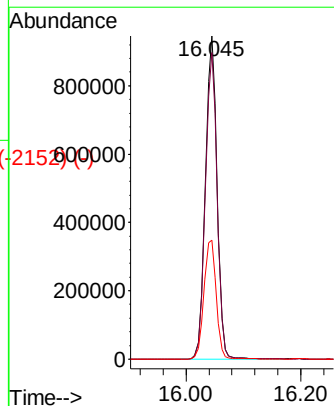
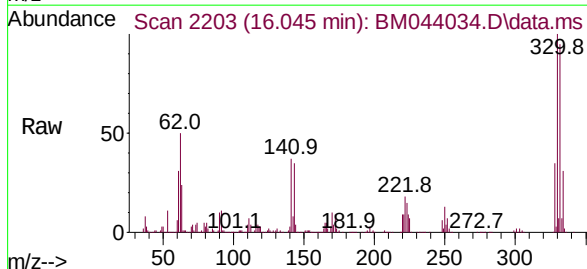


Abundance Scan 2203 (16.045 min): BM044023.D\data.ms (-2152) (-)

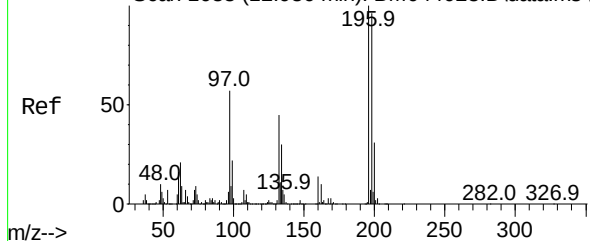


2,4,6-Tribromophenol
Concen: 97.370 ng
RT: 16.045 min Scan# 2203
Delta R.T. -0.000 min
Lab File: BM044034.D
Acq: 09 Feb 2024 11:53

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.7	116.5
141	38.7	31.0	46.4



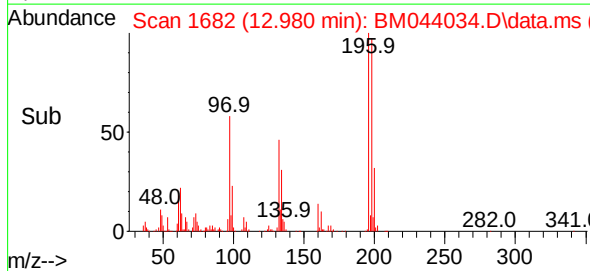
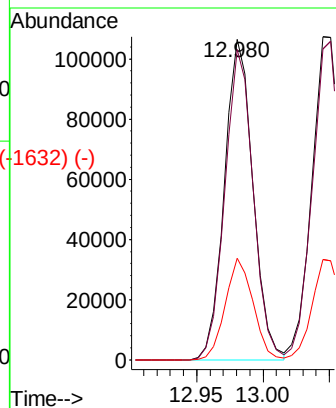
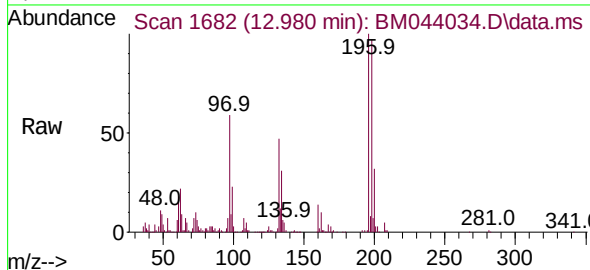
Abundance Scan 1683 (12.986 min): BM044023.D\data.ms (-1649) (-)



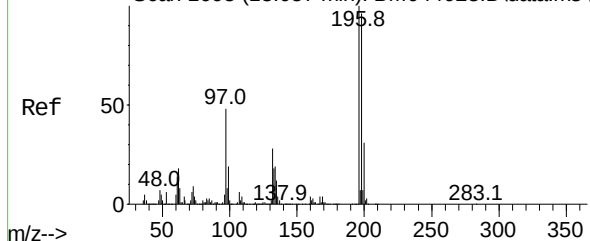
2,4,6-Trichlorophenol
Concen: 6.324 ng
RT: 12.980 min Scan# 1649
Delta R.T. -0.006 min
Lab File: BM044034.D
Acq: 09 Feb 2024 11:53

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2023

Tgt Ion:	196	Resp:	158675
Ion	Ratio	Lower	Upper
196	100		
198	96.9	76.8	115.2
200	31.7	24.6	37.0

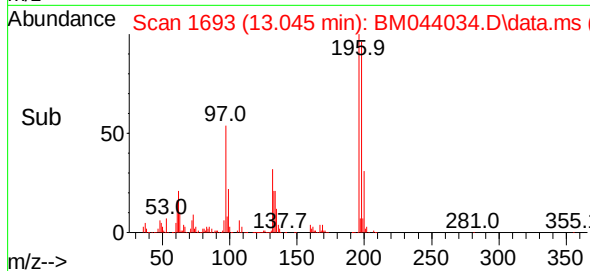
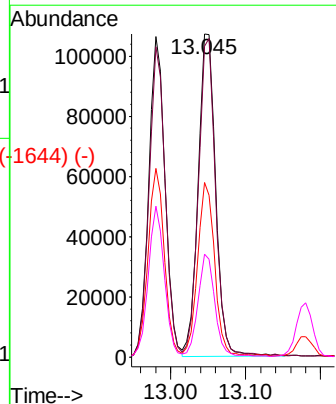
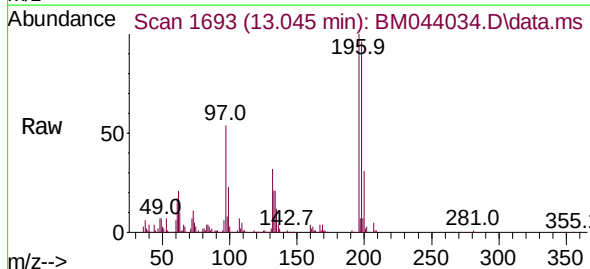


Abundance Scan 1695 (13.057 min): BM044023.D\data.ms (-1649) (-)

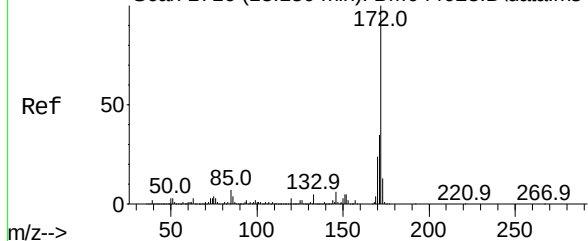


2,4,5-Trichlorophenol
Concen: 6.327 ng
RT: 13.045 min Scan# 1693
Delta R.T. -0.012 min
Lab File: BM044034.D
Acq: 09 Feb 2024 11:53

Tgt Ion:	196	Resp:	174193
Ion	Ratio	Lower	Upper
196	100		
198	96.2	76.9	115.3
97	54.1	39.0	58.4
132	31.9	22.6	33.8



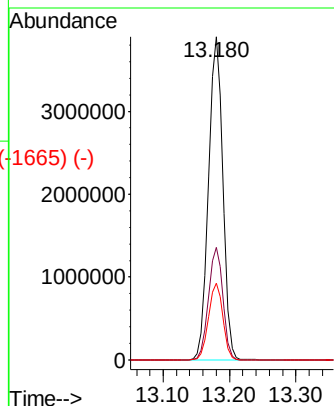
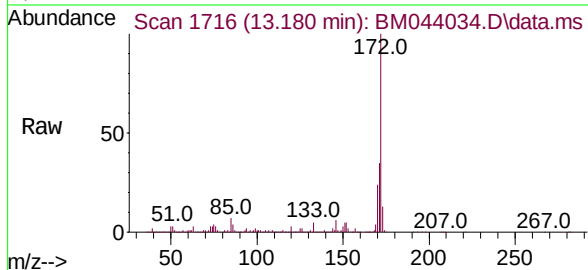
Abundance Scan 1716 (13.180 min): BM044023.D\data.ms (-1745) (-)



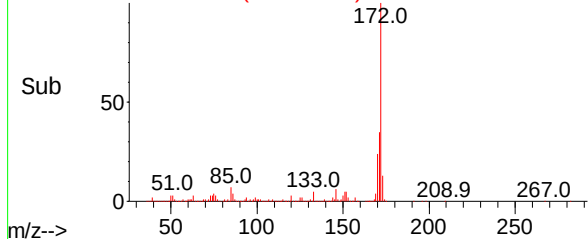
2-Fluorobiphenyl
Concen: 65.725 ng
RT: 13.180 min Scan# 1716
Delta R.T. -0.000 min
Lab File: BM044034.D
Acq: 09 Feb 2024 11:53

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2023

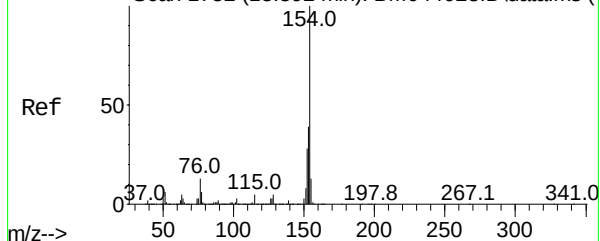
Tgt Ion:	172	Resp:	5906594
Ion	Ratio	Lower	Upper
172	100		
171	34.9	27.9	41.9
170	23.8	19.0	28.4



Abundance Scan 1716 (13.180 min): BM044034.D\data.ms (-1665) (-)

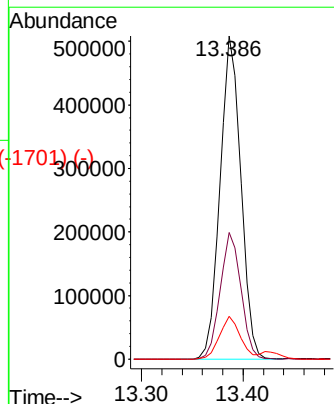
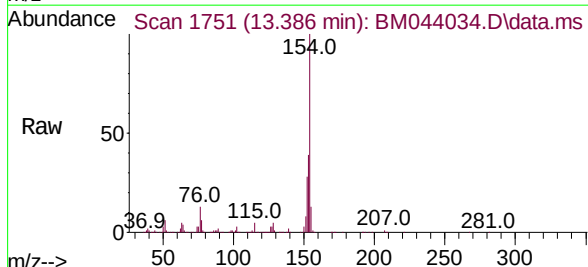


Abundance Scan 1752 (13.392 min): BM044023.D\data.ms (-1745) (-)

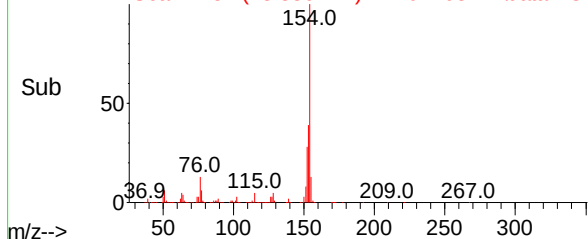


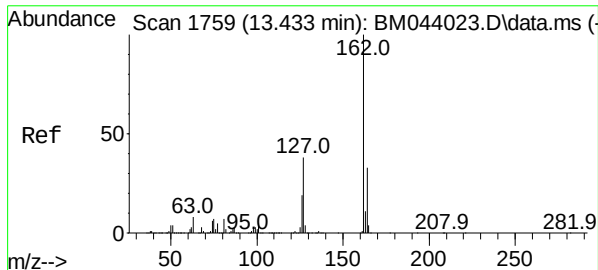
1,1'-Biphenyl
Concen: 7.232 ng
RT: 13.386 min Scan# 1751
Delta R.T. -0.006 min
Lab File: BM044034.D
Acq: 09 Feb 2024 11:53

Tgt Ion:	154	Resp:	723746
Ion	Ratio	Lower	Upper
154	100		
153	39.2	19.4	59.4
76	13.2	0.0	32.9



Abundance Scan 1751 (13.386 min): BM044034.D\data.ms (-1701) (-)

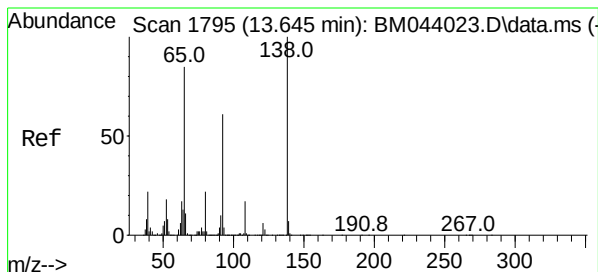
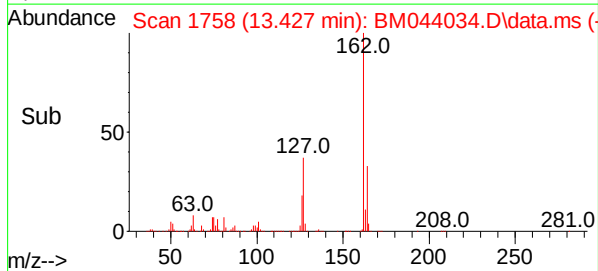
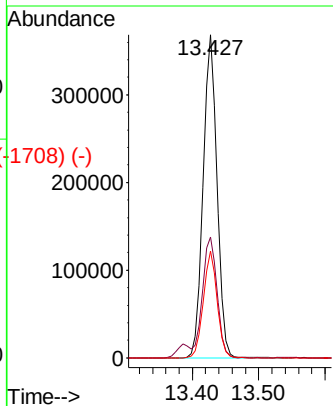
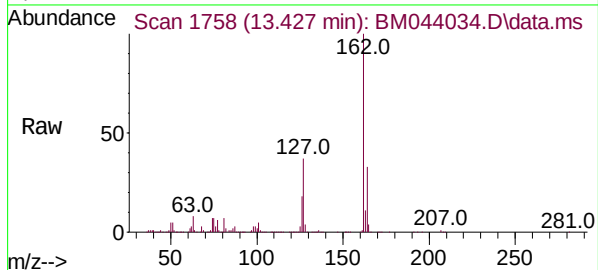




2-Chloronaphthalene
 Concen: 6.849 ng
 RT: 13.427 min Scan# 1758
 Delta R.T. -0.006 min
 Lab File: BM044034.D
 Acq: 09 Feb 2024 11:53

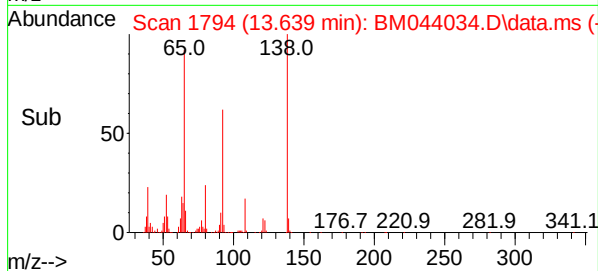
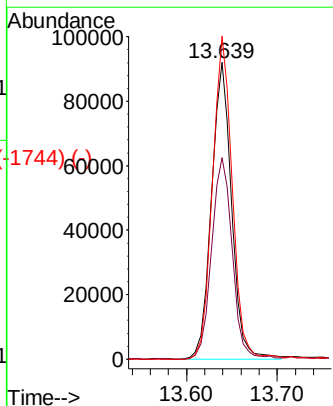
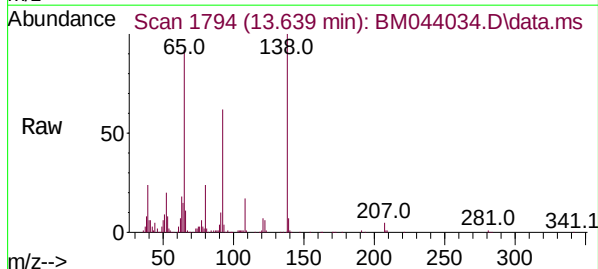
Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2023

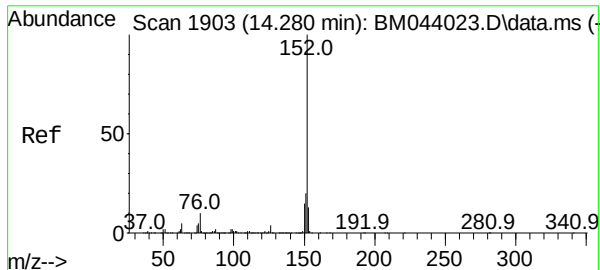
Tgt Ion:	162	Resp:	542969
Ion	Ratio	Lower	Upper
162	100		
127	37.5	30.9	46.3
164	33.0	26.4	39.6



2-Nitroaniline
 Concen: 6.345 ng
 RT: 13.639 min Scan# 1794
 Delta R.T. -0.006 min
 Lab File: BM044034.D
 Acq: 09 Feb 2024 11:53

Tgt Ion:	65	Resp:	141507
Ion	Ratio	Lower	Upper
65	100		
92	67.9	58.1	87.1
138	108.9	94.6	142.0





Acenaphthylene

Concen: 7.424 ng

RT: 14.274 min Scan#

Delta R.T. -0.006 min

Lab File: BM044034.D

Acq: 09 Feb 2024 11:53

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2023

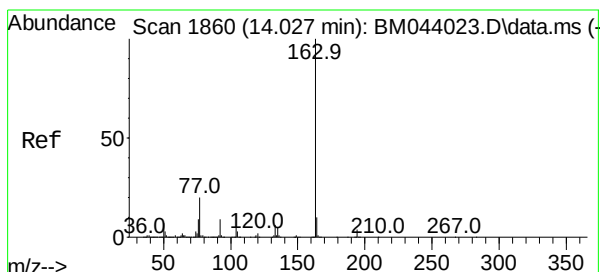
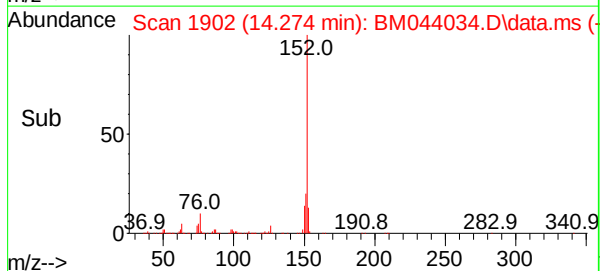
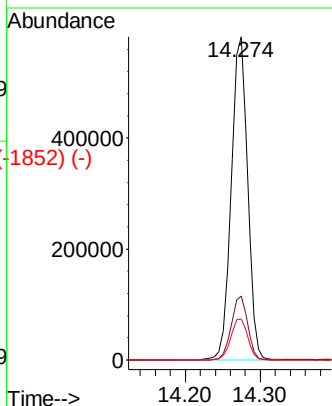
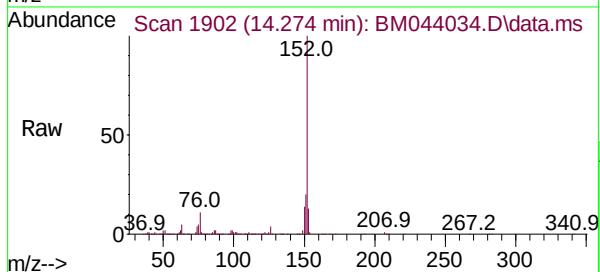
Tgt Ion:152 Resp: 878109

Ion Ratio Lower Upper

152 100

151 19.8 15.8 23.6

153 12.7 10.5 15.7



Dimethylphthalate

Concen: 7.016 ng

RT: 14.021 min Scan# 1859

Delta R.T. -0.006 min

Lab File: BM044034.D

Acq: 09 Feb 2024 11:53

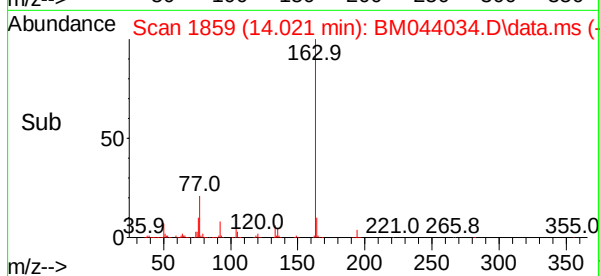
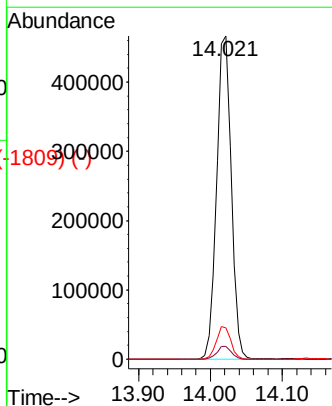
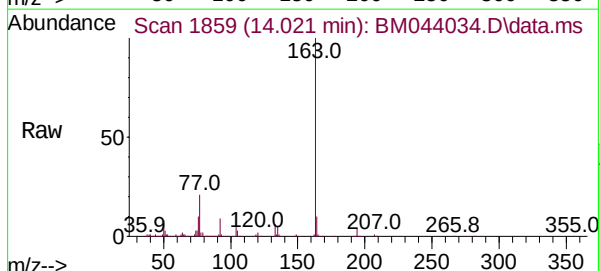
Tgt Ion:163 Resp: 659778

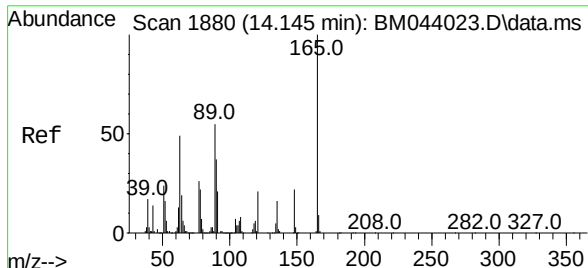
Ion Ratio Lower Upper

163 100

194 4.0 3.1 4.7

164 9.8 8.2 12.2

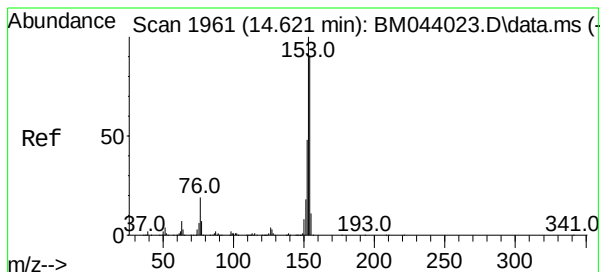
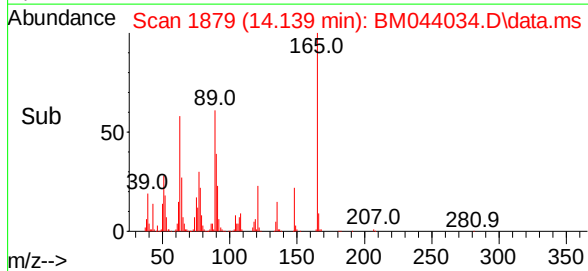
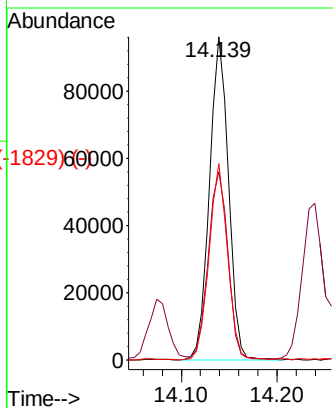
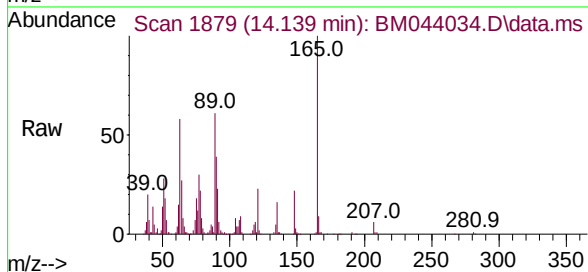




Scan 1880 (14.145 min): BM044023.D\data.ms (-1852) (-)
 2,6-Dinitrotoluene
 Concen: 6.325 ng
 RT: 14.139 min Scan# 1852
 Delta R.T. -0.006 min
 Lab File: BM044034.D
 Acq: 09 Feb 2024 11:53

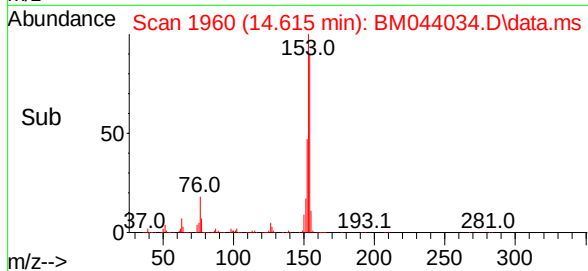
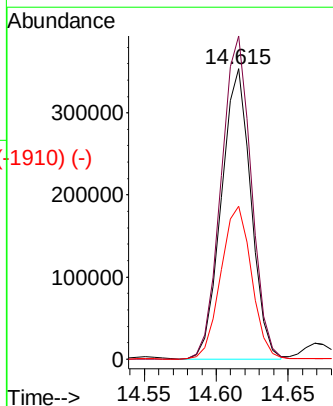
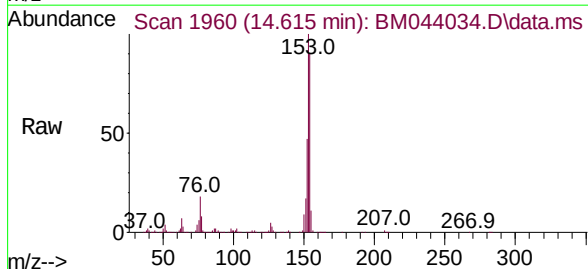
Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2023

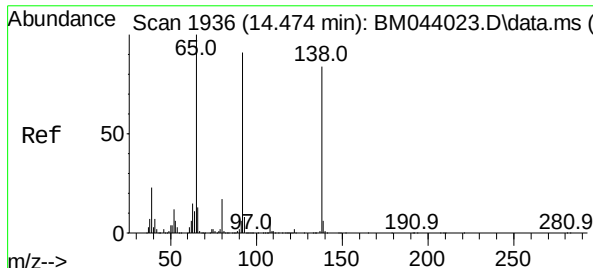
Tgt Ion:	165	Resp:	131237
Ion	Ratio	Lower	Upper
165	100		
63	58.3	43.5	65.3
89	60.8	44.4	66.6



Scan 1961 (14.621 min): BM044023.D\data.ms (-1952) (-)
 Acenaphthene
 Concen: 6.910 ng
 RT: 14.615 min Scan# 1960
 Delta R.T. -0.006 min
 Lab File: BM044034.D
 Acq: 09 Feb 2024 11:53

Tgt Ion:	154	Resp:	505825
Ion	Ratio	Lower	Upper
154	100		
153	111.3	89.3	133.9
152	52.6	43.0	64.6

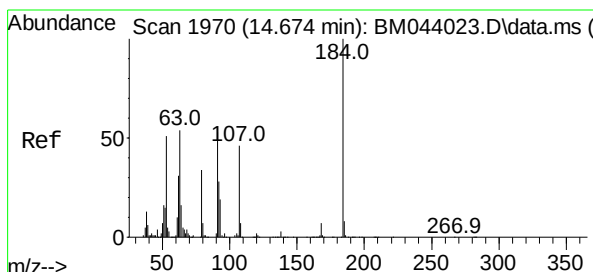
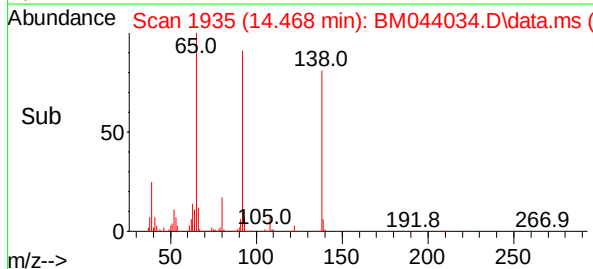
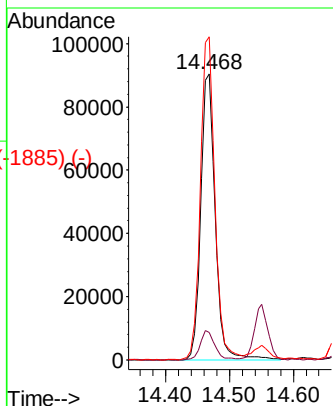
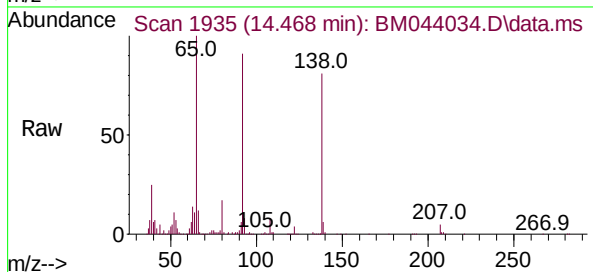




3-Nitroaniline
 Concen: 6.362 ng
 RT: 14.468 min Scan# 1935
 Delta R.T. -0.006 min
 Lab File: BM044034.D
 Acq: 09 Feb 2024 11:53

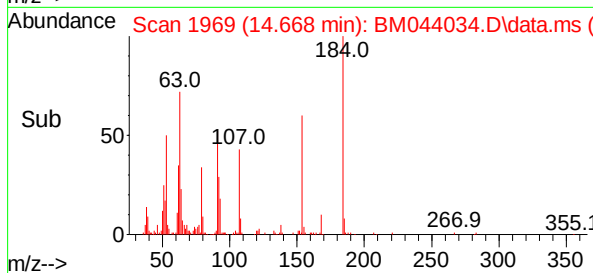
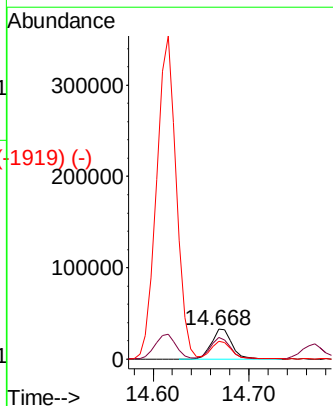
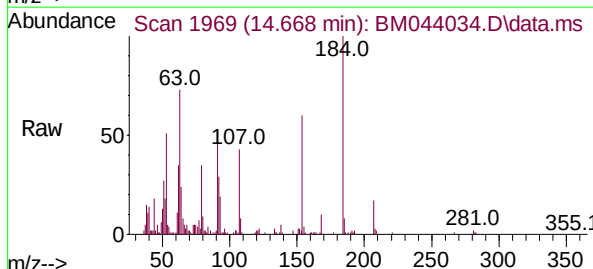
Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2023

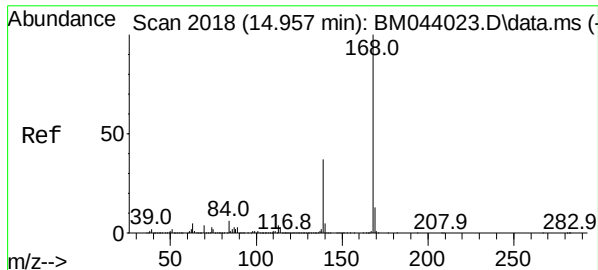
Tgt Ion:	138	Resp:	141868
Ion	Ratio	Lower	Upper
138	100		
108	9.5	7.6	11.4
92	113.0	86.5	129.7



2,4-Dinitrophenol
 Concen: 9.205 ng
 RT: 14.668 min Scan# 1969
 Delta R.T. -0.006 min
 Lab File: BM044034.D
 Acq: 09 Feb 2024 11:53

Tgt Ion:	184	Resp:	48441
Ion	Ratio	Lower	Upper
184	100		
63	73.0	55.4	83.2
154	59.8	49.2	73.8

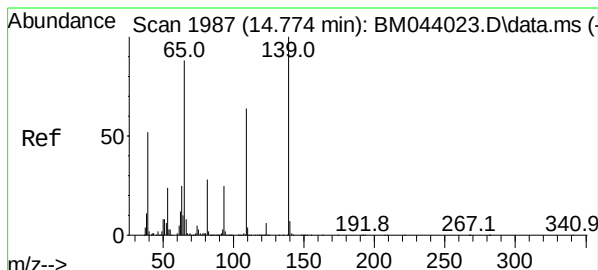
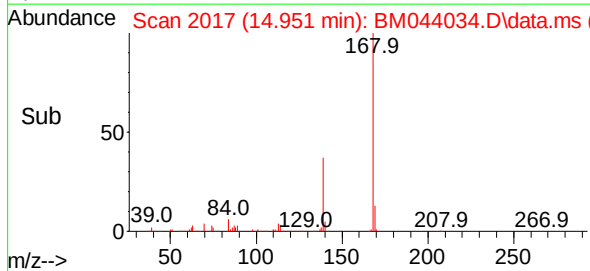
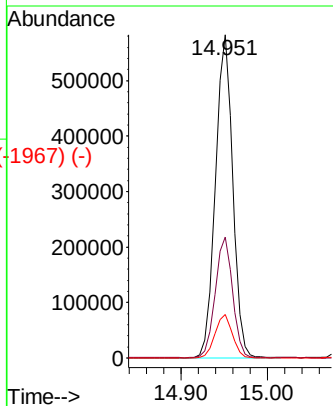
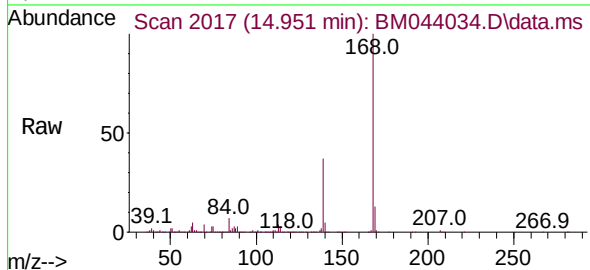




Dibenzenofuran
Concen: 7.217 ng
RT: 14.951 min Scan# 1955
Delta R.T. -0.006 min
Lab File: BM044034.D
Acq: 09 Feb 2024 11:53

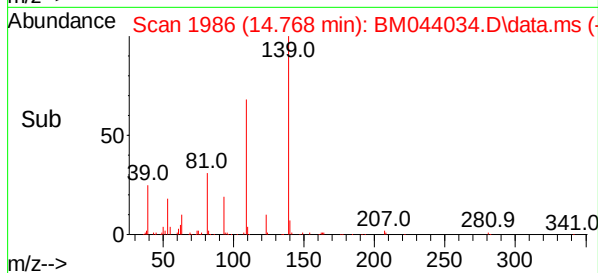
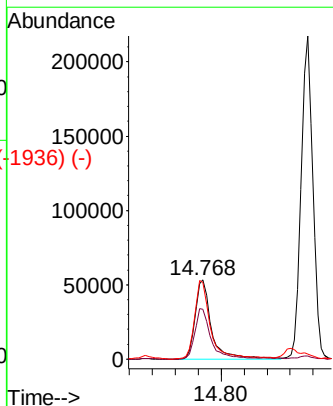
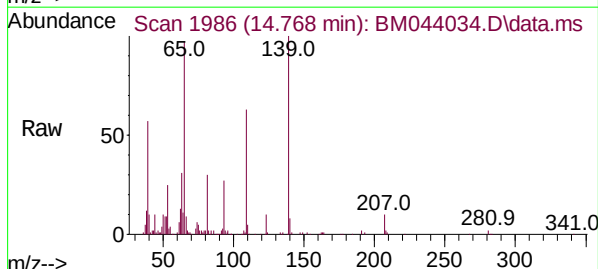
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2023

Tgt Ion:	168	Resp:	817687
Ion	Ratio	Lower	Upper
168	100		
139	37.3	29.6	44.4
169	13.5	10.5	15.7



4-Nitrophenol
Concen: 5.699 ng
RT: 14.768 min Scan# 1986
Delta R.T. -0.006 min
Lab File: BM044034.D
Acq: 09 Feb 2024 11:53

Tgt Ion:	139	Resp:	103307
Ion	Ratio	Lower	Upper
139	100		
109	63.0	43.8	83.8
65	96.6	67.7	107.7



Abundance Scan 213 (14.927 min): BM044023.D\data.ms (-213) (-)

2,4-Dinitrotoluene

Concen: 6.077 ng

RT: 14.921 min Scan# 213

Delta R.T. -0.006 min

Lab File: BM044034.D

Acq: 09 Feb 2024 11:53

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2023

m/z-->

Abundance Scan 212 (14.921 min): BM044034.D\data.ms

Raw

m/z-->

Abundance Scan 212 (14.921 min): BM044034.D\data.ms (-1962) (-)

Sub

m/z-->

Tgt Ion:165 Resp: 164788

Ion Ratio Lower Upper

165 100

63 45.4 35.9 53.9

89 76.6 58.9 88.3

182 2.4 1.9 2.9

Abundance

14.921

100000

50000

0

14.90 15.00

Time-->

Abundance Scan 2128 (15.604 min): BM044023.D\data.ms (-2128) (-)

Fluorene

Concen: 7.357 ng

RT: 15.598 min Scan# 2127

Delta R.T. -0.006 min

Lab File: BM044034.D

Acq: 09 Feb 2024 11:53

m/z-->

Abundance Scan 2127 (15.598 min): BM044034.D\data.ms

Raw

m/z-->

Abundance Scan 2127 (15.598 min): BM044034.D\data.ms (-2077) (-)

Sub

m/z-->

Tgt Ion:166 Resp: 644060

Ion Ratio Lower Upper

166 100

165 97.5 77.7 116.5

167 13.7 10.7 16.1

Abundance

15.598

400000

300000

200000

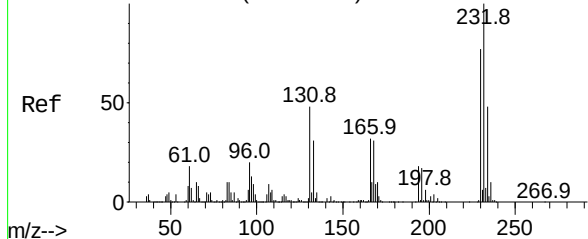
100000

0

15.50 15.60

Time-->

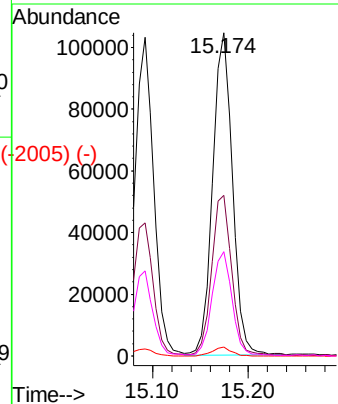
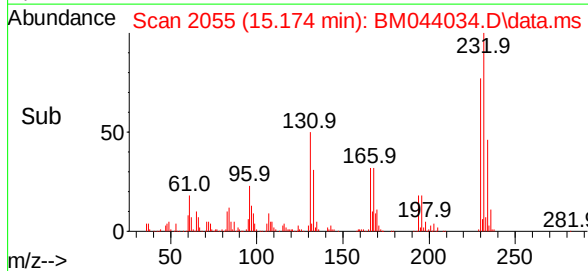
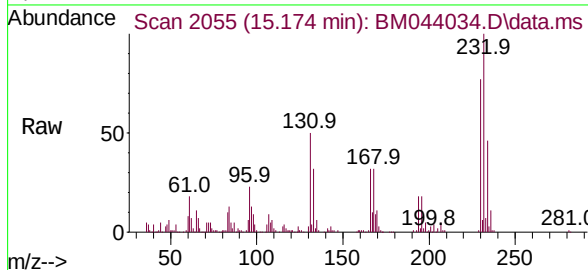
Abundance Scan 2056 (15.180 min): BM044023.D\data.ms (-2056) (-)



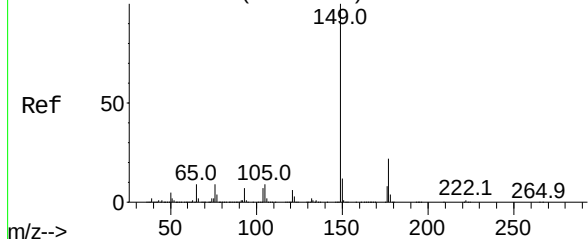
2,3,4,6-Tetrachlorophenol
Concen: 6.913 ng
RT: 15.174 min Scan# 2055
Delta R.T. -0.006 min
Lab File: BM044034.D
Acq: 09 Feb 2024 11:53

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2023

Tgt Ion:	232	Resp:	149344
Ion	Ratio	Lower	Upper
232	100		
131	50.1	39.5	59.3
130	2.6	2.0	3.0
166	32.6	26.0	39.0

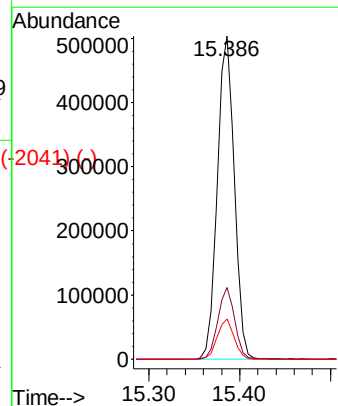
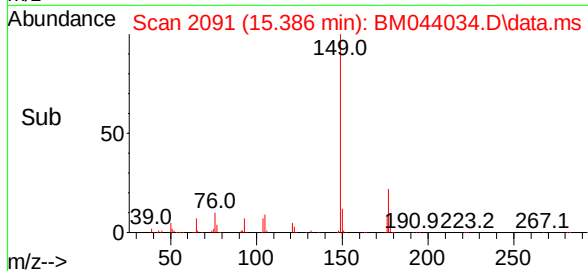
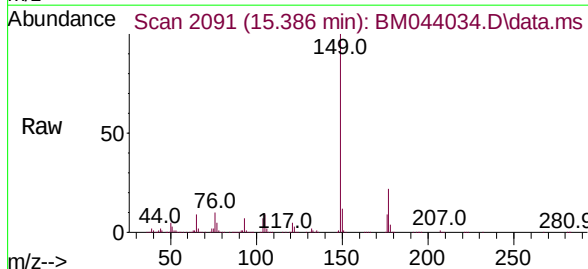


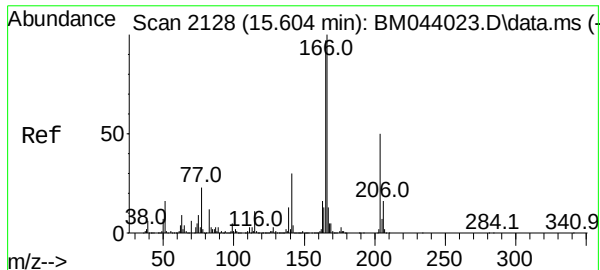
Abundance Scan 2092 (15.392 min): BM044023.D\data.ms (-2092) (-)



Diethylphthalate
Concen: 6.732 ng
RT: 15.386 min Scan# 2091
Delta R.T. -0.006 min
Lab File: BM044034.D
Acq: 09 Feb 2024 11:53

Tgt Ion:	149	Resp:	654259
Ion	Ratio	Lower	Upper
149	100		
177	22.1	17.5	26.3
150	12.5	9.8	14.6

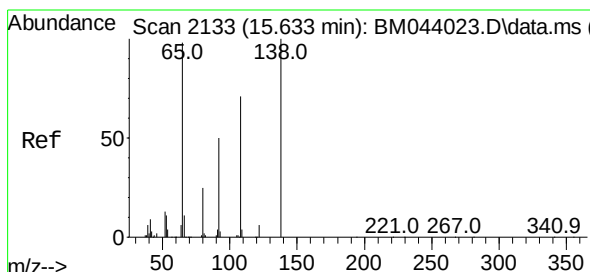
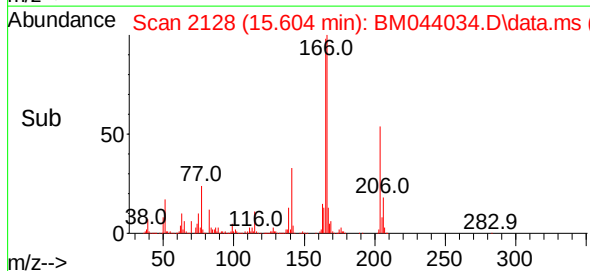
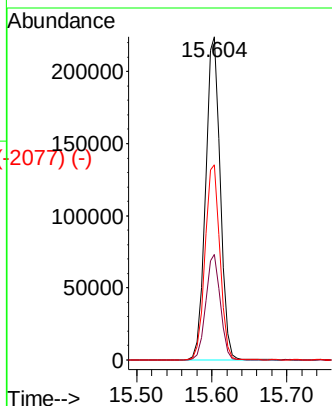
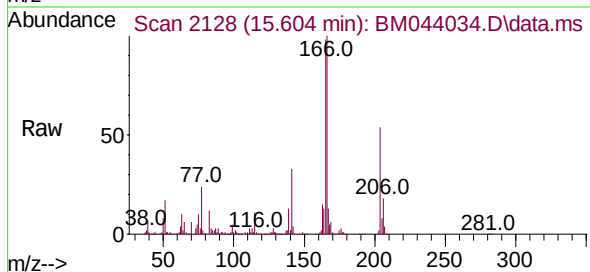




4-Chlorophenyl-phenylether
Concen: 7.266 ng
RT: 15.604 min Scan# 2128
Delta R.T. -0.000 min
Lab File: BM044034.D
Acq: 09 Feb 2024 11:53

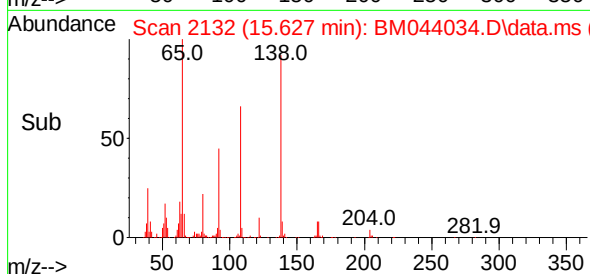
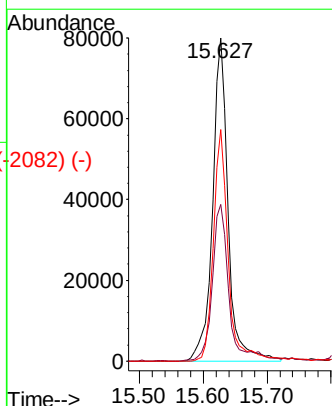
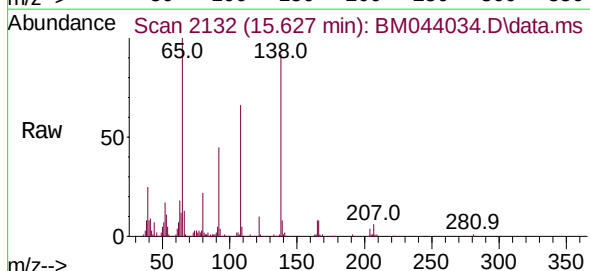
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2023

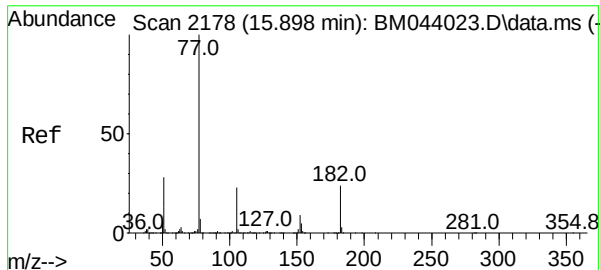
Tgt Ion:	204	Resp:	308242
Ion	Ratio	Lower	Upper
204	100		
206	32.7	26.3	39.5
141	60.4	47.7	71.5



4-Nitroaniline
Concen: 5.947 ng
RT: 15.627 min Scan# 2132
Delta R.T. -0.006 min
Lab File: BM044034.D
Acq: 09 Feb 2024 11:53

Tgt Ion:	138	Resp:	133485
Ion	Ratio	Lower	Upper
138	100		
92	48.6	29.6	69.6
108	71.6	47.8	87.8

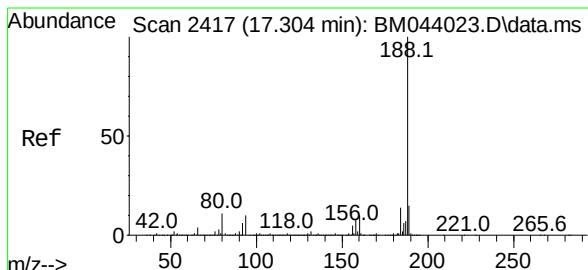
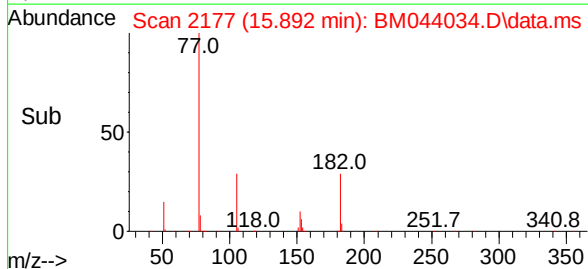
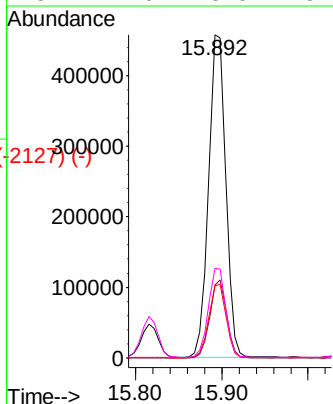
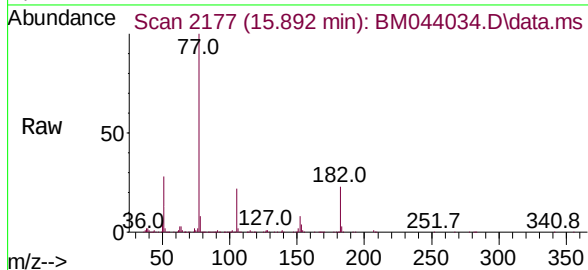




Azobenzene
Concen: 6.918 ng
RT: 15.892 min Scan# 2178
Delta R.T. -0.006 min
Lab File: BM044034.D
Acq: 09 Feb 2024 11:53

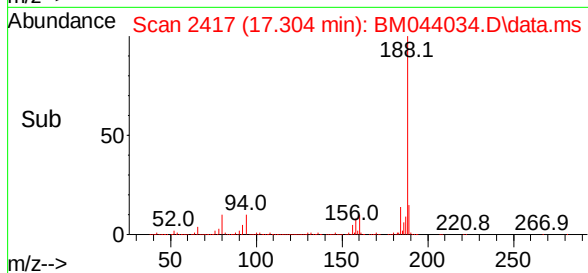
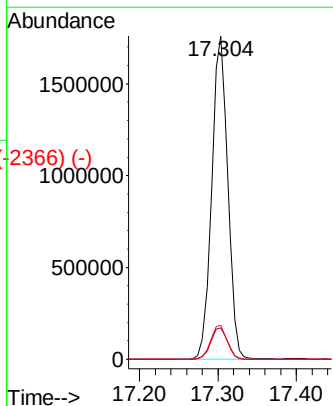
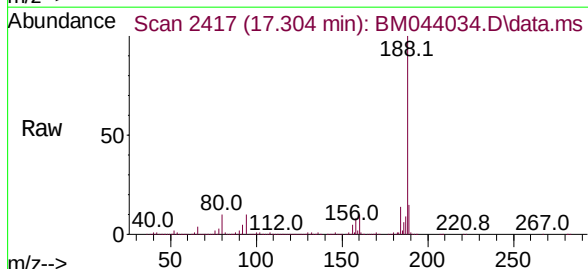
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2023

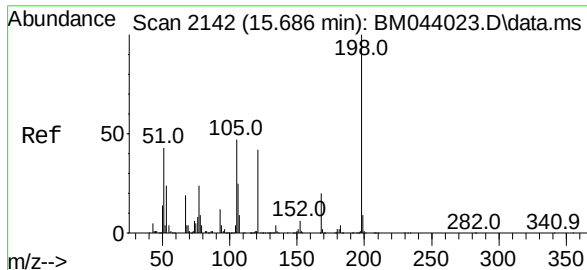
Tgt Ion:	77	Resp:	630763
Ion	Ratio	Lower	Upper
77	100		
182	22.5	4.0	44.0
105	22.3	3.3	43.3
51	27.6	8.0	48.0



Phenanthrene-d10
Concen: 20.000 ng
RT: 17.304 min Scan# 2417
Delta R.T. -0.000 min
Lab File: BM044034.D
Acq: 09 Feb 2024 11:53

Tgt Ion:	188	Resp:	2501626
Ion	Ratio	Lower	Upper
188	100		
94	9.8	8.2	12.2
80	10.4	8.8	13.2

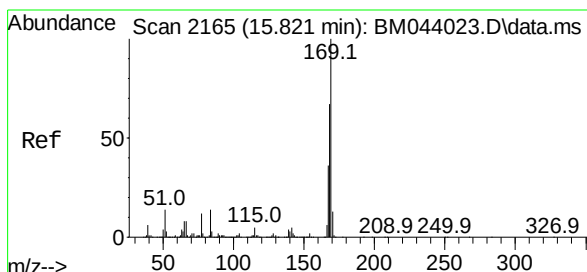
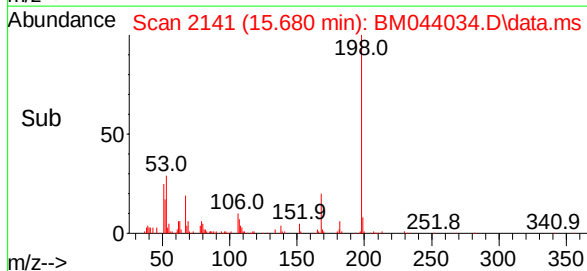
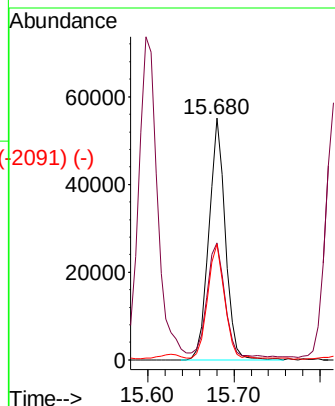
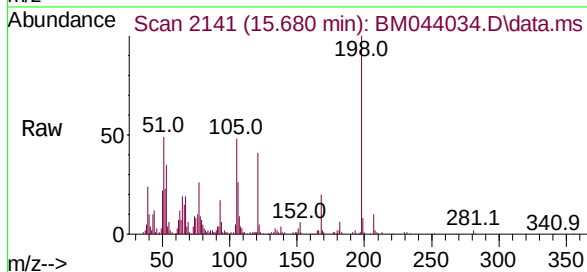




4,6-Dinitro-2-methylphenol
 Concen: 4.851 ng
 RT: 15.680 min Scan# 2141
 Delta R.T. -0.006 min
 Lab File: BM044034.D
 Acq: 09 Feb 2024 11:53

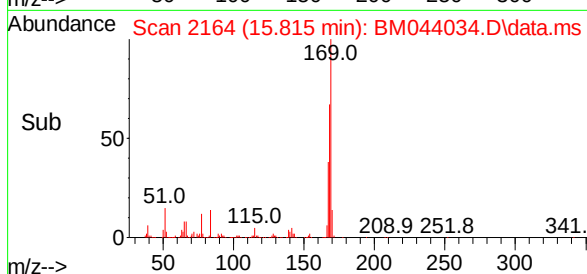
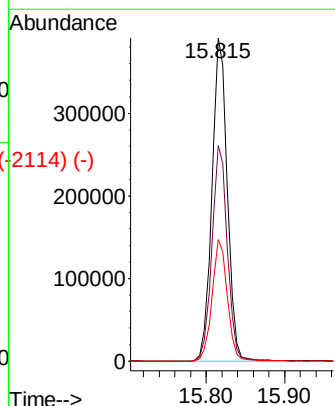
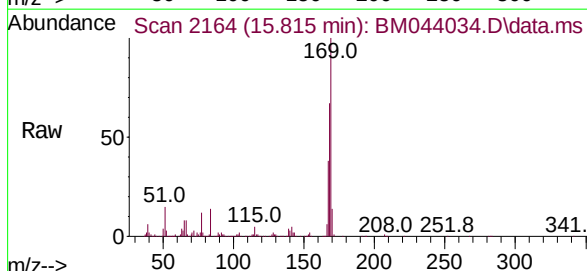
Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2023

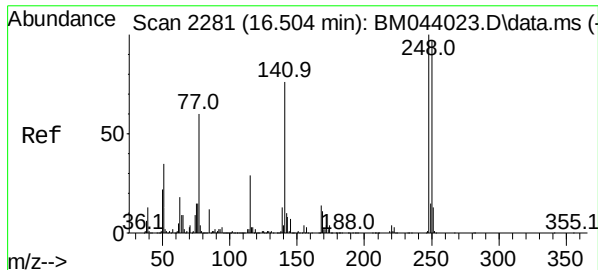
Tgt Ion:	198	Resp:	72309
Ion	Ratio	Lower	Upper
198	100		
51	48.5	29.9	69.9
105	47.9	28.7	68.7



n-Nitrosodiphenylamine
 Concen: 7.021 ng
 RT: 15.815 min Scan# 2164
 Delta R.T. -0.006 min
 Lab File: BM044034.D
 Acq: 09 Feb 2024 11:53

Tgt Ion:	169	Resp:	533599
Ion	Ratio	Lower	Upper
169	100		
168	66.8	53.8	80.8
167	37.6	29.2	43.8

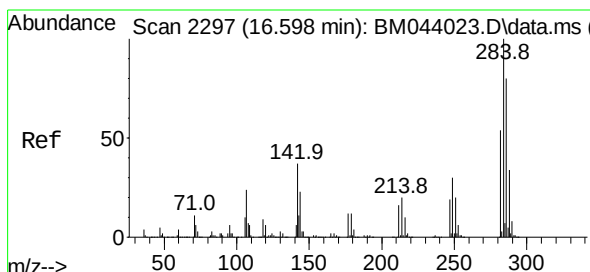
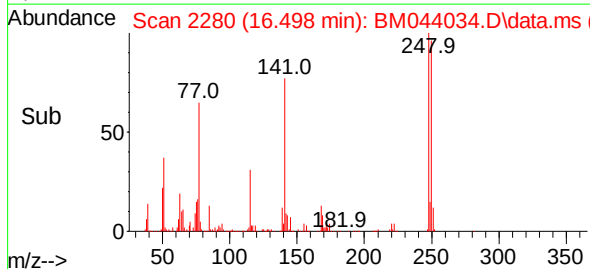
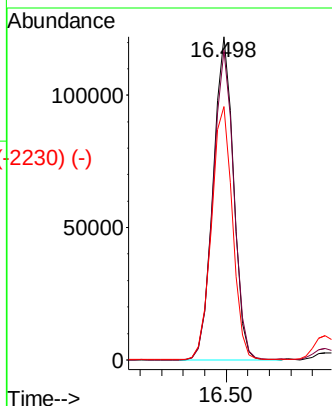
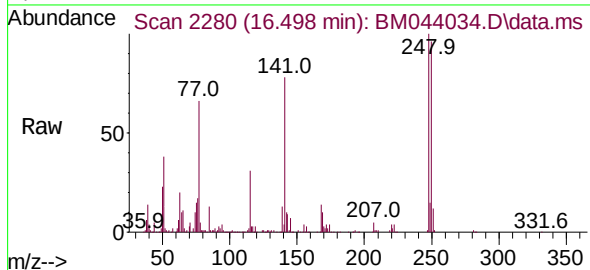




4-Bromophenyl-phenylether
Concen: 6.543 ng
RT: 16.498 min Scan# 2280
Delta R.T. -0.006 min
Lab File: BM044034.D
Acq: 09 Feb 2024 11:53

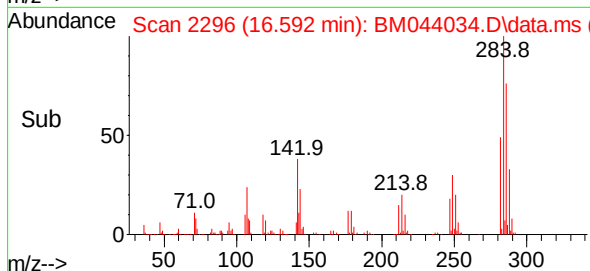
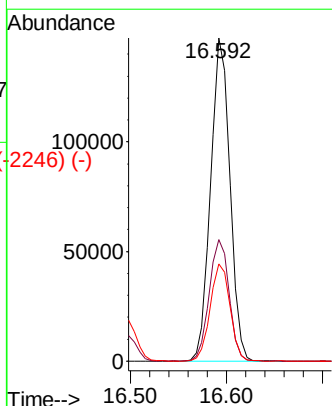
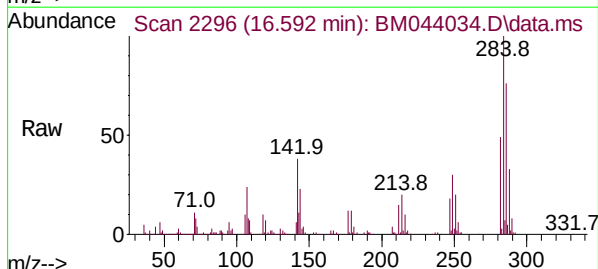
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2023

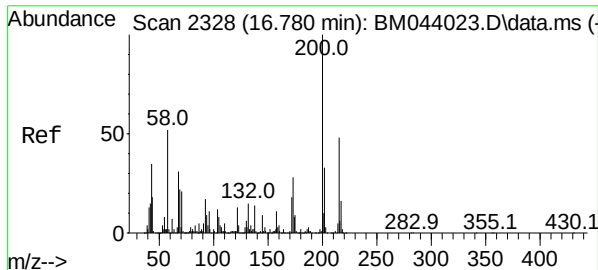
Tgt Ion:	248	Resp:	161826
Ion	Ratio	Lower	Upper
248	100		
250	95.9	77.4	116.2
141	78.3	61.0	91.6



Hexachlorobenzene
Concen: 6.749 ng
RT: 16.592 min Scan# 2296
Delta R.T. -0.006 min
Lab File: BM044034.D
Acq: 09 Feb 2024 11:53

Tgt Ion:	284	Resp:	204488
Ion	Ratio	Lower	Upper
284	100		
142	37.5	30.0	45.0
249	30.1	24.1	36.1

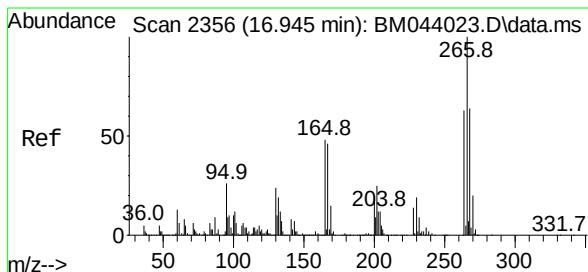
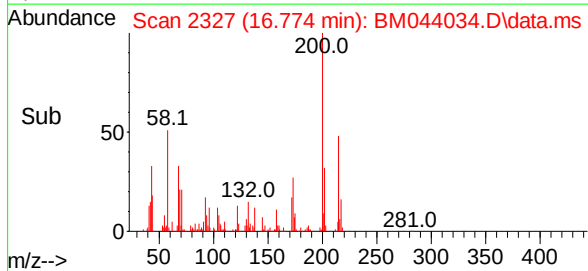
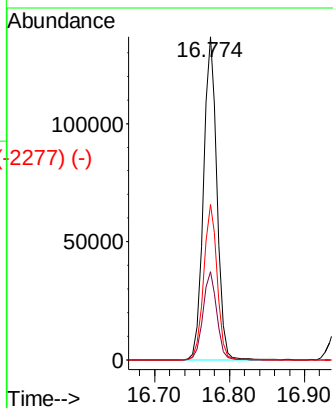
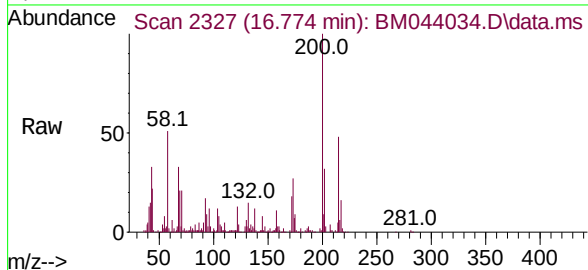




Atrazine
Concen: 8.407 ng
RT: 16.774 min Scan# 2327
Delta R.T. -0.006 min
Lab File: BM044034.D
Acq: 09 Feb 2024 11:53

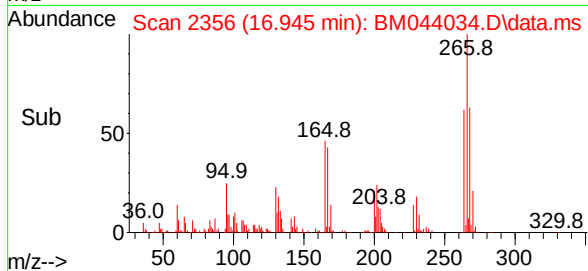
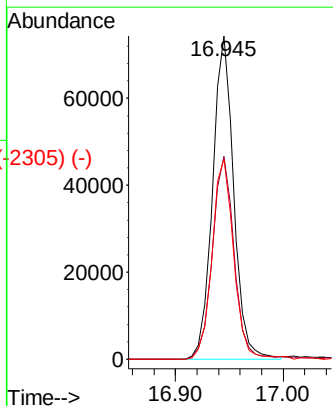
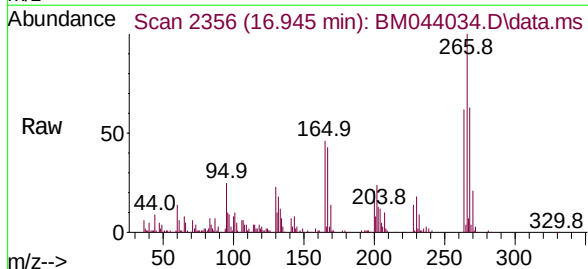
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2023

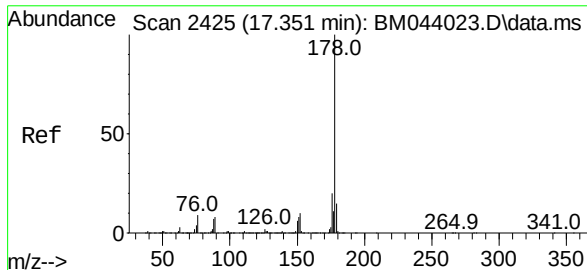
Tgt Ion:	200	Resp:	173020
Ion	Ratio	Lower	Upper
200	100		
173	27.2	7.9	47.9
215	48.1	27.9	67.9



Pentachlorophenol
Concen: 5.152 ng
RT: 16.945 min Scan# 2356
Delta R.T. -0.000 min
Lab File: BM044034.D
Acq: 09 Feb 2024 11:53

Tgt Ion:	266	Resp:	101547
Ion	Ratio	Lower	Upper
266	100		
268	62.7	51.1	76.7
264	61.9	50.5	75.7

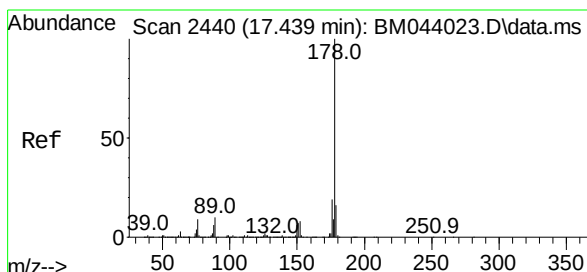
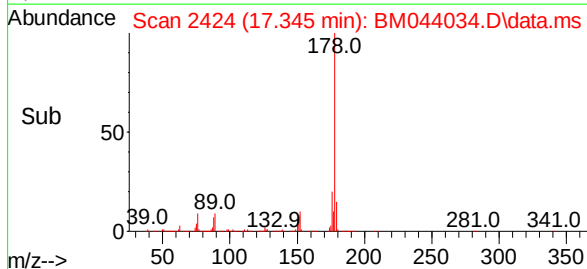
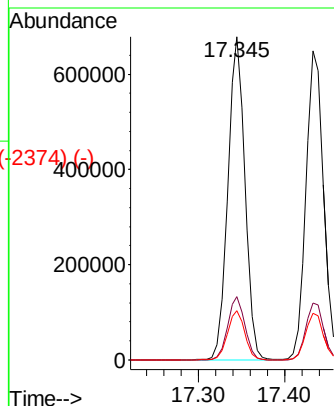
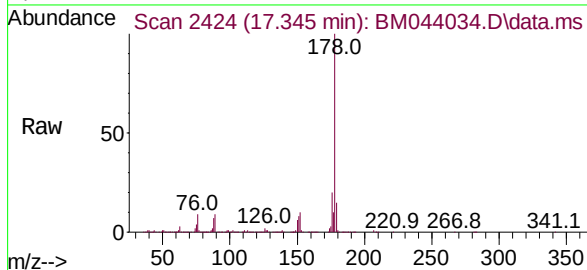




Phenanthrene
Concen: 7.168 ng
RT: 17.345 min Scan# 2425
Delta R.T. -0.006 min
Lab File: BM044034.D
Acq: 09 Feb 2024 11:53

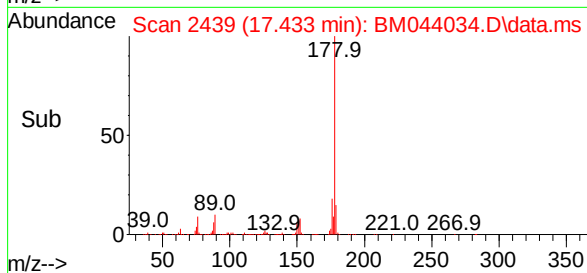
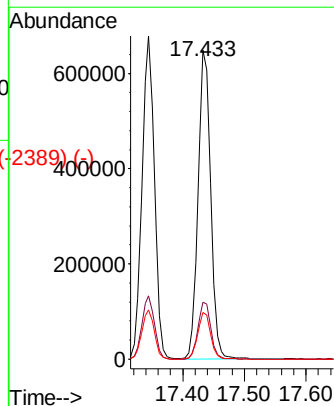
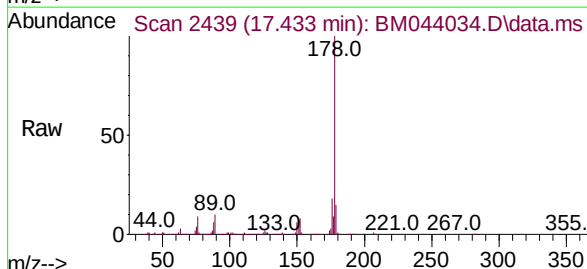
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2023

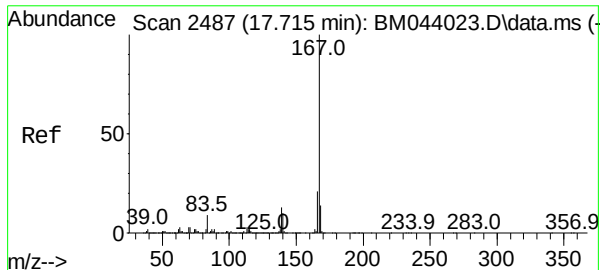
Tgt Ion:	178	Resp:	946863
Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.6	23.4
179	15.2	12.2	18.4



Anthracene
Concen: 7.052 ng
RT: 17.433 min Scan# 2439
Delta R.T. -0.006 min
Lab File: BM044034.D
Acq: 09 Feb 2024 11:53

Tgt Ion:	178	Resp:	922235
Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.3	22.9
179	15.0	12.4	18.6

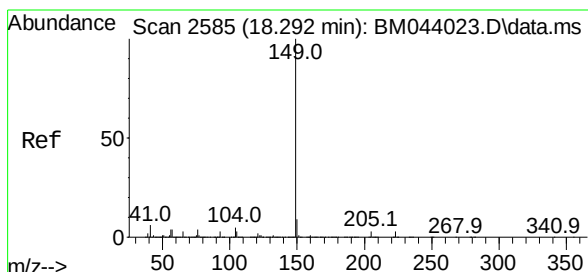
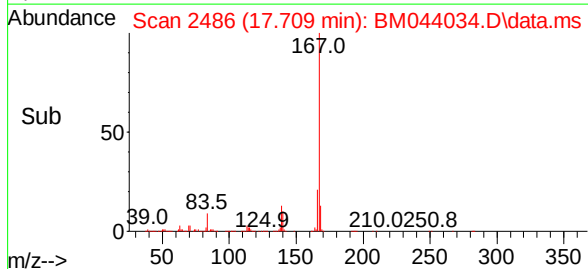
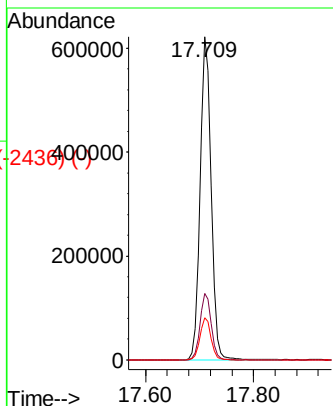
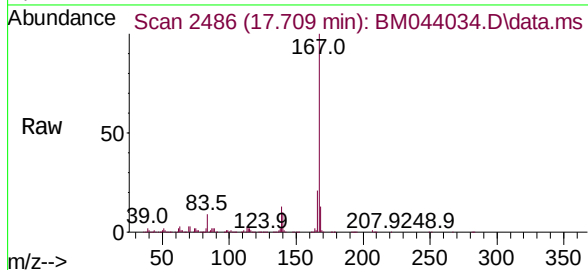




Carbazole
Concen: 6.847 ng
RT: 17.709 min Scan# 2486
Delta R.T. -0.006 min
Lab File: BM044034.D
Acq: 09 Feb 2024 11:53

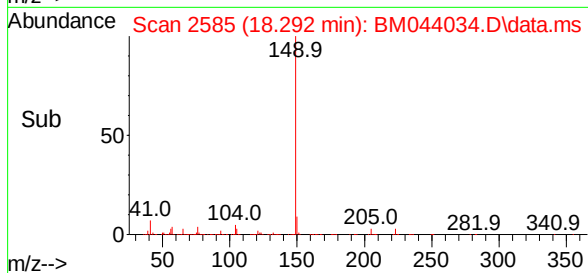
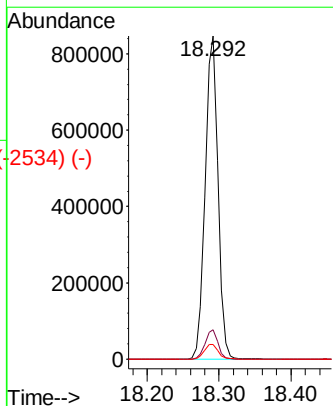
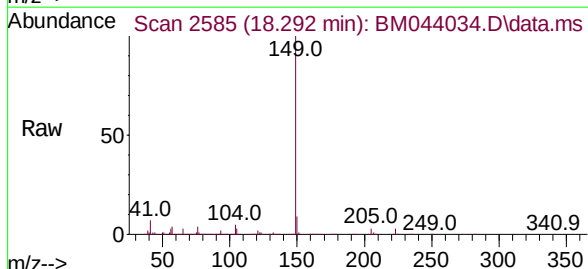
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2023

Tgt Ion:	167	Resp:	870906
Ion	Ratio	Lower	Upper
167	100		
166	20.6	16.8	25.2
139	13.0	10.4	15.6

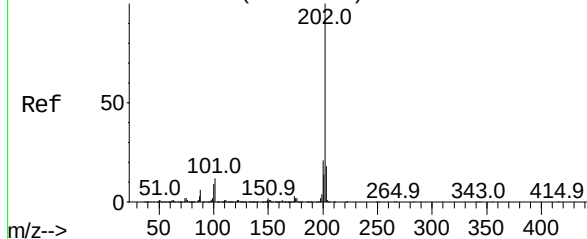


Di-n-butylphthalate
Concen: 6.351 ng
RT: 18.292 min Scan# 2585
Delta R.T. -0.000 min
Lab File: BM044034.D
Acq: 09 Feb 2024 11:53

Tgt Ion:	149	Resp:	1049985
Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.4	11.2
104	4.6	3.8	5.6



Abundance Scan 2768 (19.368 min): BM044023.D\data.ms (-2768) (-)



Fluoranthene

Concen: 6.681 ng

RT: 19.362 min Scan# 2768

Delta R.T. -0.006 min

Lab File: BM044034.D

Acq: 09 Feb 2024 11:53

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2023

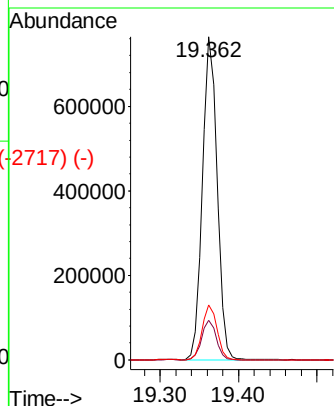
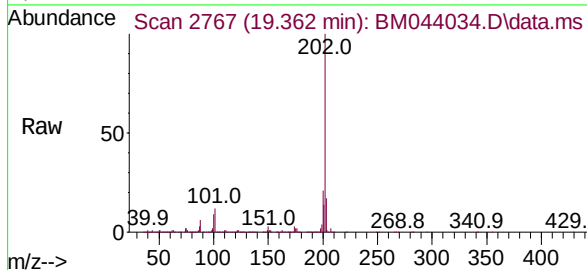
Tgt Ion:202 Resp: 991454

Ion Ratio Lower Upper

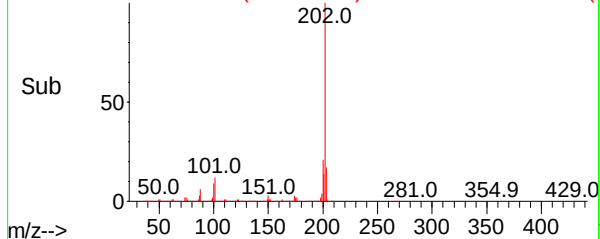
202 100

101 12.3 0.0 32.4

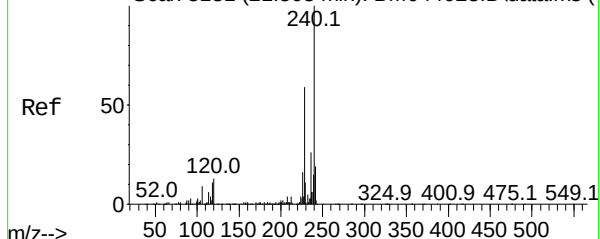
203 17.0 0.0 37.8



Abundance Scan 2767 (19.362 min): BM044034.D\data.ms (-2717) (-)



Abundance Scan 3131 (21.503 min): BM044023.D\data.ms (-3170) (-)



Chrysene-d12

Concen: 20.000 ng

RT: 21.503 min Scan# 3131

Delta R.T. -0.000 min

Lab File: BM044034.D

Acq: 09 Feb 2024 11:53

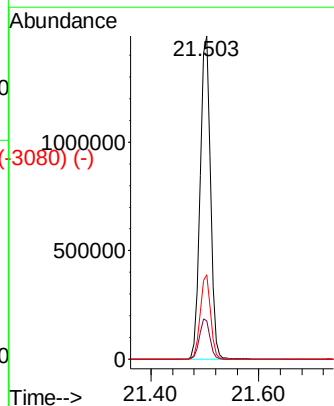
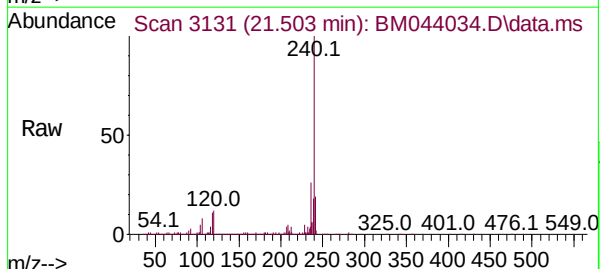
Tgt Ion:240 Resp: 1956563

Ion Ratio Lower Upper

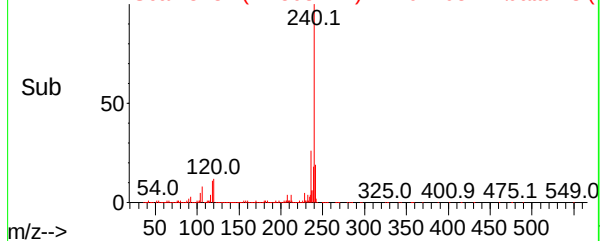
240 100

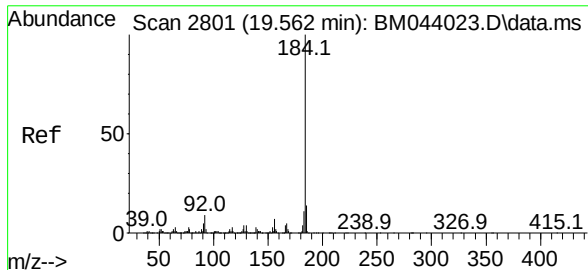
120 11.9 10.1 15.1

236 26.1 20.6 31.0



Abundance Scan 3131 (21.503 min): BM044034.D\data.ms (-3080) (-)

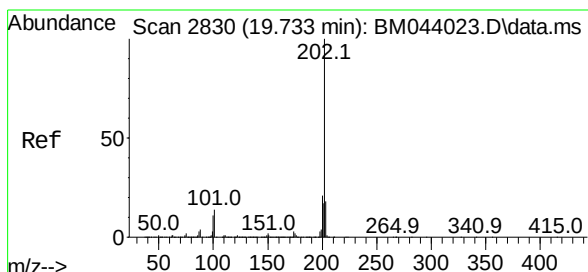
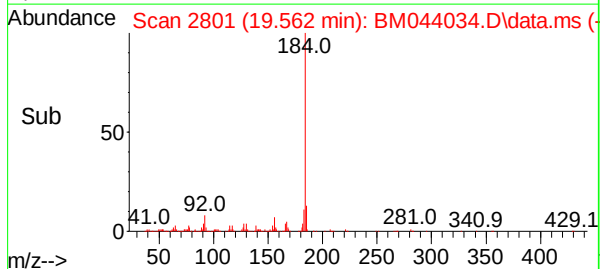
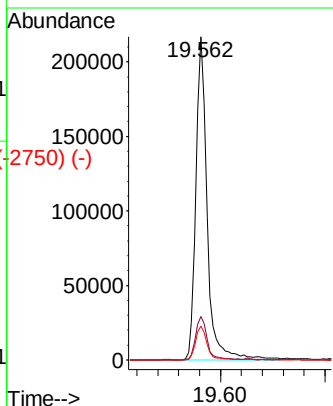
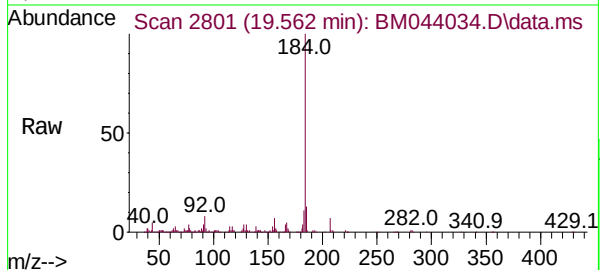




Benzidine
Concen: 10.533 ng
RT: 19.562 min Scan# 2801
Delta R.T. -0.000 min
Lab File: BM044034.D
Acq: 09 Feb 2024 11:53

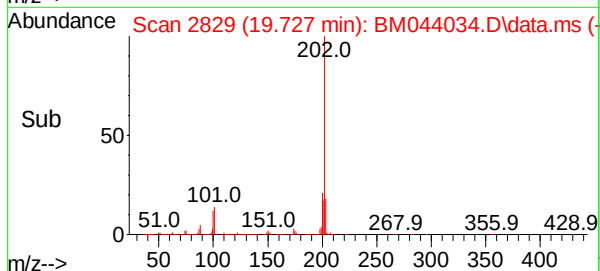
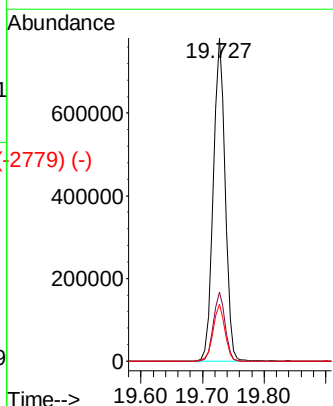
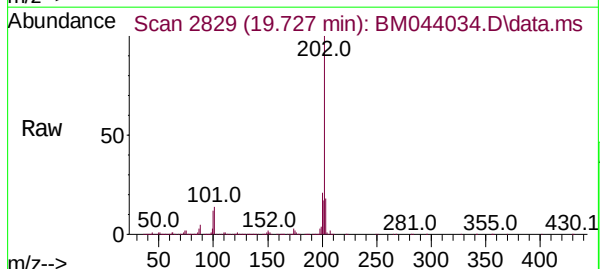
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2023

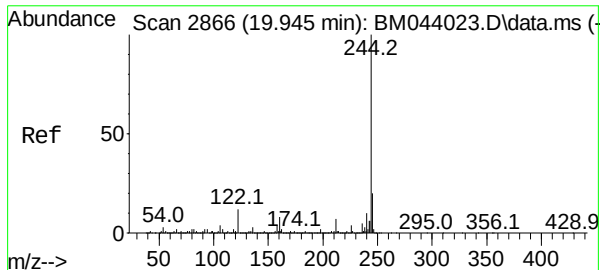
Tgt Ion:	184	Resp:	320264
Ion	Ratio	Lower	Upper
184	100		
185	13.4	11.0	16.6
183	10.5	9.0	13.4



Pyrene
Concen: 6.907 ng
RT: 19.727 min Scan# 2829
Delta R.T. -0.006 min
Lab File: BM044034.D
Acq: 09 Feb 2024 11:53

Tgt Ion:	202	Resp:	1040809
Ion	Ratio	Lower	Upper
202	100		
200	21.4	16.8	25.2
203	17.6	14.0	21.0



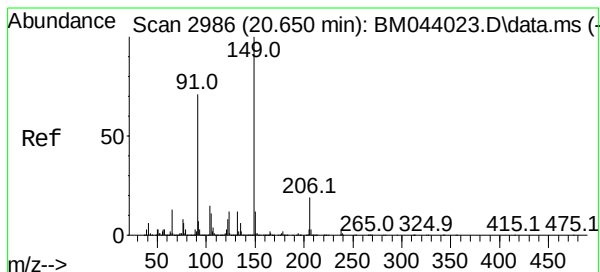
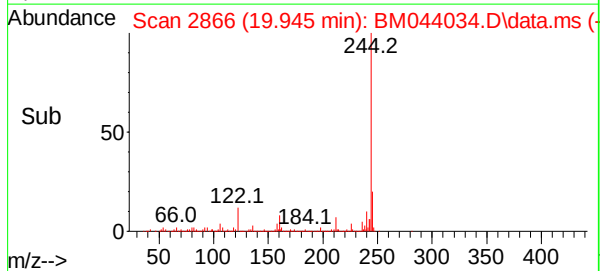
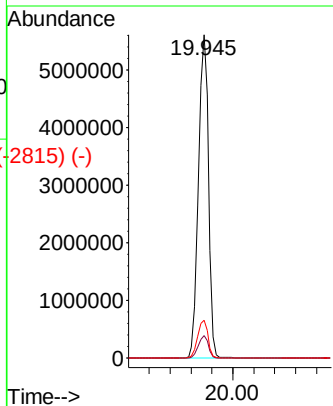
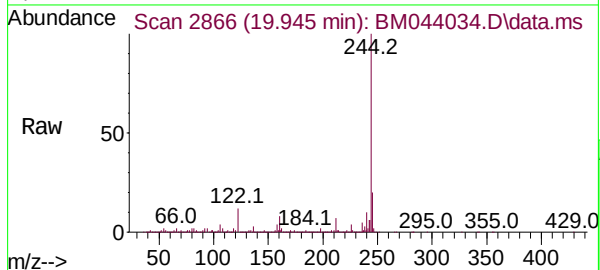


Terphenyl-d14
 Concen: 66.557 ng
 RT: 19.945 min Scan# 2866
 Delta R.T. -0.000 min
 Lab File: BM044034.D
 Acq: 09 Feb 2024 11:53

Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2023

Tgt Ion:244 Resp: 7428428

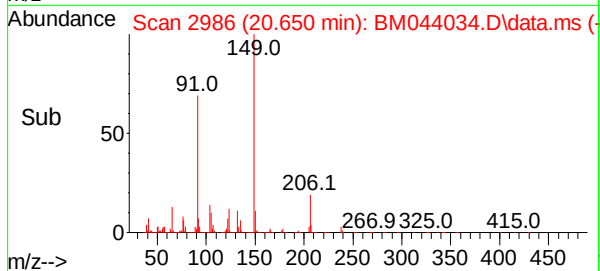
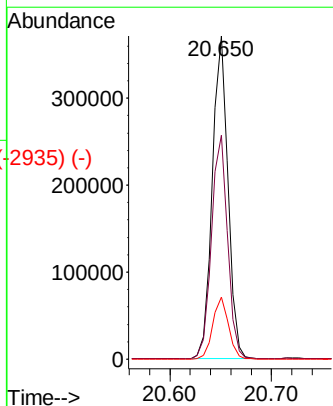
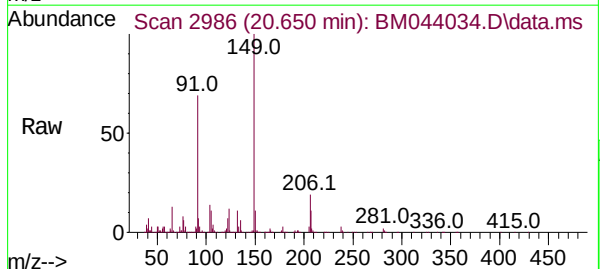
Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.2
122	11.6	9.5	14.3

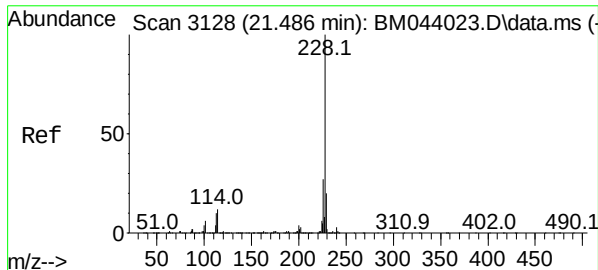


Butylbenzylphthalate
 Concen: 5.924 ng
 RT: 20.650 min Scan# 2986
 Delta R.T. -0.000 min
 Lab File: BM044034.D
 Acq: 09 Feb 2024 11:53

Tgt Ion:149 Resp: 396816

Ion	Ratio	Lower	Upper
149	100		
91	69.3	56.8	85.2
206	19.1	15.0	22.6

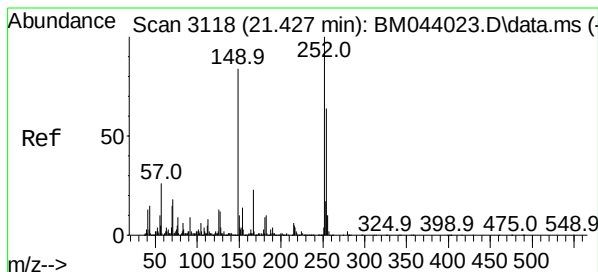
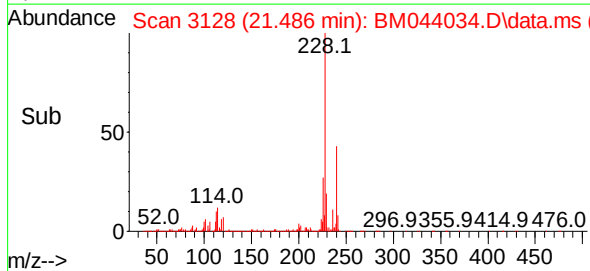
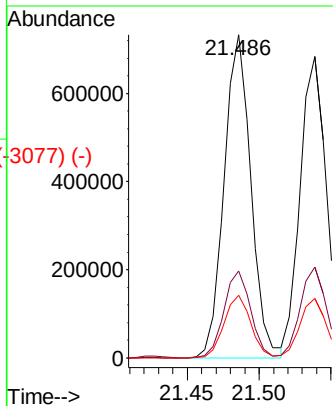
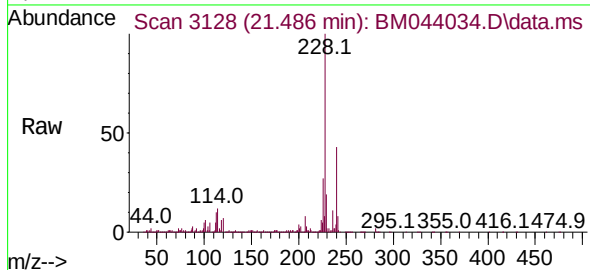




Benzo(a)anthracene
Concen: 6.989 ng
RT: 21.486 min Scan# 3128
Delta R.T. -0.000 min
Lab File: BM044034.D
Acq: 09 Feb 2024 11:53

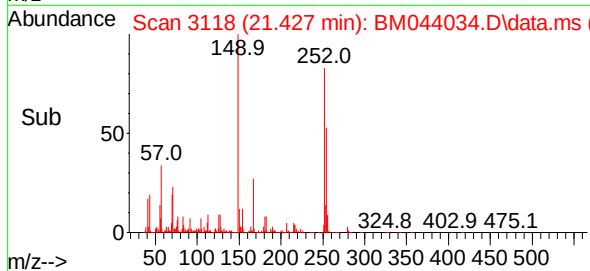
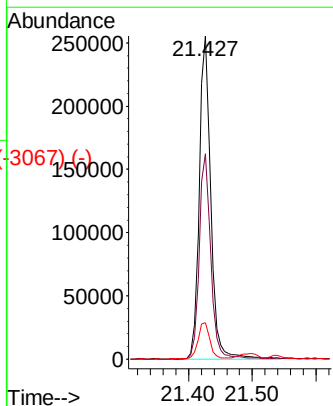
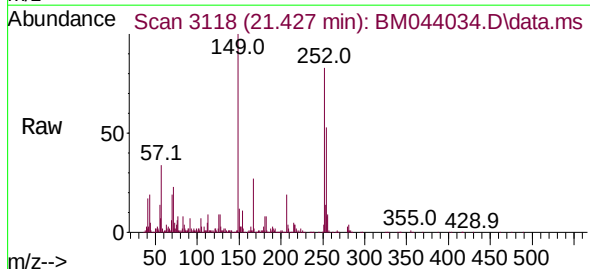
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2023

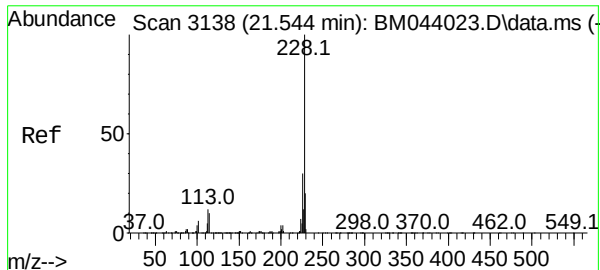
Tgt Ion:228 Resp: 951170
Ion Ratio Lower Upper
228 100
226 27.0 21.4 32.2
229 19.5 15.9 23.9



3,3'-Dichlorobenzidine
Concen: 7.198 ng
RT: 21.427 min Scan# 3118
Delta R.T. -0.000 min
Lab File: BM044034.D
Acq: 09 Feb 2024 11:53

Tgt Ion:252 Resp: 321417
Ion Ratio Lower Upper
252 100
254 63.5 51.2 76.8
126 11.4 10.2 15.4

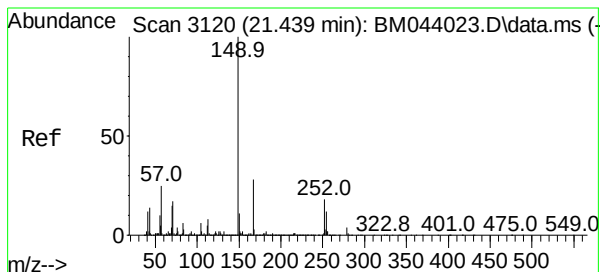
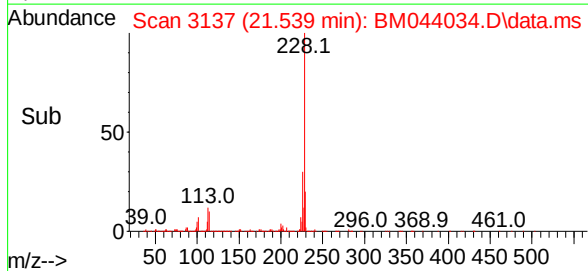
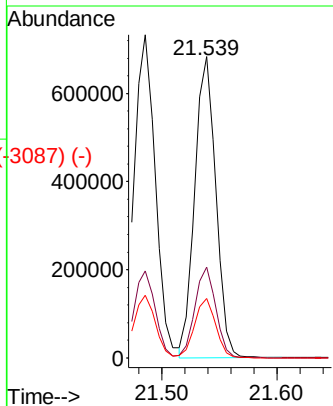
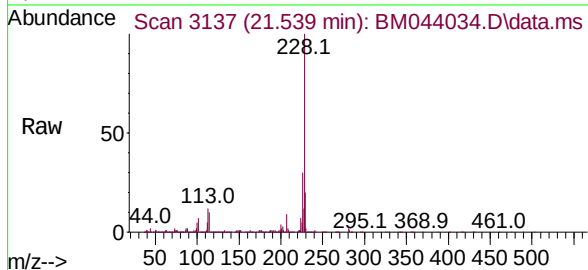




Chrysene
Concen: 6.749 ng
RT: 21.539 min Scan# 3138
Delta R.T. -0.006 min
Lab File: BM044034.D
Acq: 09 Feb 2024 11:53

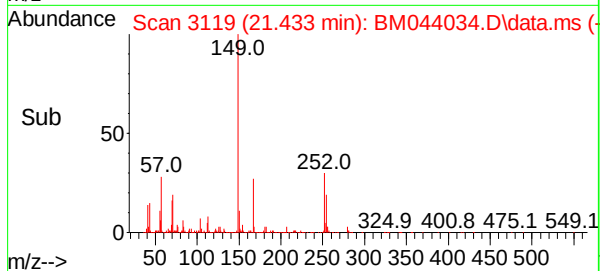
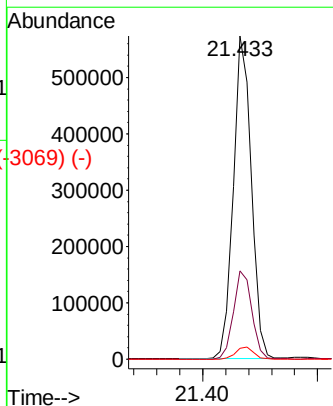
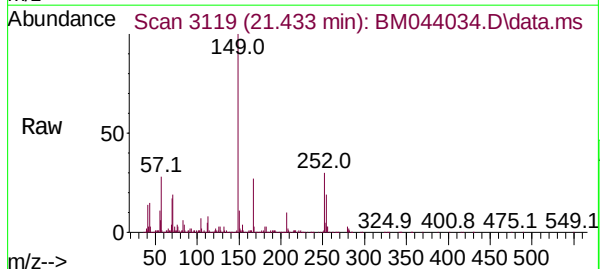
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2023

Tgt Ion:	228	Resp:	867791
Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.2	36.2
229	19.8	15.8	23.8

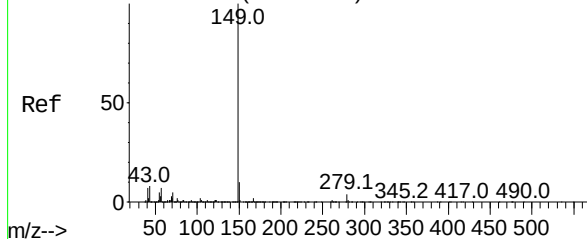


Bis(2-ethylhexyl)phthalate
Concen: 6.249 ng
RT: 21.433 min Scan# 3119
Delta R.T. -0.006 min
Lab File: BM044034.D
Acq: 09 Feb 2024 11:53

Tgt Ion:	149	Resp:	617554
Ion	Ratio	Lower	Upper
149	100		
167	27.3	22.6	33.8
279	3.3	3.1	4.7



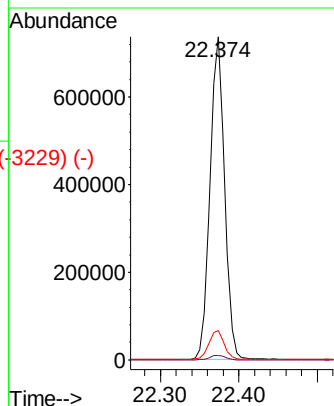
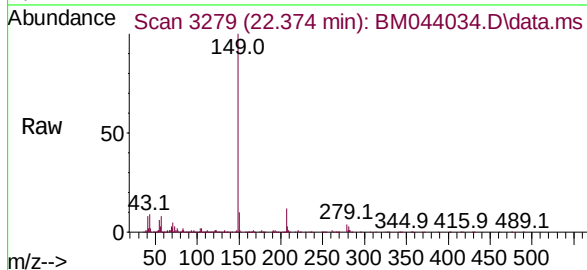
Abundance Scan 3280 (22.380 min): BM044023.D\data.ms (-3285) (-)



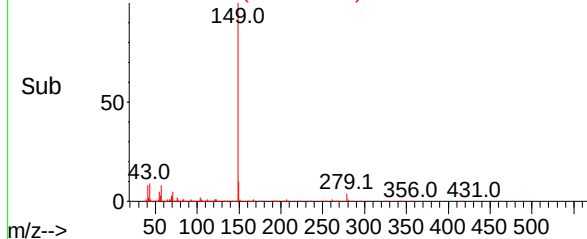
Di-n-octyl phthalate
Concen: 5.474 ng
RT: 22.374 min Scan# 3285
Delta R.T. -0.006 min
Lab File: BM044034.D
Acq: 09 Feb 2024 11:53

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2023

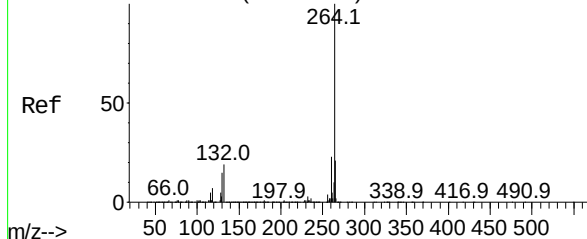
Tgt Ion:	149	Resp:	944865
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	9.5	7.0	10.4



Abundance Scan 3279 (22.374 min): BM044034.D\data.ms (-3229) (-)

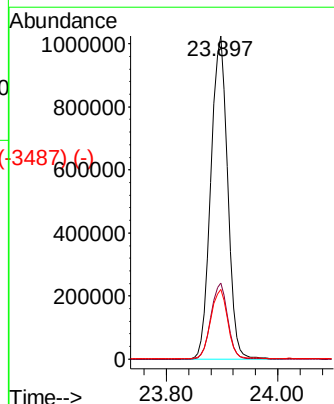
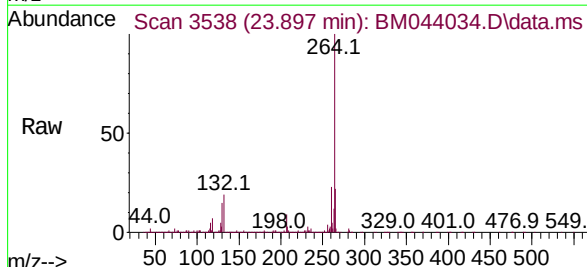


Abundance Scan 3538 (23.897 min): BM044023.D\data.ms (-3536) (-)

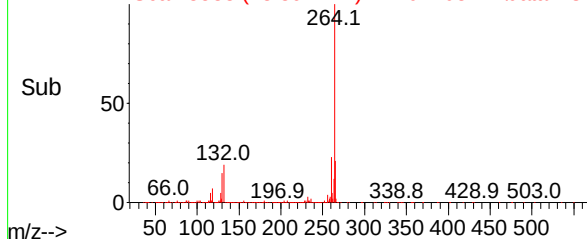


Perylene-d12
Concen: 20.000 ng
RT: 23.897 min Scan# 3538
Delta R.T. -0.000 min
Lab File: BM044034.D
Acq: 09 Feb 2024 11:53

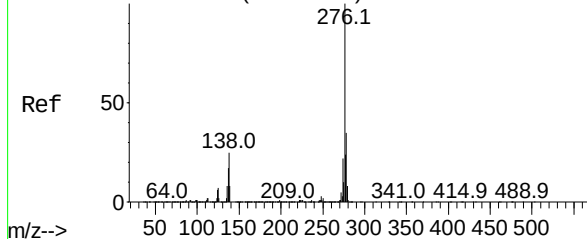
Tgt Ion:	264	Resp:	2131650
Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.8	28.2
265	21.6	17.3	25.9



Abundance Scan 3538 (23.897 min): BM044034.D\data.ms (-3487) (-)



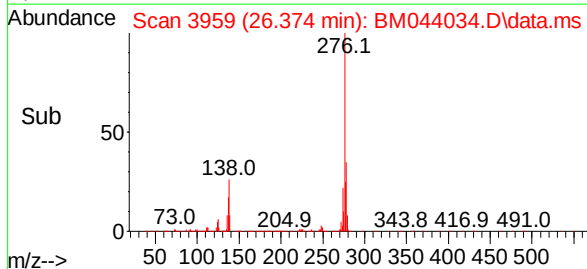
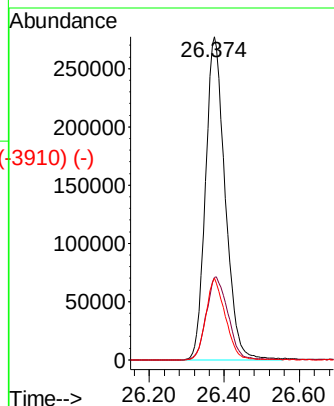
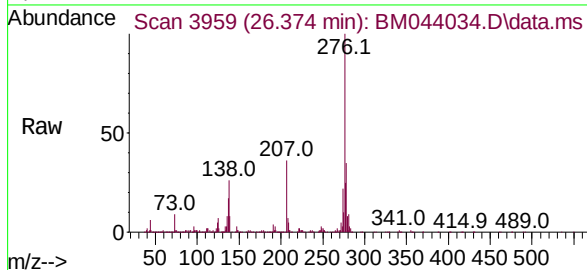
Abundance Scan 3961 (26.385 min): BM044023.D\data.ms (-3961) (-)



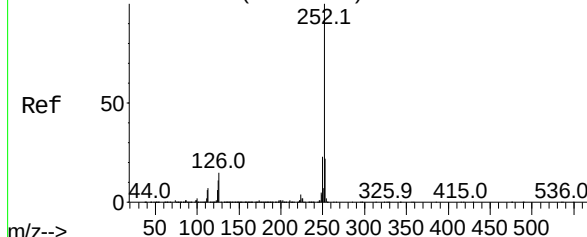
Indeno(1,2,3-cd)pyrene
Concen: 6.674 ng
RT: 26.374 min Scan# 3959
Delta R.T. -0.012 min
Lab File: BM044034.D
Acq: 09 Feb 2024 11:53

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2023

Tgt Ion:	276	Resp:	1006983
Ion	Ratio	Lower	Upper
276	100		
138	28.5	22.6	34.0
277	25.2	20.2	30.2

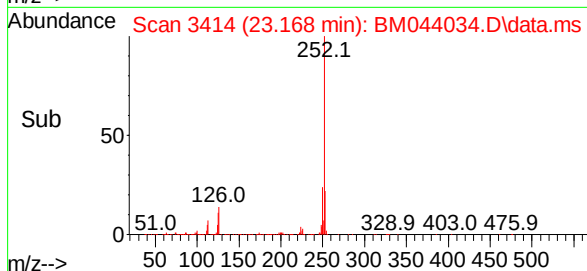
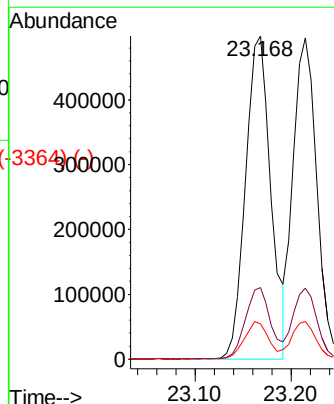
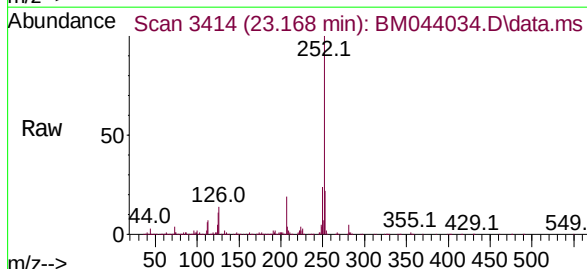


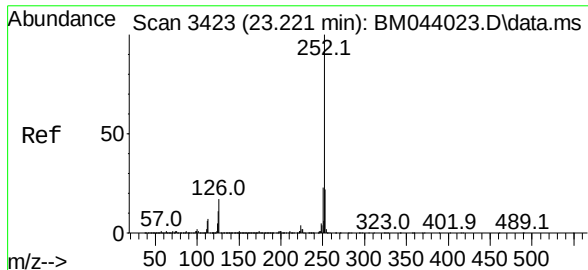
Abundance Scan 3415 (23.174 min): BM044023.D\data.ms (-3415) (-)



Benzo(b)fluoranthene
Concen: 6.865 ng
RT: 23.168 min Scan# 3414
Delta R.T. -0.006 min
Lab File: BM044034.D
Acq: 09 Feb 2024 11:53

Tgt Ion:	252	Resp:	914828
Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.6	26.4
125	10.8	8.8	13.2

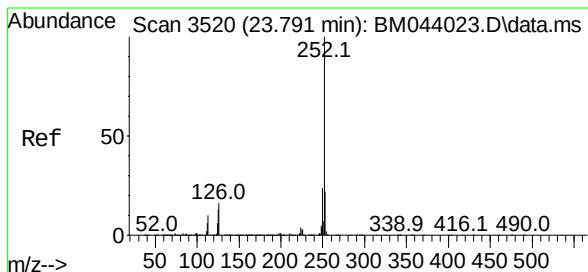
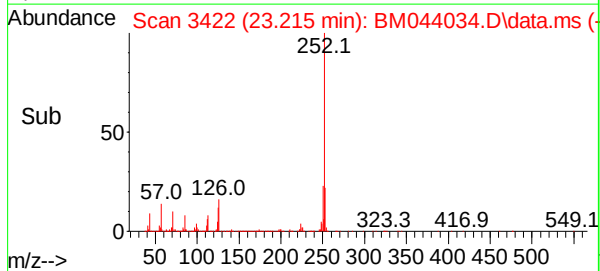
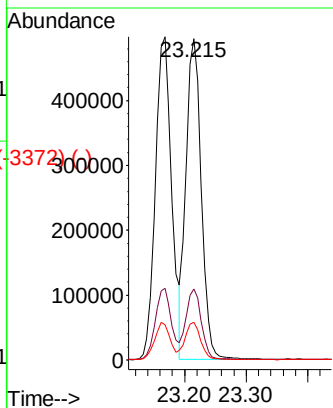
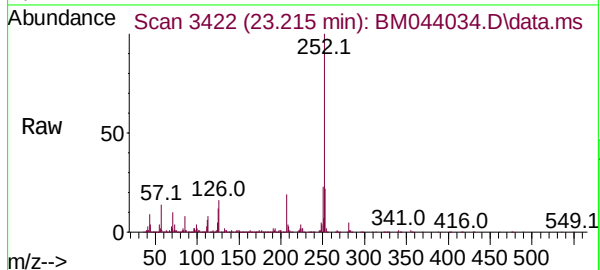




Benzo(k)fluoranthene
Concen: 6.728 ng
RT: 23.215 min Scan# 3423
Delta R.T. -0.006 min
Lab File: BM044034.D
Acq: 09 Feb 2024 11:53

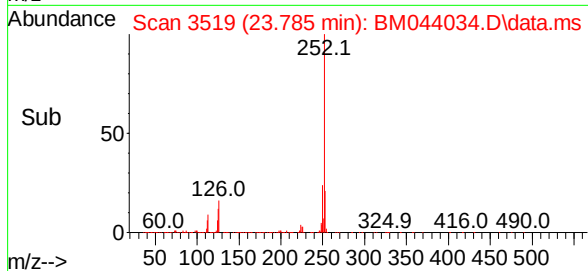
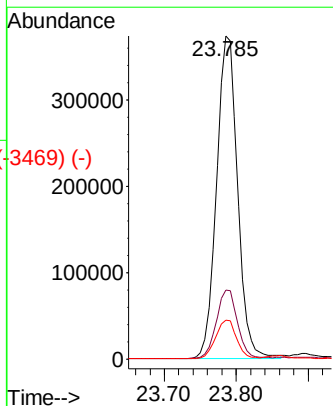
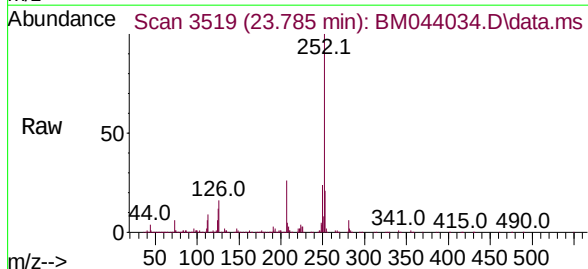
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2023

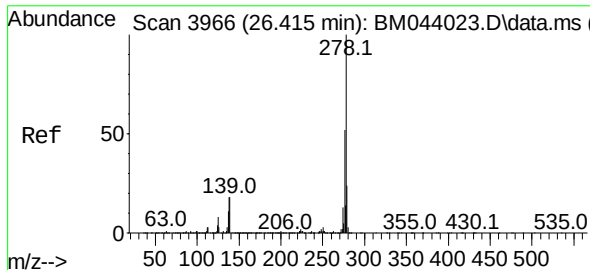
Tgt Ion:	252	Resp:	851895
Ion Ratio	Lower	Upper	
252	100		
253	22.0	17.7	26.5
125	11.8	9.0	13.4



Benzo(a)pyrene
Concen: 6.532 ng
RT: 23.785 min Scan# 3519
Delta R.T. -0.006 min
Lab File: BM044034.D
Acq: 09 Feb 2024 11:53

Tgt Ion:	252	Resp:	760303
Ion Ratio	Lower	Upper	
252	100		
253	21.5	17.7	26.5
125	12.0	10.1	15.1

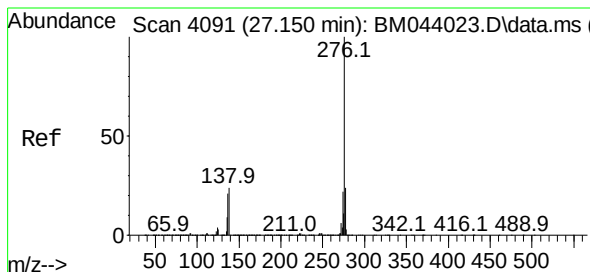
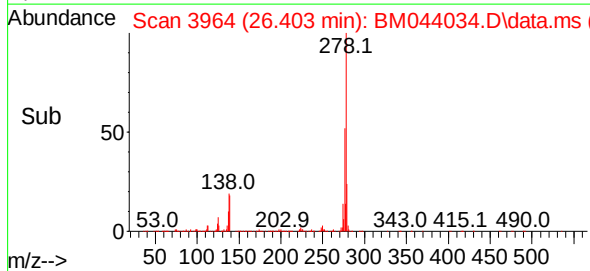
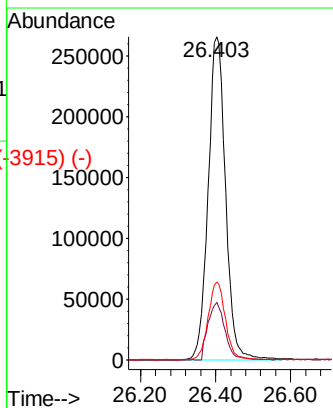
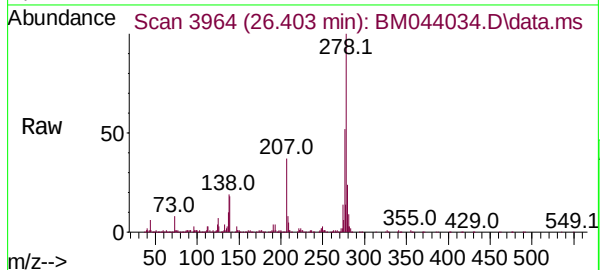




Dibenzo(a,h)anthracene
Concen: 6.774 ng
RT: 26.403 min Scan# 4091
Delta R.T. -0.012 min
Lab File: BM044034.D
Acq: 09 Feb 2024 11:53

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2023

Tgt Ion:	278	Resp:	854858
Ion	Ratio	Lower	Upper
278	100		
139	17.8	14.5	21.7
279	24.2	18.9	28.3



Benzo(g,h,i)perylene
Concen: 6.346 ng
RT: 27.132 min Scan# 4088
Delta R.T. -0.018 min
Lab File: BM044034.D
Acq: 09 Feb 2024 11:53

Tgt Ion:	276	Resp:	812249
Ion	Ratio	Lower	Upper
276	100		
277	24.1	19.0	28.4
138	24.2	19.1	28.7

