

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022223\
 Data File : BP013871.D
 Acq On : 22 Feb 2023 11:16
 Operator : CG/JU
 Sample : 01378-04
 Misc : SFAM-MDL-SOIL-02
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MDL-SOIL-QT1-2023-02

Quant Time: Feb 23 03:15:39 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP020723.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Feb 22 01:41:33 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.104	152	192205	20.000	ng/u1	0.00
20) Naphthalene-d8	10.928	136	818260	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.739	164	585522	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.492	188	1415393	20.000	ng/u1	0.00
79) Chrysene-d12	21.569	240	1463687	20.000	ng/u1	0.00
88) Perylene-d12	24.121	264	1479619	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.452	96	17090	3.685	ng/uL	0.00
4) Pyridine-d5	3.887	84	150399	10.940	ng/u1	0.00
7) Phenol-d5	7.252	99	296831	17.333	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.422	67	176033	17.542	ng/u1	0.00
11) 2-Chlorophenol-d4	7.628	132	231921	18.397	ng/u1	0.00
15) 4-Methylphenol-d8	8.810	113	242498	17.325	ng/u1	0.00
21) Nitrobenzene-d5	9.275	128	115868	20.352	ng/u1	0.00
24) 2-Nitrophenol-d4	10.004	143	133811	20.356	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.540	165	250865	18.727	ng/u1	0.00
31) 4-Chloroaniline-d4	11.063	131	334600	17.621	ng/u1	0.00
46) Dimethylphthalate-d6	14.139	166	839146	18.196	ng/u1	0.00
49) Acenaphthylene-d8	14.434	160	923446	18.498	ng/u1	0.00
54) 4-Nitrophenol-d4	14.922	143	138937	16.911	ng/u1	0.00
60) Fluorene-d10	15.734	176	739318	18.821	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.845	200	150460	17.327	ng/u1	0.00
73) Anthracene-d10	17.592	188	1159904	17.922	ng/u1	0.00
81) Pyrene-d10	19.810	212	1471608	17.729	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.951	264	1401547	18.904	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.493	88	6087	1.223	ng/uL#	95
5) Pyridine	3.911	79	59847	4.405	ng/u1	89
6) Benzaldehyde	7.234	77	37145	4.810	ng/u1	95
8) Phenol	7.275	94	71789	4.084	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.516	93	57681	4.095	ng/u1	95
12) 2-Chlorophenol	7.663	128	54876	4.242	ng/u1	97
13) 2-Methylphenol	8.546	108	51105	3.809	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.640	45	63245	3.947	ng/u1	93
16) Acetophenone	8.934	105	93095	4.147	ng/u1	95
17) N-Nitroso-di-n-propyla...	8.910	70	44914	4.029	ng/u1	98
18) 4-Methylphenol	8.875	108	57982	3.914	ng/u1	92
19) Hexachloroethane	9.193	117	22993	4.341	ng/u1	99
22) Nitrobenzene	9.316	77	67449	4.503	ng/u1	98
23) Isophorone	9.846	82	130162	4.119	ng/u1	98
25) 2-Nitrophenol	10.034	139	32191	4.518	ng/u1	95
26) 2,4-Dimethylphenol	10.087	107	58724	3.702	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.328	93	77211	4.046	ng/u1	98
29) 2,4-Dichlorophenol	10.569	162	59292	4.496	ng/u1	100
30) Naphthalene	10.981	128	187250	4.299	ng/u1	99
32) 4-Chloroaniline	11.087	127	76968	4.021	ng/u1	98
33) Hexachlorobutadiene	11.263	225	46342	4.988	ng/u1	98
34) Caprolactam	11.875	113	20755	4.485	ng/u1	92
35) 4-Chloro-3-methylphenol	12.198	107	64769	4.254	ng/u1	99
36) 2-Methylnaphthalene	12.575	142	133995	4.375	ng/u1	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022223\
 Data File : BP013871.D
 Acq On : 22 Feb 2023 11:16
 Operator : CG/JU
 Sample : 01378-04
 Misc : SFAM-MDL-SOIL-02
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MDL-SOIL-QT1-2023-02

Quant Time: Feb 23 03:15:39 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP020723.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Feb 22 01:41:33 2023
 Response via : Initial Calibration

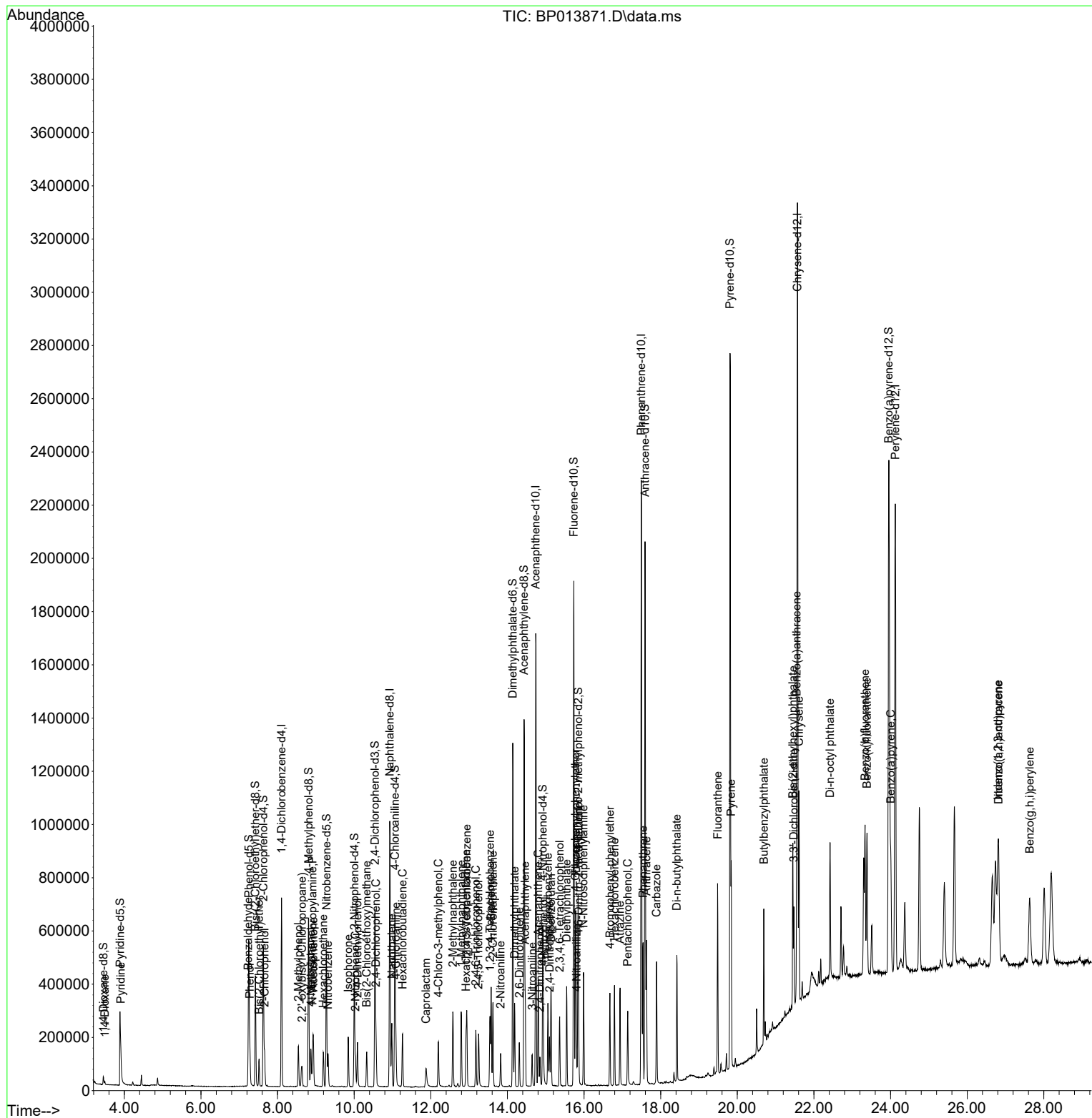
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.792	142	125754	3.974	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.940	216	87117	4.721	ng/ul	98
40) Hexachlorocyclopentadiene	12.916	237	47145	3.979	ng/ul	98
41) 2,4,6-Trichlorophenol	13.175	196	52538	4.339	ng/ul	97
42) 2,4,5-Trichlorophenol	13.245	196	54617	4.167	ng/ul	99
43) 1,1'-Biphenyl	13.575	154	190765	4.342	ng/ul	100
44) 2-Chloronaphthalene	13.622	162	150516	4.355	ng/ul	99
45) 2-Nitroaniline	13.822	65	32948	3.958	ng/ul	93
47) Dimethylphthalate	14.187	163	194173	4.245	ng/ul	99
48) 2,6-Dinitrotoluene	14.310	165	32205	4.030	ng/ul	94
50) Acenaphthylene	14.463	152	227062	4.216	ng/ul	99
51) 3-Nitroaniline	14.645	138	29537	3.738	ng/ul	99
52) Acenaphthene	14.804	153	161914	4.296	ng/ul	96
53) 2,4-Dinitrophenol	14.845	184	26302	4.615	ng/ul	97
55) 4-Nitrophenol	14.939	109	29520	4.095	ng/ul	97
56) Dibenzofuran	15.139	168	238939	4.421	ng/ul	99
57) 2,4-Dinitrotoluene	15.098	165	51910	4.357	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.363	232	53874	4.361	ng/ul	98
59) Diethylphthalate	15.545	149	198300	4.317	ng/ul	99
61) Fluorene	15.786	166	196254	4.451	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.775	204	105763	4.614	ng/ul	97
63) 4-Nitroaniline	15.804	138	31870	4.260	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.857	198	42057	4.940	ng/ul#	84
67) N-Nitrosodiphenylamine	15.986	169	165382	4.299	ng/ul	100
68) 4-Bromophenyl-phenylether	16.675	248	68943	4.612	ng/ul	97
69) Hexachlorobenzene	16.792	284	80797	4.639	ng/ul	96
70) Atrazine	16.939	200	71276	4.633	ng/ul	98
71) Pentachlorophenol	17.139	266	52170	4.603	ng/ul	98
72) Phenanthrene	17.539	178	322425	4.305	ng/ul	99
74) Anthracene	17.628	178	318695	4.229	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.545	216	79620	4.214	ng/uL	98
76) Pentachlorobenzene	15.057	250	79947	4.100	ng/uL	98
77) Carbazole	17.892	167	282757	4.260	ng/ul	99
78) Di-n-butylphthalate	18.422	149	331115	4.113	ng/ul	99
80) Fluoranthene	19.486	202	399602	4.205	ng/ul	99
82) Pyrene	19.839	202	423626	4.181	ng/ul	96
83) Butylbenzylphthalate	20.692	149	143196	4.130	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.474	252	111997	3.400	ng/ul	98
85) Benzo(a)anthracene	21.551	228	427463	4.274	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.451	149	230585	4.343	ng/ul#	97
87) Chrysene	21.610	228	408939	4.334	ng/ul	98
89) Di-n-octyl phthalate	22.421	149	376995	3.703	ng/ul	100
90) Benzo(b)fluoranthene	23.333	252	417197	4.228	ng/ul	98
91) Benzo(k)fluoranthene	23.386	252	408554	4.174	ng/ul	98
93) Benzo(a)pyrene	24.004	252	362649	4.337	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.804	276	448701	4.784	ng/ul	96
95) Dibenzo(a,h)anthracene	26.821	278	375050	4.787	ng/ul	98
96) Benzo(g,h,i)perylene	27.633	276	360256	4.824	ng/ul	96

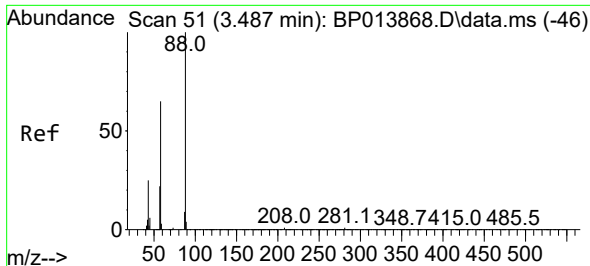
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022223\
 Data File : BP013871.D
 Acq On : 22 Feb 2023 11:16
 Operator : CG/JU
 Sample : 01378-04
 Misc : SFAM-MDL-SOIL-02
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MDL-SOIL-QT1-2023-02

Quant Time: Feb 23 03:15:39 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP020723.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Feb 22 01:41:33 2023
 Response via : Initial Calibration

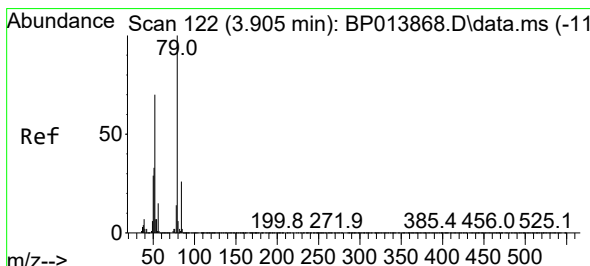
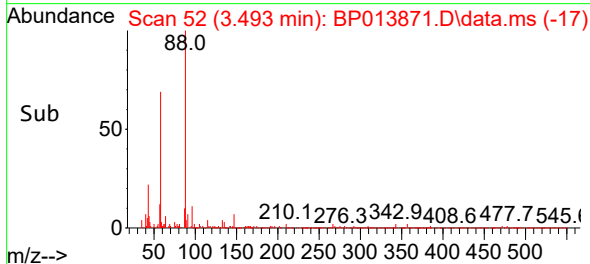
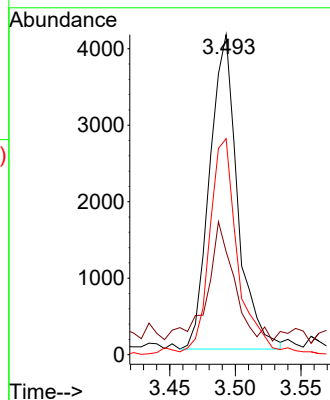
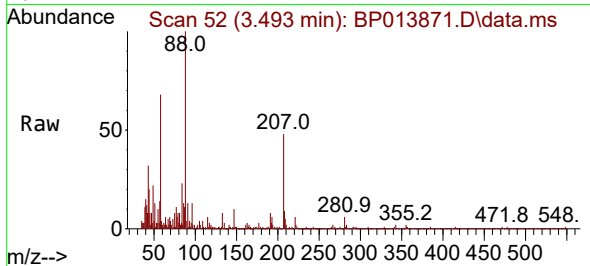




#2
1,4-Dioxane
Concen: 1.223 ng/uL
RT: 3.493 min Scan# 51
Delta R.T. 0.006 min
Lab File: BP013871.D
Acq: 22 Feb 2023 11:16

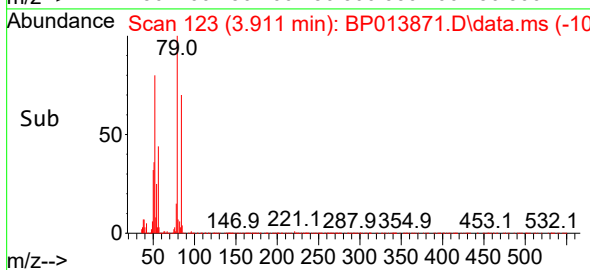
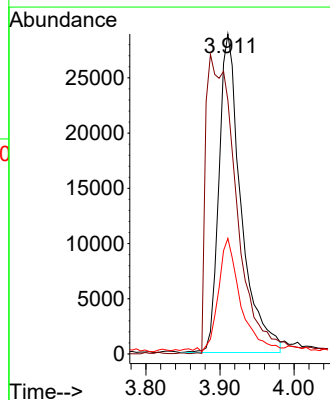
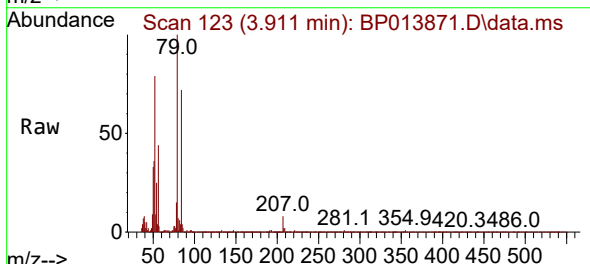
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT1-2023-02

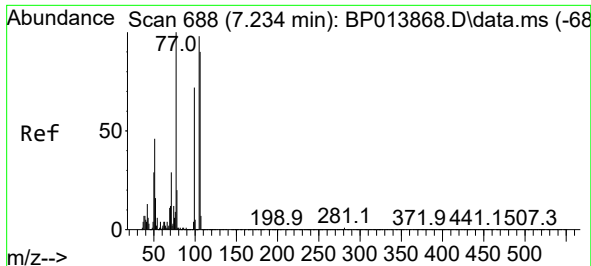
Tgt Ion: 88 Resp: 6087
Ion Ratio Lower Upper
88 100
43 32.2 20.1 30.1#
58 67.5 53.0 79.6



#5
Pyridine
Concen: 4.405 ng/uL
RT: 3.911 min Scan# 123
Delta R.T. 0.006 min
Lab File: BP013871.D
Acq: 22 Feb 2023 11:16

Tgt Ion: 79 Resp: 59847
Ion Ratio Lower Upper
79 100
52 79.3 55.1 82.7
51 36.1 25.7 38.5

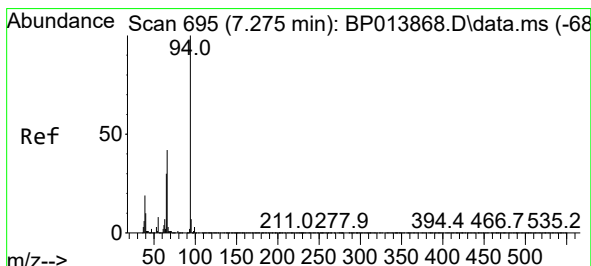
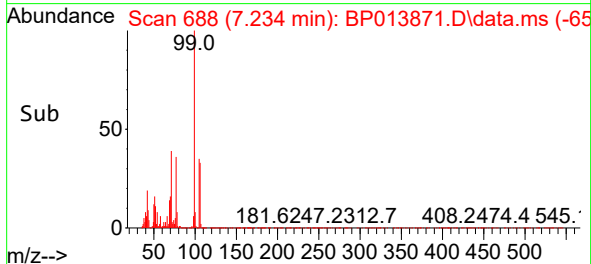
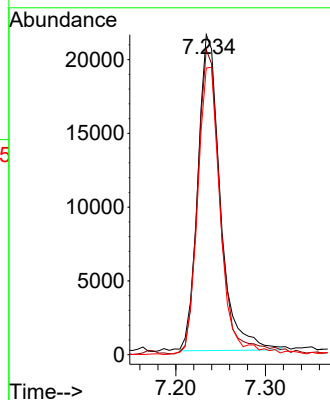
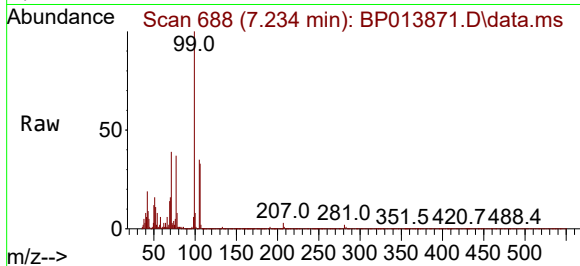




#6
Benzaldehyde
Concen: 4.810 ng/ul
RT: 7.234 min Scan# 611
Delta R.T. -0.000 min
Lab File: BP013871.D
Acq: 22 Feb 2023 11:16

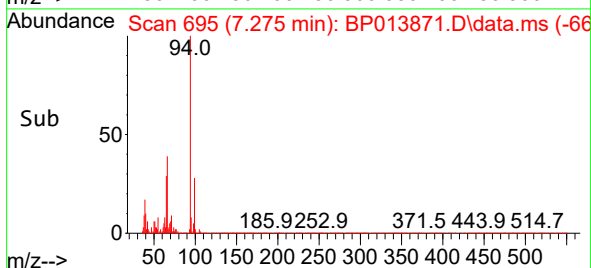
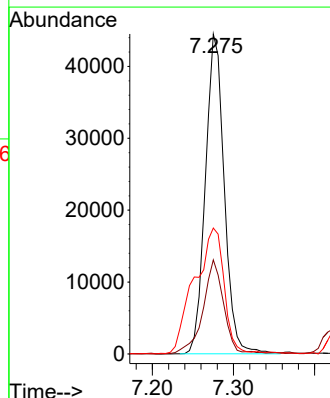
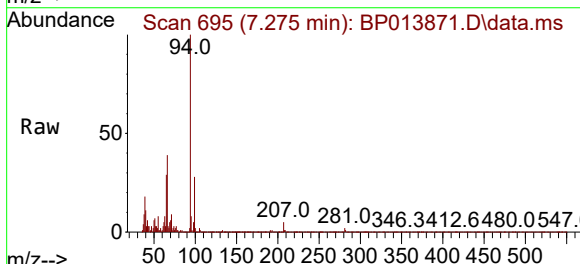
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT1-2023-02

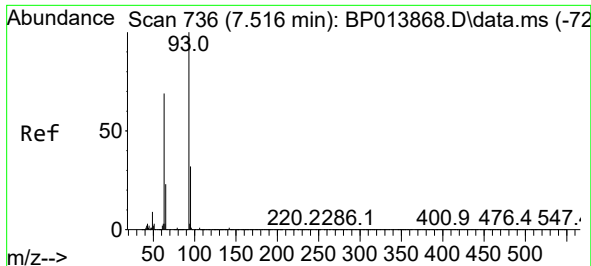
Tgt Ion: 77 Resp: 37145
Ion Ratio Lower Upper
77 100
105 95.3 79.5 119.3
106 89.6 76.5 114.7



#8
Phenol
Concen: 4.084 ng/ul
RT: 7.275 min Scan# 695
Delta R.T. -0.006 min
Lab File: BP013871.D
Acq: 22 Feb 2023 11:16

Tgt Ion: 94 Resp: 71789
Ion Ratio Lower Upper
94 100
65 29.4 22.2 33.4
66 39.4 29.6 44.4

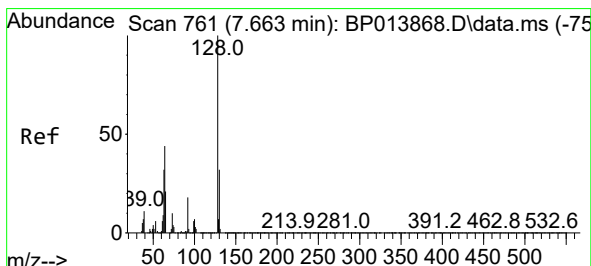
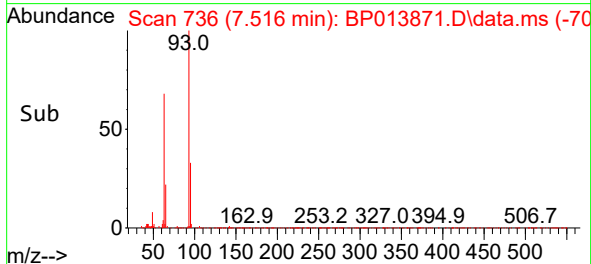
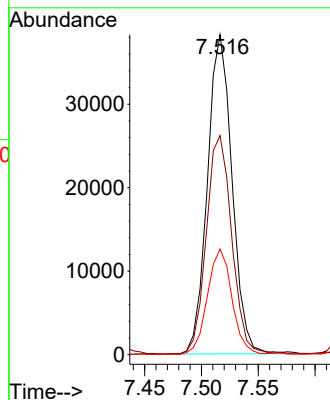
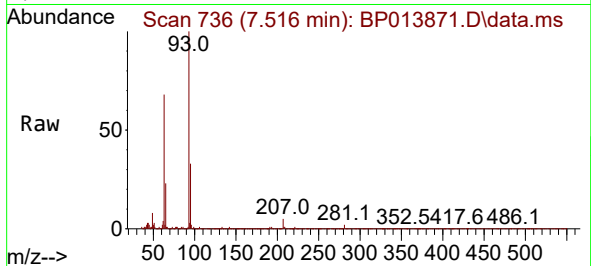




#10
Bis(2-Chloroethyl)ether
Concen: 4.095 ng/ul
RT: 7.516 min Scan# 71
Delta R.T. -0.000 min
Lab File: BP013871.D
Acq: 22 Feb 2023 11:16

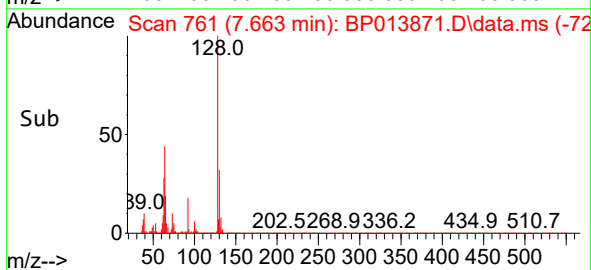
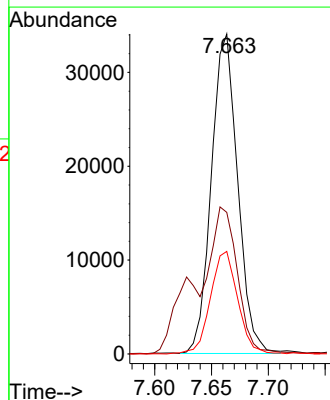
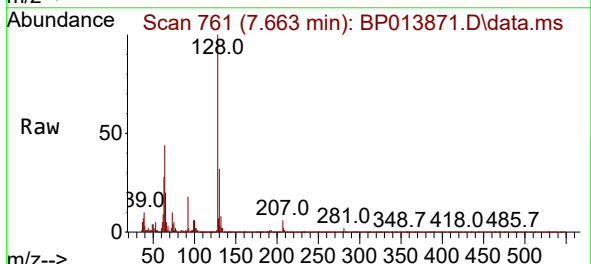
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT1-2023-02

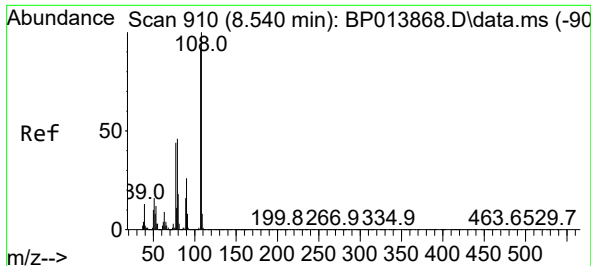
Tgt Ion:	93	Resp:	57681
Ion	Ratio	Lower	Upper
93	100		
63	68.4	59.4	89.0
95	33.0	25.8	38.8



#12
2-Chlorophenol
Concen: 4.242 ng/ul
RT: 7.663 min Scan# 761
Delta R.T. -0.000 min
Lab File: BP013871.D
Acq: 22 Feb 2023 11:16

Tgt Ion:	128	Resp:	54876
Ion	Ratio	Lower	Upper
128	100		
64	44.3	37.3	55.9
130	32.1	26.3	39.5





#13

2-Methylphenol

Concen: 3.809 ng/ul

RT: 8.546 min Scan# 910

Delta R.T. -0.000 min

Lab File: BP013871.D

Acq: 22 Feb 2023 11:16

Instrument :

BNA_P

ClientSampleId :

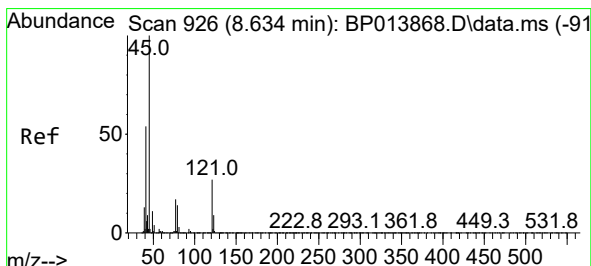
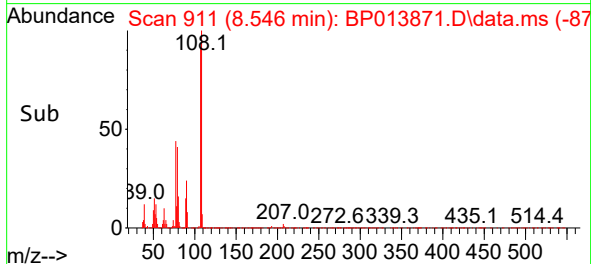
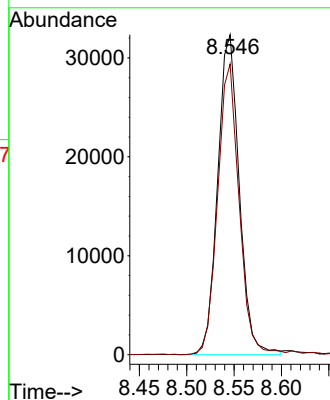
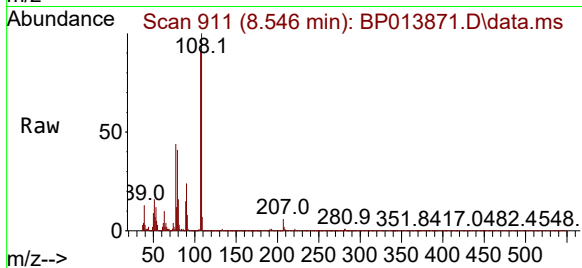
MDL-SOIL-QT1-2023-02

Tgt Ion:108 Resp: 51105

Ion Ratio Lower Upper

108 100

107 90.8 71.9 107.9



#14

2,2'-oxybis(1-Chloropropane)

Concen: 3.947 ng/ul

RT: 8.640 min Scan# 927

Delta R.T. 0.006 min

Lab File: BP013871.D

Acq: 22 Feb 2023 11:16

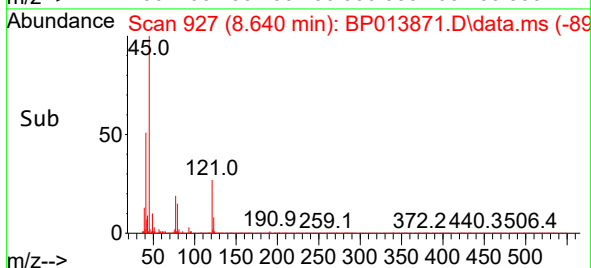
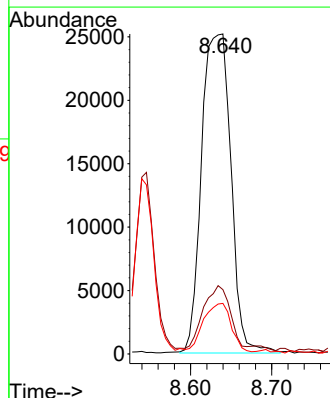
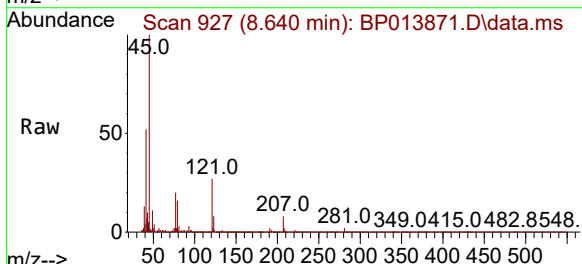
Tgt Ion: 45 Resp: 63245

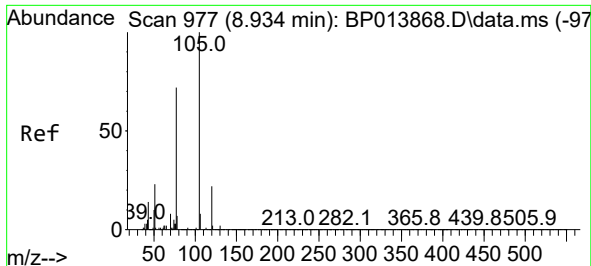
Ion Ratio Lower Upper

45 100

77 20.1 13.4 20.2

79 15.8 11.0 16.4

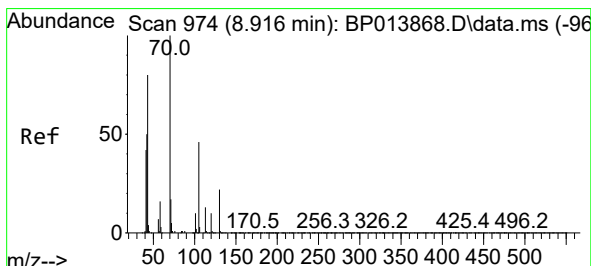
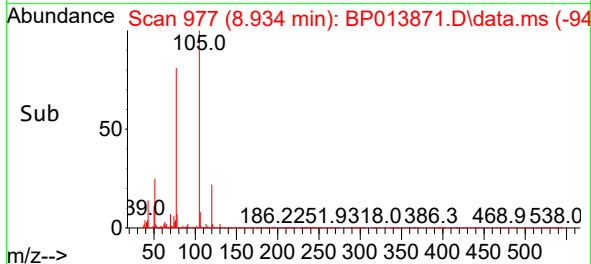
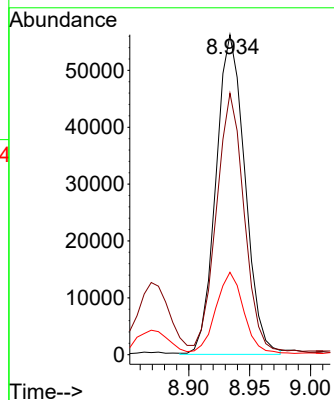
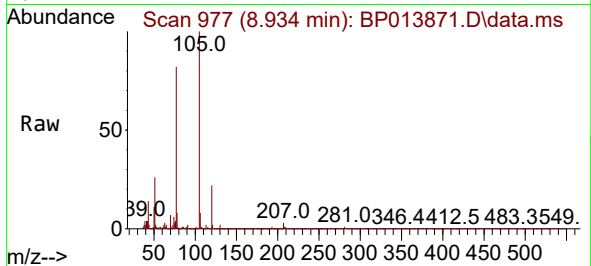




#16
Acetophenone
Concen: 4.147 ng/ul
RT: 8.934 min Scan# 91
Delta R.T. -0.000 min
Lab File: BP013871.D
Acq: 22 Feb 2023 11:16

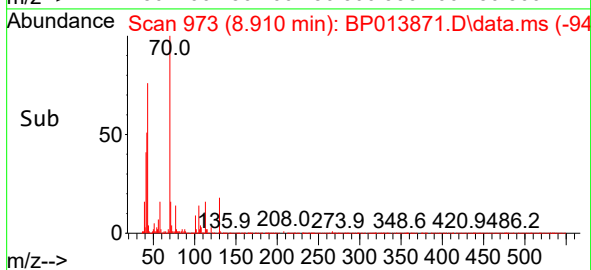
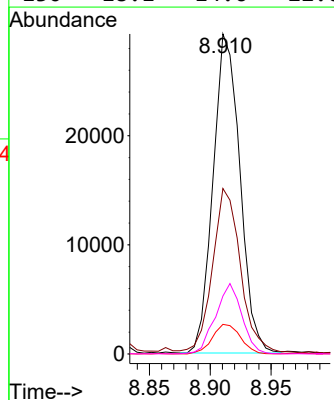
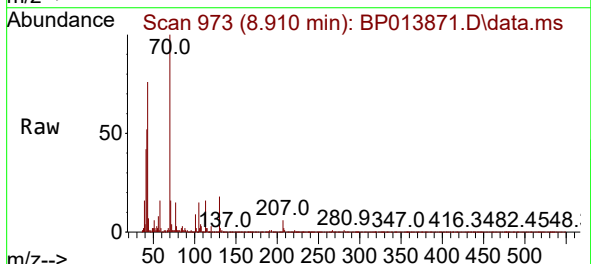
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT1-2023-02

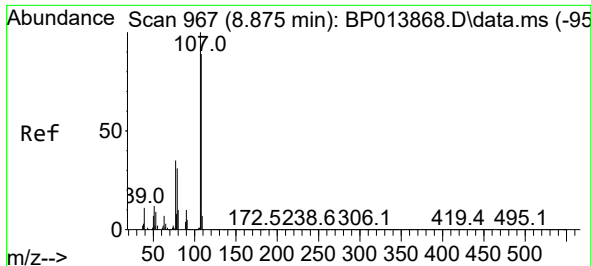
Tgt Ion:105 Resp: 93095
Ion Ratio Lower Upper
105 100
77 81.7 61.0 91.4
51 25.7 19.6 29.4



#17
N-Nitroso-di-n-propylamine
Concen: 4.029 ng/ul
RT: 8.910 min Scan# 973
Delta R.T. -0.006 min
Lab File: BP013871.D
Acq: 22 Feb 2023 11:16

Tgt Ion: 70 Resp: 44914
Ion Ratio Lower Upper
70 100
42 51.7 39.8 59.8
101 9.2 7.4 11.2
130 18.1 14.6 22.0

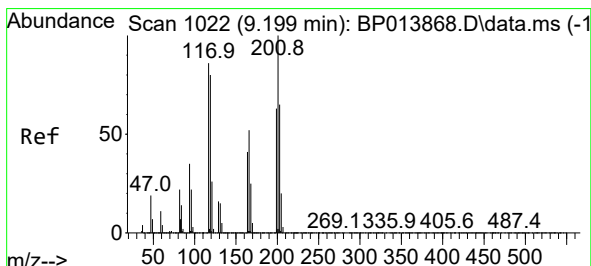
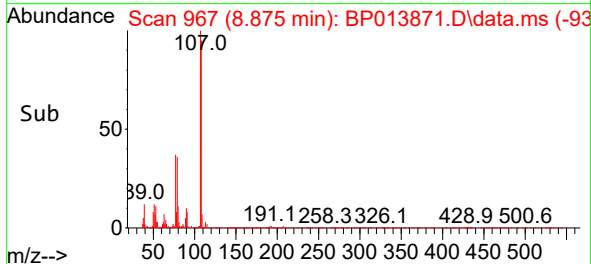
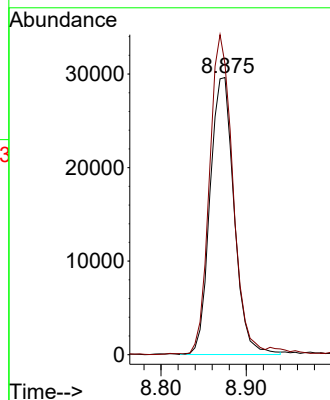
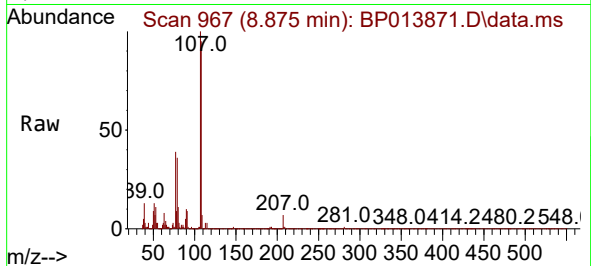




#18
4-Methylphenol
Concen: 3.914 ng/ul
RT: 8.875 min Scan# 90
Delta R.T. -0.000 min
Lab File: BP013871.D
Acq: 22 Feb 2023 11:16

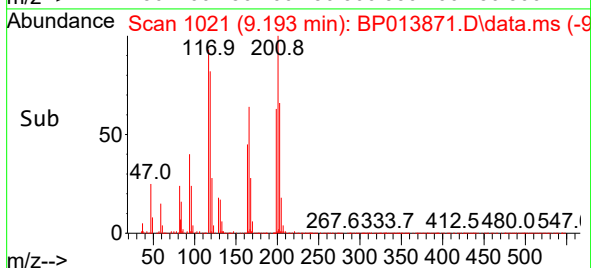
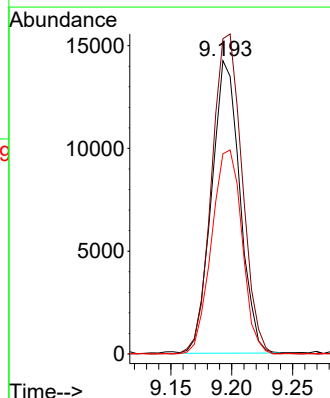
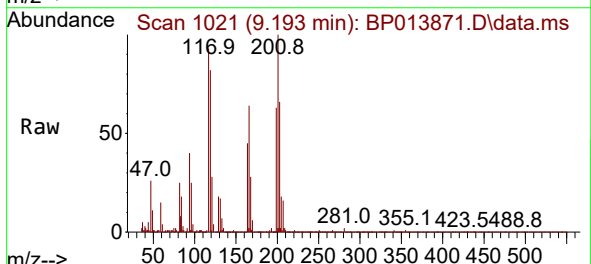
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT1-2023-02

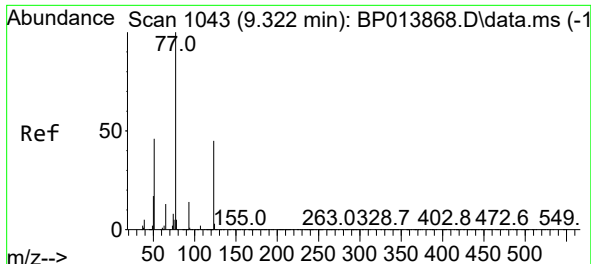
Tgt Ion:108 Resp: 57982
Ion Ratio Lower Upper
108 100
107 104.8 90.9 136.3



#19
Hexachloroethane
Concen: 4.341 ng/ul
RT: 9.193 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BP013871.D
Acq: 22 Feb 2023 11:16

Tgt Ion:117 Resp: 22993
Ion Ratio Lower Upper
117 100
201 110.0 86.6 129.8
199 68.2 55.2 82.8

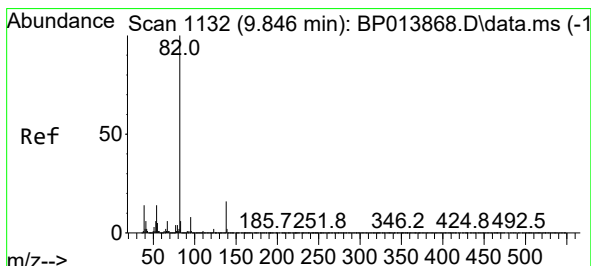
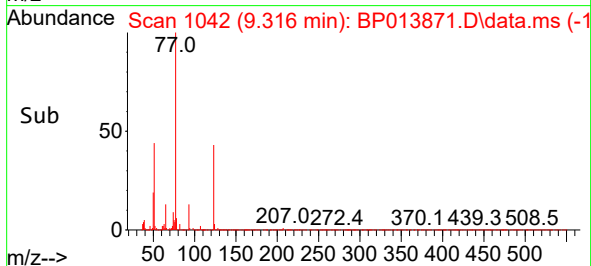
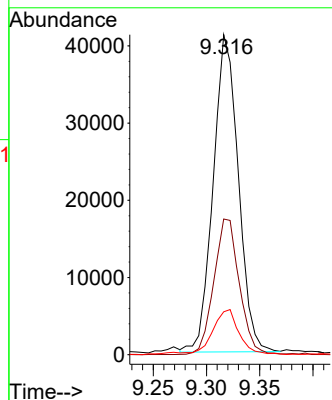
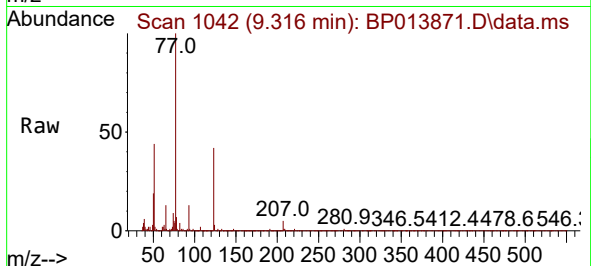




#22
Nitrobenzene
Concen: 4.503 ng/ul
RT: 9.316 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BP013871.D
Acq: 22 Feb 2023 11:16

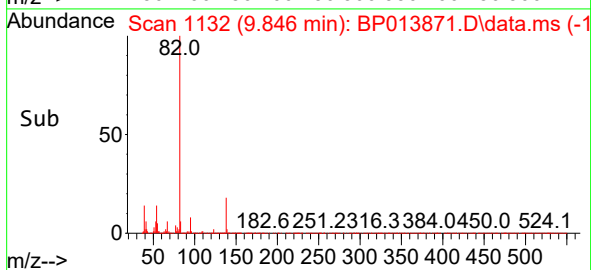
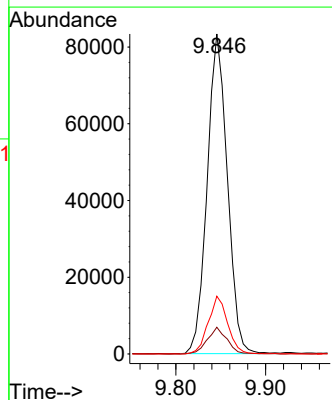
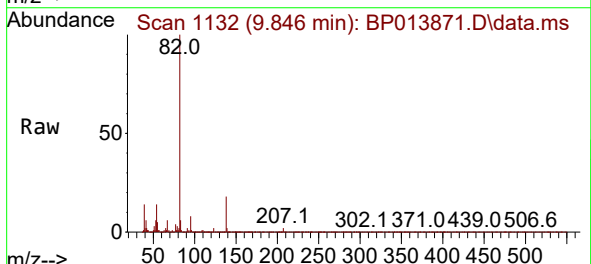
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT1-2023-02

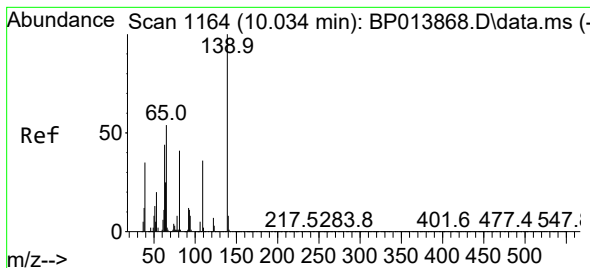
Tgt Ion: 77 Resp: 67449
Ion Ratio Lower Upper
77 100
123 42.4 35.1 52.7
65 13.4 10.6 16.0



#23
Isophorone
Concen: 4.119 ng/ul
RT: 9.846 min Scan# 1132
Delta R.T. -0.006 min
Lab File: BP013871.D
Acq: 22 Feb 2023 11:16

Tgt Ion: 82 Resp: 130162
Ion Ratio Lower Upper
82 100
95 8.3 6.0 9.0
138 18.1 13.7 20.5





#25

2-Nitrophenol

Concen: 4.518 ng/ul

RT: 10.034 min Scan# 1164

Delta R.T. -0.000 min

Lab File: BP013871.D

Acq: 22 Feb 2023 11:16

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-QT1-2023-02

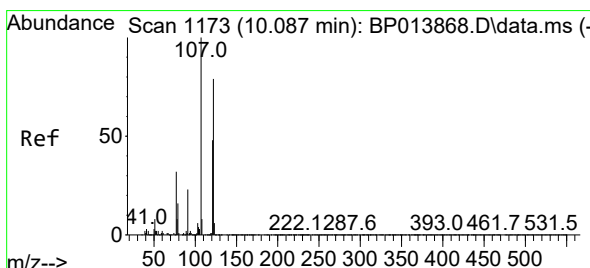
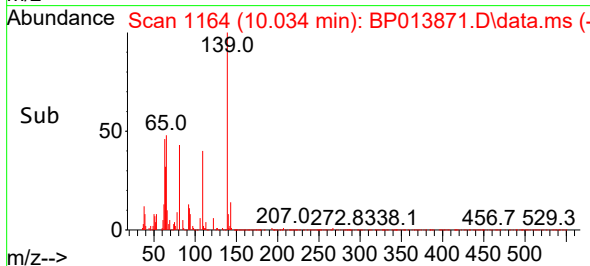
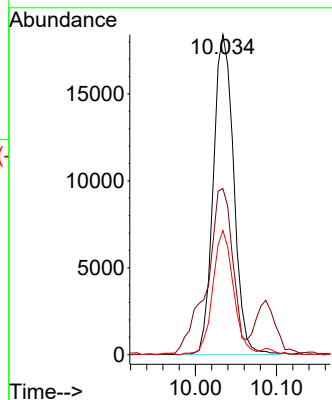
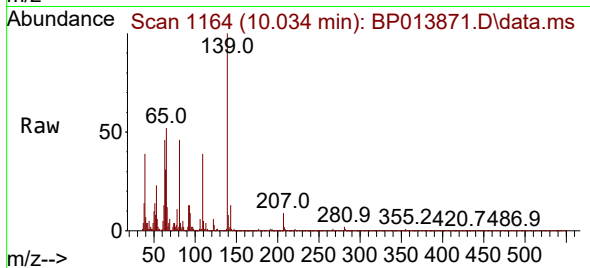
Tgt Ion:139 Resp: 32191

Ion Ratio Lower Upper

139 100

65 51.9 39.9 59.9

109 38.8 27.4 41.0



#26

2,4-Dimethylphenol

Concen: 3.702 ng/ul

RT: 10.087 min Scan# 1173

Delta R.T. -0.000 min

Lab File: BP013871.D

Acq: 22 Feb 2023 11:16

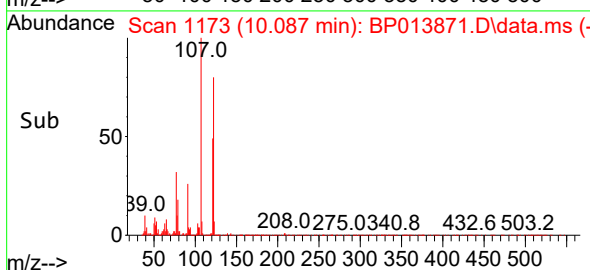
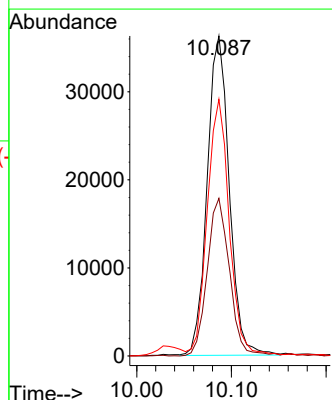
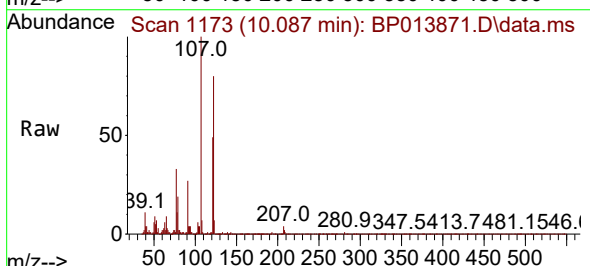
Tgt Ion:107 Resp: 58724

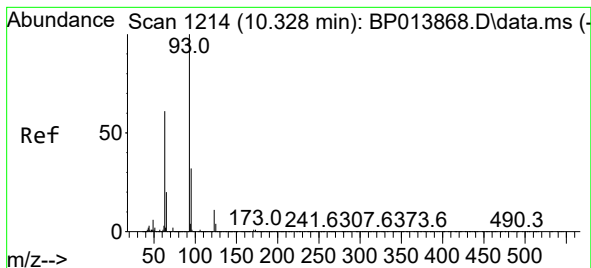
Ion Ratio Lower Upper

107 100

121 49.3 37.8 56.6

122 80.2 63.7 95.5

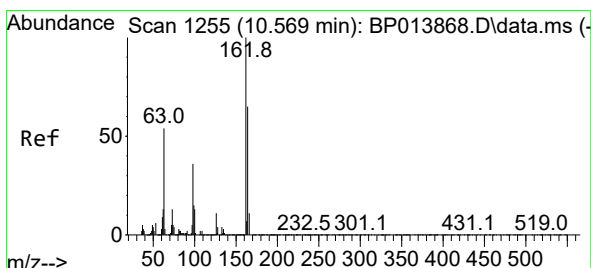
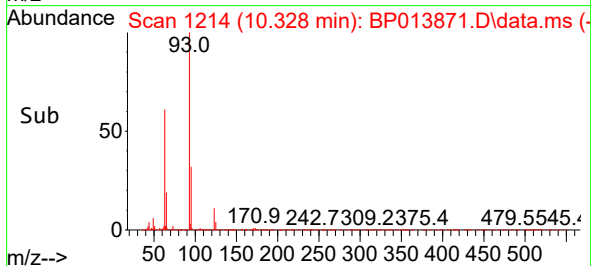
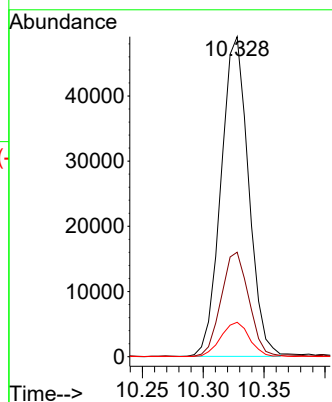
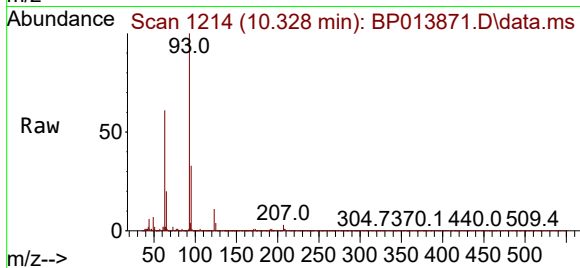




#27
 Bis(2-Chloroethoxy)methane
 Concen: 4.046 ng/ul
 RT: 10.328 min Scan# 1214
 Delta R.T. -0.000 min
 Lab File: BP013871.D
 Acq: 22 Feb 2023 11:16

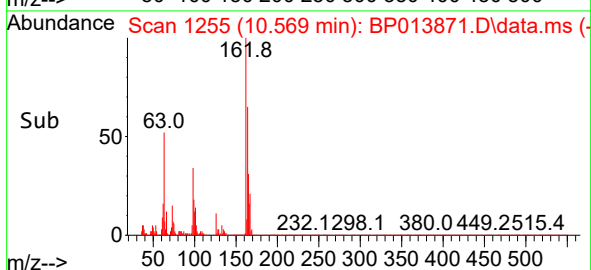
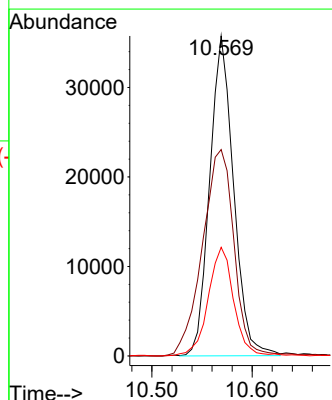
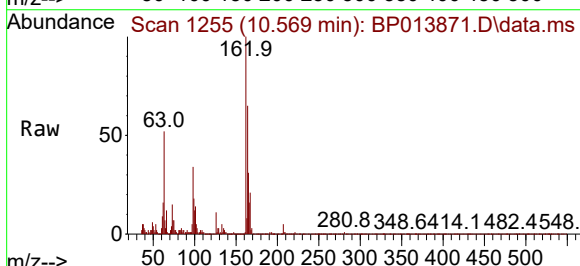
Instrument :
 BNA_P
 ClientSampleId :
 MDL-SOIL-QT1-2023-02

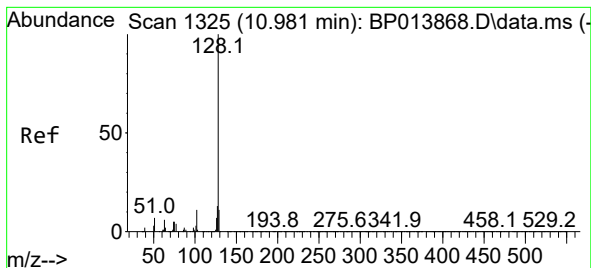
Tgt Ion:	93	Resp:	77211
Ion	Ratio	Lower	Upper
93	100		
95	32.7	25.0	37.6
123	10.7	8.2	12.4



#29
 2,4-Dichlorophenol
 Concen: 4.496 ng/ul
 RT: 10.569 min Scan# 1255
 Delta R.T. -0.006 min
 Lab File: BP013871.D
 Acq: 22 Feb 2023 11:16

Tgt Ion:	162	Resp:	59292
Ion	Ratio	Lower	Upper
162	100		
164	64.5	51.4	77.2
98	34.0	27.5	41.3

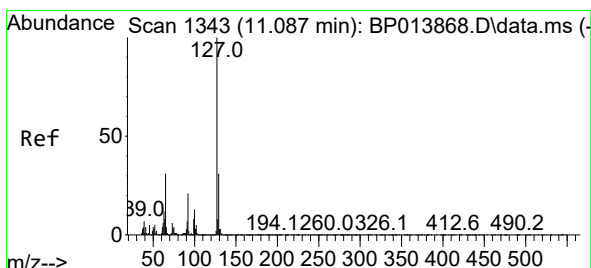
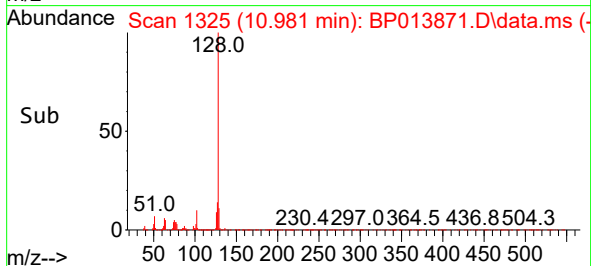
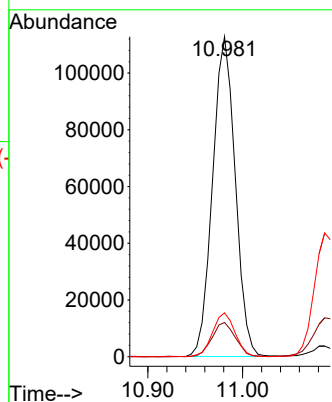
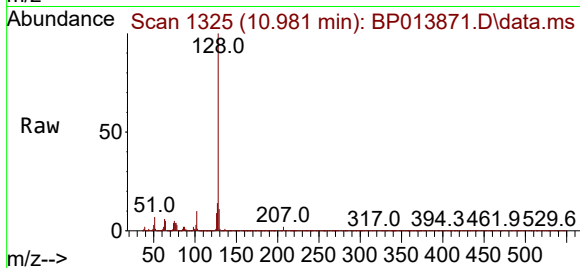




#30
Naphthalene
Concen: 4.299 ng/ul
RT: 10.981 min Scan# 1325
Delta R.T. -0.000 min
Lab File: BP013871.D
Acq: 22 Feb 2023 11:16

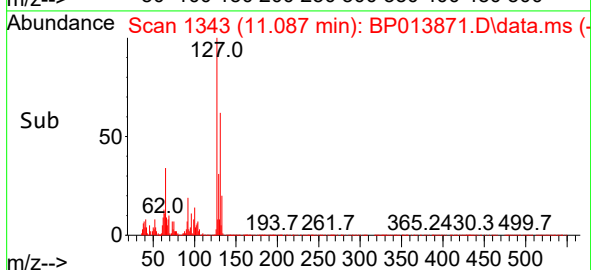
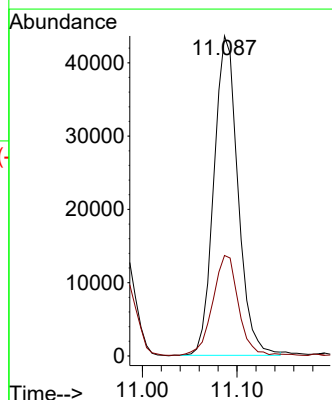
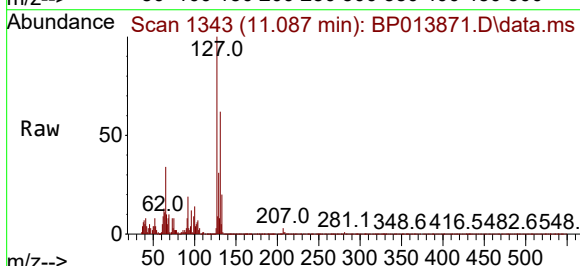
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT1-2023-02

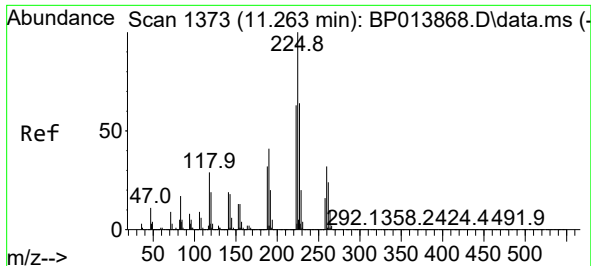
Tgt Ion:128 Resp: 187250
Ion Ratio Lower Upper
128 100
129 10.7 8.6 12.8
127 13.7 10.6 15.8



#32
4-Chloroaniline
Concen: 4.021 ng/ul
RT: 11.087 min Scan# 1343
Delta R.T. -0.000 min
Lab File: BP013871.D
Acq: 22 Feb 2023 11:16

Tgt Ion:127 Resp: 76968
Ion Ratio Lower Upper
127 100
129 31.4 26.2 39.4

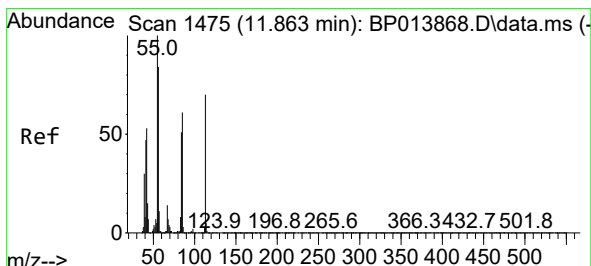
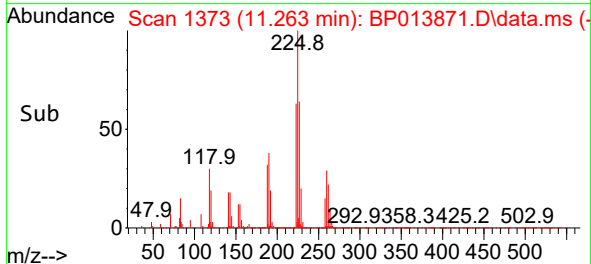
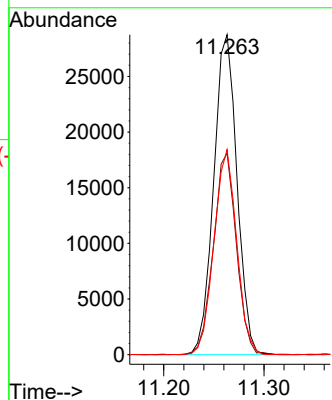
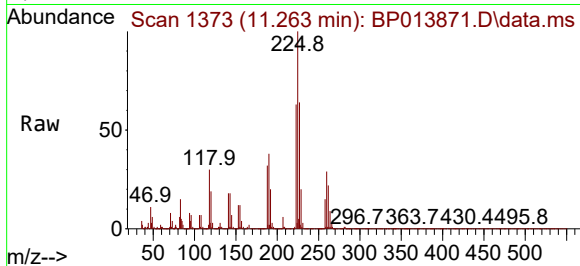




#33
Hexachlorobutadiene
Concen: 4.988 ng/ul
RT: 11.263 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP013871.D
Acq: 22 Feb 2023 11:16

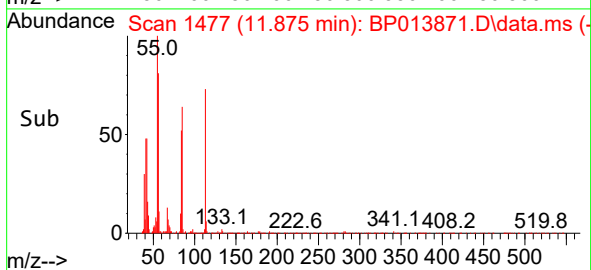
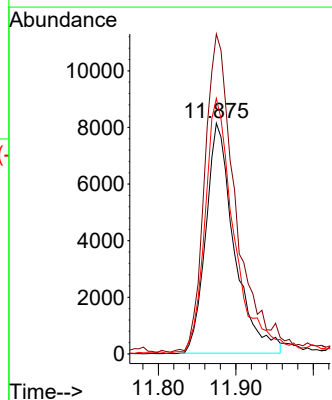
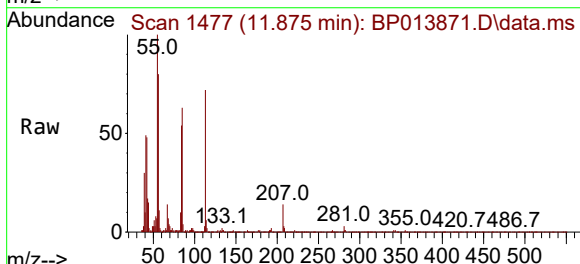
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT1-2023-02

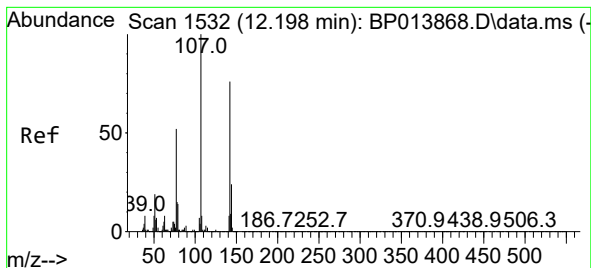
Tgt Ion:225 Resp: 46342
Ion Ratio Lower Upper
225 100
223 62.9 50.6 76.0
227 64.1 49.0 73.4



#34
Caprolactam
Concen: 4.485 ng/ul
RT: 11.875 min Scan# 1477
Delta R.T. 0.012 min
Lab File: BP013871.D
Acq: 22 Feb 2023 11:16

Tgt Ion:113 Resp: 20755
Ion Ratio Lower Upper
113 100
55 138.7 120.9 181.3
56 110.7 93.8 140.8

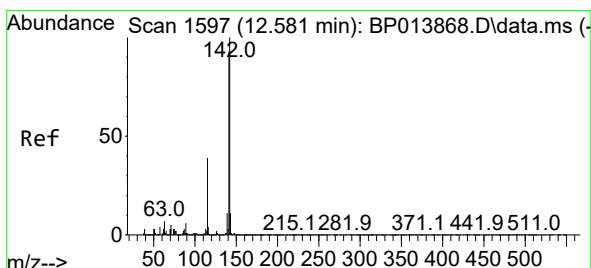
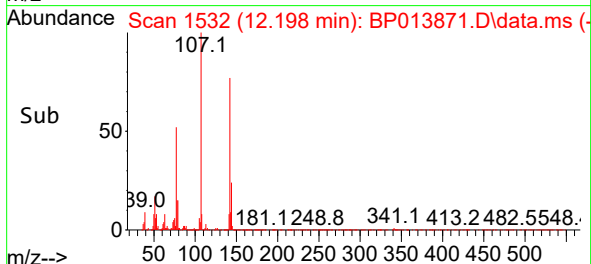
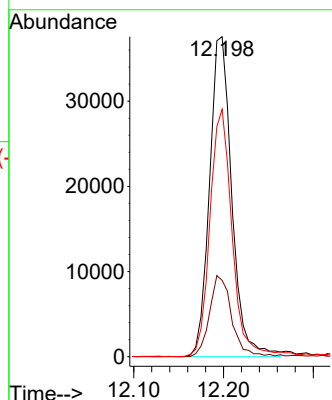
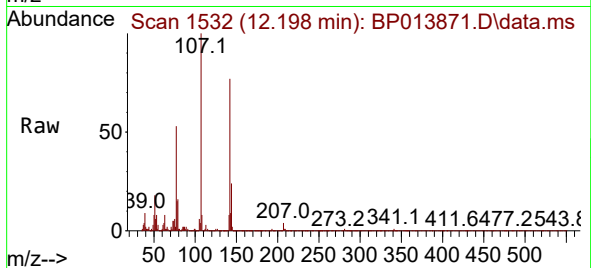




#35
4-Chloro-3-methylphenol
Concen: 4.254 ng/ul
RT: 12.198 min Scan# 1532
Delta R.T. -0.000 min
Lab File: BP013871.D
Acq: 22 Feb 2023 11:16

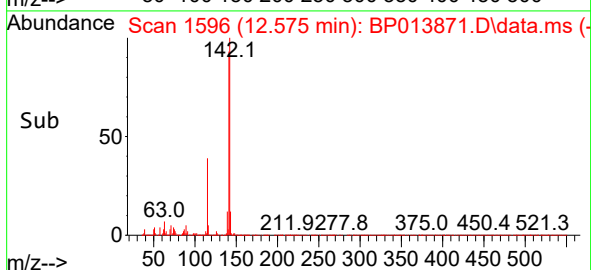
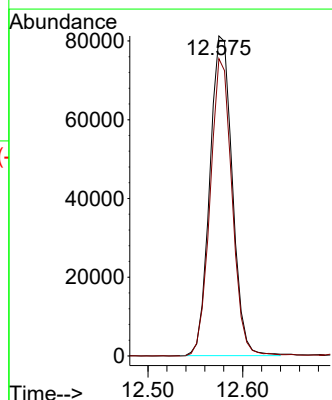
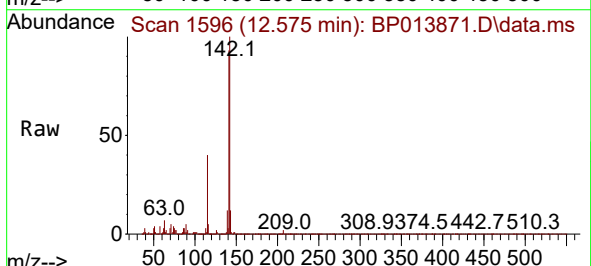
Instrument : BNA_P
ClientSampleId : MDL-SOIL-QT1-2023-02

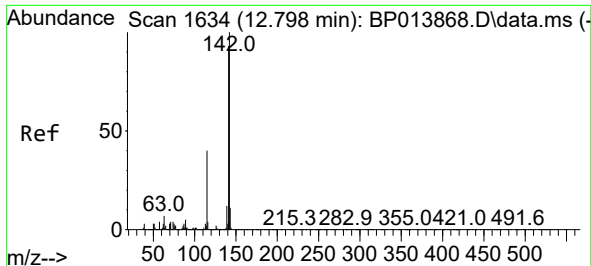
Tgt Ion:107 Resp: 64769
Ion Ratio Lower Upper
107 100
144 23.9 20.0 30.0
142 77.3 62.1 93.1



#36
2-Methylnaphthalene
Concen: 4.375 ng/ul
RT: 12.575 min Scan# 1596
Delta R.T. -0.006 min
Lab File: BP013871.D
Acq: 22 Feb 2023 11:16

Tgt Ion:142 Resp: 133995
Ion Ratio Lower Upper
142 100
141 92.9 72.8 109.2

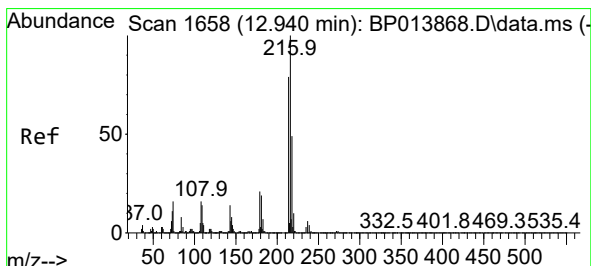
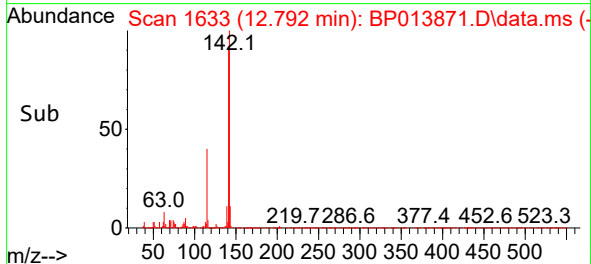
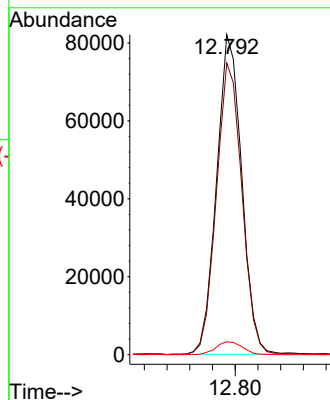
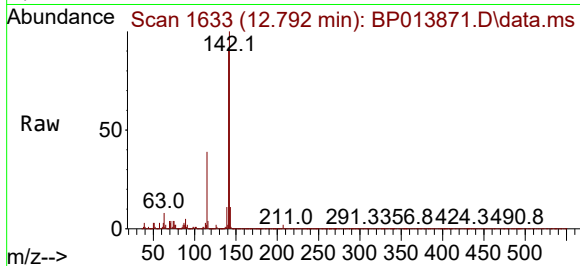




#37
1-Methylnaphthalene
Concen: 3.974 ng/ul
RT: 12.792 min Scan# 1633
Delta R.T. -0.006 min
Lab File: BP013871.D
Acq: 22 Feb 2023 11:16

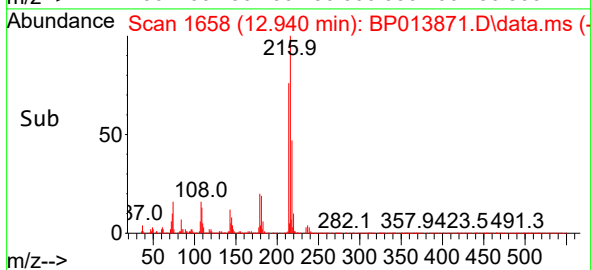
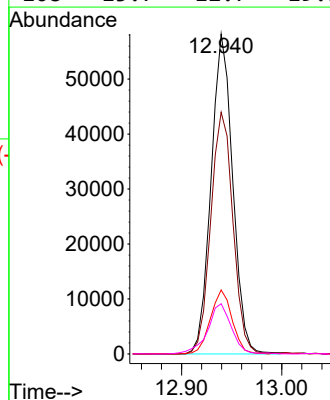
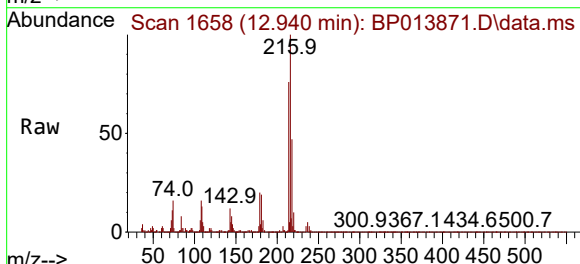
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT1-2023-02

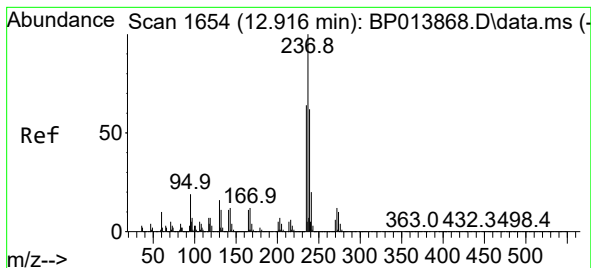
Tgt Ion:142 Resp: 125754
Ion Ratio Lower Upper
142 100
141 91.2 74.2 111.2
116 4.0 3.1 4.7



#39
1,2,4,5-Tetrachlorobenzene
Concen: 4.721 ng/ul
RT: 12.940 min Scan# 1658
Delta R.T. -0.006 min
Lab File: BP013871.D
Acq: 22 Feb 2023 11:16

Tgt Ion:216 Resp: 87117
Ion Ratio Lower Upper
216 100
214 75.6 62.6 93.8
179 20.0 15.4 23.2
108 15.7 12.7 19.1





#40

Hexachlorocyclopentadiene

Concen: 3.979 ng/ul

RT: 12.916 min Scan# 1654

Delta R.T. -0.006 min

Lab File: BP013871.D

Acq: 22 Feb 2023 11:16

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-QT1-2023-02

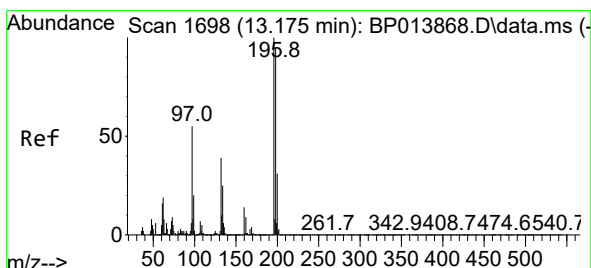
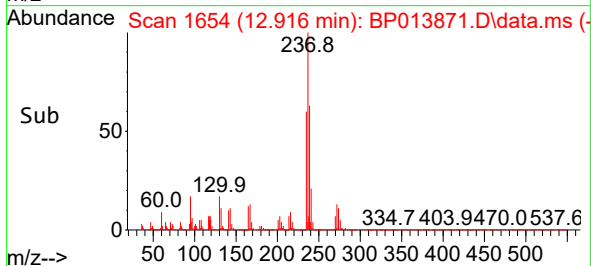
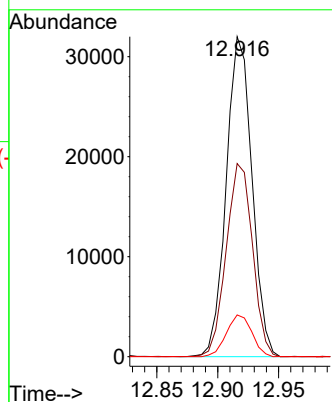
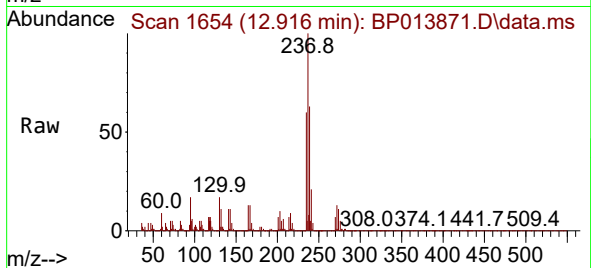
Tgt Ion:237 Resp: 47145

Ion Ratio Lower Upper

237 100

235 60.4 49.8 74.8

272 13.0 10.1 15.1



#41

2,4,6-Trichlorophenol

Concen: 4.339 ng/ul

RT: 13.175 min Scan# 1698

Delta R.T. -0.006 min

Lab File: BP013871.D

Acq: 22 Feb 2023 11:16

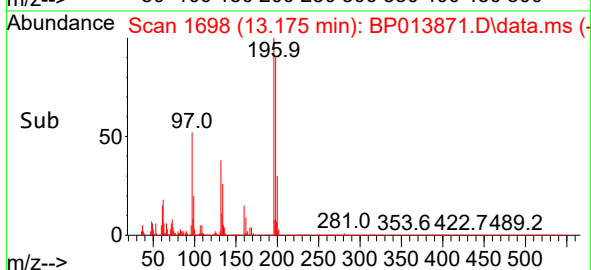
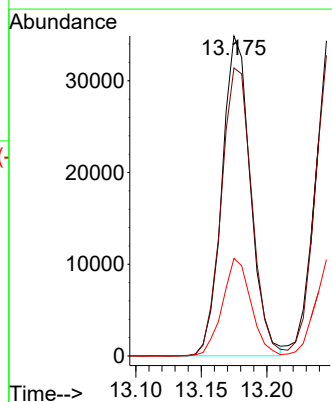
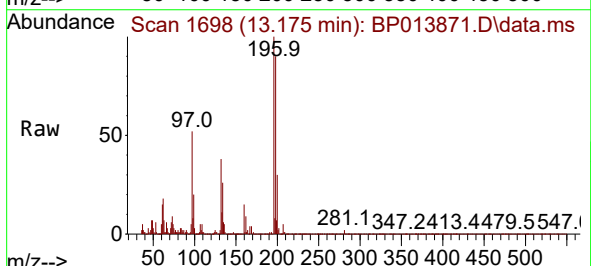
Tgt Ion:196 Resp: 52538

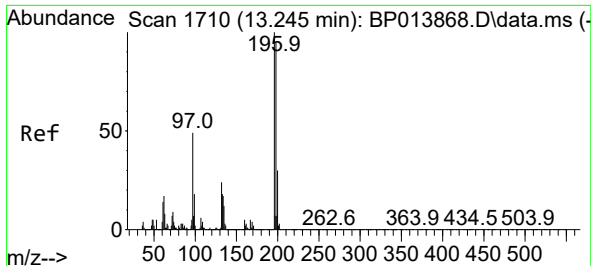
Ion Ratio Lower Upper

196 100

198 90.0 75.1 112.7

200 30.5 24.3 36.5

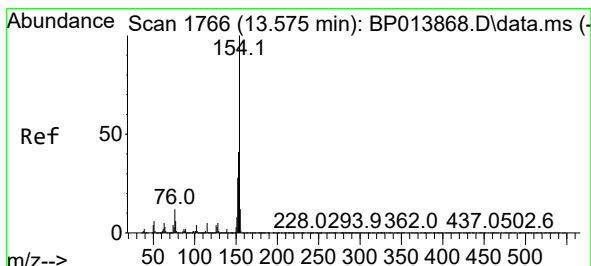
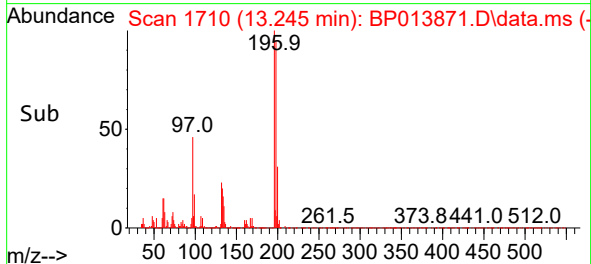
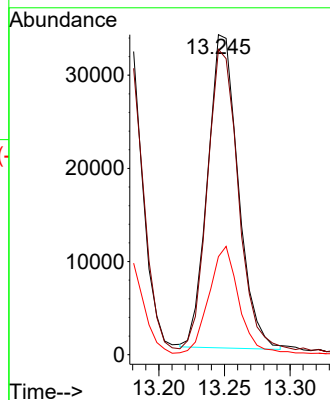
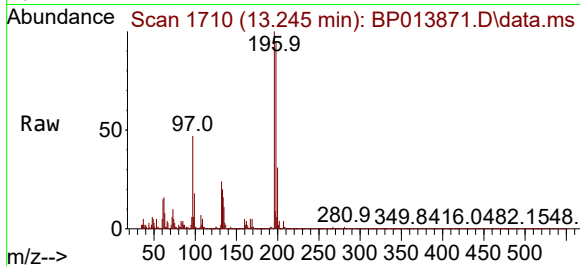




#42
2,4,5-Trichlorophenol
Concen: 4.167 ng/ul
RT: 13.245 min Scan# 1710
Delta R.T. -0.006 min
Lab File: BP013871.D
Acq: 22 Feb 2023 11:16

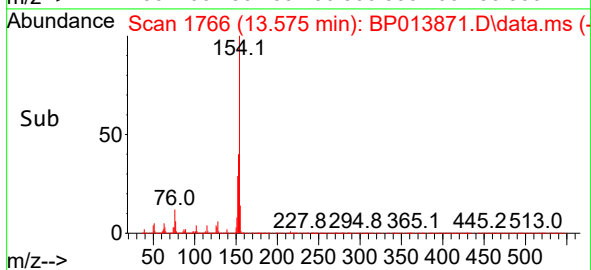
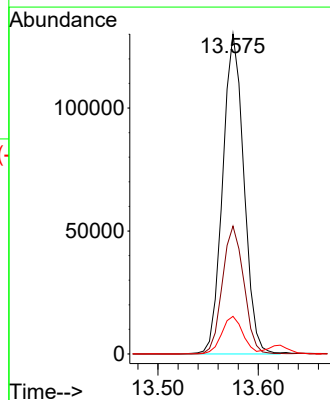
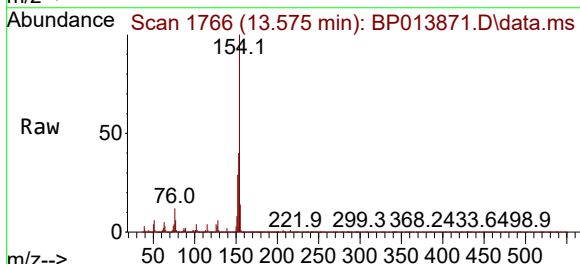
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT1-2023-02

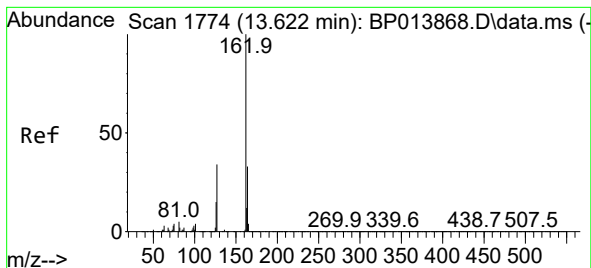
Tgt Ion:	196	Resp:	54617
Ion Ratio	Lower	Upper	
196	100		
198	95.4	77.0	115.4
200	30.6	25.8	38.6



#43
1,1'-Biphenyl
Concen: 4.342 ng/ul
RT: 13.575 min Scan# 1766
Delta R.T. -0.006 min
Lab File: BP013871.D
Acq: 22 Feb 2023 11:16

Tgt Ion:	154	Resp:	190765
Ion Ratio	Lower	Upper	
154	100		
153	40.0	31.9	47.9
76	11.7	9.9	14.9





#44

2-Chloronaphthalene

Concen: 4.355 ng/ul

RT: 13.622 min Scan# 1774

Delta R.T. -0.000 min

Lab File: BP013871.D

Acq: 22 Feb 2023 11:16

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-QT1-2023-02

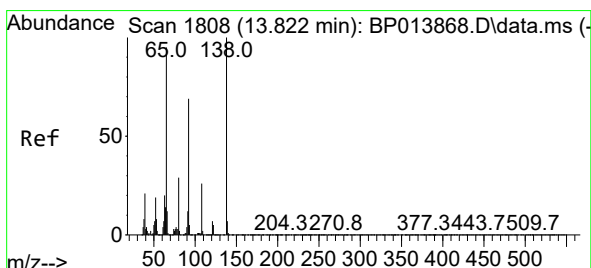
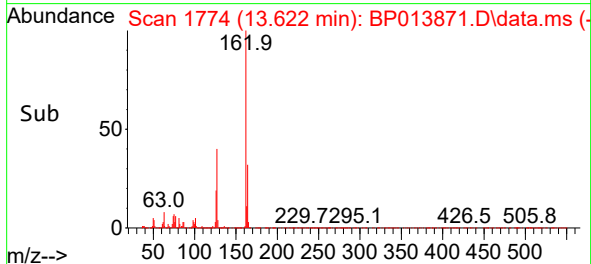
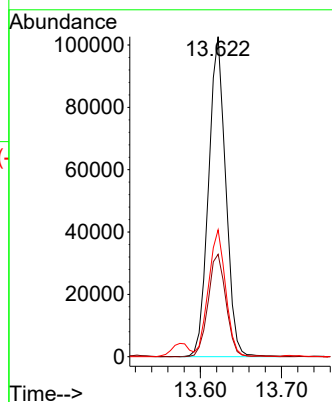
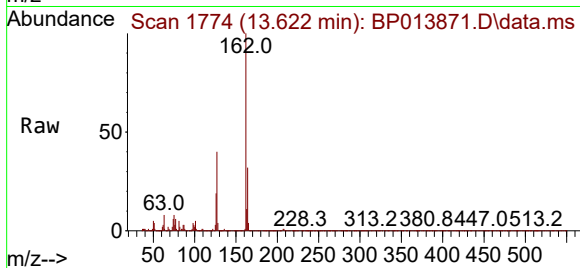
Tgt Ion:162 Resp: 150516

Ion Ratio Lower Upper

162 100

164 32.0 26.1 39.1

127 39.6 31.1 46.7



#45

2-Nitroaniline

Concen: 3.958 ng/ul

RT: 13.822 min Scan# 1808

Delta R.T. -0.000 min

Lab File: BP013871.D

Acq: 22 Feb 2023 11:16

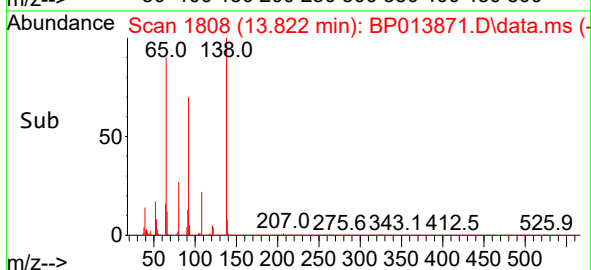
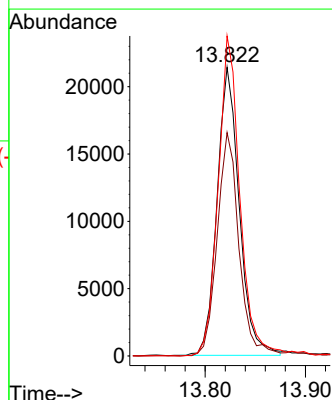
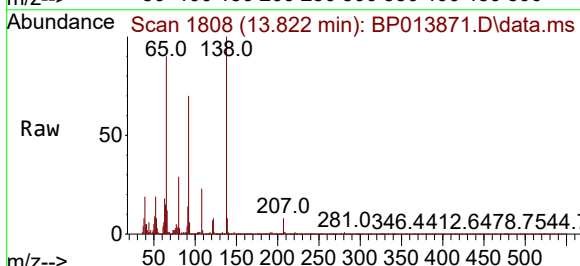
Tgt Ion: 65 Resp: 32948

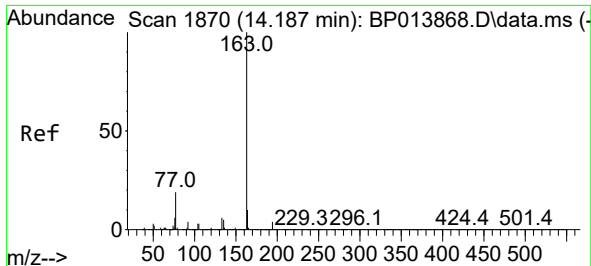
Ion Ratio Lower Upper

65 100

92 77.4 58.6 88.0

138 110.9 81.2 121.8

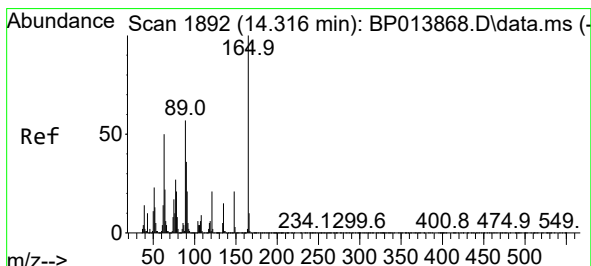
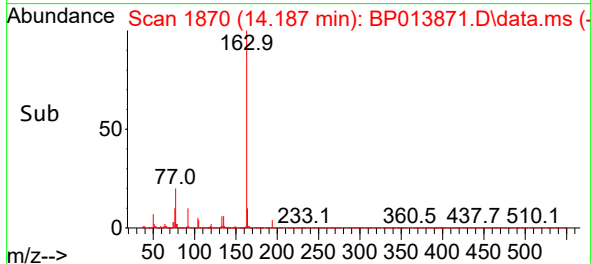
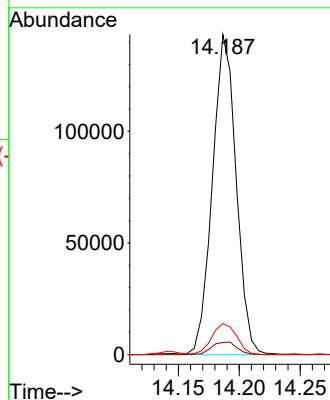
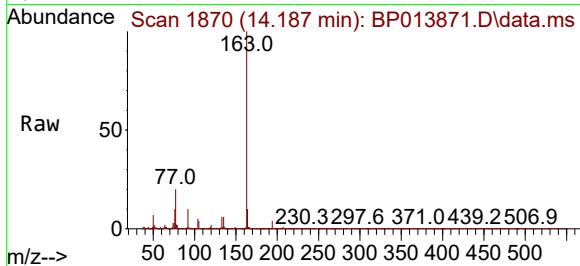




#47
Dimethylphthalate
Concen: 4.245 ng/ul
RT: 14.187 min Scan# 1870
Delta R.T. -0.006 min
Lab File: BP013871.D
Acq: 22 Feb 2023 11:16

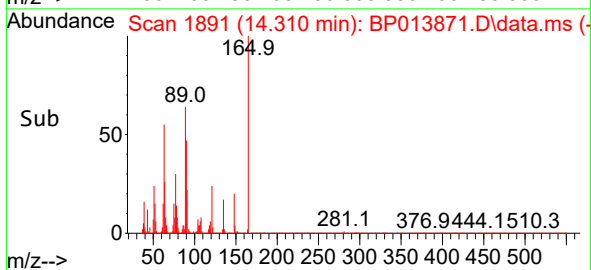
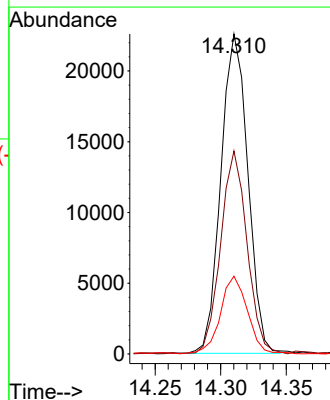
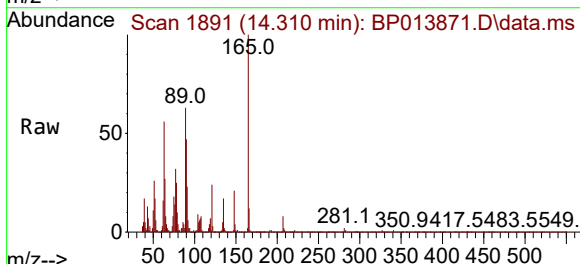
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT1-2023-02

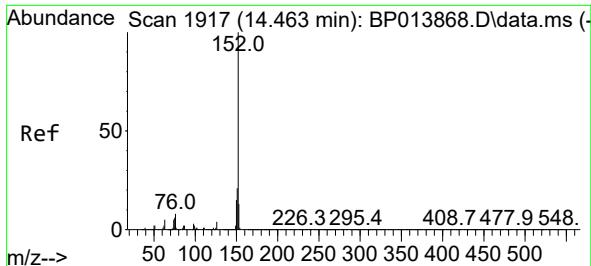
Tgt Ion:163 Resp: 194173
Ion Ratio Lower Upper
163 100
194 3.8 3.4 5.2
164 9.7 7.8 11.8



#48
2,6-Dinitrotoluene
Concen: 4.030 ng/ul
RT: 14.310 min Scan# 1891
Delta R.T. -0.006 min
Lab File: BP013871.D
Acq: 22 Feb 2023 11:16

Tgt Ion:165 Resp: 32205
Ion Ratio Lower Upper
165 100
89 63.4 47.5 71.3
121 24.3 16.6 24.8

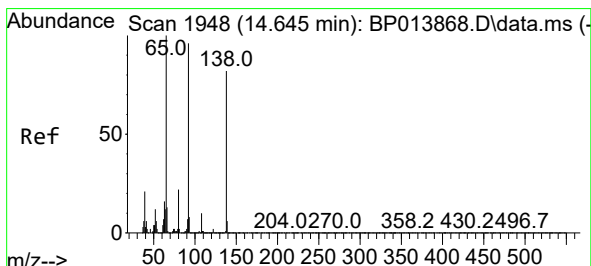
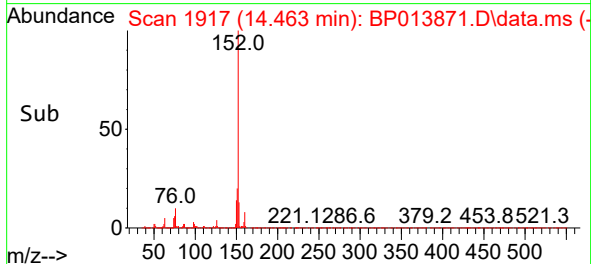
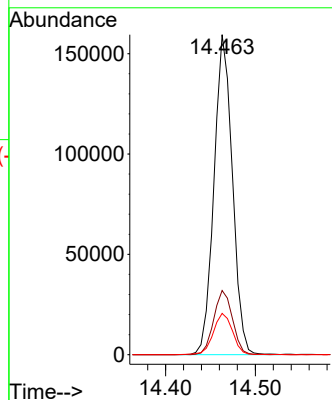
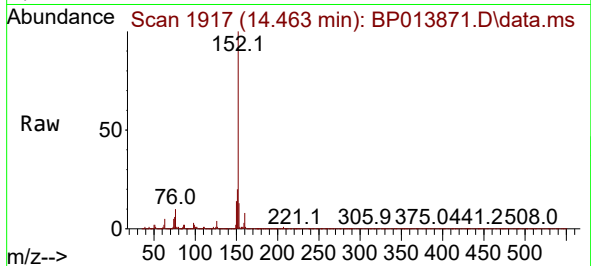




#50
Acenaphthylene
Concen: 4.216 ng/ul
RT: 14.463 min Scan# 1917
Delta R.T. -0.006 min
Lab File: BP013871.D
Acq: 22 Feb 2023 11:16

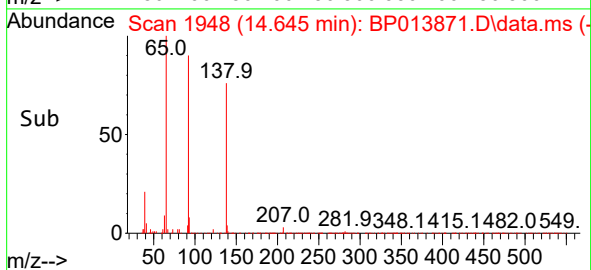
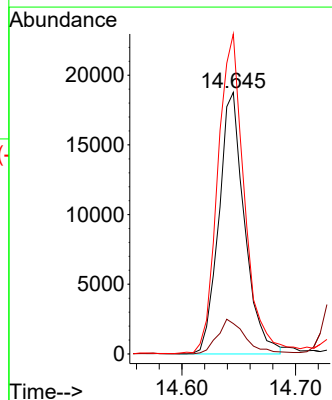
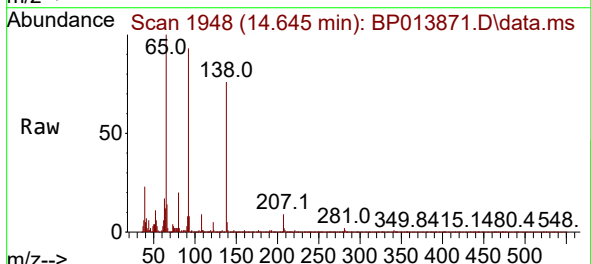
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT1-2023-02

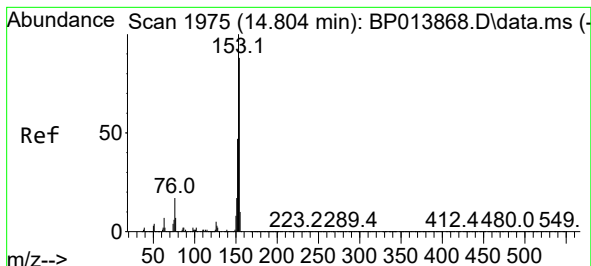
Tgt Ion:152 Resp: 227062
Ion Ratio Lower Upper
152 100
151 20.0 15.8 23.6
153 12.9 10.4 15.6



#51
3-Nitroaniline
Concen: 3.738 ng/ul
RT: 14.645 min Scan# 1948
Delta R.T. -0.000 min
Lab File: BP013871.D
Acq: 22 Feb 2023 11:16

Tgt Ion:138 Resp: 29537
Ion Ratio Lower Upper
138 100
108 11.6 9.4 14.2
92 122.3 97.4 146.0





#52

Acenaphthene

Concen: 4.296 ng/ul

RT: 14.804 min Scan# 1975

Delta R.T. -0.006 min

Lab File: BP013871.D

Acq: 22 Feb 2023 11:16

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-QT1-2023-02

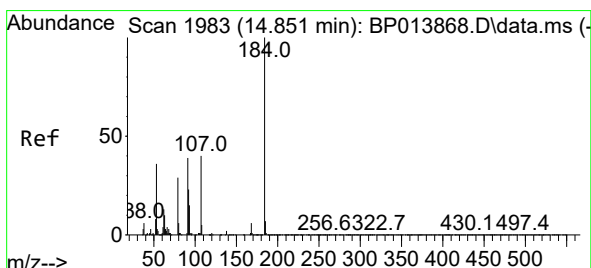
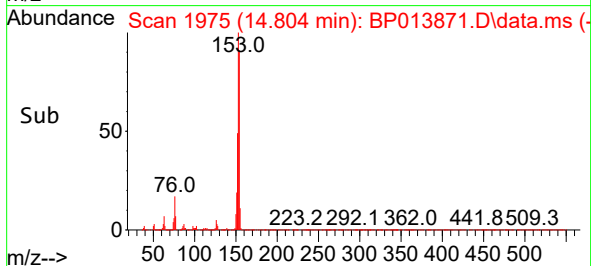
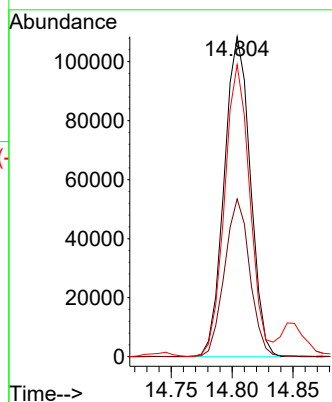
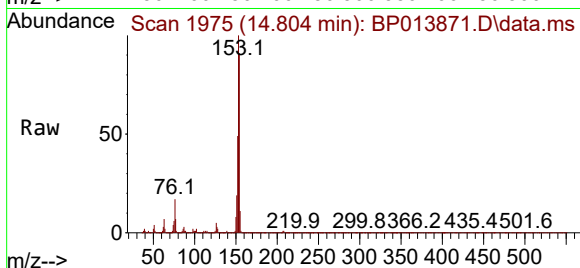
Tgt Ion:153 Resp: 161914

Ion Ratio Lower Upper

153 100

152 49.3 37.4 56.0

154 91.2 70.1 105.1



#53

2,4-Dinitrophenol

Concen: 4.615 ng/ul

RT: 14.845 min Scan# 1982

Delta R.T. -0.006 min

Lab File: BP013871.D

Acq: 22 Feb 2023 11:16

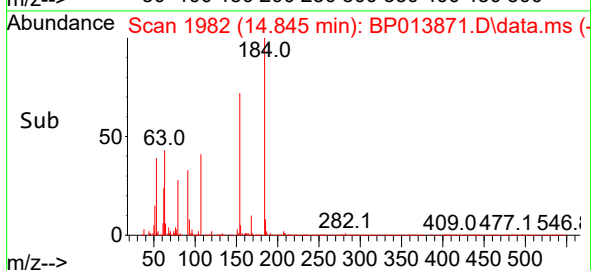
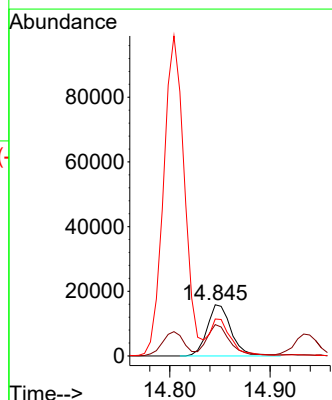
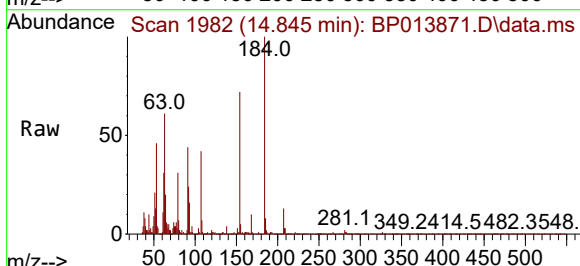
Tgt Ion:184 Resp: 26302

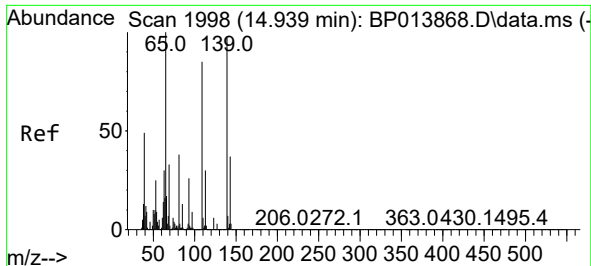
Ion Ratio Lower Upper

184 100

63 61.5 49.5 74.3

154 72.4 54.3 81.5

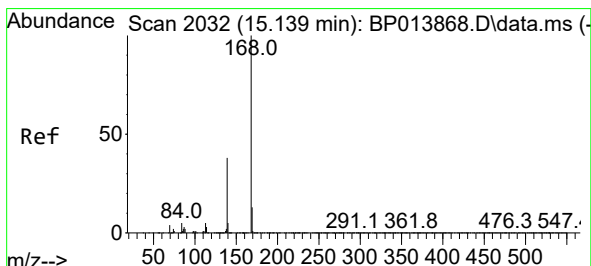
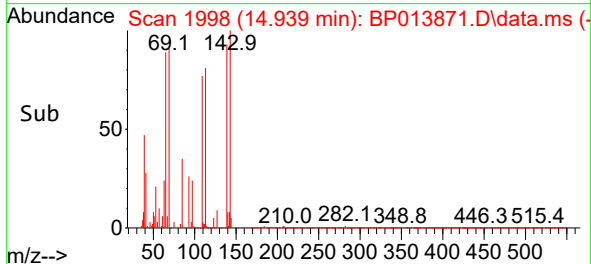
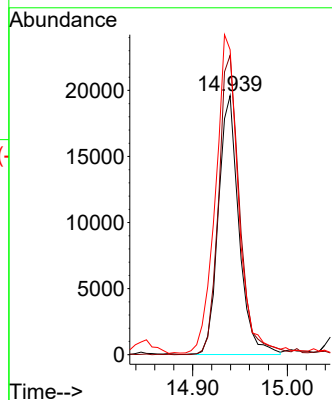
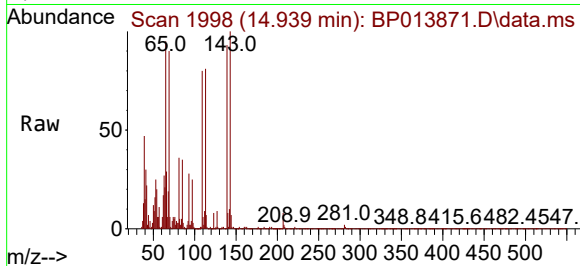




#55
4-Nitrophenol
Concen: 4.095 ng/ul
RT: 14.939 min Scan# 1998
Delta R.T. -0.006 min
Lab File: BP013871.D
Acq: 22 Feb 2023 11:16

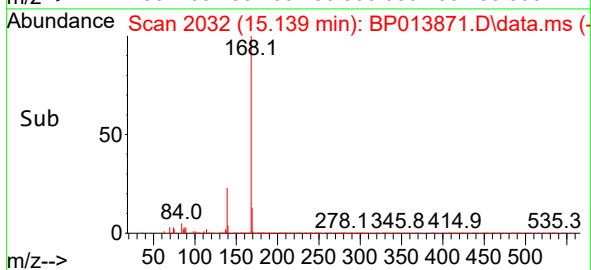
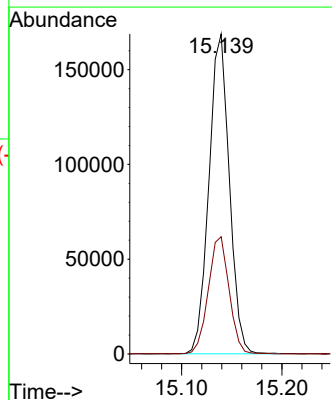
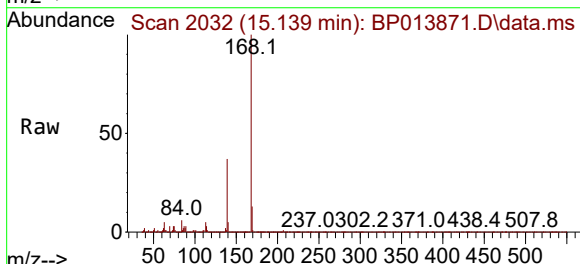
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT1-2023-02

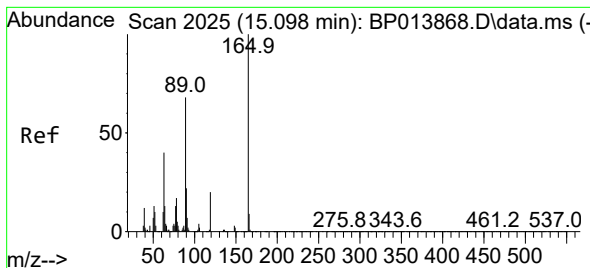
Tgt Ion	Ratio	Lower	Upper
109	100		
139	115.5	96.0	144.0
65	117.7	95.8	143.6



#56
Dibenzofuran
Concen: 4.421 ng/ul
RT: 15.139 min Scan# 2032
Delta R.T. -0.000 min
Lab File: BP013871.D
Acq: 22 Feb 2023 11:16

Tgt Ion	Ratio	Lower	Upper
168	100		
139	36.6	29.6	44.4





#57

2,4-Dinitrotoluene

Concen: 4.357 ng/ul

RT: 15.098 min Scan# 2025

Delta R.T. -0.000 min

Lab File: BP013871.D

Acq: 22 Feb 2023 11:16

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-QT1-2023-02

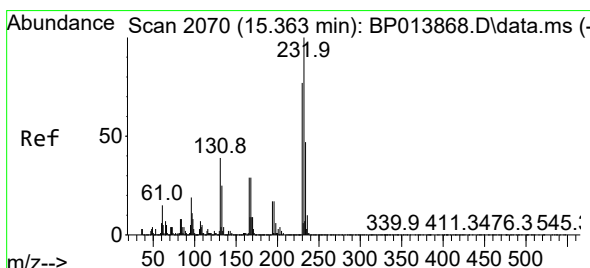
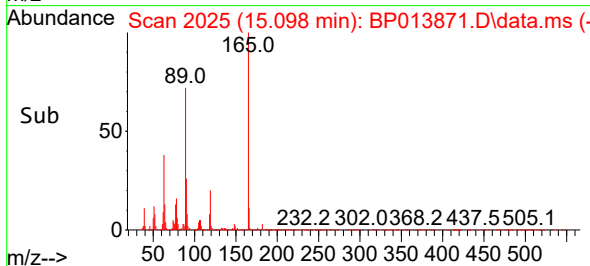
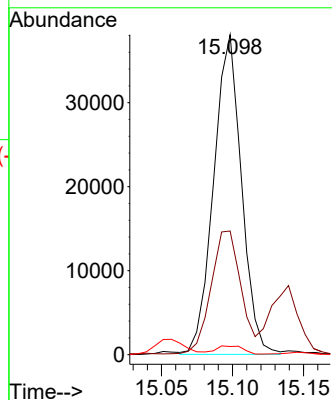
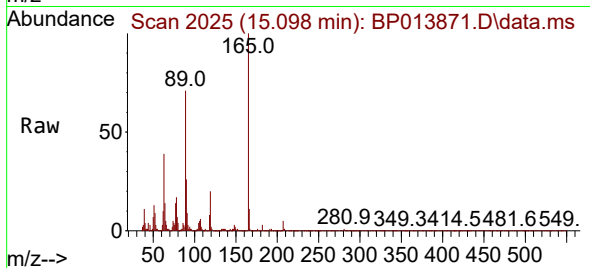
Tgt Ion:165 Resp: 51910

Ion Ratio Lower Upper

165 100

63 38.6 32.0 48.0

182 2.5 2.4 3.6



#58

2,3,4,6-Tetrachlorophenol

Concen: 4.361 ng/ul

RT: 15.363 min Scan# 2070

Delta R.T. -0.000 min

Lab File: BP013871.D

Acq: 22 Feb 2023 11:16

Tgt Ion:232 Resp: 53874

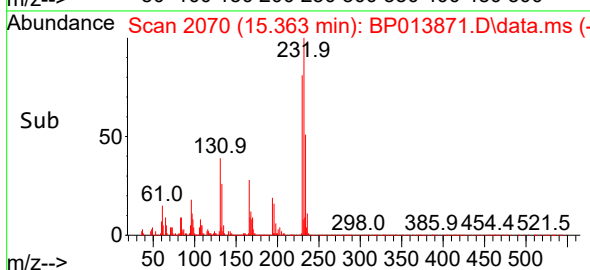
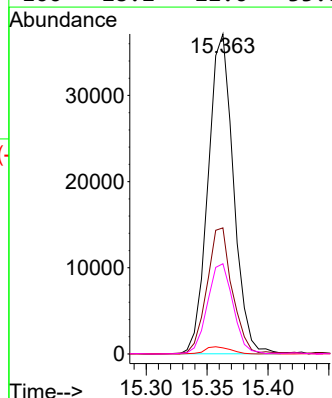
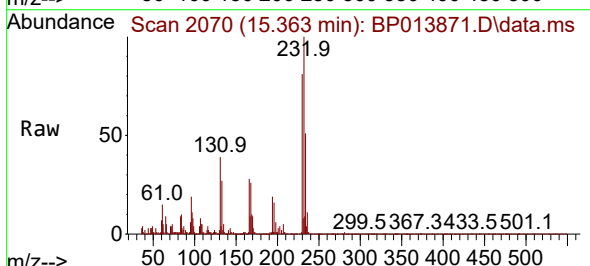
Ion Ratio Lower Upper

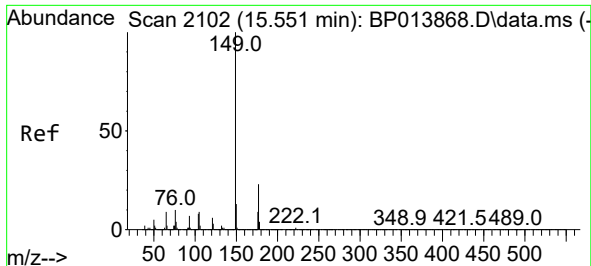
232 100

131 39.4 33.0 49.6

130 1.9 1.5 2.3

166 28.2 22.6 33.8

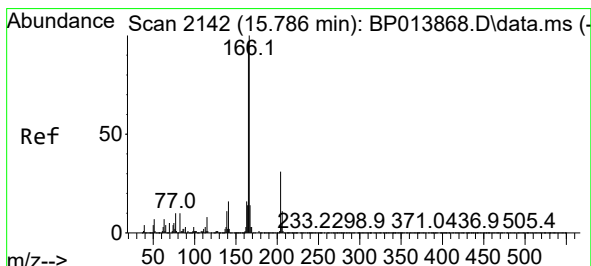
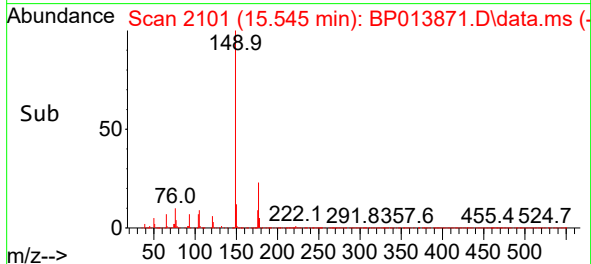
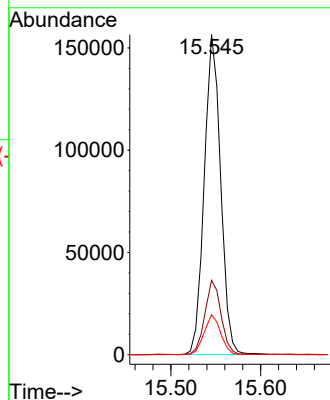
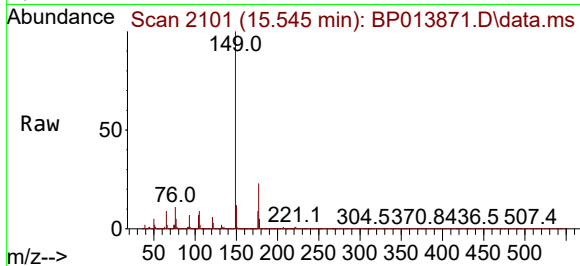




#59
Diethylphthalate
Concen: 4.317 ng/ul
RT: 15.545 min Scan# 2101
Delta R.T. -0.006 min
Lab File: BP013871.D
Acq: 22 Feb 2023 11:16

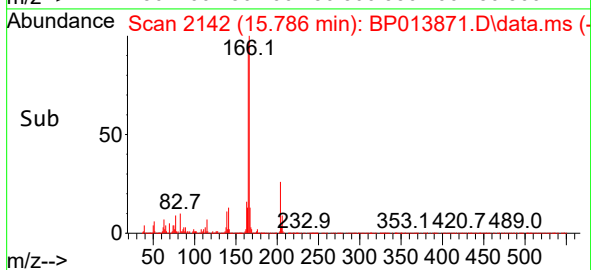
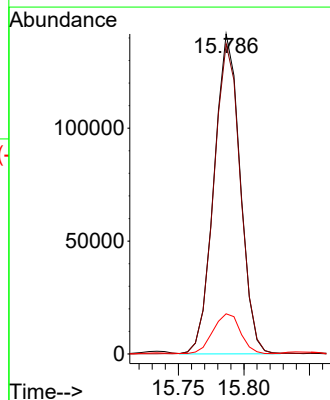
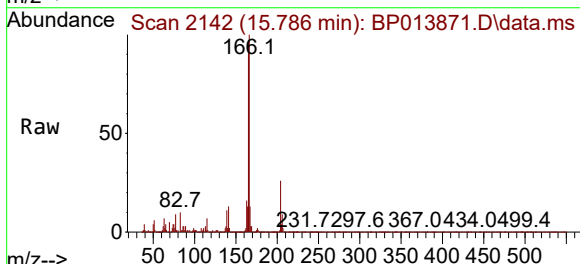
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT1-2023-02

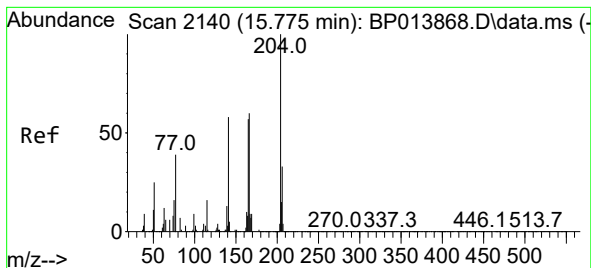
Tgt Ion:149 Resp: 198300
Ion Ratio Lower Upper
149 100
177 23.3 17.8 26.8
150 12.5 10.1 15.1



#61
Fluorene
Concen: 4.451 ng/ul
RT: 15.786 min Scan# 2142
Delta R.T. -0.006 min
Lab File: BP013871.D
Acq: 22 Feb 2023 11:16

Tgt Ion:166 Resp: 196254
Ion Ratio Lower Upper
166 100
165 96.9 79.1 118.7
167 12.6 10.8 16.2

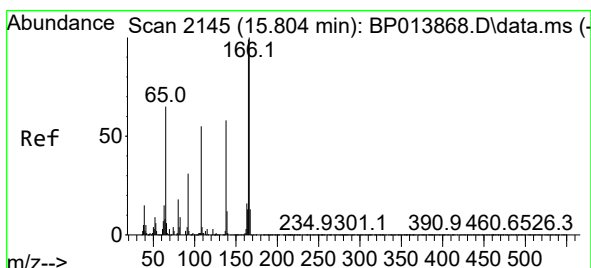
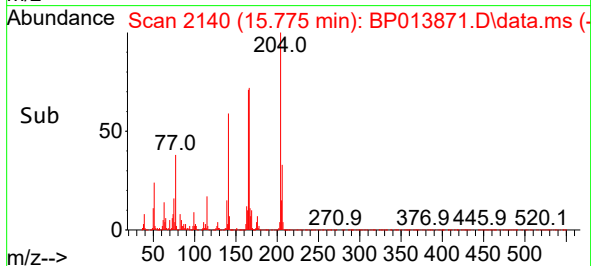
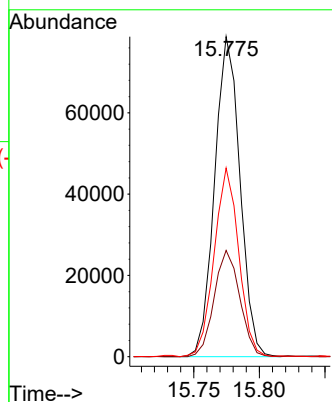
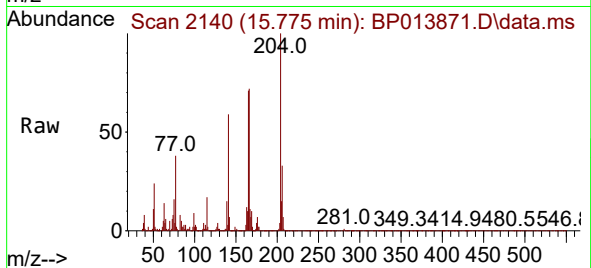




#62
4-Chlorophenyl-phenylether
Concen: 4.614 ng/ul
RT: 15.775 min Scan# 2140
Delta R.T. -0.000 min
Lab File: BP013871.D
Acq: 22 Feb 2023 11:16

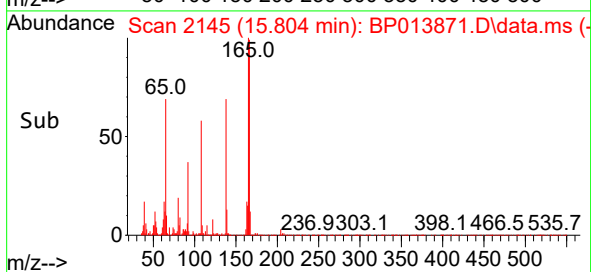
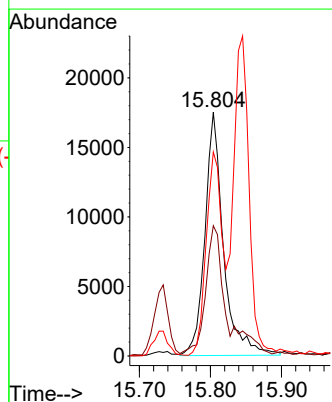
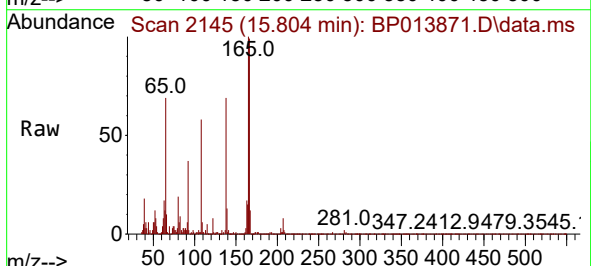
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT1-2023-02

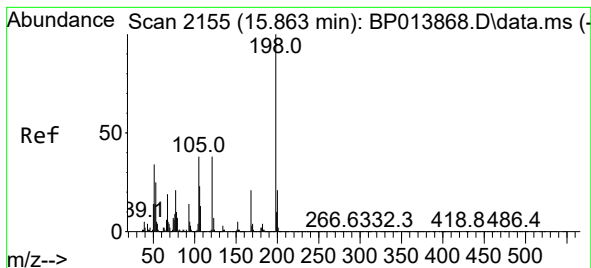
Tgt Ion:204 Resp: 105763
Ion Ratio Lower Upper
204 100
206 33.2 26.7 40.1
141 59.0 44.6 66.8



#63
4-Nitroaniline
Concen: 4.260 ng/ul
RT: 15.804 min Scan# 2145
Delta R.T. -0.000 min
Lab File: BP013871.D
Acq: 22 Feb 2023 11:16

Tgt Ion:138 Resp: 31870
Ion Ratio Lower Upper
138 100
92 53.5 43.8 65.8
108 83.7 69.8 104.6

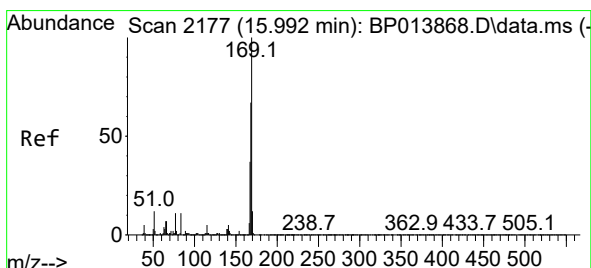
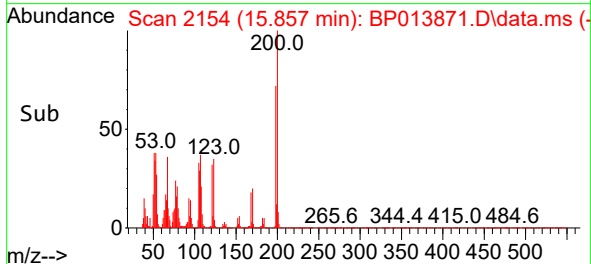
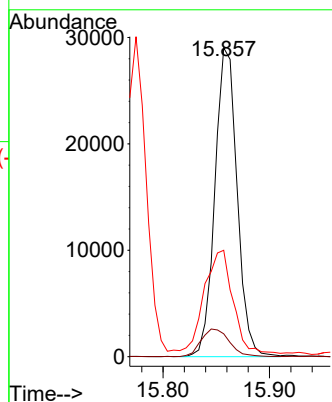
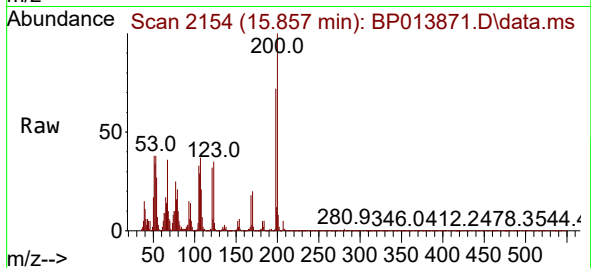




#66
4,6-Dinitro-2-methylphenol
Concen: 4.940 ng/ul
RT: 15.857 min Scan# 2154
Delta R.T. -0.006 min
Lab File: BP013871.D
Acq: 22 Feb 2023 11:16

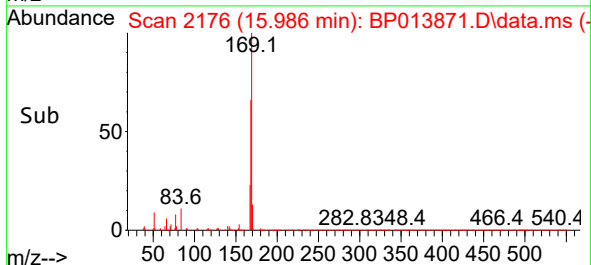
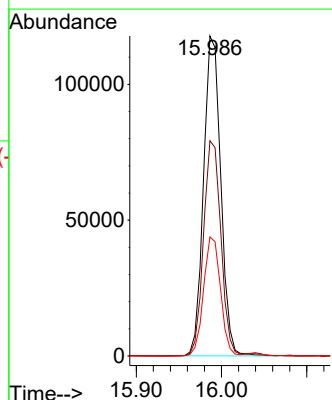
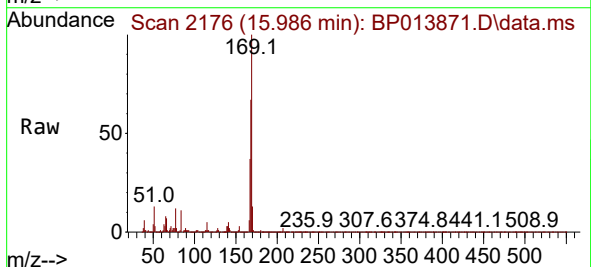
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT1-2023-02

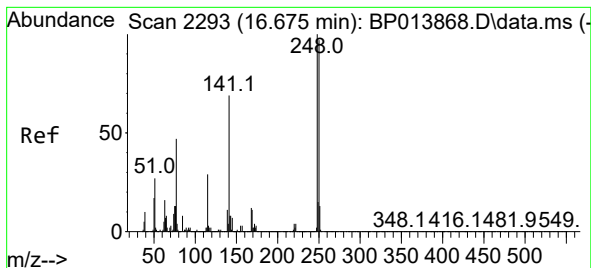
Tgt Ion:198 Resp: 42057
Ion Ratio Lower Upper
198 100
182 7.4 4.1 6.1#
77 34.5 20.3 30.5#



#67
N-Nitrosodiphenylamine
Concen: 4.299 ng/ul
RT: 15.986 min Scan# 2176
Delta R.T. -0.006 min
Lab File: BP013871.D
Acq: 22 Feb 2023 11:16

Tgt Ion:169 Resp: 165382
Ion Ratio Lower Upper
169 100
168 67.2 53.5 80.3
167 37.2 29.8 44.6

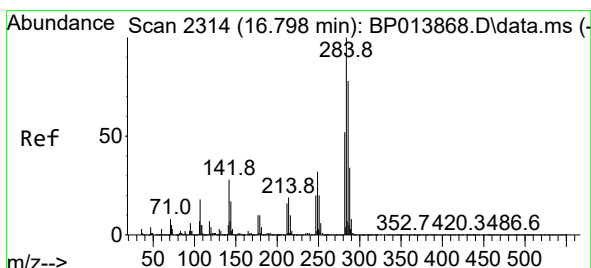
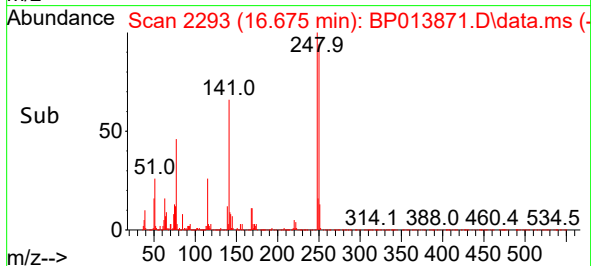
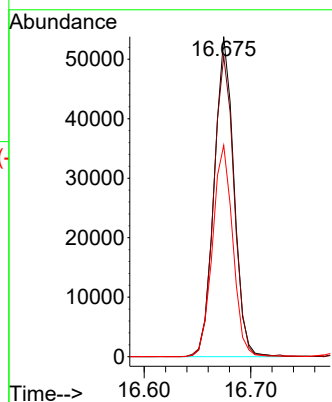
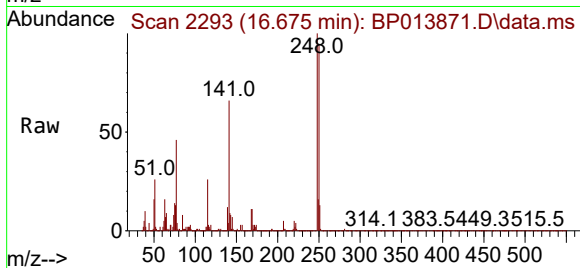




#68
4-Bromophenyl-phenylether
Concen: 4.612 ng/ul
RT: 16.675 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP013871.D
Acq: 22 Feb 2023 11:16

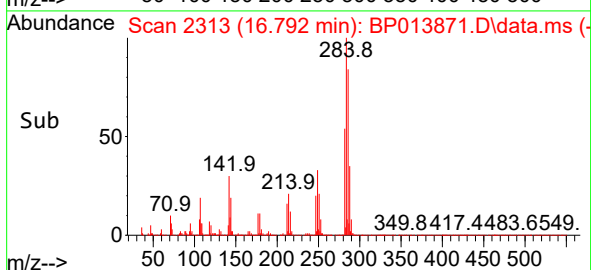
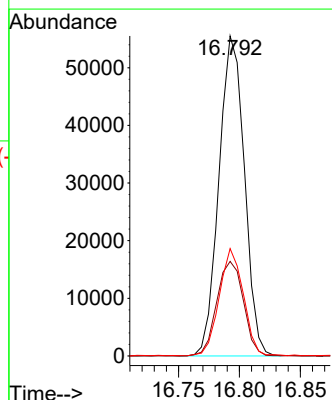
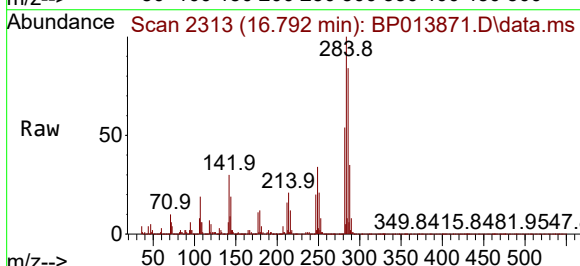
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT1-2023-02

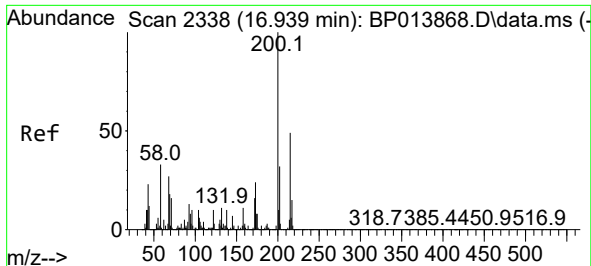
Tgt Ion:248 Resp: 68943
Ion Ratio Lower Upper
248 100
250 93.9 76.0 114.0
141 66.0 56.0 84.0



#69
Hexachlorobenzene
Concen: 4.639 ng/ul
RT: 16.792 min Scan# 2313
Delta R.T. -0.006 min
Lab File: BP013871.D
Acq: 22 Feb 2023 11:16

Tgt Ion:284 Resp: 80797
Ion Ratio Lower Upper
284 100
142 29.6 25.0 37.4
249 33.5 24.9 37.3

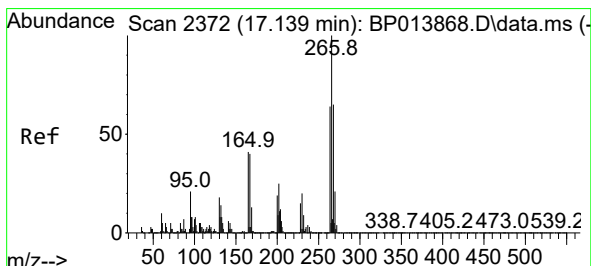
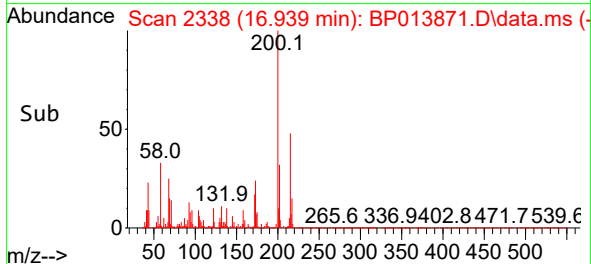
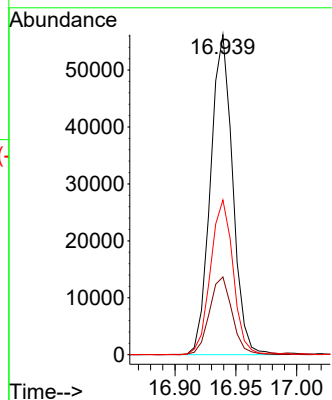
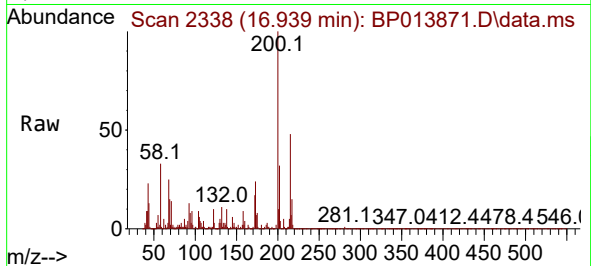




#70
Atrazine
Concen: 4.633 ng/ul
RT: 16.939 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP013871.D
Acq: 22 Feb 2023 11:16

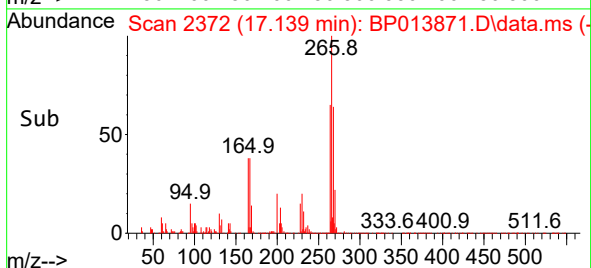
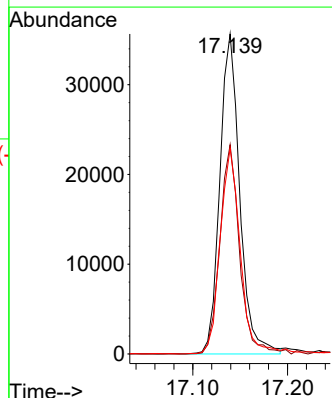
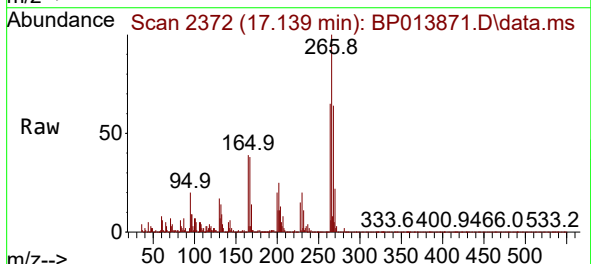
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT1-2023-02

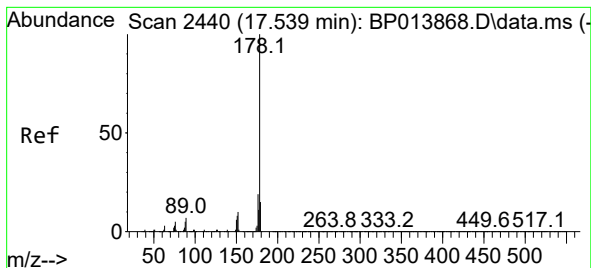
Tgt Ion:200 Resp: 71276
Ion Ratio Lower Upper
200 100
173 24.3 20.4 30.6
215 48.4 39.3 58.9



#71
Pentachlorophenol
Concen: 4.603 ng/ul
RT: 17.139 min Scan# 2372
Delta R.T. -0.000 min
Lab File: BP013871.D
Acq: 22 Feb 2023 11:16

Tgt Ion:266 Resp: 52170
Ion Ratio Lower Upper
266 100
264 65.4 50.5 75.7
268 64.2 51.0 76.6





#72

Phenanthrene

Concen: 4.305 ng/ul

RT: 17.539 min Scan# 2440

Delta R.T. -0.000 min

Lab File: BP013871.D

Acq: 22 Feb 2023 11:16

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-QT1-2023-02

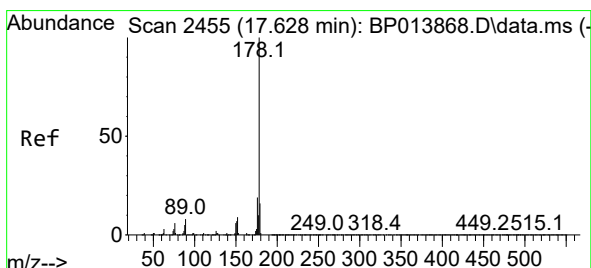
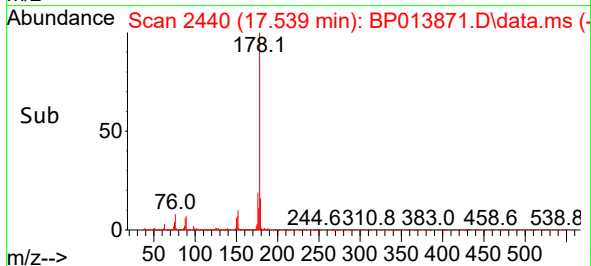
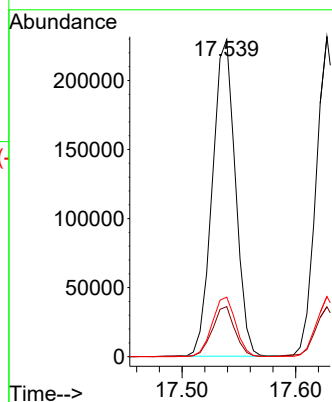
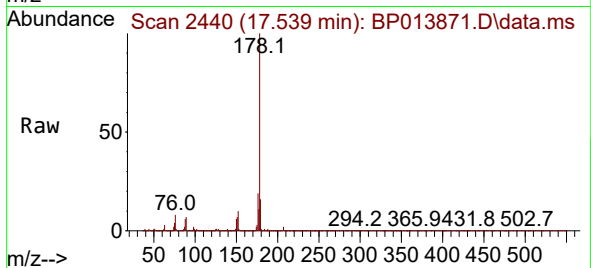
Tgt Ion:178 Resp: 322425

Ion Ratio Lower Upper

178 100

179 15.8 12.2 18.2

176 18.8 15.2 22.8



#74

Anthracene

Concen: 4.229 ng/ul

RT: 17.628 min Scan# 2455

Delta R.T. -0.006 min

Lab File: BP013871.D

Acq: 22 Feb 2023 11:16

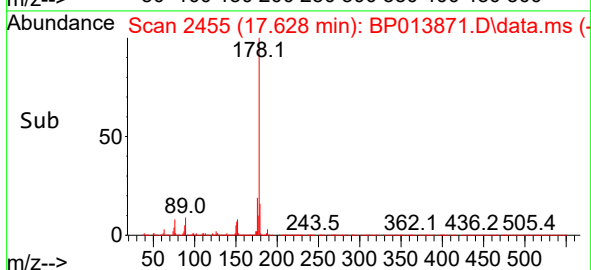
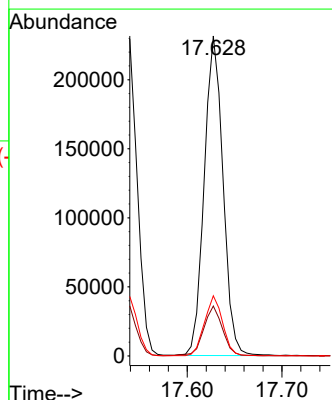
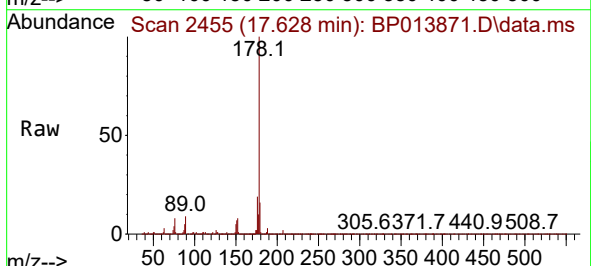
Tgt Ion:178 Resp: 318695

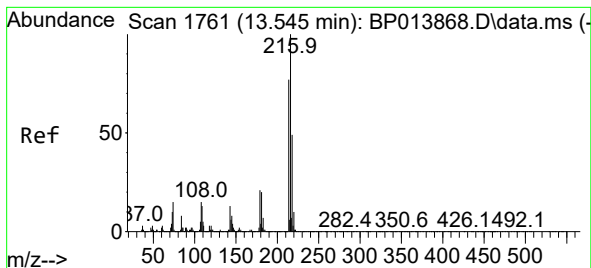
Ion Ratio Lower Upper

178 100

179 15.6 12.2 18.4

176 18.8 15.0 22.4





#75

1,2,3,4-Tetrachlorobenzene

Concen: 4.214 ng/uL

RT: 13.545 min Scan# 1761

Delta R.T. -0.000 min

Lab File: BP013871.D

Acq: 22 Feb 2023 11:16

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-QT1-2023-02

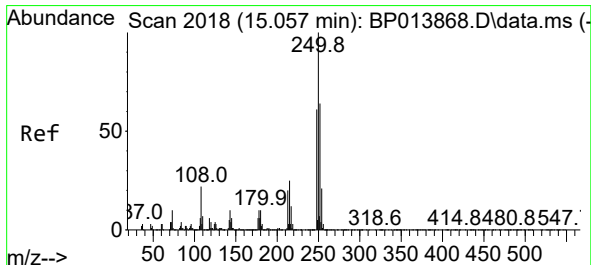
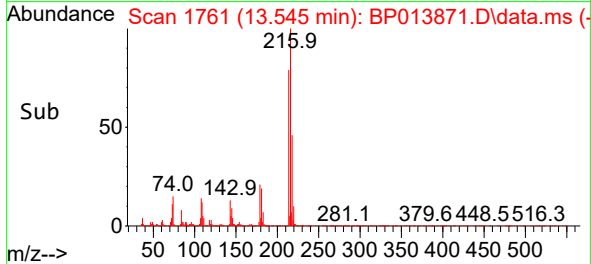
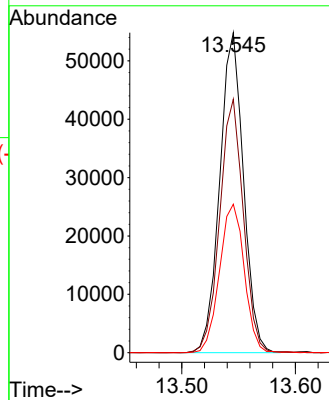
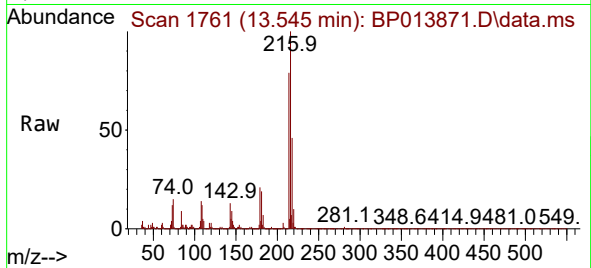
Tgt Ion:216 Resp: 79620

Ion Ratio Lower Upper

216 100

214 79.2 62.6 94.0

218 46.4 39.0 58.4



#76

Pentachlorobenzene

Concen: 4.100 ng/uL

RT: 15.057 min Scan# 2018

Delta R.T. -0.006 min

Lab File: BP013871.D

Acq: 22 Feb 2023 11:16

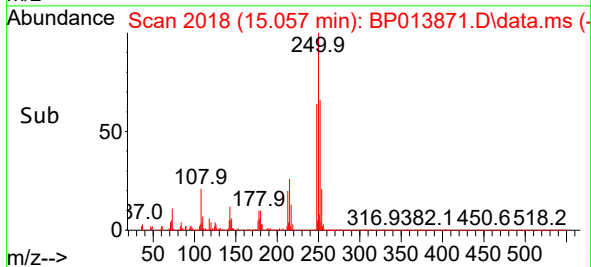
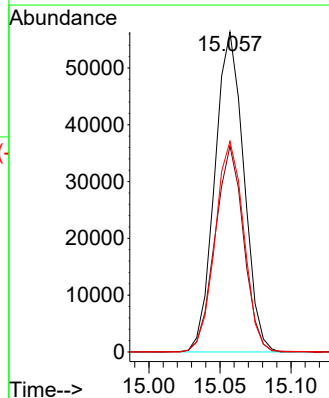
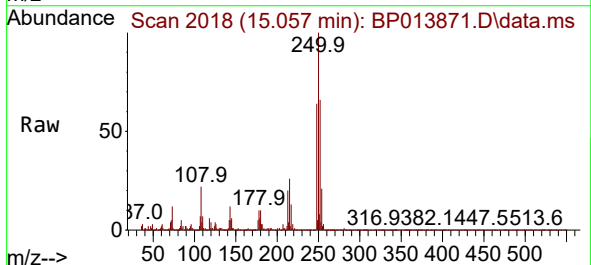
Tgt Ion:250 Resp: 79947

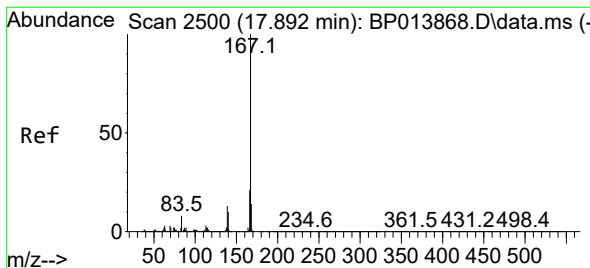
Ion Ratio Lower Upper

250 100

248 64.3 51.1 76.7

252 65.9 51.0 76.6





#77

Carbazole

Concen: 4.260 ng/ul

RT: 17.892 min Scan# 2500

Delta R.T. -0.006 min

Lab File: BP013871.D

Acq: 22 Feb 2023 11:16

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-QT1-2023-02

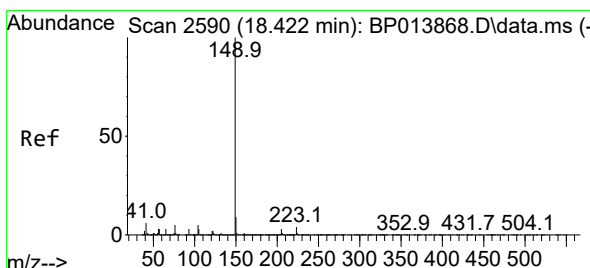
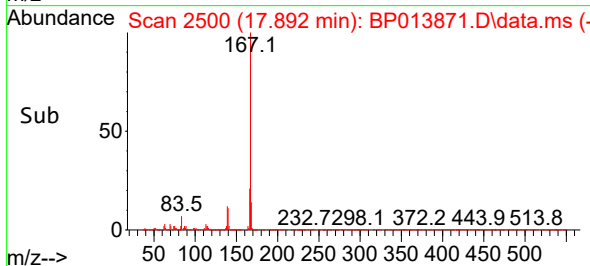
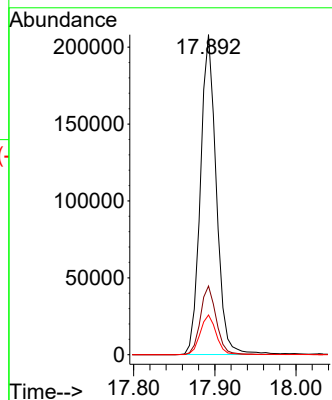
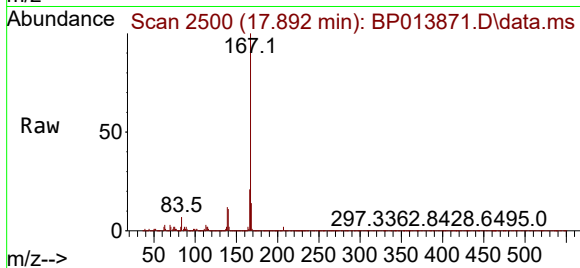
Tgt Ion:167 Resp: 282757

Ion Ratio Lower Upper

167 100

166 21.5 17.3 25.9

139 12.4 10.4 15.6



#78

Di-n-butylphthalate

Concen: 4.113 ng/ul

RT: 18.422 min Scan# 2590

Delta R.T. -0.006 min

Lab File: BP013871.D

Acq: 22 Feb 2023 11:16

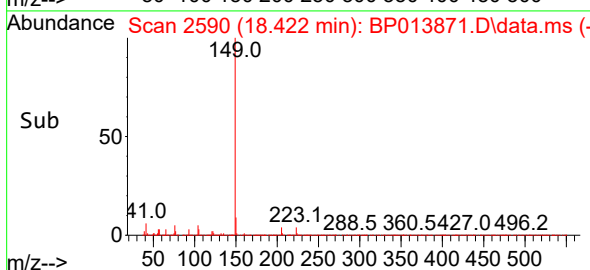
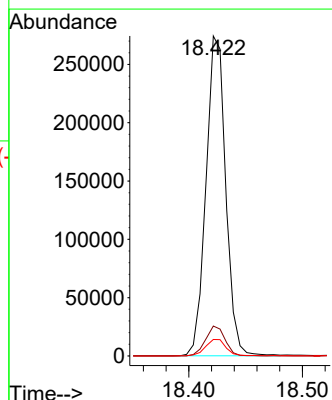
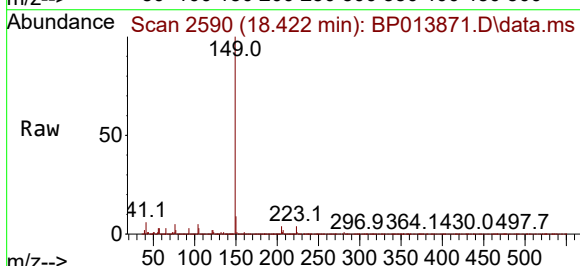
Tgt Ion:149 Resp: 331115

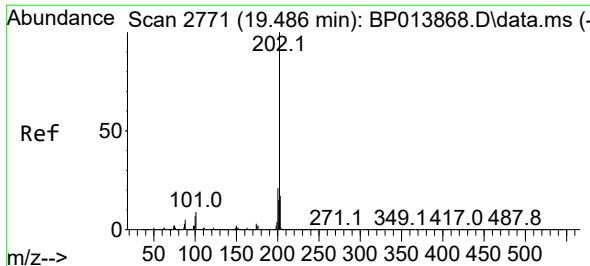
Ion Ratio Lower Upper

149 100

150 9.4 7.1 10.7

104 5.1 4.1 6.1

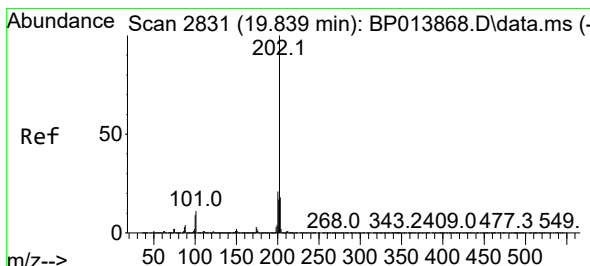
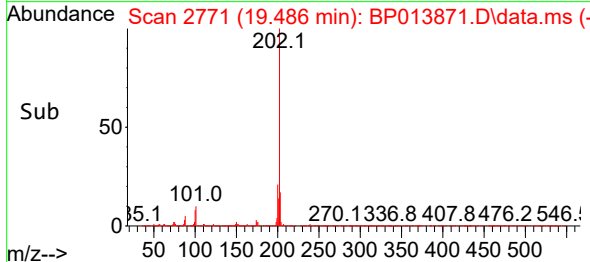
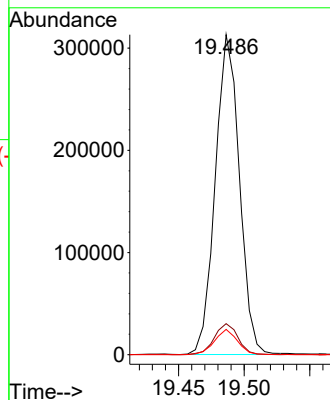
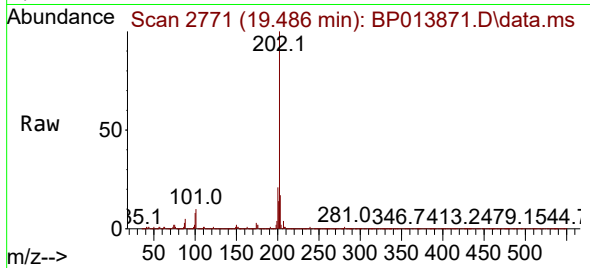




#80
Fluoranthene
Concen: 4.205 ng/ul
RT: 19.486 min Scan# 2771
Delta R.T. -0.006 min
Lab File: BP013871.D
Acq: 22 Feb 2023 11:16

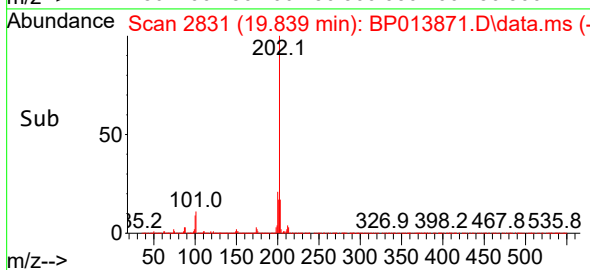
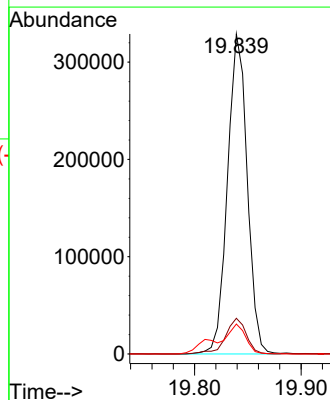
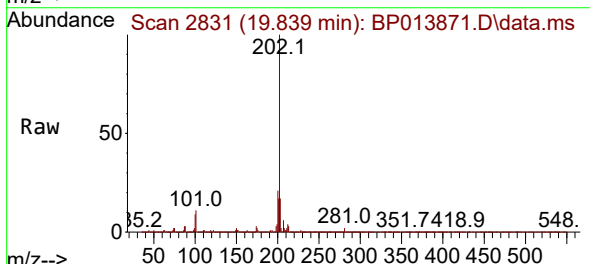
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT1-2023-02

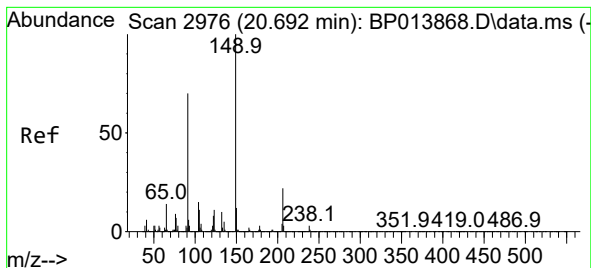
Tgt Ion:202 Resp: 399602
Ion Ratio Lower Upper
202 100
101 9.7 8.6 12.8
100 7.9 6.3 9.5



#82
Pyrene
Concen: 4.181 ng/ul
RT: 19.839 min Scan# 2831
Delta R.T. -0.006 min
Lab File: BP013871.D
Acq: 22 Feb 2023 11:16

Tgt Ion:202 Resp: 423626
Ion Ratio Lower Upper
202 100
101 11.1 10.3 15.5
100 9.4 8.5 12.7





#83

Butylbenzylphthalate

Concen: 4.130 ng/ul

RT: 20.692 min Scan# 2976

Delta R.T. -0.006 min

Lab File: BP013871.D

Acq: 22 Feb 2023 11:16

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-QT1-2023-02

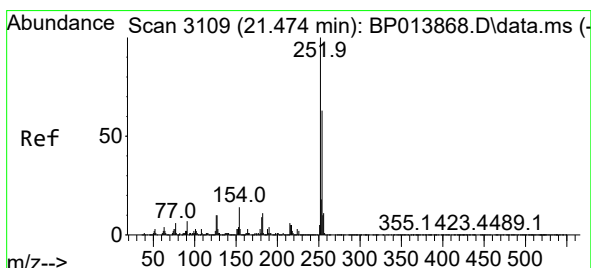
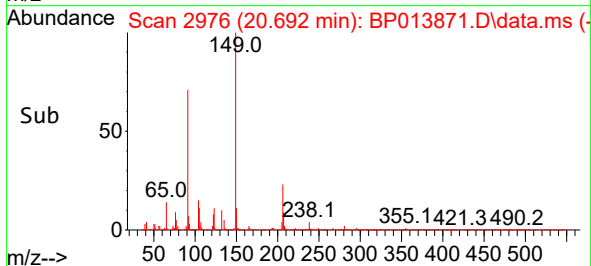
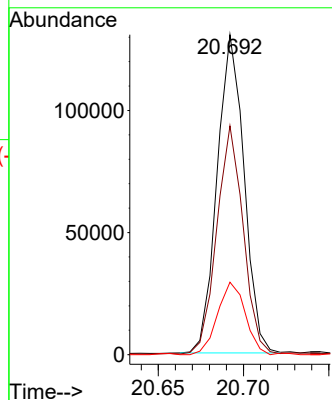
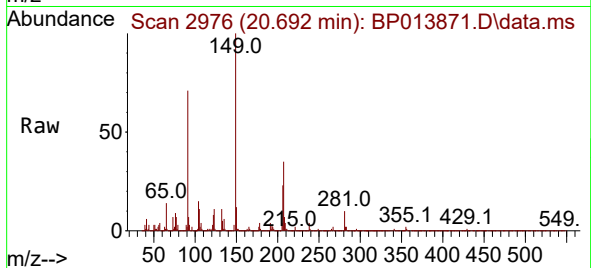
Tgt Ion:149 Resp: 143196

Ion Ratio Lower Upper

149 100

91 71.5 57.7 86.5

206 22.6 16.7 25.1



#84

3,3'-Dichlorobenzidine

Concen: 3.400 ng/ul

RT: 21.474 min Scan# 3109

Delta R.T. -0.006 min

Lab File: BP013871.D

Acq: 22 Feb 2023 11:16

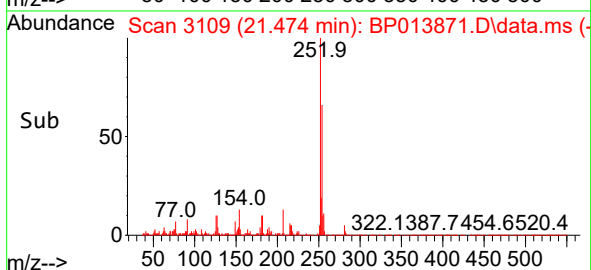
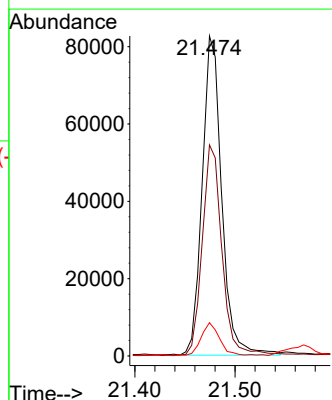
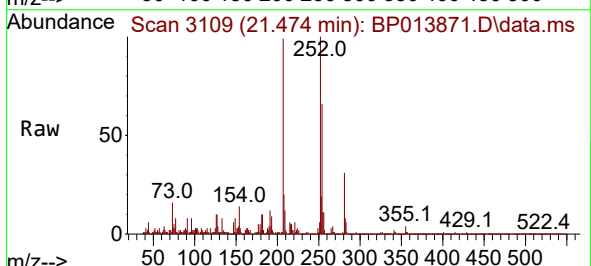
Tgt Ion:252 Resp: 111997

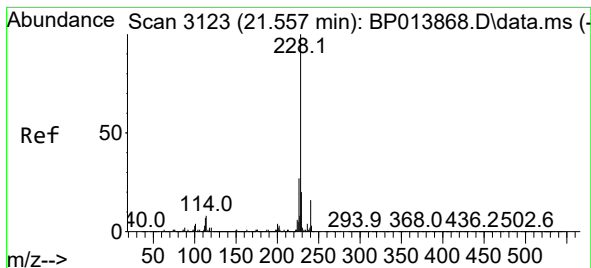
Ion Ratio Lower Upper

252 100

254 66.0 51.8 77.6

126 10.4 7.9 11.9





#85

Benzo(a)anthracene

Concen: 4.274 ng/ul

RT: 21.551 min Scan# 3123

Delta R.T. -0.006 min

Lab File: BP013871.D

Acq: 22 Feb 2023 11:16

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-QT1-2023-02

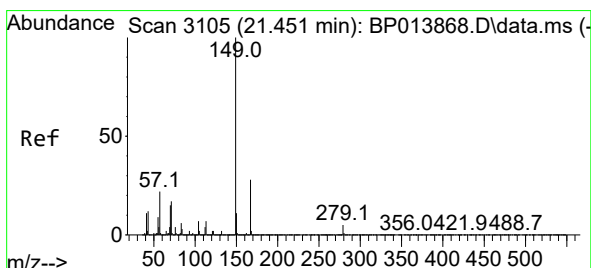
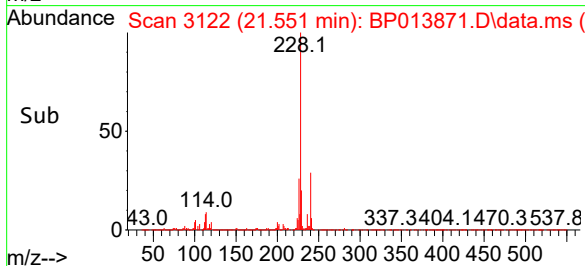
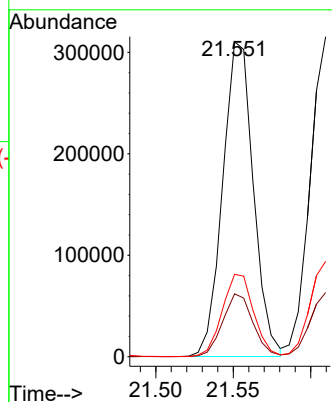
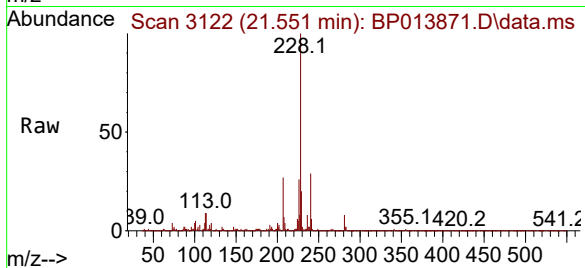
Tgt Ion:228 Resp: 427463

Ion Ratio Lower Upper

228 100

229 20.0 15.4 23.2

226 26.2 21.8 32.6



#86

Bis(2-ethylhexyl)phthalate

Concen: 4.343 ng/ul

RT: 21.451 min Scan# 3105

Delta R.T. -0.000 min

Lab File: BP013871.D

Acq: 22 Feb 2023 11:16

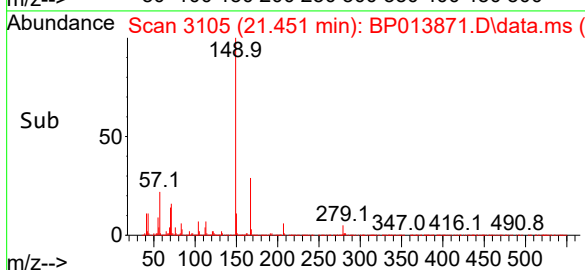
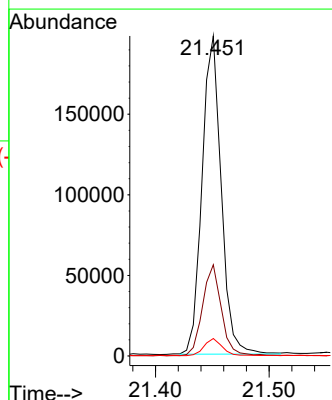
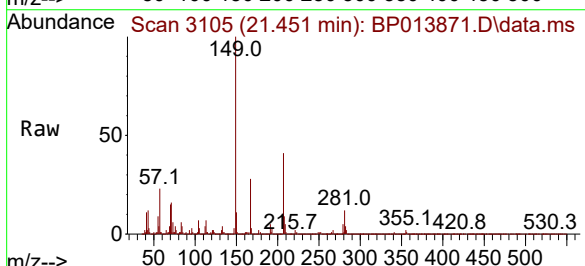
Tgt Ion:149 Resp: 230585

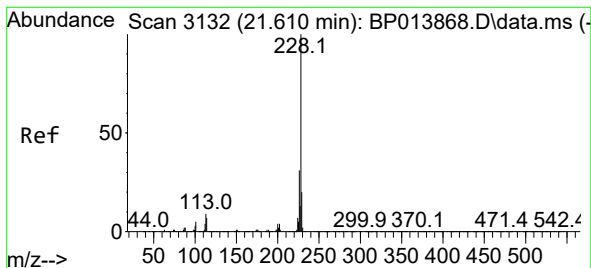
Ion Ratio Lower Upper

149 100

167 28.5 21.5 32.3

279 5.4 3.2 4.8#





#87

Chrysene

Concen: 4.334 ng/ul

RT: 21.610 min Scan# 3132

Delta R.T. -0.006 min

Lab File: BP013871.D

Acq: 22 Feb 2023 11:16

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-QT1-2023-02

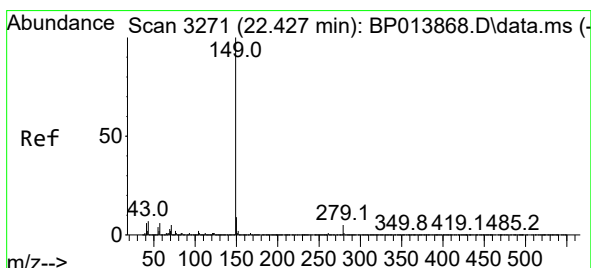
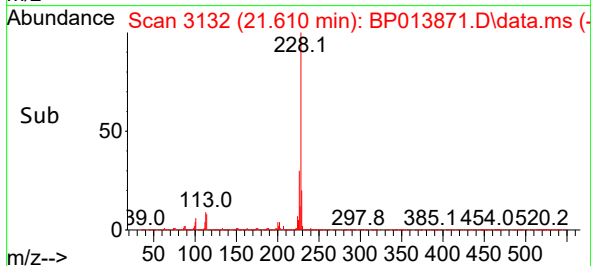
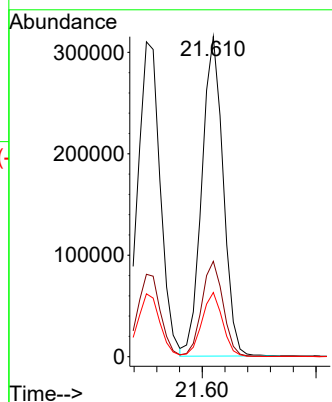
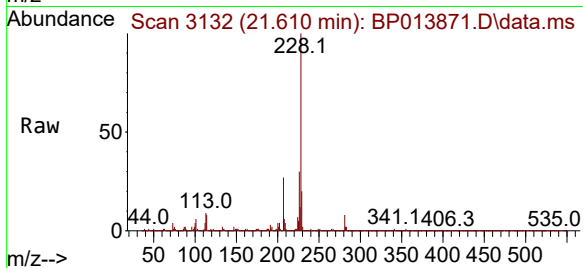
Tgt Ion:228 Resp: 408939

Ion Ratio Lower Upper

228 100

226 29.8 25.0 37.6

229 20.1 16.4 24.6



#89

Di-n-octyl phthalate

Concen: 3.703 ng/ul

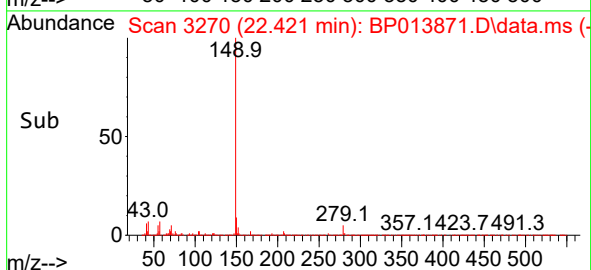
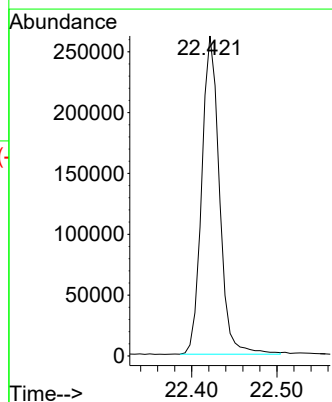
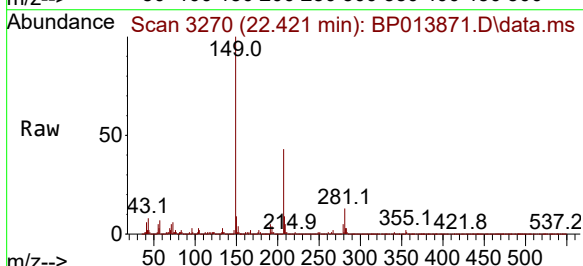
RT: 22.421 min Scan# 3270

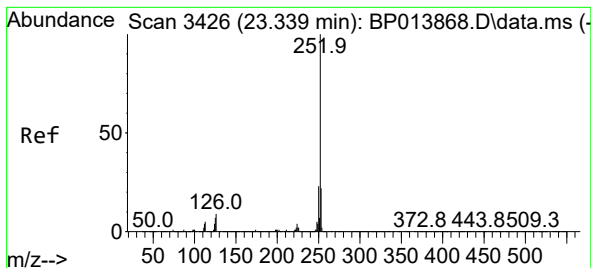
Delta R.T. -0.006 min

Lab File: BP013871.D

Acq: 22 Feb 2023 11:16

Tgt Ion:149 Resp: 376995





#90

Benzo(b)fluoranthene

Concen: 4.228 ng/ul

RT: 23.333 min Scan# 3426

Delta R.T. -0.006 min

Lab File: BP013871.D

Acq: 22 Feb 2023 11:16

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-QT1-2023-02

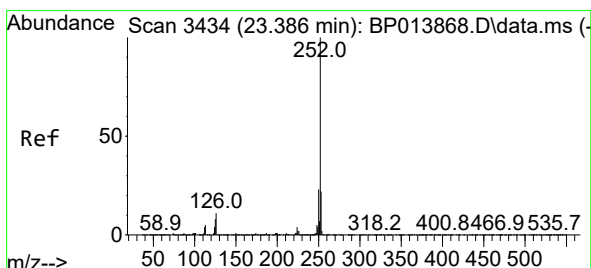
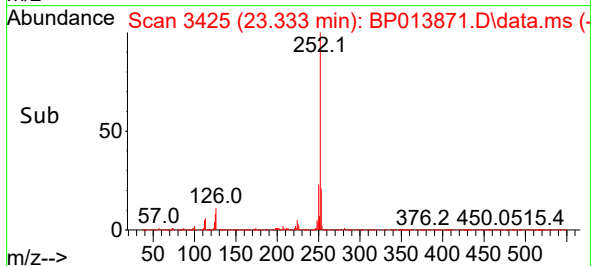
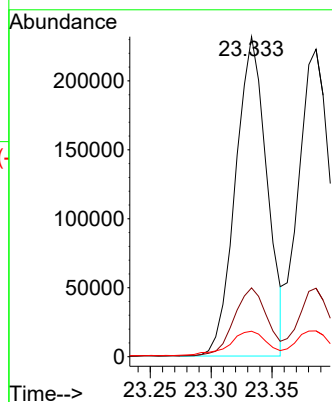
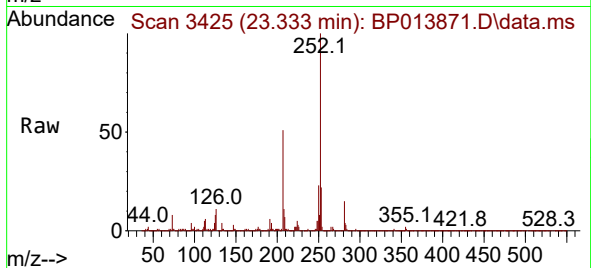
Tgt Ion:252 Resp: 417197

Ion Ratio Lower Upper

252 100

253 21.5 17.5 26.3

125 8.0 7.8 11.6



#91

Benzo(k)fluoranthene

Concen: 4.174 ng/ul

RT: 23.386 min Scan# 3434

Delta R.T. -0.006 min

Lab File: BP013871.D

Acq: 22 Feb 2023 11:16

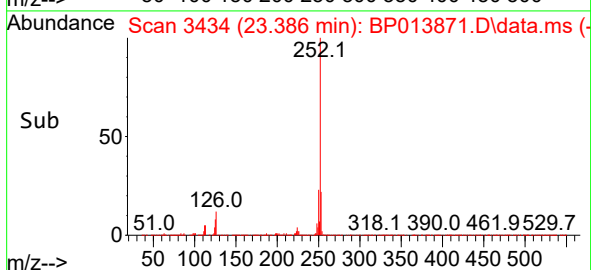
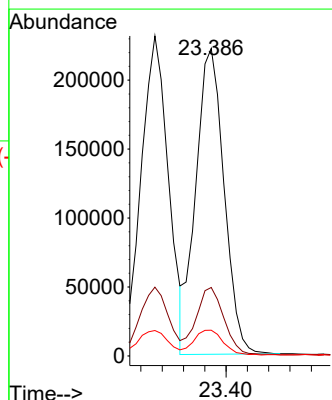
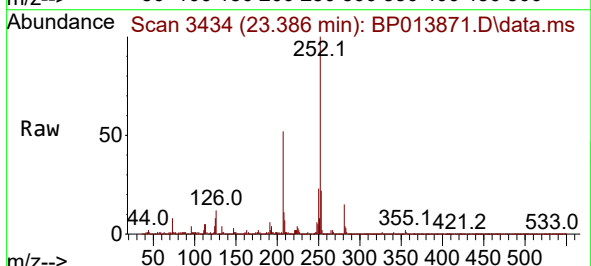
Tgt Ion:252 Resp: 408554

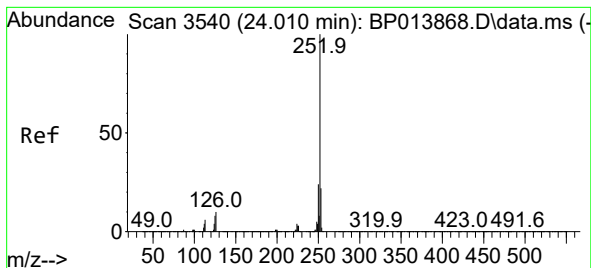
Ion Ratio Lower Upper

252 100

253 22.3 17.1 25.7

125 8.4 7.2 10.8





#93

Benzo(a)pyrene

Concen: 4.337 ng/ul

RT: 24.004 min Scan# 3

Delta R.T. -0.012 min

Lab File: BP013871.D

Acq: 22 Feb 2023 11:16

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-QT1-2023-02

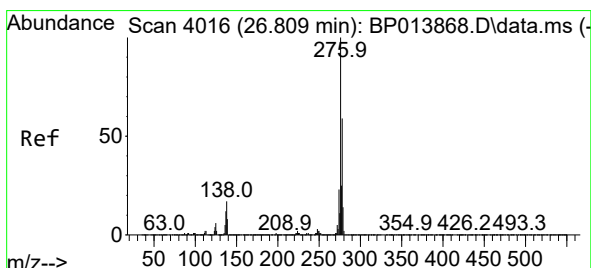
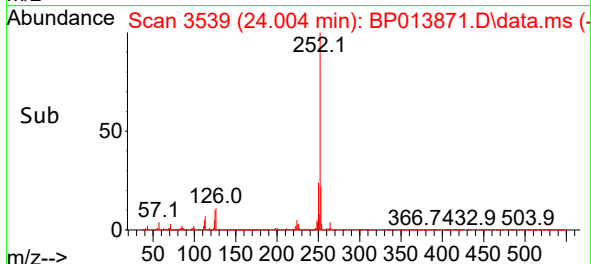
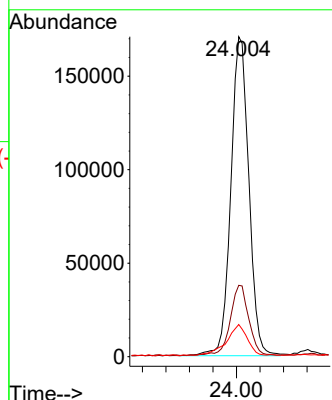
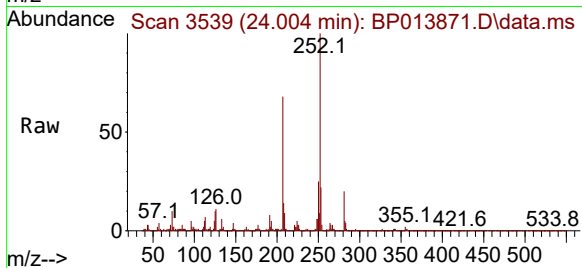
Tgt Ion:252 Resp: 362649

Ion Ratio Lower Upper

252 100

253 22.3 17.4 26.0

125 10.0 8.2 12.2



#94

Indeno(1,2,3-cd)pyrene

Concen: 4.784 ng/ul

RT: 26.804 min Scan# 4015

Delta R.T. -0.018 min

Lab File: BP013871.D

Acq: 22 Feb 2023 11:16

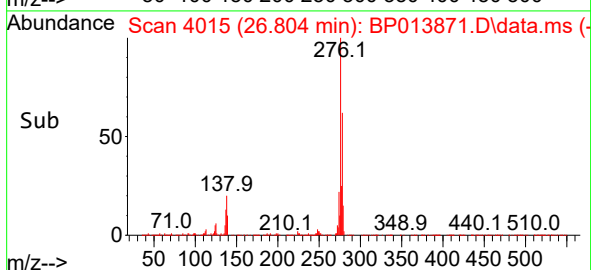
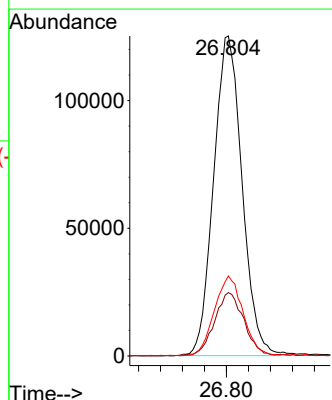
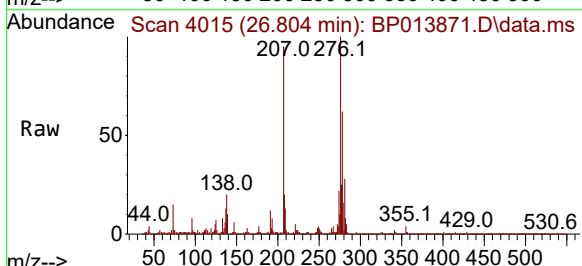
Tgt Ion:276 Resp: 448701

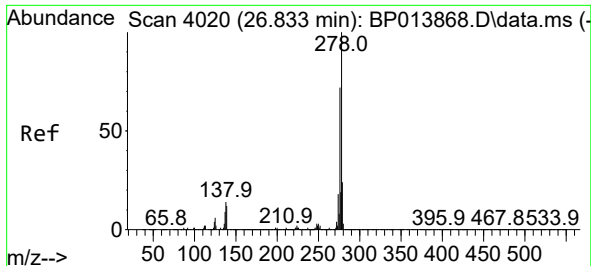
Ion Ratio Lower Upper

276 100

138 19.8 18.4 27.6

277 25.0 19.7 29.5

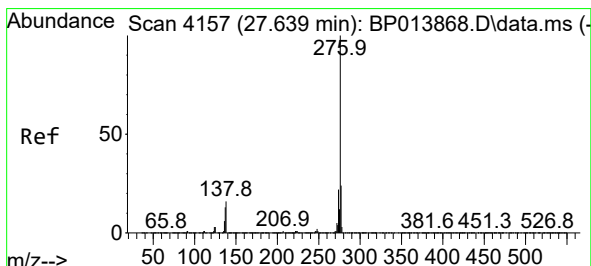
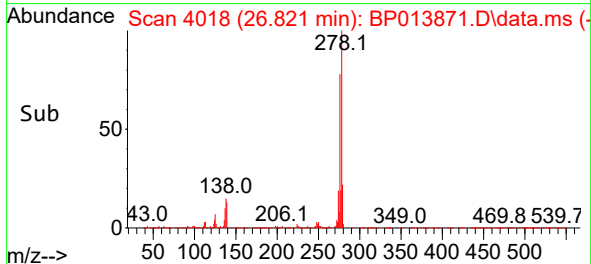
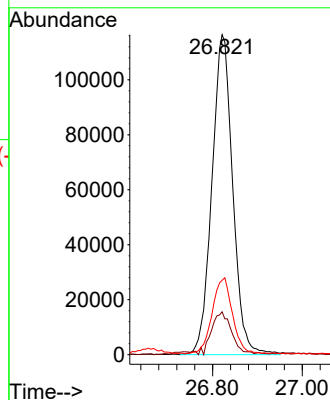
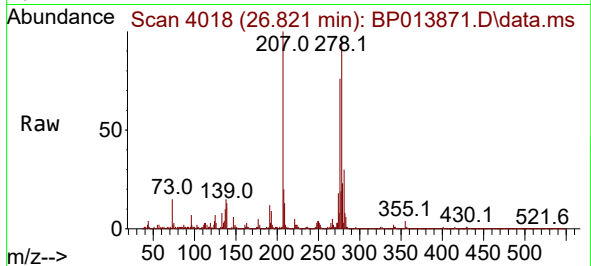




#95
Dibenzo(a,h)anthracene
Concen: 4.787 ng/ul
RT: 26.821 min Scan# 4018
Delta R.T. -0.018 min
Lab File: BP013871.D
Acq: 22 Feb 2023 11:16

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT1-2023-02

Tgt Ion:278 Resp: 375050
Ion Ratio Lower Upper
278 100
139 13.4 12.0 18.0
279 23.2 18.9 28.3



#96
Benzo(g,h,i)perylene
Concen: 4.824 ng/ul
RT: 27.633 min Scan# 4156
Delta R.T. -0.024 min
Lab File: BP013871.D
Acq: 22 Feb 2023 11:16

Tgt Ion:276 Resp: 360256
Ion Ratio Lower Upper
276 100
138 17.4 15.9 23.9
277 25.5 19.0 28.6

