

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP123022\
 Data File : BP013371.D
 Acq On : 30 Dec 2022 14:32
 Operator : CG/JU
 Sample : N5388-05
 Misc : SFAM-MDL-MES-01-4NG
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MDL-MED-SOIL-QT4-2022-07

Quant Time: Dec 30 23:37:56 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 28 00:16:35 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.928	152	467448	20.000	ng/ul	0.00
20) Naphthalene-d8	10.740	136	2071629	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.569	164	1498948	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.328	188	3515831	20.000	ng/ul	0.00
79) Chrysene-d12	21.416	240	3300654	20.000	ng/ul	0.00
88) Perylene-d12	23.880	264	2964307	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.323	96	54496	4.985	ng/uL	0.00
4) Pyridine-d5	3.746	84	559362	18.011	ng/ul	0.00
7) Phenol-d5	7.087	99	666575	17.507	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.252	67	457941	19.938	ng/ul	0.00
11) 2-Chlorophenol-d4	7.458	132	538759	17.975	ng/ul	0.00
15) 4-Methylphenol-d8	8.640	113	559535	17.935	ng/ul	0.00
21) Nitrobenzene-d5	9.099	128	271115	17.812	ng/ul	0.00
24) 2-Nitrophenol-d4	9.822	143	300925	17.561	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.357	165	579702	17.417	ng/ul	0.00
31) 4-Chloroaniline-d4	10.881	131	823289	17.521	ng/ul	0.00
46) Dimethylphthalate-d6	13.981	166	2102081	18.247	ng/ul	0.00
49) Acenaphthylene-d8	14.263	160	2249679	17.772	ng/ul	0.00
54) 4-Nitrophenol-d4	14.769	143	304337	14.686	ng/ul	-0.01
60) Fluorene-d10	15.563	176	1835593	18.834	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.687	200	322982	14.275	ng/ul	0.00
73) Anthracene-d10	17.428	188	2903902	18.308	ng/ul	0.00
81) Pyrene-d10	19.663	212	3527395	18.618	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.721	264	2691821	18.218	ng/ul	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.358	88	13778	1.207	ng/uL#	89
5) Pyridine	3.770	79	113022	3.662	ng/ul#	53
6) Benzaldehyde	7.064	77	92034	6.173	ng/ul	94
8) Phenol	7.116	94	136699	3.551	ng/ul	94
10) Bis(2-Chloroethyl)ether	7.346	93	119865	3.794	ng/ul	92
12) 2-Chlorophenol	7.487	128	109172	3.552	ng/ul#	92
13) 2-Methylphenol	8.375	108	93699	3.122	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.458	45	192225	4.433	ng/ul#	96
16) Acetophenone	8.758	105	184955	3.866	ng/ul#	94
17) N-Nitroso-di-n-propyla...	8.740	70	93088	3.870	ng/ul	91
18) 4-Methylphenol	8.699	108	114195	3.435	ng/ul	97
19) Hexachloroethane	9.010	117	44296	3.606	ng/ul	99
22) Nitrobenzene	9.134	77	139007	3.892	ng/ul	90
23) Isophorone	9.663	82	243303	3.369	ng/ul	97
25) 2-Nitrophenol	9.852	139	63038	3.395	ng/ul	91
26) 2,4-Dimethylphenol	9.910	107	127114	3.509	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.146	93	170621	3.695	ng/ul	99
29) 2,4-Dichlorophenol	10.381	162	118069	3.621	ng/ul	96
30) Naphthalene	10.793	128	397433	3.668	ng/ul	99
32) 4-Chloroaniline	10.904	127	163653	3.520	ng/ul	97
33) Hexachlorobutadiene	11.069	225	86994	3.886	ng/ul	97
34) Caprolactam	11.704	113	27682	2.490	ng/ul	94
35) 4-Chloro-3-methylphenol	12.022	107	109129	3.280	ng/ul	96
36) 2-Methylnaphthalene	12.399	142	270262	3.636	ng/ul	99

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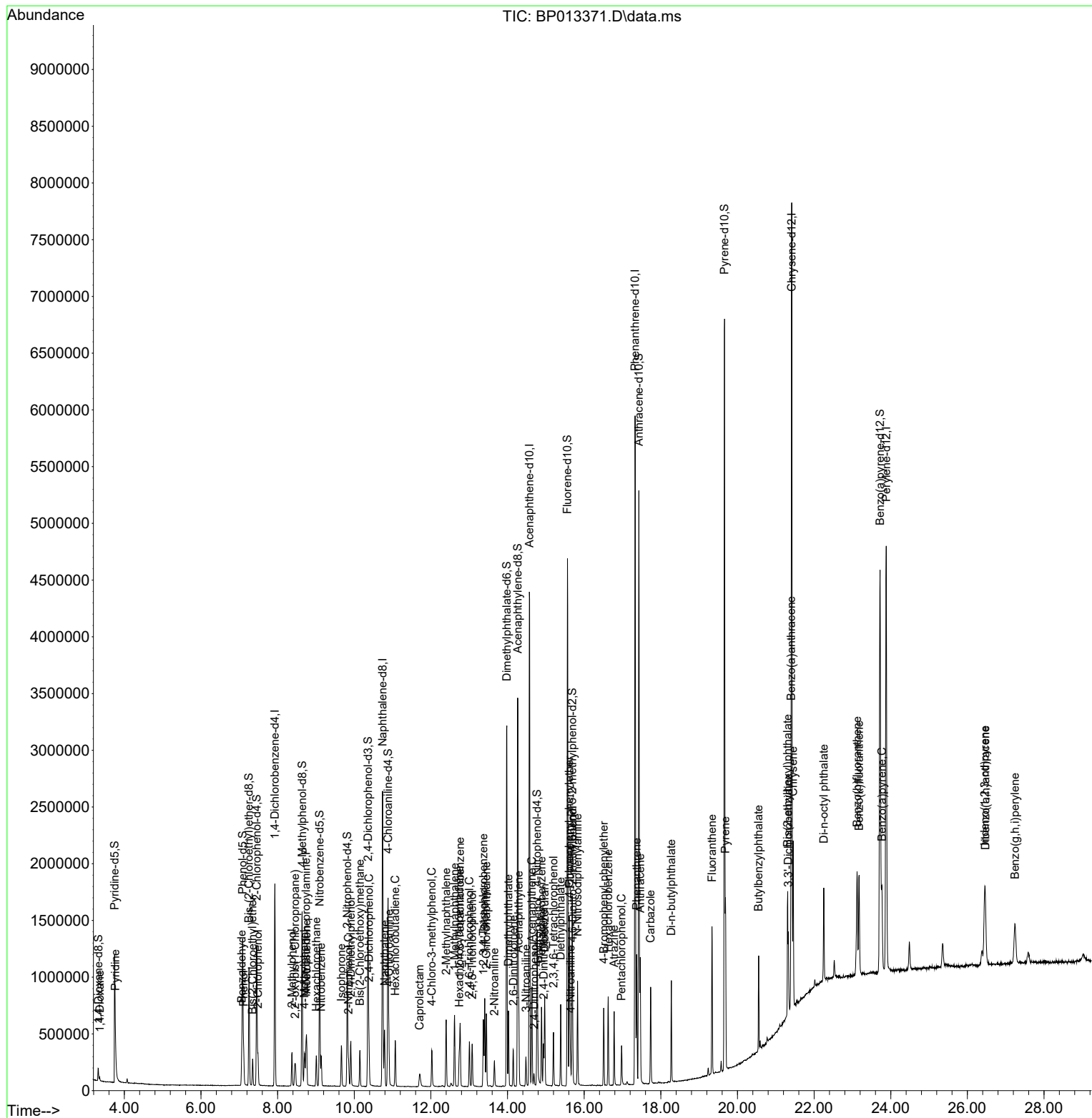
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.616	142	279833	3.661	ng/ul#	100
39) 1,2,4,5-Tetrachloroben...	12.763	216	176773	3.662	ng/ul	97
40) Hexachlorocyclopentadiene	12.740	237	70754	2.253	ng/ul	98
41) 2,4,6-Trichlorophenol	13.004	196	92763	2.990	ng/ul	97
42) 2,4,5-Trichlorophenol	13.075	196	103754	3.114	ng/ul	99
43) 1,1'-Biphenyl	13.404	154	393910	3.499	ng/ul	98
44) 2-Chloronaphthalene	13.446	162	310250	3.502	ng/ul	98
45) 2-Nitroaniline	13.657	65	65853	3.066	ng/ul	93
47) Dimethylphthalate	14.022	163	411538	3.604	ng/ul	99
48) 2,6-Dinitrotoluene	14.151	165	59026	2.782	ng/ul	87
50) Acenaphthylene	14.293	152	475067	3.491	ng/ul	98
51) 3-Nitroaniline	14.481	138	56573	2.823	ng/ul	89
52) Acenaphthene	14.634	153	337850	3.582	ng/ul	100
53) 2,4-Dinitrophenol	14.693	184	23130	1.595	ng/ul	91
55) 4-Nitrophenol	14.787	109	48033	3.397	ng/ul	83
56) Dibenzofuran	14.969	168	492865	3.676	ng/ul	100
57) 2,4-Dinitrotoluene	14.940	165	94169	3.055	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.198	232	96473	3.173	ng/ul	96
59) Diethylphthalate	15.387	149	373534	3.365	ng/ul	99
61) Fluorene	15.622	166	401016	3.729	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.610	204	219739	3.864	ng/ul	98
63) 4-Nitroaniline	15.645	138	61731	3.501	ng/ul	91
66) 4,6-Dinitro-2-methylph...	15.698	198	66213	2.995	ng/ul#	76
67) N-Nitrosodiphenylamine	15.828	169	329420	3.380	ng/ul	100
68) 4-Bromophenyl-phenylether	16.510	248	129897	3.402	ng/ul	99
69) Hexachlorobenzene	16.628	284	160364	3.537	ng/ul	97
70) Atrazine	16.781	200	111377	2.932	ng/ul	99
71) Pentachlorophenol	16.975	266	65771	2.396	ng/ul	92
72) Phenanthrene	17.369	178	659217	3.600	ng/ul	99
74) Anthracene	17.463	178	656598	3.591	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.369	216	178140	3.551	ng/ul	98
76) Pentachlorobenzene	14.887	250	176834	3.458	ng/ul	99
77) Carbazole	17.734	167	524063	3.403	ng/ul	99
78) Di-n-butylphthalate	18.275	149	548962	2.928	ng/ul	99
80) Fluoranthene	19.333	202	764881	3.557	ng/ul	99
82) Pyrene	19.686	202	839670	3.785	ng/ul	100
83) Butylbenzylphthalate	20.551	149	223636	2.610	ng/ul	92
84) 3,3'-Dichlorobenzidine	21.327	252	201825	2.707	ng/ul	99
85) Benzo(a)anthracene	21.398	228	777913	3.550	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.310	149	321616	2.661	ng/ul	100
87) Chrysene	21.451	228	754127	3.639	ng/ul	99
89) Di-n-octyl phthalate	22.251	149	493423	2.971	ng/ul	100
90) Benzo(b)fluoranthene	23.121	252	673229	3.562	ng/ul	100
91) Benzo(k)fluoranthene	23.174	252	676972	3.612	ng/ul	100
93) Benzo(a)pyrene	23.769	252	579394	3.520	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.451	276	615263	3.001	ng/ul	99
95) Dibenzo(a,h)anthracene	26.468	278	514358	3.030	ng/ul	99
96) Benzo(g,h,i)perylene	27.239	276	501192	3.045	ng/ul	97

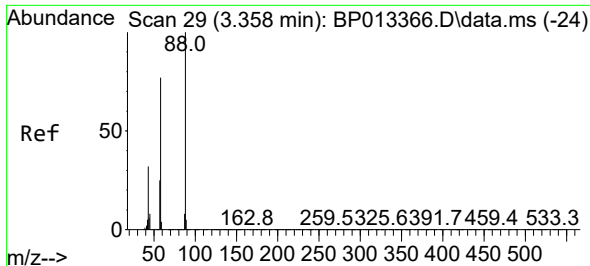
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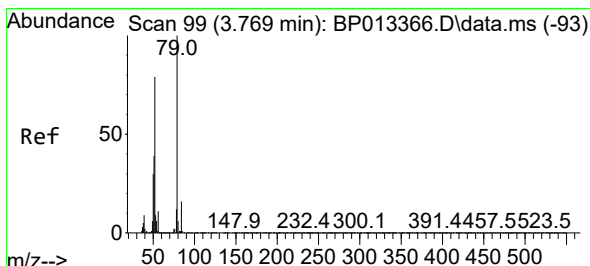
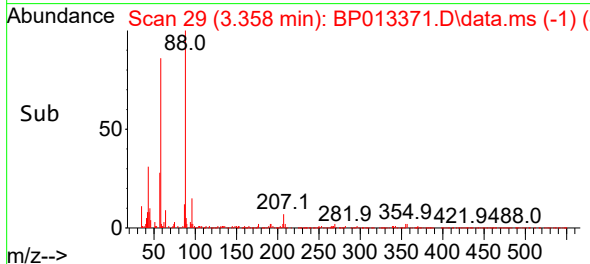
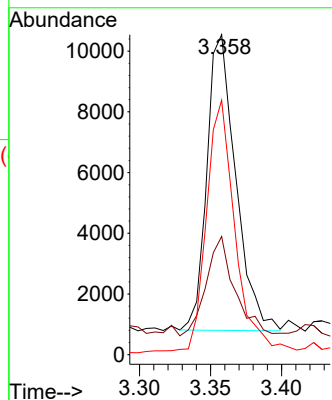
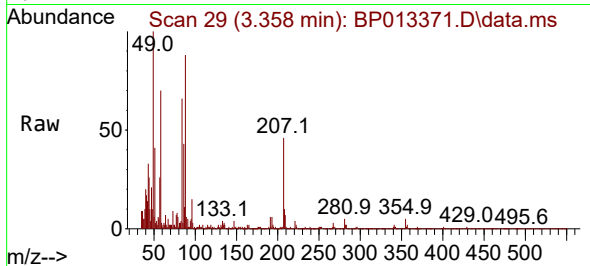




#2
1,4-Dioxane
Concen: 1.207 ng/uL
RT: 3.358 min Scan# 29
Delta R.T. 0.000 min
Lab File: BP013371.D
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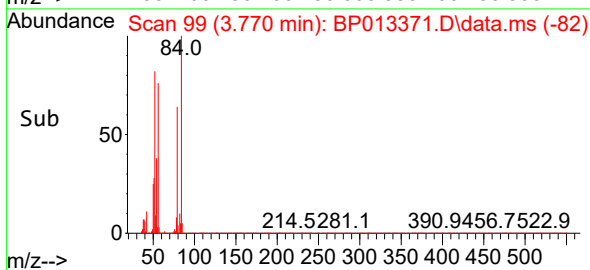
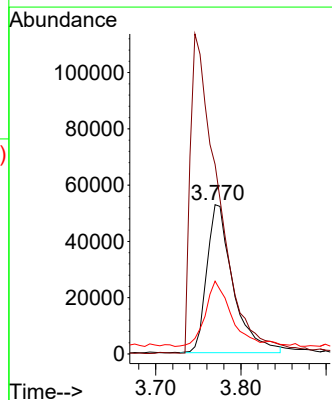
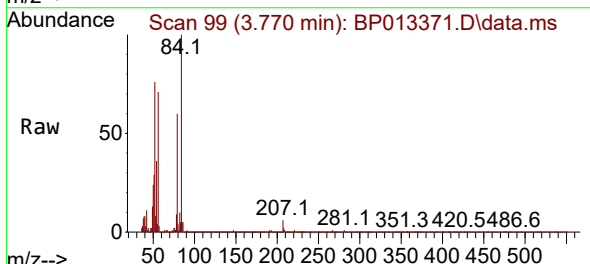
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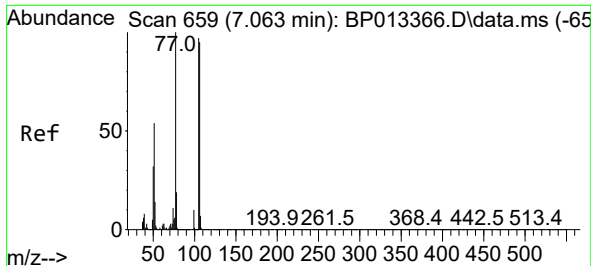
Tgt Ion: 88 Resp: 13778
Ion Ratio Lower Upper
88 100
43 36.9 22.4 33.6#
58 79.6 58.2 87.4



#5
Pyridine
Concen: 3.662 ng/uL
RT: 3.770 min Scan# 99
Delta R.T. 0.000 min
Lab File: BP013371.D
Acq: 30 Dec 2022 14:32

Tgt Ion: 79 Resp: 113022
Ion Ratio Lower Upper
79 100
52 127.0 60.7 91.1#
51 48.8 28.9 43.3#

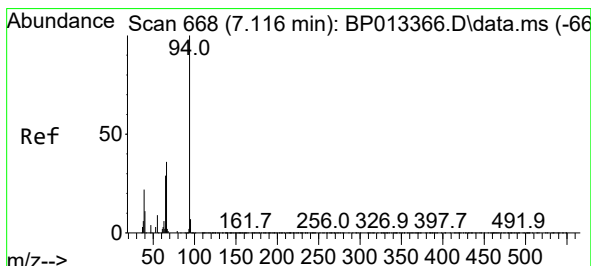
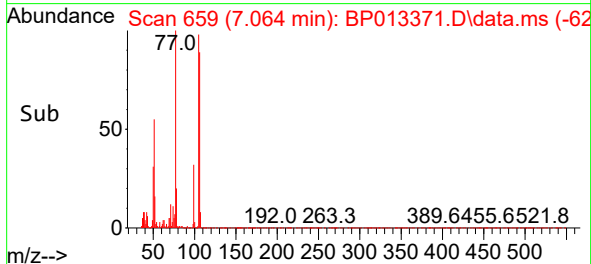
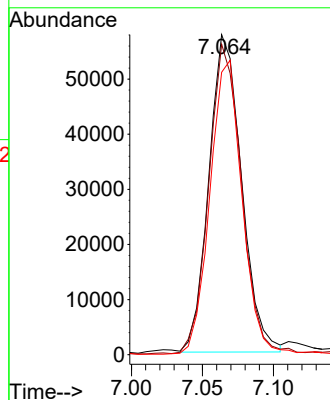
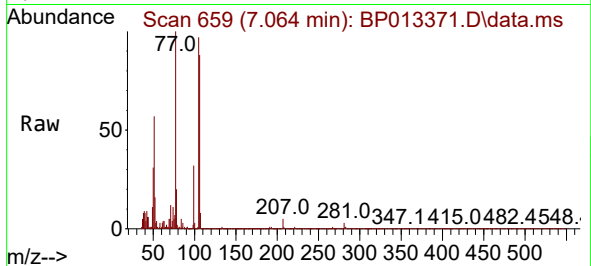




#6
Benzaldehyde
Concen: 6.173 ng/ul
RT: 7.064 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP013371.D
Acq: 30 Dec 2022 14:32

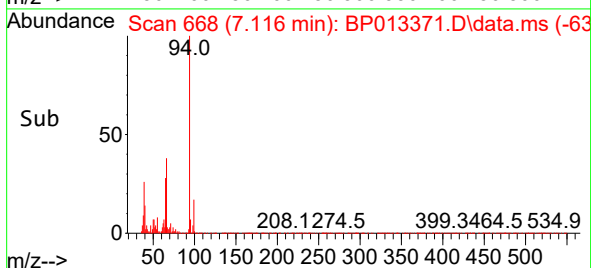
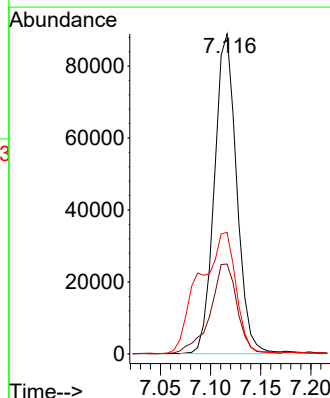
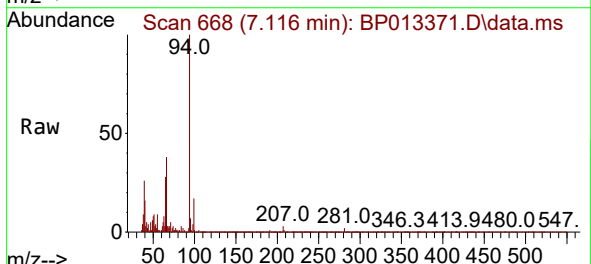
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BNA_P
ClientSampleId :
MDL-MED-SOIL-QT4-2022-07

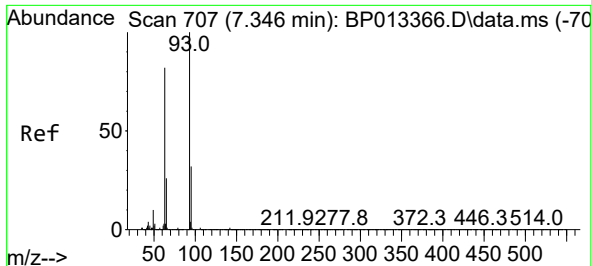
Tgt Ion: 77 Resp: 92034
Ion Ratio Lower Upper
77 100
105 97.0 81.5 122.3
106 88.3 76.9 115.3



#8
Phenol
Concen: 3.551 ng/ul
RT: 7.116 min Scan# 668
Delta R.T. -0.006 min
Lab File: BP013371.D
Acq: 30 Dec 2022 14:32

Tgt Ion: 94 Resp: 136699
Ion Ratio Lower Upper
94 100
65 28.1 21.1 31.7
66 38.0 27.0 40.6

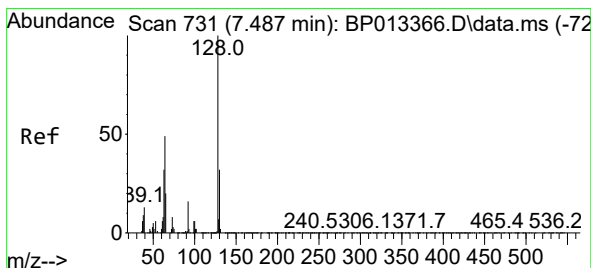
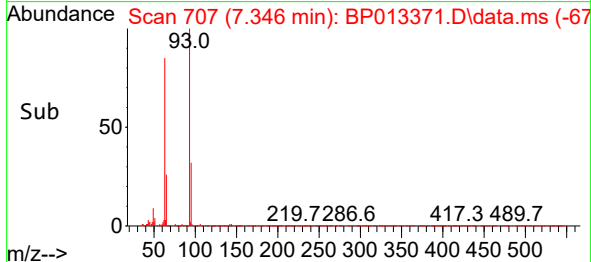
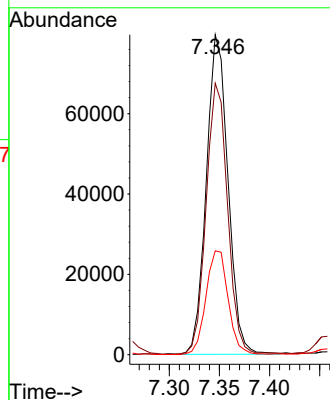
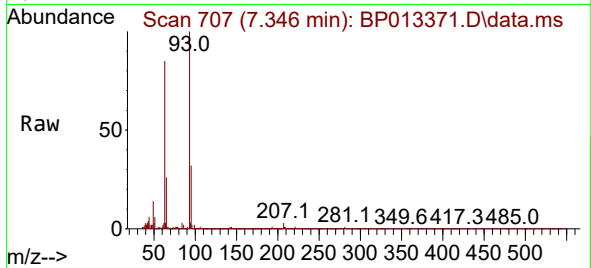




#10
Bis(2-Chloroethyl)ether
Concen: 3.794 ng/ul
RT: 7.346 min Scan# 707
Delta R.T. -0.006 min
Lab File: BP013371.D
Acq: 30 Dec 2022 14:32

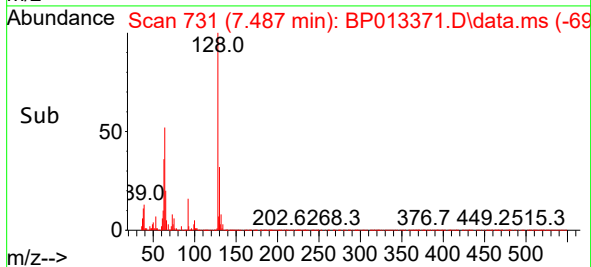
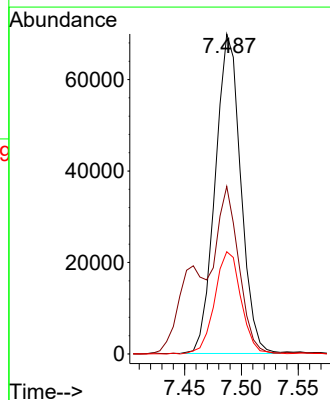
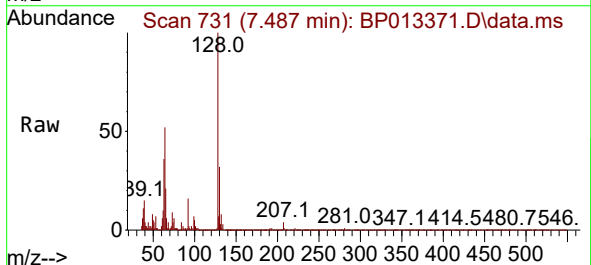
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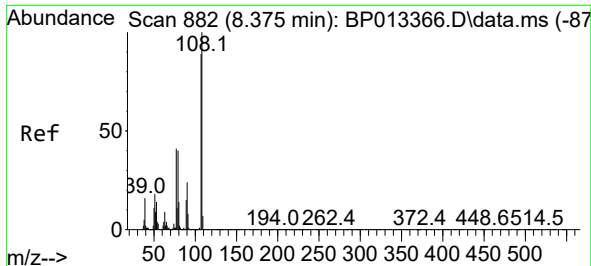
Tgt Ion: 93 Resp: 119865
Ion Ratio Lower Upper
93 100
63 84.8 59.8 89.8
95 32.4 26.4 39.6



#12
2-Chlorophenol
Concen: 3.552 ng/ul
RT: 7.487 min Scan# 731
Delta R.T. -0.006 min
Lab File: BP013371.D
Acq: 30 Dec 2022 14:32

Tgt Ion:128 Resp: 109172
Ion Ratio Lower Upper
128 100
64 52.4 34.9 52.3#
130 32.0 25.8 38.6





#13

2-Methylphenol

Concen: 3.122 ng/ul

RT: 8.375 min Scan# 882

Delta R.T. -0.006 min

Lab File: BP013371.D

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BNA_P

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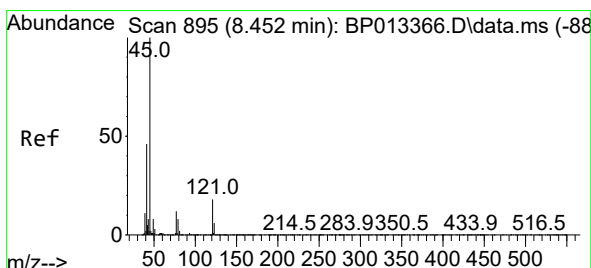
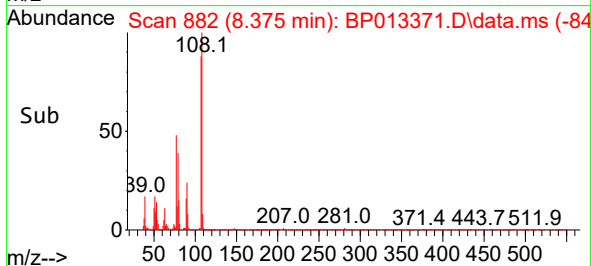
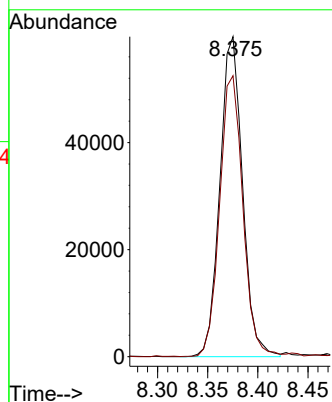
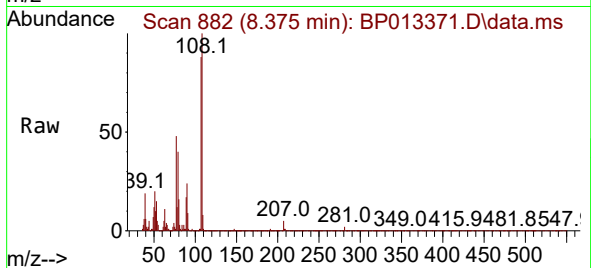
MDL-MED-SOIL-QT4-2022-07

Tgt Ion:108 Resp: 93699

Ion Ratio Lower Upper

108 100

107 87.8 69.1 103.7



#14

2,2'-oxybis(1-Chloropropane)

Concen: 4.433 ng/ul

RT: 8.458 min Scan# 896

Delta R.T. 0.000 min

Lab File: BP013371.D

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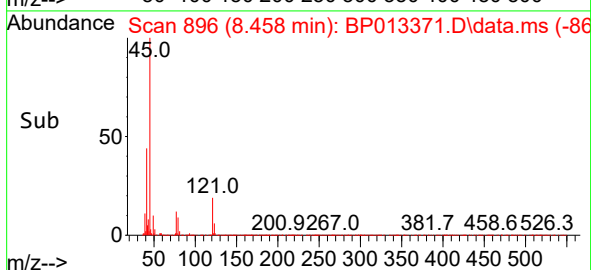
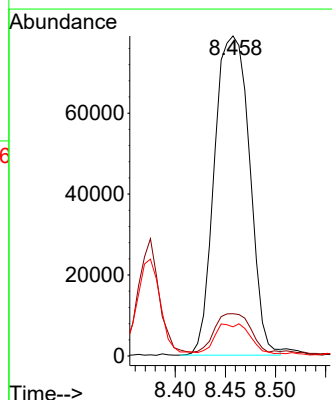
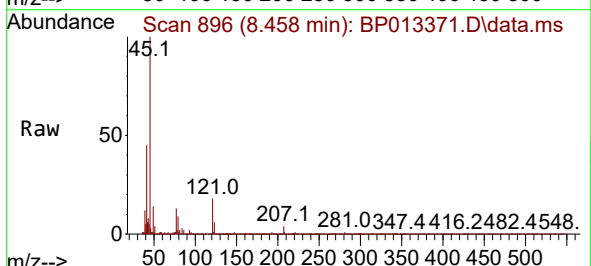
Tgt Ion: 45 Resp: 192225

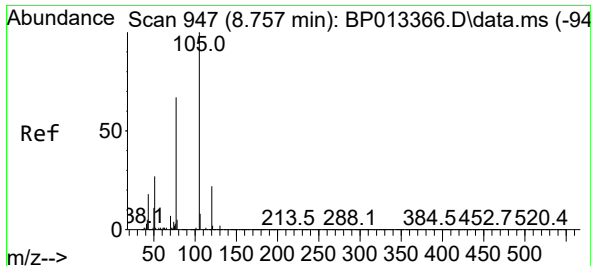
Ion Ratio Lower Upper

45 100

77 13.2 11.0 16.6

79 9.1 9.3 13.9

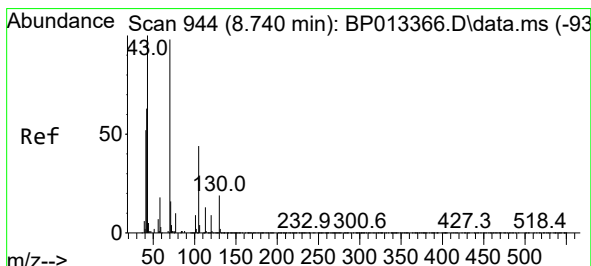
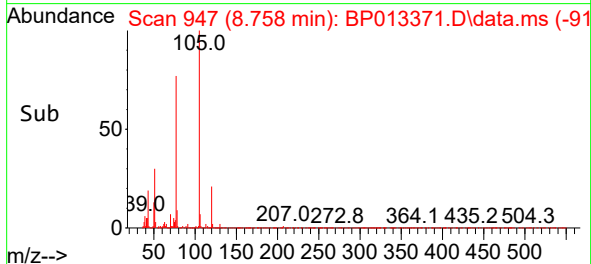
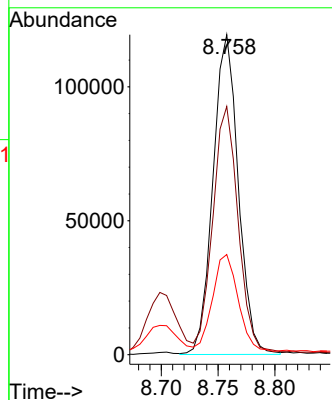
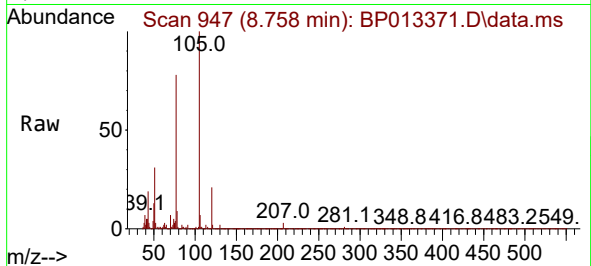




#16
Acetophenone
Concen: 3.866 ng/ul
RT: 8.758 min Scan# 947
Delta R.T. -0.006 min
Lab File: BP013371.D
Acq: 30 Dec 2022 14:32

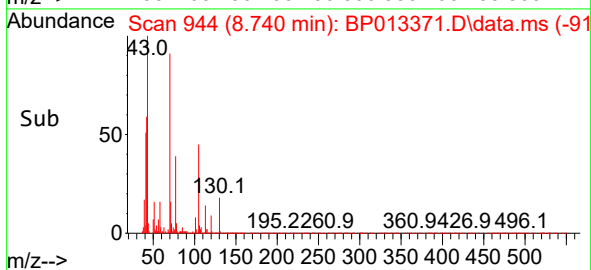
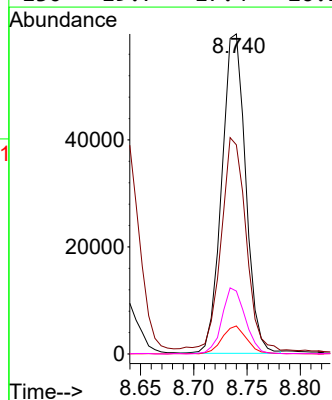
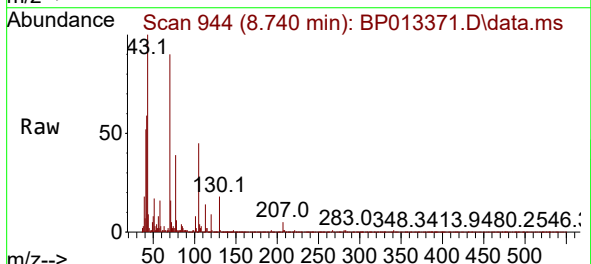
Instrument : BNA_P
ClientSampleId : MDL-MED-SOIL-QT4-2022-07

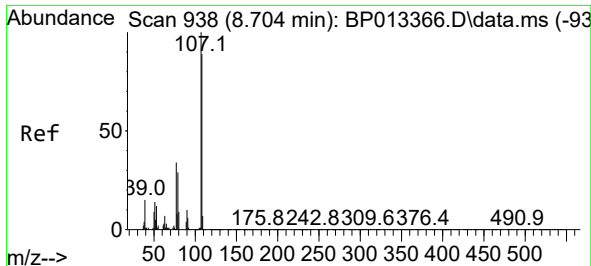
Tgt Ion: 105 Resp: 184955
Ion Ratio Lower Upper
105 100
77 77.6 59.3 88.9
51 31.3 19.6 29.4#



#17
N-Nitroso-di-n-propylamine
Concen: 3.870 ng/ul
RT: 8.740 min Scan# 944
Delta R.T. -0.006 min
Lab File: BP013371.D
Acq: 30 Dec 2022 14:32

Tgt Ion: 70 Resp: 93088
Ion Ratio Lower Upper
70 100
42 65.4 45.5 68.3
101 8.8 7.9 11.9
130 19.7 17.4 26.2

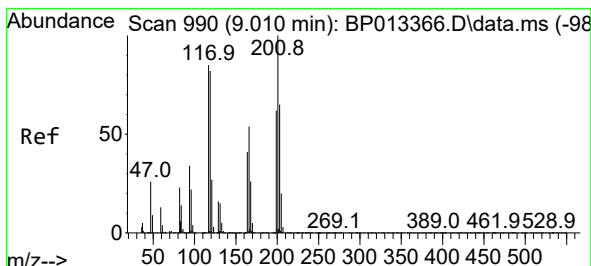
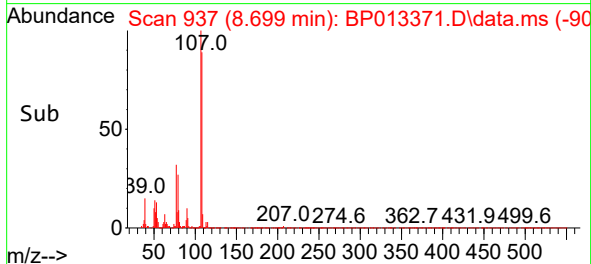
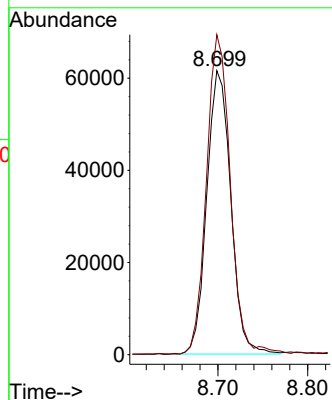
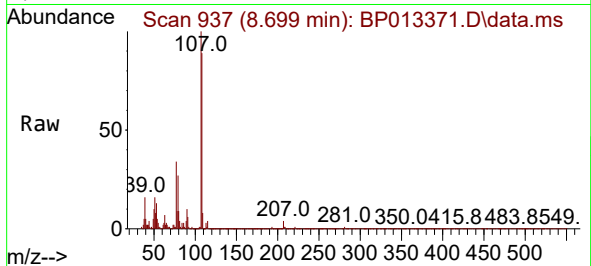




#18
4-Methylphenol
Concen: 3.435 ng/ul
RT: 8.699 min Scan# 911
Delta R.T. -0.012 min
Lab File: BP013371.D
Acq: 30 Dec 2022 14:32

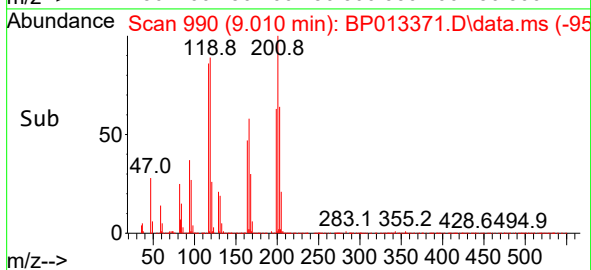
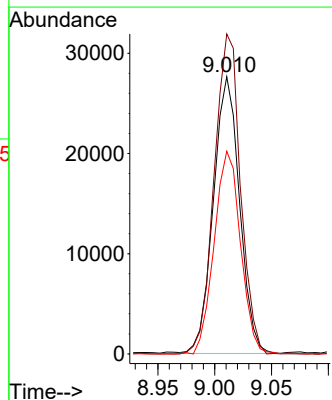
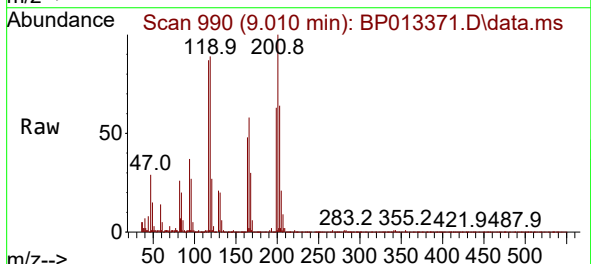
Instrument :
BNA_P
ClientSampleId :
MDL-MED-SOIL-QT4-2022-07

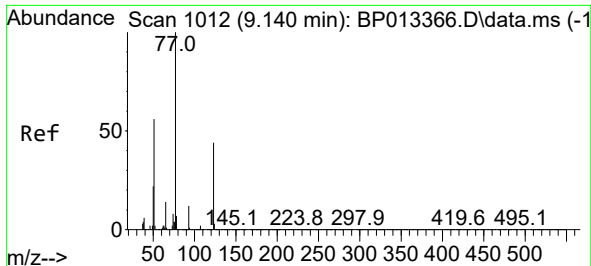
Tgt Ion:108 Resp: 114195
Ion Ratio Lower Upper
108 100
107 112.7 87.4 131.2



#19
Hexachloroethane
Concen: 3.606 ng/ul
RT: 9.010 min Scan# 990
Delta R.T. -0.006 min
Lab File: BP013371.D
Acq: 30 Dec 2022 14:32

Tgt Ion:117 Resp: 44296
Ion Ratio Lower Upper
117 100
201 115.4 93.7 140.5
199 73.1 58.6 88.0

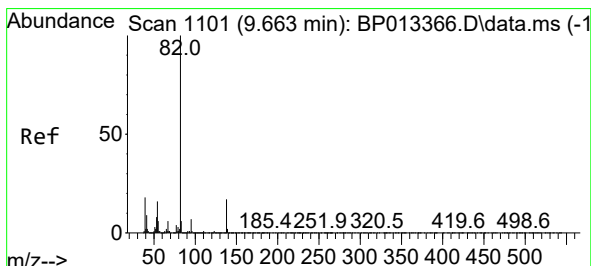
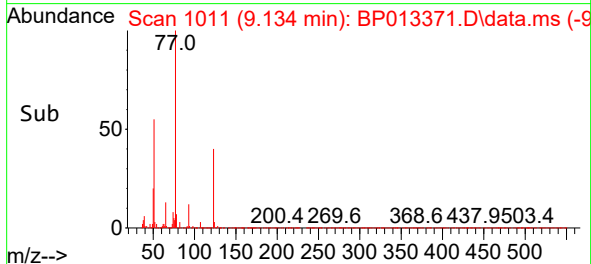
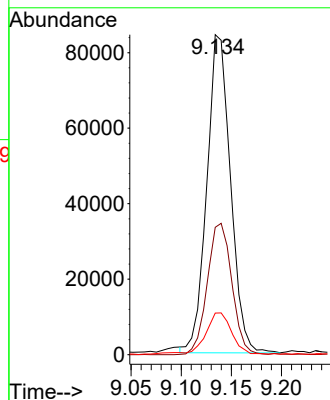
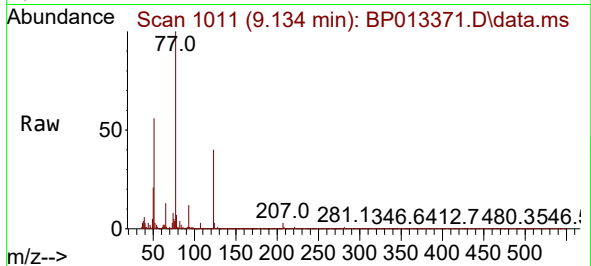




#22
Nitrobenzene
Concen: 3.892 ng/ul
RT: 9.134 min Scan# 1011
Delta R.T. -0.012 min
Lab File: BP013371.D
Acq: 30 Dec 2022 14:32

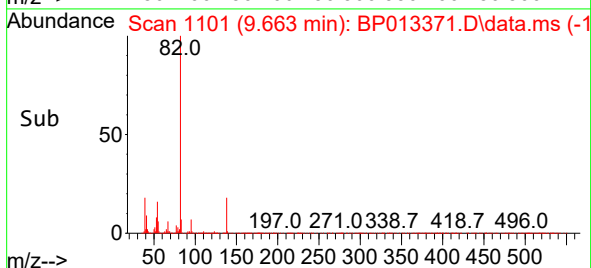
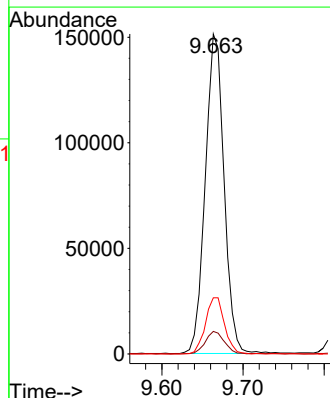
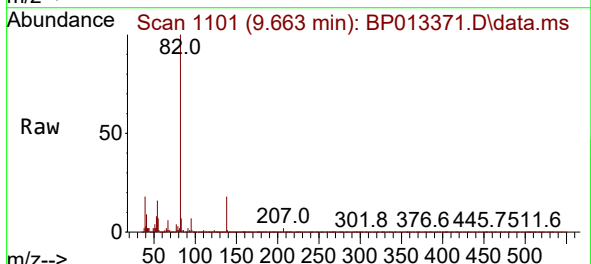
Instrument :
BNA_P
ClientSampleId :
MDL-MED-SOIL-QT4-2022-07

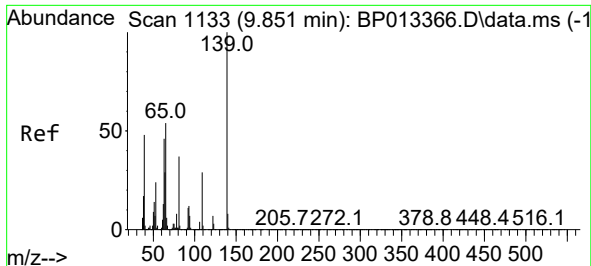
Tgt Ion: 77 Resp: 139007
Ion Ratio Lower Upper
77 100
123 39.8 38.3 57.5
65 13.0 10.3 15.5



#23
Isophorone
Concen: 3.369 ng/ul
RT: 9.663 min Scan# 1101
Delta R.T. -0.006 min
Lab File: BP013371.D
Acq: 30 Dec 2022 14:32

Tgt Ion: 82 Resp: 243303
Ion Ratio Lower Upper
82 100
95 7.1 5.4 8.2
138 17.6 15.3 22.9

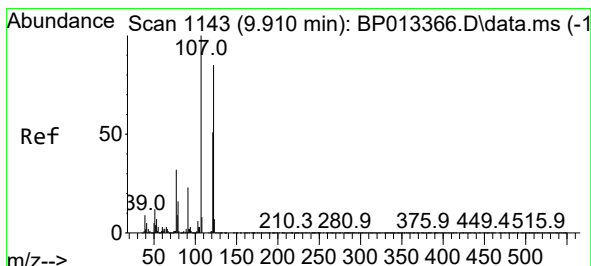
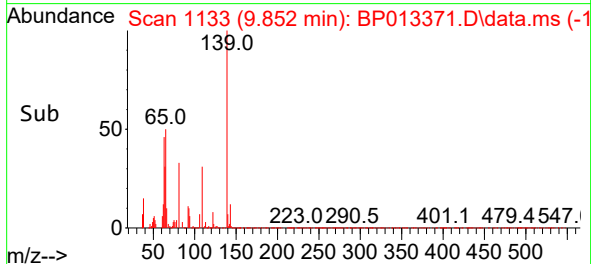
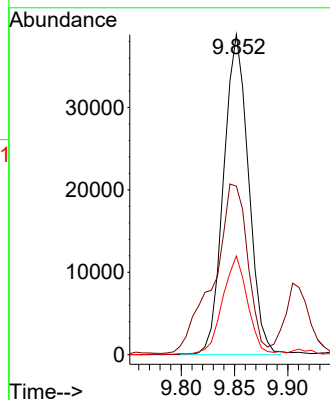
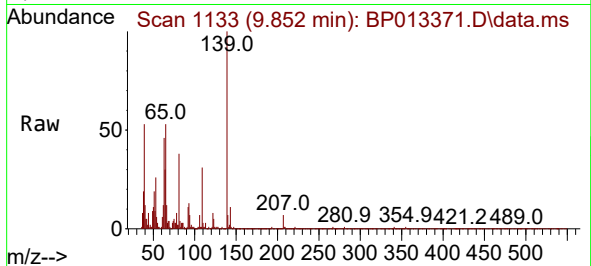




#25
2-Nitrophenol
Concen: 3.395 ng/ul
RT: 9.852 min Scan# 1133
Delta R.T. -0.006 min
Lab File: BP013371.D
Acq: 30 Dec 2022 14:32

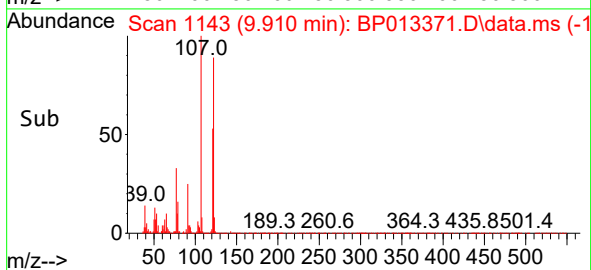
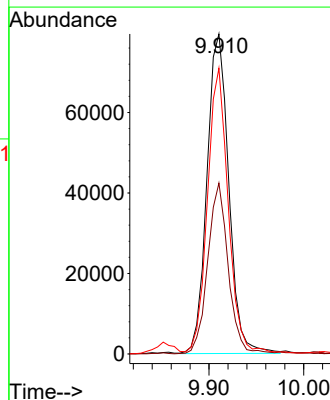
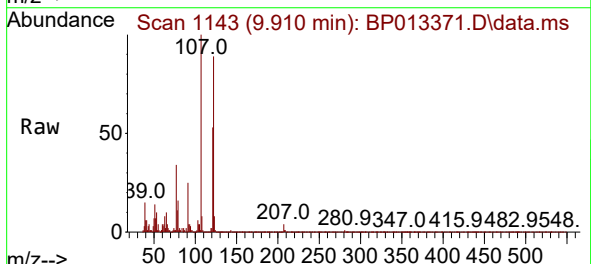
Instrument :
BNA_P
ClientSampleId :
MDL-MED-SOIL-QT4-2022-07

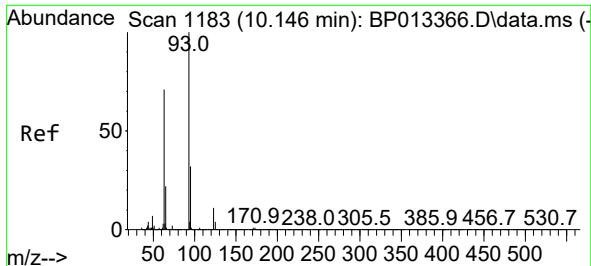
Tgt Ion:139 Resp: 63038
Ion Ratio Lower Upper
139 100
65 52.7 36.6 54.8
109 30.8 21.6 32.4



#26
2,4-Dimethylphenol
Concen: 3.509 ng/ul
RT: 9.910 min Scan# 1143
Delta R.T. -0.006 min
Lab File: BP013371.D
Acq: 30 Dec 2022 14:32

Tgt Ion:107 Resp: 127114
Ion Ratio Lower Upper
107 100
121 53.4 41.8 62.6
122 89.3 72.6 108.8

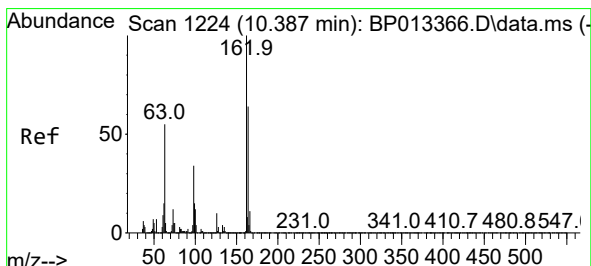
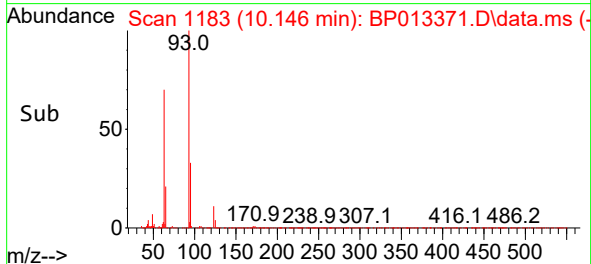
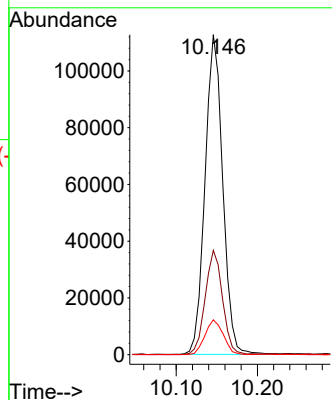
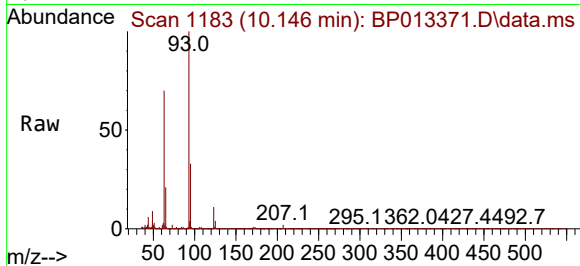




#27
Bis(2-Chloroethoxy)methane
Concen: 3.695 ng/ul
RT: 10.146 min Scan# 1183
Delta R.T. -0.006 min
Lab File: BP013371.D
Acq: 30 Dec 2022 14:32

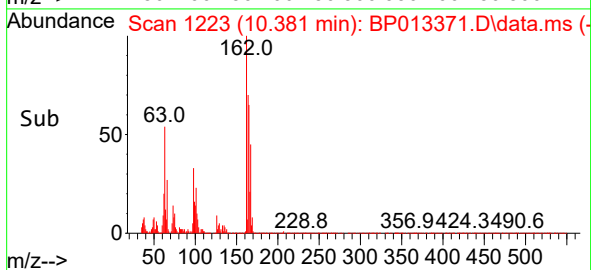
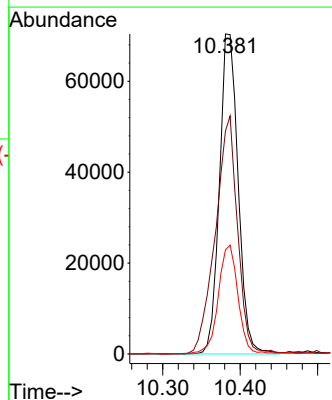
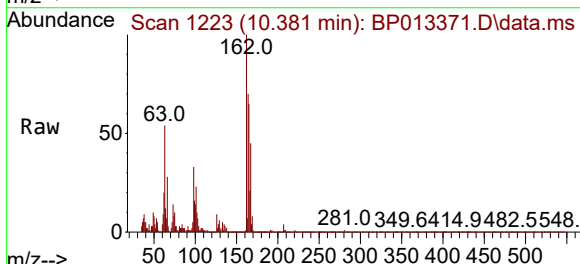
Instrument :
BNA_P
ClientSampleId :
MDL-MED-SOIL-QT4-2022-07

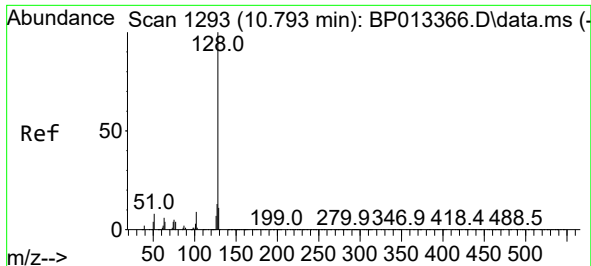
Tgt Ion: 93 Resp: 170621
Ion Ratio Lower Upper
93 100
95 32.6 26.0 39.0
123 10.9 9.2 13.8



#29
2,4-Dichlorophenol
Concen: 3.621 ng/ul
RT: 10.381 min Scan# 1223
Delta R.T. -0.012 min
Lab File: BP013371.D
Acq: 30 Dec 2022 14:32

Tgt Ion:162 Resp: 118069
Ion Ratio Lower Upper
162 100
164 69.7 52.5 78.7
98 32.5 26.6 39.8

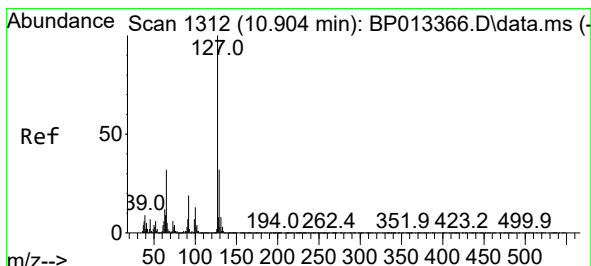
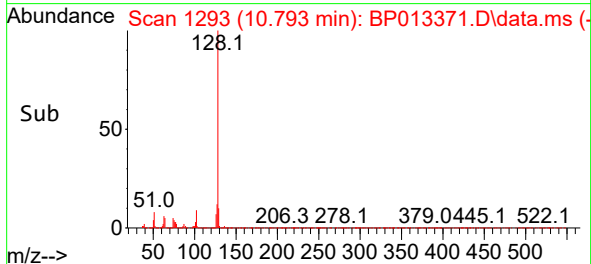
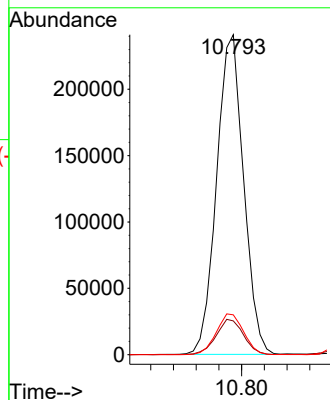
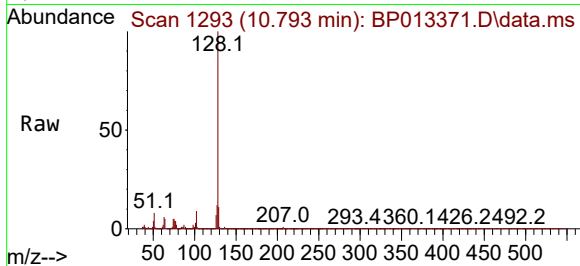




#30
Naphthalene
Concen: 3.668 ng/ul
RT: 10.793 min Scan# 1293
Delta R.T. -0.006 min
Lab File: BP013371.D
Acq: 30 Dec 2022 14:32

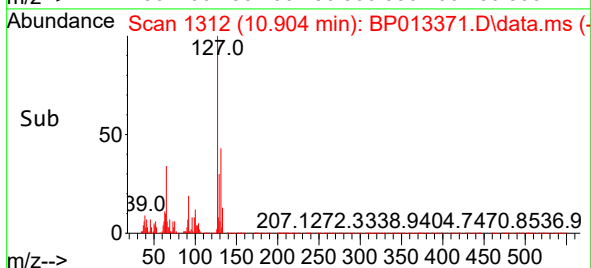
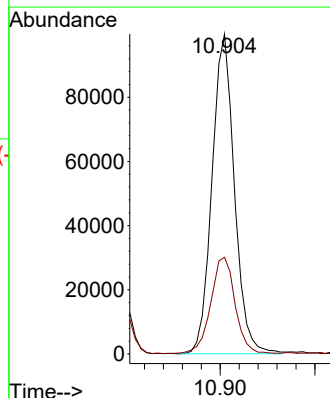
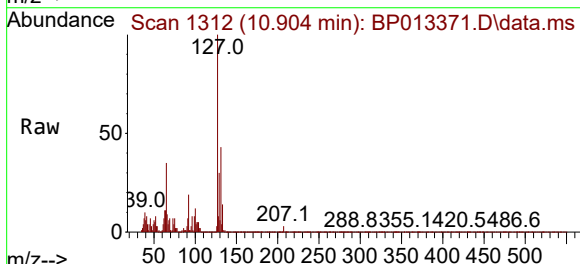
Instrument : BNA_P
ClientSampleId : MDL-MED-SOIL-QT4-2022-07

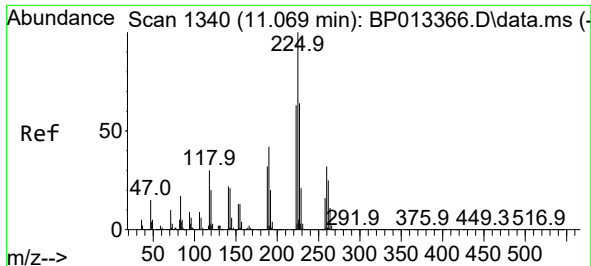
Tgt Ion:128 Resp: 397433
Ion Ratio Lower Upper
128 100
129 10.6 8.7 13.1
127 12.4 10.4 15.6



#32
4-Chloroaniline
Concen: 3.520 ng/ul
RT: 10.904 min Scan# 1312
Delta R.T. -0.006 min
Lab File: BP013371.D
Acq: 30 Dec 2022 14:32

Tgt Ion:127 Resp: 163653
Ion Ratio Lower Upper
127 100
129 30.2 25.6 38.4

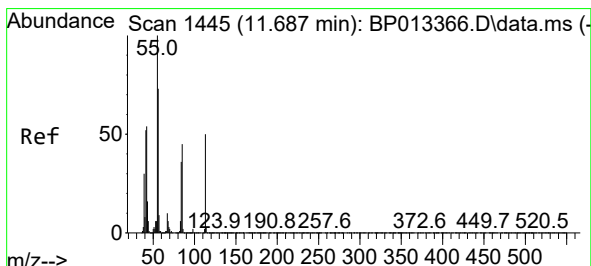
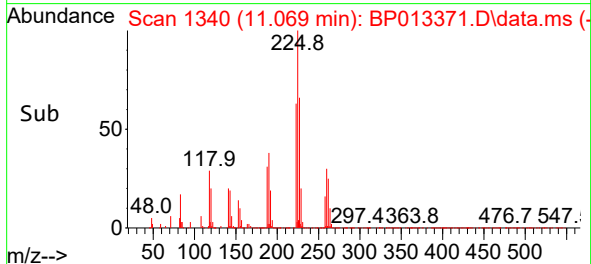
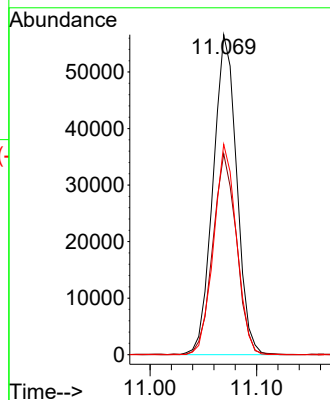
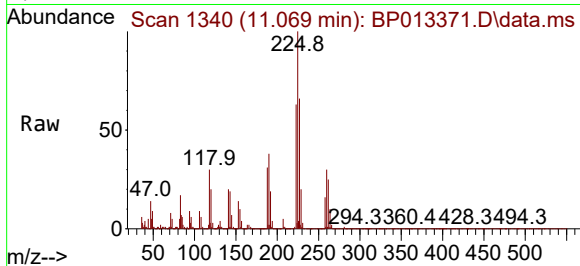




#33
Hexachlorobutadiene
Concen: 3.886 ng/ul
RT: 11.069 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP013371.D
Acq: 30 Dec 2022 14:32

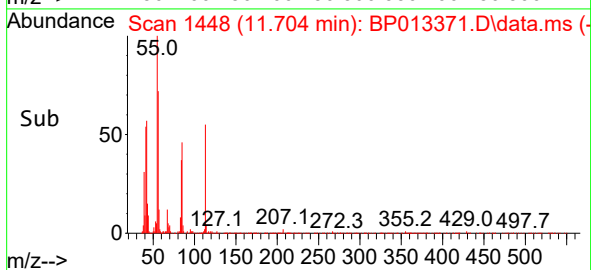
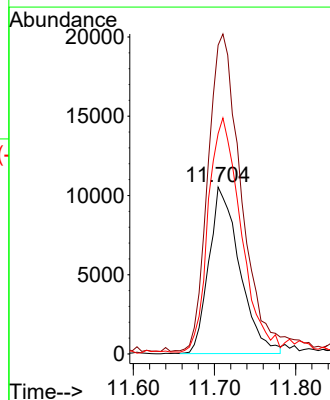
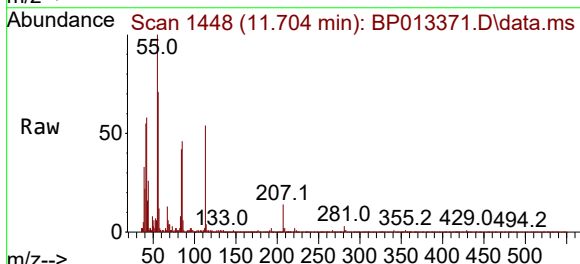
Instrument :
BNA_P
ClientSampleId :
MDL-MED-SOIL-QT4-2022-07

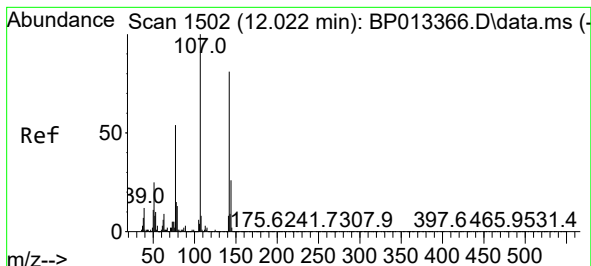
Tgt Ion:225 Resp: 86994
Ion Ratio Lower Upper
225 100
223 62.8 49.2 73.8
227 65.8 50.2 75.2



#34
Caprolactam
Concen: 2.490 ng/ul
RT: 11.704 min Scan# 1448
Delta R.T. 0.012 min
Lab File: BP013371.D
Acq: 30 Dec 2022 14:32

Tgt Ion:113 Resp: 27682
Ion Ratio Lower Upper
113 100
55 185.0 141.9 212.9
56 132.0 99.6 149.4

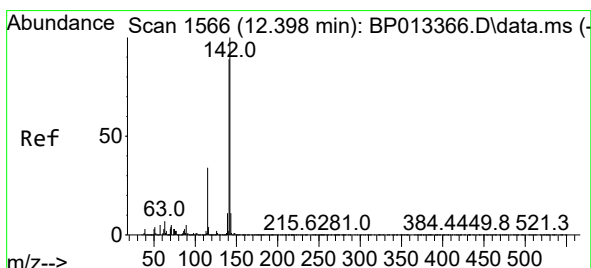
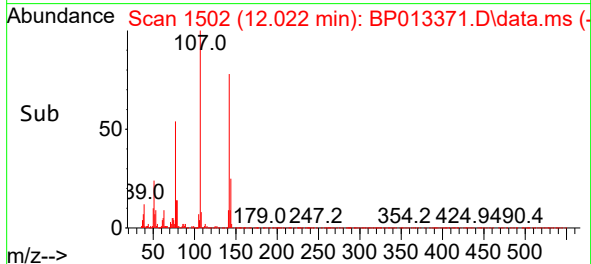
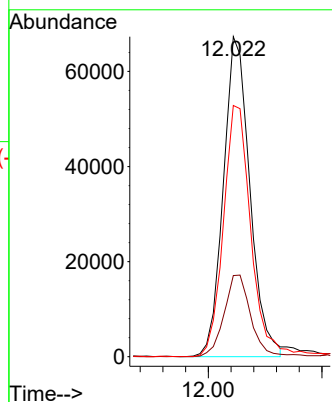
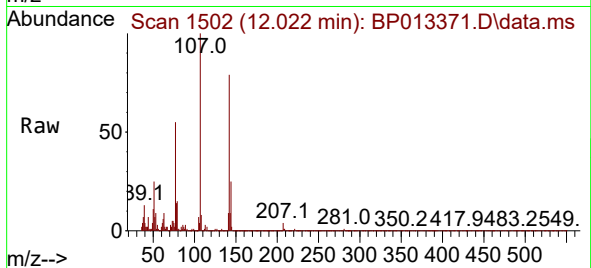




#35
4-Chloro-3-methylphenol
Concen: 3.280 ng/ul
RT: 12.022 min Scan# 1502
Delta R.T. -0.006 min
Lab File: BP013371.D
Acq: 30 Dec 2022 14:32

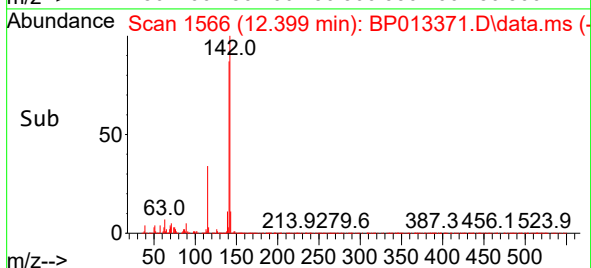
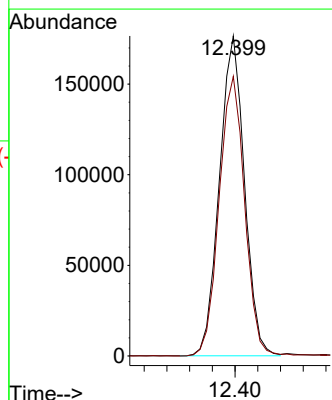
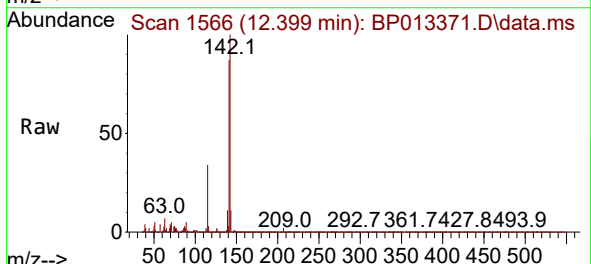
Instrument : BNA_P
ClientSampleId : MDL-MED-SOIL-QT4-2022-07

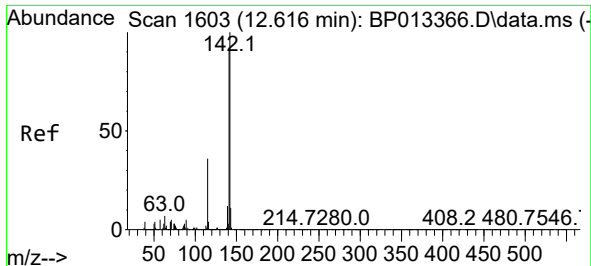
Tgt Ion:107 Resp: 109129
Ion Ratio Lower Upper
107 100
144 25.4 21.4 32.2
142 78.5 65.8 98.6



#36
2-Methylnaphthalene
Concen: 3.636 ng/ul
RT: 12.399 min Scan# 1566
Delta R.T. -0.006 min
Lab File: BP013371.D
Acq: 30 Dec 2022 14:32

Tgt Ion:142 Resp: 270262
Ion Ratio Lower Upper
142 100
141 87.4 70.8 106.2

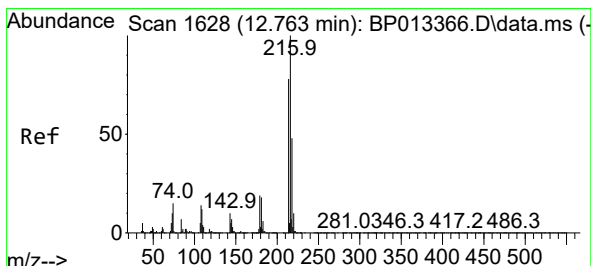
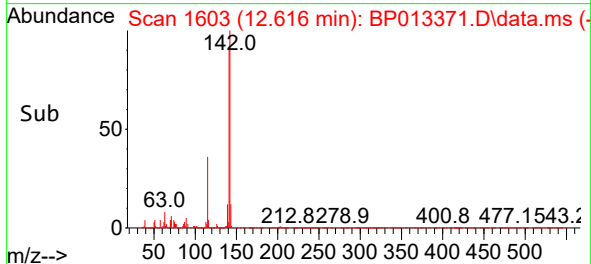
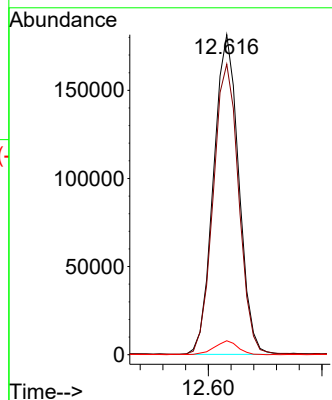
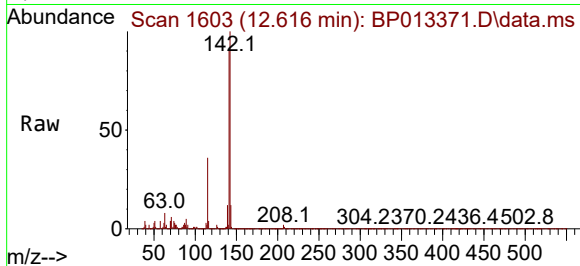




#37
1-Methylnaphthalene
Concen: 3.661 ng/ul
RT: 12.616 min Scan# 1603
Delta R.T. -0.006 min
Lab File: BP013371.D
Acq: 30 Dec 2022 14:32

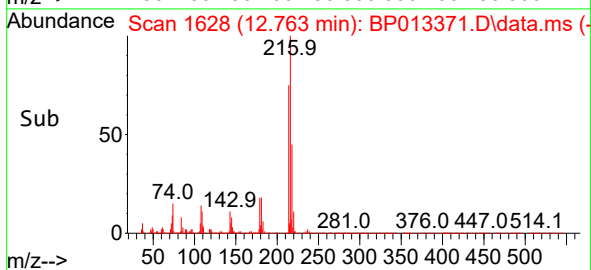
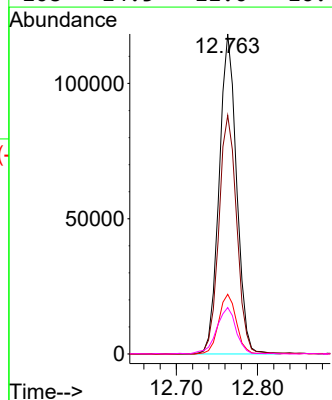
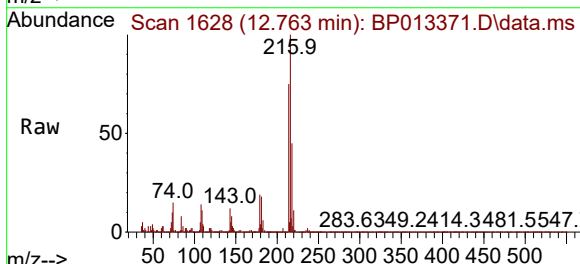
Instrument :
BNA_P
ClientSampleId :
MDL-MED-SOIL-QT4-2022-07

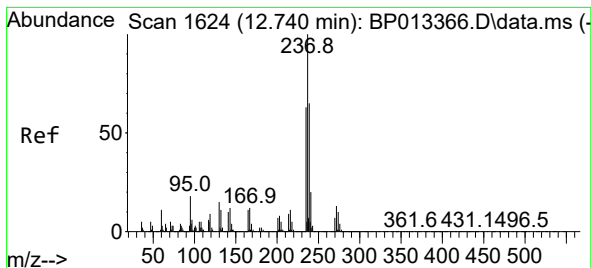
Tgt Ion:142 Resp: 279833
Ion Ratio Lower Upper
142 100
141 90.8 72.7 109.1
116 4.3 2.7 4.1#



#39
1,2,4,5-Tetrachlorobenzene
Concen: 3.662 ng/ul
RT: 12.763 min Scan# 1628
Delta R.T. -0.006 min
Lab File: BP013371.D
Acq: 30 Dec 2022 14:32

Tgt Ion:216 Resp: 176773
Ion Ratio Lower Upper
216 100
214 74.6 61.9 92.9
179 18.6 15.0 22.6
108 14.5 11.0 16.4





#40

Hexachlorocyclopentadiene

Concen: 2.253 ng/ul

RT: 12.740 min Scan# 1624

Delta R.T. -0.006 min

Lab File: BP013371.D

Acq: 30 Dec 2022 14:32

Instrument :

BNA_P

ClientSampleId :

MDL-MED-SOIL-QT4-2022-07

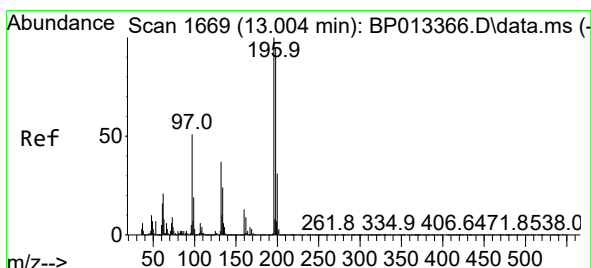
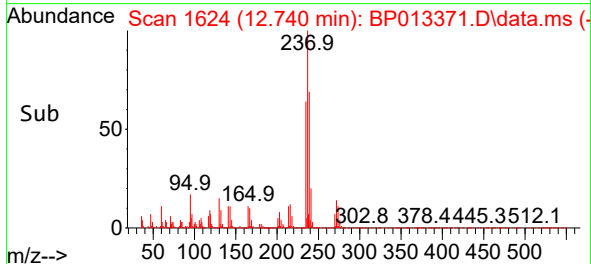
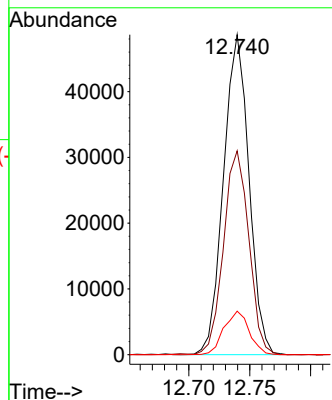
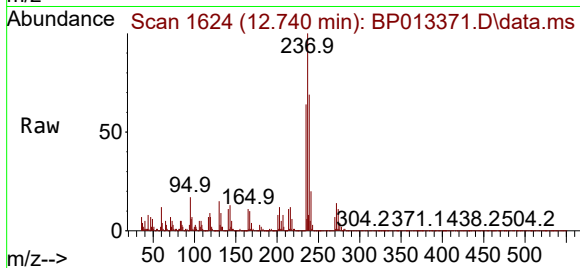
Tgt Ion:237 Resp: 70754

Ion Ratio Lower Upper

237 100

235 63.7 49.7 74.5

272 13.6 10.8 16.2



#41

2,4,6-Trichlorophenol

Concen: 2.990 ng/ul

RT: 13.004 min Scan# 1669

Delta R.T. -0.006 min

Lab File: BP013371.D

Acq: 30 Dec 2022 14:32

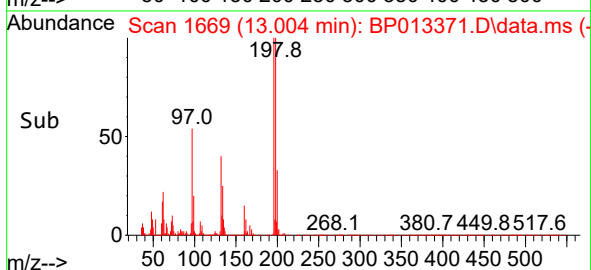
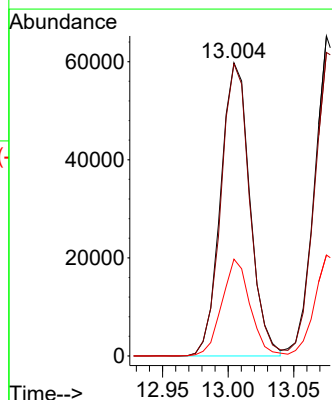
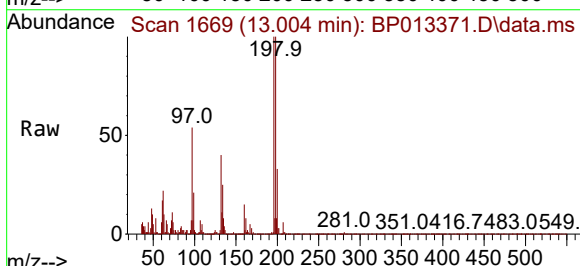
Tgt Ion:196 Resp: 92763

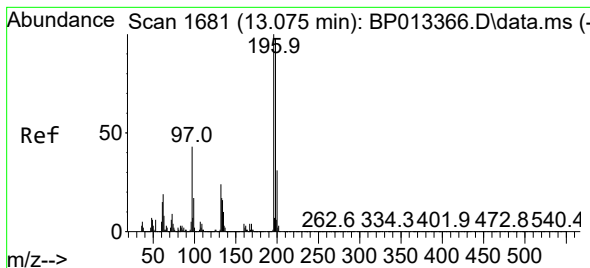
Ion Ratio Lower Upper

196 100

198 99.7 77.0 115.6

200 33.0 25.3 37.9





#42

2,4,5-Trichlorophenol

Concen: 3.114 ng/ul

RT: 13.075 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP013371.D

Acq: 30 Dec 2022 14:32

Instrument :

BNA_P

ClientSampleId :

MDL-MED-SOIL-QT4-2022-07

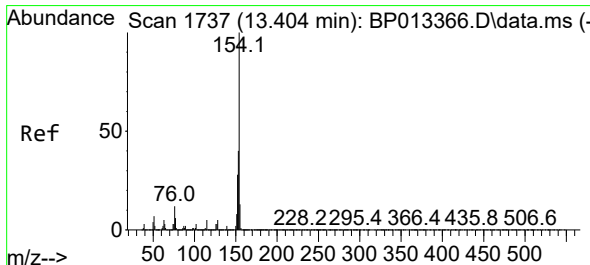
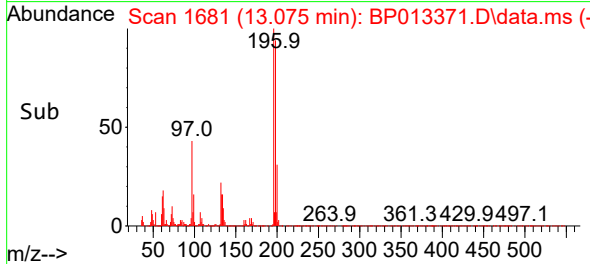
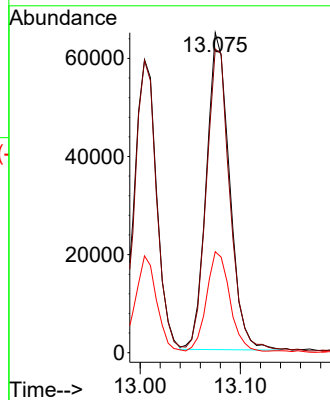
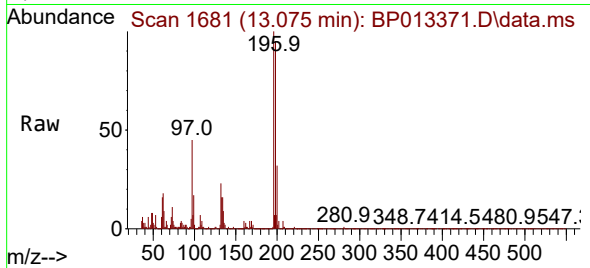
Tgt Ion:196 Resp: 103754

Ion Ratio Lower Upper

196 100

198 94.9 77.1 115.7

200 31.6 25.4 38.2



#43

1,1'-Biphenyl

Concen: 3.499 ng/ul

RT: 13.404 min Scan# 1737

Delta R.T. -0.006 min

Lab File: BP013371.D

Acq: 30 Dec 2022 14:32

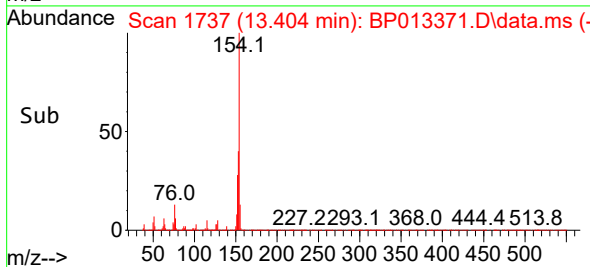
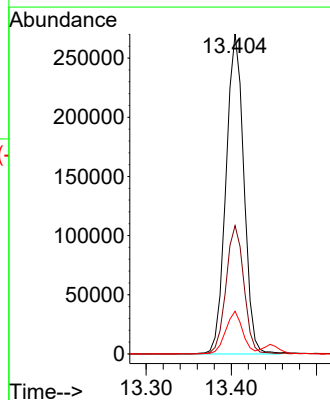
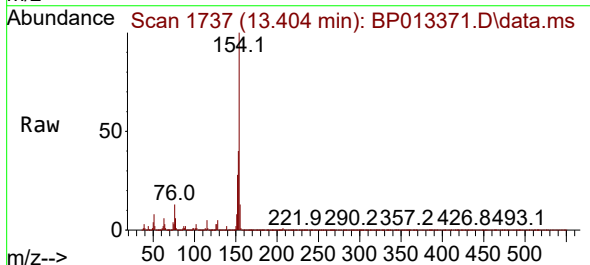
Tgt Ion:154 Resp: 393910

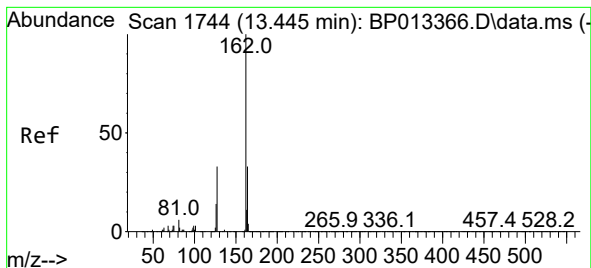
Ion Ratio Lower Upper

154 100

153 40.1 31.5 47.3

76 13.4 9.6 14.4





#44

2-Chloronaphthalene

Concen: 3.502 ng/ul

RT: 13.446 min Scan# 1744

Delta R.T. -0.006 min

Lab File: BP013371.D

Acq: 30 Dec 2022 14:32

Instrument :

BNA_P

ClientSampleId :

MDL-MED-SOIL-QT4-2022-07

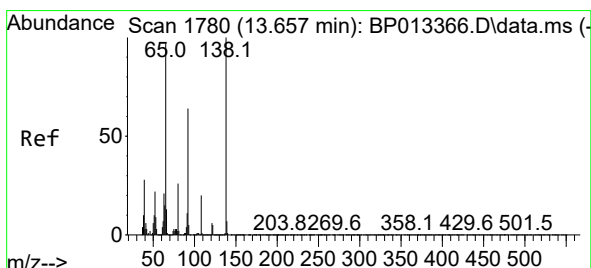
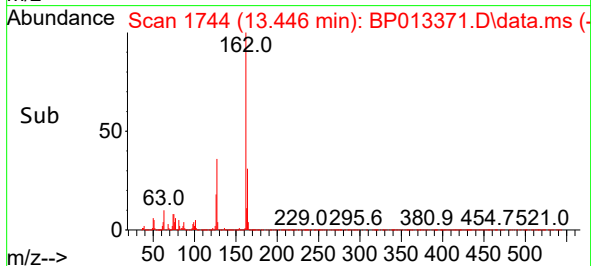
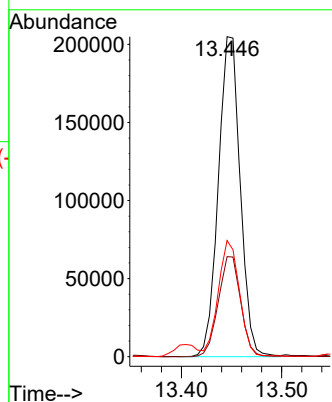
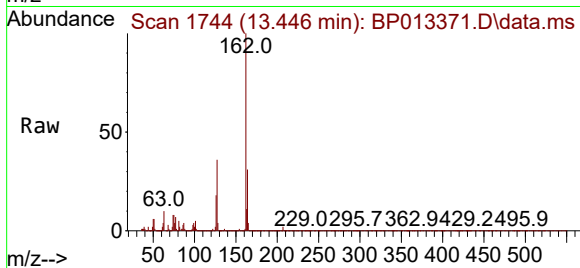
Tgt Ion:162 Resp: 310250

Ion Ratio Lower Upper

162 100

164 31.2 26.3 39.5

127 36.3 29.3 43.9



#45

2-Nitroaniline

Concen: 3.066 ng/ul

RT: 13.657 min Scan# 1780

Delta R.T. -0.006 min

Lab File: BP013371.D

Acq: 30 Dec 2022 14:32

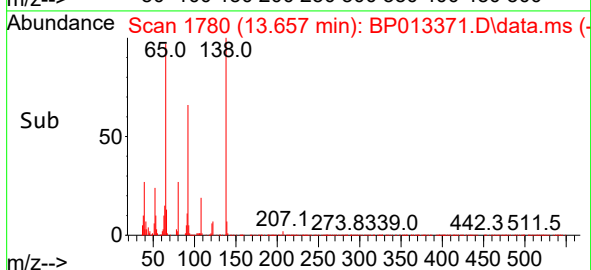
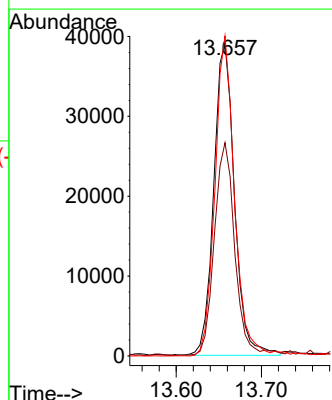
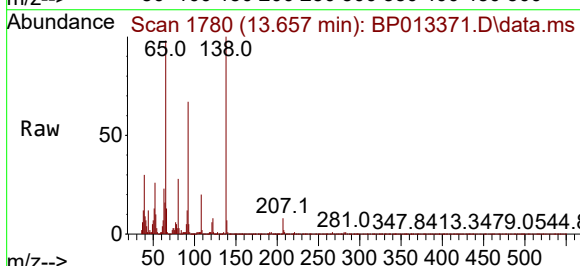
Tgt Ion: 65 Resp: 65853

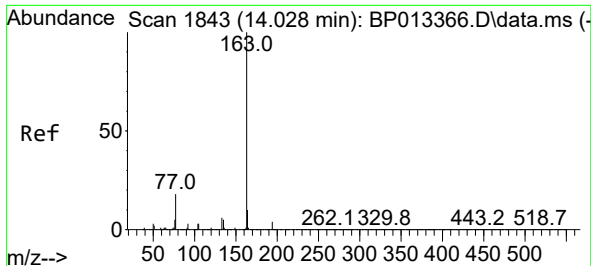
Ion Ratio Lower Upper

65 100

92 68.2 56.4 84.6

138 102.3 90.3 135.5

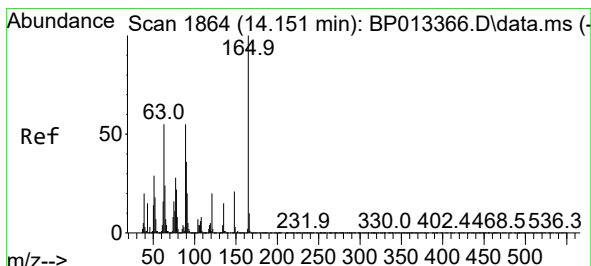
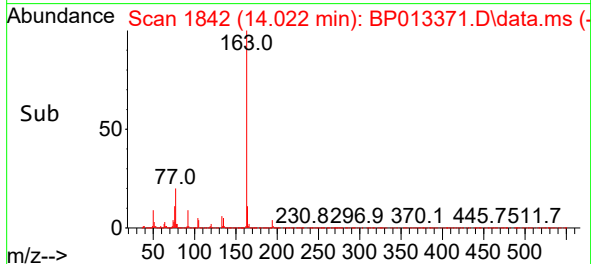
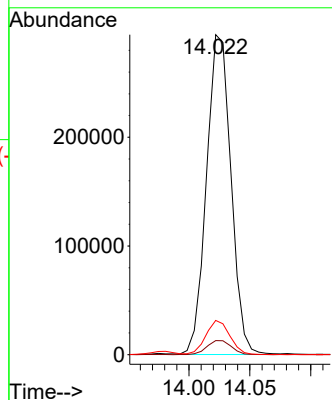
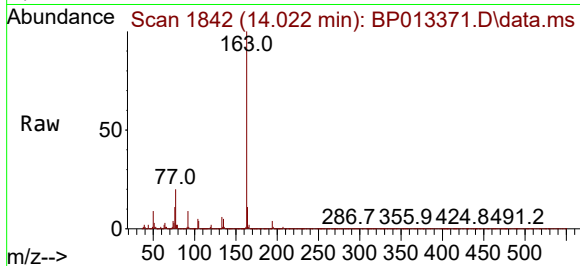




#47
Dimethylphthalate
Concen: 3.604 ng/ul
RT: 14.022 min Scan# 1842
Delta R.T. -0.006 min
Lab File: BP013371.D
Acq: 30 Dec 2022 14:32

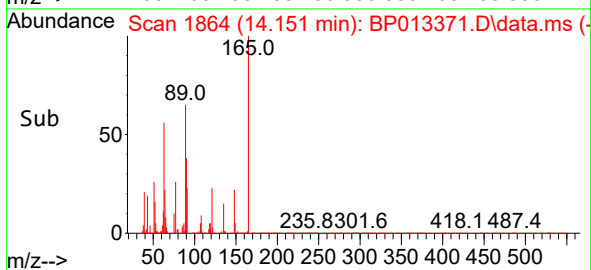
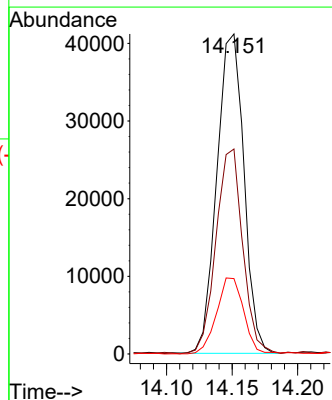
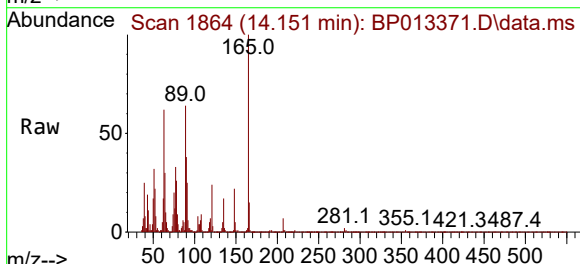
Instrument : BNA_P
ClientSampleId : MDL-MED-SOIL-QT4-2022-07

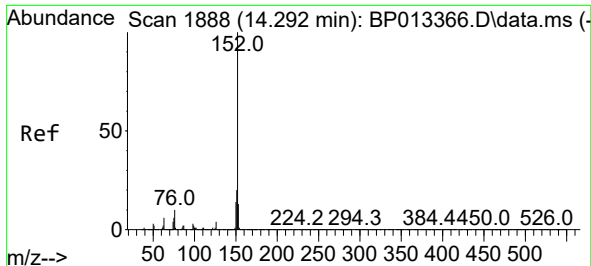
Tgt Ion:163 Resp: 411538
Ion Ratio Lower Upper
163 100
194 4.4 3.4 5.0
164 10.7 8.3 12.5



#48
2,6-Dinitrotoluene
Concen: 2.782 ng/ul
RT: 14.151 min Scan# 1864
Delta R.T. -0.006 min
Lab File: BP013371.D
Acq: 30 Dec 2022 14:32

Tgt Ion:165 Resp: 59026
Ion Ratio Lower Upper
165 100
89 64.1 43.0 64.4
121 23.6 16.1 24.1

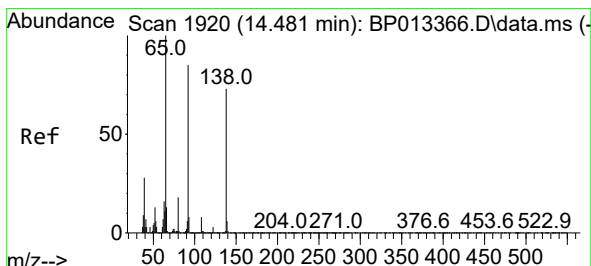
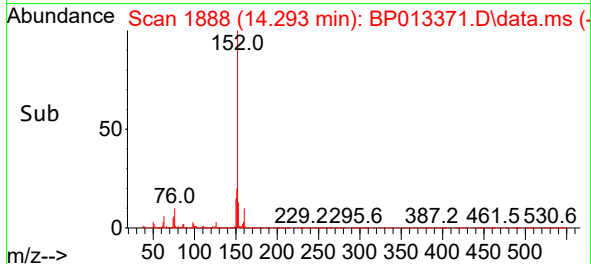
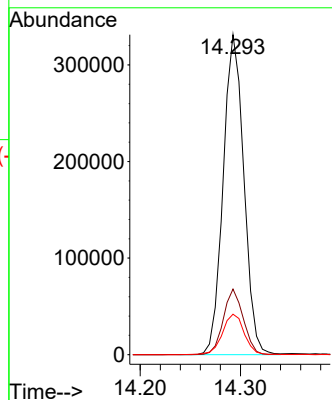
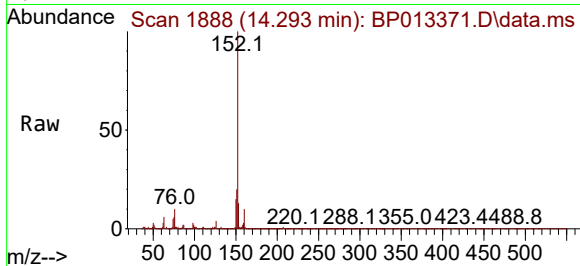




#50
Acenaphthylene
Concen: 3.491 ng/ul
RT: 14.293 min Scan# 1888
Delta R.T. -0.006 min
Lab File: BP013371.D
Acq: 30 Dec 2022 14:32

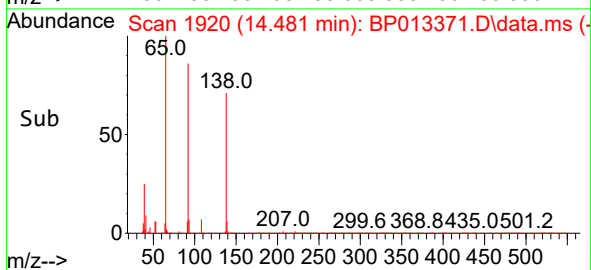
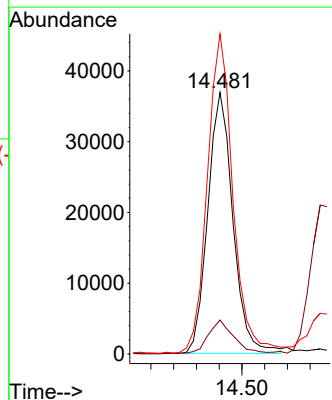
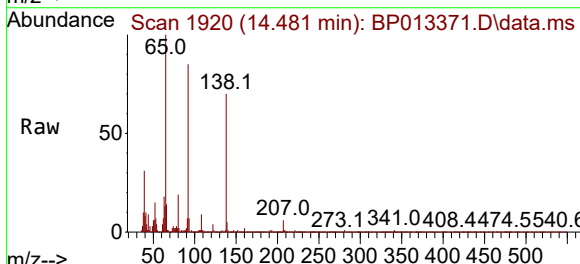
Instrument : BNA_P
ClientSampleId : MDL-MED-SOIL-QT4-2022-07

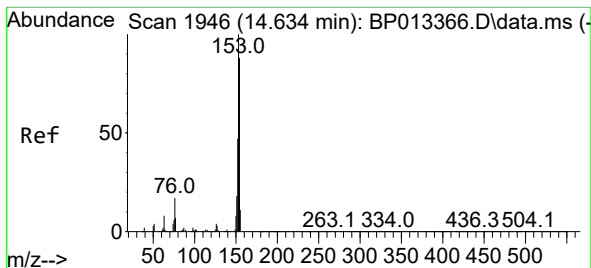
Tgt Ion:152 Resp: 475067
Ion Ratio Lower Upper
152 100
151 20.5 15.8 23.6
153 12.6 10.6 16.0



#51
3-Nitroaniline
Concen: 2.823 ng/ul
RT: 14.481 min Scan# 1920
Delta R.T. -0.006 min
Lab File: BP013371.D
Acq: 30 Dec 2022 14:32

Tgt Ion:138 Resp: 56573
Ion Ratio Lower Upper
138 100
108 12.9 8.6 13.0
92 122.4 88.4 132.6





#52

Acenaphthene

Concen: 3.582 ng/ul

RT: 14.634 min Scan# 1946

Delta R.T. -0.006 min

Lab File: BP013371.D

Acq: 30 Dec 2022 14:32

Instrument :

BNA_P

ClientSampleId :

MDL-MED-SOIL-QT4-2022-07

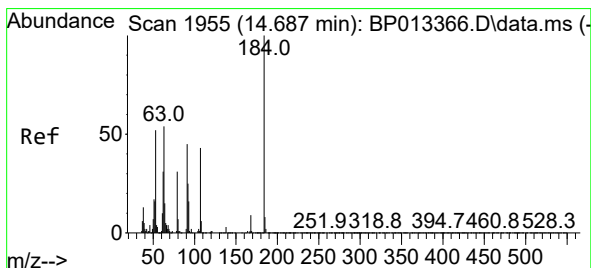
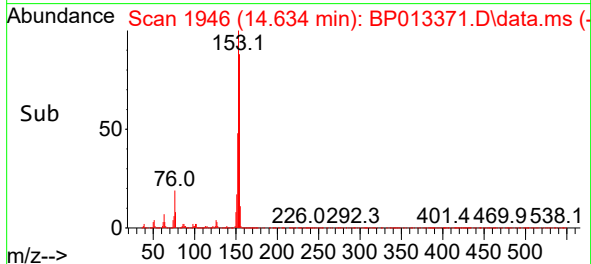
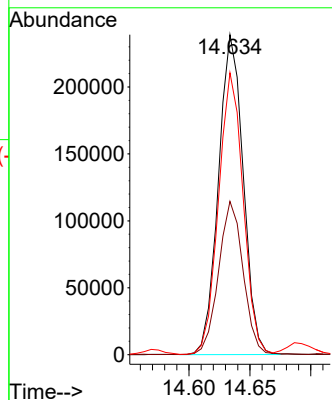
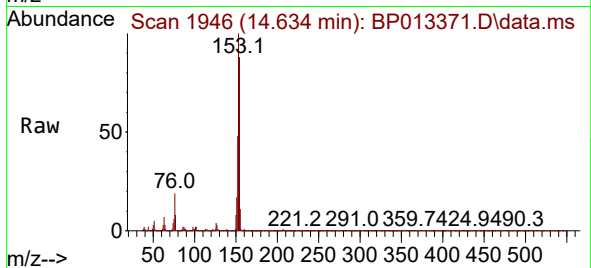
Tgt Ion:153 Resp: 337850

Ion Ratio Lower Upper

153 100

152 47.9 38.2 57.4

154 88.1 70.8 106.2



#53

2,4-Dinitrophenol

Concen: 1.595 ng/ul

RT: 14.693 min Scan# 1956

Delta R.T. 0.000 min

Lab File: BP013371.D

Acq: 30 Dec 2022 14:32

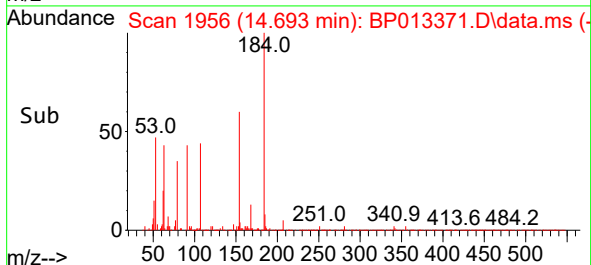
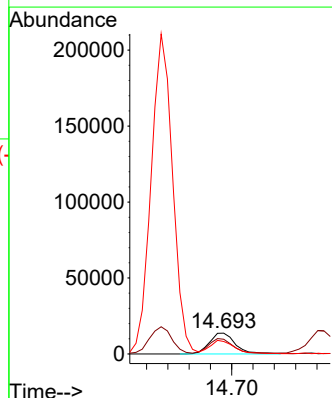
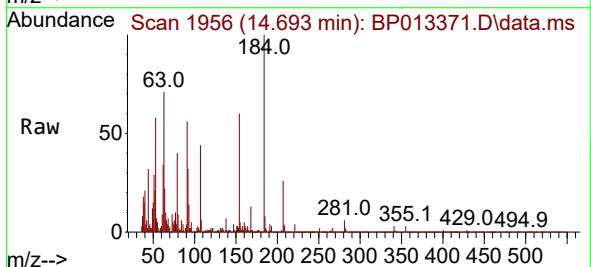
Tgt Ion:184 Resp: 23130

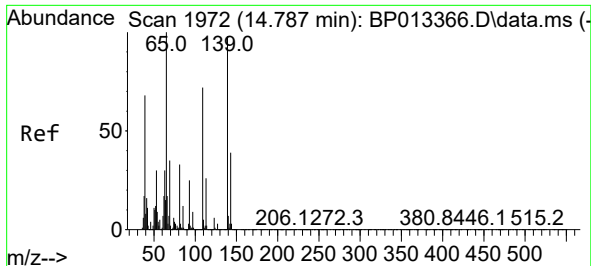
Ion Ratio Lower Upper

184 100

63 70.9 48.4 72.6

154 60.2 45.5 68.3

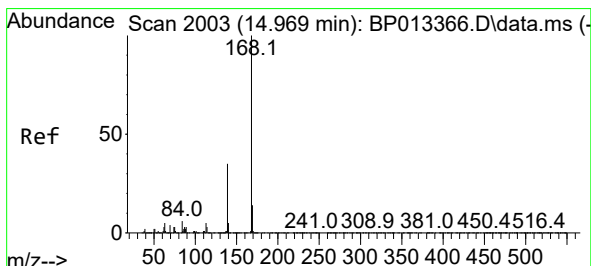
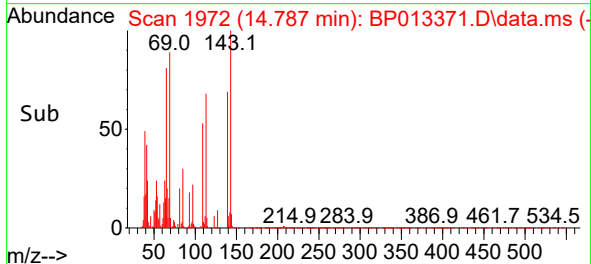
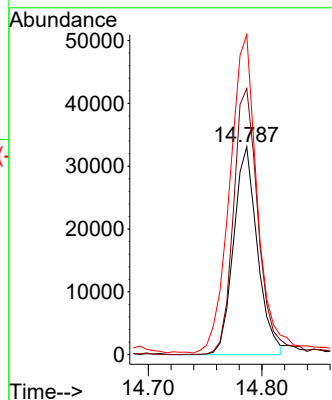
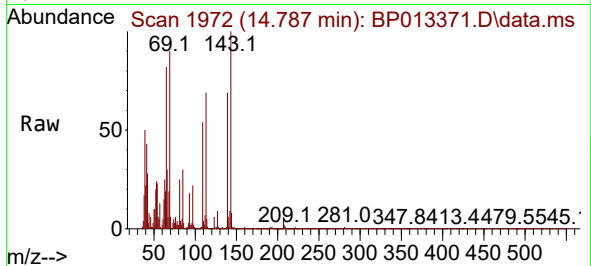




#55
4-Nitrophenol
Concen: 3.397 ng/ul
RT: 14.787 min Scan# 1972
Delta R.T. -0.006 min
Lab File: BP013371.D
Acq: 30 Dec 2022 14:32

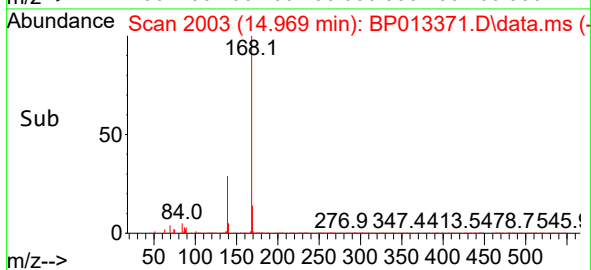
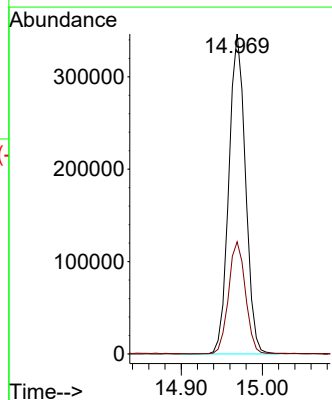
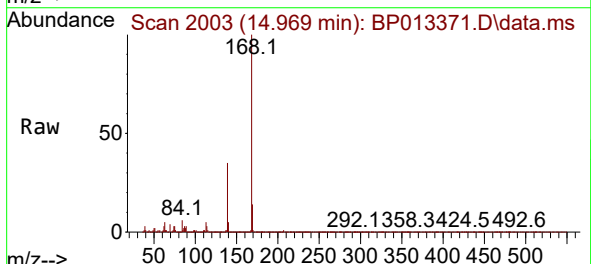
Instrument :
BNA_P
ClientSampleId :
MDL-MED-SOIL-QT4-2022-07

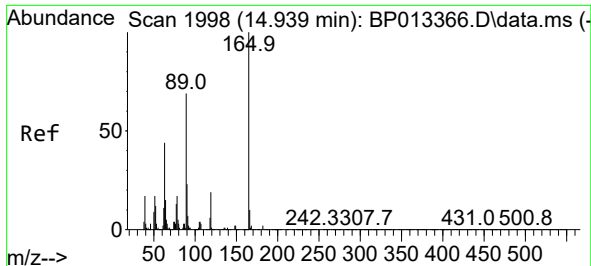
Tgt Ion:109 Resp: 48033
Ion Ratio Lower Upper
109 100
139 128.1 120.8 181.2
65 154.0 107.9 161.9



#56
Dibenzofuran
Concen: 3.676 ng/ul
RT: 14.969 min Scan# 2003
Delta R.T. -0.006 min
Lab File: BP013371.D
Acq: 30 Dec 2022 14:32

Tgt Ion:168 Resp: 492865
Ion Ratio Lower Upper
168 100
139 35.1 27.9 41.9

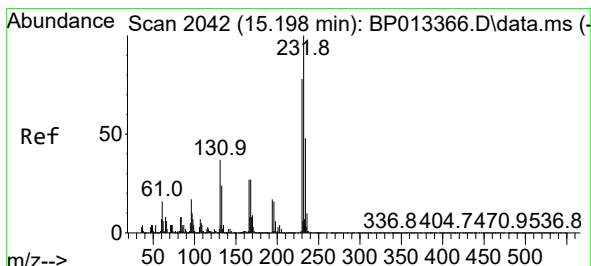
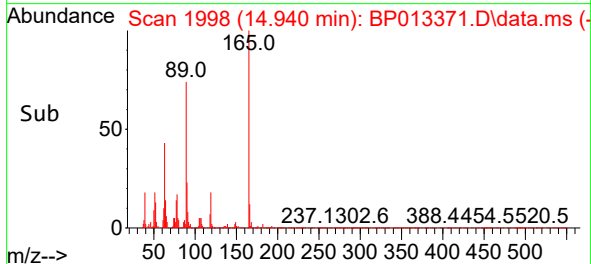
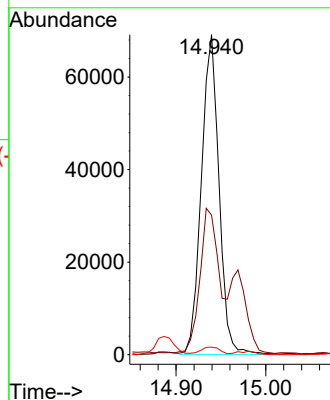
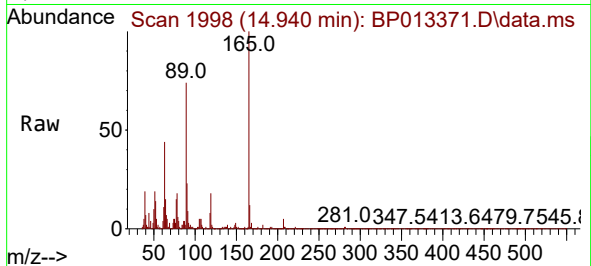




#57
2,4-Dinitrotoluene
Concen: 3.055 ng/ul
RT: 14.940 min Scan# 1998
Delta R.T. -0.006 min
Lab File: BP013371.D
Acq: 30 Dec 2022 14:32

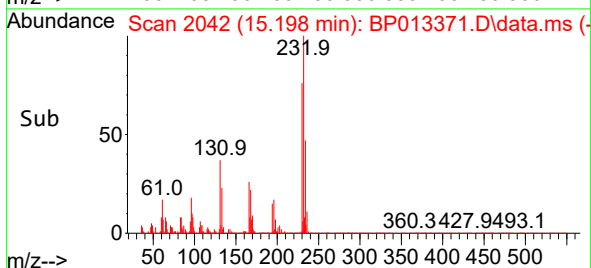
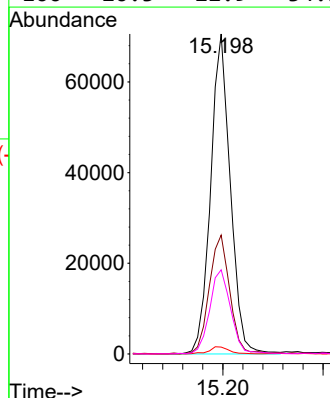
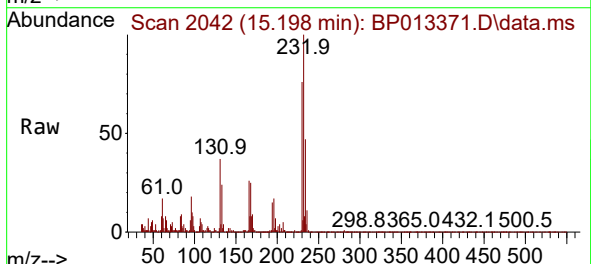
Instrument :
BNA_P
ClientSampleId :
MDL-MED-SOIL-QT4-2022-07

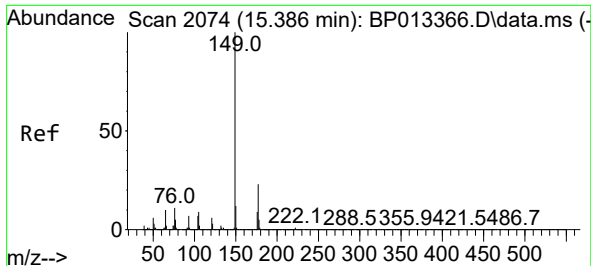
Tgt Ion	Ratio	Lower	Upper
165	100		
63	43.6	31.8	47.6
182	2.4	2.1	3.1



#58
2,3,4,6-Tetrachlorophenol
Concen: 3.173 ng/ul
RT: 15.198 min Scan# 2042
Delta R.T. -0.006 min
Lab File: BP013371.D
Acq: 30 Dec 2022 14:32

Tgt Ion	Ratio	Lower	Upper
232	100		
131	37.1	31.8	47.6
130	2.2	1.8	2.6
166	26.3	22.9	34.3

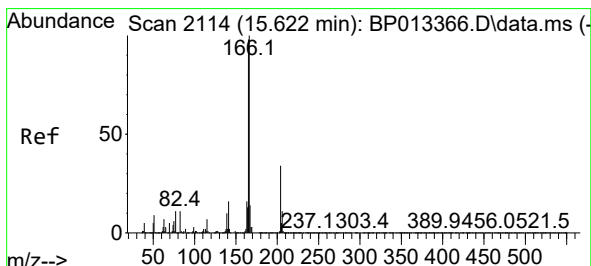
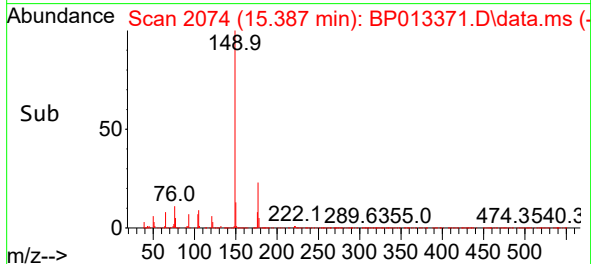
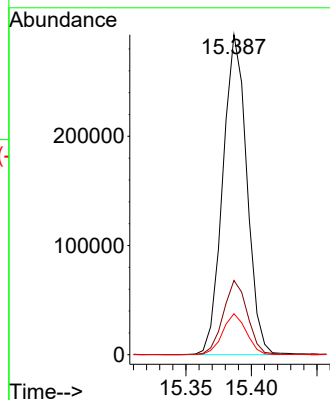
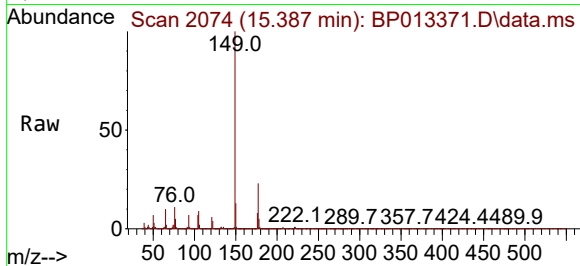




#59
Diethylphthalate
Concen: 3.365 ng/ul
RT: 15.387 min Scan# 2074
Delta R.T. -0.006 min
Lab File: BP013371.D
Acq: 30 Dec 2022 14:32

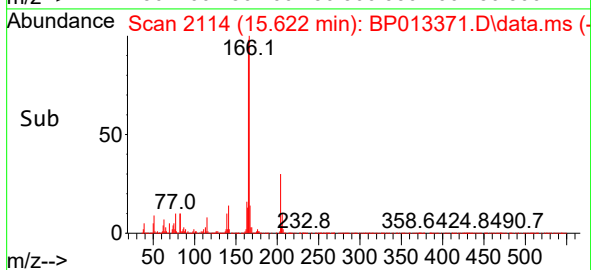
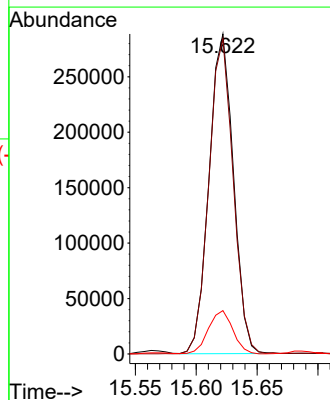
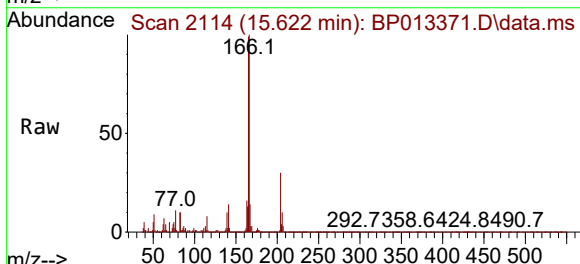
Instrument : BNA_P
ClientSampleId : MDL-MED-SOIL-QT4-2022-07

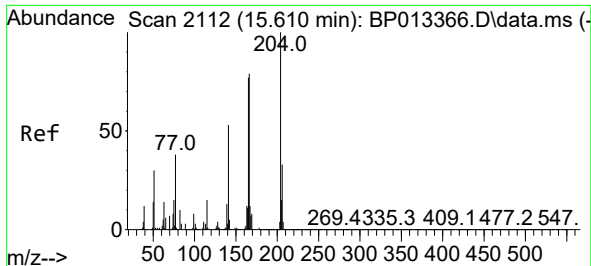
Tgt Ion:149 Resp: 373534
Ion Ratio Lower Upper
149 100
177 23.2 18.4 27.6
150 12.8 9.9 14.9



#61
Fluorene
Concen: 3.729 ng/ul
RT: 15.622 min Scan# 2114
Delta R.T. -0.006 min
Lab File: BP013371.D
Acq: 30 Dec 2022 14:32

Tgt Ion:166 Resp: 401016
Ion Ratio Lower Upper
166 100
165 98.5 77.4 116.2
167 13.5 10.6 16.0

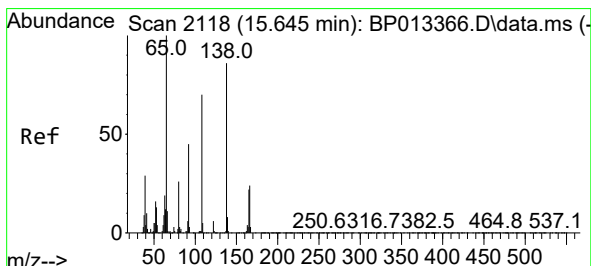
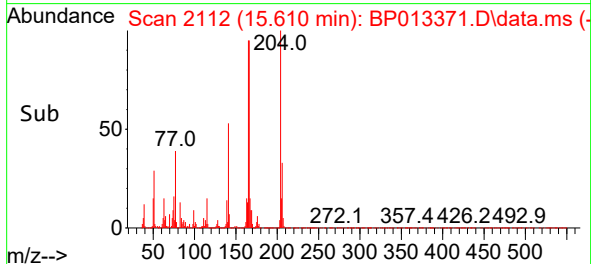
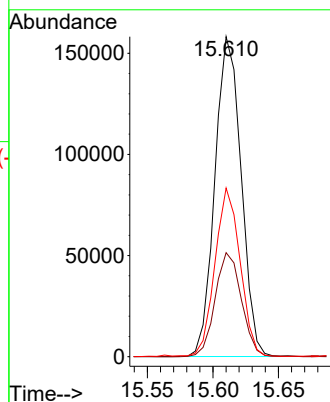
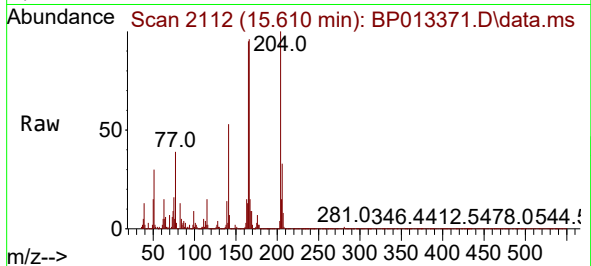




#62
4-Chlorophenyl-phenylether
Concen: 3.864 ng/ul
RT: 15.610 min Scan# 2112
Delta R.T. -0.006 min
Lab File: BP013371.D
Acq: 30 Dec 2022 14:32

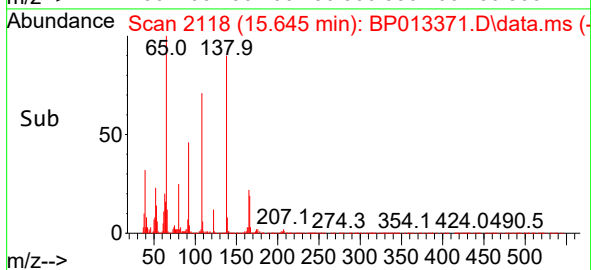
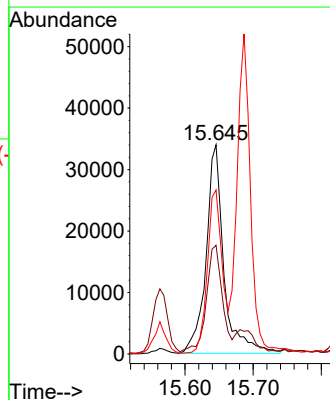
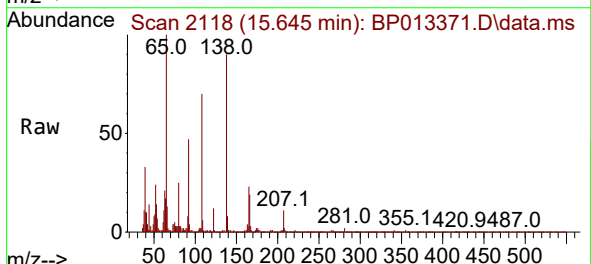
Instrument : BNA_P
ClientSampleId : MDL-MED-SOIL-QT4-2022-07

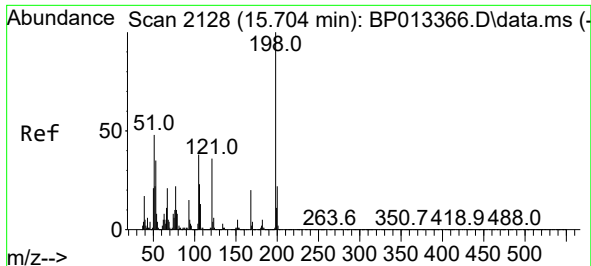
Tgt Ion:204 Resp: 219739
Ion Ratio Lower Upper
204 100
206 32.5 26.3 39.5
141 52.7 40.4 60.6



#63
4-Nitroaniline
Concen: 3.501 ng/ul
RT: 15.645 min Scan# 2118
Delta R.T. -0.006 min
Lab File: BP013371.D
Acq: 30 Dec 2022 14:32

Tgt Ion:138 Resp: 61731
Ion Ratio Lower Upper
138 100
92 52.0 39.0 58.4
108 78.4 55.1 82.7

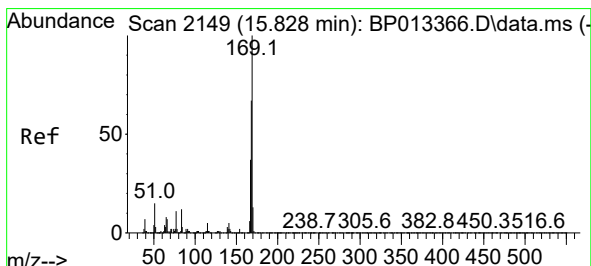
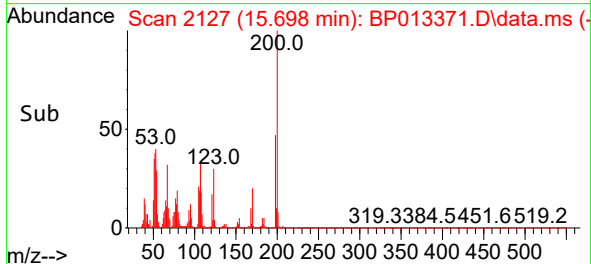
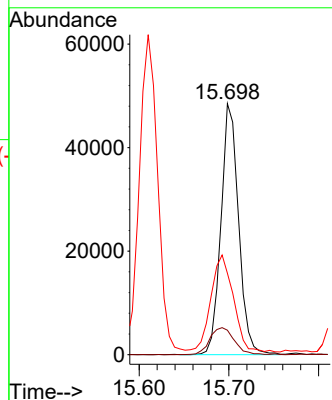
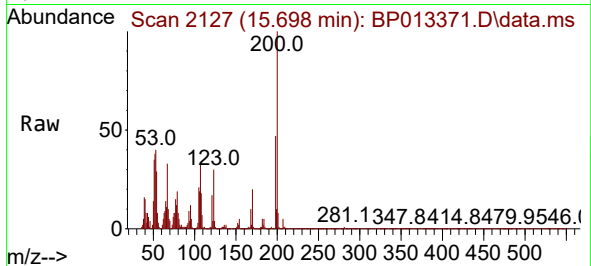




#66
4,6-Dinitro-2-methylphenol
Concen: 2.995 ng/ul
RT: 15.698 min Scan# 2127
Delta R.T. -0.012 min
Lab File: BP013371.D
Acq: 30 Dec 2022 14:32

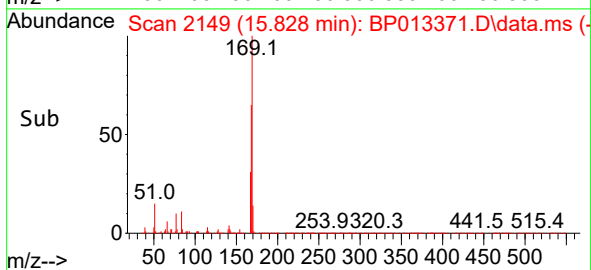
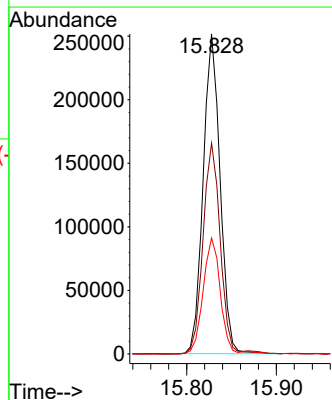
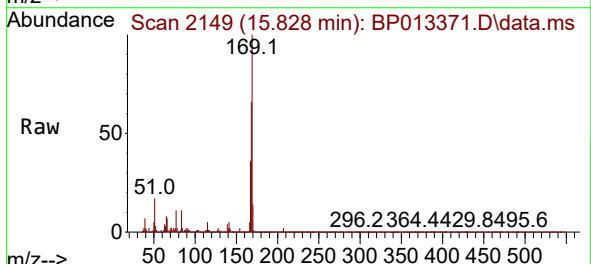
Instrument :
BNA_P
ClientSampleId :
MDL-MED-SOIL-QT4-2022-07

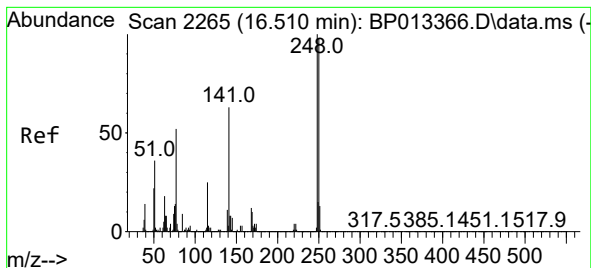
Tgt Ion:198 Resp: 66213
Ion Ratio Lower Upper
198 100
182 9.7 3.3 4.9#
77 32.4 16.6 25.0#



#67
N-Nitrosodiphenylamine
Concen: 3.380 ng/ul
RT: 15.828 min Scan# 2149
Delta R.T. -0.006 min
Lab File: BP013371.D
Acq: 30 Dec 2022 14:32

Tgt Ion:169 Resp: 329420
Ion Ratio Lower Upper
169 100
168 65.9 53.0 79.6
167 36.3 29.1 43.7

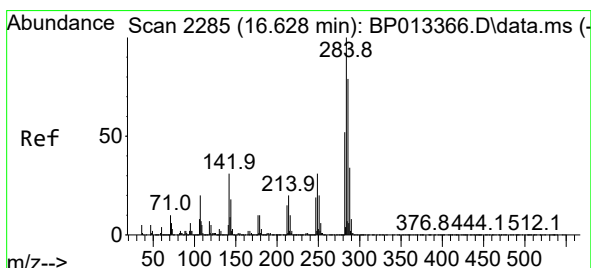
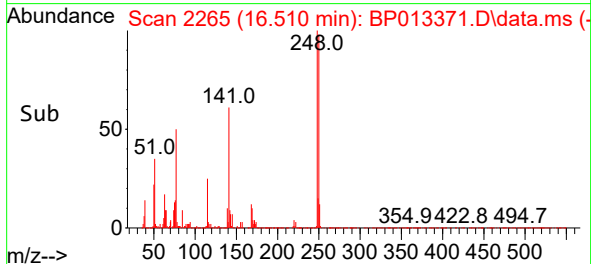
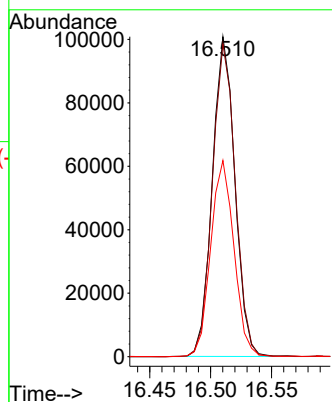
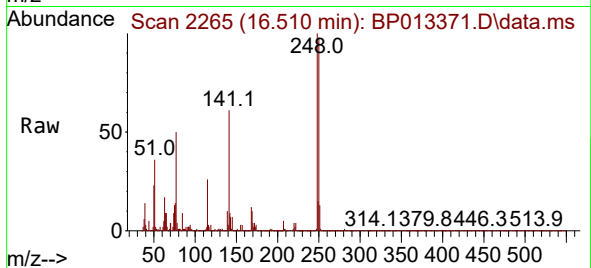




#68
4-Bromophenyl-phenylether
Concen: 3.402 ng/ul
RT: 16.510 min Scan# 2265
Delta R.T. -0.006 min
Lab File: BP013371.D
Acq: 30 Dec 2022 14:32

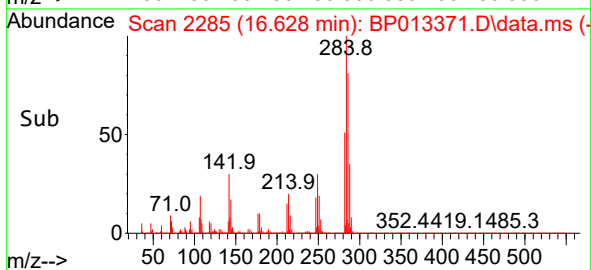
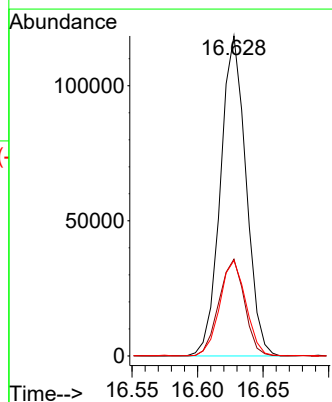
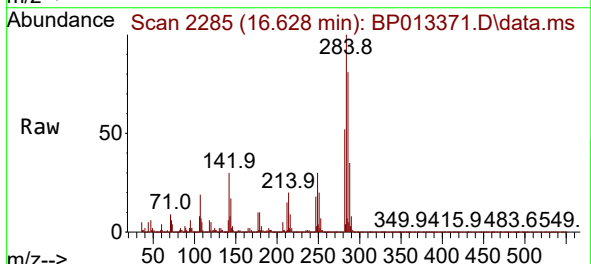
Instrument : BNA_P
ClientSampleId : MDL-MED-SOIL-QT4-2022-07

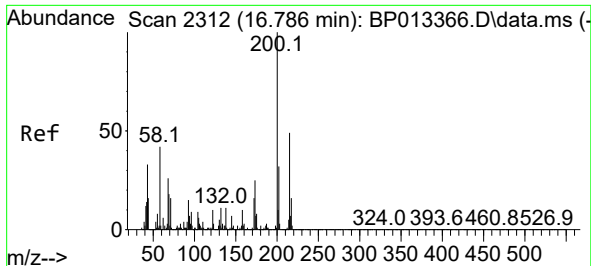
Tgt Ion:248 Resp: 129897
Ion Ratio Lower Upper
248 100
250 97.8 77.4 116.0
141 61.3 48.3 72.5



#69
Hexachlorobenzene
Concen: 3.537 ng/ul
RT: 16.628 min Scan# 2285
Delta R.T. -0.006 min
Lab File: BP013371.D
Acq: 30 Dec 2022 14:32

Tgt Ion:284 Resp: 160364
Ion Ratio Lower Upper
284 100
142 30.3 22.6 34.0
249 29.9 24.6 37.0

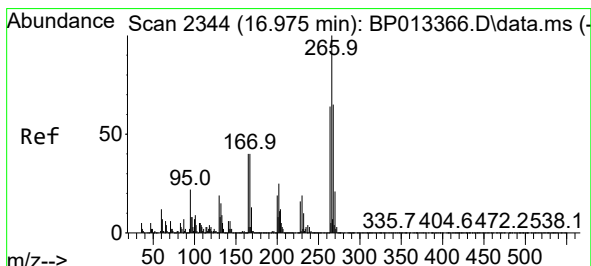
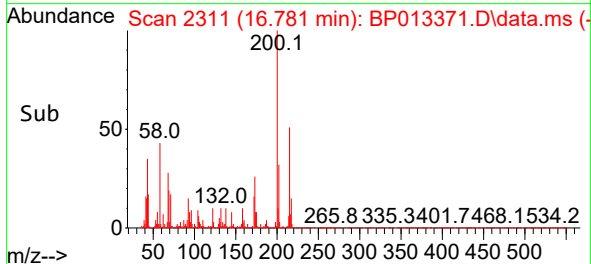
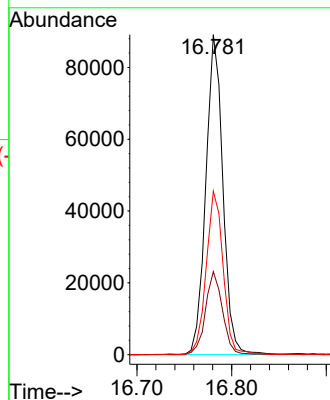
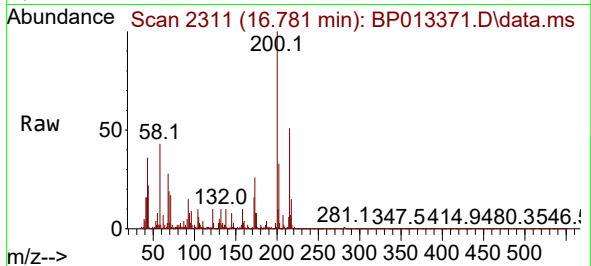




#70
Atrazine
Concen: 2.932 ng/ul
RT: 16.781 min Scan# 211
Delta R.T. -0.012 min
Lab File: BP013371.D
Acq: 30 Dec 2022 14:32

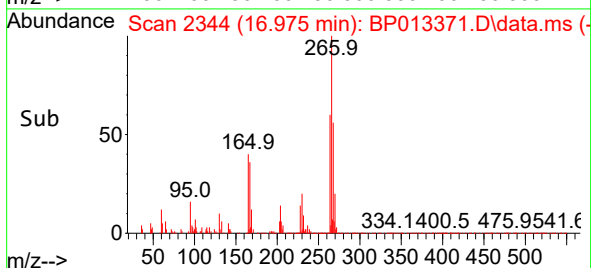
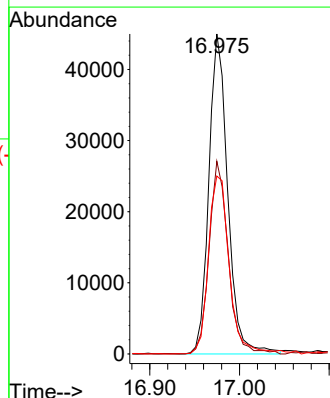
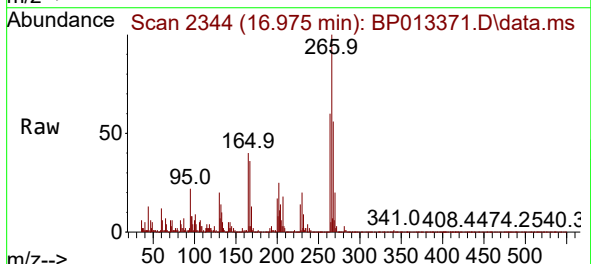
Instrument :
BNA_P
ClientSampleId :
MDL-MED-SOIL-QT4-2022-07

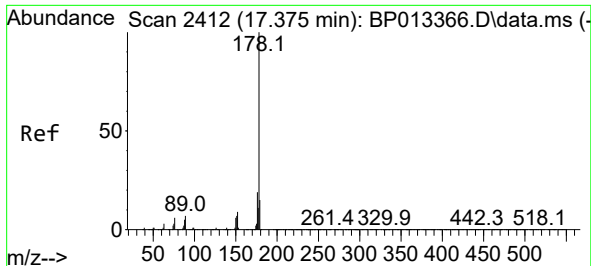
Tgt Ion:200 Resp: 111377
Ion Ratio Lower Upper
200 100
173 25.9 20.5 30.7
215 51.1 39.9 59.9



#71
Pentachlorophenol
Concen: 2.396 ng/ul
RT: 16.975 min Scan# 2344
Delta R.T. -0.006 min
Lab File: BP013371.D
Acq: 30 Dec 2022 14:32

Tgt Ion:266 Resp: 65771
Ion Ratio Lower Upper
266 100
264 60.2 50.9 76.3
268 55.6 51.4 77.2

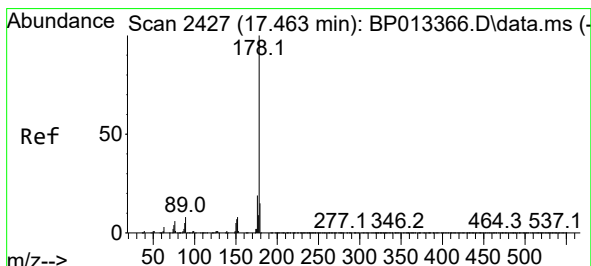
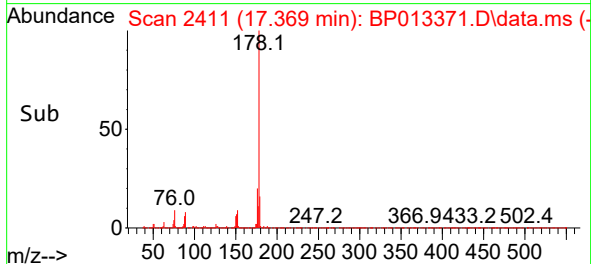
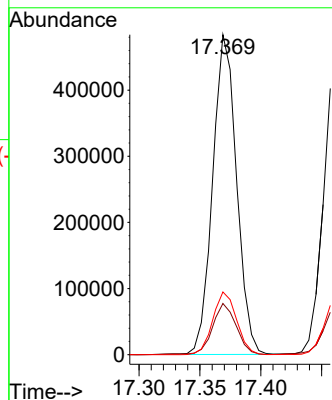
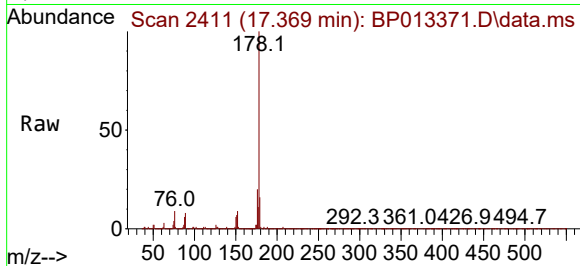




#72
Phenanthrene
Concen: 3.600 ng/ul
RT: 17.369 min Scan# 2411
Delta R.T. -0.012 min
Lab File: BP013371.D
Acq: 30 Dec 2022 14:32

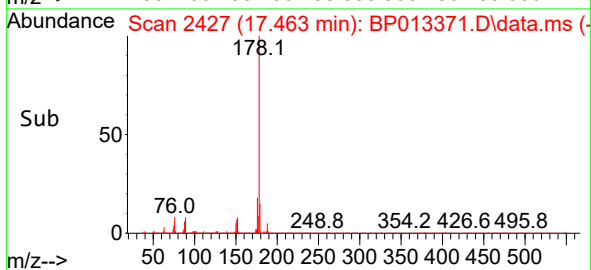
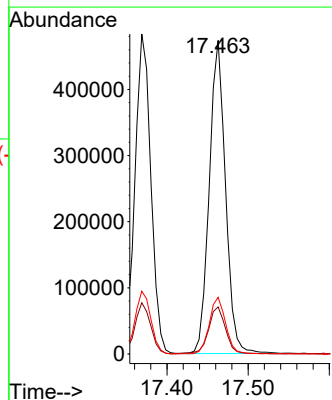
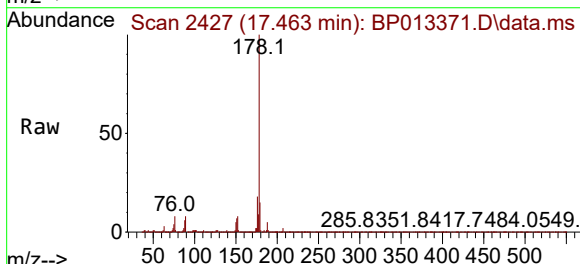
Instrument :
BNA_P
ClientSampleId :
MDL-MED-SOIL-QT4-2022-07

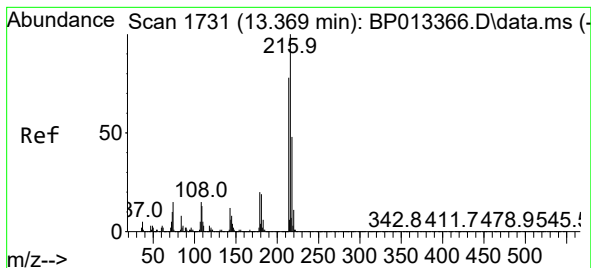
Tgt Ion:178 Resp: 659217
Ion Ratio Lower Upper
178 100
179 16.0 12.5 18.7
176 19.6 15.4 23.0



#74
Anthracene
Concen: 3.591 ng/ul
RT: 17.463 min Scan# 2427
Delta R.T. -0.006 min
Lab File: BP013371.D
Acq: 30 Dec 2022 14:32

Tgt Ion:178 Resp: 656598
Ion Ratio Lower Upper
178 100
179 15.0 12.5 18.7
176 18.1 14.8 22.2

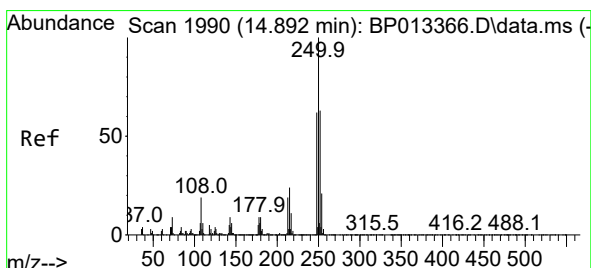
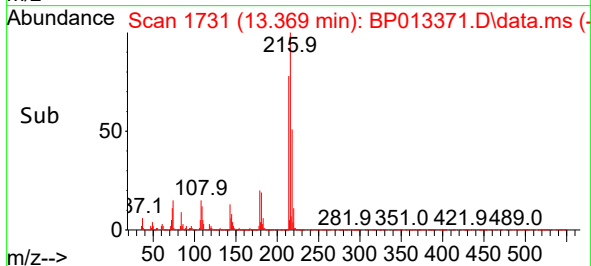
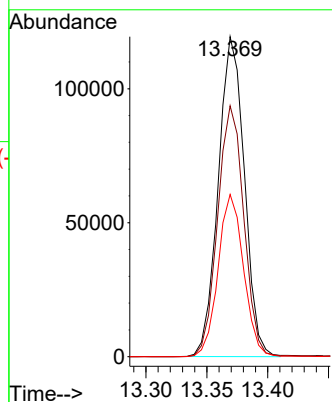
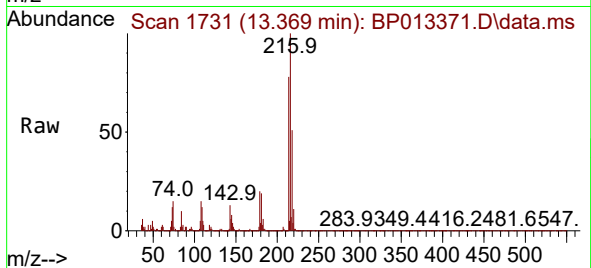




#75
1,2,3,4-Tetrachlorobenzene
Concen: 3.551 ng/uL
RT: 13.369 min Scan# 1731
Delta R.T. -0.006 min
Lab File: BP013371.D
Acq: 30 Dec 2022 14:32

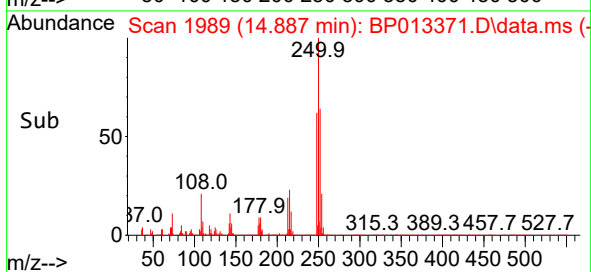
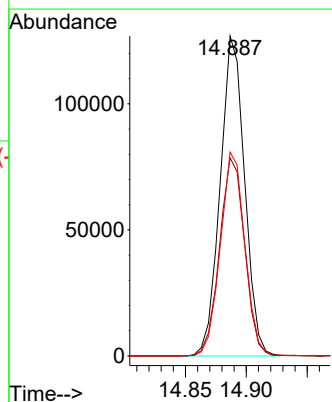
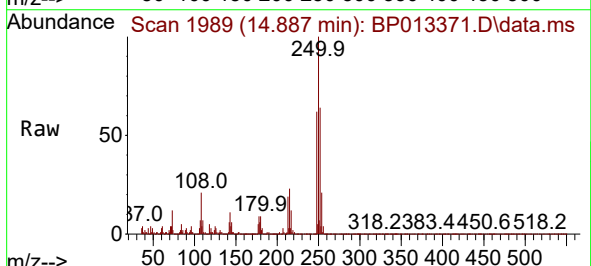
Instrument : BNA_P
ClientSampleId : MDL-MED-SOIL-QT4-2022-07

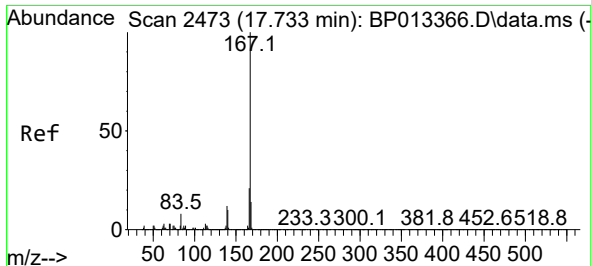
Tgt Ion:216 Resp: 178140
Ion Ratio Lower Upper
216 100
214 78.4 62.2 93.2
218 50.7 38.9 58.3



#76
Pentachlorobenzene
Concen: 3.458 ng/uL
RT: 14.887 min Scan# 1989
Delta R.T. -0.006 min
Lab File: BP013371.D
Acq: 30 Dec 2022 14:32

Tgt Ion:250 Resp: 176834
Ion Ratio Lower Upper
250 100
248 61.9 50.6 76.0
252 63.7 51.1 76.7

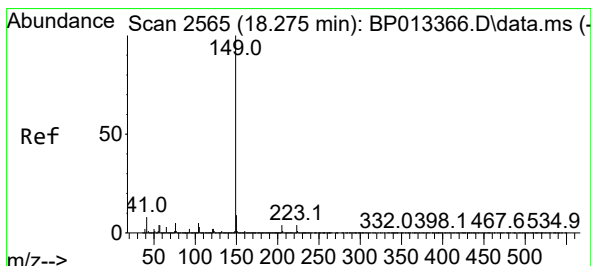
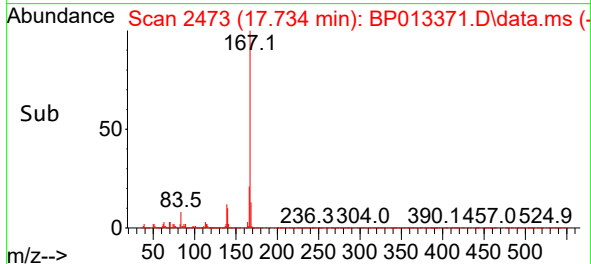
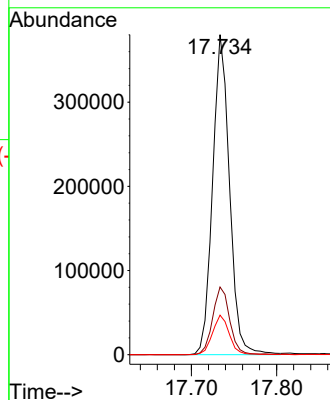
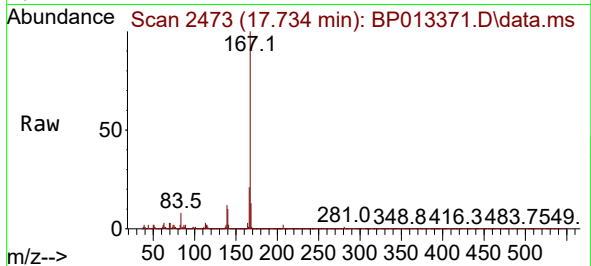




#77
Carbazole
Concen: 3.403 ng/ul
RT: 17.734 min Scan# 2473
Delta R.T. -0.006 min
Lab File: BP013371.D
Acq: 30 Dec 2022 14:32

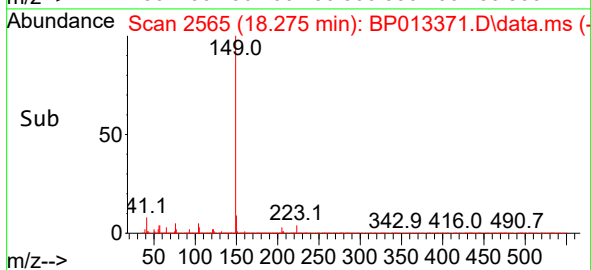
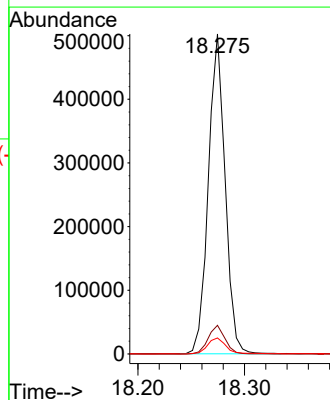
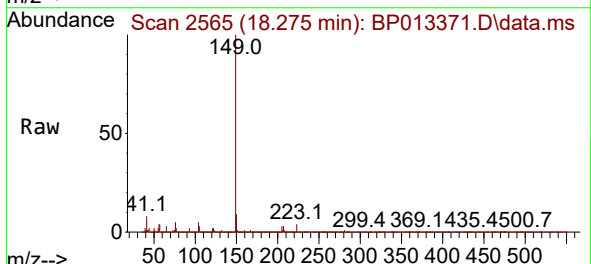
Instrument :
BNA_P
ClientSampleId :
MDL-MED-SOIL-QT4-2022-07

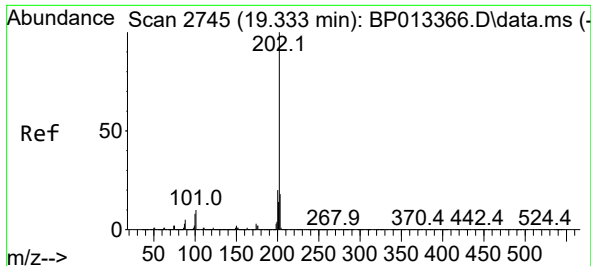
Tgt Ion:167 Resp: 524063
Ion Ratio Lower Upper
167 100
166 21.1 17.2 25.8
139 12.4 9.4 14.2



#78
Di-n-butylphthalate
Concen: 2.928 ng/ul
RT: 18.275 min Scan# 2565
Delta R.T. -0.006 min
Lab File: BP013371.D
Acq: 30 Dec 2022 14:32

Tgt Ion:149 Resp: 548962
Ion Ratio Lower Upper
149 100
150 9.0 7.5 11.3
104 5.0 3.8 5.6

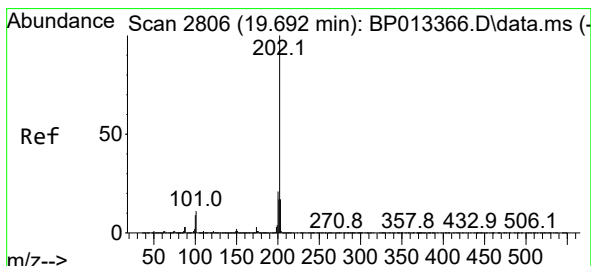
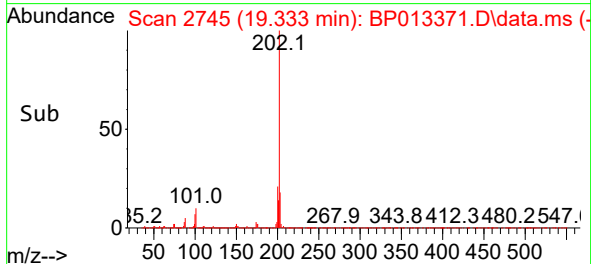
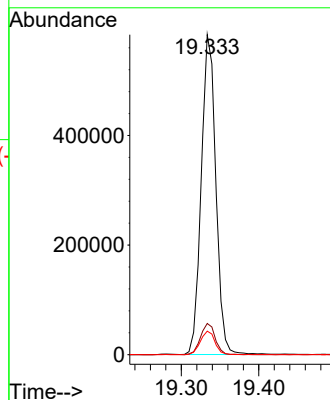
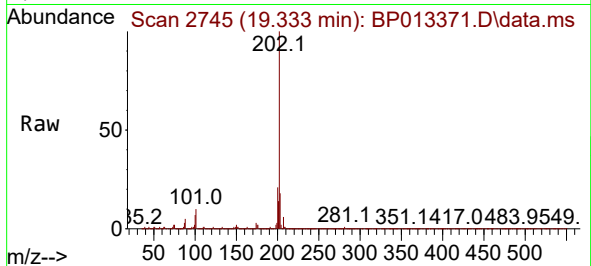




#80
Fluoranthene
Concen: 3.557 ng/ul
RT: 19.333 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP013371.D
Acq: 30 Dec 2022 14:32

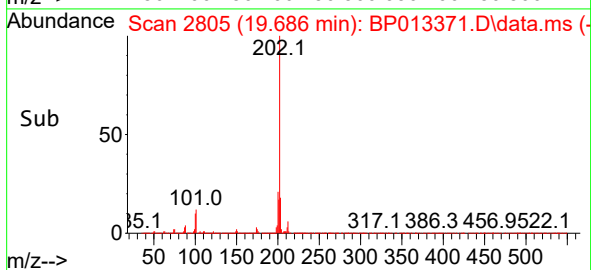
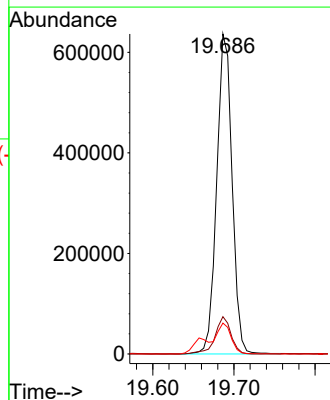
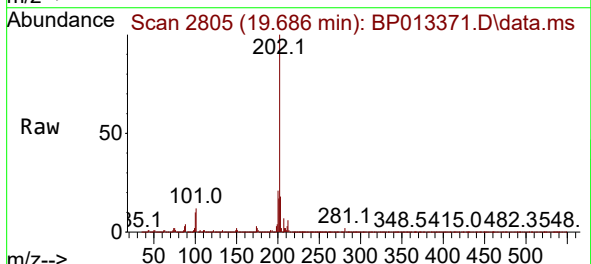
Instrument :
BNA_P
ClientSampleId :
MDL-MED-SOIL-QT4-2022-07

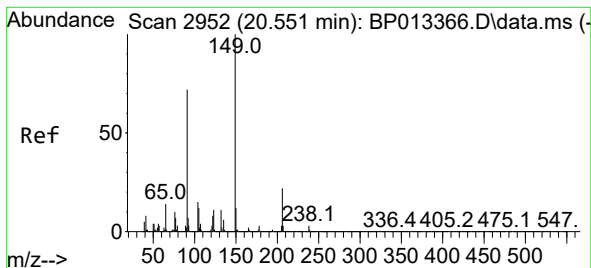
Tgt Ion:202 Resp: 764881
Ion Ratio Lower Upper
202 100
101 9.7 8.2 12.2
100 7.4 6.1 9.1



#82
Pyrene
Concen: 3.785 ng/ul
RT: 19.686 min Scan# 2805
Delta R.T. -0.012 min
Lab File: BP013371.D
Acq: 30 Dec 2022 14:32

Tgt Ion:202 Resp: 839670
Ion Ratio Lower Upper
202 100
101 11.7 9.4 14.2
100 9.7 7.8 11.8





#83

Butylbenzylphthalate

Concen: 2.610 ng/ul

RT: 20.551 min Scan# 2952

Delta R.T. -0.012 min

Lab File: BP013371.D

Acq: 30 Dec 2022 14:32

Instrument :

BNA_P

ClientSampleId :

MDL-MED-SOIL-QT4-2022-07

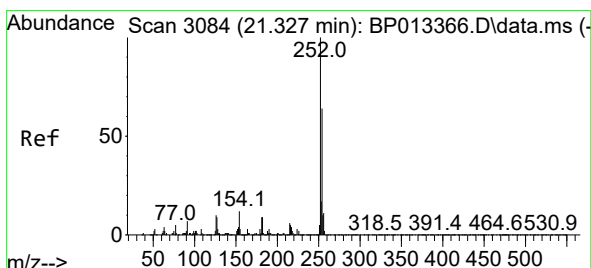
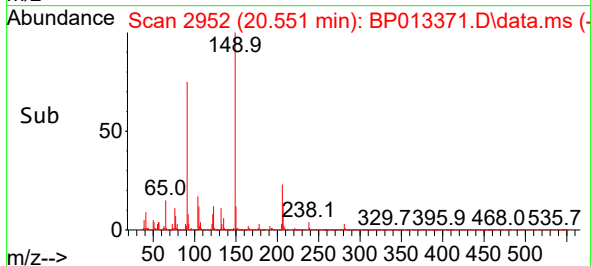
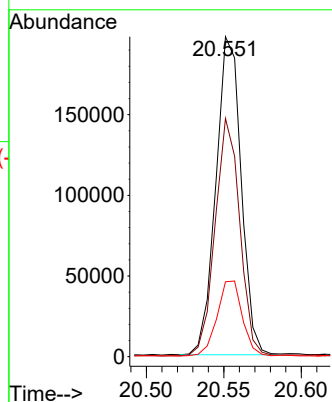
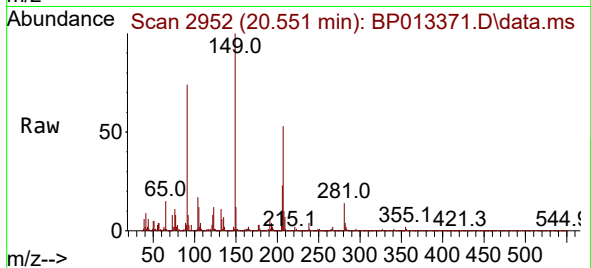
Tgt Ion:149 Resp: 223636

Ion Ratio Lower Upper

149 100

91 74.4 53.4 80.0

206 23.4 17.9 26.9



#84

3,3'-Dichlorobenzidine

Concen: 2.707 ng/ul

RT: 21.327 min Scan# 3084

Delta R.T. -0.012 min

Lab File: BP013371.D

Acq: 30 Dec 2022 14:32

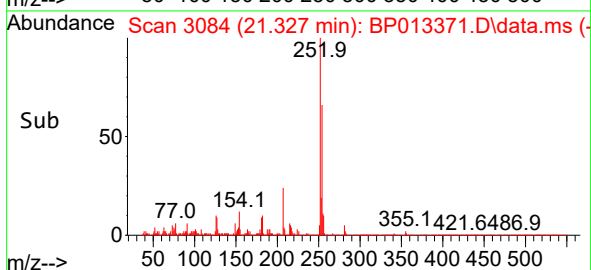
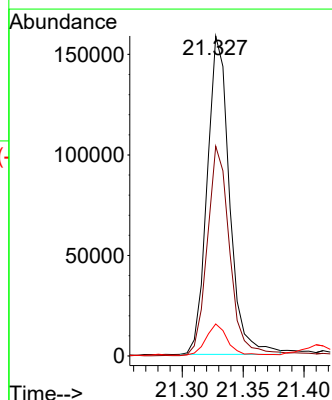
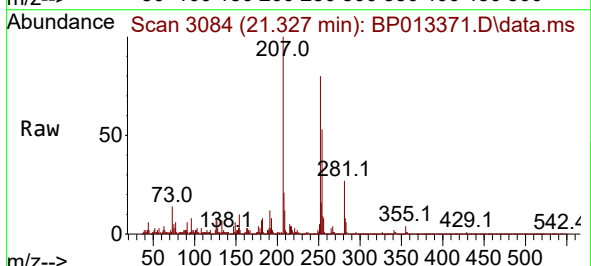
Tgt Ion:252 Resp: 201825

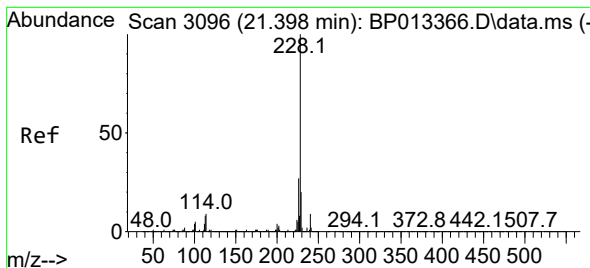
Ion Ratio Lower Upper

252 100

254 65.6 51.8 77.8

126 10.0 7.4 11.2





#85

Benzo(a)anthracene

Concen: 3.550 ng/ul

RT: 21.398 min Scan# 3096

Delta R.T. -0.006 min

Lab File: BP013371.D

Acq: 30 Dec 2022 14:32

Instrument :

BNA_P

ClientSampleId :

MDL-MED-SOIL-QT4-2022-07

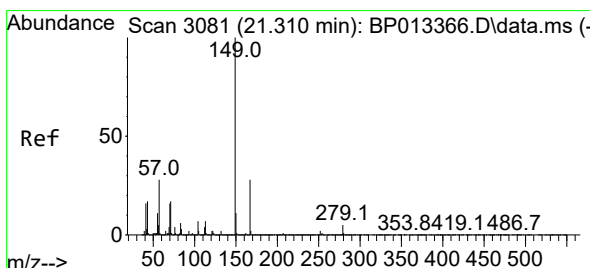
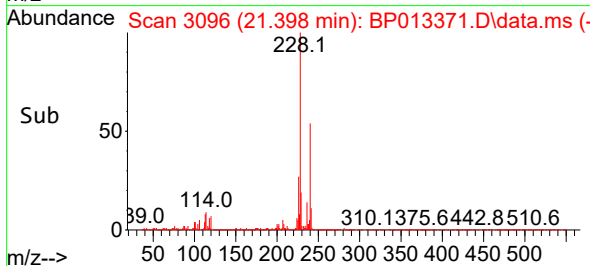
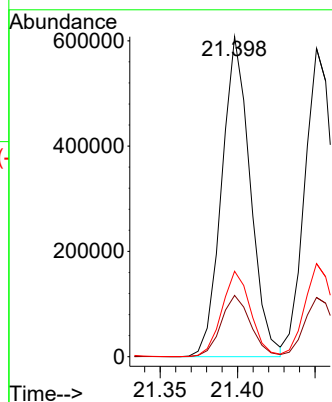
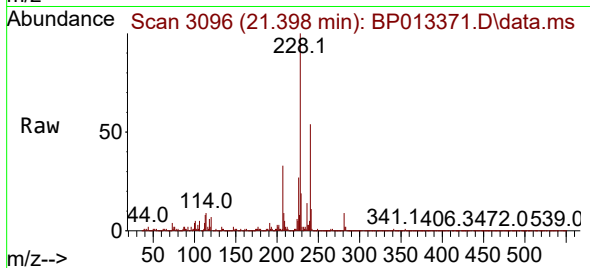
Tgt Ion:228 Resp: 777913

Ion Ratio Lower Upper

228 100

229 19.2 16.1 24.1

226 26.7 22.0 33.0



#86

Bis(2-ethylhexyl)phthalate

Concen: 2.661 ng/ul

RT: 21.310 min Scan# 3081

Delta R.T. -0.006 min

Lab File: BP013371.D

Acq: 30 Dec 2022 14:32

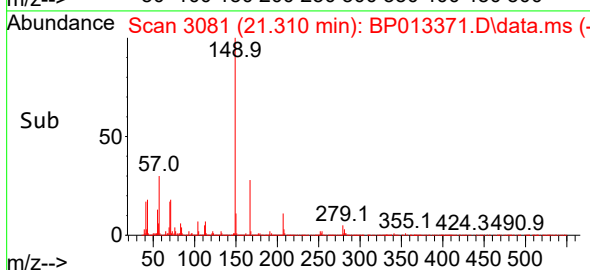
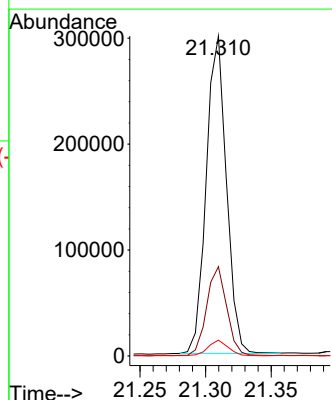
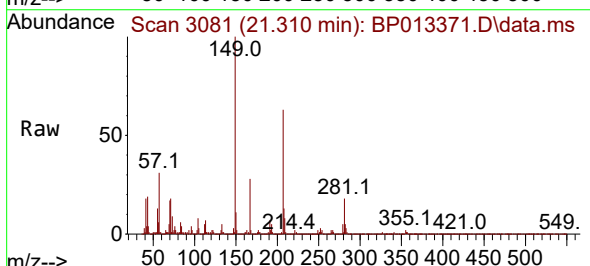
Tgt Ion:149 Resp: 321616

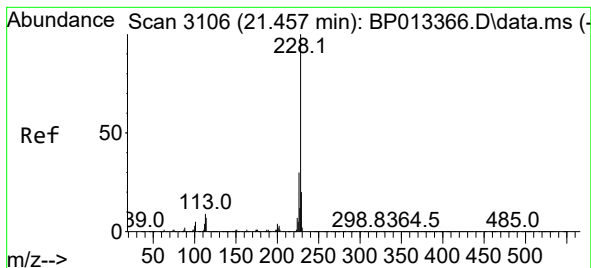
Ion Ratio Lower Upper

149 100

167 27.9 22.5 33.7

279 4.9 3.8 5.8





#87

Chrysene

Concen: 3.639 ng/ul

RT: 21.451 min Scan# 3106

Delta R.T. -0.012 min

Lab File: BP013371.D

Acq: 30 Dec 2022 14:32

Instrument :

BNA_P

ClientSampleId :

MDL-MED-SOIL-QT4-2022-07

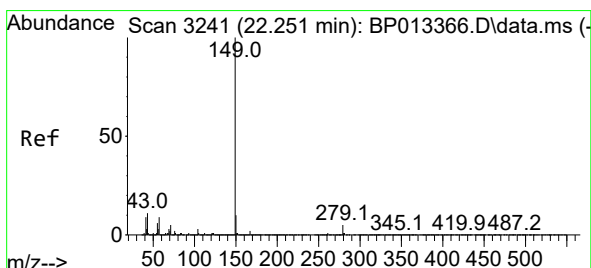
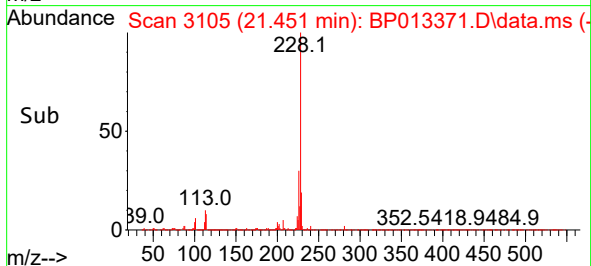
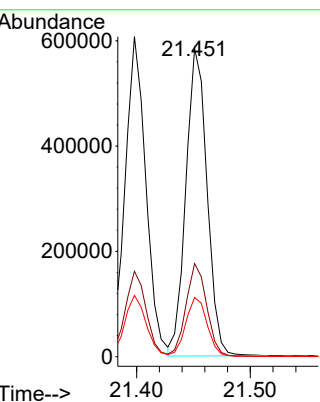
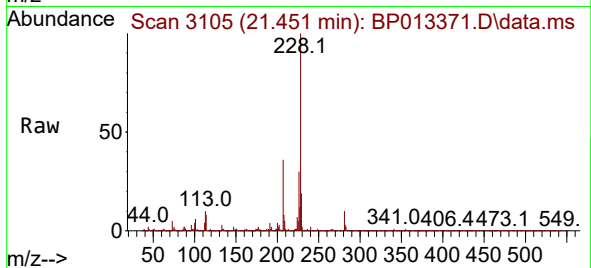
Tgt Ion:228 Resp: 754127

Ion Ratio Lower Upper

228 100

226 30.2 24.5 36.7

229 19.2 16.0 24.0



#89

Di-n-octyl phthalate

Concen: 2.971 ng/ul

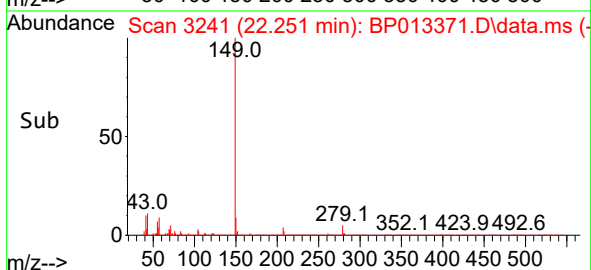
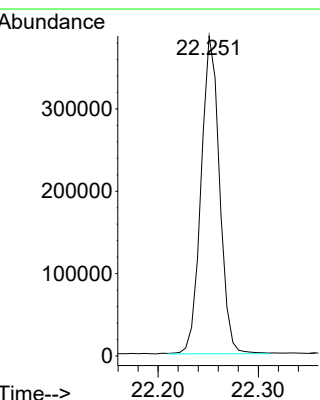
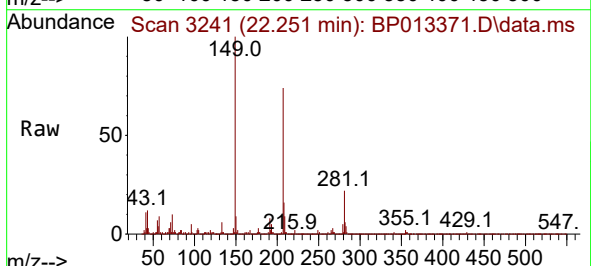
RT: 22.251 min Scan# 3241

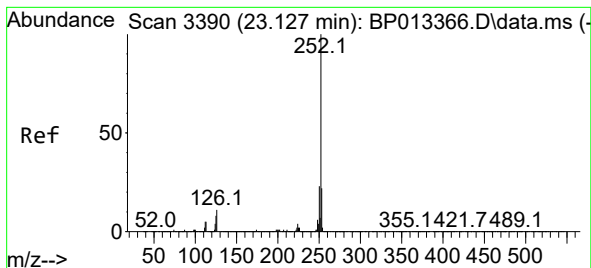
Delta R.T. -0.012 min

Lab File: BP013371.D

Acq: 30 Dec 2022 14:32

Tgt Ion:149 Resp: 493423





#90

Benzo(b)fluoranthene

Concen: 3.562 ng/ul

RT: 23.121 min Scan# 3389

Delta R.T. -0.018 min

Lab File: BP013371.D

Acq: 30 Dec 2022 14:32

Instrument :

BNA_P

ClientSampleId :

MDL-MED-SOIL-QT4-2022-07

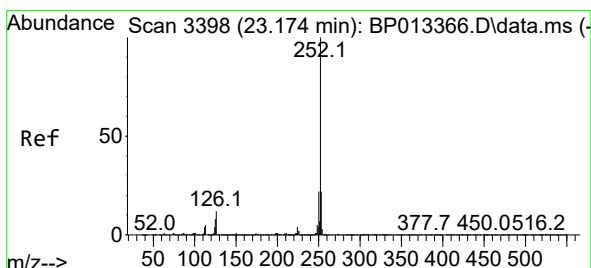
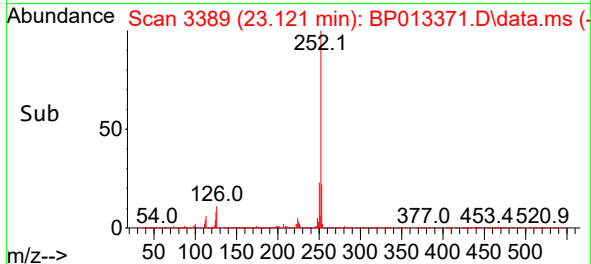
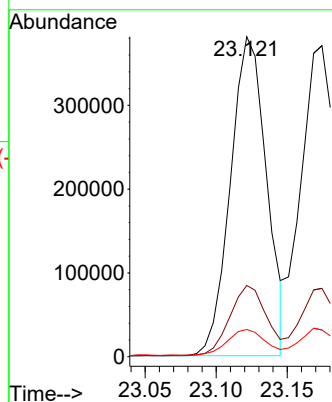
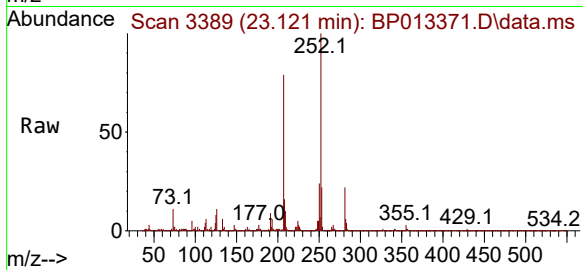
Tgt Ion:252 Resp: 673229

Ion Ratio Lower Upper

252 100

253 22.2 17.7 26.5

125 8.5 6.8 10.2



#91

Benzo(k)fluoranthene

Concen: 3.612 ng/ul

RT: 23.174 min Scan# 3398

Delta R.T. -0.012 min

Lab File: BP013371.D

Acq: 30 Dec 2022 14:32

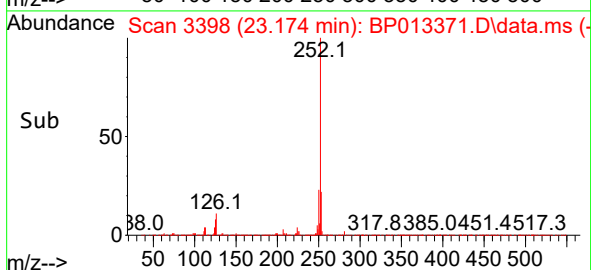
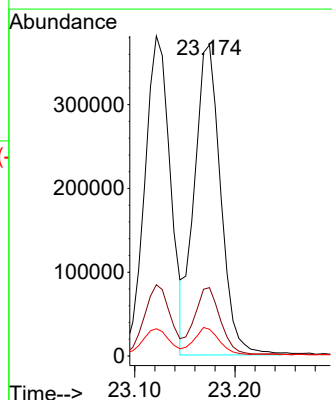
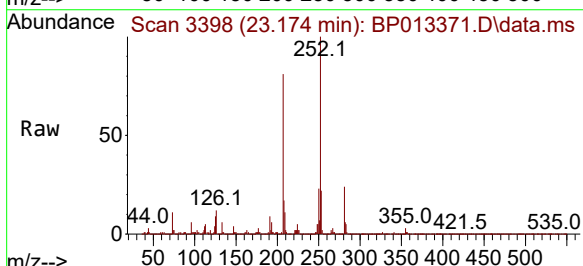
Tgt Ion:252 Resp: 676972

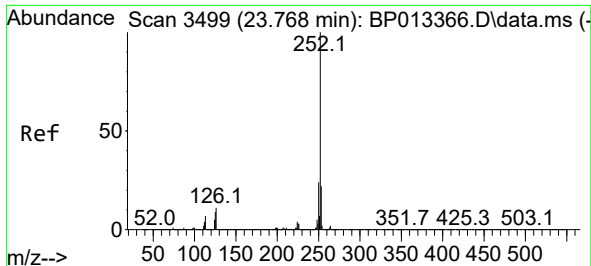
Ion Ratio Lower Upper

252 100

253 22.0 17.7 26.5

125 8.6 6.8 10.2

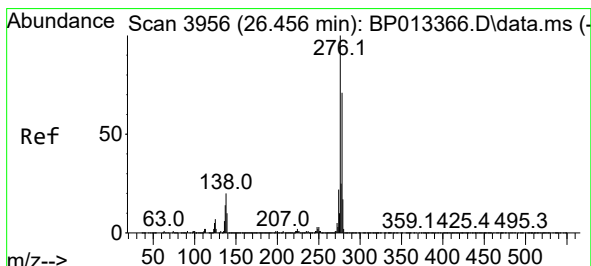
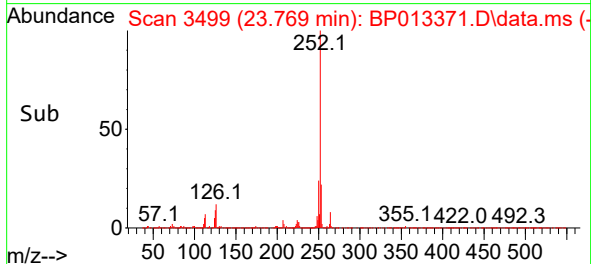
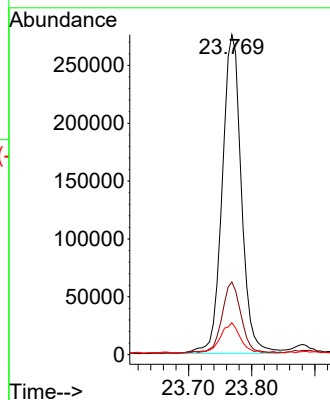
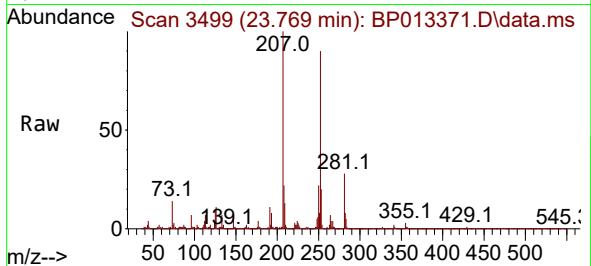




#93
Benzo(a)pyrene
Concen: 3.520 ng/ul
RT: 23.769 min Scan# 3499
Delta R.T. -0.012 min
Lab File: BP013371.D
Acq: 30 Dec 2022 14:32

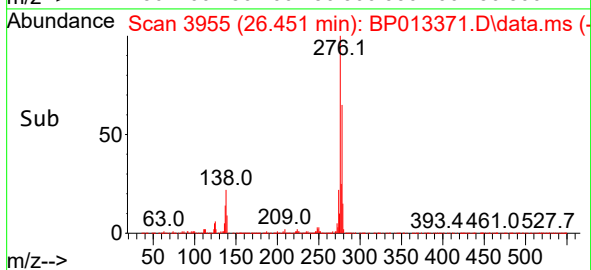
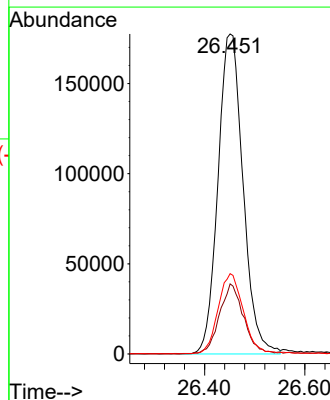
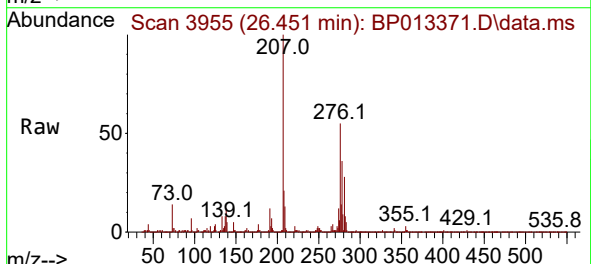
Instrument :
BNA_P
ClientSampleId :
MDL-MED-SOIL-QT4-2022-07

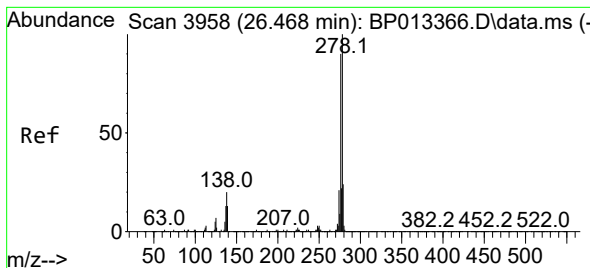
Tgt Ion:252 Resp: 579394
Ion Ratio Lower Upper
252 100
253 22.7 17.5 26.3
125 10.0 7.5 11.3



#94
Indeno(1,2,3-cd)pyrene
Concen: 3.001 ng/ul
RT: 26.451 min Scan# 3955
Delta R.T. -0.023 min
Lab File: BP013371.D
Acq: 30 Dec 2022 14:32

Tgt Ion:276 Resp: 615263
Ion Ratio Lower Upper
276 100
138 21.9 17.1 25.7
277 25.1 20.0 30.0





#95

Dibenzo(a,h)anthracene

Concen: 3.030 ng/ul

RT: 26.468 min Scan# 3958

Delta R.T. -0.023 min

Lab File: BP013371.D

Acq: 30 Dec 2022 14:32

Instrument :

BNA_P

ClientSampleId :

MDL-MED-SOIL-QT4-2022-07

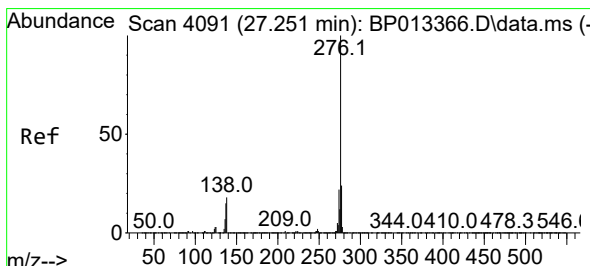
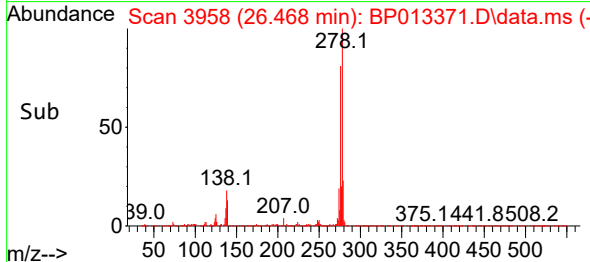
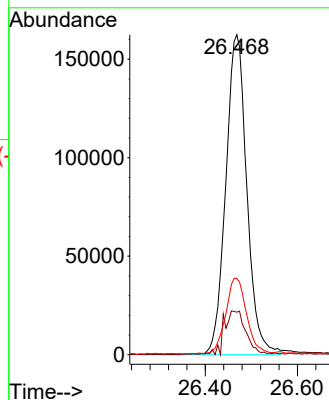
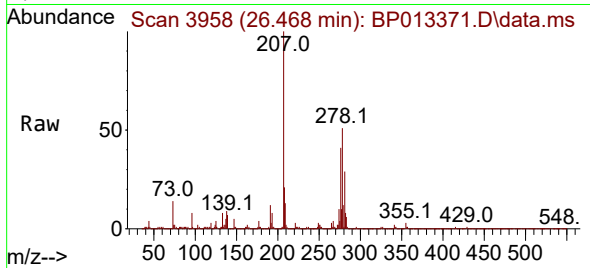
Tgt Ion:278 Resp: 514358

Ion Ratio Lower Upper

278 100

139 13.3 11.1 16.7

279 23.8 19.0 28.6



#96

Benzo(g,h,i)perylene

Concen: 3.045 ng/ul

RT: 27.239 min Scan# 4089

Delta R.T. -0.023 min

Lab File: BP013371.D

Acq: 30 Dec 2022 14:32

Tgt Ion:276 Resp: 501192

Ion Ratio Lower Upper

276 100

138 17.6 15.4 23.2

277 22.9 19.1 28.7

