

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111422\
 Data File : BP012649.D
 Acq On : 14 Nov 2022 12:46
 Operator : CG/JU
 Sample : N5529-01MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 NMS-SOIL-1108MS

Quant Time: Nov 14 16:58:43 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 14 04:00:17 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.705	152	215327	20.000	ng	0.00
21) Naphthalene-d8	10.505	136	802089	20.000	ng	0.00
39) Acenaphthene-d10	14.369	164	458833	20.000	ng	0.00
64) Phenanthrene-d10	17.134	188	913002	20.000	ng	0.00
76) Chrysene-d12	21.239	240	1019019	20.000	ng	0.00
86) Perylene-d12	23.580	264	1223267	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.293	112	1516743	131.162	ng	0.00
7) Phenol-d6	6.899	99	1847517	115.101	ng	0.00
23) Nitrobenzene-d5	8.881	82	1121168	77.548	ng	0.00
42) 2,4,6-Tribromophenol	15.875	330	753741	120.335	ng	0.00
45) 2-Fluorobiphenyl	12.987	172	2238901	74.076	ng	0.00
79) Terphenyl-d14	19.704	244	3246085	64.535	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.199	88	214671	43.272	ng	99
3) Pyridine	3.599	79	543995	37.618	ng	99
4) n-Nitrosodimethylamine	3.517	42	229621	42.895	ng	97
6) Aniline	7.046	93	512279	25.222	ng	98
8) 2-Chlorophenol	7.275	128	596658	40.742	ng	99
9) Benzaldehyde	6.858	77	337288	33.314	ng	99
10) Phenol	6.922	94	712137	39.270	ng	99
11) bis(2-Chloroethyl)ether	7.146	93	584342	38.968	ng	98
12) 1,3-Dichlorobenzene	7.593	146	676013	41.891	ng	100
13) 1,4-Dichlorobenzene	7.746	146	677913	41.046	ng	99
14) 1,2-Dichlorobenzene	8.058	146	647854	41.222	ng	100
15) Benzyl Alcohol	7.963	79	484601	40.339	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.246	45	716519	36.793	ng	99
17) 2-Methylphenol	8.169	107	469739	37.594	ng	99
18) Hexachloroethane	8.775	117	243948	41.302	ng	99
19) n-Nitroso-di-n-propyla...	8.528	70	392108	33.652	ng	99
20) 3+4-Methylphenols	8.499	107	625361	35.610	ng	99
22) Acetophenone	8.540	105	841672	42.135	ng	99
24) Nitrobenzene	8.922	77	623379	41.416	ng	99
25) Isophorone	9.446	82	1086996	40.021	ng	99
26) 2-Nitrophenol	9.628	139	307794	42.605	ng	99
27) 2,4-Dimethylphenol	9.699	122	506226	46.904	ng	98
28) bis(2-Chloroethoxy)met...	9.934	93	710295	42.207	ng	99
29) 2,4-Dichlorophenol	10.163	162	519354	40.621	ng	99
30) 1,2,4-Trichlorobenzene	10.369	180	576459	41.604	ng	100
31) Naphthalene	10.557	128	1734127	39.797	ng	100
32) Benzoic acid	9.857	122	369514	34.871	ng	97
33) 4-Chloroaniline	10.687	127	249716	13.740	ng	100
34) Hexachlorobutadiene	10.828	225	369821	42.187	ng	100
35) Caprolactam	11.499	113	147846	34.597	ng	98
36) 4-Chloro-3-methylphenol	11.822	107	527925	36.583	ng	99
37) 2-Methylnaphthalene	12.175	142	1171986	37.523	ng	99
38) 1-Methylnaphthalene	12.393	142	1089320	35.645	ng	100
40) 1,2,4,5-Tetrachloroben...	12.546	216	617576	45.172	ng	99
41) Hexachlorocyclopentadiene	12.516	237	643628	91.463	ng	100
43) 2,4,6-Trichlorophenol	12.799	196	400017	41.653	ng	98

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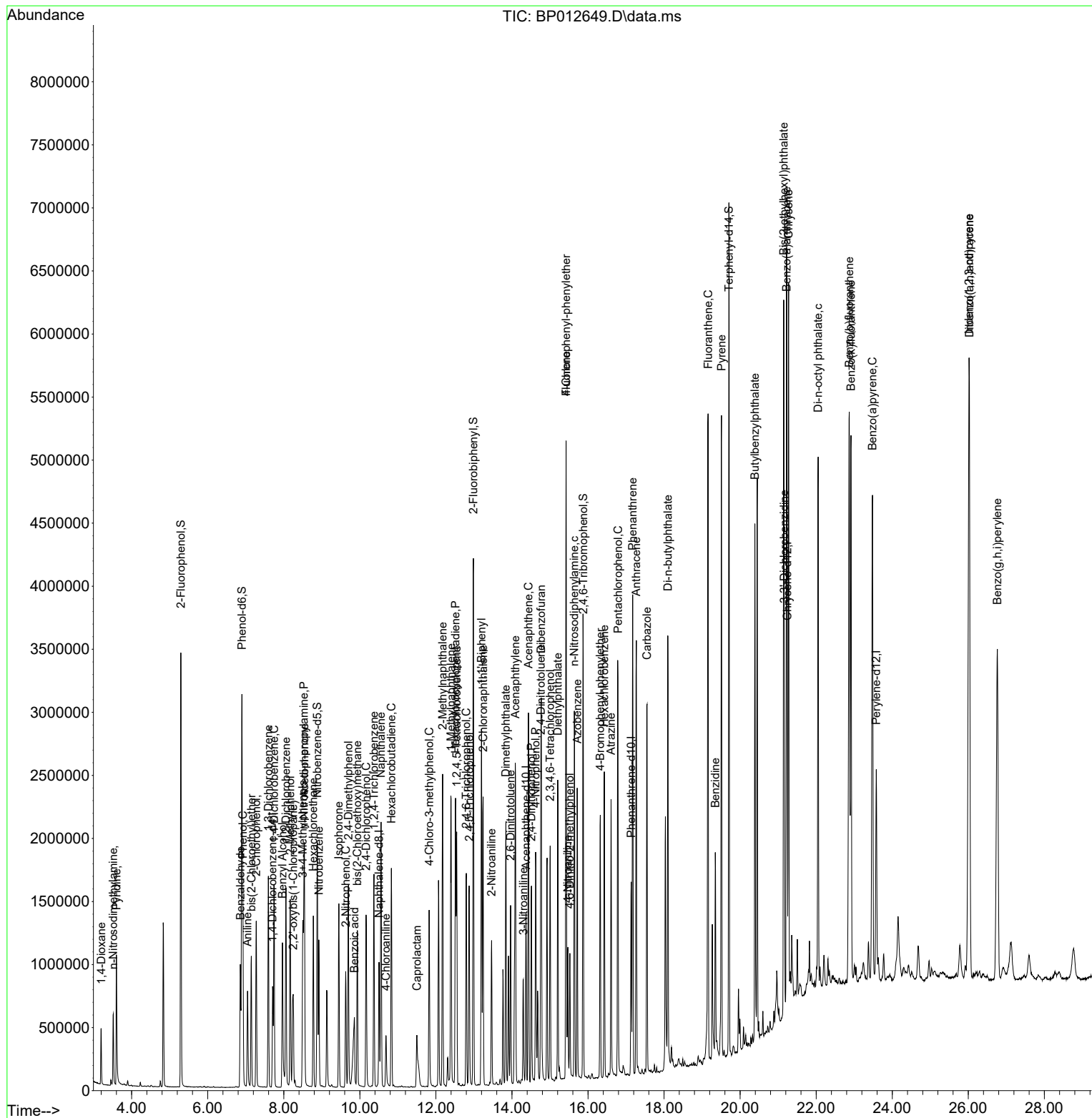
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.875	196	431844	40.285	ng	99
46) 1,1'-Biphenyl	13.198	154	1470769	43.284	ng	100
47) 2-Chloronaphthalene	13.240	162	1131672	42.433	ng	99
48) 2-Nitroaniline	13.463	65	316825	39.280	ng	99
49) Acenaphthylene	14.087	152	1781371	42.063	ng	100
50) Dimethylphthalate	13.840	163	1364162	37.622	ng	100
51) 2,6-Dinitrotoluene	13.963	165	299174	38.690	ng	99
52) Acenaphthene	14.434	154	1039083	40.309	ng	100
53) 3-Nitroaniline	14.298	138	220214	26.461	ng	98
54) 2,4-Dinitrophenol	14.510	184	346215	64.106	ng	98
55) Dibenzofuran	14.769	168	1626929	39.931	ng	99
56) 4-Nitrophenol	14.622	139	528932	76.475	ng	96
57) 2,4-Dinitrotoluene	14.757	165	390461	39.181	ng	99
58) Fluorene	15.422	166	1285494	39.969	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.004	232	373068	37.787	ng	99
60) Diethylphthalate	15.204	149	1371779	37.791	ng	100
61) 4-Chlorophenyl-phenyle...	15.422	204	638931	40.079	ng	98
62) 4-Nitroaniline	15.469	138	274556	32.242	ng	99
63) Azobenzene	15.716	77	1236878	38.013	ng	99
65) 4,6-Dinitro-2-methylph...	15.522	198	211256	34.057	ng	95
66) n-Nitrosodiphenylamine	15.640	169	1113639	41.351	ng	99
67) 4-Bromophenyl-phenylether	16.322	248	424200	41.332	ng	99
68) Hexachlorobenzene	16.428	284	505154	41.235	ng	99
69) Atrazine	16.604	200	405169	43.146	ng	98
70) Pentachlorophenol	16.787	266	632555	83.705	ng	99
71) Phenanthrene	17.175	178	2227158	44.253	ng	100
72) Anthracene	17.269	178	2137326	44.263	ng	99
73) Carbazole	17.551	167	1892666	41.857	ng	99
74) Di-n-butylphthalate	18.098	149	2482103	43.956	ng	100
75) Fluoranthene	19.157	202	3051783	51.740	ng	98
77) Benzidine	19.345	184	957077	42.571	ng	100
78) Pyrene	19.510	202	3110565	44.248	ng	99
80) Butylbenzylphthalate	20.386	149	1147630	38.545	ng	99
81) Benzo(a)anthracene	21.222	228	3059086	44.895	ng	100
82) 3,3'-Dichlorobenzidine	21.163	252	862496	37.068	ng	99
83) Chrysene	21.275	228	2843572	43.783	ng	100
84) Bis(2-ethylhexyl)phtha...	21.145	149	1881718	46.210	ng	99
85) Di-n-octyl phthalate	22.051	149	3026256	44.055	ng	99
87) Indeno(1,2,3-cd)pyrene	26.015	276	4145804	47.825	ng	98
88) Benzo(b)fluoranthene	22.869	252	3612427	45.903	ng	99
89) Benzo(k)fluoranthene	22.916	252	3146023	40.970	ng	99
90) Benzo(a)pyrene	23.480	252	3135103	48.784	ng	99
91) Dibenzo(a,h)anthracene	26.027	278	3333395	46.005	ng	99
92) Benzo(g,h,i)perylene	26.762	276	3585503	50.678	ng	98

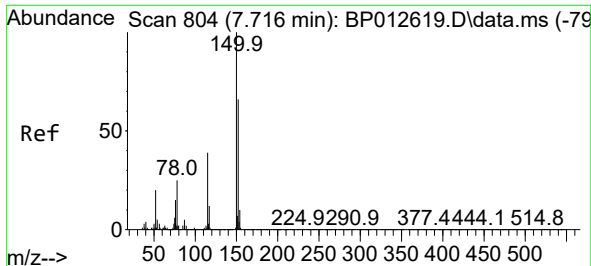
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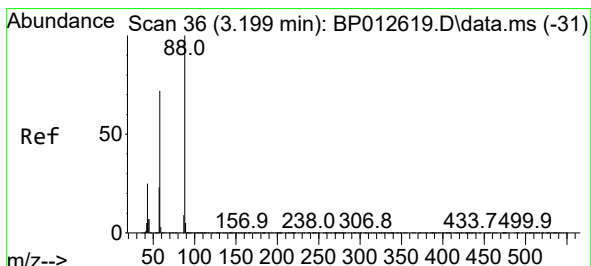
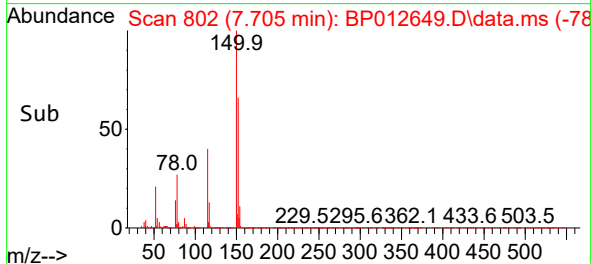
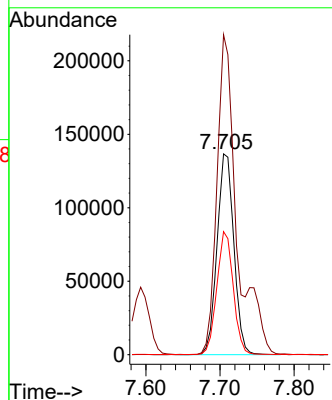
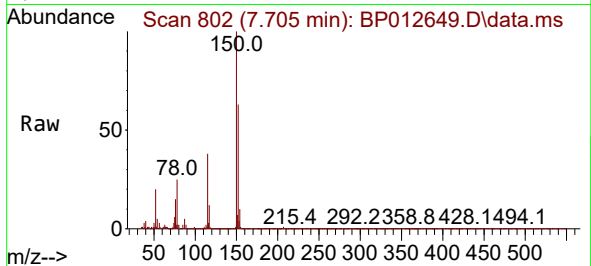




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.705 min Scan# 804
 Delta R.T. -0.005 min
 Lab File: BP012649.D
 Acq: 14 Nov 2022 12:46

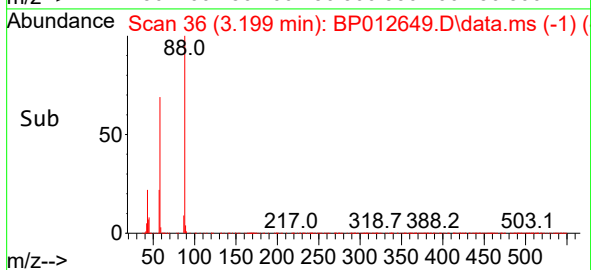
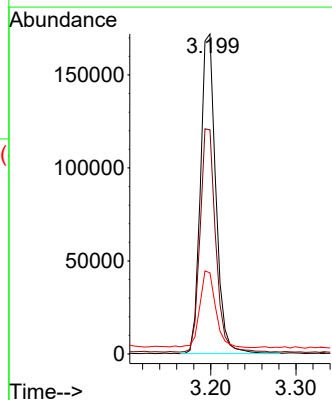
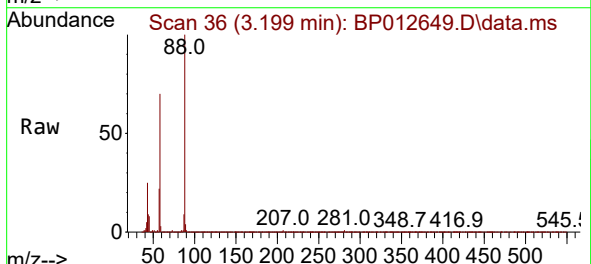
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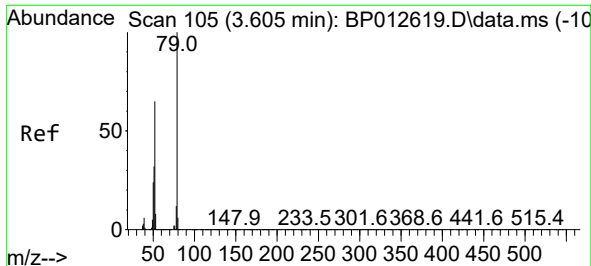
Tgt Ion:152 Resp: 215327
 Ion Ratio Lower Upper
 152 100
 150 159.3 122.1 183.1
 115 61.3 47.3 70.9



#2
 1,4-Dioxane
 Concen: 43.272 ng
 RT: 3.199 min Scan# 36
 Delta R.T. 0.000 min
 Lab File: BP012649.D
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Tgt Ion: 88 Resp: 214671
 Ion Ratio Lower Upper
 88 100
 58 70.9 57.0 85.6
 43 24.9 19.5 29.3

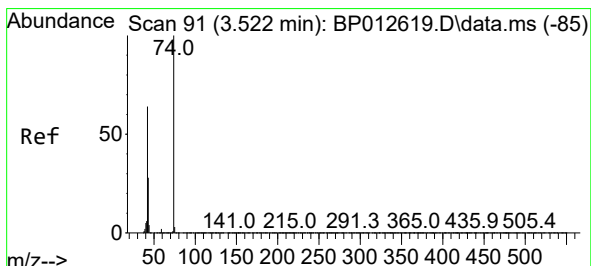
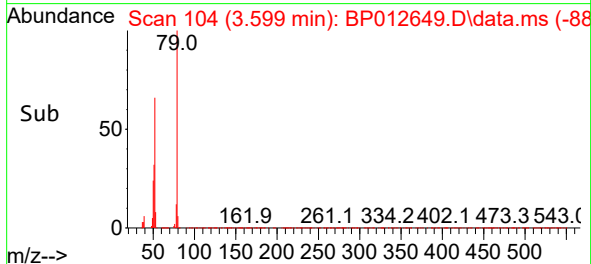
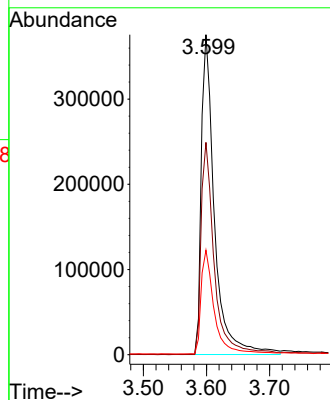
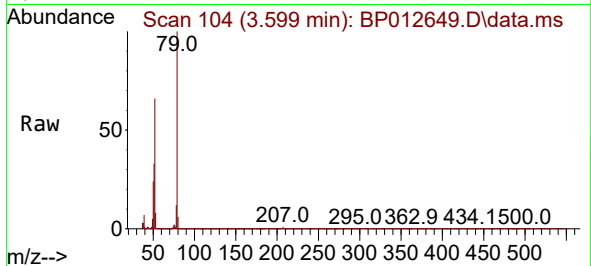




#3
Pyridine
Concen: 37.618 ng
RT: 3.599 min Scan# 104
Delta R.T. -0.006 min
Lab File: BP012649.D
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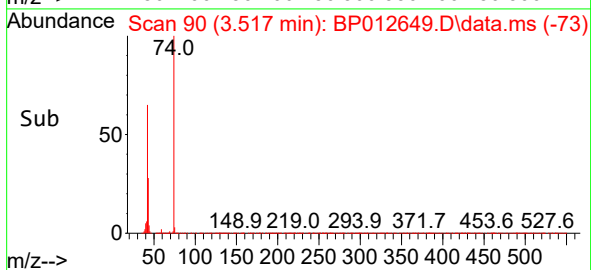
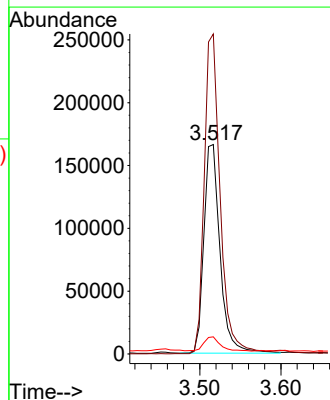
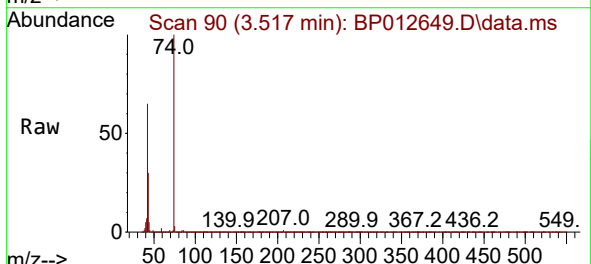
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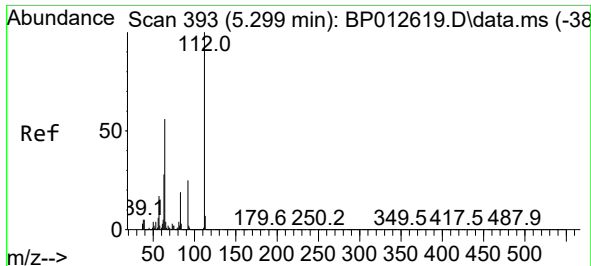
Tgt Ion: 79 Resp: 543995
Ion Ratio Lower Upper
79 100
52 66.4 52.2 78.4
51 32.7 26.2 39.2



#4
n-Nitrosodimethylamine
Concen: 42.895 ng
RT: 3.517 min Scan# 90
Delta R.T. 0.000 min
Lab File: BP012649.D
Acq: 14 Nov 2022 12:46

Tgt Ion: 42 Resp: 229621
Ion Ratio Lower Upper
42 100
74 152.8 125.1 187.7
44 8.2 5.9 8.9

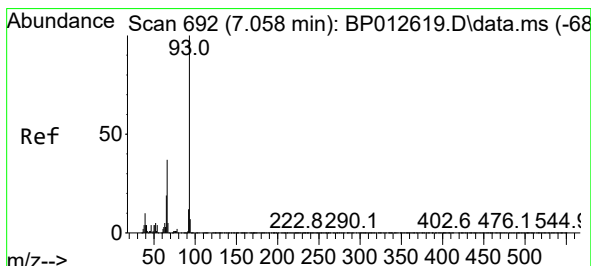
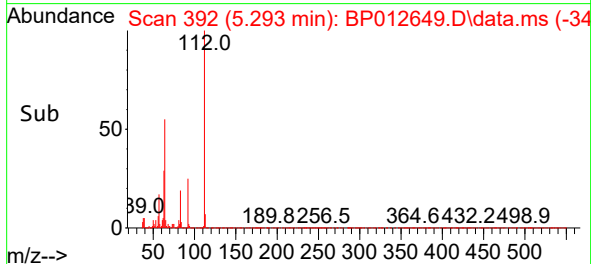
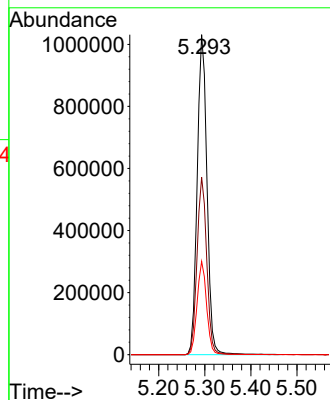
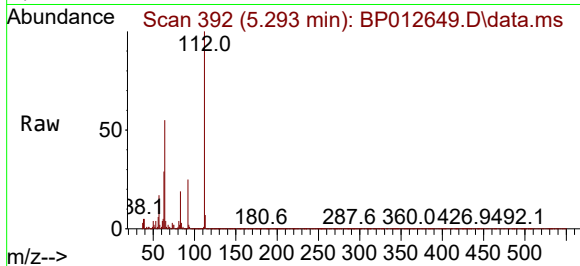




#5
2-Fluorophenol
Concen: 131.162 ng
RT: 5.293 min Scan# 393
Delta R.T. 0.000 min
Lab File: BP012649.D
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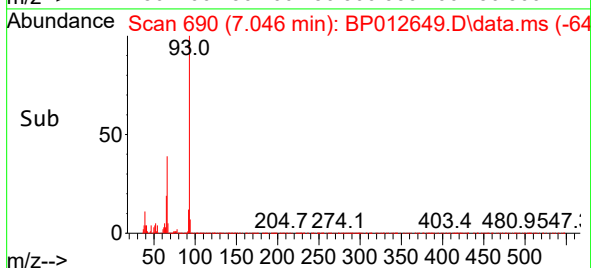
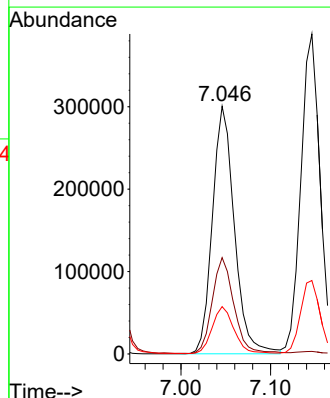
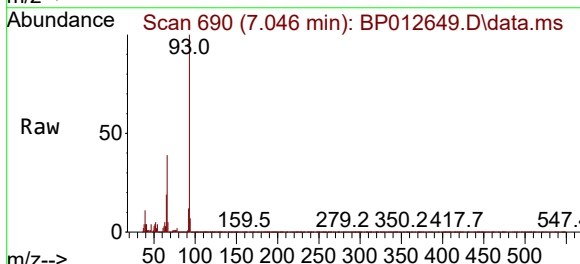
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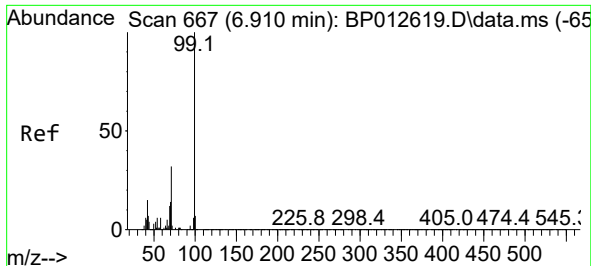
Tgt Ion:112 Resp: 1516743
Ion Ratio Lower Upper
112 100
64 55.5 44.6 67.0
63 29.2 22.8 34.2



#6
Aniline
Concen: 25.222 ng
RT: 7.046 min Scan# 690
Delta R.T. -0.006 min
Lab File: BP012649.D
Acq: 14 Nov 2022 12:46

Tgt Ion: 93 Resp: 512279
Ion Ratio Lower Upper
93 100
66 38.9 29.8 44.6
65 19.1 15.4 23.2

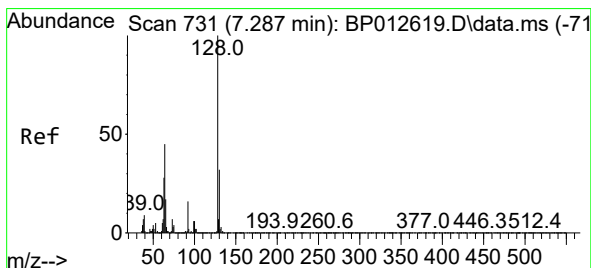
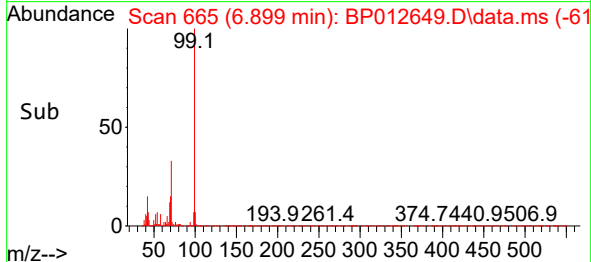
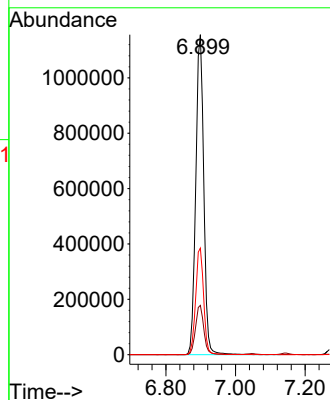
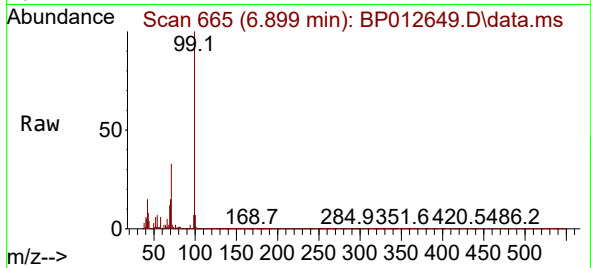




#7
Phenol-d6
Concen: 115.101 ng
RT: 6.899 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP012649.D
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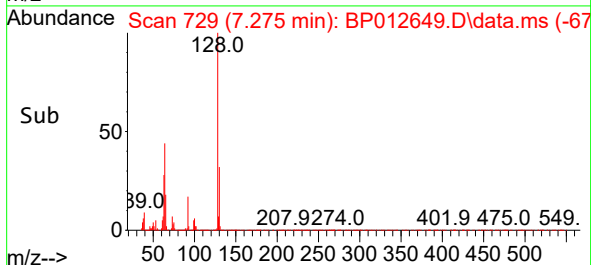
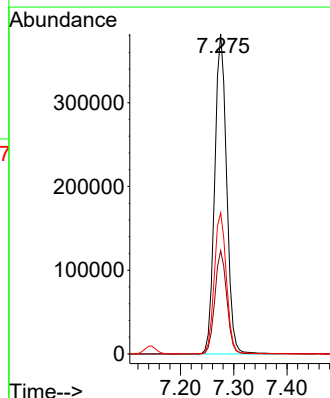
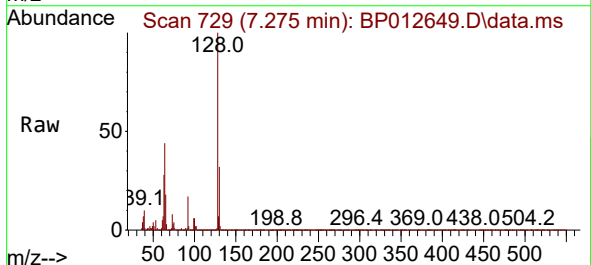
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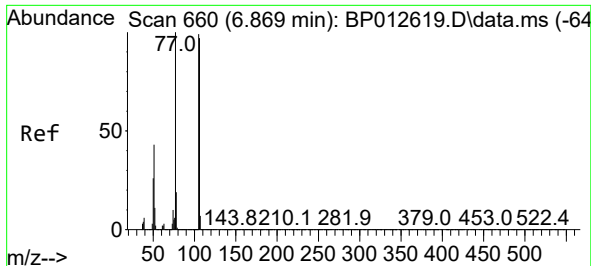
Tgt Ion: 99 Resp: 1847517
Ion Ratio Lower Upper
99 100
42 15.4 12.2 18.2
71 33.3 26.0 39.0



#8
2-Chlorophenol
Concen: 40.742 ng
RT: 7.275 min Scan# 729
Delta R.T. -0.006 min
Lab File: BP012649.D
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Tgt Ion:128 Resp: 596658
Ion Ratio Lower Upper
128 100
130 32.3 11.9 51.9
64 44.1 24.6 64.6

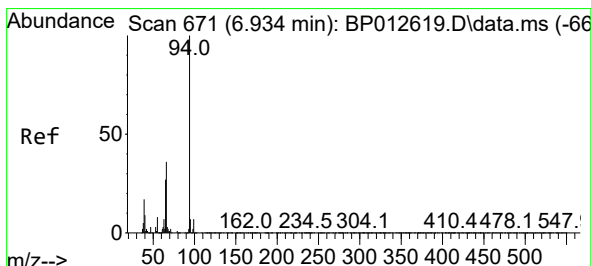
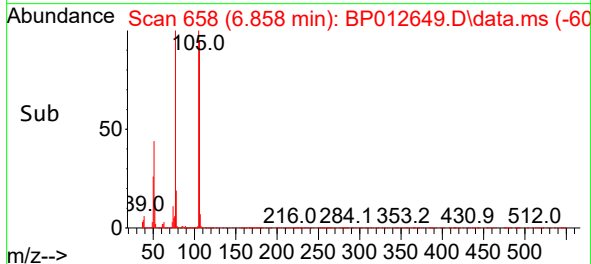
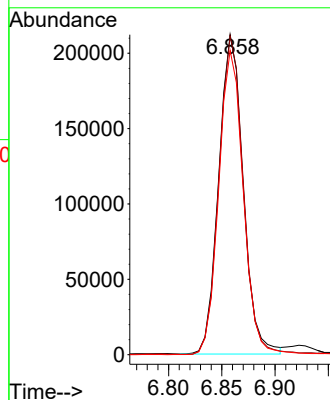
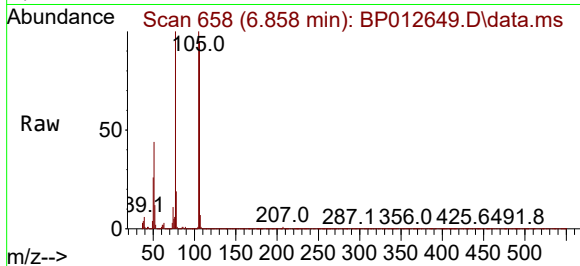




#9
Benzaldehyde
Concen: 33.314 ng
RT: 6.858 min Scan# 61
Delta R.T. -0.006 min
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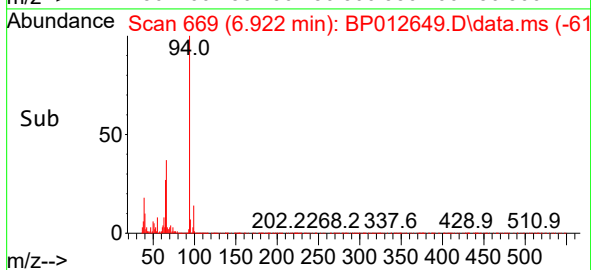
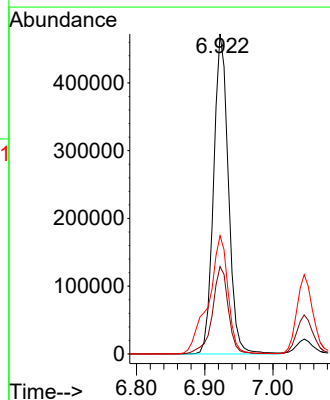
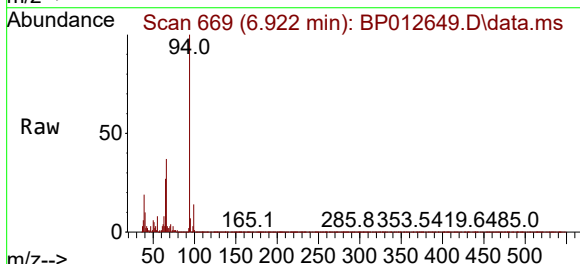
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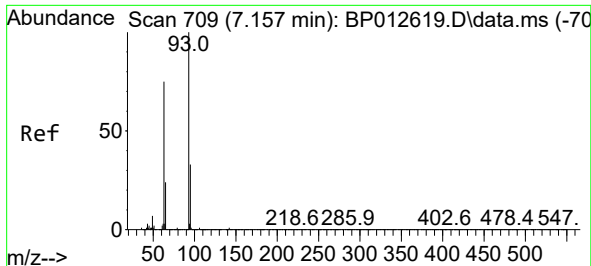
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Ion Ratio Lower Upper
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105 99.6 79.5 119.5
106 95.1 76.9 116.9



#10
Phenol
Concen: 39.270 ng
RT: 6.922 min Scan# 669
Delta R.T. -0.006 min
Lab File: BP012649.D
Acq: 14 Nov 2022 12:46

Tgt Ion: 94 Resp: 712137
Ion Ratio Lower Upper
94 100
65 27.3 7.5 47.5
66 37.0 16.3 56.3

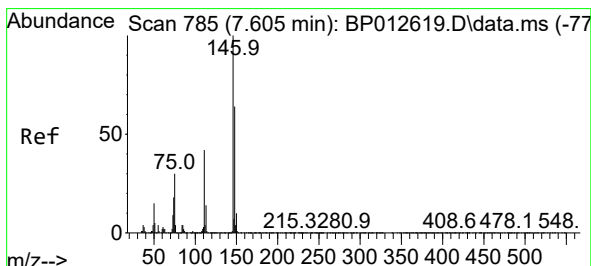
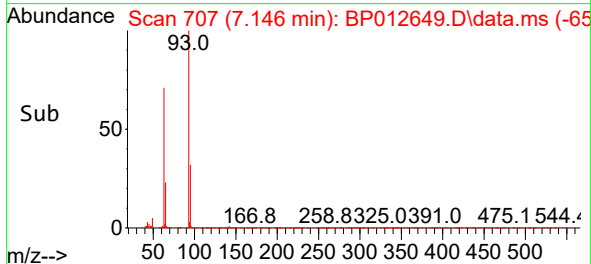
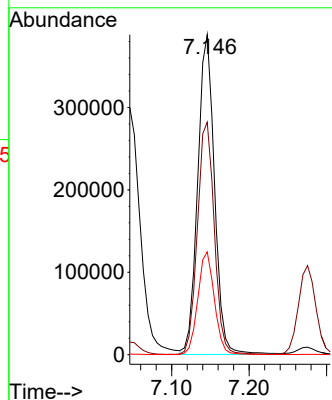
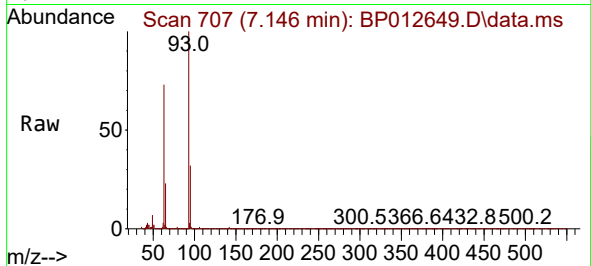




#11
bis(2-Chloroethyl)ether
Concen: 38.968 ng
RT: 7.146 min Scan# 709
Delta R.T. -0.006 min
Lab File: BP012649.D
Acq: 14 Nov 2022 12:46

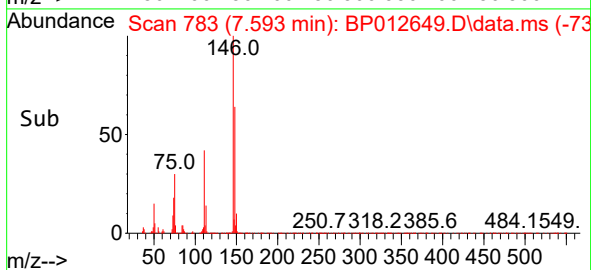
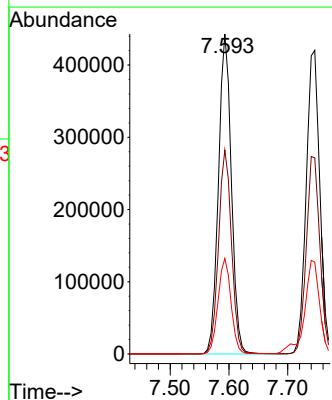
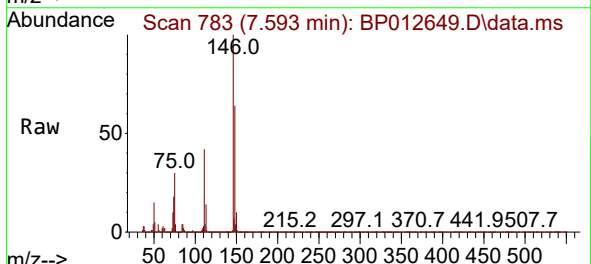
Instrument :
BNA_P
ClientSampleId :
NMS-SOIL-1108MS

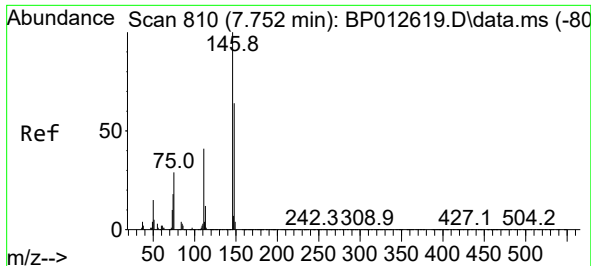
Tgt Ion: 93 Resp: 584342
Ion Ratio Lower Upper
93 100
63 72.6 54.2 94.2
95 32.2 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 41.891 ng
RT: 7.593 min Scan# 783
Delta R.T. -0.006 min
Lab File: BP012649.D
Acq: 14 Nov 2022 12:46

Tgt Ion: 146 Resp: 676013
Ion Ratio Lower Upper
146 100
148 63.7 51.2 76.8
75 29.9 23.7 35.5





#13

1,4-Dichlorobenzene

Concen: 41.046 ng

RT: 7.746 min Scan# 80

Delta R.T. 0.000 min

Lab File: BP012649.D

Acq: 14 Nov 2022 12:46

Instrument :

BNA_P

ClientSampleId :

NMS-SOIL-1108MS

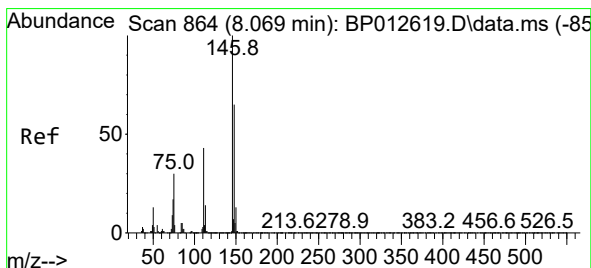
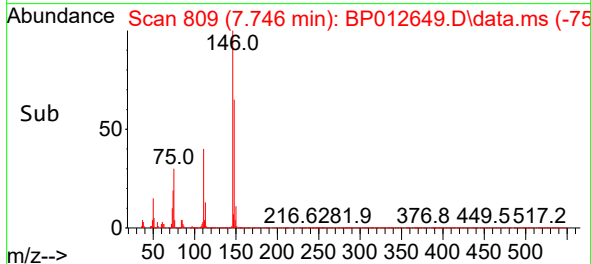
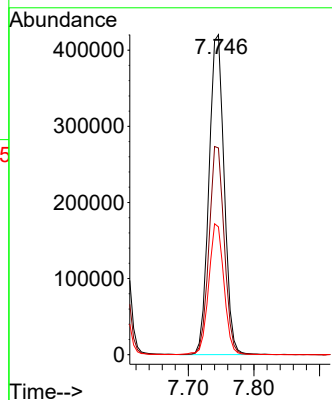
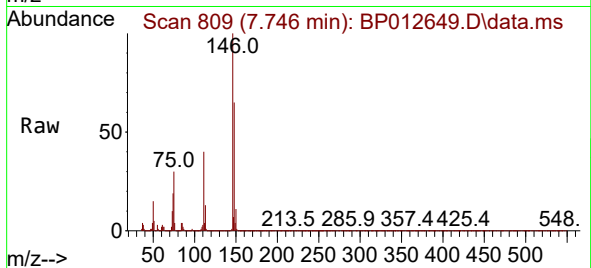
Tgt Ion:146 Resp: 677913

Ion Ratio Lower Upper

146 100

148 64.6 51.1 76.7

111 40.0 32.8 49.2



#14

1,2-Dichlorobenzene

Concen: 41.222 ng

RT: 8.058 min Scan# 862

Delta R.T. -0.006 min

Lab File: BP012649.D

Acq: 14 Nov 2022 12:46

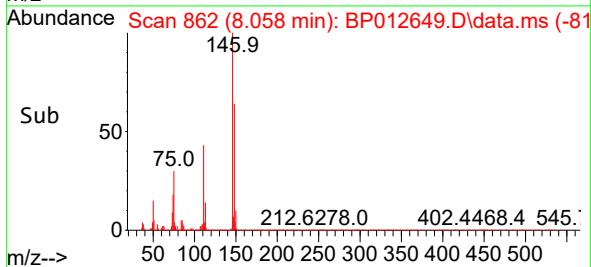
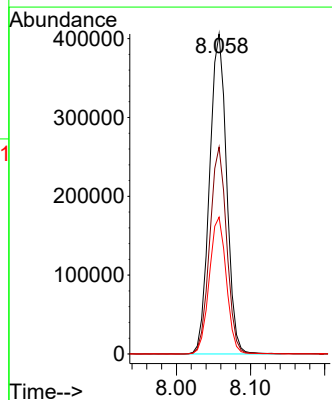
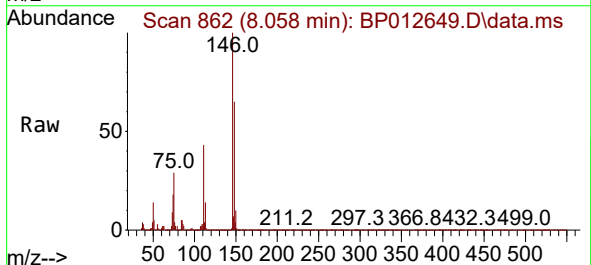
Tgt Ion:146 Resp: 647854

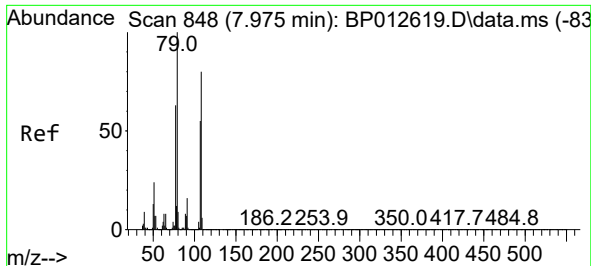
Ion Ratio Lower Upper

146 100

148 64.7 52.1 78.1

111 42.7 34.2 51.2

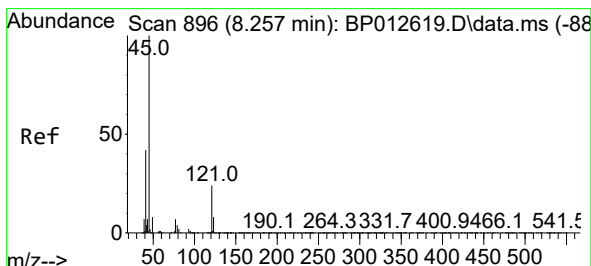
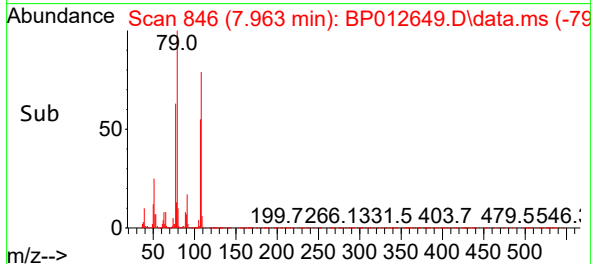
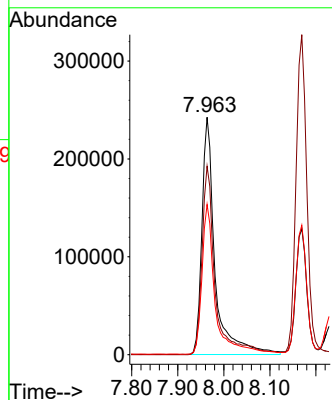
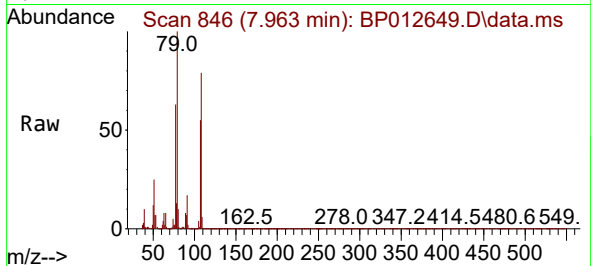




#15
Benzyl Alcohol
Concen: 40.339 ng
RT: 7.963 min Scan# 84
Delta R.T. -0.006 min
Lab File: BP012649.D
Acq: 14 Nov 2022 12:46

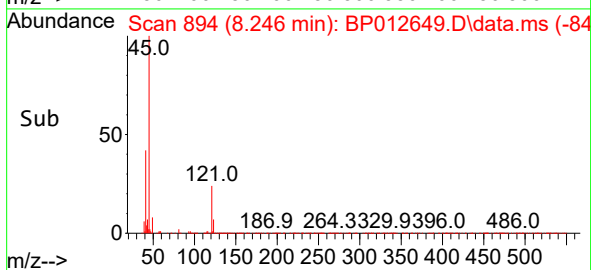
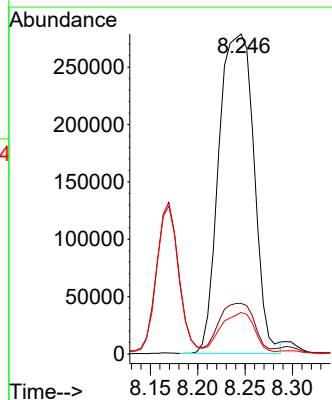
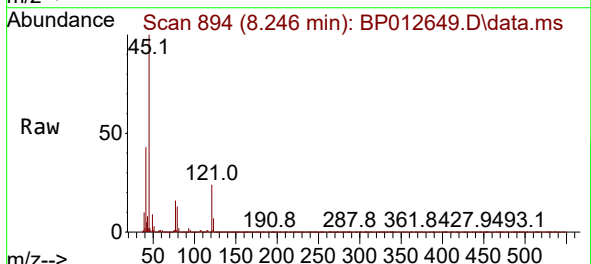
Instrument :
BNA_P
ClientSampleId :
NMS-SOIL-1108MS

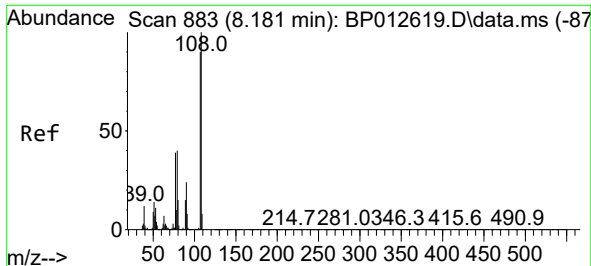
Tgt Ion: 79 Resp: 484601
Ion Ratio Lower Upper
79 100
108 79.4 63.7 95.5
77 63.3 50.2 75.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.793 ng
RT: 8.246 min Scan# 894
Delta R.T. -0.006 min
Lab File: BP012649.D
Acq: 14 Nov 2022 12:46

Tgt Ion: 45 Resp: 716519
Ion Ratio Lower Upper
45 100
77 15.8 0.0 36.1
79 12.9 0.0 32.6





#17

2-Methylphenol

Concen: 37.594 ng

RT: 8.169 min Scan# 81

Delta R.T. 0.000 min

Lab File: BP012649.D

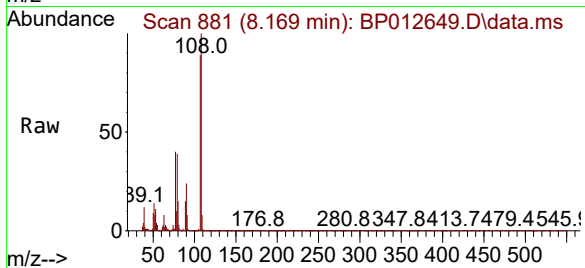
Acq: 14 Nov 2022 12:46

Instrument :

BNA_P

ClientSampleId :

NMS-SOIL-1108MS



Tgt Ion:107 Resp: 469739

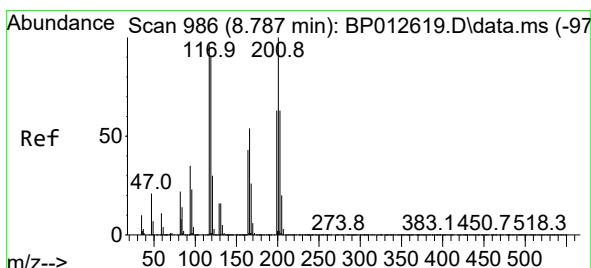
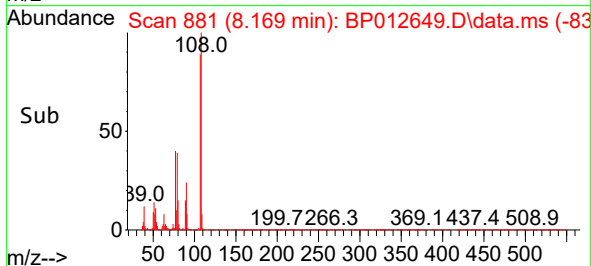
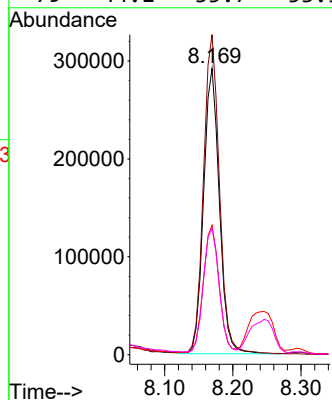
Ion Ratio Lower Upper

107 100

108 111.8 89.0 133.4

77 45.2 35.3 52.9

79 44.1 35.7 53.5



#18

Hexachloroethane

Concen: 41.302 ng

RT: 8.775 min Scan# 984

Delta R.T. -0.006 min

Lab File: BP012649.D

Acq: 14 Nov 2022 12:46

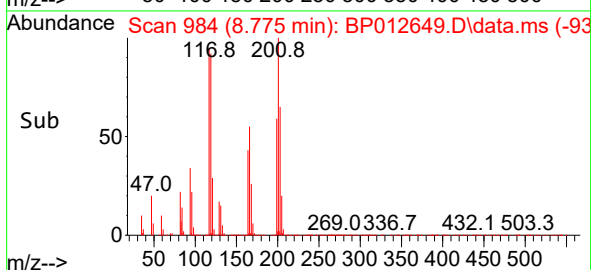
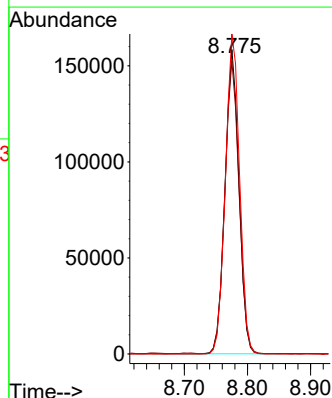
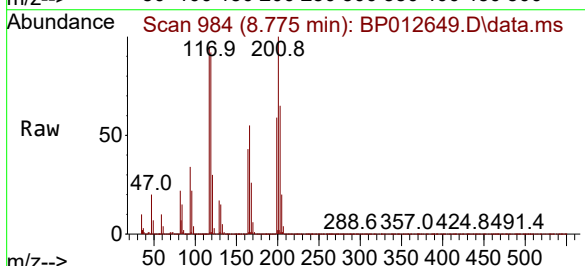
Tgt Ion:117 Resp: 243948

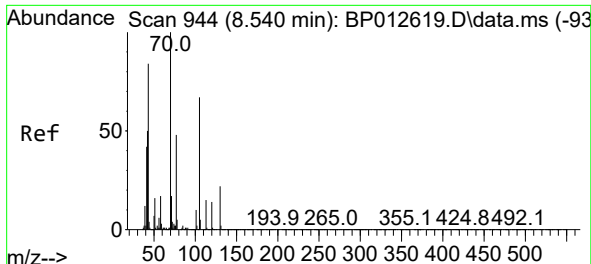
Ion Ratio Lower Upper

117 100

119 96.2 75.6 113.4

201 105.1 83.5 125.3





#19

n-Nitroso-di-n-propylamine

Concen: 33.652 ng

RT: 8.528 min Scan# 944

Delta R.T. -0.006 min

Lab File: BP012649.D

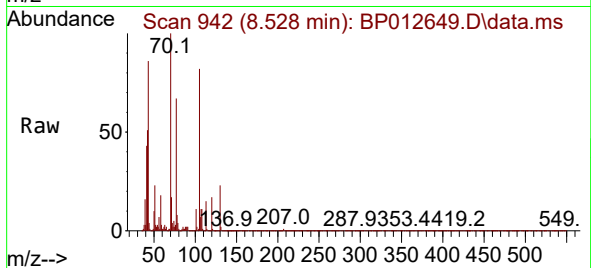
Acq: 14 Nov 2022 12:46

Instrument :

BNA_P

ClientSampleId :

NMS-SOIL-1108MS



Tgt Ion: 70 Resp: 392108

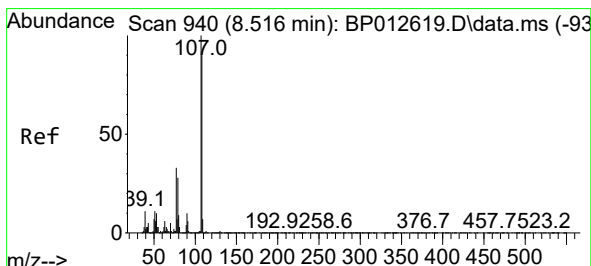
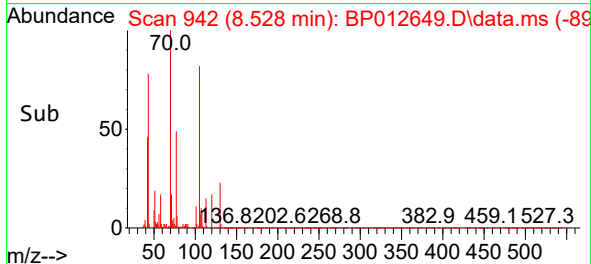
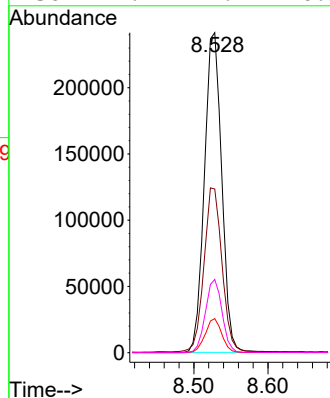
Ion Ratio Lower Upper

70 100

42 51.2 40.4 60.6

101 10.7 8.2 12.2

130 22.9 17.7 26.5



#20

3+4-Methylphenols

Concen: 35.610 ng

RT: 8.499 min Scan# 937

Delta R.T. -0.006 min

Lab File: BP012649.D

Acq: 14 Nov 2022 12:46

Tgt Ion: 107 Resp: 625361

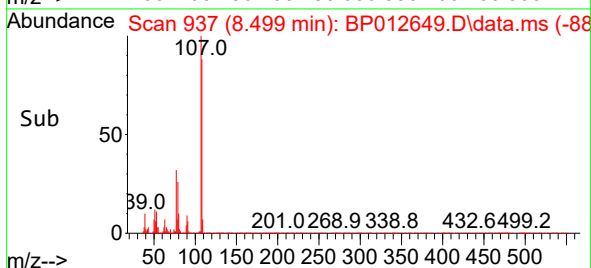
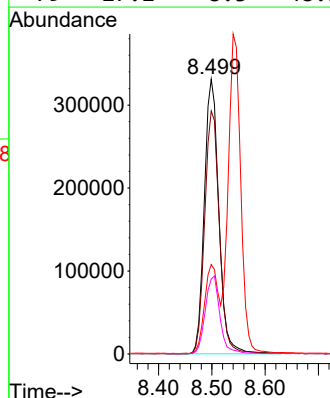
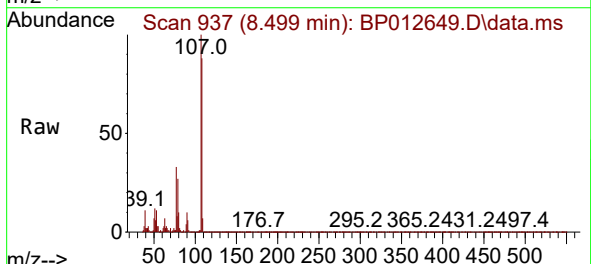
Ion Ratio Lower Upper

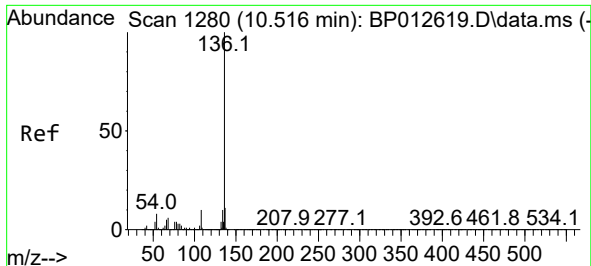
107 100

108 88.4 69.5 109.5

77 32.5 12.9 52.9

79 27.2 8.3 48.3

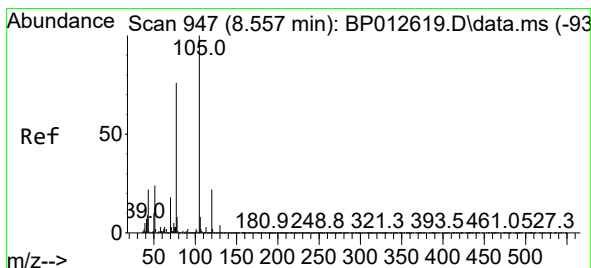
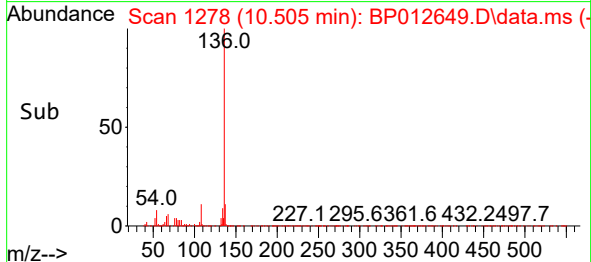
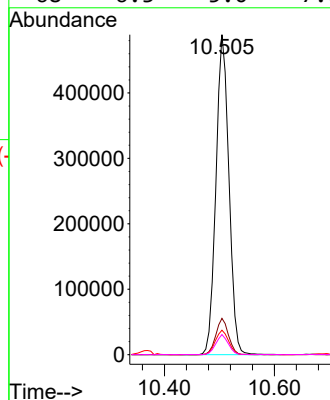
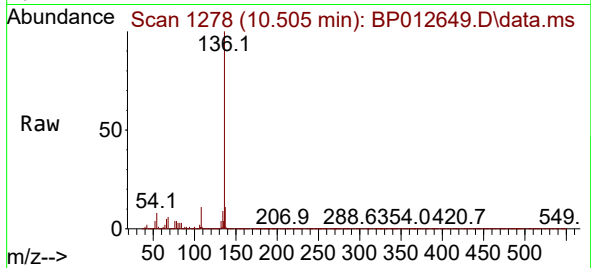




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.505 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP012649.D
Acq: 14 Nov 2022 12:46

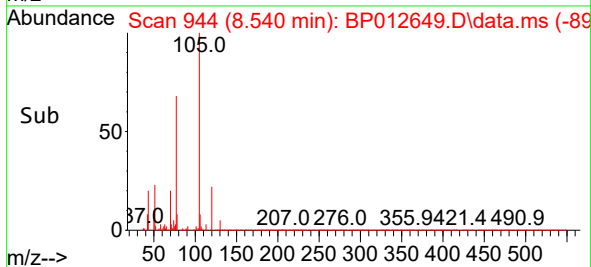
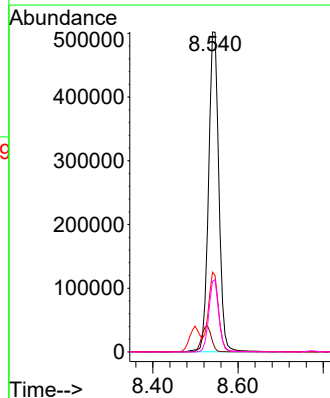
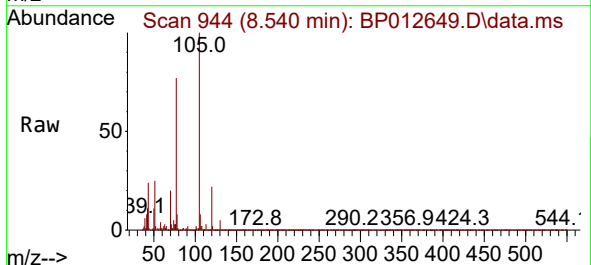
Instrument :
BNA_P
ClientSampleId :
NMS-SOIL-1108MS

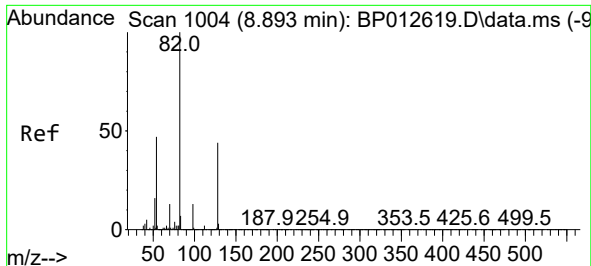
Tgt Ion:136 Resp: 802089
Ion Ratio Lower Upper
136 100
137 11.3 9.0 13.6
54 7.7 6.4 9.6
68 6.3 5.0 7.6



#22
Acetophenone
Concen: 42.135 ng
RT: 8.540 min Scan# 944
Delta R.T. -0.012 min
Lab File: BP012649.D
Acq: 14 Nov 2022 12:46

Tgt Ion:105 Resp: 841672
Ion Ratio Lower Upper
105 100
71 3.2 2.4 3.6
51 25.0 19.4 29.2
120 22.1 17.8 26.6





#23

Nitrobenzene-d5

Concen: 77.548 ng

RT: 8.881 min Scan# 1002

Delta R.T. -0.006 min

Lab File: BP012649.D

Acq: 14 Nov 2022 12:46

Instrument :

BNA_P

ClientSampleId :

NMS-SOIL-1108MS

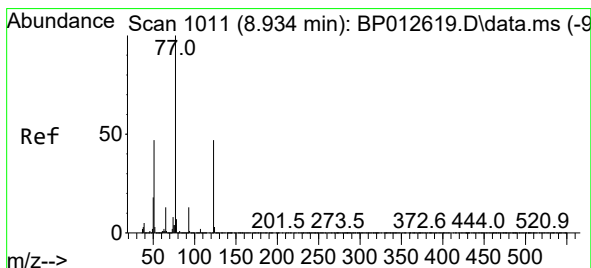
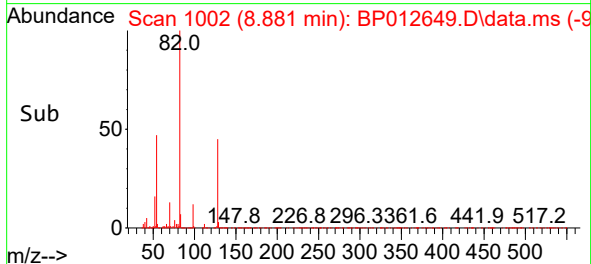
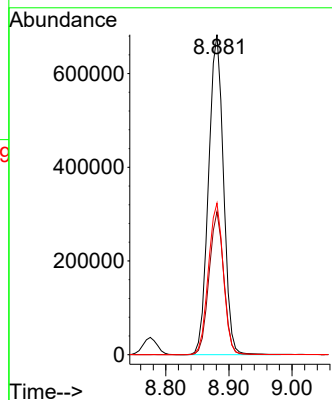
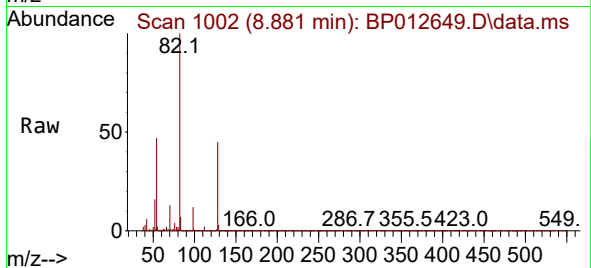
Tgt Ion: 82 Resp: 1121168

Ion Ratio Lower Upper

82 100

128 44.7 35.4 53.2

54 47.4 37.8 56.6



#24

Nitrobenzene

Concen: 41.416 ng

RT: 8.922 min Scan# 1009

Delta R.T. -0.006 min

Lab File: BP012649.D

Acq: 14 Nov 2022 12:46

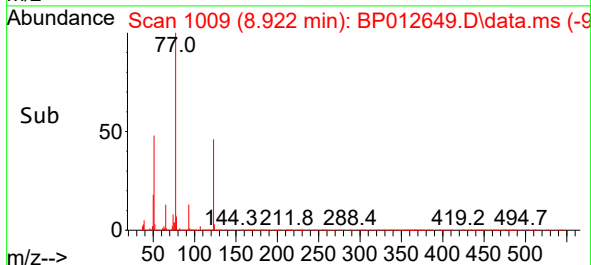
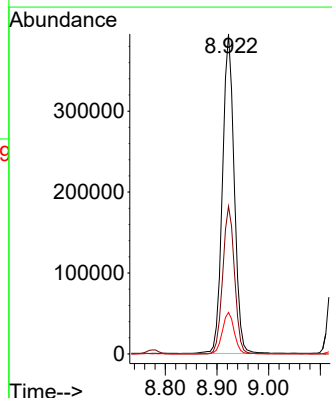
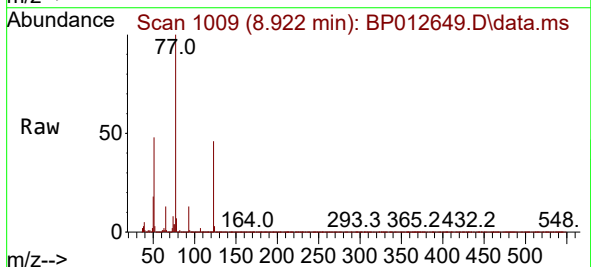
Tgt Ion: 77 Resp: 623379

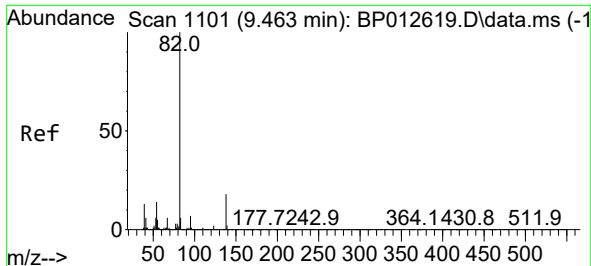
Ion Ratio Lower Upper

77 100

123 46.1 37.4 56.0

65 13.0 10.7 16.1

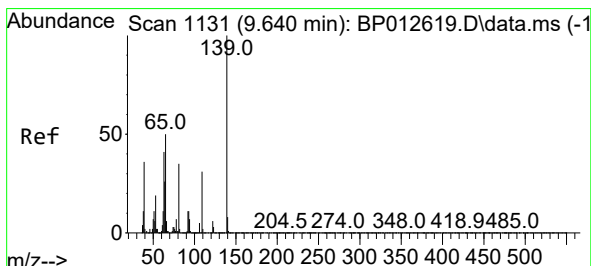
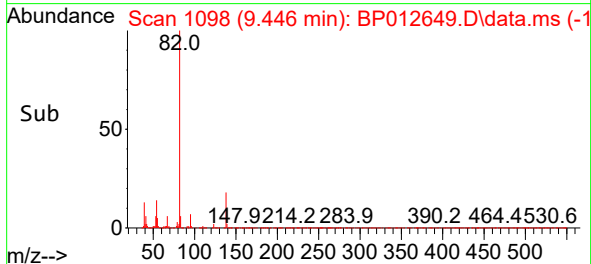
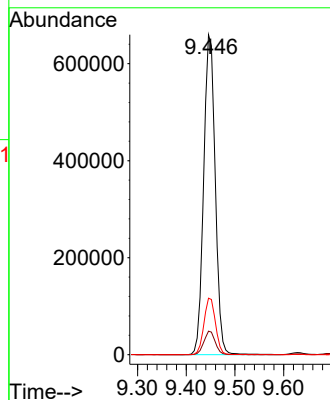
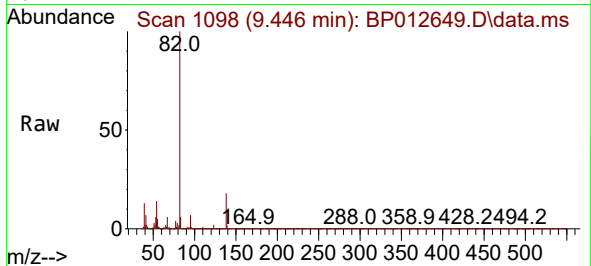




#25
Isophorone
Concen: 40.021 ng
RT: 9.446 min Scan# 1098
Delta R.T. -0.012 min
Lab File: BP012649.D
Acq: 14 Nov 2022 12:46

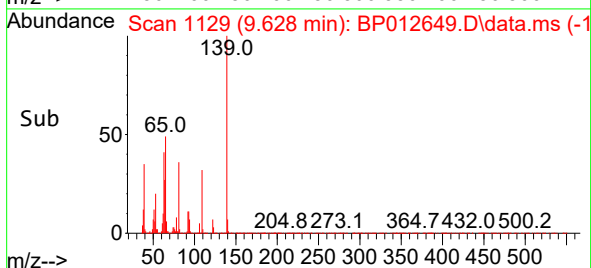
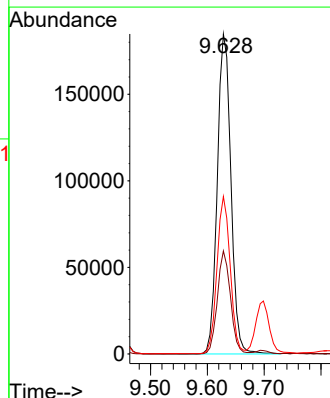
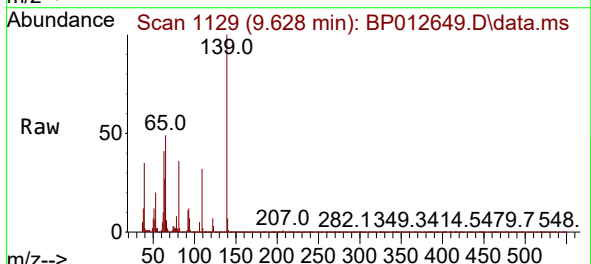
Instrument :
BNA_P
ClientSampleId :
NMS-SOIL-1108MS

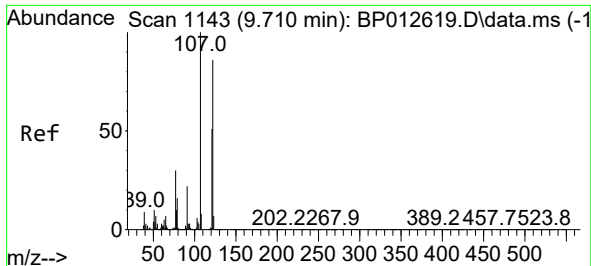
Tgt Ion: 82 Resp: 1086996
Ion Ratio Lower Upper
82 100
95 7.4 5.6 8.4
138 17.7 14.6 21.8



#26
2-Nitrophenol
Concen: 42.605 ng
RT: 9.628 min Scan# 1129
Delta R.T. -0.006 min
Lab File: BP012649.D
Acq: 14 Nov 2022 12:46

Tgt Ion:139 Resp: 307794
Ion Ratio Lower Upper
139 100
109 32.2 24.6 37.0
65 49.2 39.7 59.5





#27

2,4-Dimethylphenol

Concen: 46.904 ng

RT: 9.699 min Scan# 1141

Delta R.T. -0.006 min

Lab File: BP012649.D

Acq: 14 Nov 2022 12:46

Instrument :

BNA_P

ClientSampleId :

NMS-SOIL-1108MS

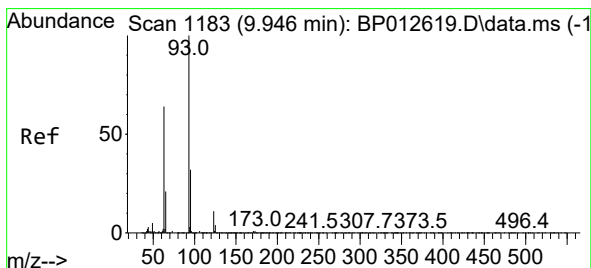
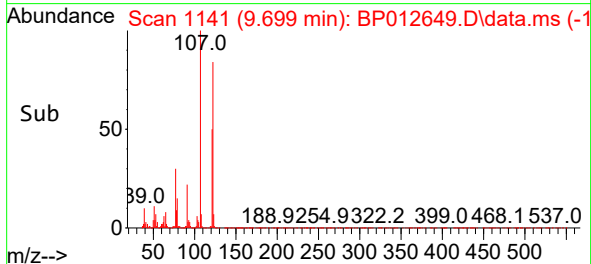
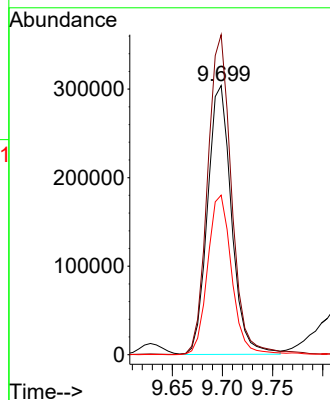
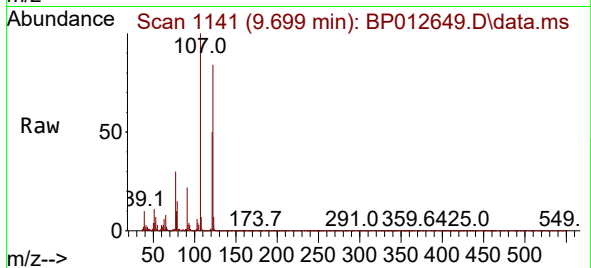
Tgt Ion:122 Resp: 506226

Ion Ratio Lower Upper

122 100

107 118.9 92.7 139.1

121 59.3 47.1 70.7



#28

bis(2-Chloroethoxy)methane

Concen: 42.207 ng

RT: 9.934 min Scan# 1181

Delta R.T. -0.006 min

Lab File: BP012649.D

Acq: 14 Nov 2022 12:46

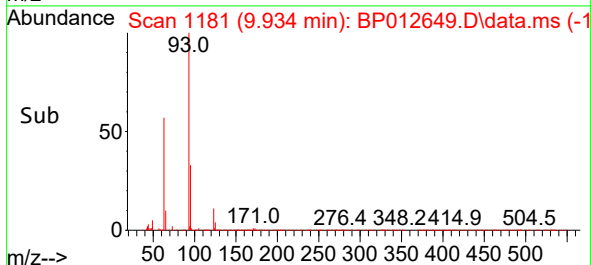
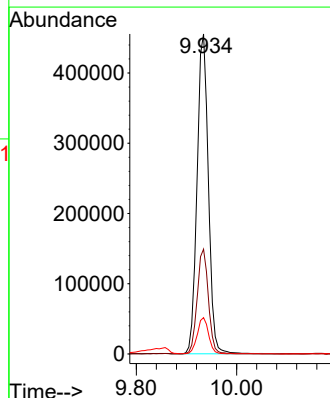
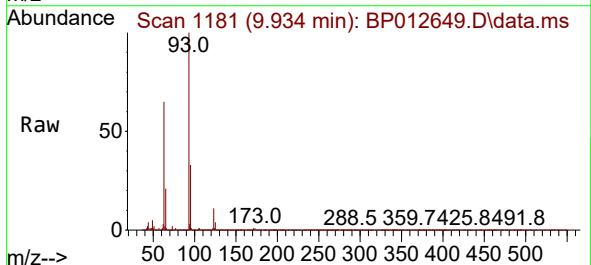
Tgt Ion: 93 Resp: 710295

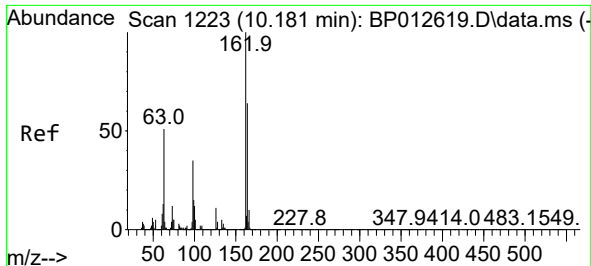
Ion Ratio Lower Upper

93 100

95 32.8 25.9 38.9

123 11.4 9.0 13.6

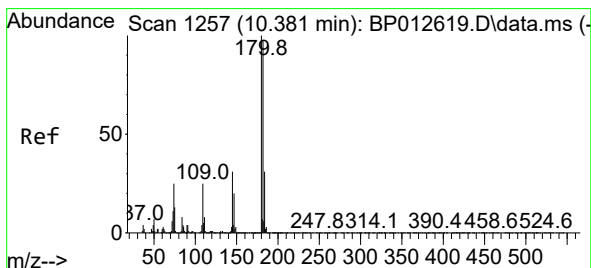
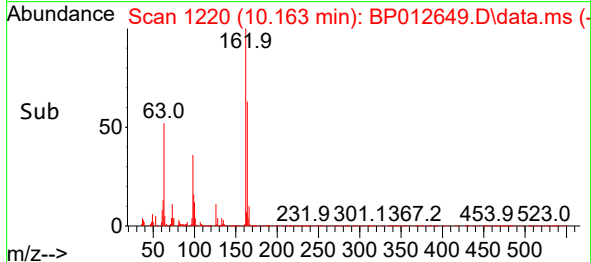
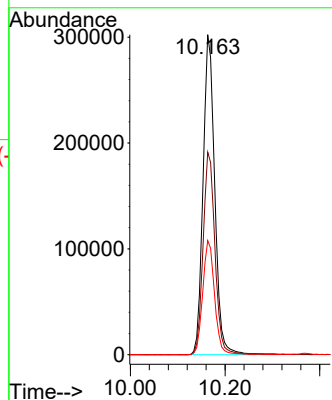
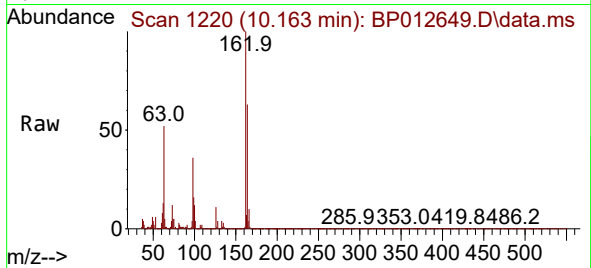




#29
2,4-Dichlorophenol
Concen: 40.621 ng
RT: 10.163 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP012649.D
Acq: 14 Nov 2022 12:46

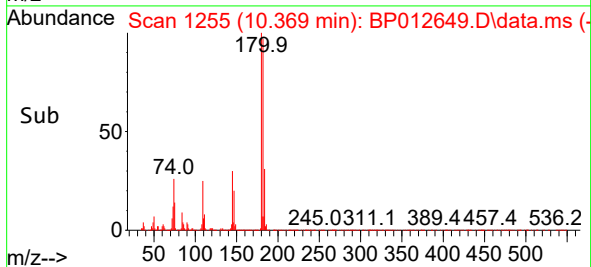
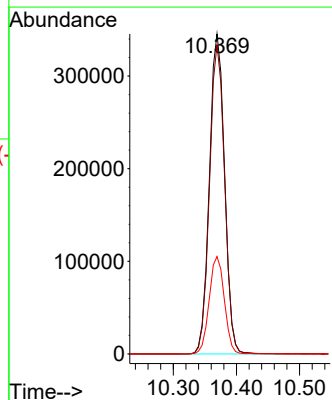
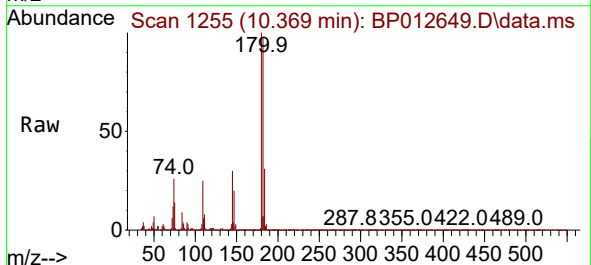
Instrument :
BNA_P
ClientSampleId :
NMS-SOIL-1108MS

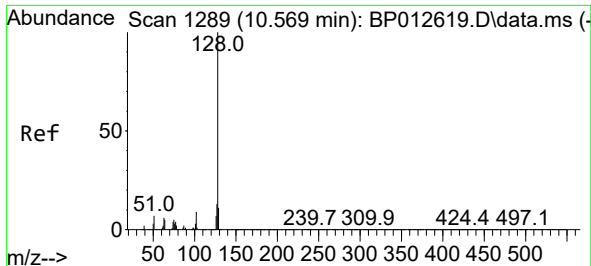
Tgt Ion:162 Resp: 519354
Ion Ratio Lower Upper
162 100
164 63.3 44.1 84.1
98 35.6 15.1 55.1



#30
1,2,4-Trichlorobenzene
Concen: 41.604 ng
RT: 10.369 min Scan# 1255
Delta R.T. -0.006 min
Lab File: BP012649.D
Acq: 14 Nov 2022 12:46

Tgt Ion:180 Resp: 576459
Ion Ratio Lower Upper
180 100
182 96.7 77.4 116.2
145 30.5 24.6 36.8

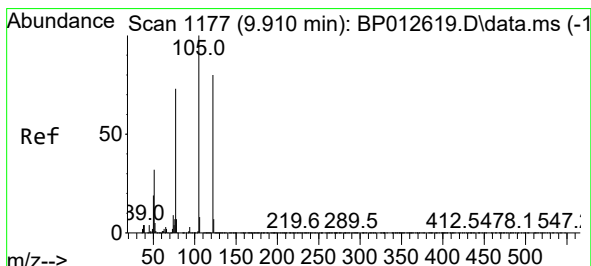
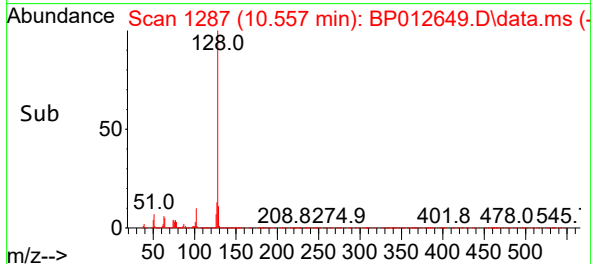
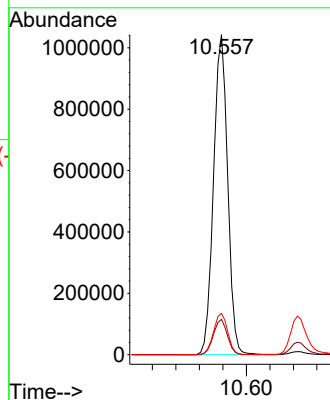
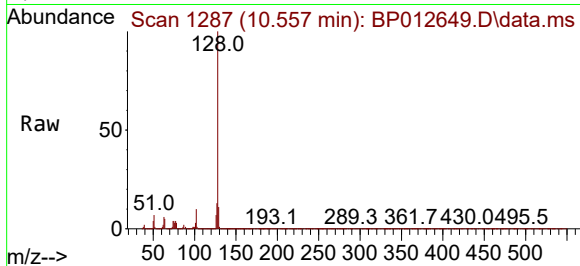




#31
Naphthalene
Concen: 39.797 ng
RT: 10.557 min Scan# 1168
Delta R.T. -0.006 min
Lab File: BP012649.D
Acq: 14 Nov 2022 12:46

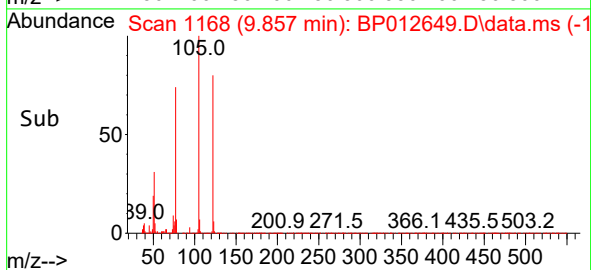
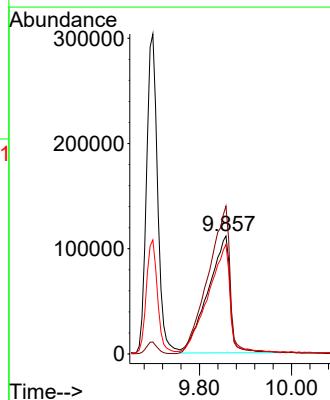
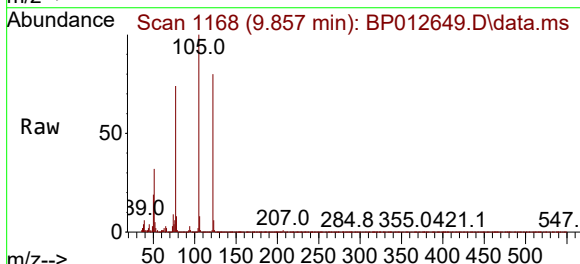
Instrument :
BNA_P
ClientSampleId :
NMS-SOIL-1108MS

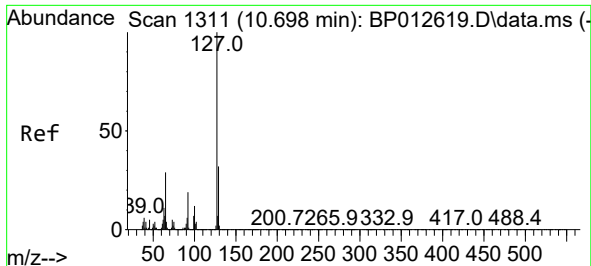
Tgt Ion:128 Resp: 1734127
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 12.9 10.5 15.7



#32
Benzoic acid
Concen: 34.871 ng
RT: 9.857 min Scan# 1168
Delta R.T. -0.041 min
Lab File: BP012649.D
Acq: 14 Nov 2022 12:46

Tgt Ion:122 Resp: 369514
Ion Ratio Lower Upper
122 100
105 125.4 102.2 142.2
77 92.9 70.7 110.7

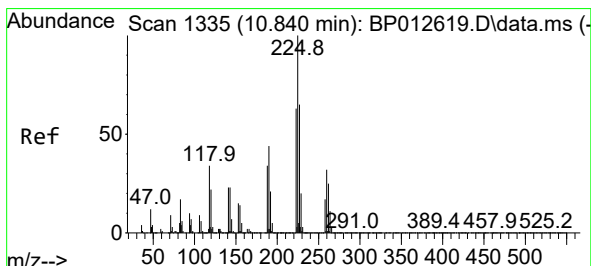
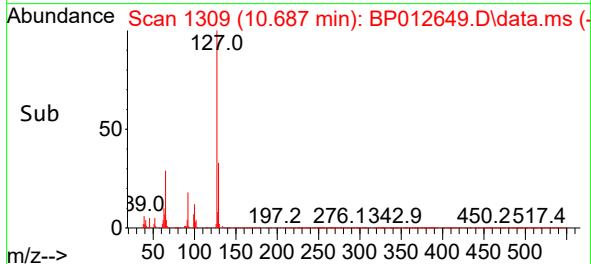
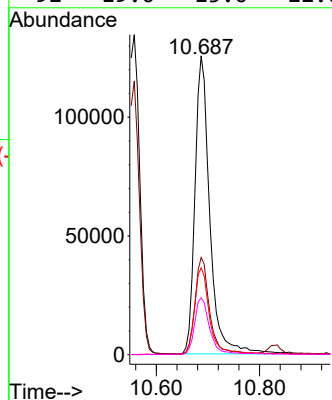
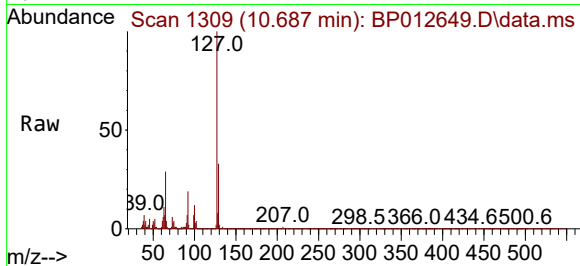




#33
4-Chloroaniline
Concen: 13.740 ng
RT: 10.687 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP012649.D
Acq: 14 Nov 2022 12:46

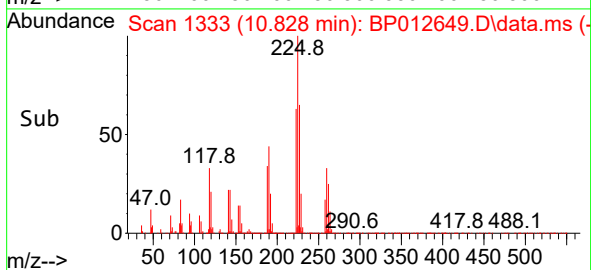
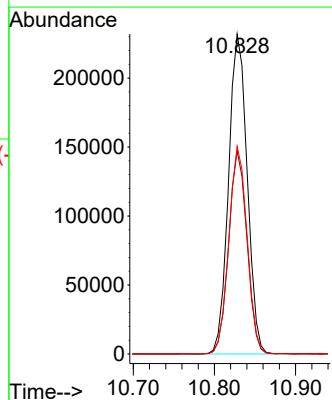
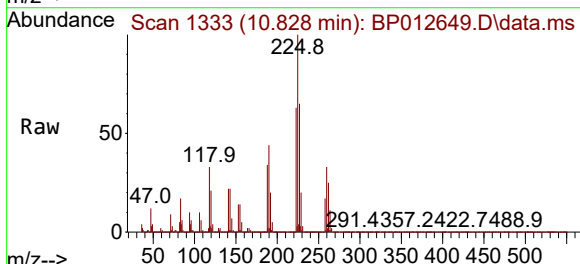
Instrument :
BNA_P
ClientSampleId :
NMS-SOIL-1108MS

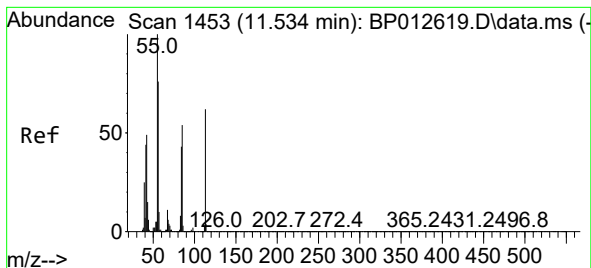
Tgt Ion:	127	Resp:	249716
Ion	Ratio	Lower	Upper
127	100		
129	32.5	25.8	38.6
65	29.1	23.4	35.0
92	19.0	15.0	22.6



#34
Hexachlorobutadiene
Concen: 42.187 ng
RT: 10.828 min Scan# 1333
Delta R.T. -0.006 min
Lab File: BP012649.D
Acq: 14 Nov 2022 12:46

Tgt Ion:	225	Resp:	369821
Ion	Ratio	Lower	Upper
225	100		
223	63.4	50.6	75.8
227	64.9	51.7	77.5





#35

Caprolactam

Concen: 34.597 ng

RT: 11.499 min Scan# 14

Delta R.T. -0.023 min

Lab File: BP012649.D

Acq: 14 Nov 2022 12:46

Instrument :

BNA_P

ClientSampleId :

NMS-SOIL-1108MS

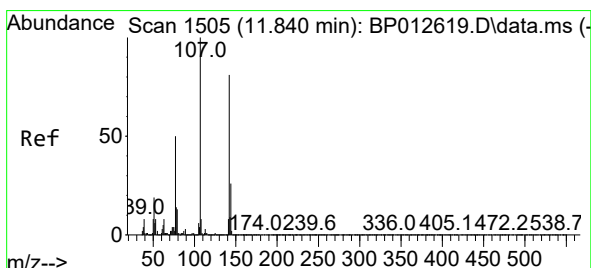
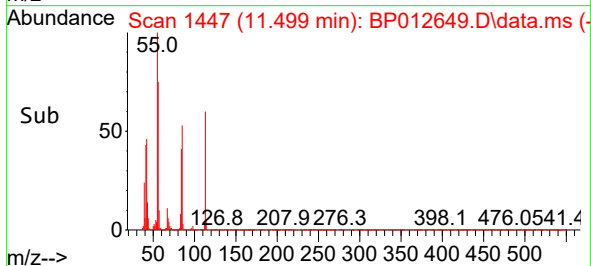
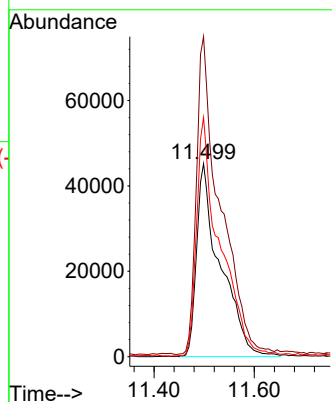
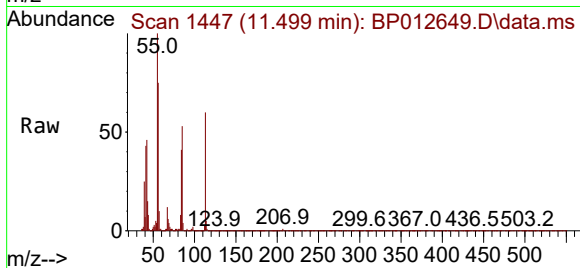
Tgt Ion:113 Resp: 147846

Ion Ratio Lower Upper

113 100

55 165.8 141.9 181.9

56 124.0 102.8 142.8



#36

4-Chloro-3-methylphenol

Concen: 36.583 ng

RT: 11.822 min Scan# 1502

Delta R.T. -0.006 min

Lab File: BP012649.D

Acq: 14 Nov 2022 12:46

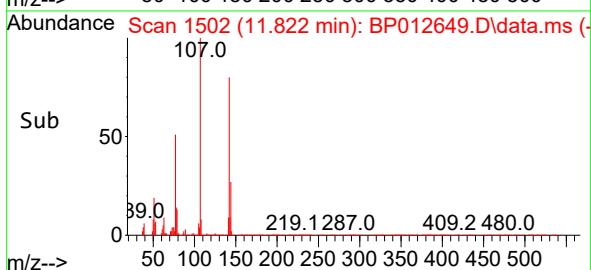
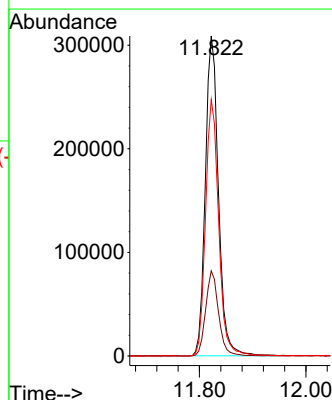
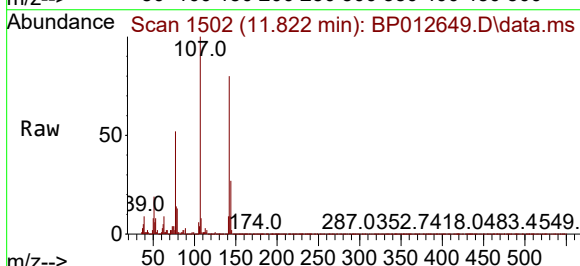
Tgt Ion:107 Resp: 527925

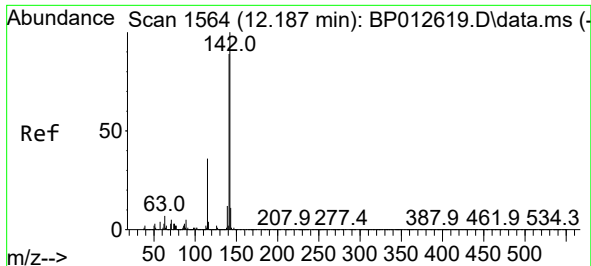
Ion Ratio Lower Upper

107 100

144 26.6 20.9 31.3

142 80.1 64.8 97.2

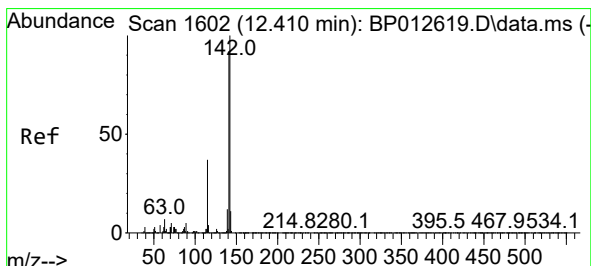
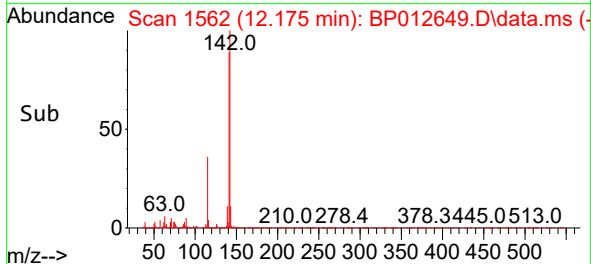
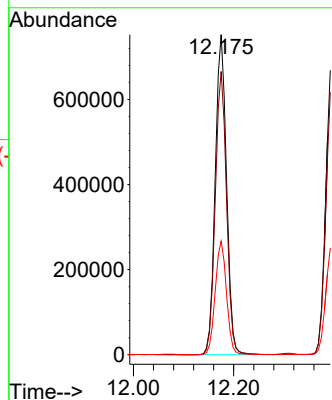
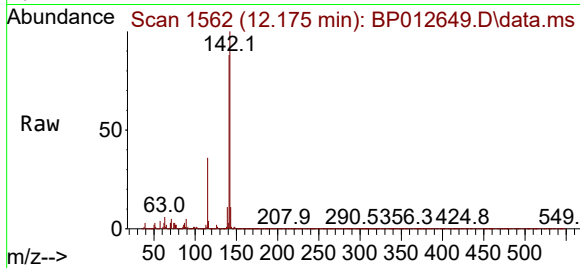




#37
2-Methylnaphthalene
Concen: 37.523 ng
RT: 12.175 min Scan# 1562
Delta R.T. -0.006 min
Lab File: BP012649.D
Acq: 14 Nov 2022 12:46

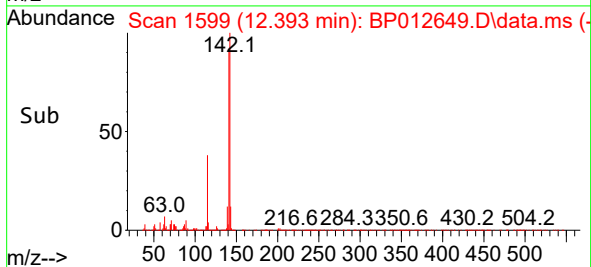
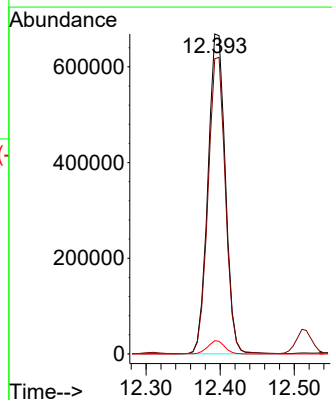
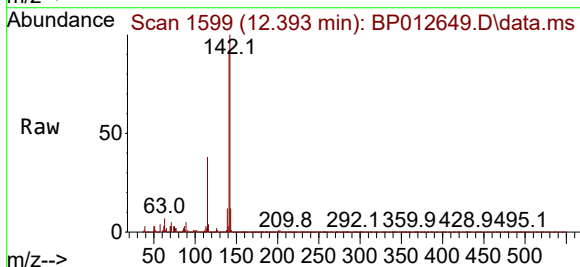
Instrument :
BNA_P
ClientSampleId :
NMS-SOIL-1108MS

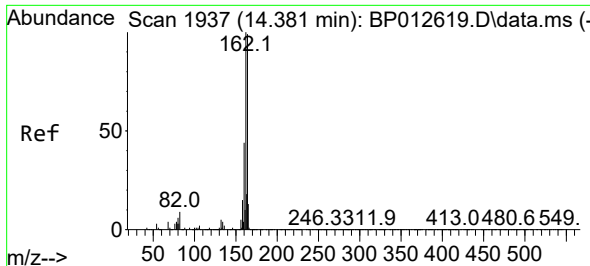
Tgt Ion:142 Resp: 1171986
Ion Ratio Lower Upper
142 100
141 88.5 71.5 107.3
115 35.5 29.0 43.4



#38
1-Methylnaphthalene
Concen: 35.645 ng
RT: 12.393 min Scan# 1599
Delta R.T. -0.006 min
Lab File: BP012649.D
Acq: 14 Nov 2022 12:46

Tgt Ion:142 Resp: 1089320
Ion Ratio Lower Upper
142 100
141 92.2 74.0 111.0
116 4.1 3.1 4.7

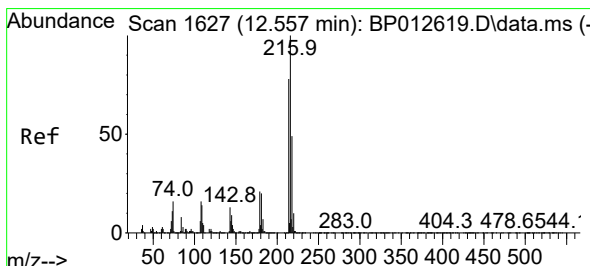
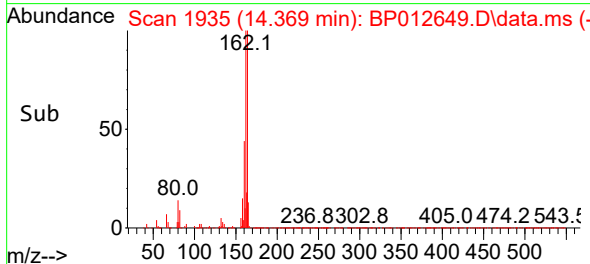
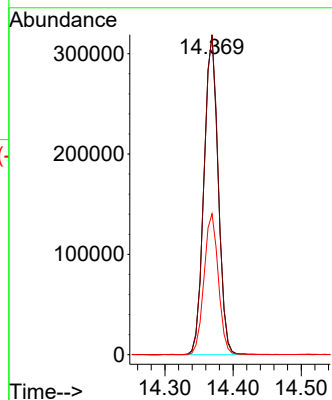
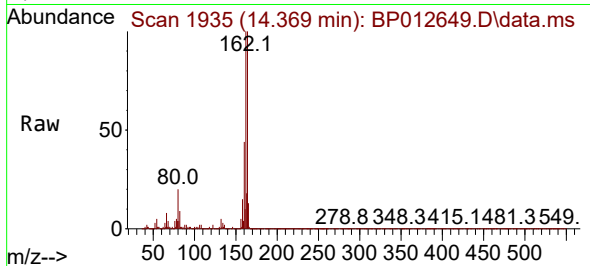




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.369 min Scan# 1935
Delta R.T. 0.000 min
Lab File: BP012649.D
Acq: 14 Nov 2022 12:46

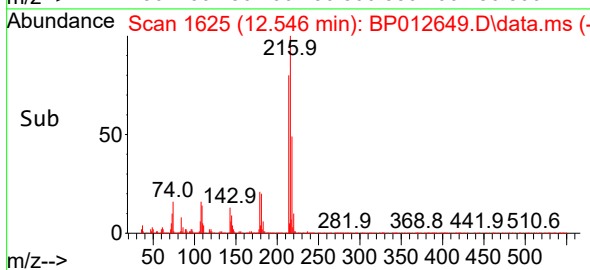
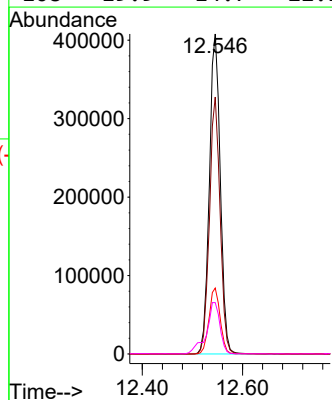
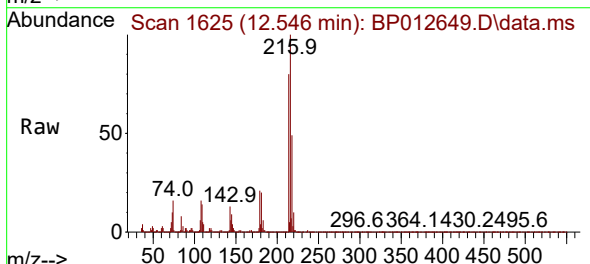
Instrument :
BNA_P
ClientSampleId :
NMS-SOIL-1108MS

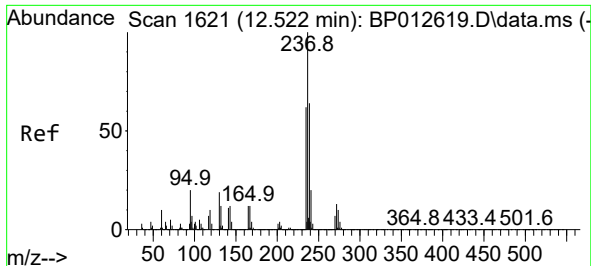
Tgt Ion:164 Resp: 458833
Ion Ratio Lower Upper
164 100
162 100.2 81.0 121.6
160 44.1 36.1 54.1



#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.172 ng
RT: 12.546 min Scan# 1625
Delta R.T. -0.006 min
Lab File: BP012649.D
Acq: 14 Nov 2022 12:46

Tgt Ion:216 Resp: 617576
Ion Ratio Lower Upper
216 100
214 78.6 62.8 94.2
179 20.9 16.8 25.2
108 19.9 14.7 22.1

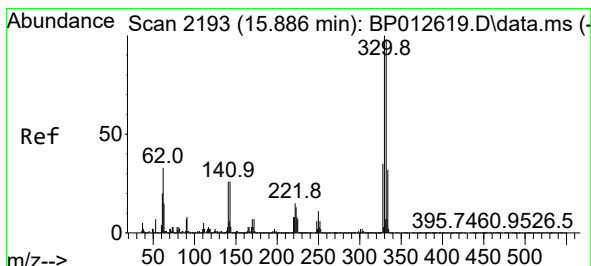
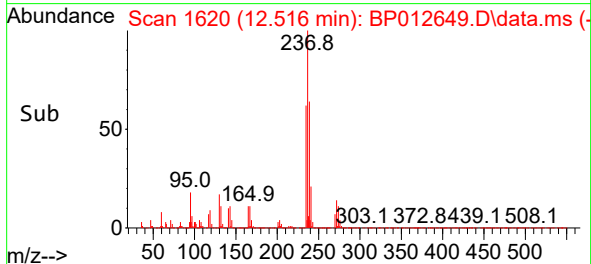
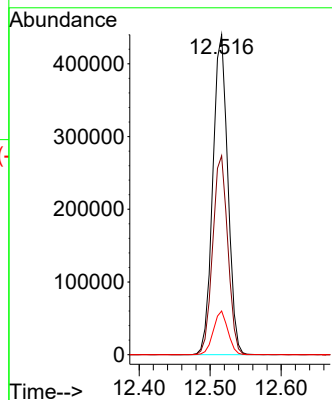
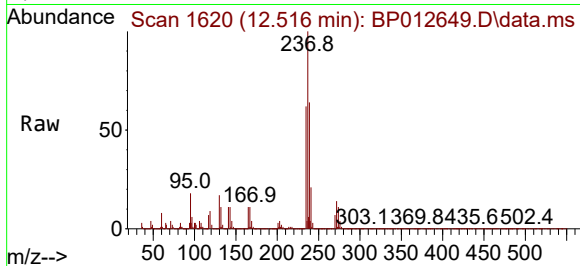




#41
Hexachlorocyclopentadiene
Concen: 91.463 ng
RT: 12.516 min Scan# 1620
Delta R.T. 0.000 min
Lab File: BP012649.D
Acq: 14 Nov 2022 12:46

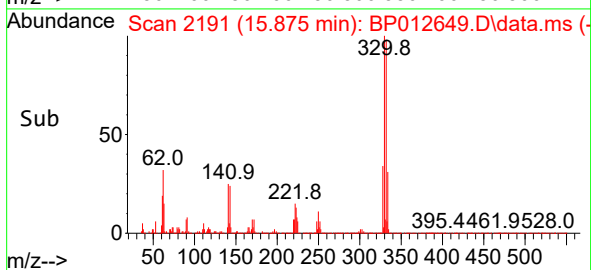
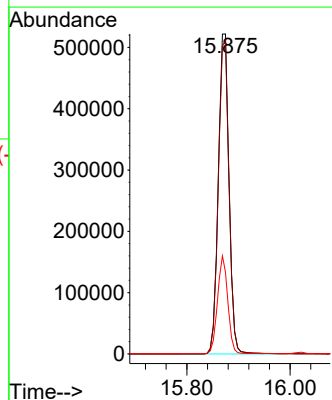
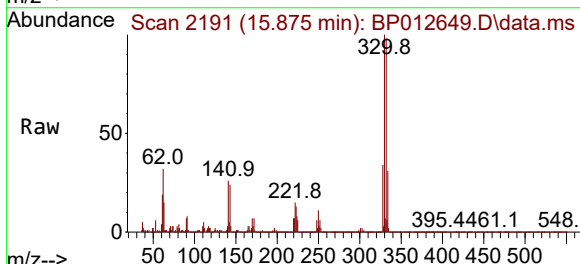
Instrument :
BNA_P
ClientSampleId :
NMS-SOIL-1108MS

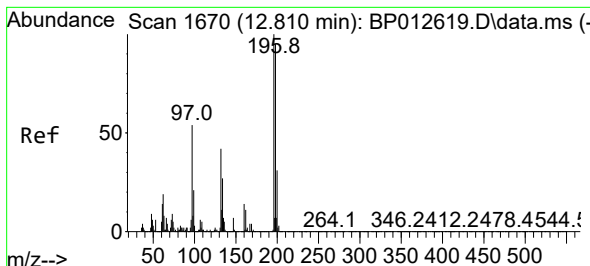
Tgt Ion:237 Resp: 643628
Ion Ratio Lower Upper
237 100
235 62.1 42.1 82.1
272 13.7 0.0 33.2



#42
2,4,6-Tribromophenol
Concen: 120.335 ng
RT: 15.875 min Scan# 2191
Delta R.T. 0.000 min
Lab File: BP012649.D
Acq: 14 Nov 2022 12:46

Tgt Ion:330 Resp: 753741
Ion Ratio Lower Upper
330 100
332 97.0 77.6 116.4
141 29.1 23.7 35.5





#43

2,4,6-Trichlorophenol

Concen: 41.653 ng

RT: 12.799 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP012649.D

Acq: 14 Nov 2022 12:46

Instrument :

BNA_P

ClientSampleId :

NMS-SOIL-1108MS

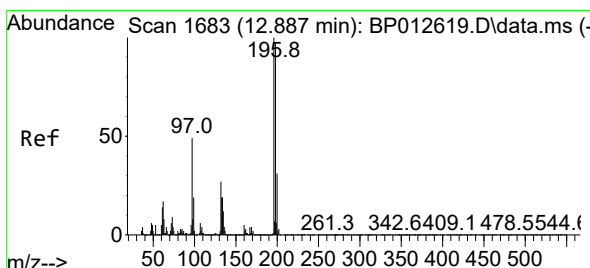
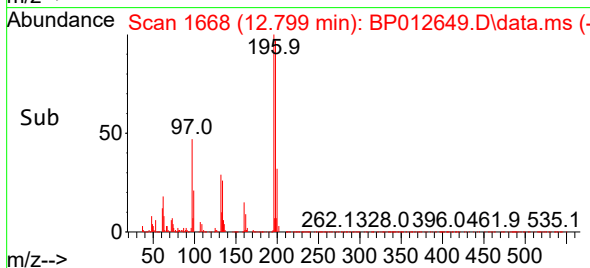
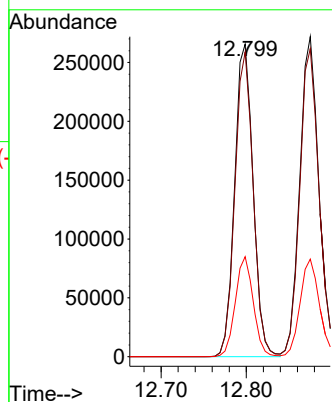
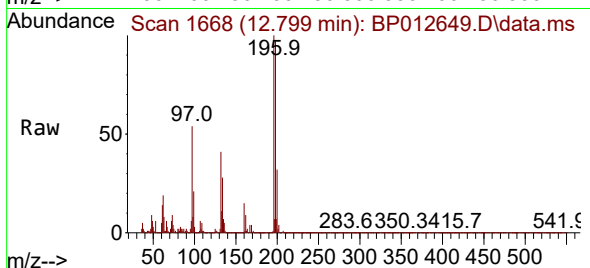
Tgt Ion:196 Resp: 400017

Ion Ratio Lower Upper

196 100

198 97.4 75.9 113.9

200 32.0 24.7 37.1



#44

2,4,5-Trichlorophenol

Concen: 40.285 ng

RT: 12.875 min Scan# 1681

Delta R.T. -0.006 min

Lab File: BP012649.D

Acq: 14 Nov 2022 12:46

Tgt Ion:196 Resp: 431844

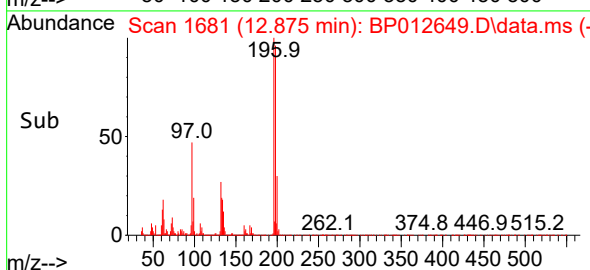
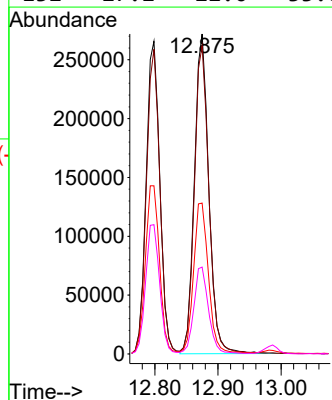
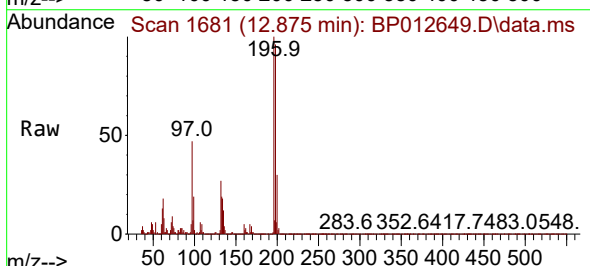
Ion Ratio Lower Upper

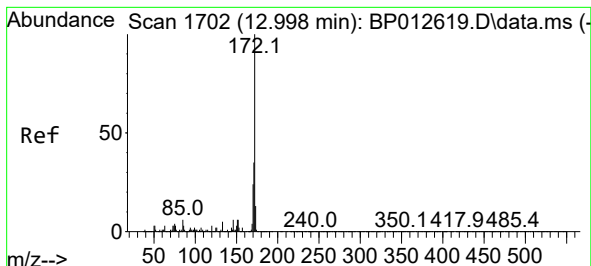
196 100

198 96.2 77.8 116.8

97 47.1 39.0 58.4

132 27.2 22.0 33.0





#45

2-Fluorobiphenyl

Concen: 74.076 ng

RT: 12.987 min Scan# 1700

Delta R.T. -0.006 min

Lab File: BP012649.D

Acq: 14 Nov 2022 12:46

Instrument :

BNA_P

ClientSampleId :

NMS-SOIL-1108MS

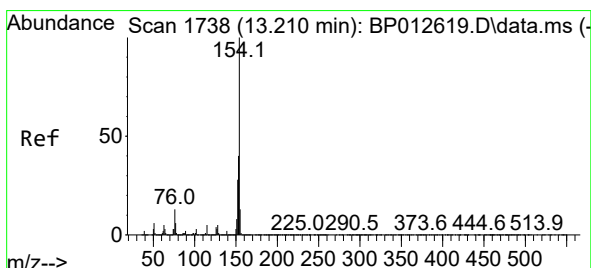
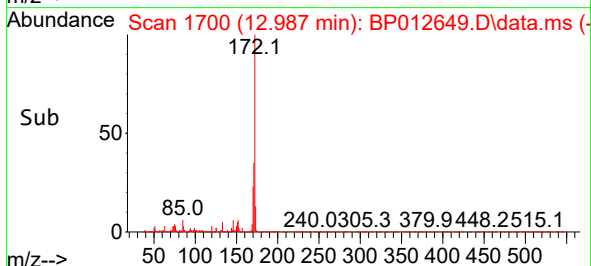
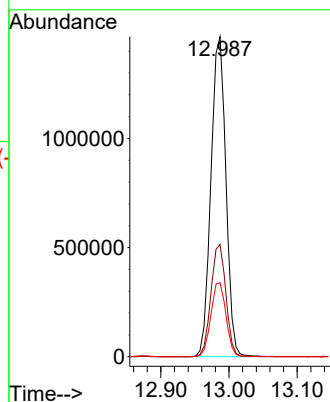
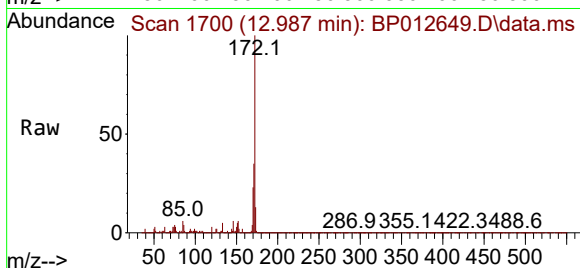
Tgt Ion:172 Resp: 2238901

Ion Ratio Lower Upper

172 100

171 35.0 28.2 42.4

170 23.1 19.0 28.6



#46

1,1'-Biphenyl

Concen: 43.284 ng

RT: 13.198 min Scan# 1736

Delta R.T. 0.000 min

Lab File: BP012649.D

Acq: 14 Nov 2022 12:46

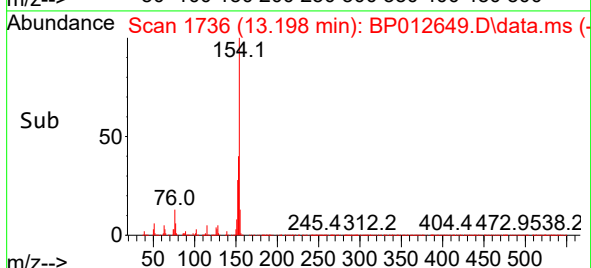
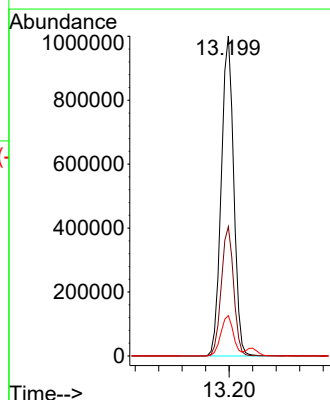
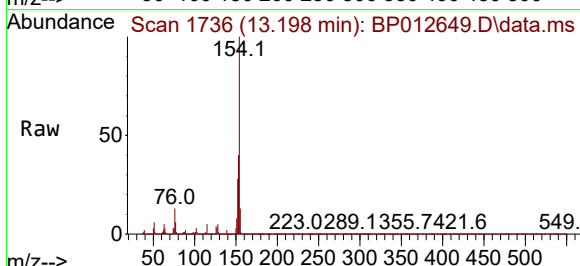
Tgt Ion:154 Resp: 1470769

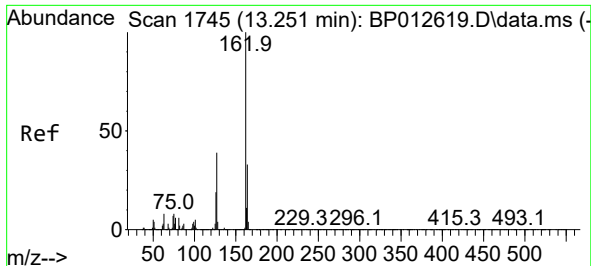
Ion Ratio Lower Upper

154 100

153 40.4 20.3 60.3

76 12.6 0.0 32.7

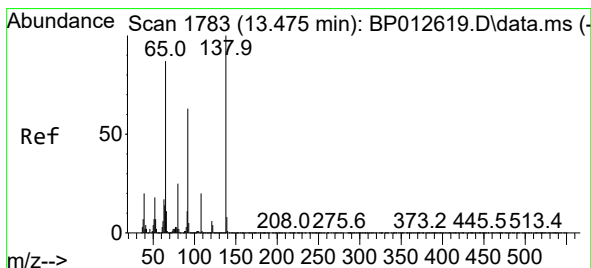
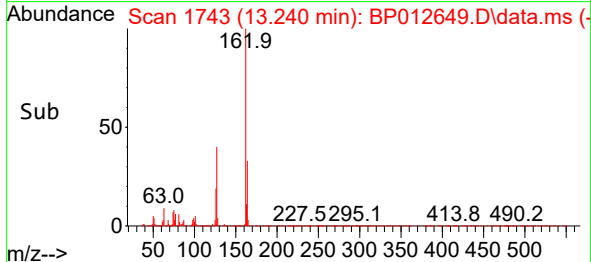
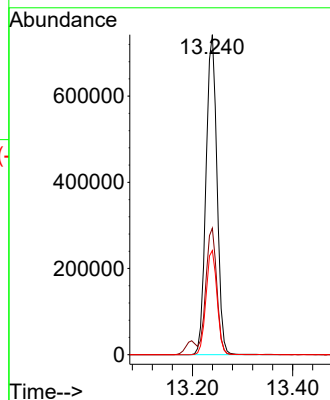
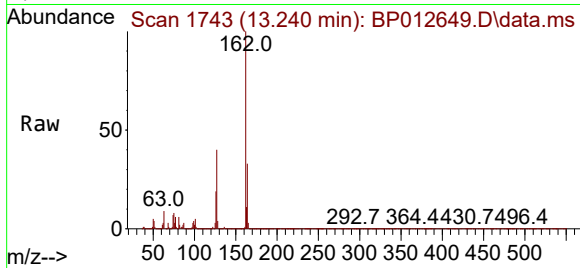




#47
2-Chloronaphthalene
Concen: 42.433 ng
RT: 13.240 min Scan# 1743
Delta R.T. -0.006 min
Lab File: BP012649.D
Acq: 14 Nov 2022 12:46

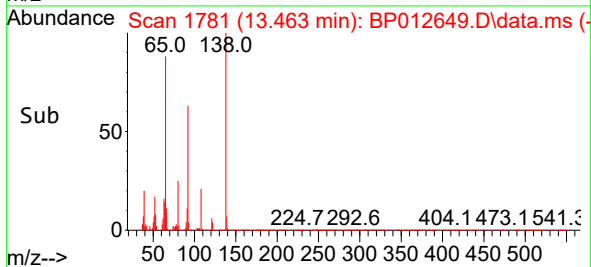
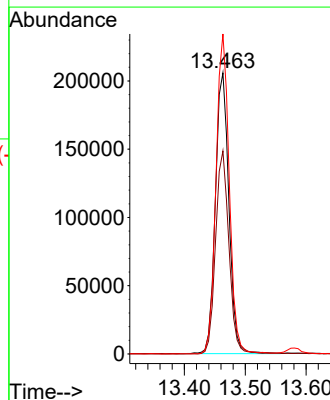
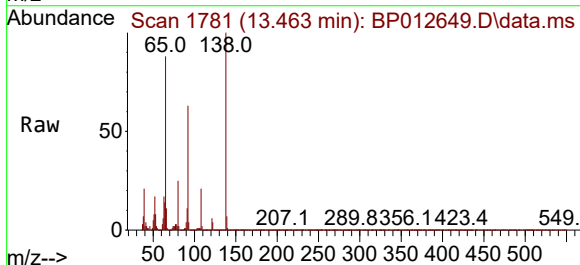
Instrument :
BNA_P
ClientSampleId :
NMS-SOIL-1108MS

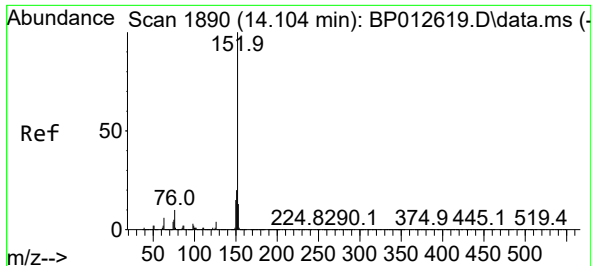
Tgt Ion:162 Resp: 1131672
Ion Ratio Lower Upper
162 100
127 39.5 31.5 47.3
164 32.6 26.5 39.7



#48
2-Nitroaniline
Concen: 39.280 ng
RT: 13.463 min Scan# 1781
Delta R.T. -0.006 min
Lab File: BP012649.D
Acq: 14 Nov 2022 12:46

Tgt Ion: 65 Resp: 316825
Ion Ratio Lower Upper
65 100
92 72.2 57.3 85.9
138 113.8 91.4 137.2

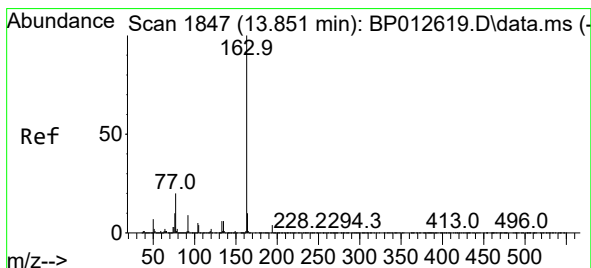
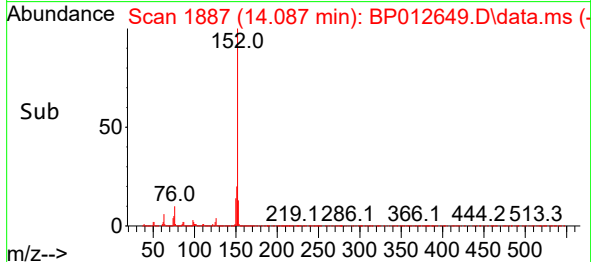
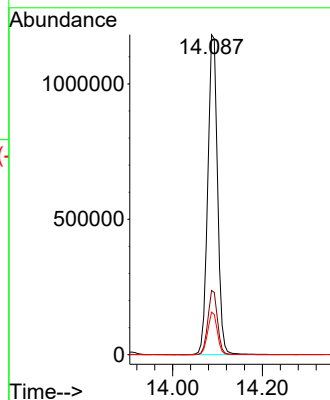
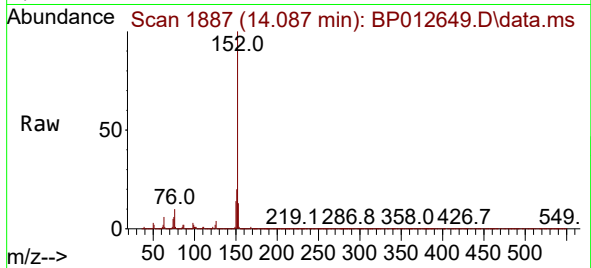




#49
Acenaphthylene
Concen: 42.063 ng
RT: 14.087 min Scan# 1887
Delta R.T. -0.006 min
Lab File: BP012649.D
Acq: 14 Nov 2022 12:46

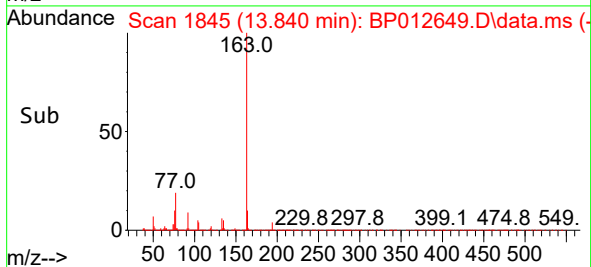
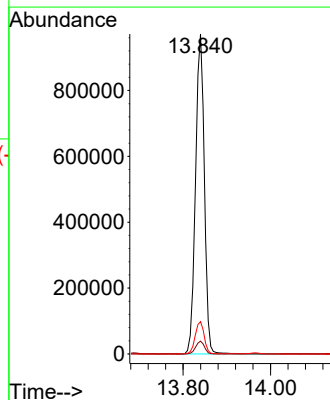
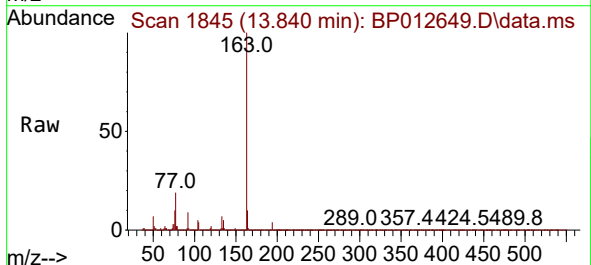
Instrument :
BNA_P
ClientSampleId :
NMS-SOIL-1108MS

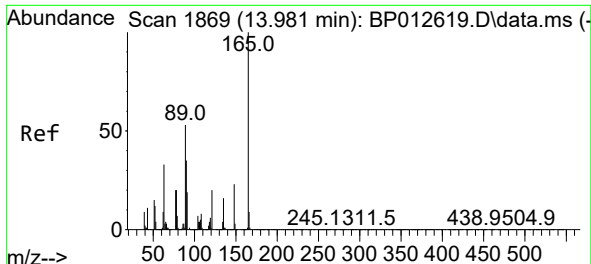
Tgt Ion:152 Resp: 1781371
Ion Ratio Lower Upper
152 100
151 20.1 16.0 24.0
153 13.3 10.4 15.6



#50
Dimethylphthalate
Concen: 37.622 ng
RT: 13.840 min Scan# 1845
Delta R.T. -0.006 min
Lab File: BP012649.D
Acq: 14 Nov 2022 12:46

Tgt Ion:163 Resp: 1364162
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 10.1 8.2 12.4

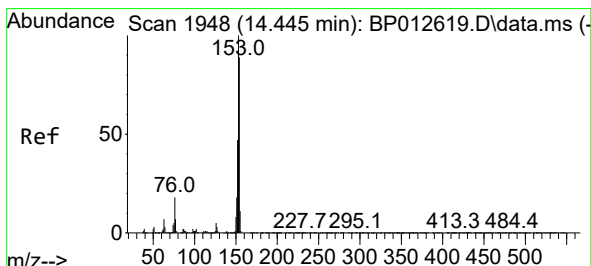
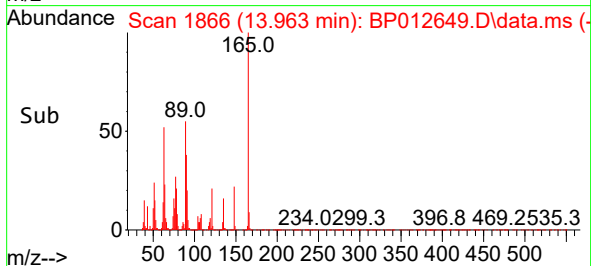
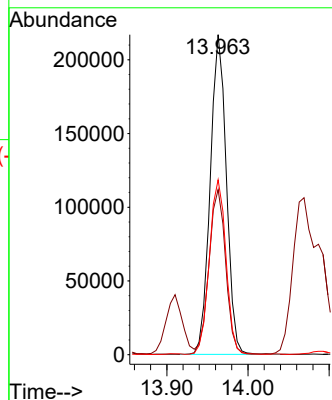
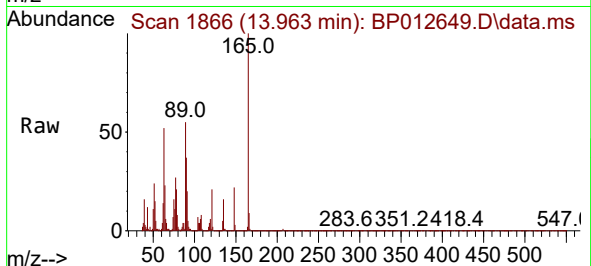




#51
2,6-Dinitrotoluene
Concen: 38.690 ng
RT: 13.963 min Scan# 1866
Delta R.T. -0.006 min
Lab File: BP012649.D
Acq: 14 Nov 2022 12:46

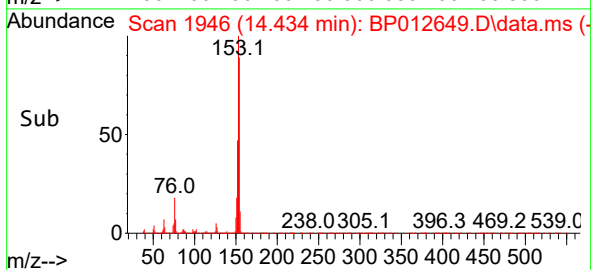
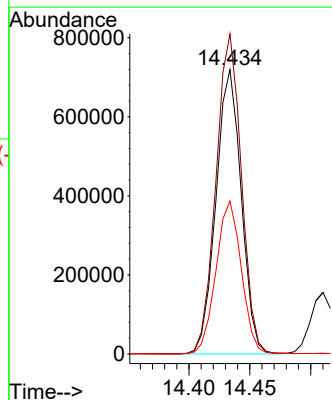
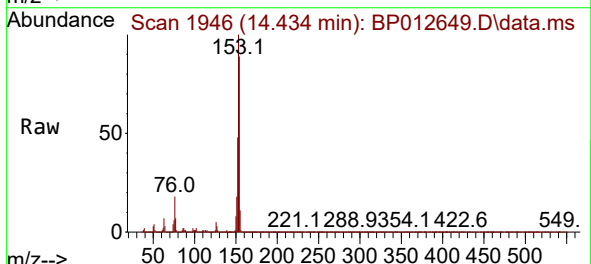
Instrument :
BNA_P
ClientSampleId :
NMS-SOIL-1108MS

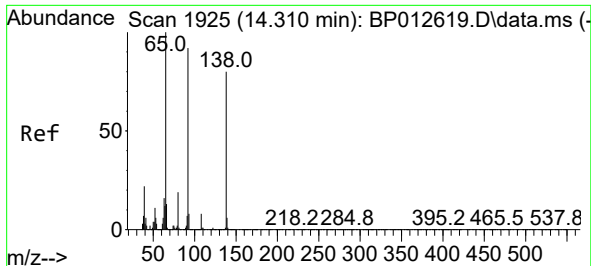
Tgt Ion:165 Resp: 299174
Ion Ratio Lower Upper
165 100
63 51.6 40.7 61.1
89 54.6 42.8 64.2



#52
Acenaphthene
Concen: 40.309 ng
RT: 14.434 min Scan# 1946
Delta R.T. -0.006 min
Lab File: BP012649.D
Acq: 14 Nov 2022 12:46

Tgt Ion:154 Resp: 1039083
Ion Ratio Lower Upper
154 100
153 112.6 90.3 135.5
152 53.8 42.8 64.2

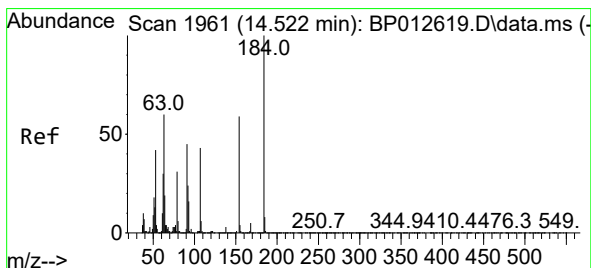
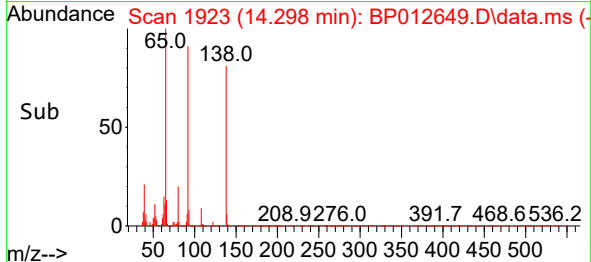
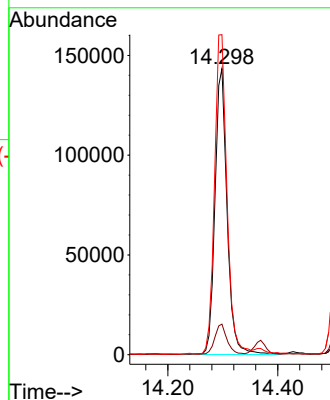
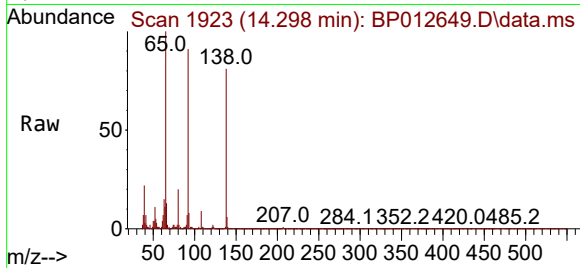




#53
3-Nitroaniline
Concen: 26.461 ng
RT: 14.298 min Scan# 1923
Delta R.T. -0.006 min
Lab File: BP012649.D
Acq: 14 Nov 2022 12:46

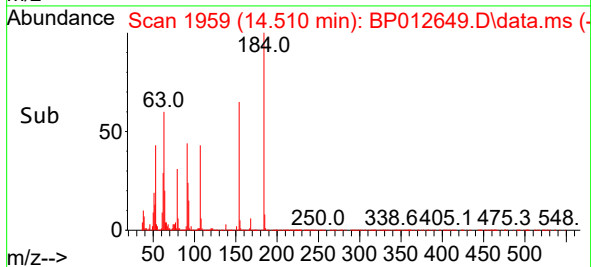
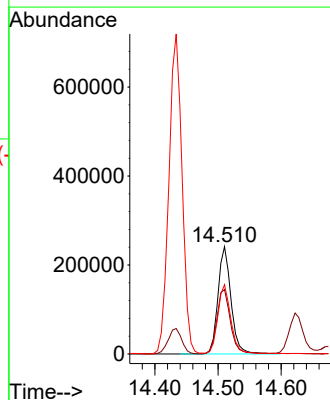
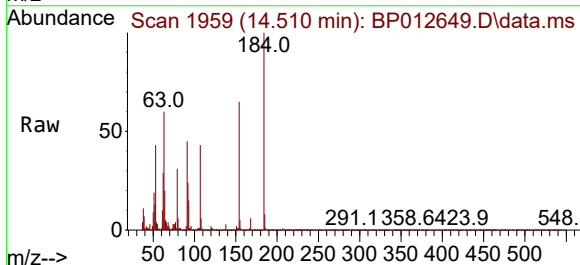
Instrument :
BNA_P
ClientSampleId :
NMS-SOIL-1108MS

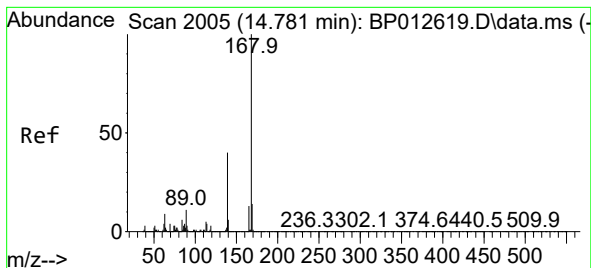
Tgt Ion:138 Resp: 220214
Ion Ratio Lower Upper
138 100
108 10.7 8.2 12.4
92 111.9 91.1 136.7



#54
2,4-Dinitrophenol
Concen: 64.106 ng
RT: 14.510 min Scan# 1959
Delta R.T. -0.006 min
Lab File: BP012649.D
Acq: 14 Nov 2022 12:46

Tgt Ion:184 Resp: 346215
Ion Ratio Lower Upper
184 100
63 60.1 48.5 72.7
154 64.6 49.4 74.2





#55

Dibenzofuran

Concen: 39.931 ng

RT: 14.769 min Scan# 2005

Delta R.T. -0.006 min

Lab File: BP012649.D

Acq: 14 Nov 2022 12:46

Instrument :

BNA_P

ClientSampleId :

NMS-SOIL-1108MS

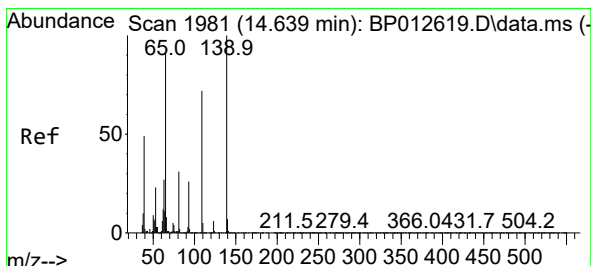
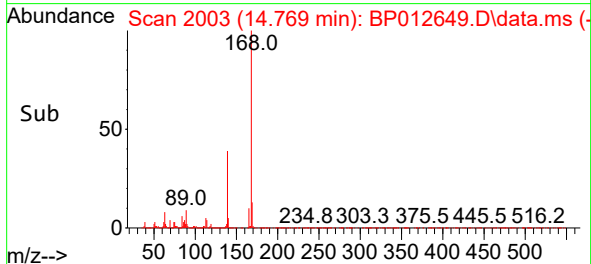
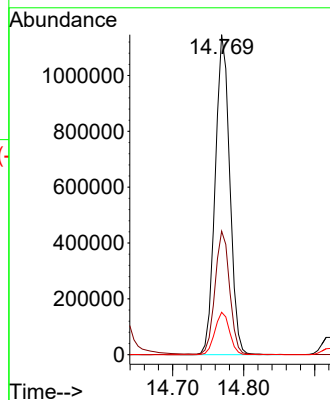
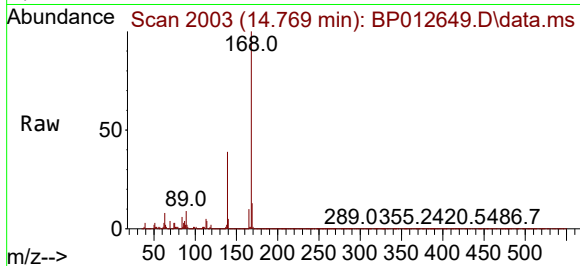
Tgt Ion:168 Resp: 1626929

Ion Ratio Lower Upper

168 100

139 38.6 31.7 47.5

169 13.2 10.9 16.3



#56

4-Nitrophenol

Concen: 76.475 ng

RT: 14.622 min Scan# 1978

Delta R.T. -0.006 min

Lab File: BP012649.D

Acq: 14 Nov 2022 12:46

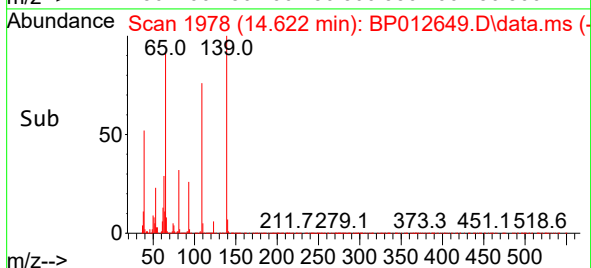
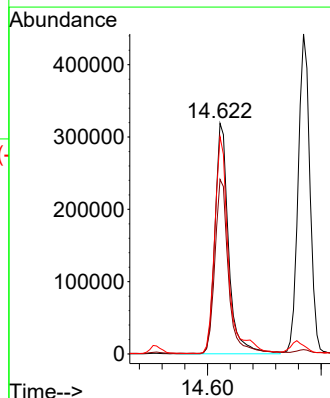
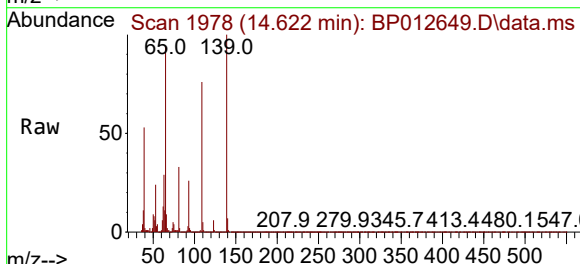
Tgt Ion:139 Resp: 528932

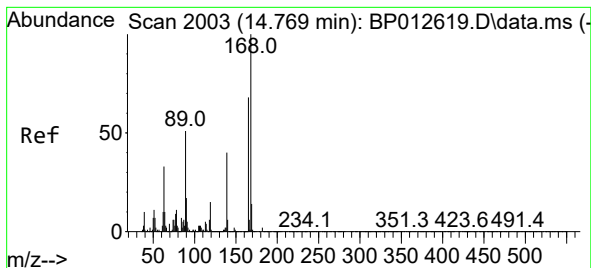
Ion Ratio Lower Upper

139 100

109 75.7 52.1 92.1

65 94.3 71.4 111.4





#57

2,4-Dinitrotoluene

Concen: 39.181 ng

RT: 14.757 min Scan# 2001

Delta R.T. -0.006 min

Lab File: BP012649.D

Acq: 14 Nov 2022 12:46

Instrument :

BNA_P

ClientSampleId :

NMS-SOIL-1108MS

Tgt Ion:165 Resp: 390461

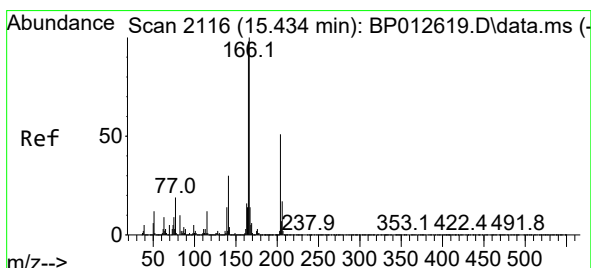
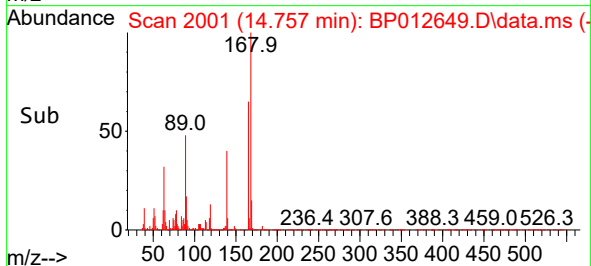
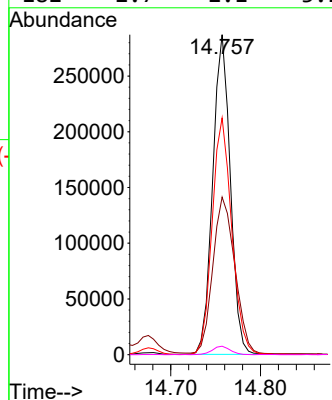
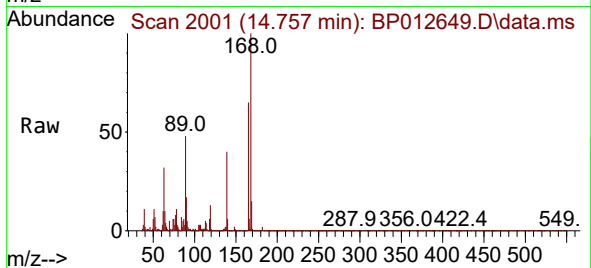
Ion Ratio Lower Upper

165 100

63 49.2 39.1 58.7

89 74.0 60.3 90.5

182 2.7 2.1 3.1



#58

Fluorene

Concen: 39.969 ng

RT: 15.422 min Scan# 2114

Delta R.T. -0.006 min

Lab File: BP012649.D

Acq: 14 Nov 2022 12:46

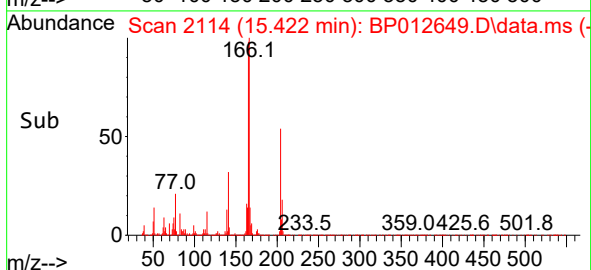
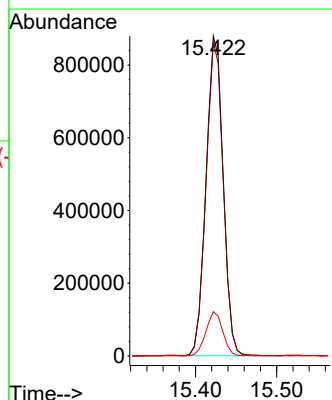
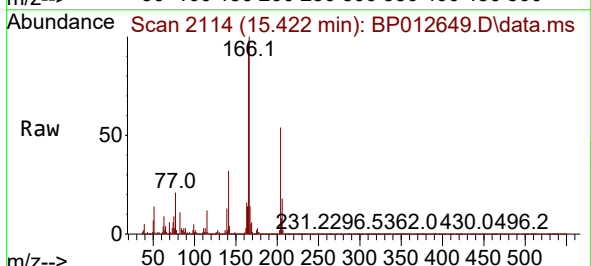
Tgt Ion:166 Resp: 1285494

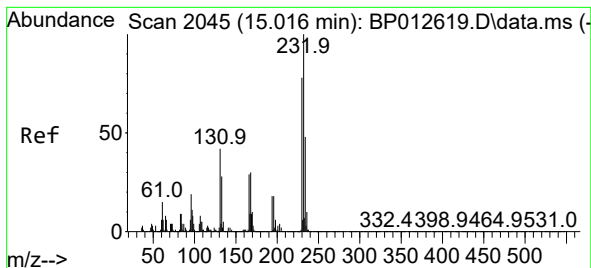
Ion Ratio Lower Upper

166 100

165 97.9 78.6 117.8

167 13.8 11.0 16.4

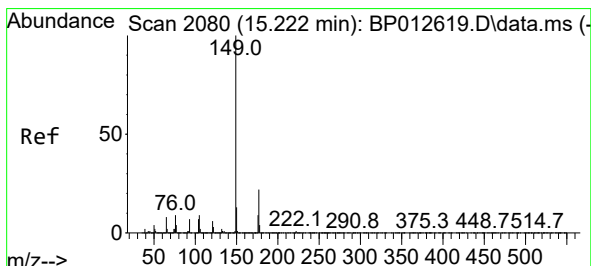
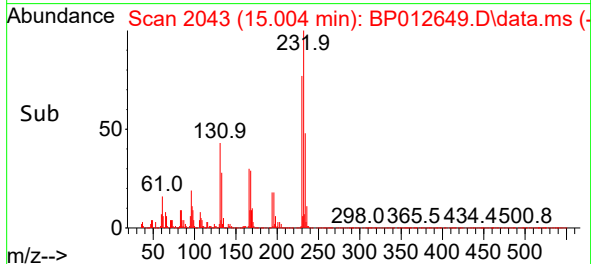
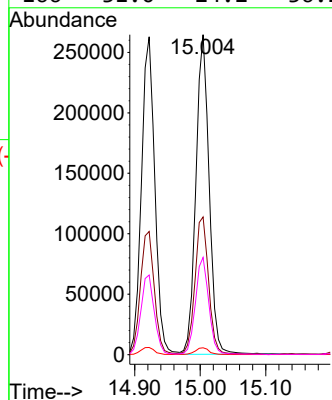
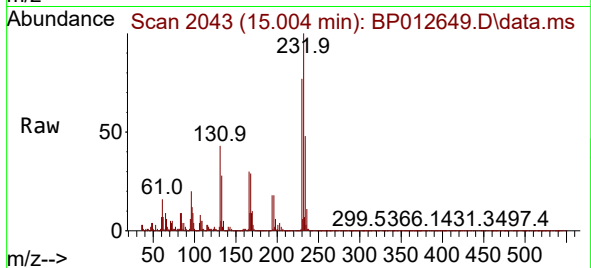




#59
2,3,4,6-Tetrachlorophenol
Concen: 37.787 ng
RT: 15.004 min Scan# 2043
Delta R.T. 0.000 min
Lab File: BP012649.D
Acq: 14 Nov 2022 12:46

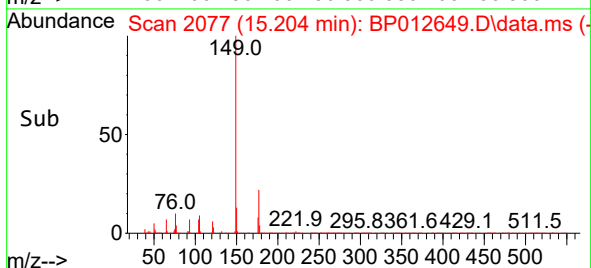
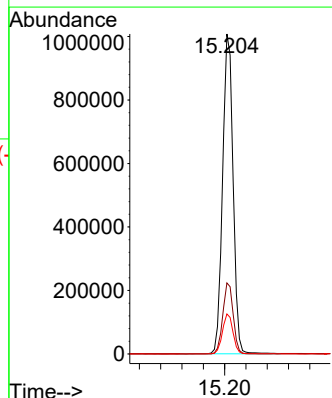
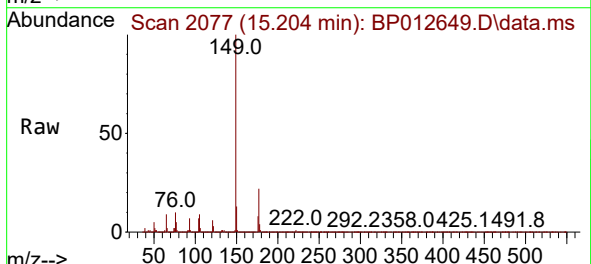
Instrument :
BNA_P
ClientSampleId :
NMS-SOIL-1108MS

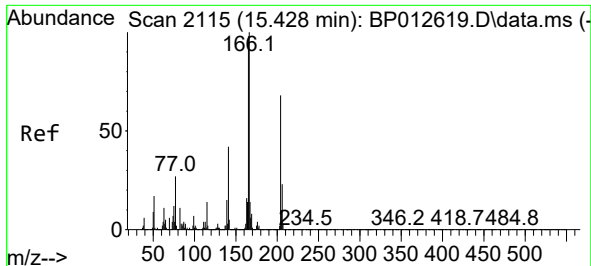
Tgt Ion:232 Resp: 373068
Ion Ratio Lower Upper
232 100
131 43.9 35.5 53.3
130 2.3 1.8 2.8
166 31.0 24.2 36.2



#60
Diethylphthalate
Concen: 37.791 ng
RT: 15.204 min Scan# 2077
Delta R.T. -0.006 min
Lab File: BP012649.D
Acq: 14 Nov 2022 12:46

Tgt Ion:149 Resp: 1371779
Ion Ratio Lower Upper
149 100
177 22.2 17.9 26.9
150 12.5 10.2 15.2

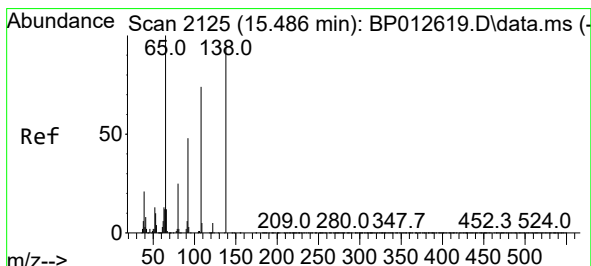
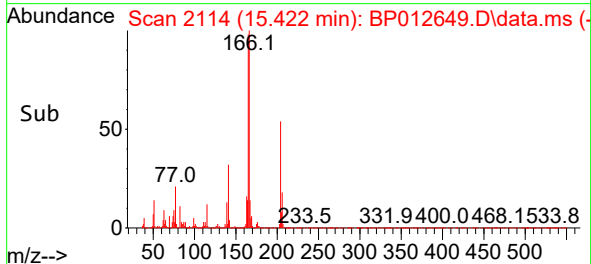
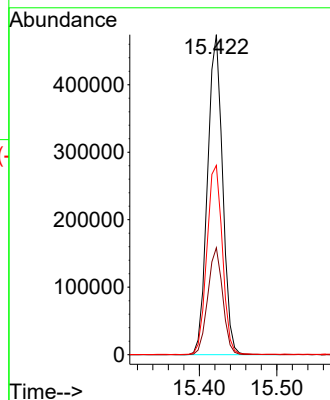
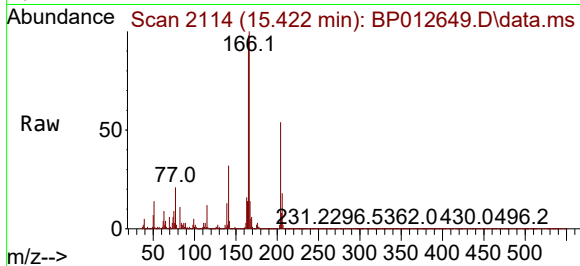




#61
4-Chlorophenyl-phenylether
Concen: 40.079 ng
RT: 15.422 min Scan# 2115
Delta R.T. 0.000 min
Lab File: BP012649.D
Acq: 14 Nov 2022 12:46

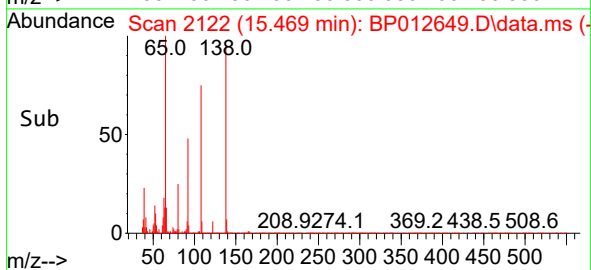
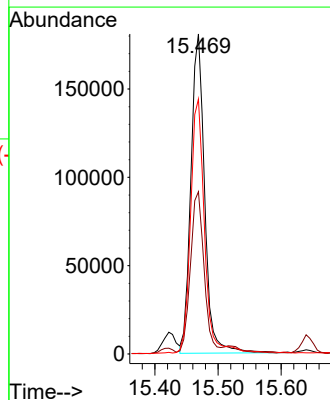
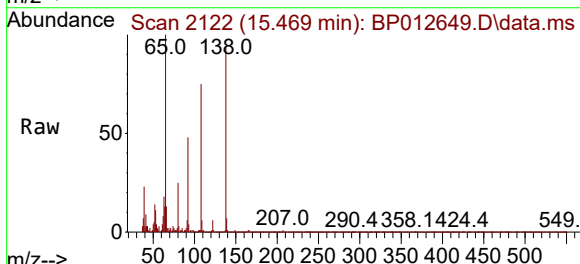
Instrument :
BNA_P
ClientSampleId :
NMS-SOIL-1108MS

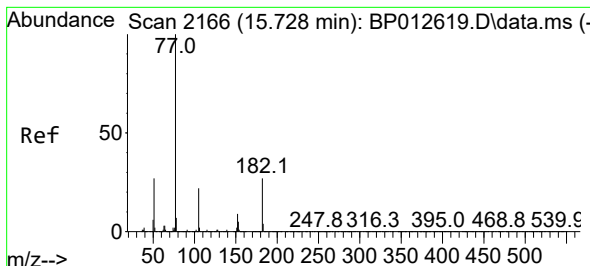
Tgt Ion:204 Resp: 638931
Ion Ratio Lower Upper
204 100
206 33.4 26.7 40.1
141 59.1 49.7 74.5



#62
4-Nitroaniline
Concen: 32.242 ng
RT: 15.469 min Scan# 2122
Delta R.T. -0.006 min
Lab File: BP012649.D
Acq: 14 Nov 2022 12:46

Tgt Ion:138 Resp: 274556
Ion Ratio Lower Upper
138 100
92 50.7 30.6 70.6
108 79.7 58.0 98.0





#63

Azobenzene

Concen: 38.013 ng

RT: 15.716 min Scan# 2166

Delta R.T. -0.006 min

Lab File: BP012649.D

Acq: 14 Nov 2022 12:46

Instrument :

BNA_P

ClientSampleId :

NMS-SOIL-1108MS

Tgt Ion: 77 Resp: 1236878

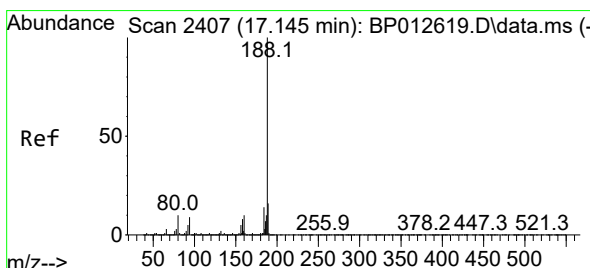
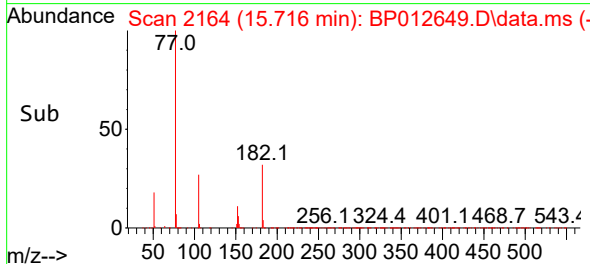
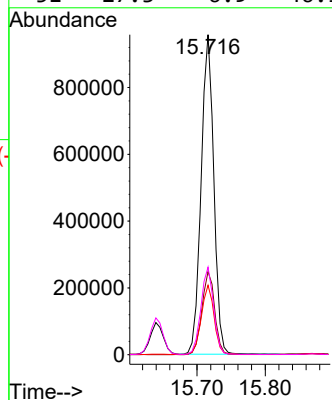
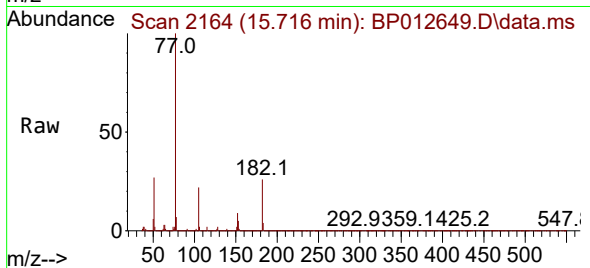
Ion Ratio Lower Upper

77 100

182 26.0 6.5 46.5

105 21.7 2.1 42.1

51 27.3 6.9 46.9



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.134 min Scan# 2405

Delta R.T. 0.000 min

Lab File: BP012649.D

Acq: 14 Nov 2022 12:46

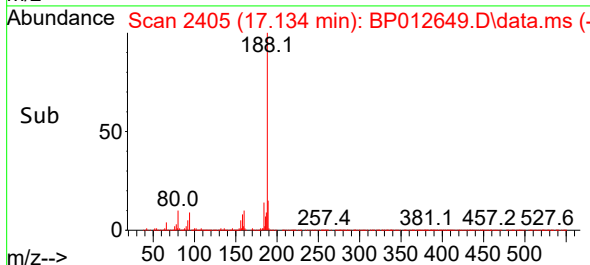
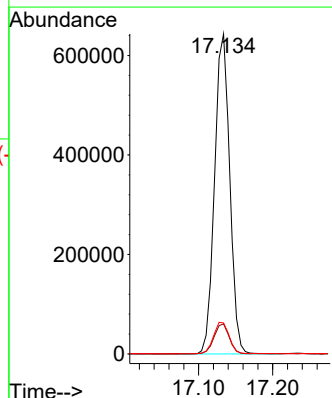
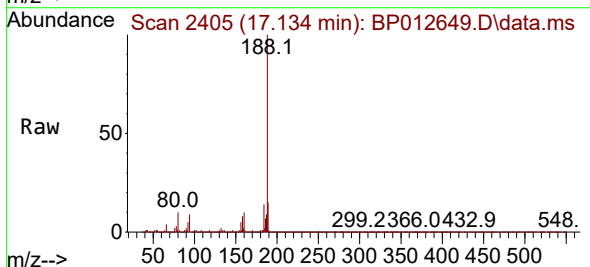
Tgt Ion:188 Resp: 913002

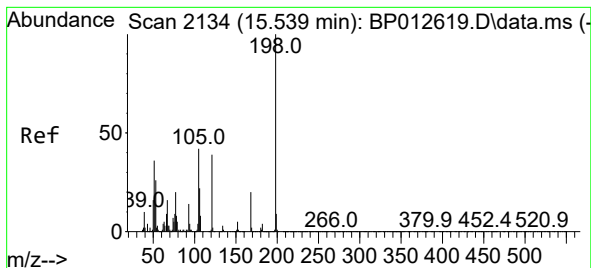
Ion Ratio Lower Upper

188 100

94 9.4 7.5 11.3

80 9.7 8.2 12.2

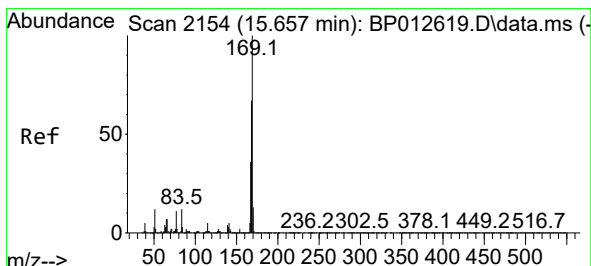
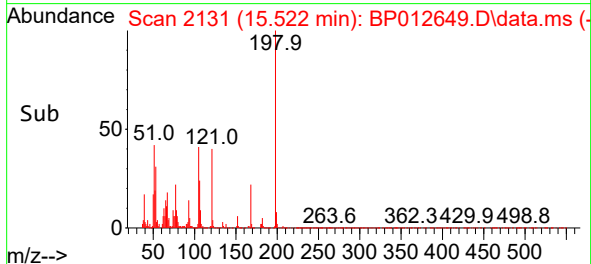
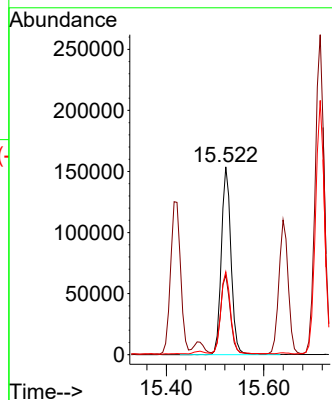
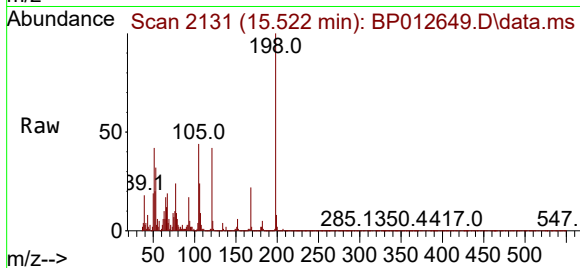




#65
4,6-Dinitro-2-methylphenol
Concen: 34.057 ng
RT: 15.522 min Scan# 2112
Delta R.T. -0.006 min
Lab File: BP012649.D
Acq: 14 Nov 2022 12:46

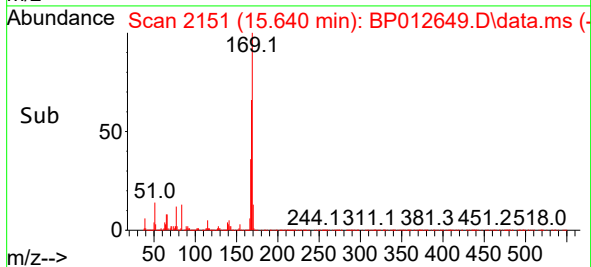
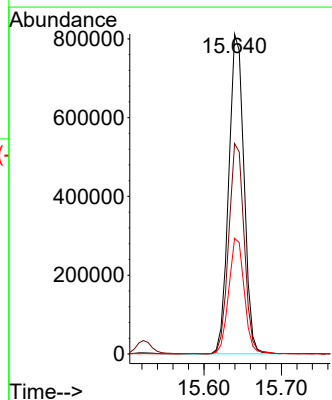
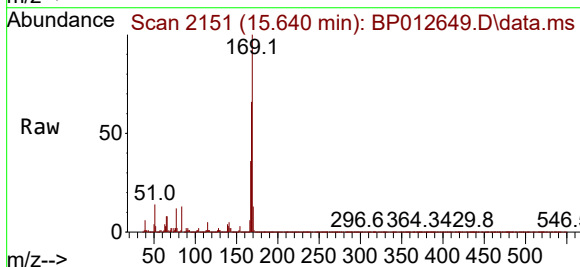
Instrument :
BNA_P
ClientSampleId :
NMS-SOIL-1108MS

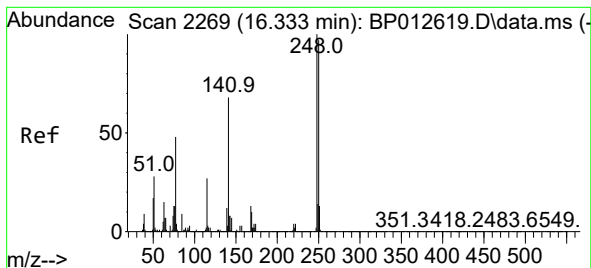
Tgt Ion:198 Resp: 211256
Ion Ratio Lower Upper
198 100
51 42.5 17.8 57.8
105 44.2 22.5 62.5



#66
n-Nitrosodiphenylamine
Concen: 41.351 ng
RT: 15.640 min Scan# 2151
Delta R.T. -0.006 min
Lab File: BP012649.D
Acq: 14 Nov 2022 12:46

Tgt Ion:169 Resp: 1113639
Ion Ratio Lower Upper
169 100
168 65.7 53.3 79.9
167 36.1 29.1 43.7

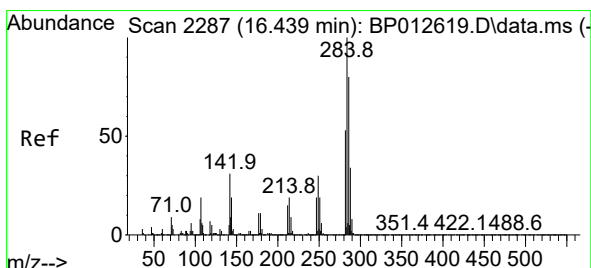
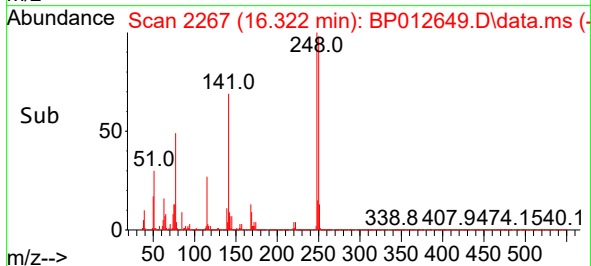
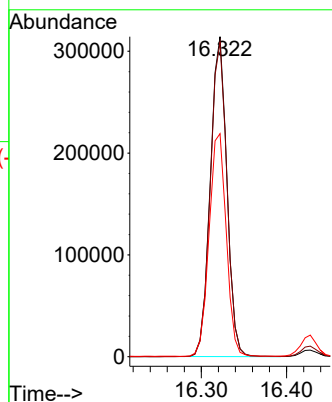
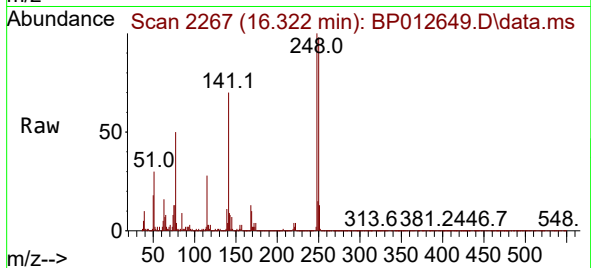




#67
4-Bromophenyl-phenylether
Concen: 41.332 ng
RT: 16.322 min Scan# 2267
Delta R.T. 0.000 min
Lab File: BP012649.D
Acq: 14 Nov 2022 12:46

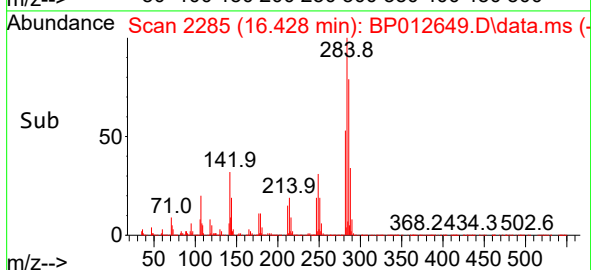
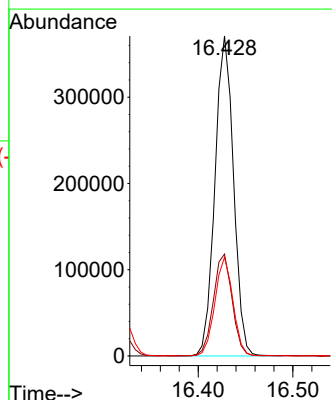
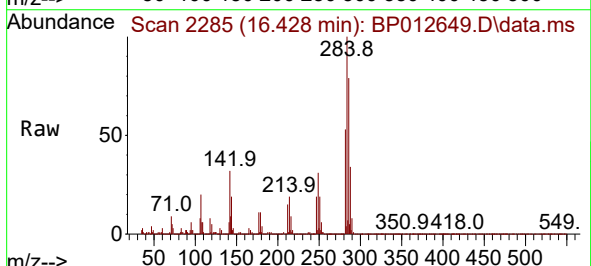
Instrument :
BNA_P
ClientSampleId :
NMS-SOIL-1108MS

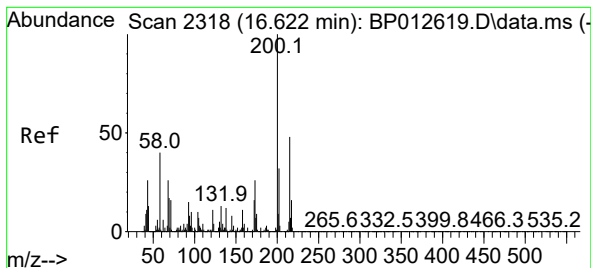
Tgt Ion:248 Resp: 424200
Ion Ratio Lower Upper
248 100
250 98.3 77.8 116.8
141 69.7 54.7 82.1



#68
Hexachlorobenzene
Concen: 41.235 ng
RT: 16.428 min Scan# 2285
Delta R.T. -0.006 min
Lab File: BP012649.D
Acq: 14 Nov 2022 12:46

Tgt Ion:284 Resp: 505154
Ion Ratio Lower Upper
284 100
142 31.9 25.1 37.7
249 30.8 24.2 36.2





#69

Atrazine

Concen: 43.146 ng

RT: 16.604 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP012649.D

Acq: 14 Nov 2022 12:46

Instrument :

BNA_P

ClientSampleId :

NMS-SOIL-1108MS

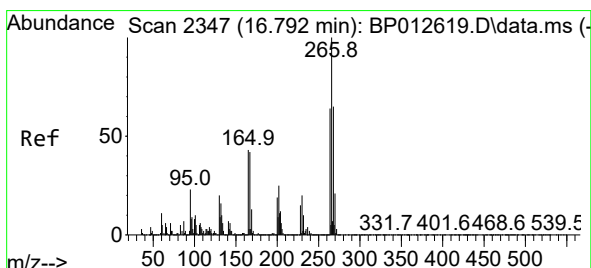
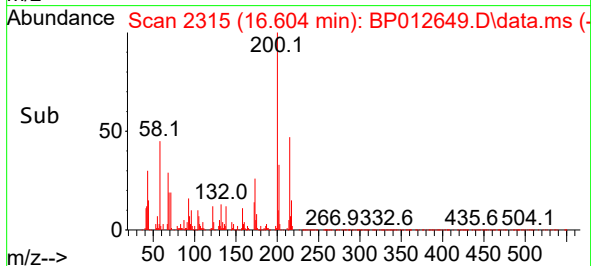
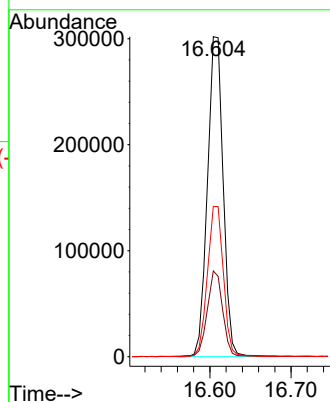
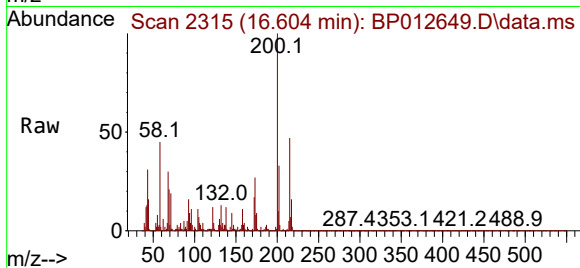
Tgt Ion:200 Resp: 405169

Ion Ratio Lower Upper

200 100

173 26.8 6.1 46.1

215 46.9 28.2 68.2



#70

Pentachlorophenol

Concen: 83.705 ng

RT: 16.787 min Scan# 2346

Delta R.T. 0.000 min

Lab File: BP012649.D

Acq: 14 Nov 2022 12:46

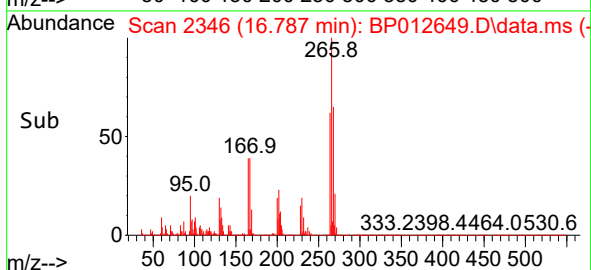
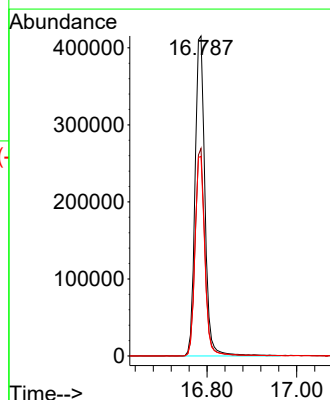
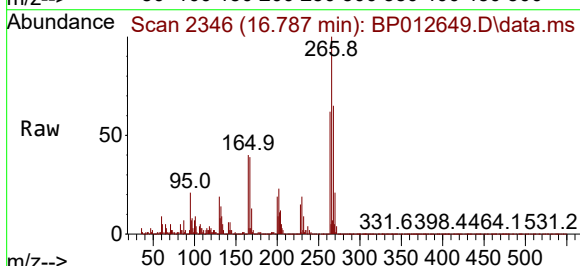
Tgt Ion:266 Resp: 632555

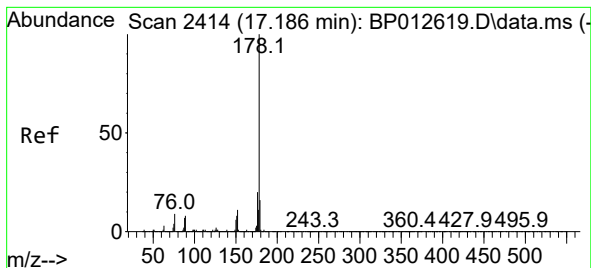
Ion Ratio Lower Upper

266 100

268 64.8 51.8 77.8

264 62.3 51.4 77.2





#71

Phenanthrene

Concen: 44.253 ng

RT: 17.175 min Scan# 2412

Delta R.T. -0.006 min

Lab File: BP012649.D

Acq: 14 Nov 2022 12:46

Instrument :

BNA_P

ClientSampleId :

NMS-SOIL-1108MS

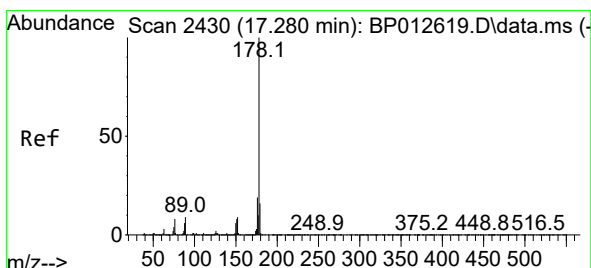
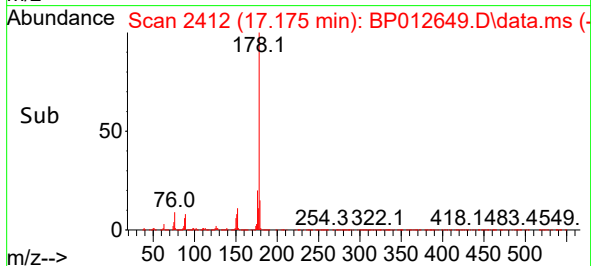
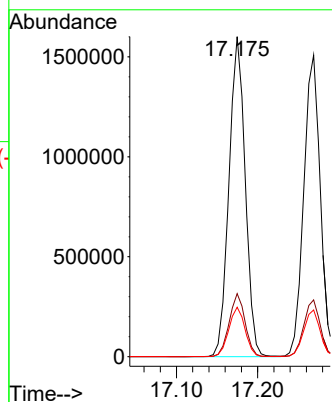
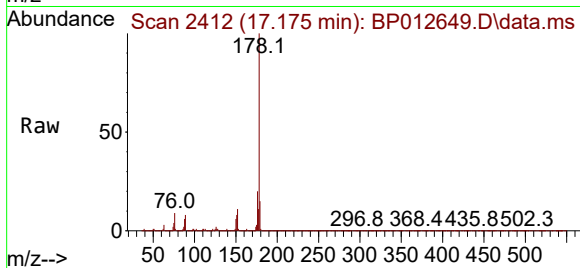
Tgt Ion:178 Resp: 2227158

Ion Ratio Lower Upper

178 100

176 19.7 15.8 23.6

179 15.4 12.6 18.8



#72

Anthracene

Concen: 44.263 ng

RT: 17.269 min Scan# 2428

Delta R.T. 0.000 min

Lab File: BP012649.D

Acq: 14 Nov 2022 12:46

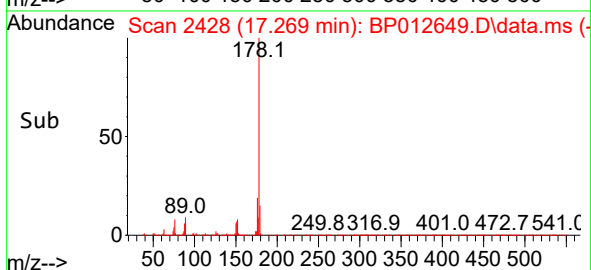
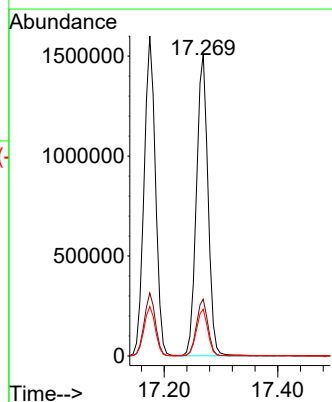
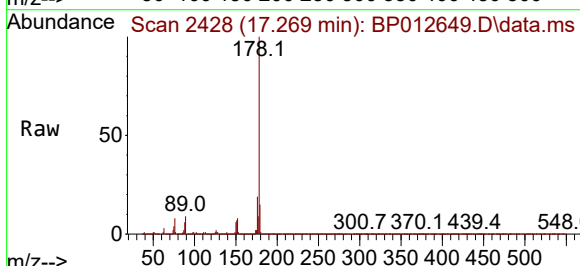
Tgt Ion:178 Resp: 2137326

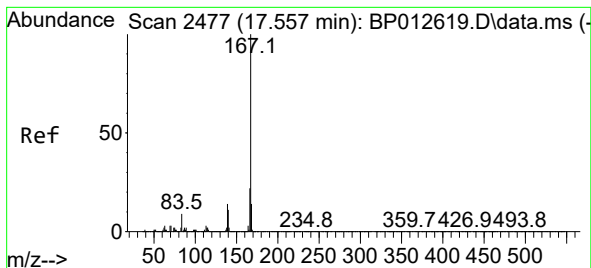
Ion Ratio Lower Upper

178 100

176 18.8 15.4 23.0

179 15.5 12.5 18.7





#73

Carbazole

Concen: 41.857 ng

RT: 17.551 min Scan# 24

Delta R.T. 0.000 min

Lab File: BP012649.D

Acq: 14 Nov 2022 12:46

Instrument :

BNA_P

ClientSampleId :

NMS-SOIL-1108MS

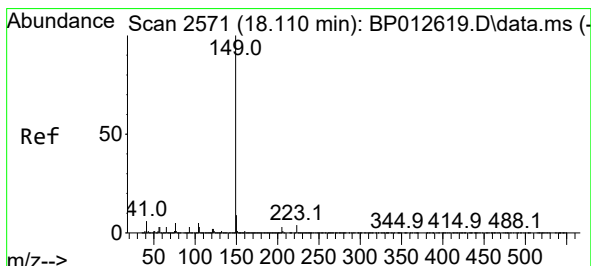
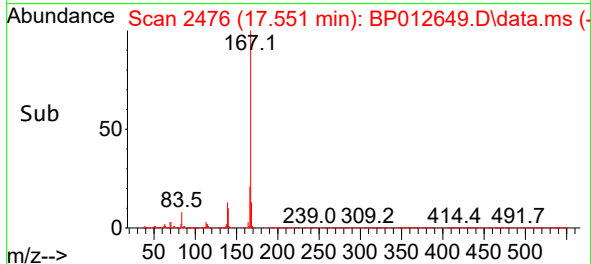
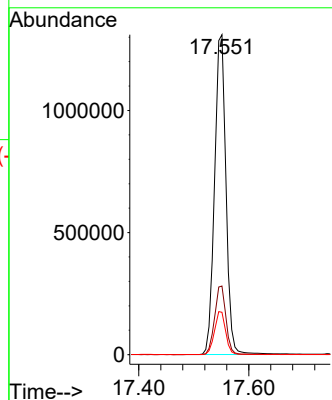
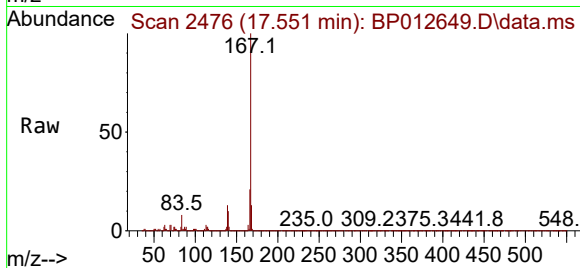
Tgt Ion:167 Resp: 1892666

Ion Ratio Lower Upper

167 100

166 21.4 17.5 26.3

139 13.3 10.9 16.3



#74

Di-n-butylphthalate

Concen: 43.956 ng

RT: 18.098 min Scan# 2569

Delta R.T. -0.006 min

Lab File: BP012649.D

Acq: 14 Nov 2022 12:46

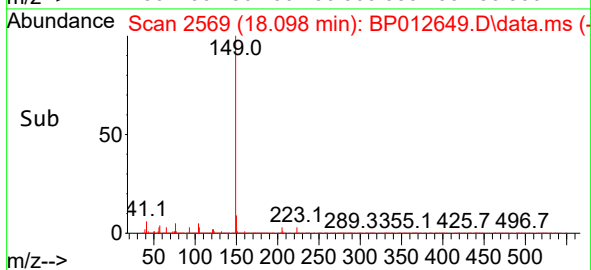
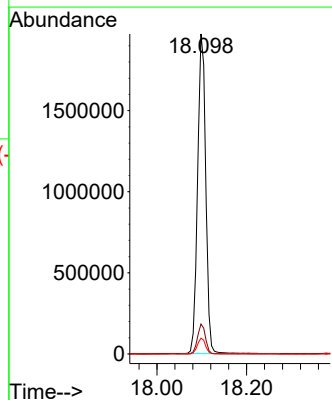
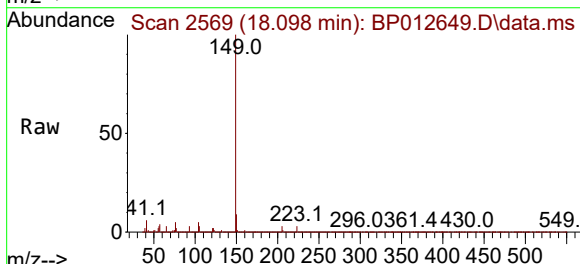
Tgt Ion:149 Resp: 2482103

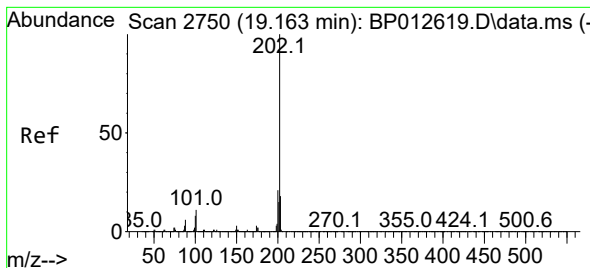
Ion Ratio Lower Upper

149 100

150 9.4 7.4 11.0

104 5.0 4.1 6.1





#75

Fluoranthene

Concen: 51.740 ng

RT: 19.157 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP012649.D

Acq: 14 Nov 2022 12:46

Instrument :

BNA_P

ClientSampleId :

NMS-SOIL-1108MS

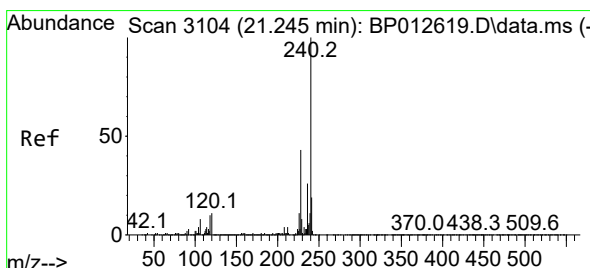
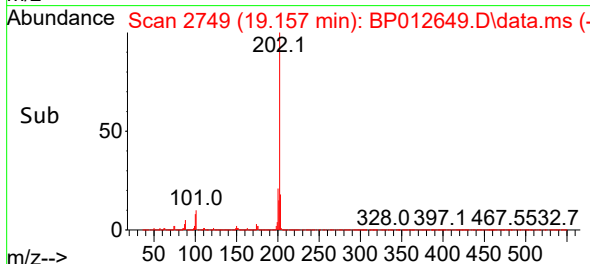
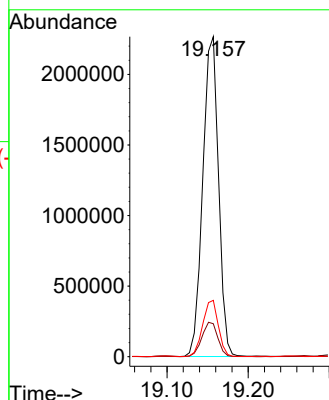
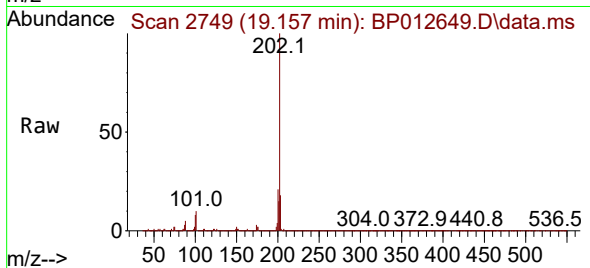
Tgt Ion:202 Resp: 3051783

Ion Ratio Lower Upper

202 100

101 10.3 0.0 31.1

203 17.6 0.0 38.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.239 min Scan# 3103

Delta R.T. 0.000 min

Lab File: BP012649.D

Acq: 14 Nov 2022 12:46

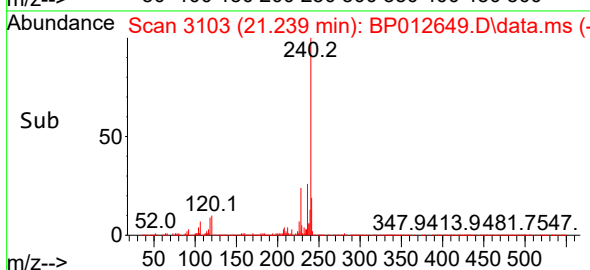
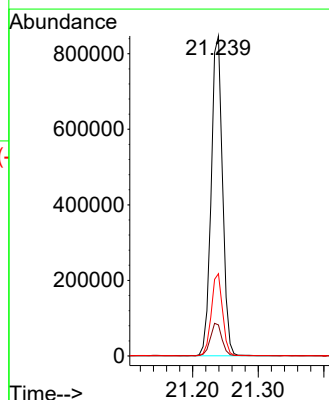
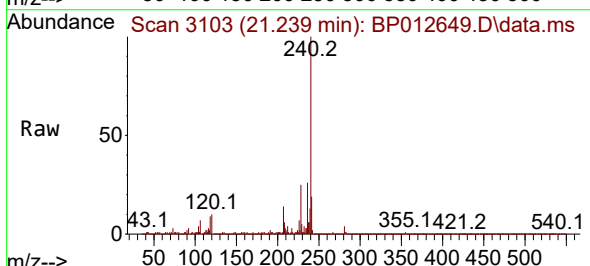
Tgt Ion:240 Resp: 1019019

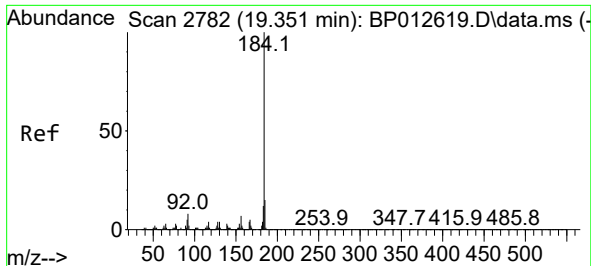
Ion Ratio Lower Upper

240 100

120 9.7 9.0 13.4

236 25.7 20.8 31.2

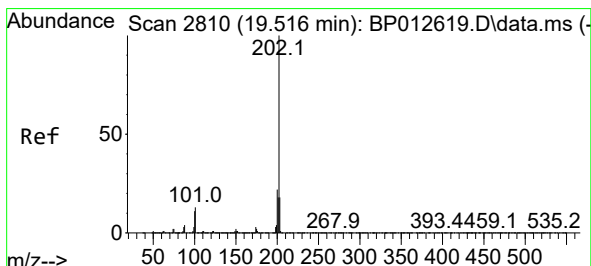
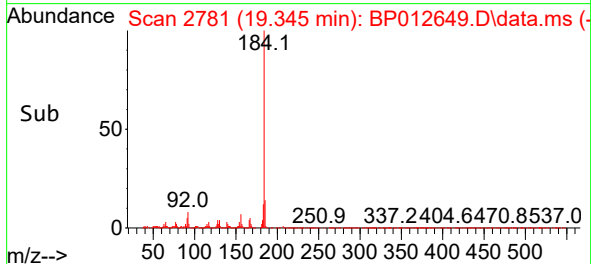
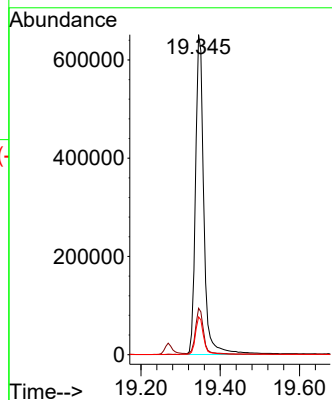
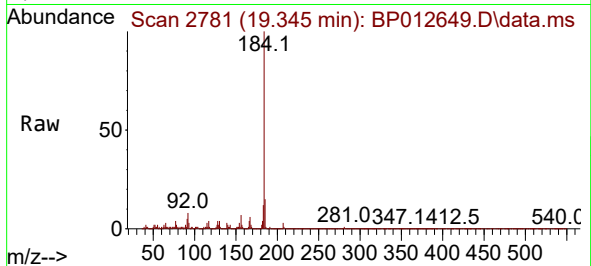




#77
Benzidine
Concen: 42.571 ng
RT: 19.345 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP012649.D
Acq: 14 Nov 2022 12:46

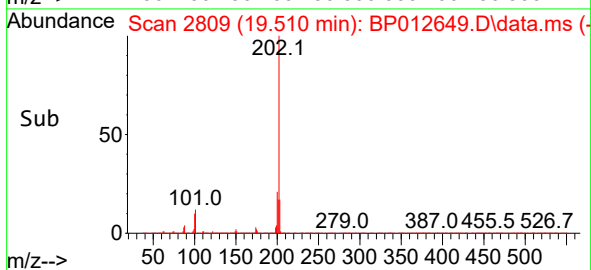
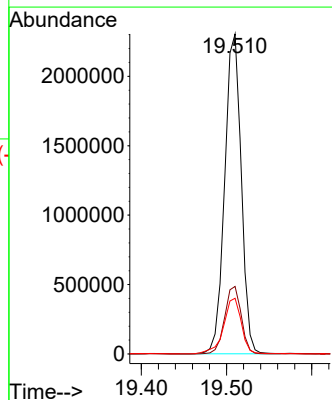
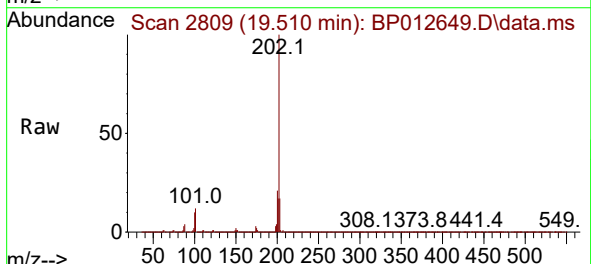
Instrument :
BNA_P
ClientSampleId :
NMS-SOIL-1108MS

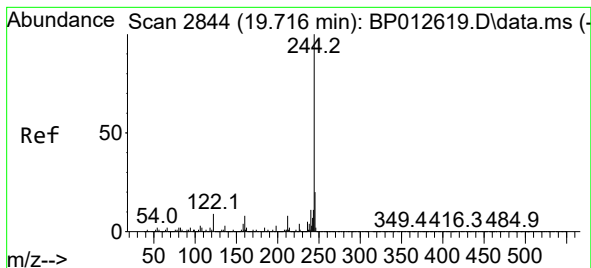
Tgt Ion:184 Resp: 957077
Ion Ratio Lower Upper
184 100
185 14.5 11.6 17.4
183 11.8 9.3 13.9



#78
Pyrene
Concen: 44.248 ng
RT: 19.510 min Scan# 2809
Delta R.T. 0.000 min
Lab File: BP012649.D
Acq: 14 Nov 2022 12:46

Tgt Ion:202 Resp: 3110565
Ion Ratio Lower Upper
202 100
200 21.1 17.4 26.0
203 17.4 14.3 21.5





#79

Terphenyl-d14

Concen: 64.535 ng

RT: 19.704 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP012649.D

Acq: 14 Nov 2022 12:46

Instrument :

BNA_P

ClientSampleId :

NMS-SOIL-1108MS

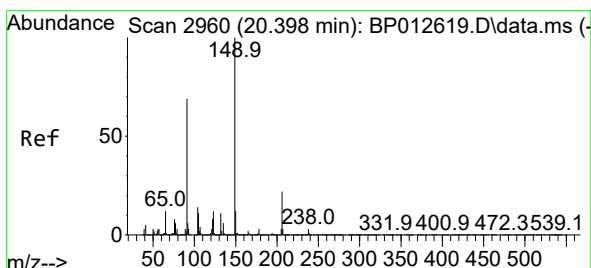
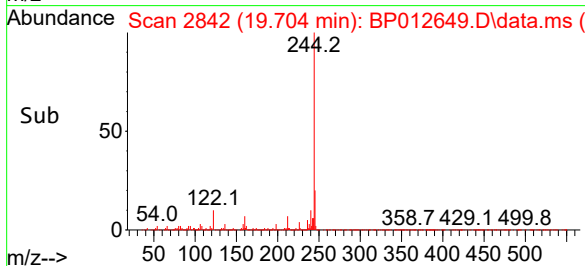
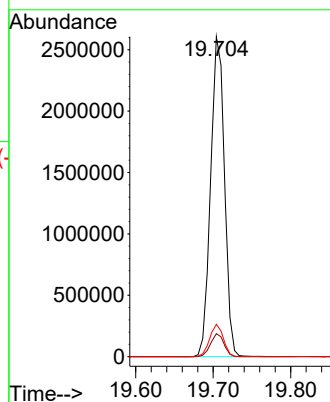
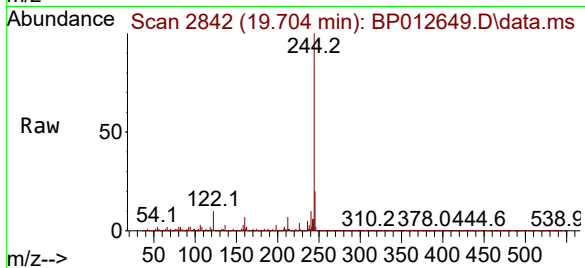
Tgt Ion:244 Resp: 3246085

Ion Ratio Lower Upper

244 100

212 7.2 6.2 9.2

122 10.1 7.0 10.4



#80

Butylbenzylphthalate

Concen: 38.545 ng

RT: 20.386 min Scan# 2958

Delta R.T. 0.000 min

Lab File: BP012649.D

Acq: 14 Nov 2022 12:46

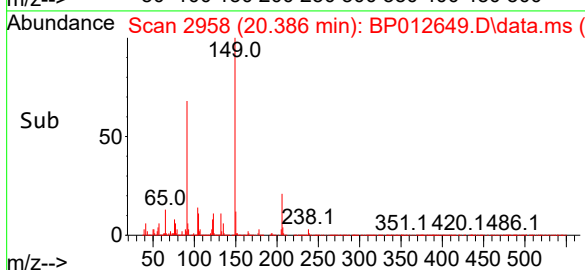
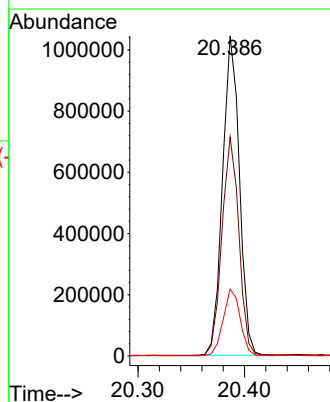
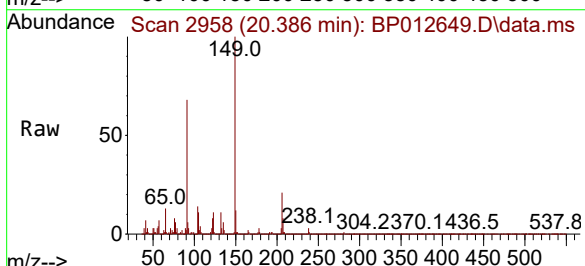
Tgt Ion:149 Resp: 1147630

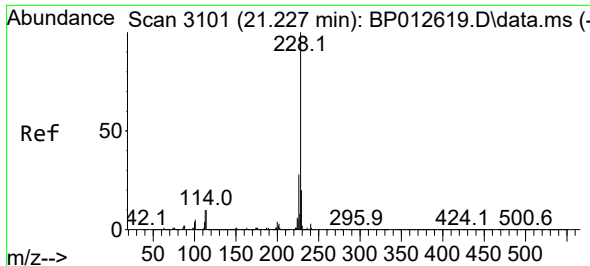
Ion Ratio Lower Upper

149 100

91 68.4 55.0 82.4

206 20.9 17.4 26.2

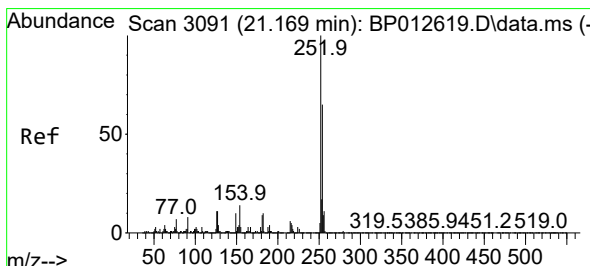
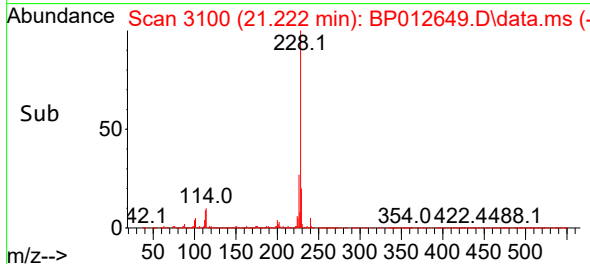
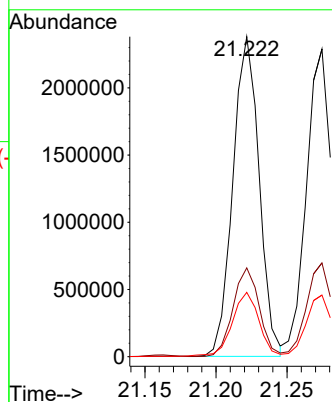
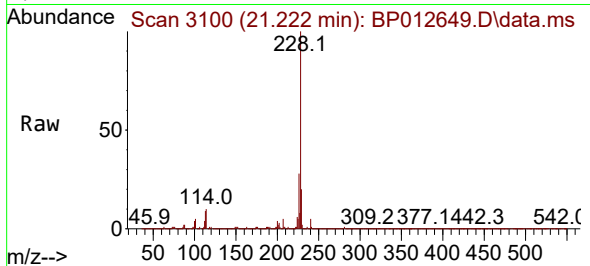




#81
Benzo(a)anthracene
Concen: 44.895 ng
RT: 21.222 min Scan# 3101
Delta R.T. 0.000 min
Lab File: BP012649.D
Acq: 14 Nov 2022 12:46

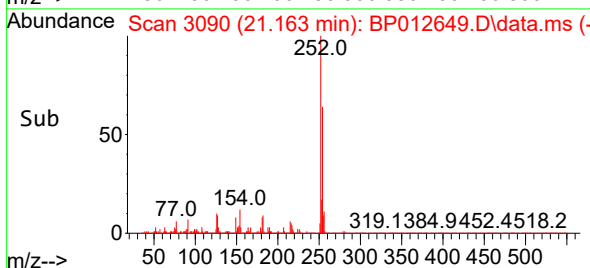
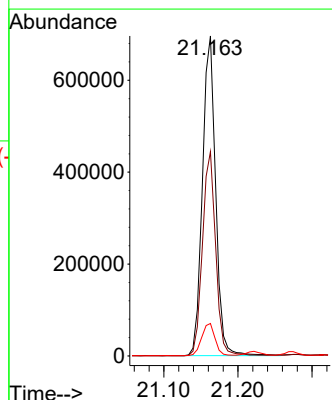
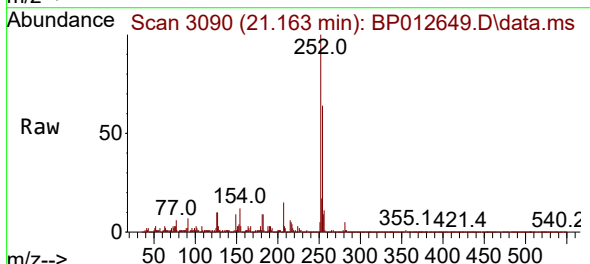
Instrument :
BNA_P
ClientSampleId :
NMS-SOIL-1108MS

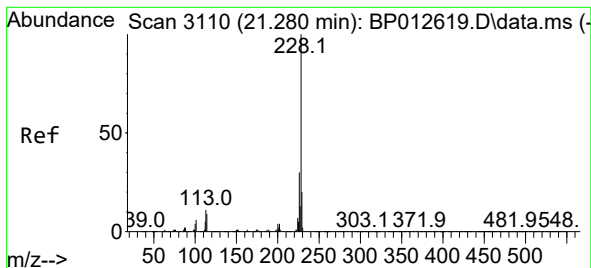
Tgt Ion:228 Resp: 3059086
Ion Ratio Lower Upper
228 100
226 27.7 22.1 33.1
229 20.1 16.2 24.2



#82
3,3'-Dichlorobenzidine
Concen: 37.068 ng
RT: 21.163 min Scan# 3090
Delta R.T. 0.000 min
Lab File: BP012649.D
Acq: 14 Nov 2022 12:46

Tgt Ion:252 Resp: 862496
Ion Ratio Lower Upper
252 100
254 63.9 51.7 77.5
126 10.2 8.7 13.1





#83

Chrysene

Concen: 43.783 ng

RT: 21.275 min Scan# 3110

Delta R.T. 0.000 min

Lab File: BP012649.D

Acq: 14 Nov 2022 12:46

Instrument :

BNA_P

ClientSampleId :

NMS-SOIL-1108MS

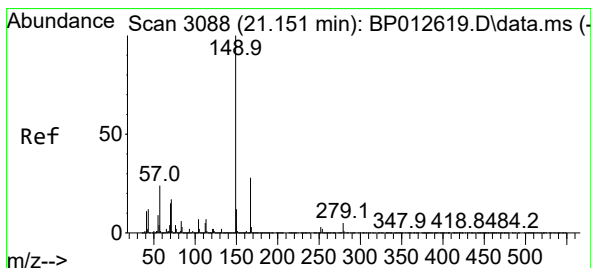
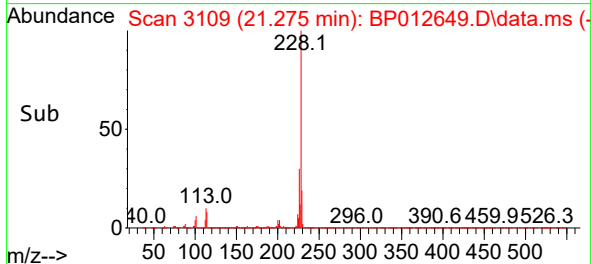
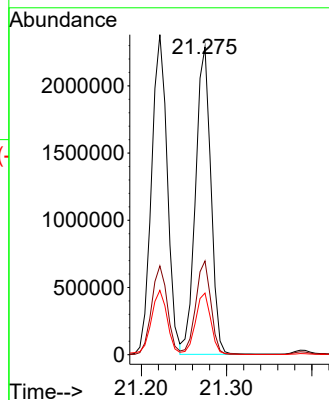
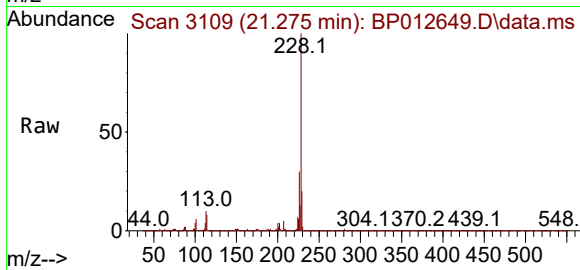
Tgt Ion:228 Resp: 2843572

Ion Ratio Lower Upper

228 100

226 30.5 24.2 36.4

229 20.0 16.2 24.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.210 ng

RT: 21.145 min Scan# 3087

Delta R.T. 0.000 min

Lab File: BP012649.D

Acq: 14 Nov 2022 12:46

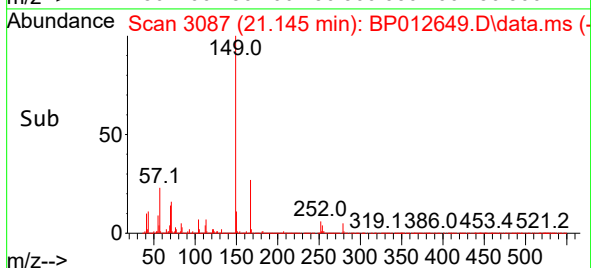
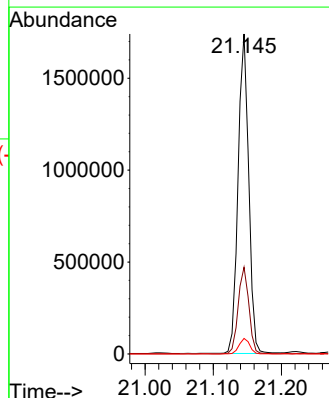
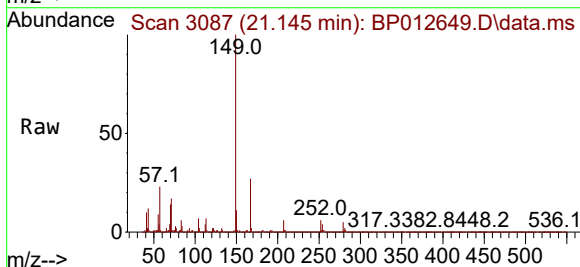
Tgt Ion:149 Resp: 1881718

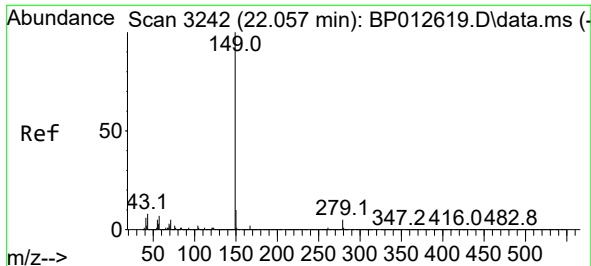
Ion Ratio Lower Upper

149 100

167 27.1 22.1 33.1

279 4.9 3.7 5.5

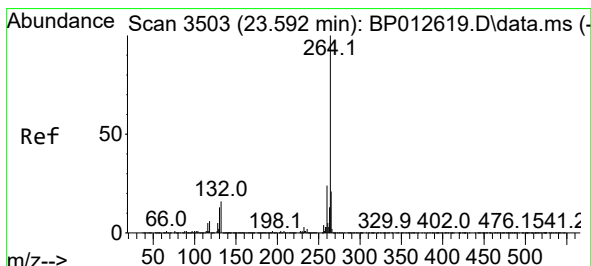
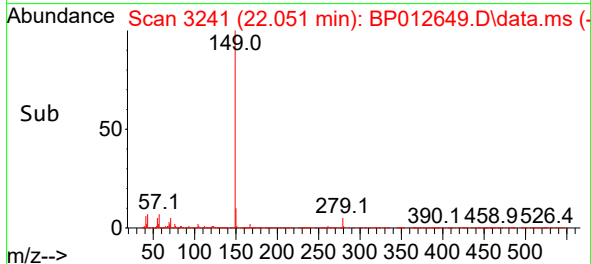
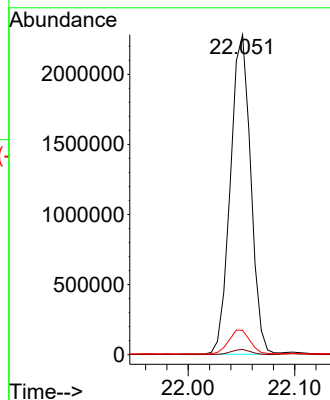
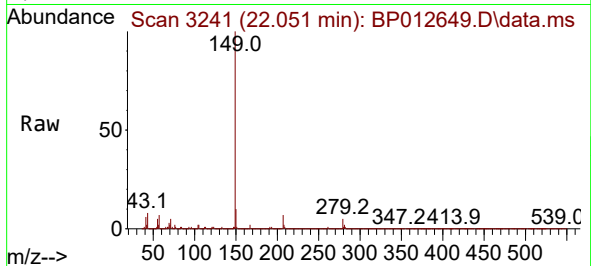




#85
Di-n-octyl phthalate
Concen: 44.055 ng
RT: 22.051 min Scan# 31
Delta R.T. 0.000 min
Lab File: BP012649.D
Acq: 14 Nov 2022 12:46

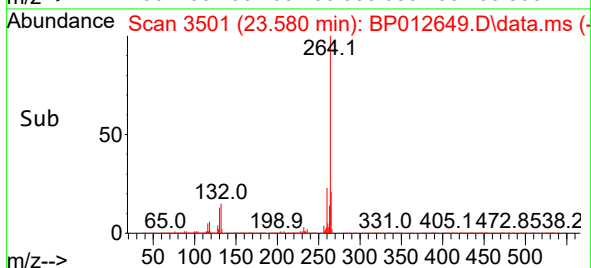
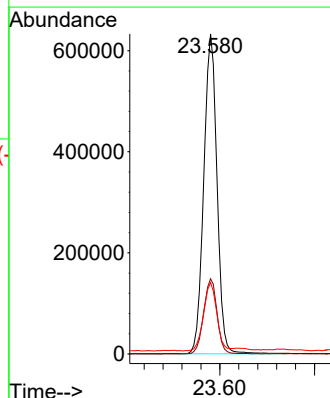
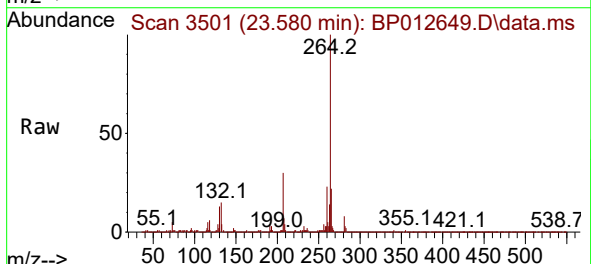
Instrument :
BNA_P
ClientSampleId :
NMS-SOIL-1108MS

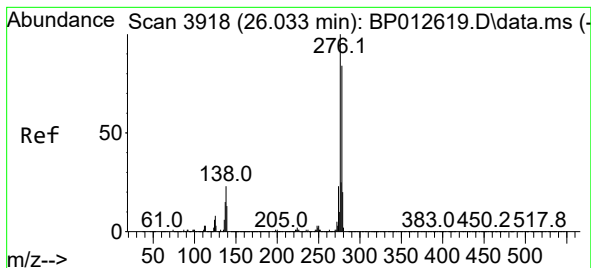
Tgt Ion:149 Resp: 3026256
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 7.8 6.4 9.6



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.580 min Scan# 3501
Delta R.T. 0.000 min
Lab File: BP012649.D
Acq: 14 Nov 2022 12:46

Tgt Ion:264 Resp: 1223267
Ion Ratio Lower Upper
264 100
260 23.5 18.9 28.3
265 22.3 17.8 26.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 47.825 ng

RT: 26.015 min Scan# 3915

Delta R.T. 0.000 min

Lab File: BP012649.D

Acq: 14 Nov 2022 12:46

Instrument :

BNA_P

ClientSampleId :

NMS-SOIL-1108MS

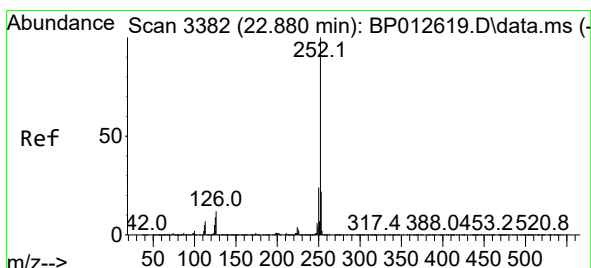
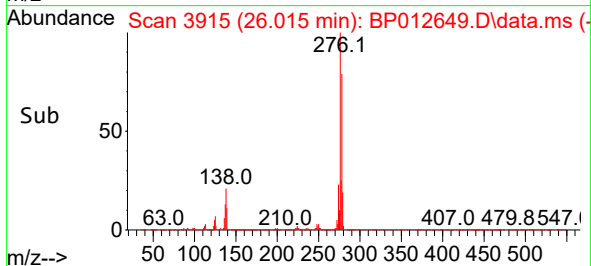
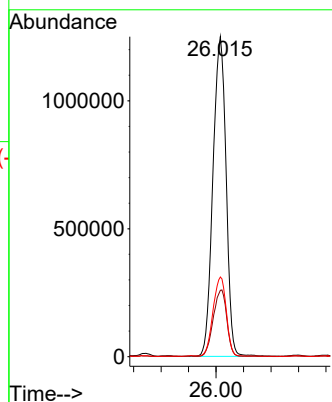
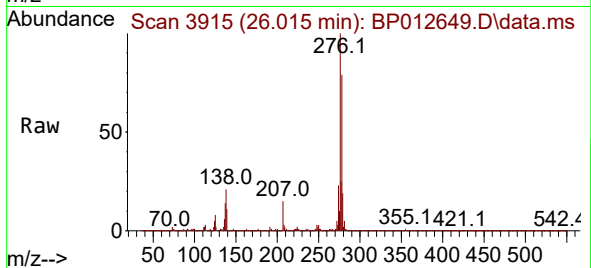
Tgt Ion:276 Resp: 4145804

Ion Ratio Lower Upper

276 100

138 21.2 18.6 27.8

277 24.8 20.2 30.4



#88

Benzo(b)fluoranthene

Concen: 45.903 ng

RT: 22.869 min Scan# 3380

Delta R.T. 0.000 min

Lab File: BP012649.D

Acq: 14 Nov 2022 12:46

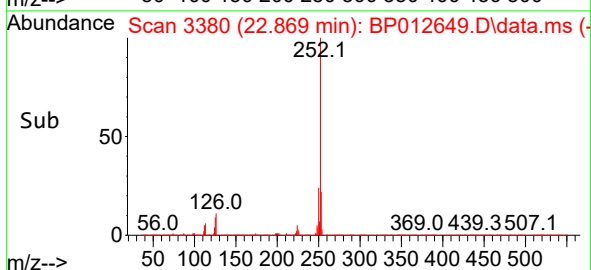
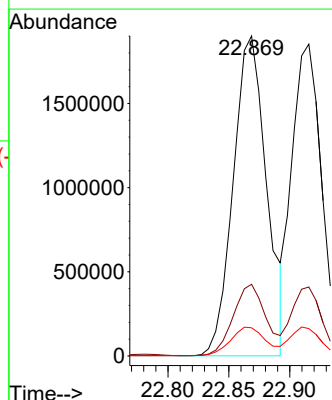
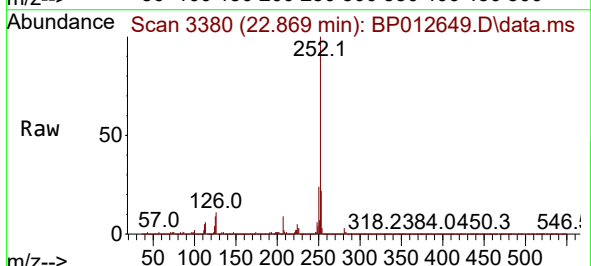
Tgt Ion:252 Resp: 3612427

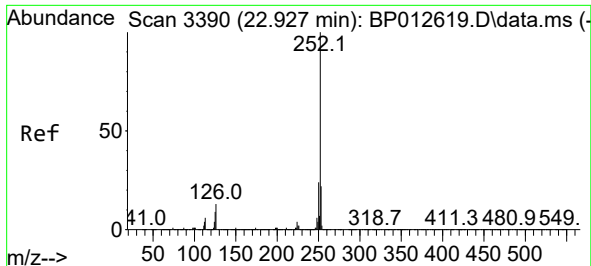
Ion Ratio Lower Upper

252 100

253 22.4 17.8 26.6

125 8.8 7.6 11.4

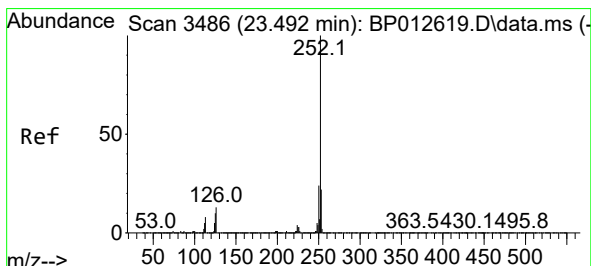
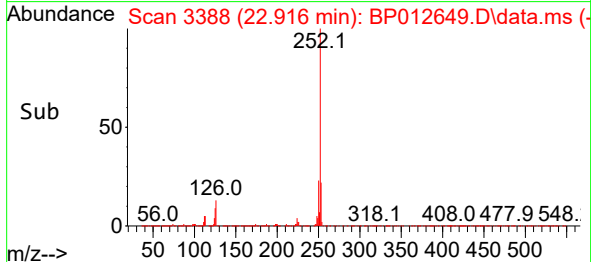
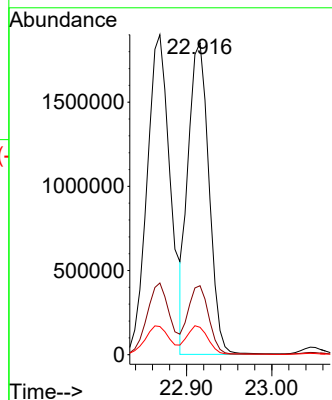
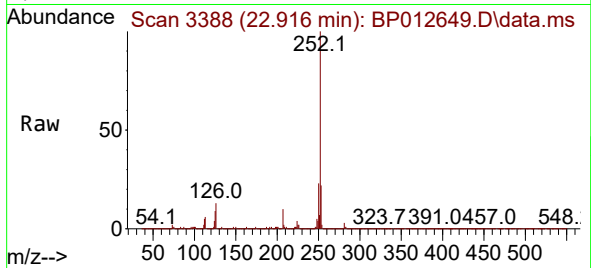




#89
Benzo(k)fluoranthene
Concen: 40.970 ng
RT: 22.916 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP012649.D
Acq: 14 Nov 2022 12:46

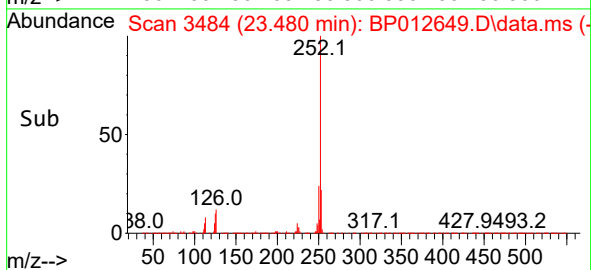
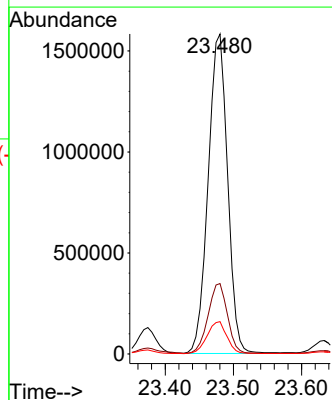
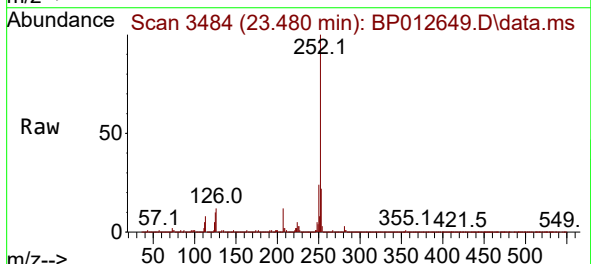
Instrument :
BNA_P
ClientSampleId :
NMS-SOIL-1108MS

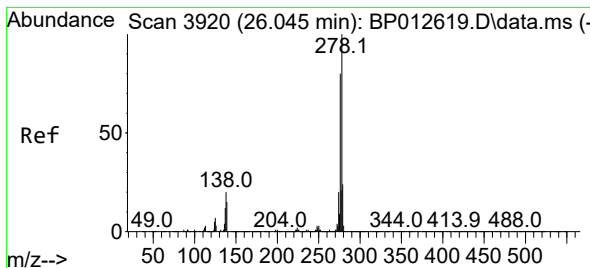
Tgt Ion:252 Resp: 3146023
Ion Ratio Lower Upper
252 100
253 22.1 17.9 26.9
125 8.7 7.7 11.5



#90
Benzo(a)pyrene
Concen: 48.784 ng
RT: 23.480 min Scan# 3484
Delta R.T. 0.000 min
Lab File: BP012649.D
Acq: 14 Nov 2022 12:46

Tgt Ion:252 Resp: 3135103
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.0
125 10.1 8.2 12.4





#91

Dibenzo(a,h)anthracene

Concen: 46.005 ng

RT: 26.027 min Scan# 3917

Delta R.T. -0.012 min

Lab File: BP012649.D

Acq: 14 Nov 2022 12:46

Instrument :

BNA_P

ClientSampleId :

NMS-SOIL-1108MS

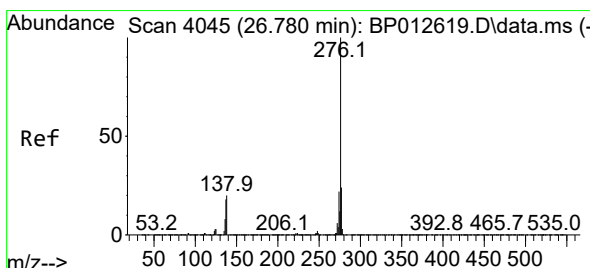
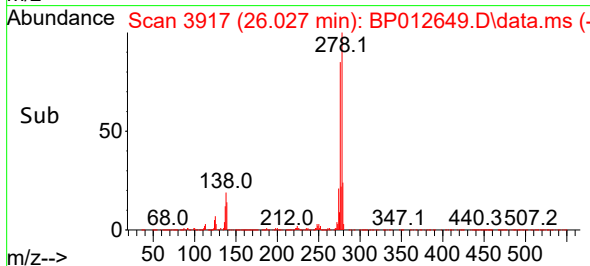
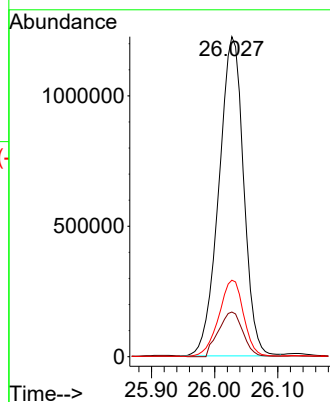
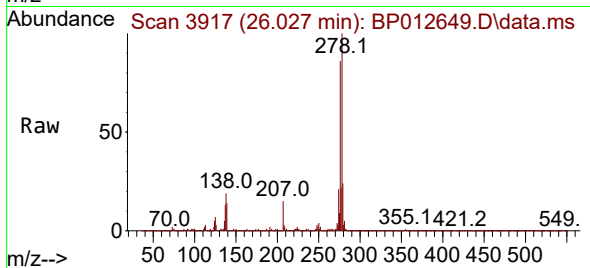
Tgt Ion:278 Resp: 3333395

Ion Ratio Lower Upper

278 100

139 14.0 11.8 17.8

279 23.9 19.2 28.8



#92

Benzo(g,h,i)perylene

Concen: 50.678 ng

RT: 26.762 min Scan# 4042

Delta R.T. -0.006 min

Lab File: BP012649.D

Acq: 14 Nov 2022 12:46

Tgt Ion:276 Resp: 3585503

Ion Ratio Lower Upper

276 100

277 24.0 19.4 29.2

138 18.4 16.2 24.4

