

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111422\
 Data File : BP012650.D
 Acq On : 14 Nov 2022 13:20
 Operator : CG/JU
 Sample : N5529-01MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 NMS-SOIL-1108MSD

Quant Time: Nov 14 16:59:28 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	201507	20.000	ng	0.00
21) Naphthalene-d8	10.504	136	737075	20.000	ng	0.00
39) Acenaphthene-d10	14.369	164	418255	20.000	ng	0.00
64) Phenanthrene-d10	17.128	188	907165	20.000	ng	0.00
76) Chrysene-d12	21.233	240	1000095	20.000	ng	0.00
86) Perylene-d12	23.580	264	1173243	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.293	112	1522506	140.690	ng	0.00
7) Phenol-d6	6.899	99	1839946	122.491	ng	0.00
23) Nitrobenzene-d5	8.881	82	1130386	85.082	ng	0.00
42) 2,4,6-Tribromophenol	15.869	330	811015	142.040	ng	0.00
45) 2-Fluorobiphenyl	12.981	172	2228923	80.900	ng	-0.01
79) Terphenyl-d14	19.704	244	3565357	72.224	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.199	88	224307	48.315	ng	100
3) Pyridine	3.599	79	581285	42.953	ng	99
4) n-Nitrosodimethylamine	3.517	42	230926	46.097	ng	99
6) Aniline	7.046	93	458242	24.109	ng	99
8) 2-Chlorophenol	7.275	128	604789	44.129	ng	99
9) Benzaldehyde	6.858	77	345088	36.422	ng	99
10) Phenol	6.922	94	714916	42.127	ng	99
11) bis(2-Chloroethyl)ether	7.146	93	582890	41.537	ng	99
12) 1,3-Dichlorobenzene	7.593	146	692347	45.846	ng	99
13) 1,4-Dichlorobenzene	7.740	146	699147	45.235	ng	100
14) 1,2-Dichlorobenzene	8.058	146	663687	45.125	ng	100
15) Benzyl Alcohol	7.963	79	486492	43.274	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.246	45	705682	38.721	ng	100
17) 2-Methylphenol	8.169	107	468452	40.063	ng	99
18) Hexachloroethane	8.775	117	250563	45.332	ng	98
19) n-Nitroso-di-n-propyla...	8.522	70	389840	35.752	ng	99
20) 3+4-Methylphenols	8.499	107	626594	38.127	ng	100
22) Acetophenone	8.540	105	840855	45.807	ng	# 99
24) Nitrobenzene	8.922	77	619079	44.759	ng	99
25) Isophorone	9.446	82	1078385	43.206	ng	99
26) 2-Nitrophenol	9.628	139	310560	46.780	ng	99
27) 2,4-Dimethylphenol	9.693	122	502512	50.667	ng	98
28) bis(2-Chloroethoxy)met...	9.928	93	698226	45.149	ng	100
29) 2,4-Dichlorophenol	10.163	162	520732	44.321	ng	99
30) 1,2,4-Trichlorobenzene	10.369	180	581576	45.676	ng	99
31) Naphthalene	10.557	128	1738831	43.424	ng	100
32) Benzoic acid	9.857	122	368129	37.382	ng	99
33) 4-Chloroaniline	10.687	127	266854	15.978	ng	99
34) Hexachlorobutadiene	10.828	225	373138	46.320	ng	99
35) Caprolactam	11.499	113	152567	38.851	ng	97
36) 4-Chloro-3-methylphenol	11.822	107	538980	40.643	ng	99
37) 2-Methylnaphthalene	12.175	142	1160819	40.444	ng	99
38) 1-Methylnaphthalene	12.393	142	1094190	38.963	ng	100
40) 1,2,4,5-Tetrachloroben...	12.546	216	618852	49.657	ng	100
41) Hexachlorocyclopentadiene	12.510	237	504814	79.416	ng	100
43) 2,4,6-Trichlorophenol	12.798	196	404601	46.218	ng	99

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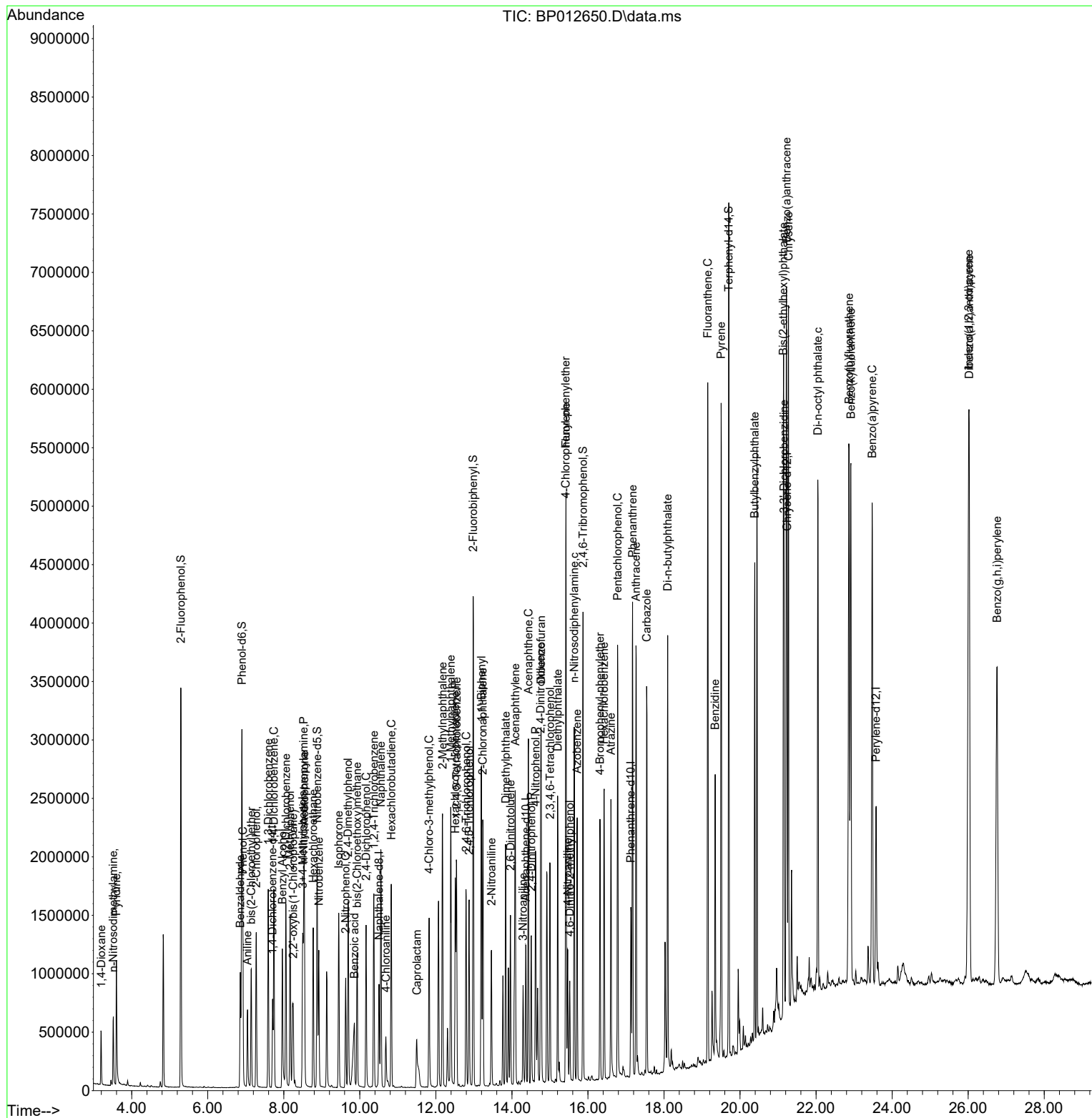
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44) 2,4,5-Trichlorophenol	12.875	196	445480	45.589	ng	99
46) 1,1'-Biphenyl	13.198	154	1459225	47.111	ng	99
47) 2-Chloronaphthalene	13.234	162	1137398	46.786	ng	99
48) 2-Nitroaniline	13.463	65	323533	44.003	ng	100
49) Acenaphthylene	14.087	152	1817832	47.088	ng	99
50) Dimethylphthalate	13.840	163	1361055	41.177	ng	99
51) 2,6-Dinitrotoluene	13.963	165	303233	43.020	ng	97
52) Acenaphthene	14.434	154	1057536	45.005	ng	99
53) 3-Nitroaniline	14.292	138	224009	29.529	ng	99
54) 2,4-Dinitrophenol	14.510	184	293822	60.017	ng	97
55) Dibenzofuran	14.769	168	1670767	44.986	ng	99
56) 4-Nitrophenol	14.622	139	573359	90.940	ng	96
57) 2,4-Dinitrotoluene	14.757	165	411227	45.268	ng	98
58) Fluorene	15.422	166	1321985	45.092	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.004	232	394238	43.805	ng	99
60) Diethylphthalate	15.204	149	1373572	41.511	ng	99
61) 4-Chlorophenyl-phenyle...	15.416	204	652885	44.927	ng	100
62) 4-Nitroaniline	15.469	138	294570	37.597	ng	98
63) Azobenzene	15.716	77	1266317	42.693	ng	98
65) 4,6-Dinitro-2-methylph...	15.522	198	189153	30.690	ng	97
66) n-Nitrosodiphenylamine	15.639	169	1154623	43.149	ng	100
67) 4-Bromophenyl-phenylether	16.316	248	448351	43.966	ng	96
68) Hexachlorobenzene	16.428	284	547577	44.985	ng	98
69) Atrazine	16.604	200	433631	46.474	ng	99
70) Pentachlorophenol	16.781	266	706664	94.114	ng	99
71) Phenanthrene	17.175	178	2419379	48.381	ng	99
72) Anthracene	17.263	178	2319884	48.353	ng	100
73) Carbazole	17.545	167	2127193	47.346	ng	99
74) Di-n-butylphthalate	18.098	149	2586993	46.108	ng	100
75) Fluoranthene	19.151	202	3427359	58.481	ng	99
77) Benzidine	19.345	184	1383226	62.691	ng	99
78) Pyrene	19.504	202	3453939	50.062	ng	99
80) Butylbenzylphthalate	20.386	149	1287616	44.065	ng	98
81) Benzo(a)anthracene	21.222	228	3292679	49.238	ng	99
82) 3,3'-Dichlorobenzidine	21.157	252	1004726	43.997	ng	99
83) Chrysene	21.274	228	3026955	47.489	ng	100
84) Bis(2-ethylhexyl)phtha...	21.139	149	1960974	49.067	ng	99
85) Di-n-octyl phthalate	22.045	149	3256820	48.309	ng	99
87) Indeno(1,2,3-cd)pyrene	26.015	276	4263084	51.275	ng	97
88) Benzo(b)fluoranthene	22.869	252	3634307	48.150	ng	99
89) Benzo(k)fluoranthene	22.916	252	3437948	46.681	ng	99
90) Benzo(a)pyrene	23.474	252	3266710	52.999	ng	99
91) Dibenzo(a,h)anthracene	26.027	278	3442712	49.540	ng	98
92) Benzo(g,h,i)perylene	26.762	276	3682593	54.270	ng	97

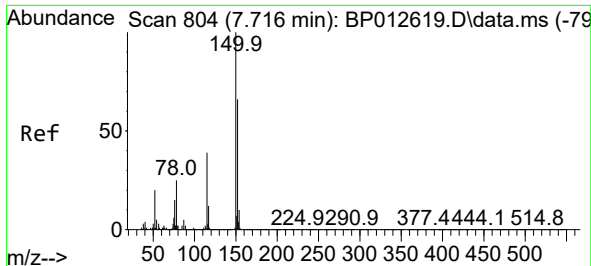
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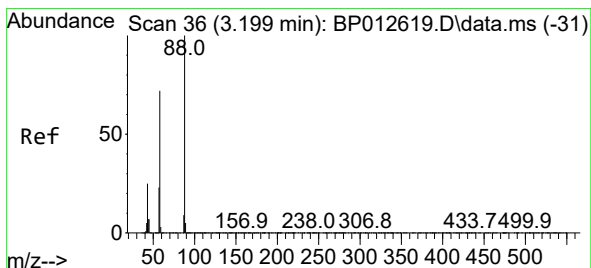
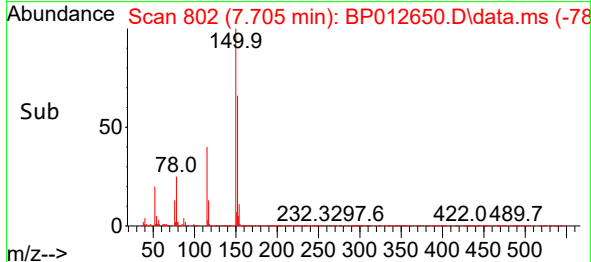
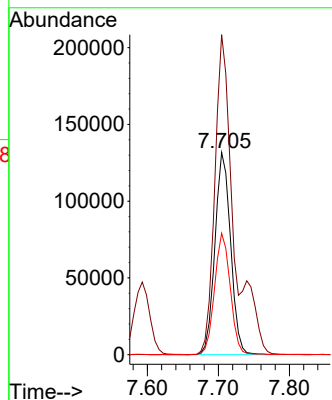
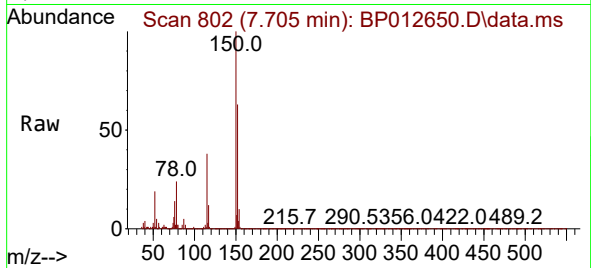




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.705 min Scan# 80
Delta R.T. -0.005 min
Lab File: BP012650.D
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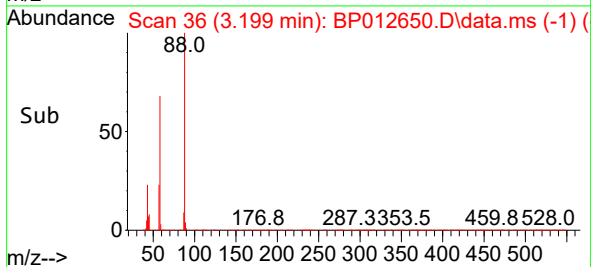
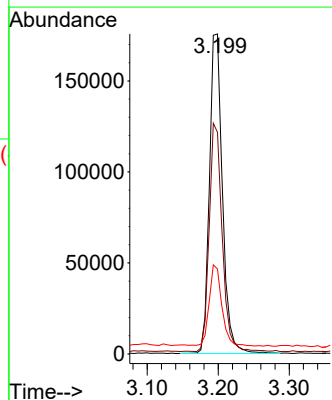
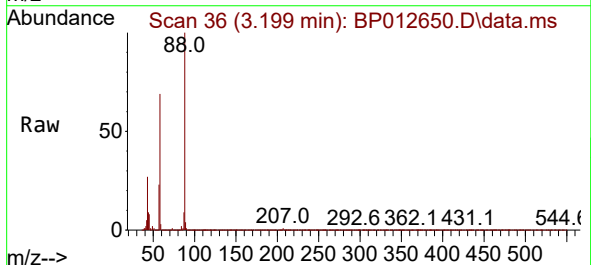
Instrument :
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ClientSampleId :
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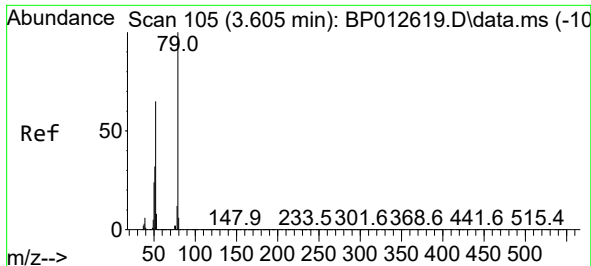
Tgt Ion:152 Resp: 201507
Ion Ratio Lower Upper
152 100
150 158.3 122.1 183.1
115 60.1 47.3 70.9



#2
1,4-Dioxane
Concen: 48.315 ng
RT: 3.199 min Scan# 36
Delta R.T. 0.000 min
Lab File: BP012650.D
Acq: 14 Nov 2022 13:20

Tgt Ion: 88 Resp: 224307
Ion Ratio Lower Upper
88 100
58 71.3 57.0 85.6
43 24.8 19.5 29.3

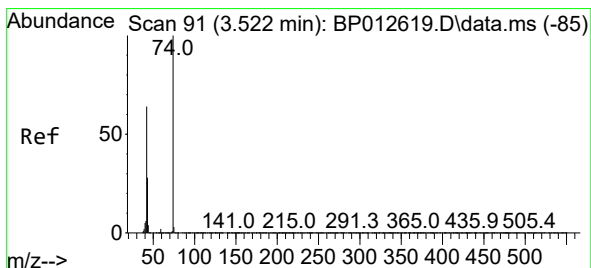
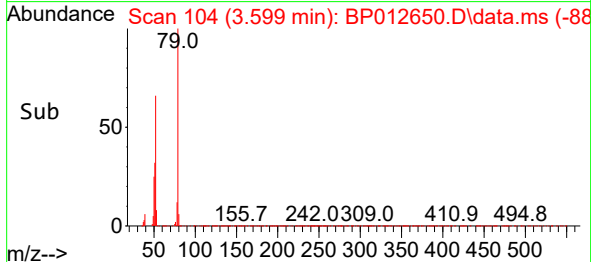
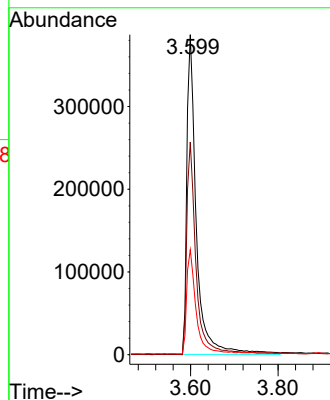
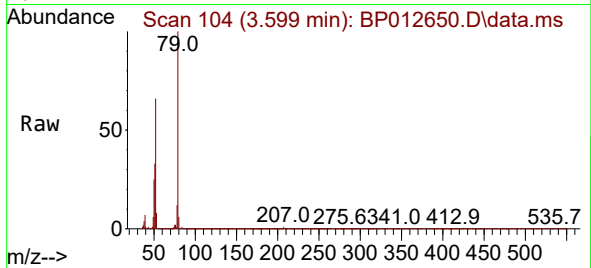




#3
Pyridine
Concen: 42.953 ng
RT: 3.599 min Scan# 104
Delta R.T. -0.006 min
Lab File: BP012650.D
Acq: 14 Nov 2022 13:20

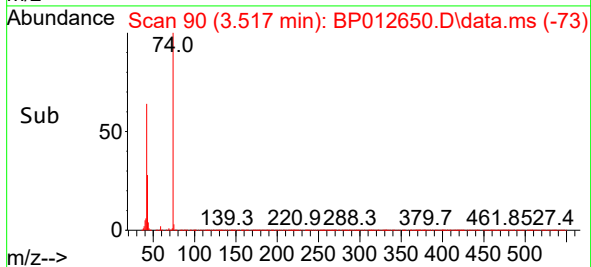
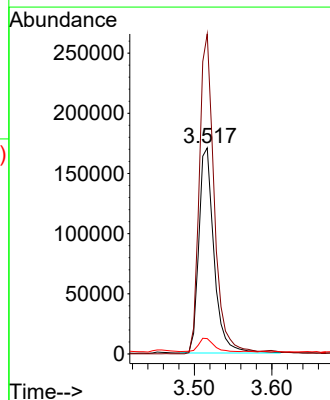
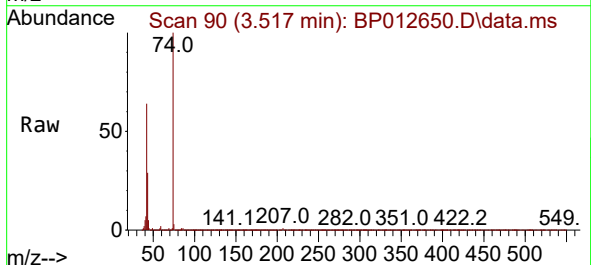
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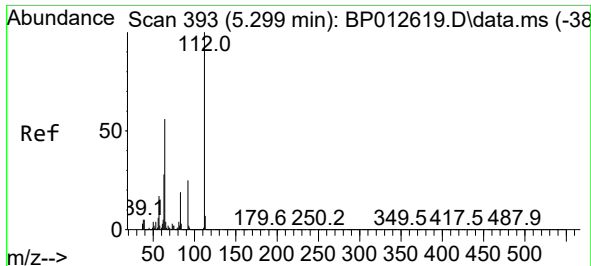
Tgt Ion: 79 Resp: 581285
Ion Ratio Lower Upper
79 100
52 66.4 52.2 78.4
51 32.8 26.2 39.2



#4
n-Nitrosodimethylamine
Concen: 46.097 ng
RT: 3.517 min Scan# 90
Delta R.T. 0.000 min
Lab File: BP012650.D
Acq: 14 Nov 2022 13:20

Tgt Ion: 42 Resp: 230926
Ion Ratio Lower Upper
42 100
74 155.3 125.1 187.7
44 7.5 5.9 8.9

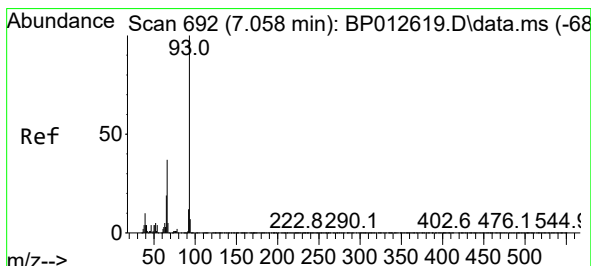
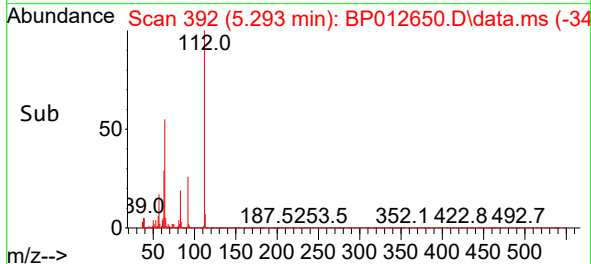
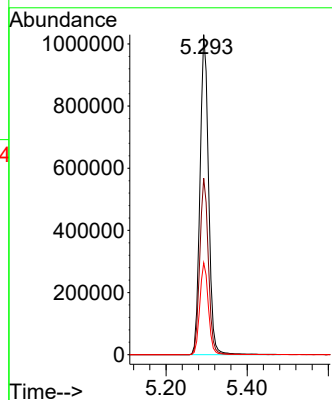
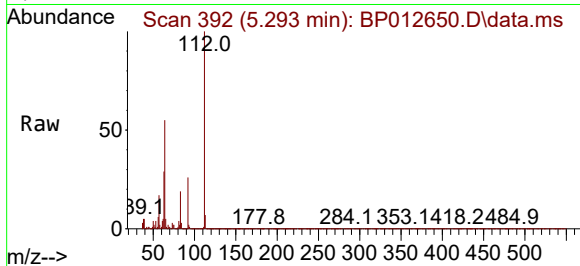




#5
2-Fluorophenol
Concen: 140.690 ng
RT: 5.293 min Scan# 393
Delta R.T. 0.000 min
Lab File: BP012650.D
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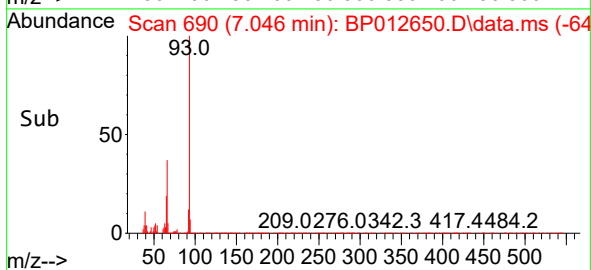
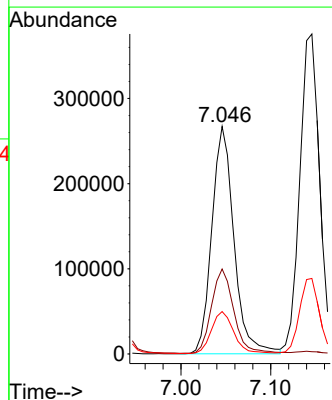
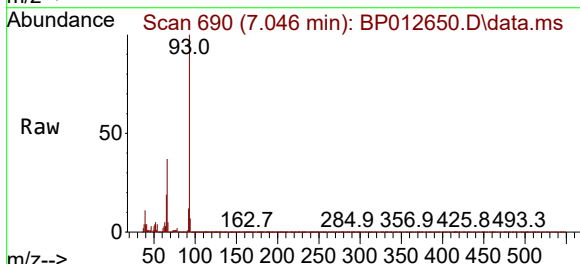
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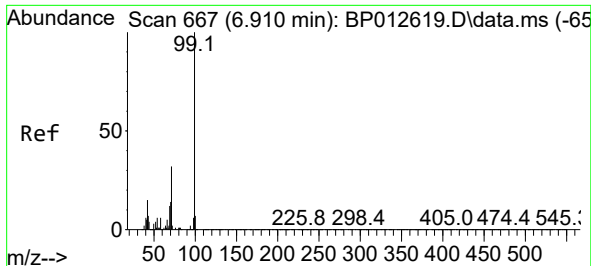
Tgt Ion:112 Resp: 1522506
Ion Ratio Lower Upper
112 100
64 55.1 44.6 67.0
63 28.7 22.8 34.2



#6
Aniline
Concen: 24.109 ng
RT: 7.046 min Scan# 690
Delta R.T. -0.006 min
Lab File: BP012650.D
Acq: 14 Nov 2022 13:20

Tgt Ion: 93 Resp: 458242
Ion Ratio Lower Upper
93 100
66 37.4 29.8 44.6
65 18.6 15.4 23.2

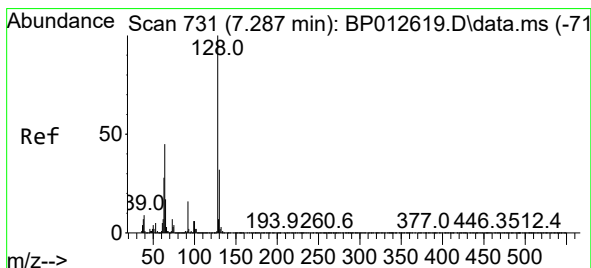
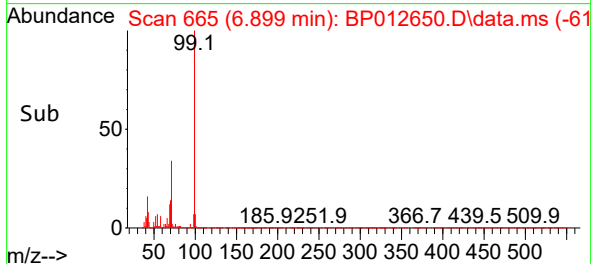
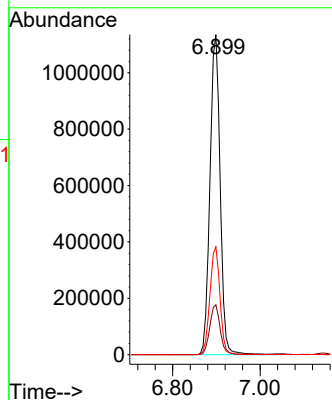
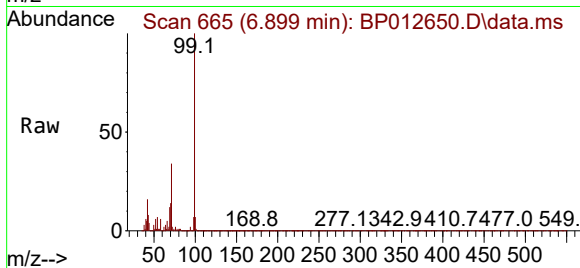




#7
Phenol-d6
Concen: 122.491 ng
RT: 6.899 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP012650.D
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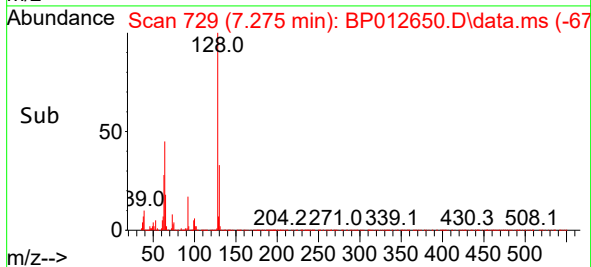
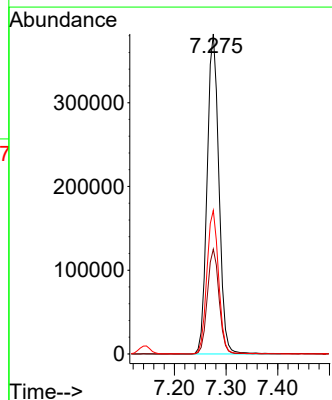
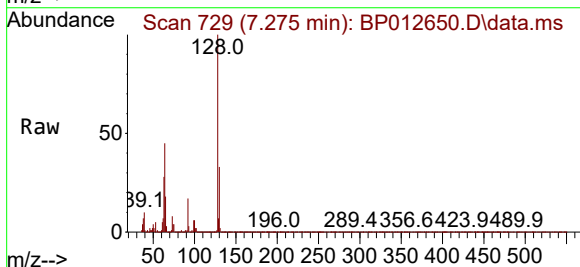
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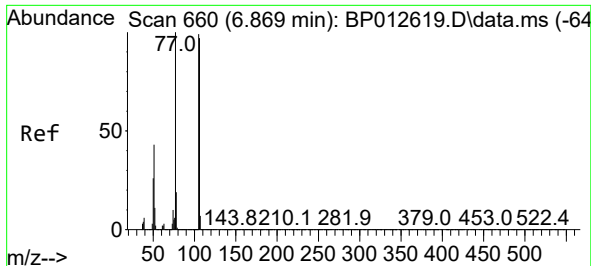
Tgt Ion: 99 Resp: 1839946
Ion Ratio Lower Upper
99 100
42 15.6 12.2 18.2
71 33.7 26.0 39.0



#8
2-Chlorophenol
Concen: 44.129 ng
RT: 7.275 min Scan# 729
Delta R.T. -0.006 min
Lab File: BP012650.D
Acq: 14 Nov 2022 13:20

Tgt Ion:128 Resp: 604789
Ion Ratio Lower Upper
128 100
130 32.8 11.9 51.9
64 44.9 24.6 64.6

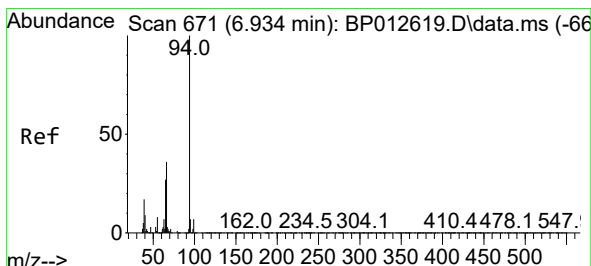
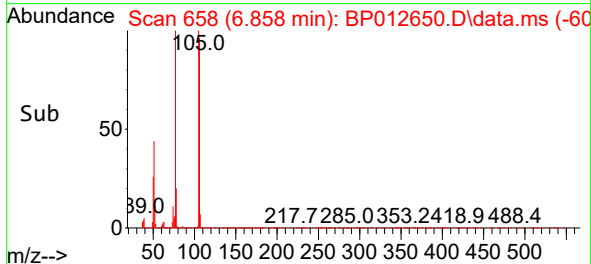
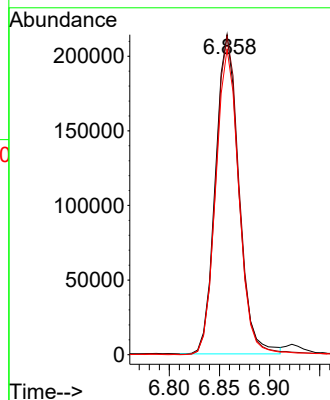
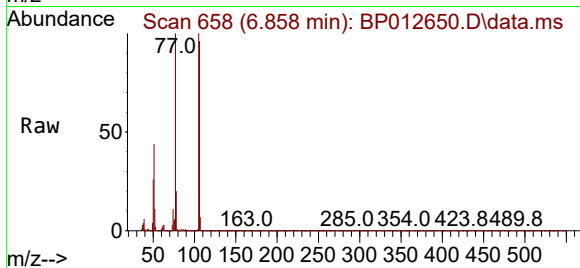




#9
Benzaldehyde
Concen: 36.422 ng
RT: 6.858 min Scan# 61
Delta R.T. -0.006 min
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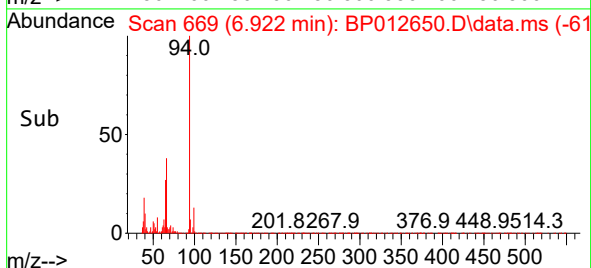
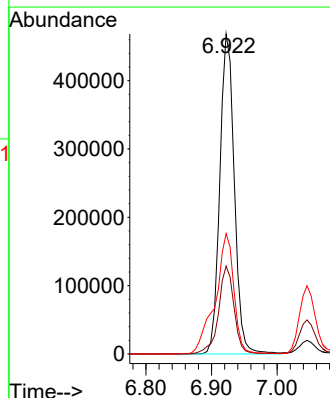
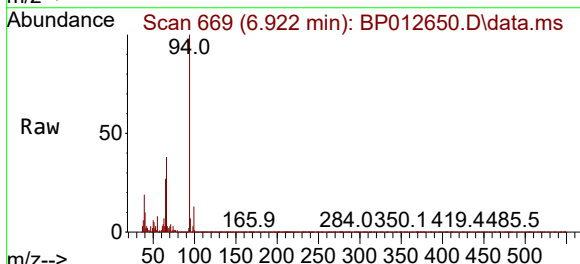
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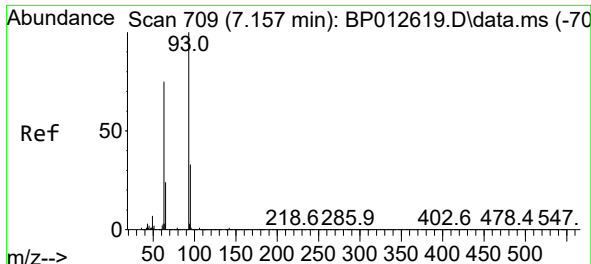
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Ion Ratio Lower Upper
77 100
105 99.6 79.5 119.5
106 95.5 76.9 116.9



#10
Phenol
Concen: 42.127 ng
RT: 6.922 min Scan# 669
Delta R.T. -0.006 min
Lab File: BP012650.D
Acq: 14 Nov 2022 13:20

Tgt Ion: 94 Resp: 714916
Ion Ratio Lower Upper
94 100
65 27.5 7.5 47.5
66 37.6 16.3 56.3

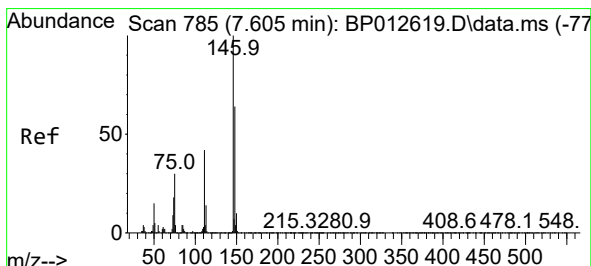
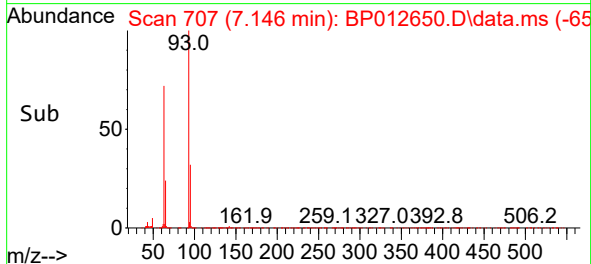
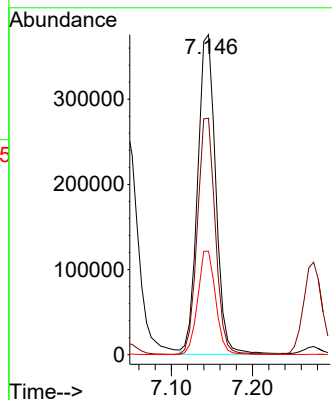
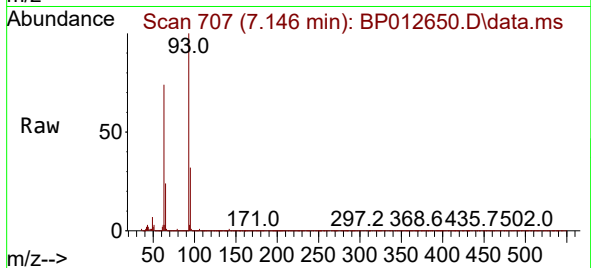




#11
bis(2-Chloroethyl)ether
Concen: 41.537 ng
RT: 7.146 min Scan# 709
Delta R.T. -0.006 min
Lab File: BP012650.D
Acq: 14 Nov 2022 13:20

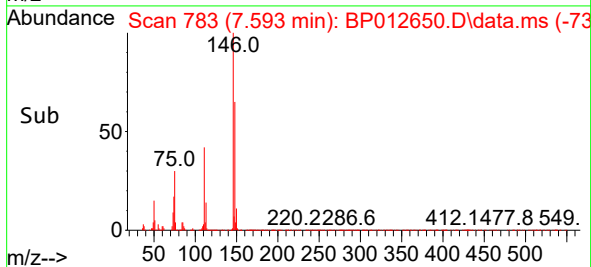
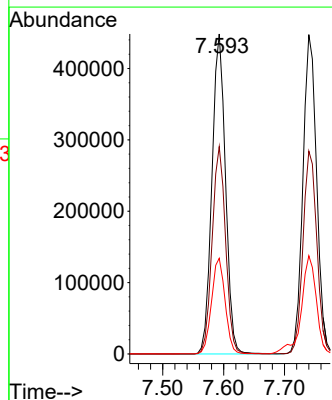
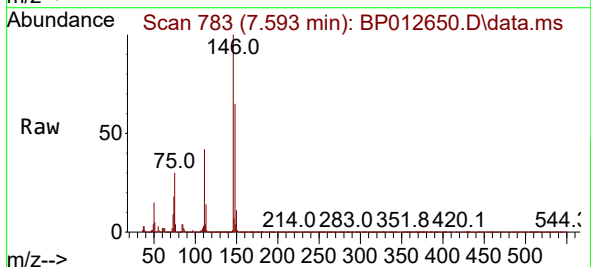
Instrument :
BNA_P
ClientSampleId :
NMS-SOIL-1108MSD

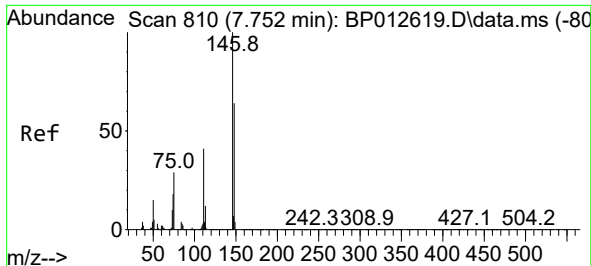
Tgt Ion: 93 Resp: 582890
Ion Ratio Lower Upper
93 100
63 73.9 54.2 94.2
95 32.3 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 45.846 ng
RT: 7.593 min Scan# 783
Delta R.T. -0.006 min
Lab File: BP012650.D
Acq: 14 Nov 2022 13:20

Tgt Ion: 146 Resp: 692347
Ion Ratio Lower Upper
146 100
148 64.8 51.2 76.8
75 29.9 23.7 35.5

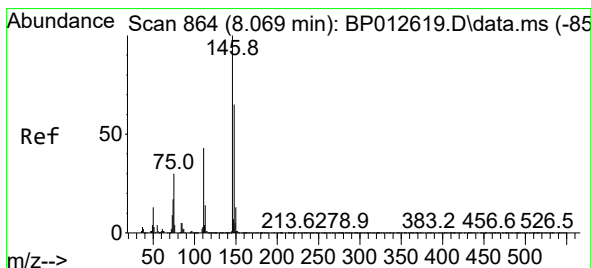
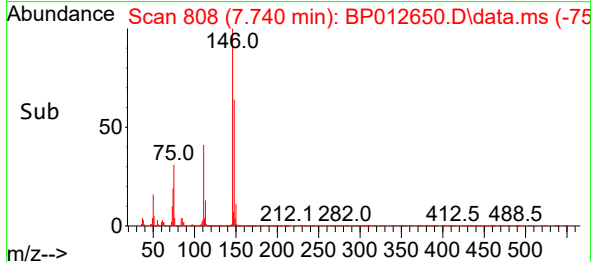
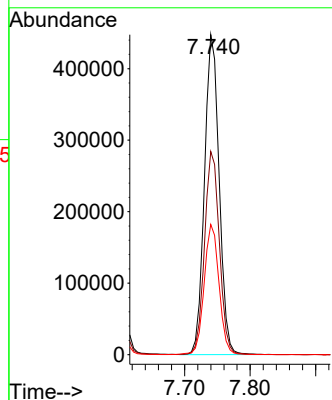
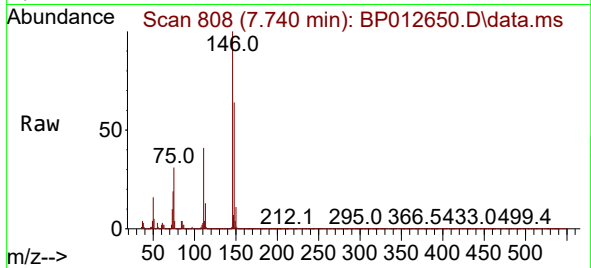




#13
1,4-Dichlorobenzene
Concen: 45.235 ng
RT: 7.740 min Scan# 80
Delta R.T. -0.006 min
Lab File: BP012650.D
Acq: 14 Nov 2022 13:20

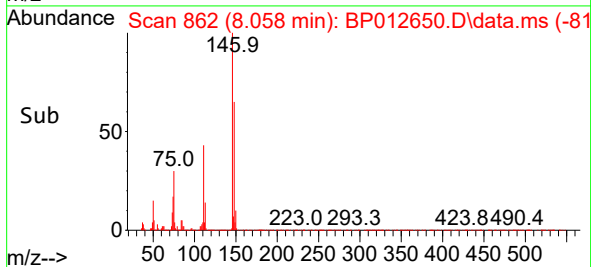
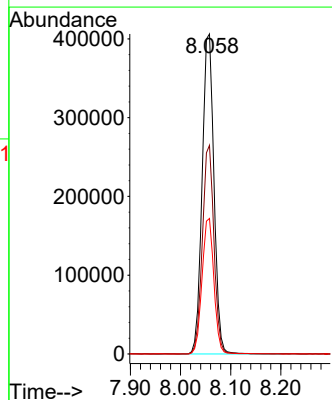
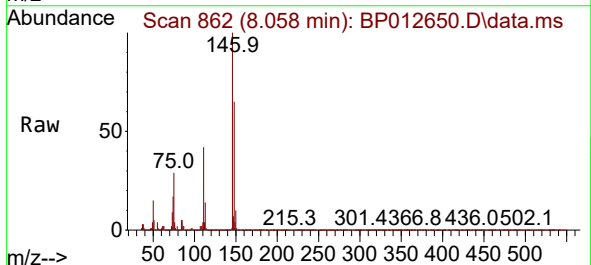
Instrument :
BNA_P
ClientSampleId :
NMS-SOIL-1108MSD

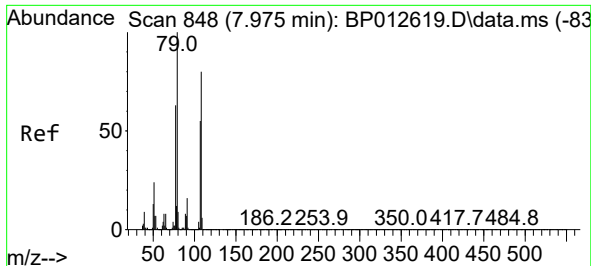
Tgt Ion:146 Resp: 699147
Ion Ratio Lower Upper
146 100
148 63.5 51.1 76.7
111 40.7 32.8 49.2



#14
1,2-Dichlorobenzene
Concen: 45.125 ng
RT: 8.058 min Scan# 862
Delta R.T. -0.006 min
Lab File: BP012650.D
Acq: 14 Nov 2022 13:20

Tgt Ion:146 Resp: 663687
Ion Ratio Lower Upper
146 100
148 65.2 52.1 78.1
111 42.4 34.2 51.2

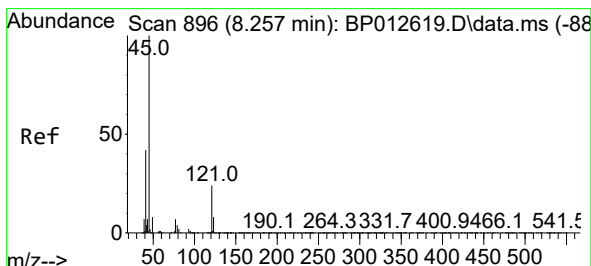
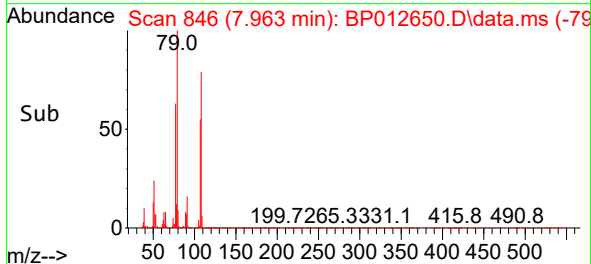
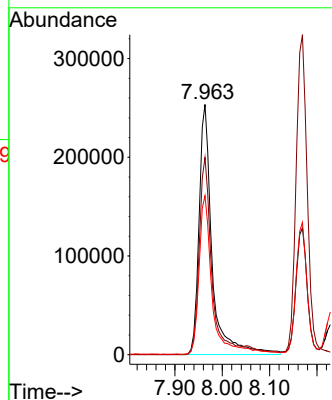
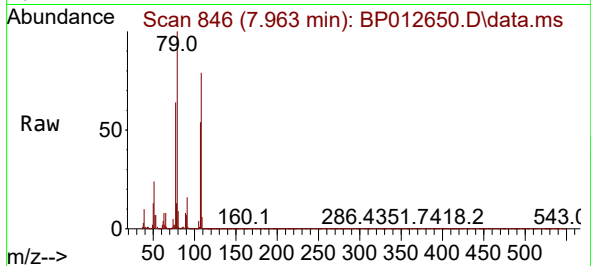




#15
Benzyl Alcohol
Concen: 43.274 ng
RT: 7.963 min Scan# 84
Delta R.T. -0.006 min
Lab File: BP012650.D
Acq: 14 Nov 2022 13:20

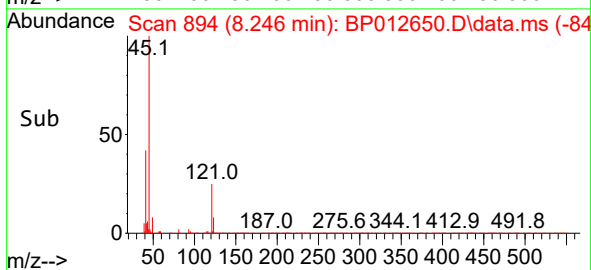
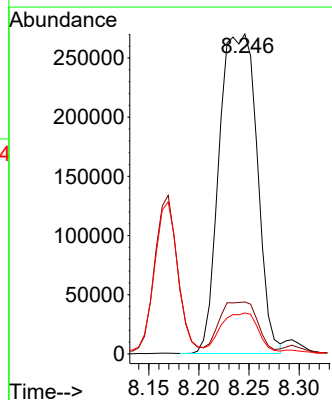
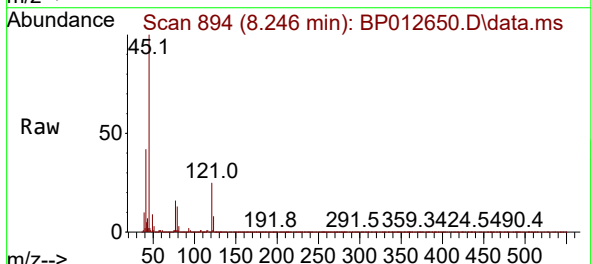
Instrument :
BNA_P
ClientSampleId :
NMS-SOIL-1108MSD

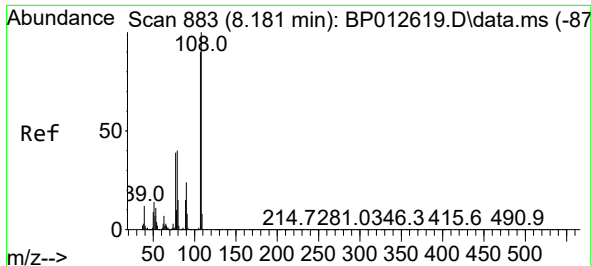
Tgt Ion: 79 Resp: 486492
Ion Ratio Lower Upper
79 100
108 78.8 63.7 95.5
77 63.6 50.2 75.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.721 ng
RT: 8.246 min Scan# 894
Delta R.T. -0.006 min
Lab File: BP012650.D
Acq: 14 Nov 2022 13:20

Tgt Ion: 45 Resp: 705682
Ion Ratio Lower Upper
45 100
77 16.2 0.0 36.1
79 12.8 0.0 32.6

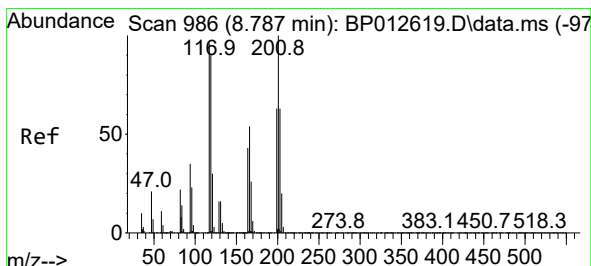
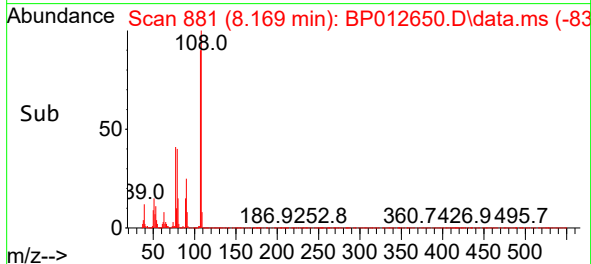
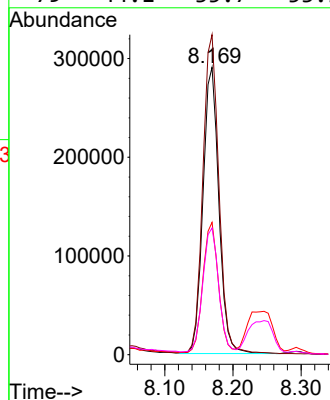
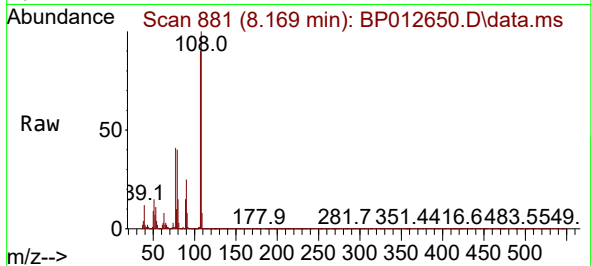




#17
2-Methylphenol
Concen: 40.063 ng
RT: 8.169 min Scan# 81
Delta R.T. 0.000 min
Lab File: BP012650.D
Acq: 14 Nov 2022 13:20

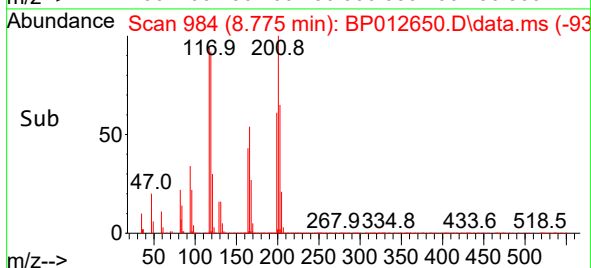
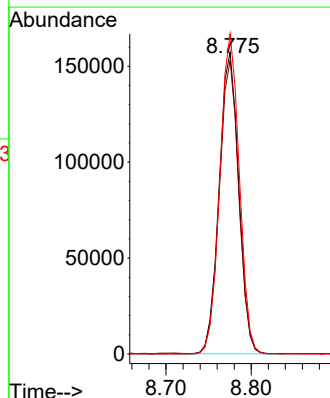
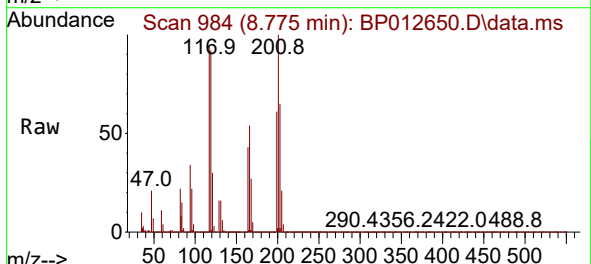
Instrument :
BNA_P
ClientSampleId :
NMS-SOIL-1108MSD

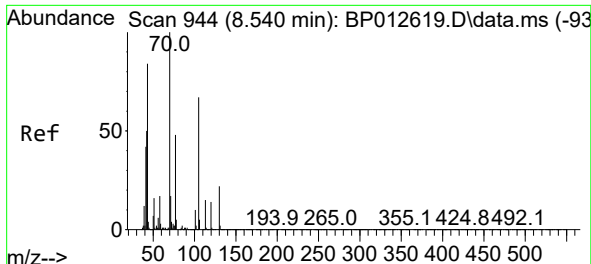
Tgt Ion:	107	Resp:	468452
Ion	Ratio	Lower	Upper
107	100		
108	111.4	89.0	133.4
77	46.0	35.3	52.9
79	44.1	35.7	53.5



#18
Hexachloroethane
Concen: 45.332 ng
RT: 8.775 min Scan# 984
Delta R.T. -0.006 min
Lab File: BP012650.D
Acq: 14 Nov 2022 13:20

Tgt Ion:	117	Resp:	250563
Ion	Ratio	Lower	Upper
117	100		
119	97.2	75.6	113.4
201	106.1	83.5	125.3

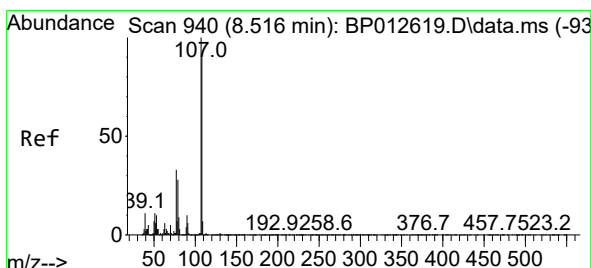
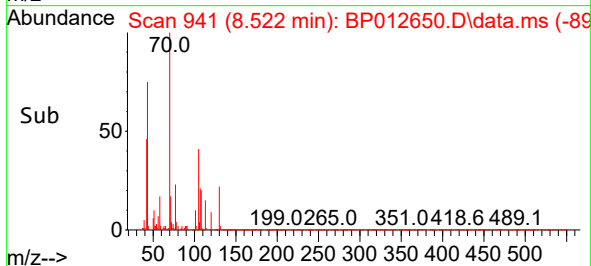
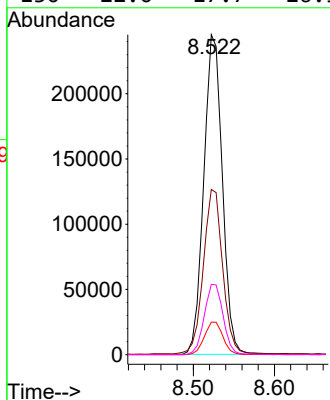
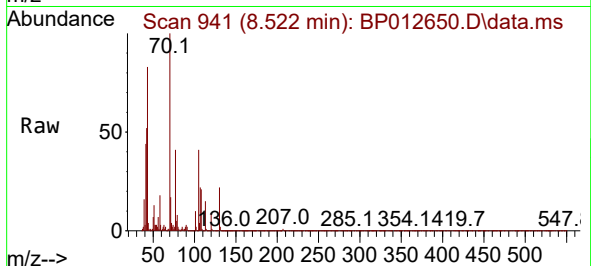




#19
n-Nitroso-di-n-propylamine
Concen: 35.752 ng
RT: 8.522 min Scan# 941
Delta R.T. -0.012 min
Lab File: BP012650.D
Acq: 14 Nov 2022 13:20

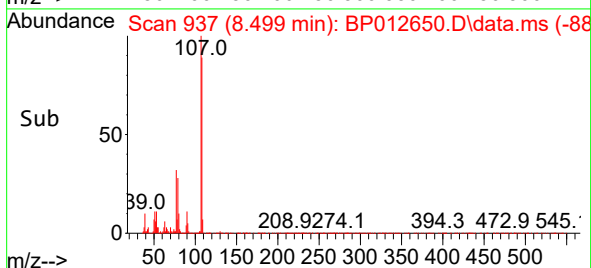
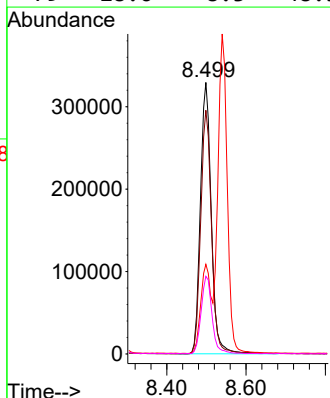
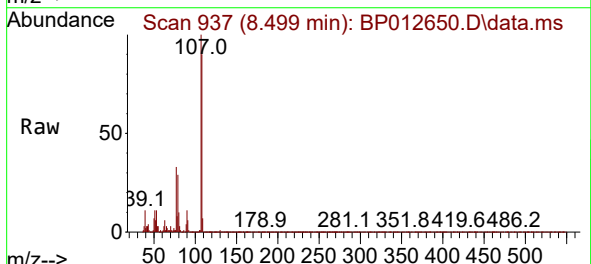
Instrument :
BNA_P
ClientSampleId :
NMS-SOIL-1108MSD

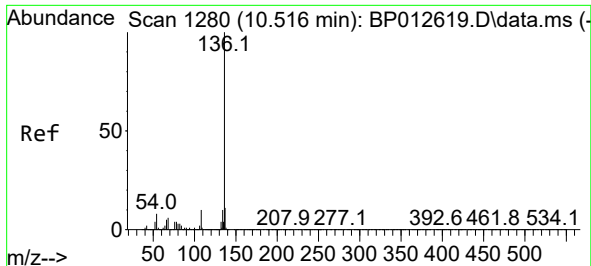
Tgt Ion:	70	Resp:	389840
Ion	Ratio	Lower	Upper
70	100		
42	51.7	40.4	60.6
101	10.1	8.2	12.2
130	22.0	17.7	26.5



#20
3+4-Methylphenols
Concen: 38.127 ng
RT: 8.499 min Scan# 937
Delta R.T. -0.006 min
Lab File: BP012650.D
Acq: 14 Nov 2022 13:20

Tgt Ion:	107	Resp:	626594
Ion	Ratio	Lower	Upper
107	100		
108	89.8	69.5	109.5
77	33.0	12.9	52.9
79	28.6	8.3	48.3

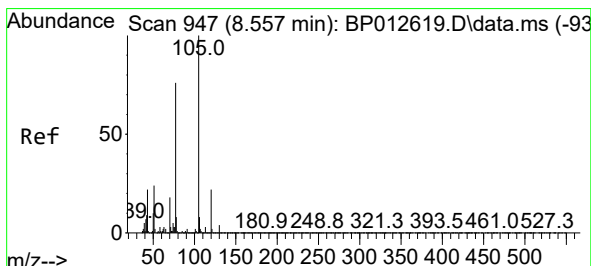
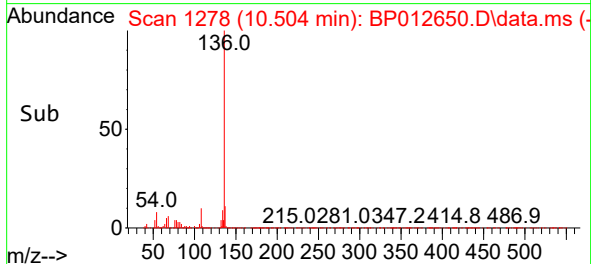
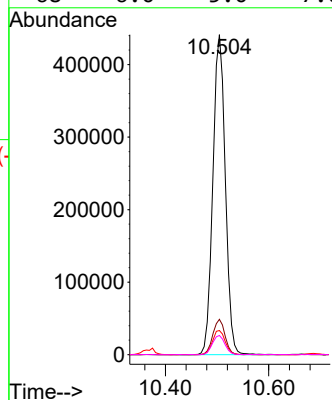
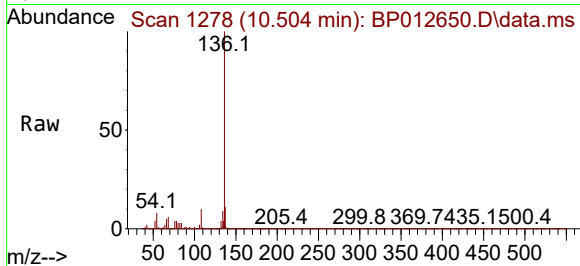




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.504 min Scan# 1278
Delta R.T. -0.006 min
Lab File: BP012650.D
Acq: 14 Nov 2022 13:20

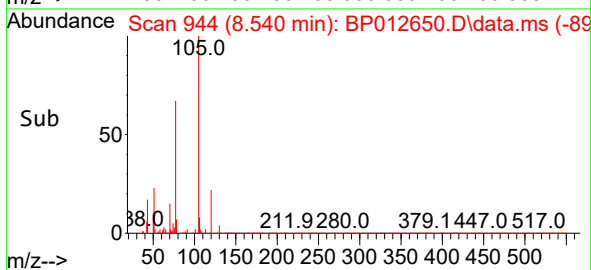
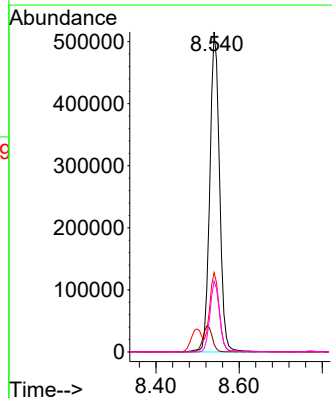
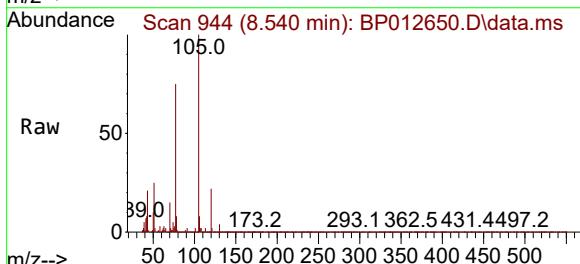
Instrument :
BNA_P
ClientSampleId :
NMS-SOIL-1108MSD

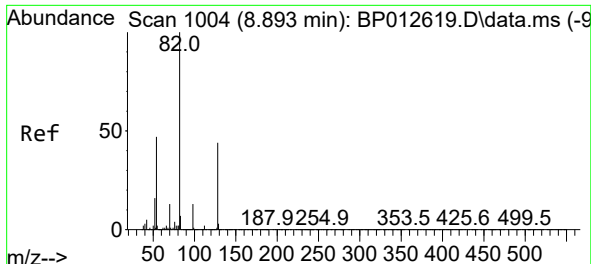
Tgt Ion:136 Resp: 737075
Ion Ratio Lower Upper
136 100
137 11.1 9.0 13.6
54 7.5 6.4 9.6
68 6.0 5.0 7.6



#22
Acetophenone
Concen: 45.807 ng
RT: 8.540 min Scan# 944
Delta R.T. -0.012 min
Lab File: BP012650.D
Acq: 14 Nov 2022 13:20

Tgt Ion:105 Resp: 840855
Ion Ratio Lower Upper
105 100
71 2.4 2.4 3.6#
51 24.8 19.4 29.2
120 22.1 17.8 26.6

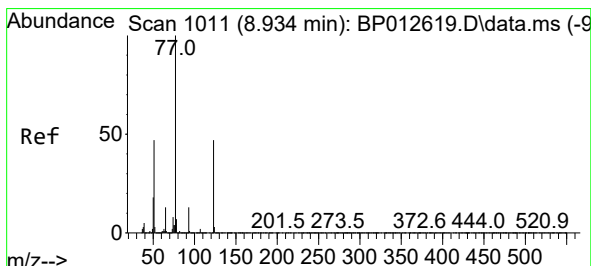
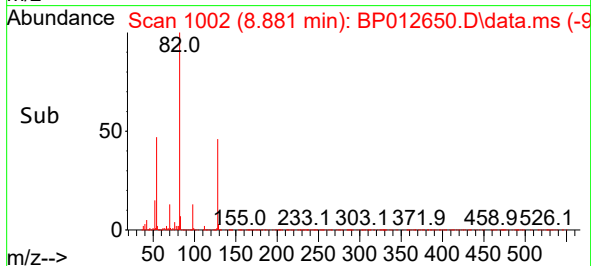
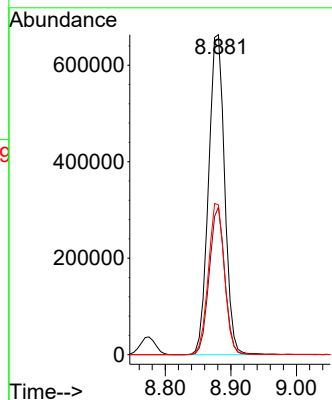
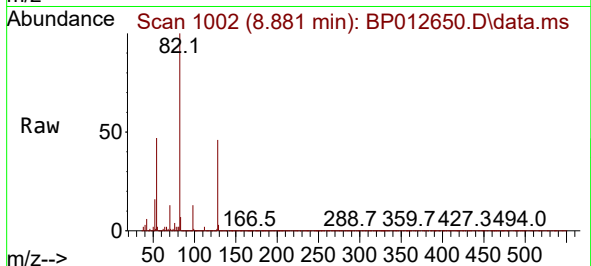




#23
Nitrobenzene-d5
Concen: 85.082 ng
RT: 8.881 min Scan# 1002
Delta R.T. -0.006 min
Lab File: BP012650.D
Acq: 14 Nov 2022 13:20

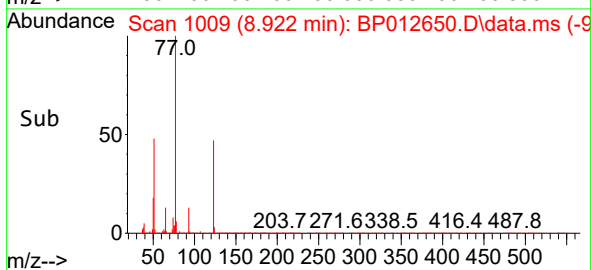
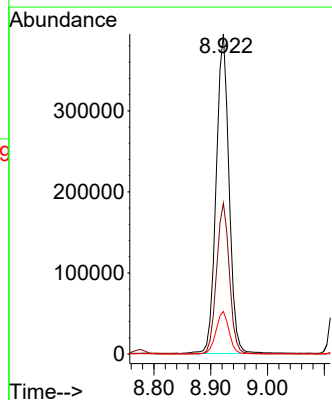
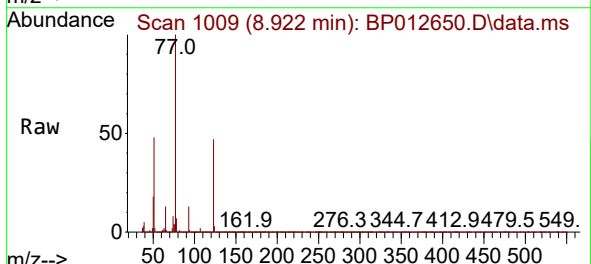
Instrument :
BNA_P
ClientSampleId :
NMS-SOIL-1108MSD

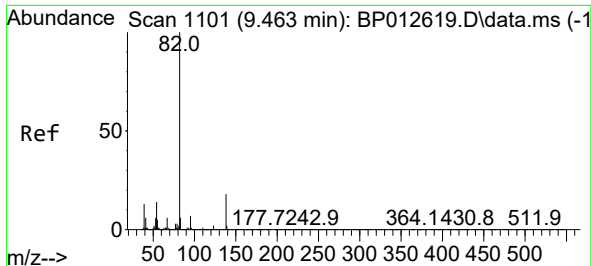
Tgt Ion: 82 Resp: 1130386
Ion Ratio Lower Upper
82 100
128 46.1 35.4 53.2
54 46.8 37.8 56.6



#24
Nitrobenzene
Concen: 44.759 ng
RT: 8.922 min Scan# 1009
Delta R.T. -0.006 min
Lab File: BP012650.D
Acq: 14 Nov 2022 13:20

Tgt Ion: 77 Resp: 619079
Ion Ratio Lower Upper
77 100
123 47.1 37.4 56.0
65 13.3 10.7 16.1

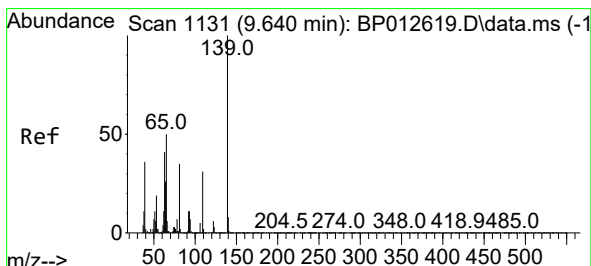
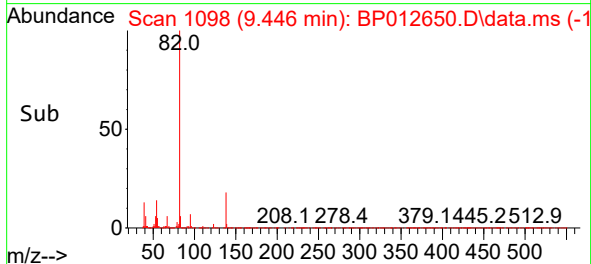
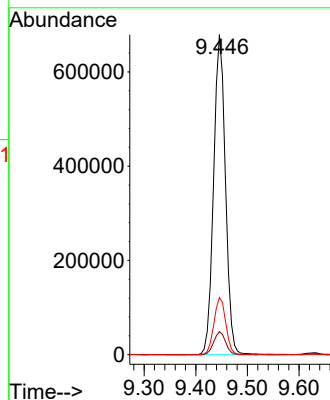
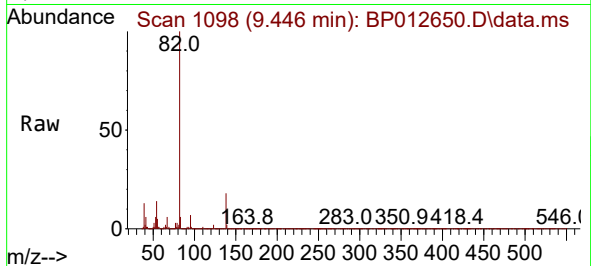




#25
Isophorone
Concen: 43.206 ng
RT: 9.446 min Scan# 1101
Delta R.T. -0.012 min
Lab File: BP012650.D
Acq: 14 Nov 2022 13:20

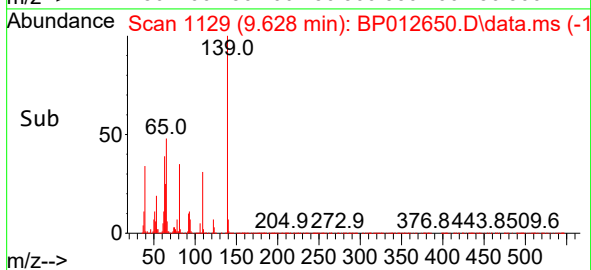
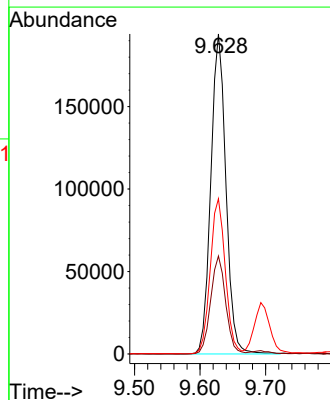
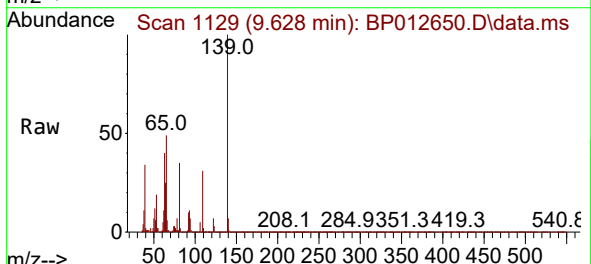
Instrument :
BNA_P
ClientSampleId :
NMS-SOIL-1108MSD

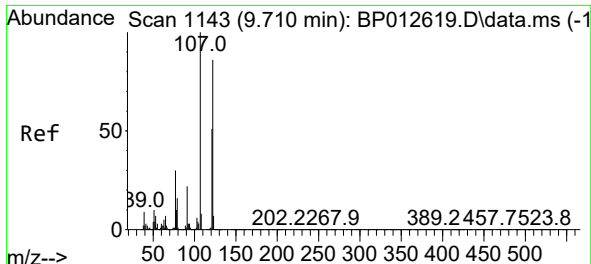
Tgt Ion: 82 Resp: 1078385
Ion Ratio Lower Upper
82 100
95 7.2 5.6 8.4
138 17.9 14.6 21.8



#26
2-Nitrophenol
Concen: 46.780 ng
RT: 9.628 min Scan# 1129
Delta R.T. -0.006 min
Lab File: BP012650.D
Acq: 14 Nov 2022 13:20

Tgt Ion: 139 Resp: 310560
Ion Ratio Lower Upper
139 100
109 30.6 24.6 37.0
65 48.5 39.7 59.5





#27

2,4-Dimethylphenol

Concen: 50.667 ng

RT: 9.693 min Scan# 1140

Delta R.T. -0.012 min

Lab File: BP012650.D

Acq: 14 Nov 2022 13:20

Instrument :

BNA_P

ClientSampleId :

NMS-SOIL-1108MSD

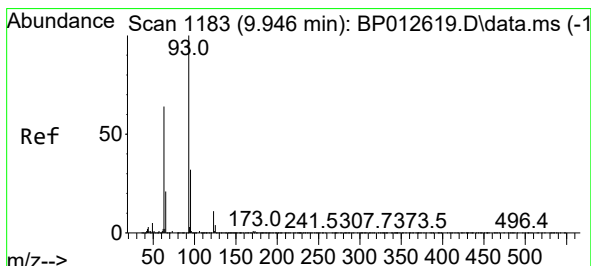
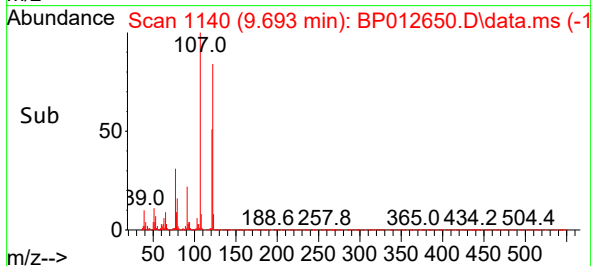
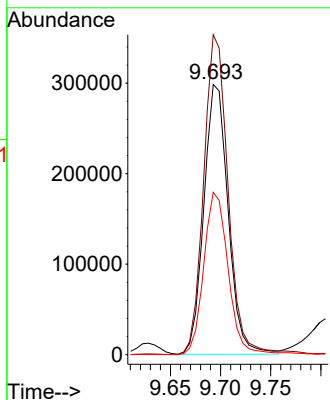
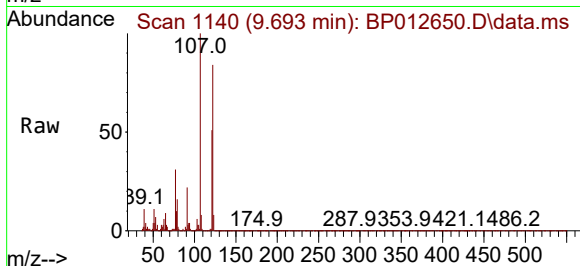
Tgt Ion:122 Resp: 502512

Ion Ratio Lower Upper

122 100

107 118.4 92.7 139.1

121 60.1 47.1 70.7



#28

bis(2-Chloroethoxy)methane

Concen: 45.149 ng

RT: 9.928 min Scan# 1180

Delta R.T. -0.012 min

Lab File: BP012650.D

Acq: 14 Nov 2022 13:20

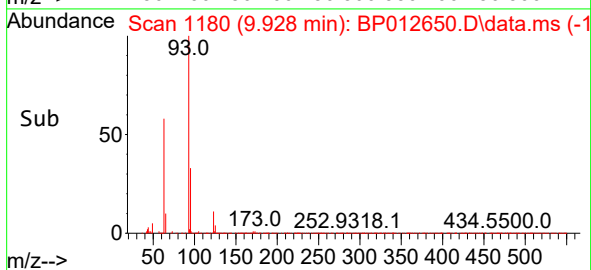
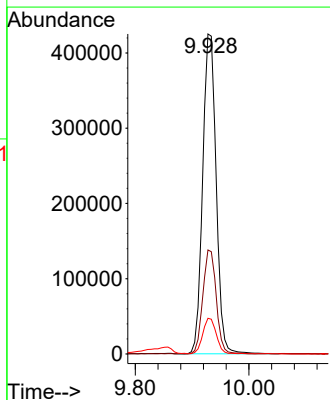
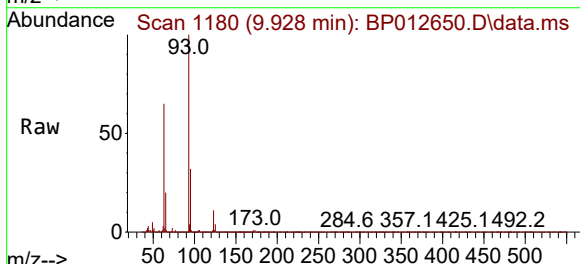
Tgt Ion: 93 Resp: 698226

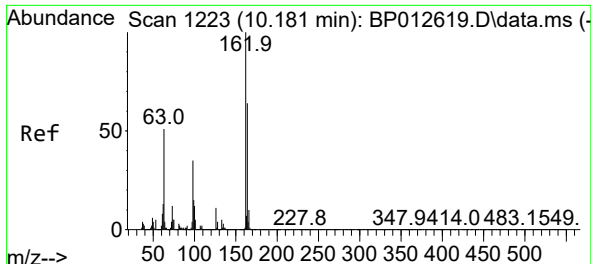
Ion Ratio Lower Upper

93 100

95 32.5 25.9 38.9

123 11.2 9.0 13.6

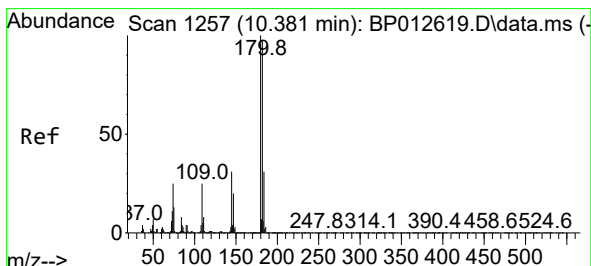
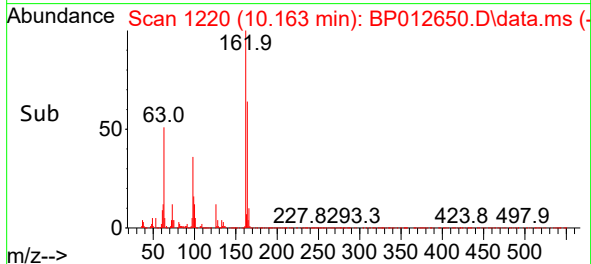
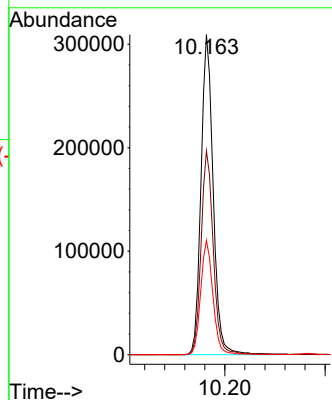
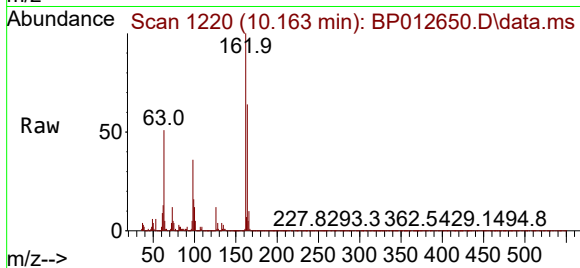




#29
2,4-Dichlorophenol
Concen: 44.321 ng
RT: 10.163 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP012650.D
Acq: 14 Nov 2022 13:20

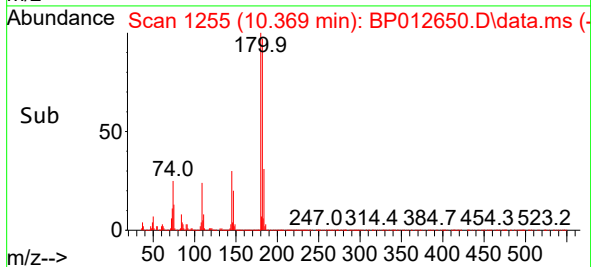
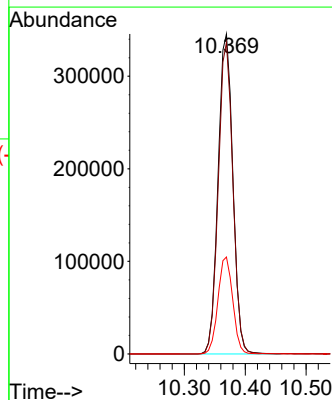
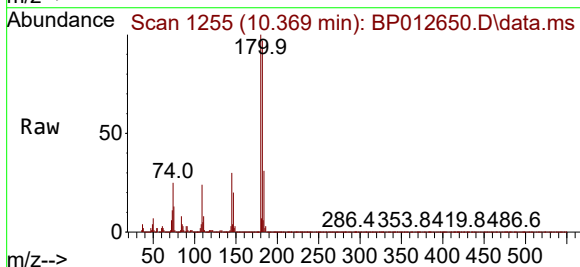
Instrument :
BNA_P
ClientSampleId :
NMS-SOIL-1108MSD

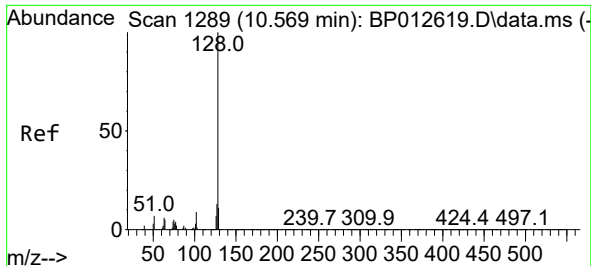
Tgt Ion:162 Resp: 520732
Ion Ratio Lower Upper
162 100
164 63.7 44.1 84.1
98 35.7 15.1 55.1



#30
1,2,4-Trichlorobenzene
Concen: 45.676 ng
RT: 10.369 min Scan# 1255
Delta R.T. -0.006 min
Lab File: BP012650.D
Acq: 14 Nov 2022 13:20

Tgt Ion:180 Resp: 581576
Ion Ratio Lower Upper
180 100
182 97.4 77.4 116.2
145 30.3 24.6 36.8

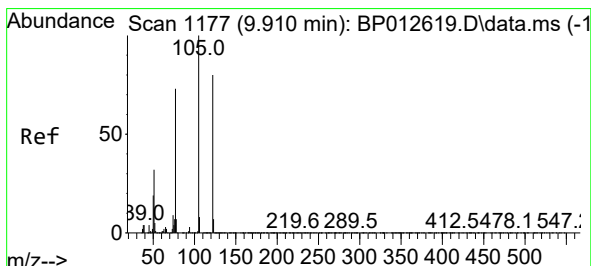
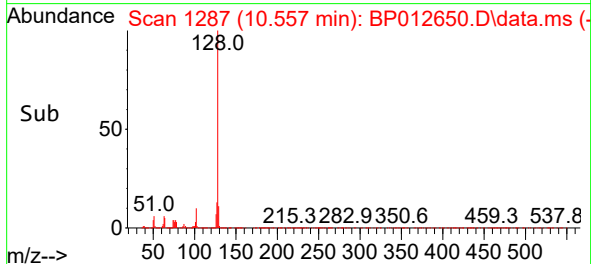
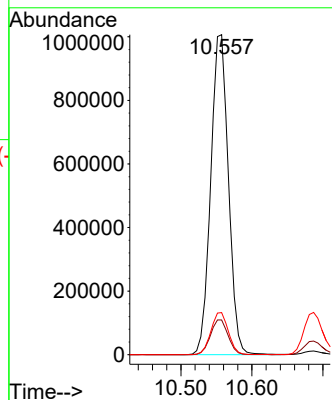
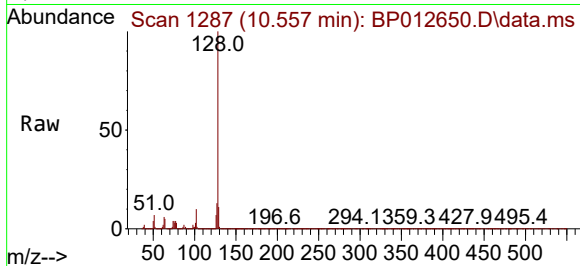




#31
Naphthalene
Concen: 43.424 ng
RT: 10.557 min Scan# 1168
Delta R.T. -0.006 min
Lab File: BP012650.D
Acq: 14 Nov 2022 13:20

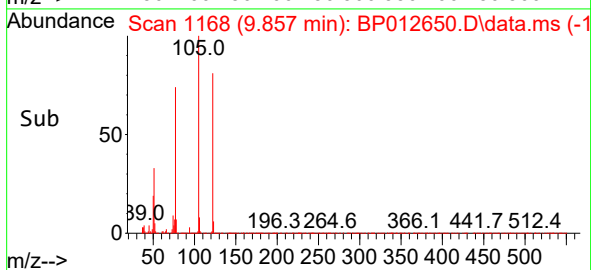
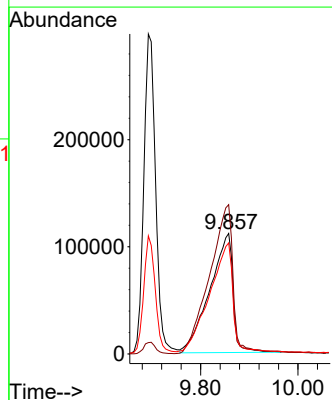
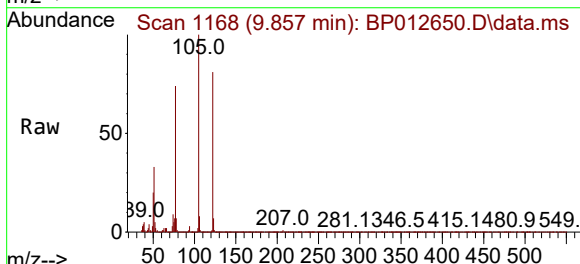
Instrument :
BNA_P
ClientSampleId :
NMS-SOIL-1108MSD

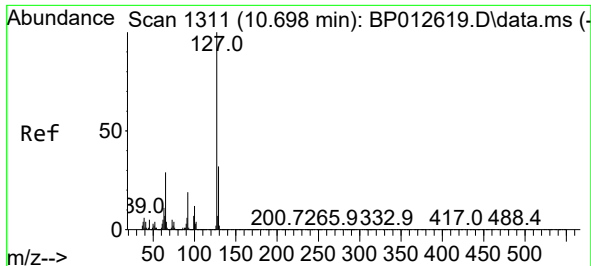
Tgt Ion:128 Resp: 1738831
Ion Ratio Lower Upper
128 100
129 10.8 8.8 13.2
127 13.2 10.5 15.7



#32
Benzoic acid
Concen: 37.382 ng
RT: 9.857 min Scan# 1168
Delta R.T. -0.041 min
Lab File: BP012650.D
Acq: 14 Nov 2022 13:20

Tgt Ion:122 Resp: 368129
Ion Ratio Lower Upper
122 100
105 123.8 102.2 142.2
77 92.2 70.7 110.7

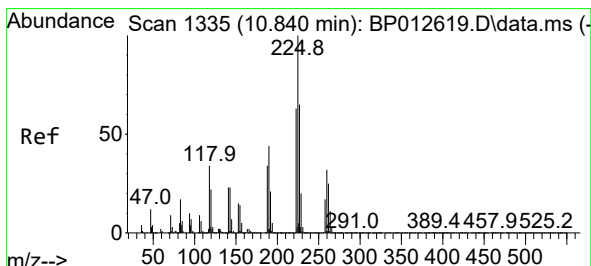
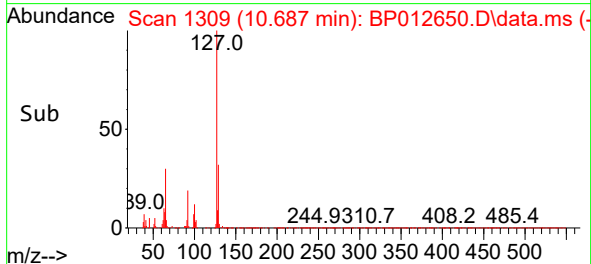
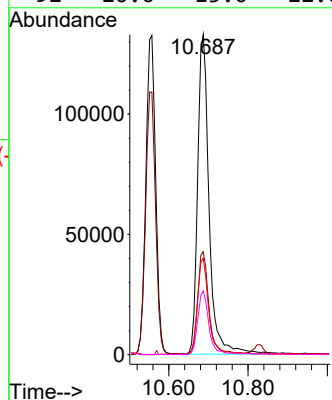
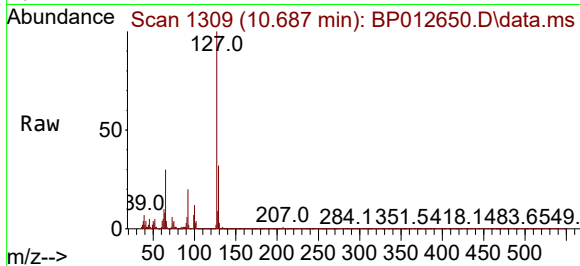




#33
4-Chloroaniline
Concen: 15.978 ng
RT: 10.687 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP012650.D
Acq: 14 Nov 2022 13:20

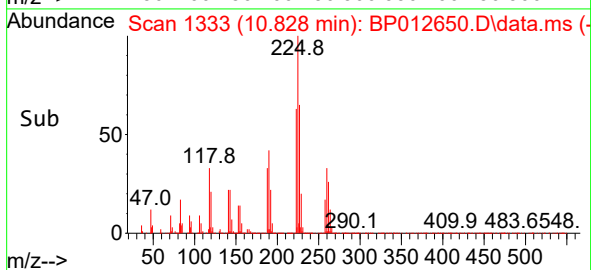
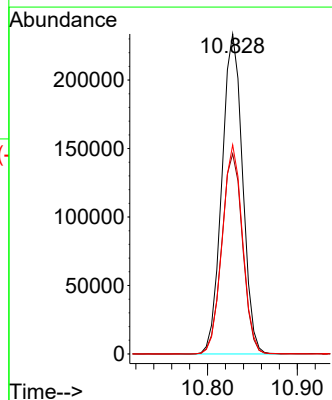
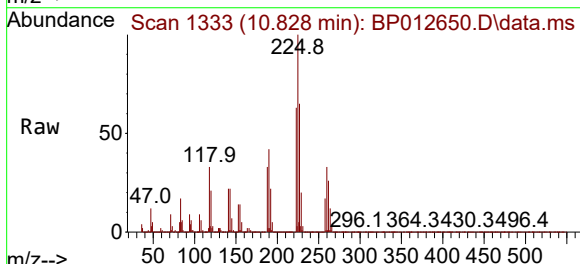
Instrument :
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ClientSampleId :
NMS-SOIL-1108MSD

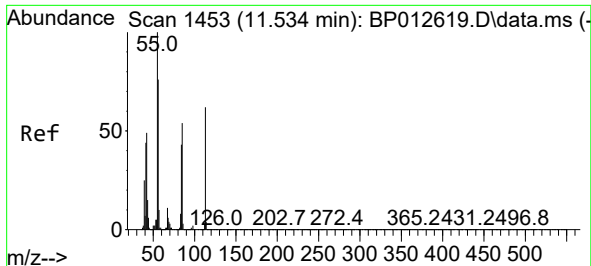
Tgt Ion:	127	Resp:	266854
Ion	Ratio	Lower	Upper
127	100		
129	32.1	25.8	38.6
65	30.1	23.4	35.0
92	20.0	15.0	22.6



#34
Hexachlorobutadiene
Concen: 46.320 ng
RT: 10.828 min Scan# 1333
Delta R.T. -0.006 min
Lab File: BP012650.D
Acq: 14 Nov 2022 13:20

Tgt Ion:	225	Resp:	373138
Ion	Ratio	Lower	Upper
225	100		
223	62.6	50.6	75.8
227	65.4	51.7	77.5

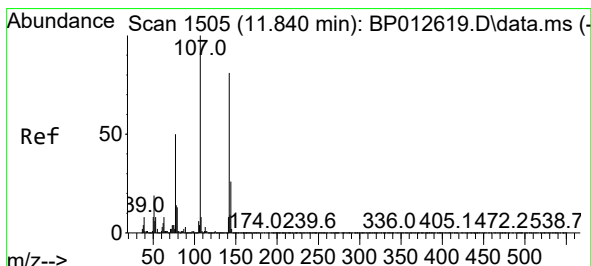
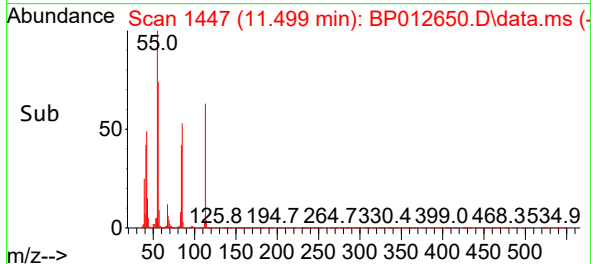
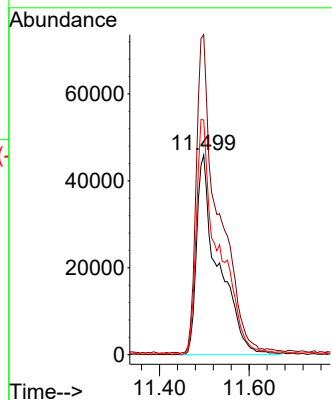
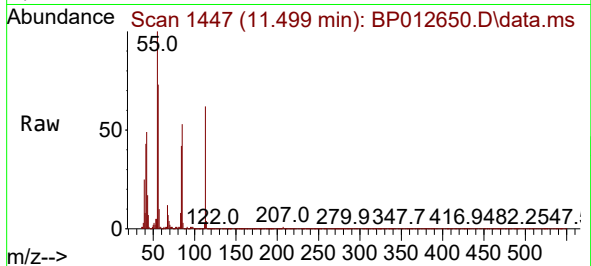




#35
Caprolactam
Concen: 38.851 ng
RT: 11.499 min Scan# 1453
Delta R.T. -0.023 min
Lab File: BP012650.D
Acq: 14 Nov 2022 13:20

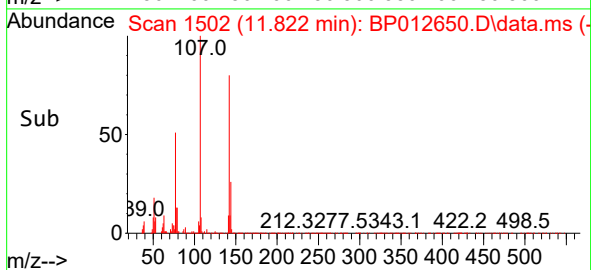
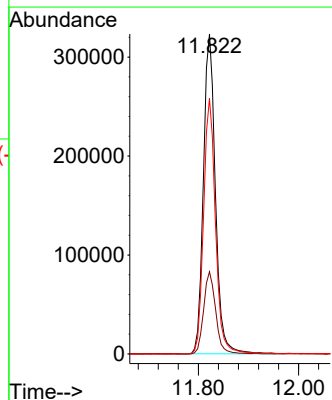
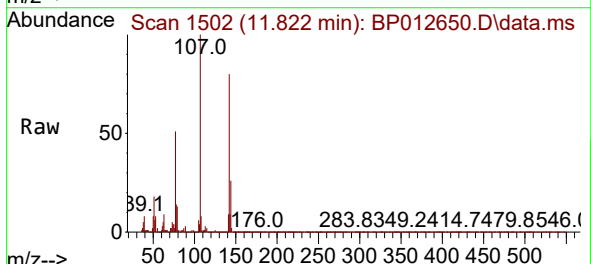
Instrument :
BNA_P
ClientSampleId :
NMS-SOIL-1108MSD

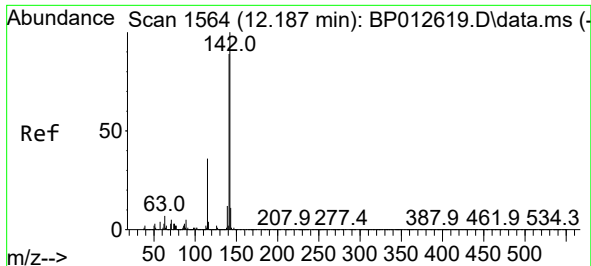
Tgt Ion:113 Resp: 152567
Ion Ratio Lower Upper
113 100
55 160.2 141.9 181.9
56 117.5 102.8 142.8



#36
4-Chloro-3-methylphenol
Concen: 40.643 ng
RT: 11.822 min Scan# 1502
Delta R.T. -0.006 min
Lab File: BP012650.D
Acq: 14 Nov 2022 13:20

Tgt Ion:107 Resp: 538980
Ion Ratio Lower Upper
107 100
144 25.7 20.9 31.3
142 79.9 64.8 97.2

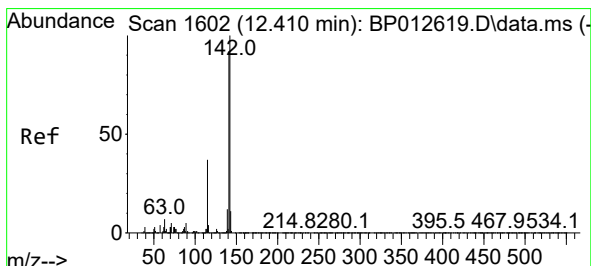
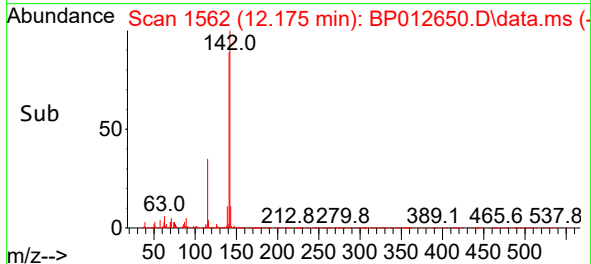
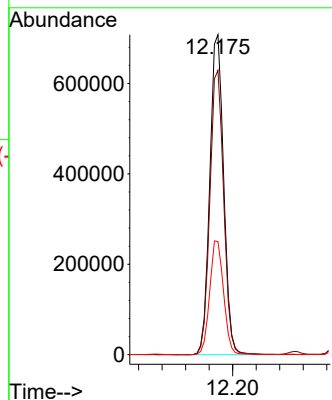
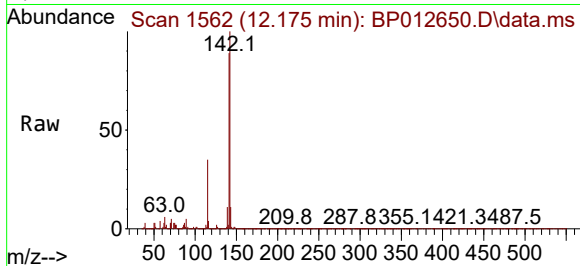




#37
2-Methylnaphthalene
Concen: 40.444 ng
RT: 12.175 min Scan# 1562
Delta R.T. -0.006 min
Lab File: BP012650.D
Acq: 14 Nov 2022 13:20

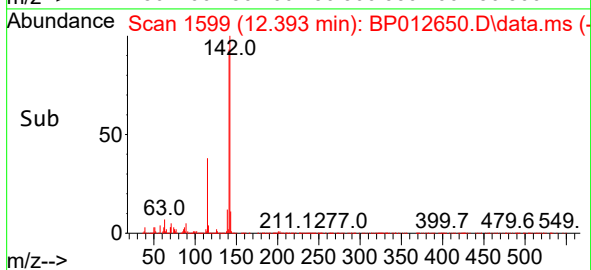
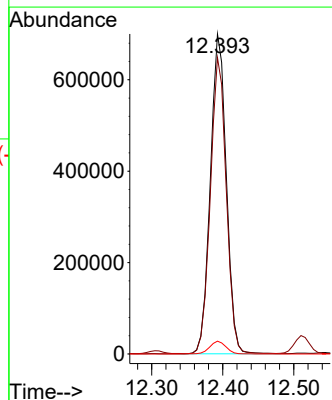
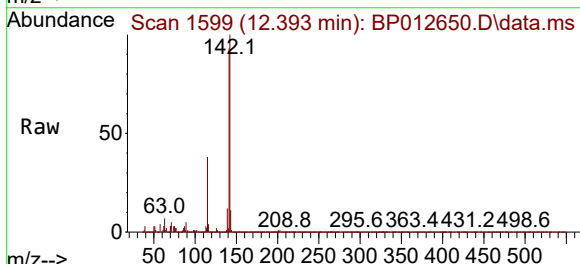
Instrument :
BNA_P
ClientSampleId :
NMS-SOIL-1108MSD

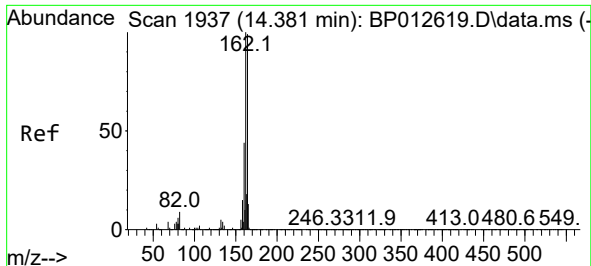
Tgt Ion:142 Resp: 1160819
Ion Ratio Lower Upper
142 100
141 88.8 71.5 107.3
115 35.3 29.0 43.4



#38
1-Methylnaphthalene
Concen: 38.963 ng
RT: 12.393 min Scan# 1599
Delta R.T. -0.006 min
Lab File: BP012650.D
Acq: 14 Nov 2022 13:20

Tgt Ion:142 Resp: 1094190
Ion Ratio Lower Upper
142 100
141 92.6 74.0 111.0
116 4.0 3.1 4.7

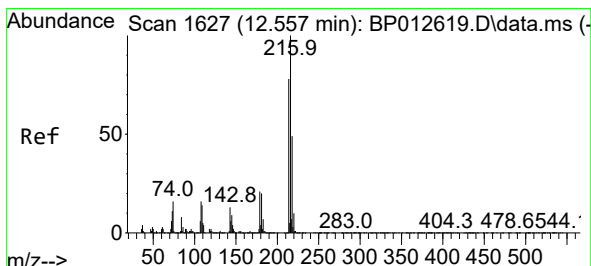
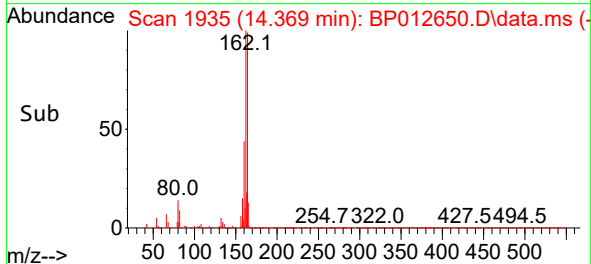
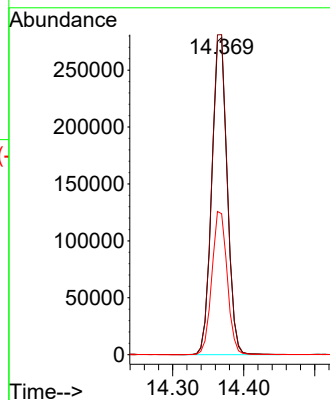
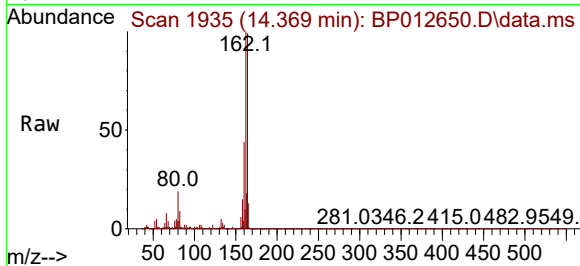




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.369 min Scan# 1937
Delta R.T. 0.000 min
Lab File: BP012650.D
Acq: 14 Nov 2022 13:20

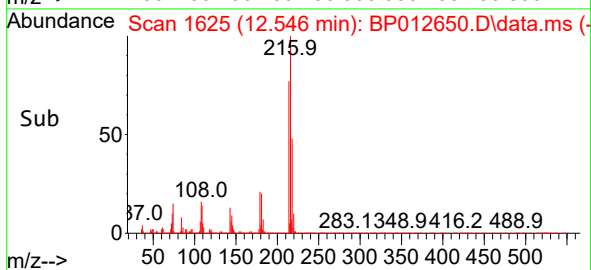
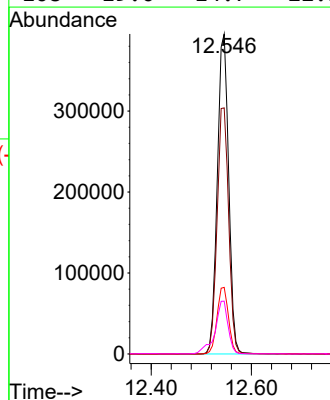
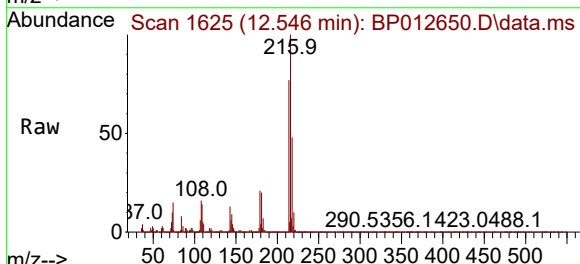
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BNA_P
ClientSampleId :
NMS-SOIL-1108MSD

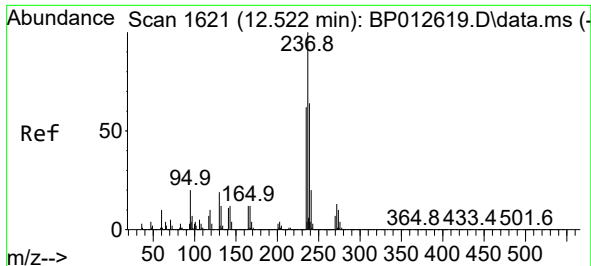
Tgt Ion:164 Resp: 418255
Ion Ratio Lower Upper
164 100
162 100.9 81.0 121.6
160 44.5 36.1 54.1



#40
1,2,4,5-Tetrachlorobenzene
Concen: 49.657 ng
RT: 12.546 min Scan# 1625
Delta R.T. -0.006 min
Lab File: BP012650.D
Acq: 14 Nov 2022 13:20

Tgt Ion:216 Resp: 618852
Ion Ratio Lower Upper
216 100
214 78.5 62.8 94.2
179 21.1 16.8 25.2
108 19.0 14.7 22.1

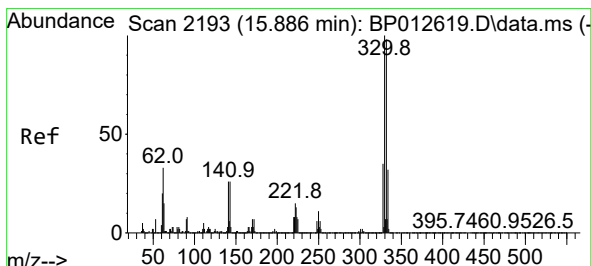
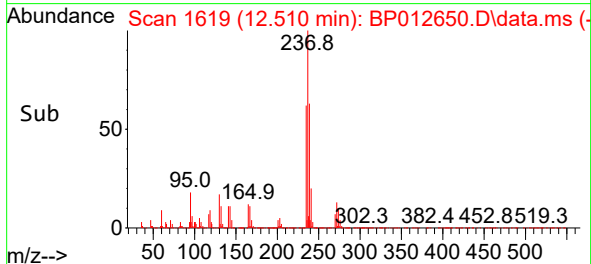
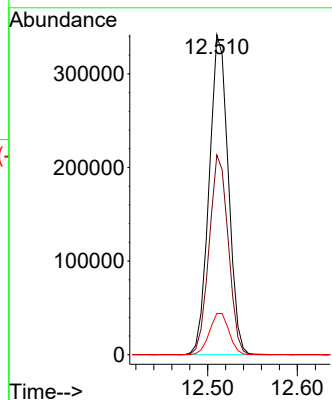
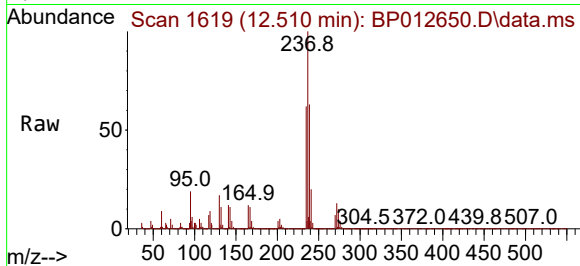




#41
Hexachlorocyclopentadiene
Concen: 79.416 ng
RT: 12.510 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP012650.D
Acq: 14 Nov 2022 13:20

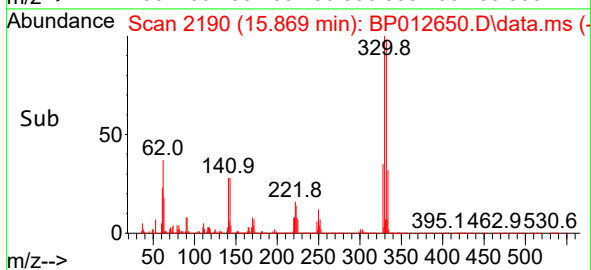
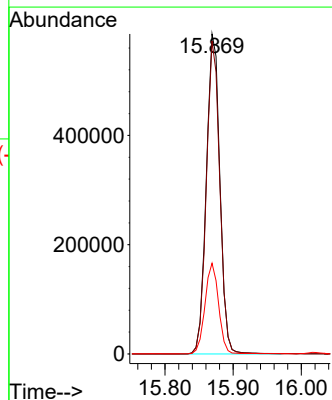
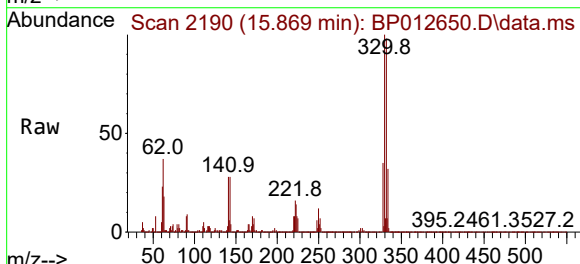
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ClientSampleId :
NMS-SOIL-1108MSD

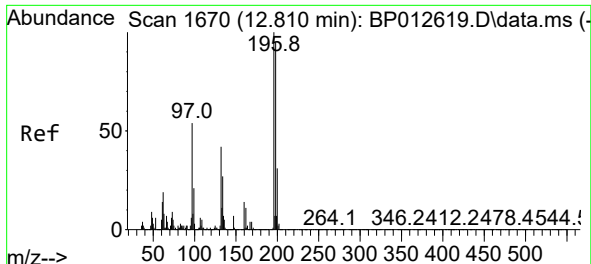
Tgt Ion:237 Resp: 504814
Ion Ratio Lower Upper
237 100
235 62.4 42.1 82.1
272 12.9 0.0 33.2



#42
2,4,6-Tribromophenol
Concen: 142.040 ng
RT: 15.869 min Scan# 2190
Delta R.T. -0.006 min
Lab File: BP012650.D
Acq: 14 Nov 2022 13:20

Tgt Ion:330 Resp: 811015
Ion Ratio Lower Upper
330 100
332 96.7 77.6 116.4
141 28.3 23.7 35.5

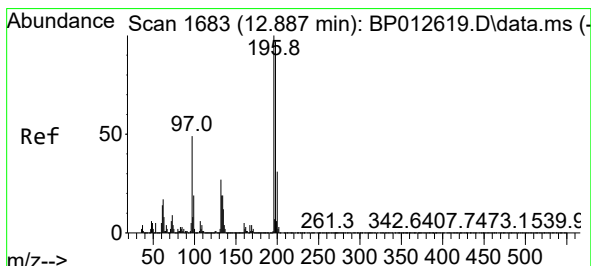
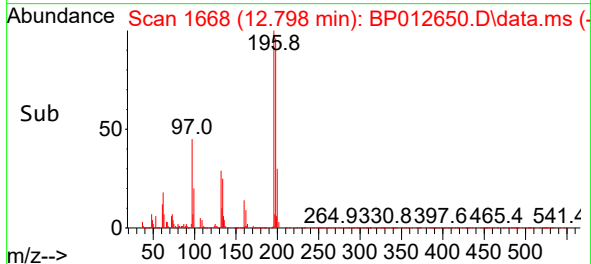
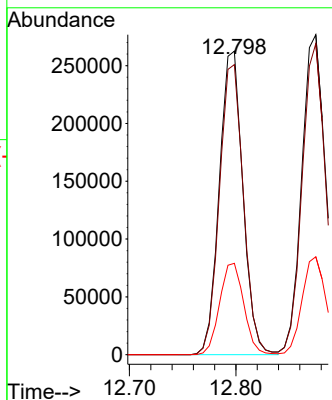
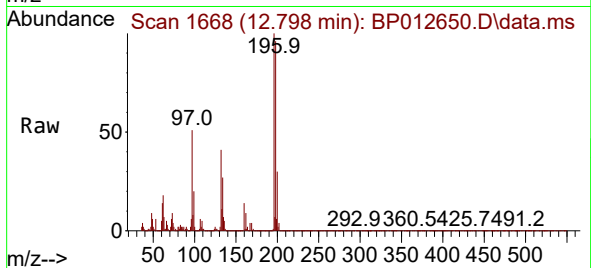




#43
2,4,6-Trichlorophenol
Concen: 46.218 ng
RT: 12.798 min Scan# 1668
Delta R.T. -0.006 min
Lab File: BP012650.D
Acq: 14 Nov 2022 13:20

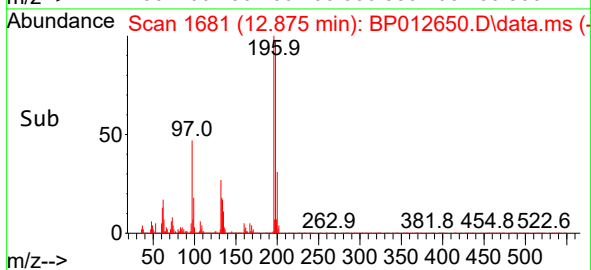
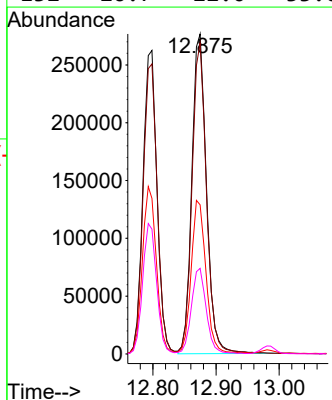
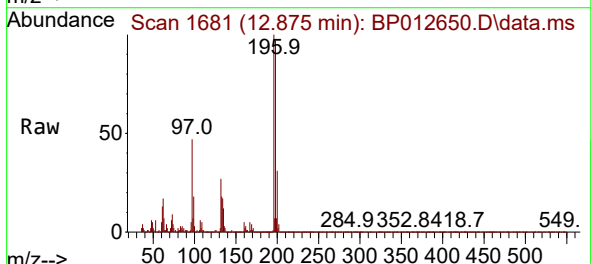
Instrument :
BNA_P
ClientSampleId :
NMS-SOIL-1108MSD

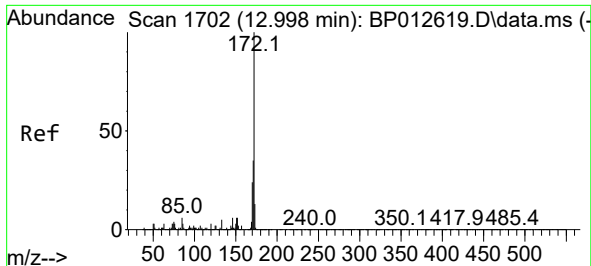
Tgt Ion:196 Resp: 404601
Ion Ratio Lower Upper
196 100
198 95.5 75.9 113.9
200 30.1 24.7 37.1



#44
2,4,5-Trichlorophenol
Concen: 45.589 ng
RT: 12.875 min Scan# 1681
Delta R.T. -0.006 min
Lab File: BP012650.D
Acq: 14 Nov 2022 13:20

Tgt Ion:196 Resp: 445480
Ion Ratio Lower Upper
196 100
198 97.2 77.8 116.8
97 46.6 39.0 58.4
132 26.7 22.0 33.0

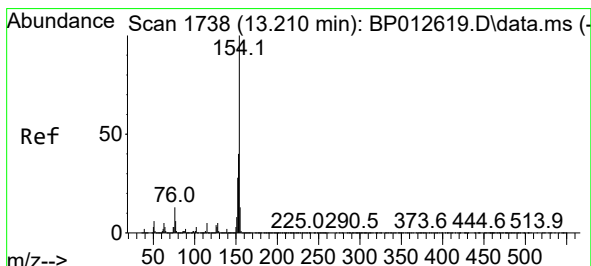
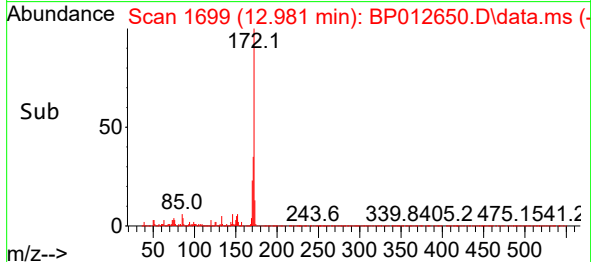
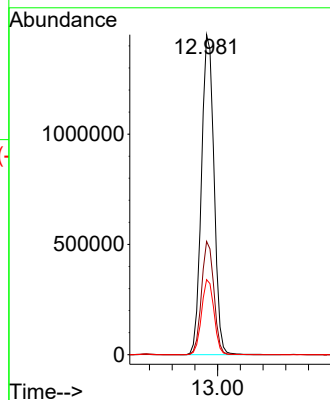
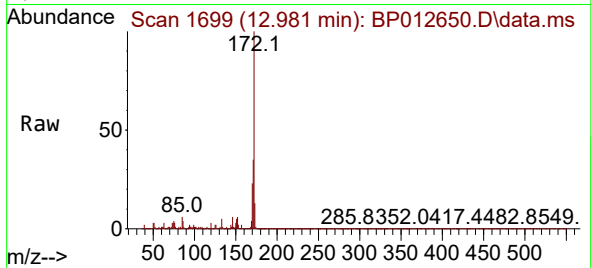




#45
2-Fluorobiphenyl
Concen: 80.900 ng
RT: 12.981 min Scan# 1699
Delta R.T. -0.012 min
Lab File: BP012650.D
Acq: 14 Nov 2022 13:20

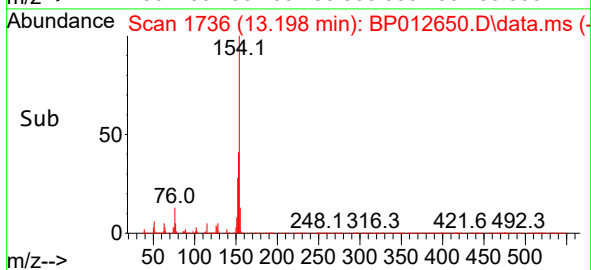
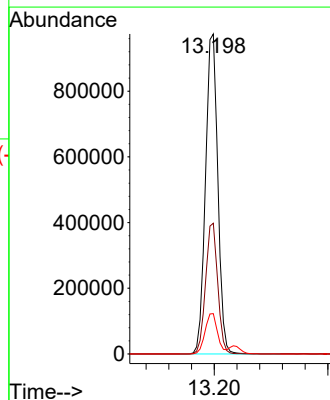
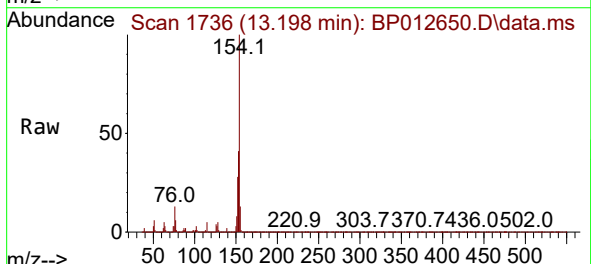
Instrument :
BNA_P
ClientSampleId :
NMS-SOIL-1108MSD

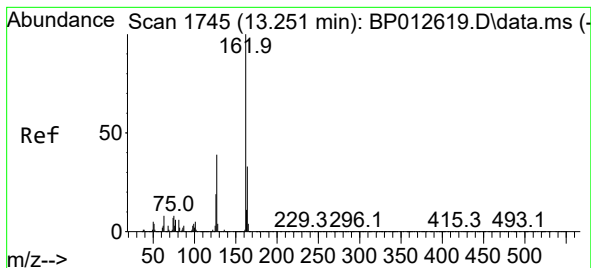
Tgt Ion:172 Resp: 2228923
Ion Ratio Lower Upper
172 100
171 35.4 28.2 42.4
170 23.5 19.0 28.6



#46
1,1'-Biphenyl
Concen: 47.111 ng
RT: 13.198 min Scan# 1736
Delta R.T. 0.000 min
Lab File: BP012650.D
Acq: 14 Nov 2022 13:20

Tgt Ion:154 Resp: 1459225
Ion Ratio Lower Upper
154 100
153 40.8 20.3 60.3
76 12.6 0.0 32.7





#47

2-Chloronaphthalene

Concen: 46.786 ng

RT: 13.234 min Scan# 1

Delta R.T. -0.012 min

Lab File: BP012650.D

Acq: 14 Nov 2022 13:20

Instrument :

BNA_P

ClientSampleId :

NMS-SOIL-1108MSD

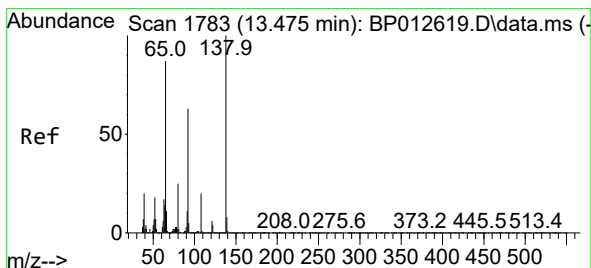
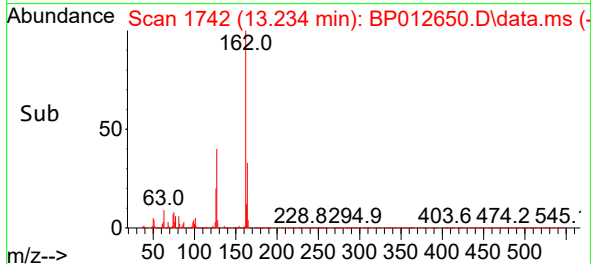
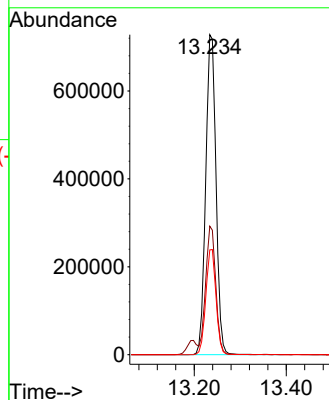
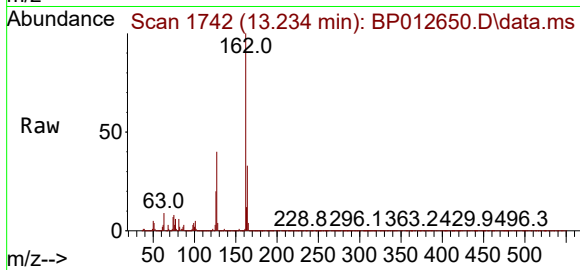
Tgt Ion:162 Resp: 1137398

Ion Ratio Lower Upper

162 100

127 40.2 31.5 47.3

164 32.8 26.5 39.7



#48

2-Nitroaniline

Concen: 44.003 ng

RT: 13.463 min Scan# 1781

Delta R.T. -0.006 min

Lab File: BP012650.D

Acq: 14 Nov 2022 13:20

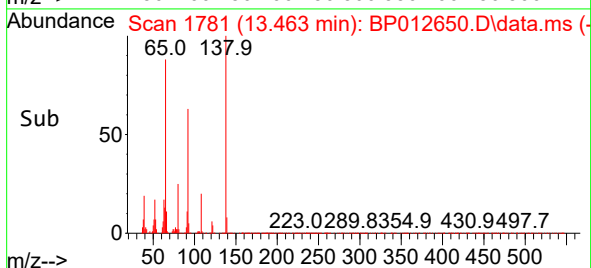
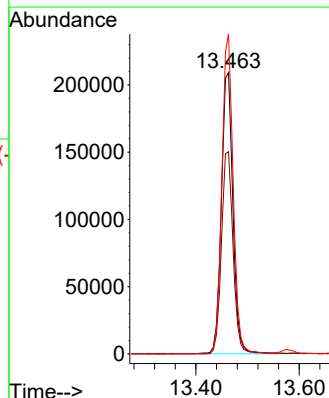
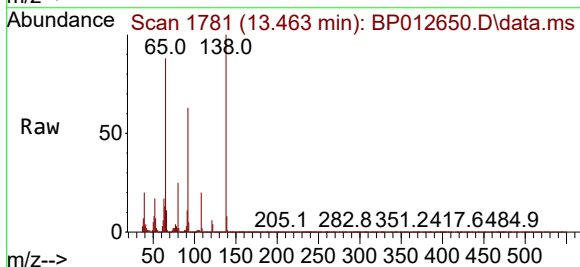
Tgt Ion: 65 Resp: 323533

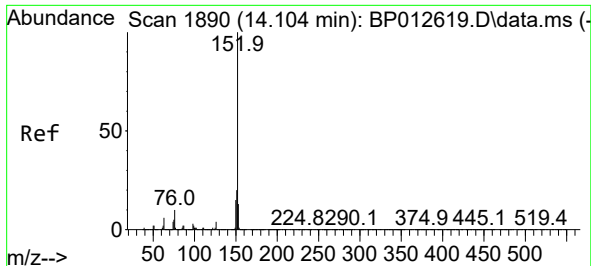
Ion Ratio Lower Upper

65 100

92 71.9 57.3 85.9

138 113.7 91.4 137.2

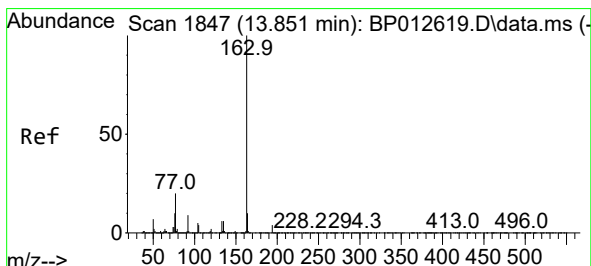
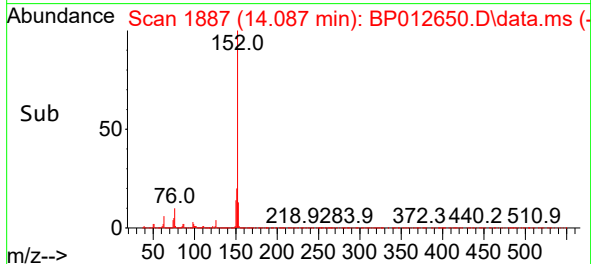
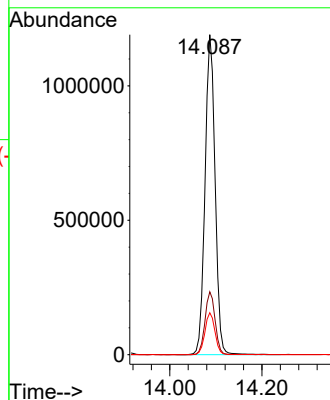
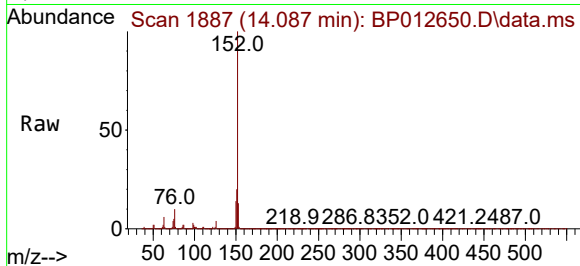




#49
Acenaphthylene
Concen: 47.088 ng
RT: 14.087 min Scan# 1887
Delta R.T. -0.006 min
Lab File: BP012650.D
Acq: 14 Nov 2022 13:20

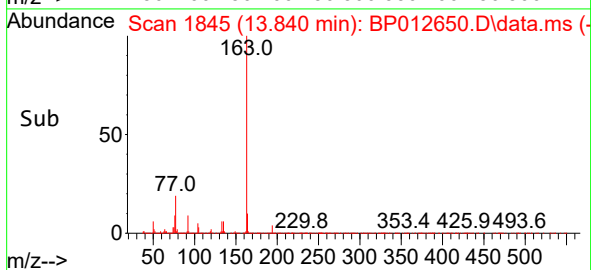
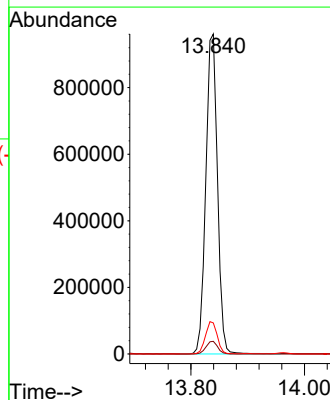
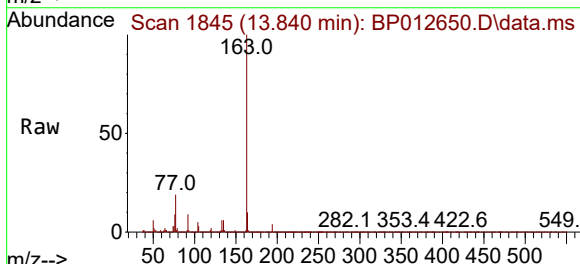
Instrument :
BNA_P
ClientSampleId :
NMS-SOIL-1108MSD

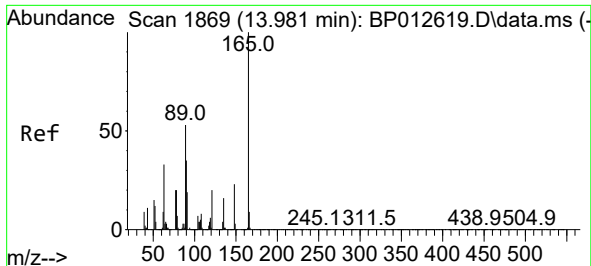
Tgt Ion:152 Resp: 1817832
Ion Ratio Lower Upper
152 100
151 19.6 16.0 24.0
153 13.1 10.4 15.6



#50
Dimethylphthalate
Concen: 41.177 ng
RT: 13.840 min Scan# 1845
Delta R.T. -0.006 min
Lab File: BP012650.D
Acq: 14 Nov 2022 13:20

Tgt Ion:163 Resp: 1361055
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 9.7 8.2 12.4

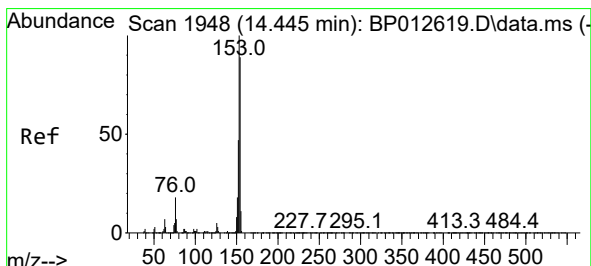
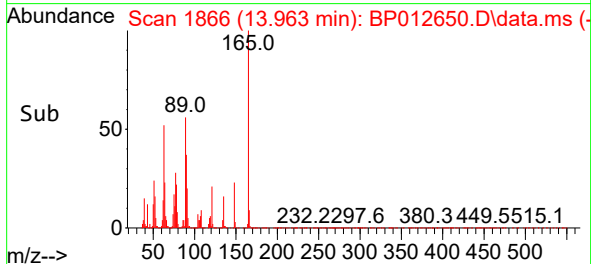
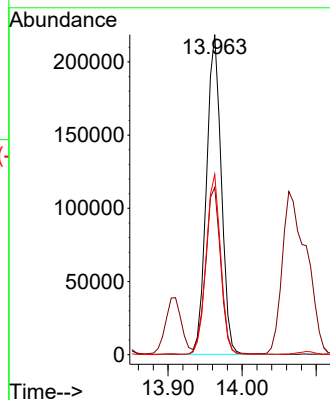
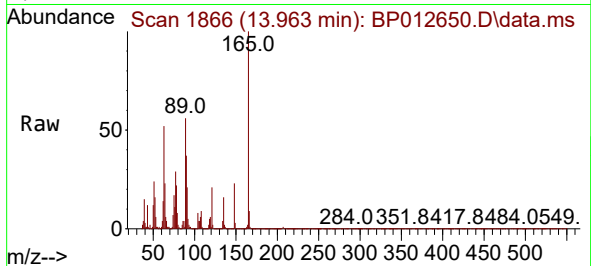




#51
2,6-Dinitrotoluene
Concen: 43.020 ng
RT: 13.963 min Scan# 1866
Delta R.T. -0.006 min
Lab File: BP012650.D
Acq: 14 Nov 2022 13:20

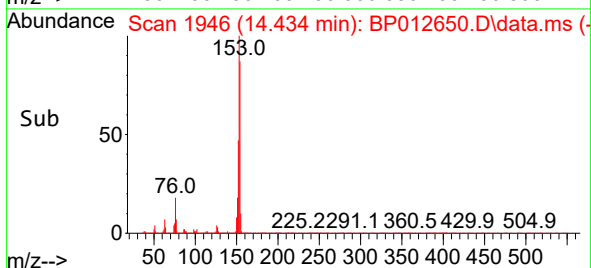
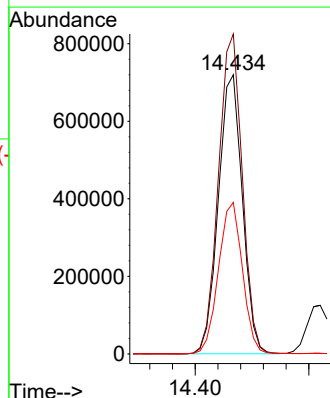
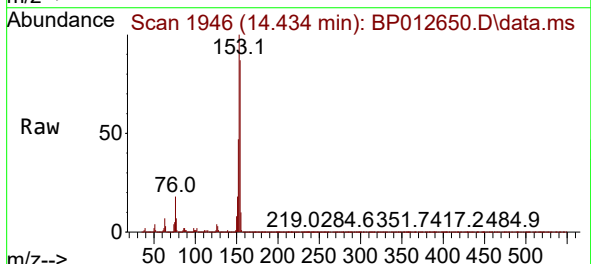
Instrument :
BNA_P
ClientSampleId :
NMS-SOIL-1108MSD

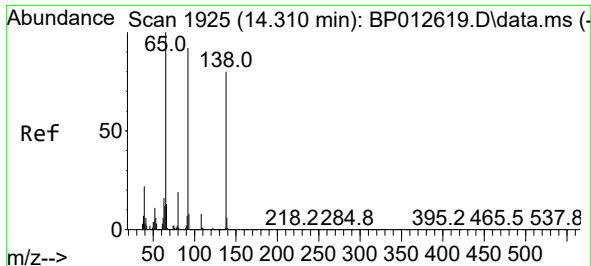
Tgt Ion:165 Resp: 303233
Ion Ratio Lower Upper
165 100
63 52.3 40.7 61.1
89 56.4 42.8 64.2



#52
Acenaphthene
Concen: 45.005 ng
RT: 14.434 min Scan# 1946
Delta R.T. -0.006 min
Lab File: BP012650.D
Acq: 14 Nov 2022 13:20

Tgt Ion:154 Resp: 1057536
Ion Ratio Lower Upper
154 100
153 114.6 90.3 135.5
152 54.3 42.8 64.2

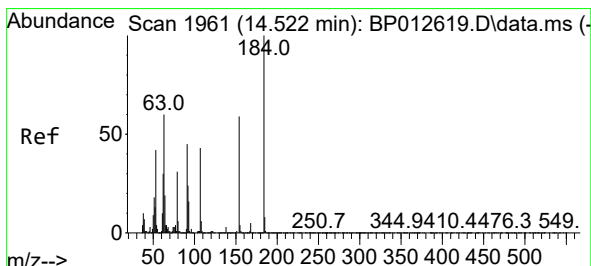
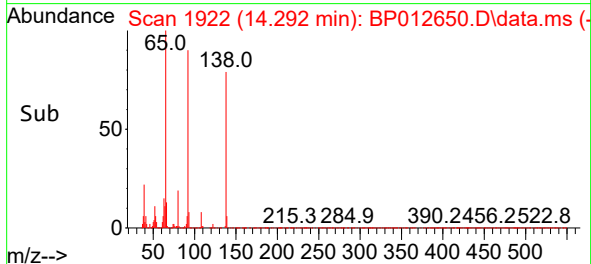
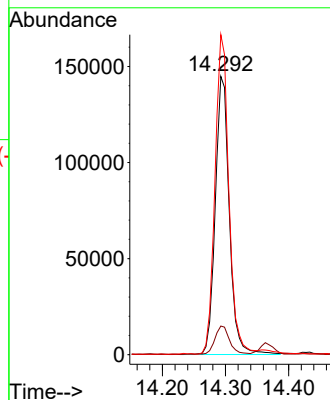
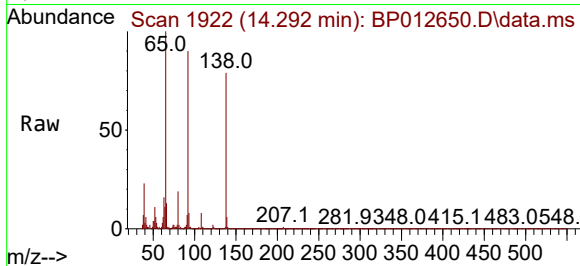




#53
3-Nitroaniline
Concen: 29.529 ng
RT: 14.292 min Scan# 1922
Delta R.T. -0.012 min
Lab File: BP012650.D
Acq: 14 Nov 2022 13:20

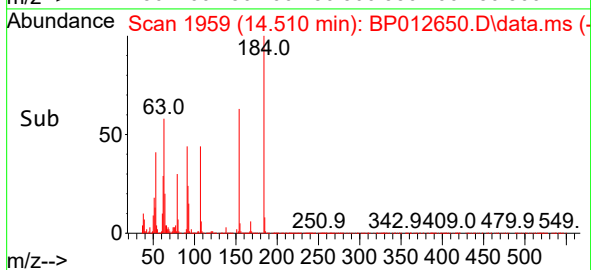
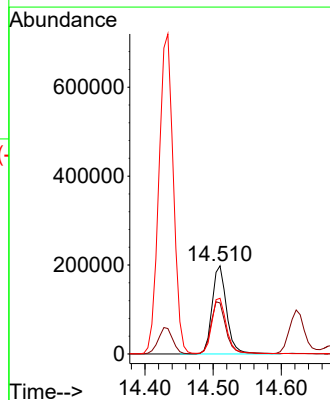
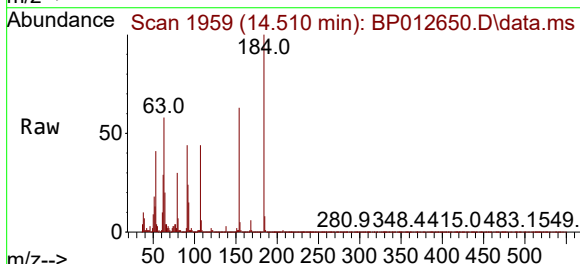
Instrument :
BNA_P
ClientSampleId :
NMS-SOIL-1108MSD

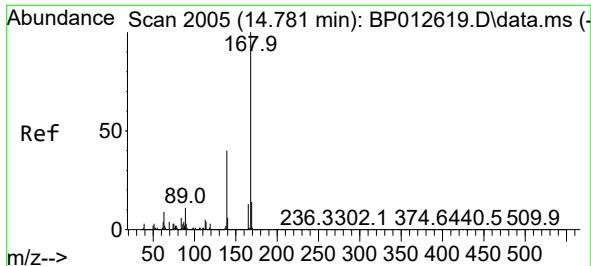
Tgt Ion:138 Resp: 224009
Ion Ratio Lower Upper
138 100
108 10.3 8.2 12.4
92 115.0 91.1 136.7



#54
2,4-Dinitrophenol
Concen: 60.017 ng
RT: 14.510 min Scan# 1959
Delta R.T. -0.006 min
Lab File: BP012650.D
Acq: 14 Nov 2022 13:20

Tgt Ion:184 Resp: 293822
Ion Ratio Lower Upper
184 100
63 58.0 48.5 72.7
154 63.1 49.4 74.2

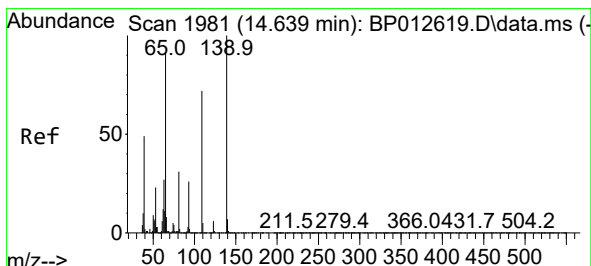
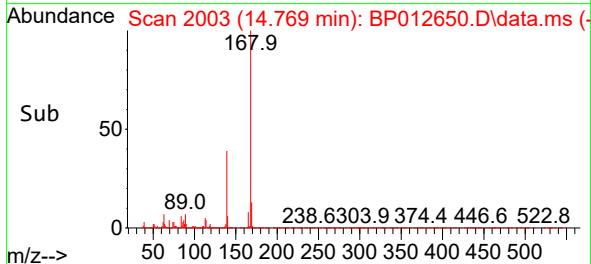
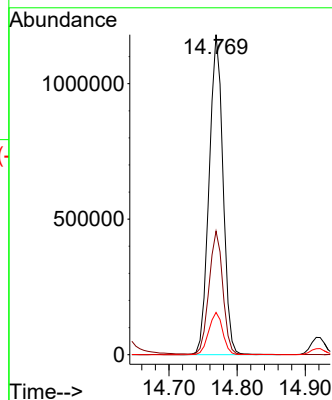
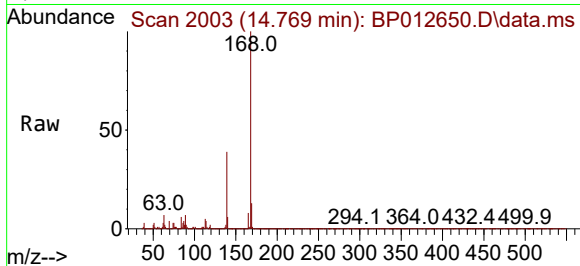




#55
Dibenzenofuran
Concen: 44.986 ng
RT: 14.769 min Scan# 20
Delta R.T. -0.006 min
Lab File: BP012650.D
Acq: 14 Nov 2022 13:20

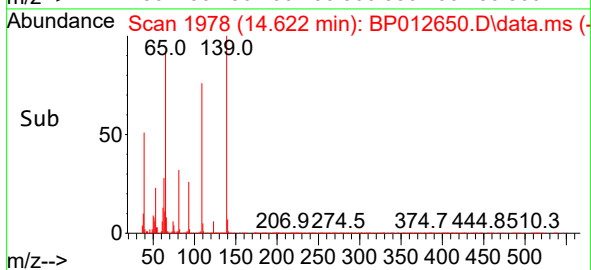
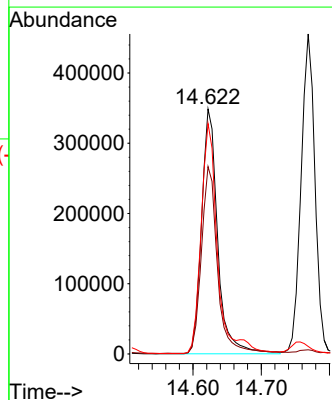
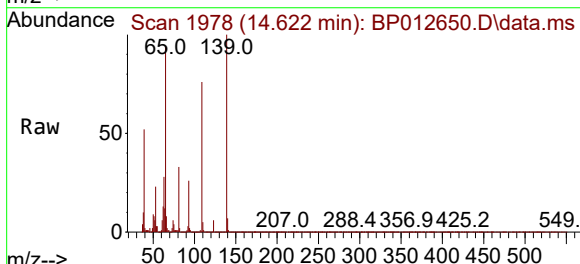
Instrument :
BNA_P
ClientSampleId :
NMS-SOIL-1108MSD

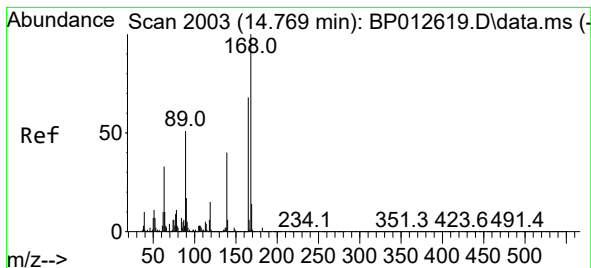
Tgt Ion:168 Resp: 1670767
Ion Ratio Lower Upper
168 100
139 38.6 31.7 47.5
169 13.2 10.9 16.3



#56
4-Nitrophenol
Concen: 90.940 ng
RT: 14.622 min Scan# 1978
Delta R.T. -0.006 min
Lab File: BP012650.D
Acq: 14 Nov 2022 13:20

Tgt Ion:139 Resp: 573359
Ion Ratio Lower Upper
139 100
109 76.5 52.1 92.1
65 94.1 71.4 111.4





#57

2,4-Dinitrotoluene

Concen: 45.268 ng

RT: 14.757 min Scan# 2001

Delta R.T. -0.006 min

Lab File: BP012650.D

Acq: 14 Nov 2022 13:20

Instrument :

BNA_P

ClientSampleId :

NMS-SOIL-1108MSD

Tgt Ion:165 Resp: 411227

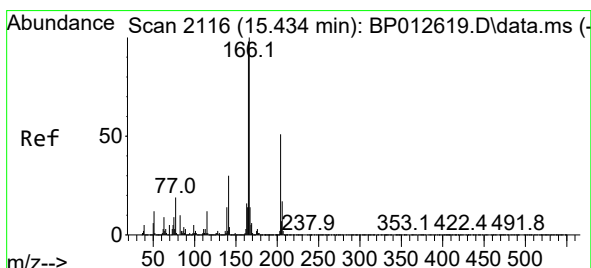
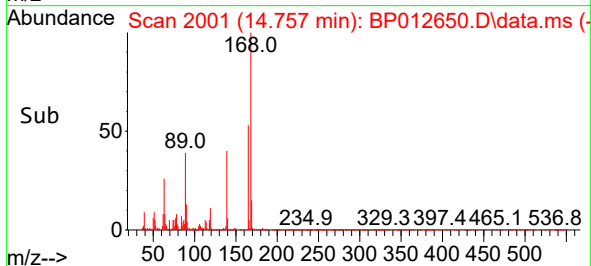
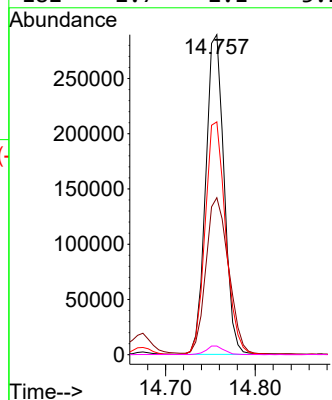
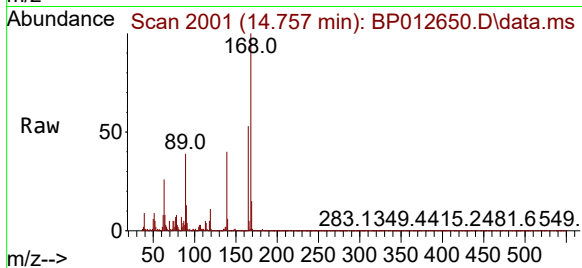
Ion Ratio Lower Upper

165 100

63 49.0 39.1 58.7

89 72.8 60.3 90.5

182 2.7 2.1 3.1



#58

Fluorene

Concen: 45.092 ng

RT: 15.422 min Scan# 2114

Delta R.T. -0.006 min

Lab File: BP012650.D

Acq: 14 Nov 2022 13:20

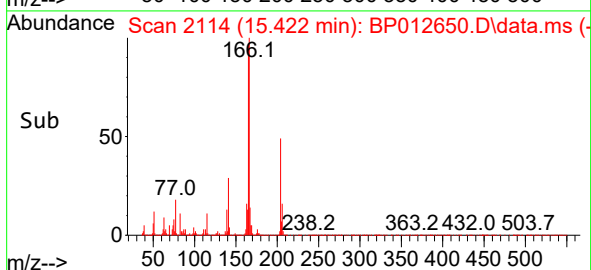
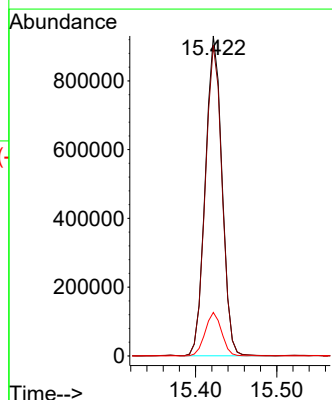
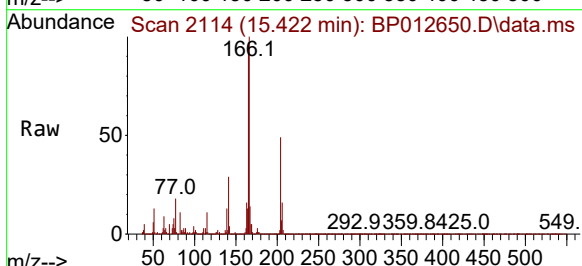
Tgt Ion:166 Resp: 1321985

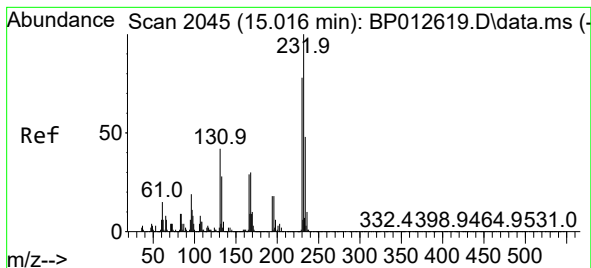
Ion Ratio Lower Upper

166 100

165 97.0 78.6 117.8

167 13.6 11.0 16.4

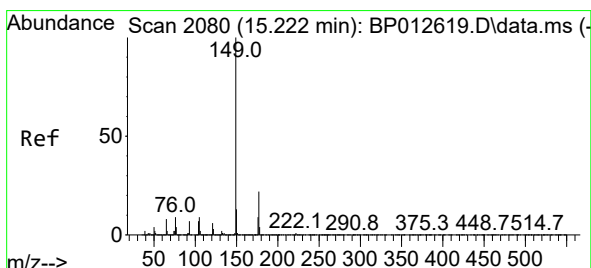
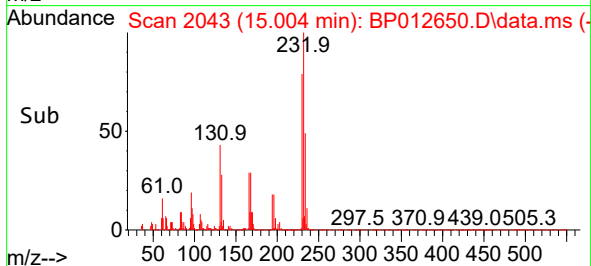
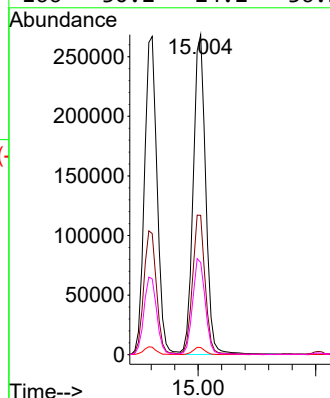
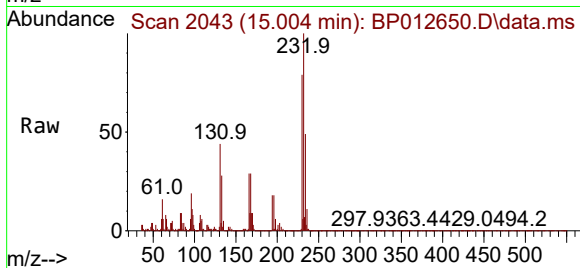




#59
2,3,4,6-Tetrachlorophenol
Concen: 43.805 ng
RT: 15.004 min Scan# 2043
Delta R.T. 0.000 min
Lab File: BP012650.D
Acq: 14 Nov 2022 13:20

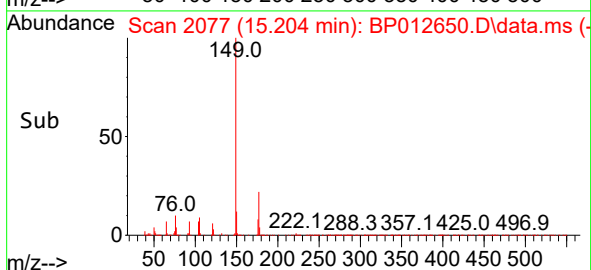
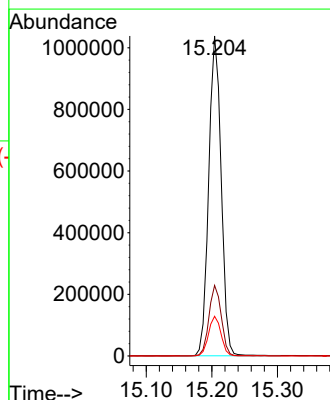
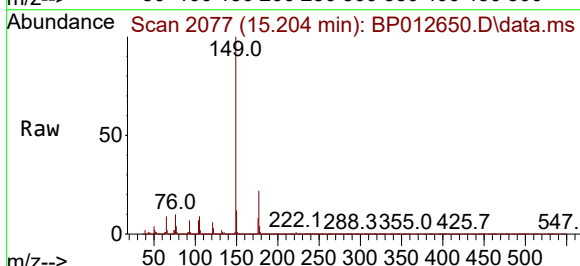
Instrument :
BNA_P
ClientSampleId :
NMS-SOIL-1108MSD

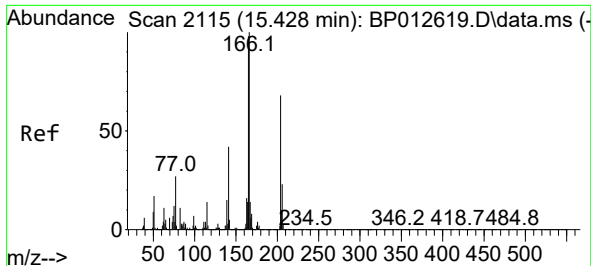
Tgt Ion:232 Resp: 394238
Ion Ratio Lower Upper
232 100
131 43.8 35.5 53.3
130 2.2 1.8 2.8
166 30.2 24.2 36.2



#60
Diethylphthalate
Concen: 41.511 ng
RT: 15.204 min Scan# 2077
Delta R.T. -0.006 min
Lab File: BP012650.D
Acq: 14 Nov 2022 13:20

Tgt Ion:149 Resp: 1373572
Ion Ratio Lower Upper
149 100
177 22.1 17.9 26.9
150 12.4 10.2 15.2

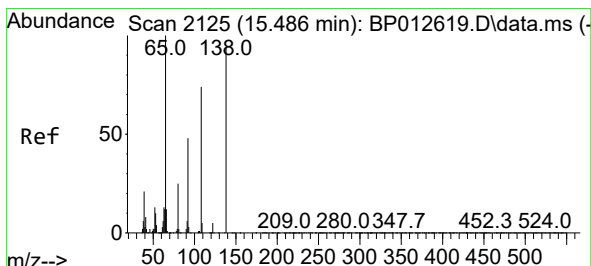
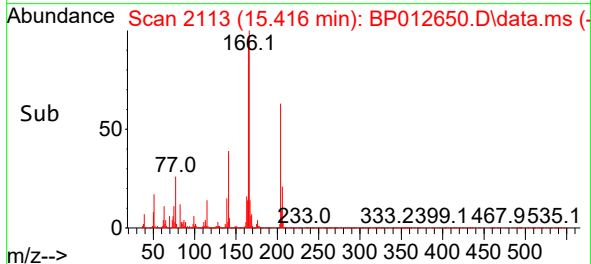
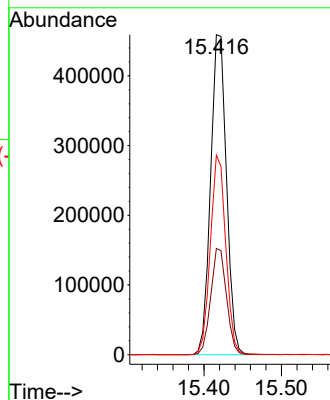
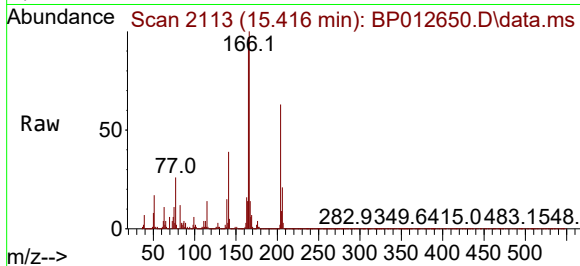




#61
4-Chlorophenyl-phenylether
Concen: 44.927 ng
RT: 15.416 min Scan# 2113
Delta R.T. -0.006 min
Lab File: BP012650.D
Acq: 14 Nov 2022 13:20

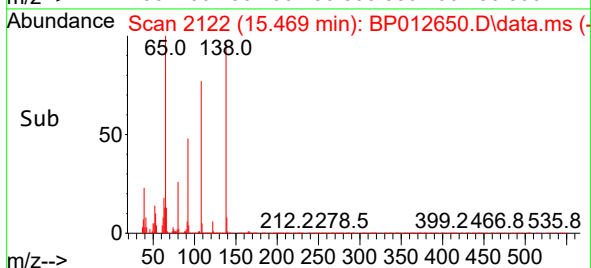
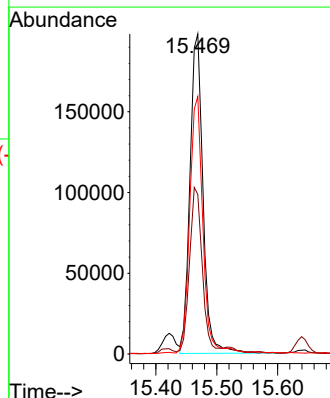
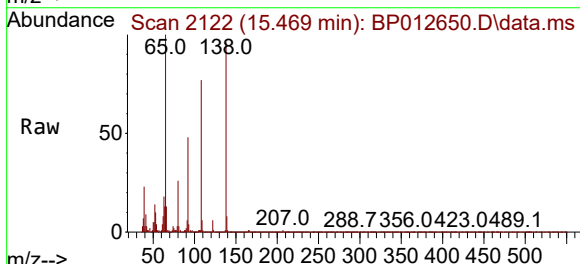
Instrument :
BNA_P
ClientSampleId :
NMS-SOIL-1108MSD

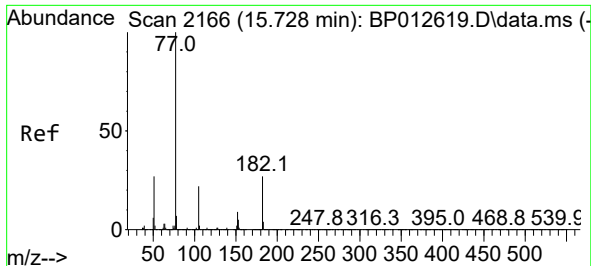
Tgt Ion:204 Resp: 652885
Ion Ratio Lower Upper
204 100
206 33.2 26.7 40.1
141 62.4 49.7 74.5



#62
4-Nitroaniline
Concen: 37.597 ng
RT: 15.469 min Scan# 2122
Delta R.T. -0.006 min
Lab File: BP012650.D
Acq: 14 Nov 2022 13:20

Tgt Ion:138 Resp: 294570
Ion Ratio Lower Upper
138 100
92 49.8 30.6 70.6
108 80.4 58.0 98.0



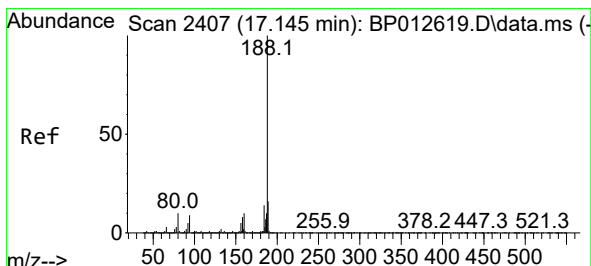
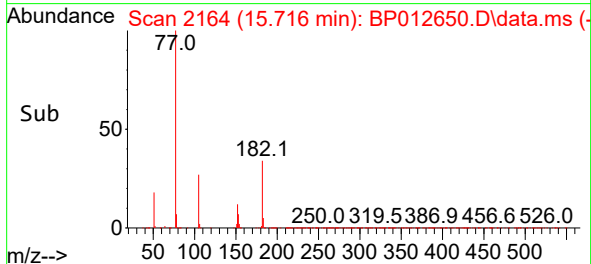
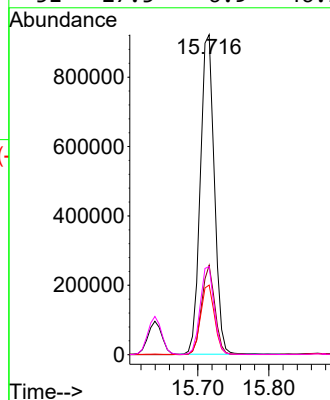
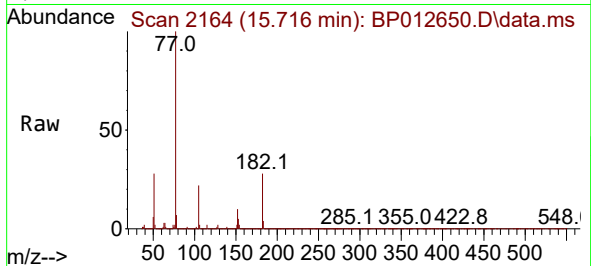


#63
Azobenzene
Concen: 42.693 ng
RT: 15.716 min Scan# 2166
Delta R.T. -0.006 min
Lab File: BP012650.D
Acq: 14 Nov 2022 13:20

Instrument :
BNA_P
ClientSampleId :
NMS-SOIL-1108MSD

Tgt Ion: 77 Resp: 1266317

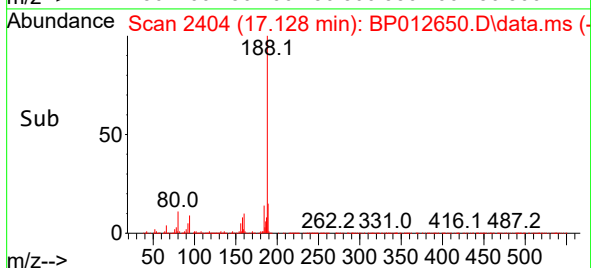
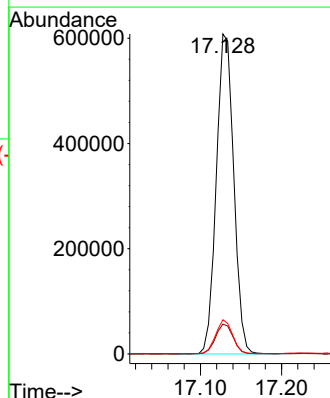
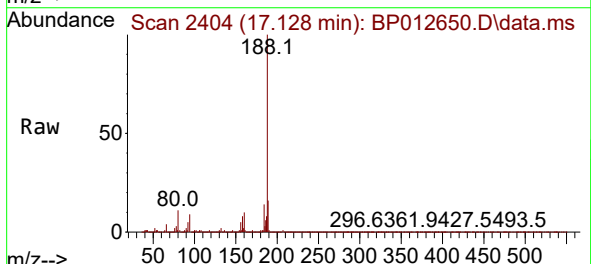
Ion	Ratio	Lower	Upper
77	100		
182	27.9	6.5	46.5
105	21.8	2.1	42.1
51	27.5	6.9	46.9

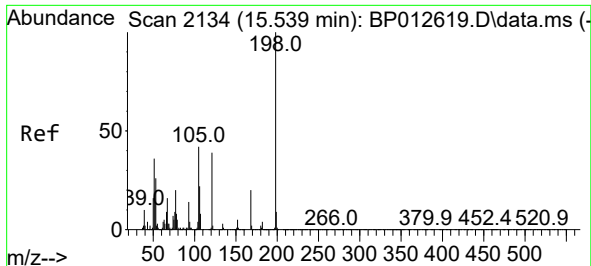


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.128 min Scan# 2404
Delta R.T. -0.006 min
Lab File: BP012650.D
Acq: 14 Nov 2022 13:20

Tgt Ion: 188 Resp: 907165

Ion	Ratio	Lower	Upper
188	100		
94	9.4	7.5	11.3
80	10.7	8.2	12.2

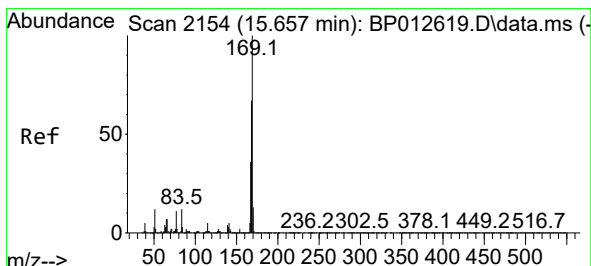
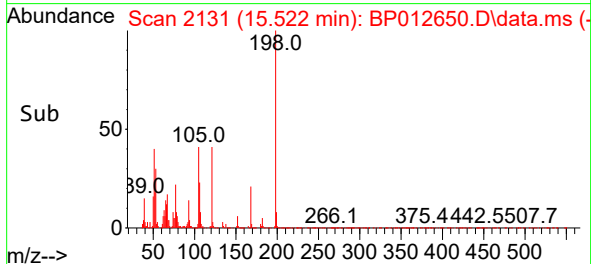
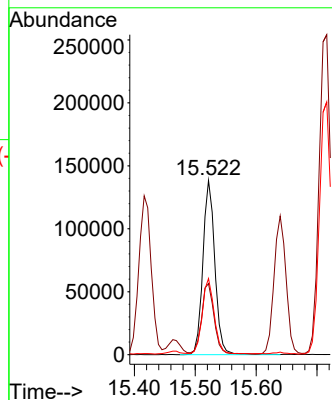
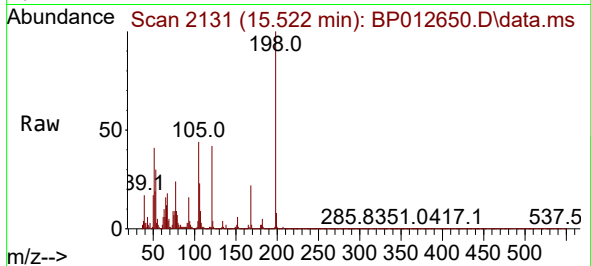




#65
4,6-Dinitro-2-methylphenol
Concen: 30.690 ng
RT: 15.522 min Scan# 2113
Delta R.T. -0.006 min
Lab File: BP012650.D
Acq: 14 Nov 2022 13:20

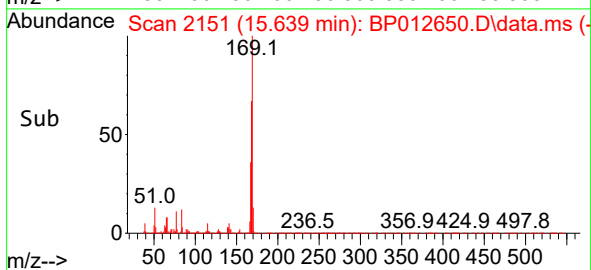
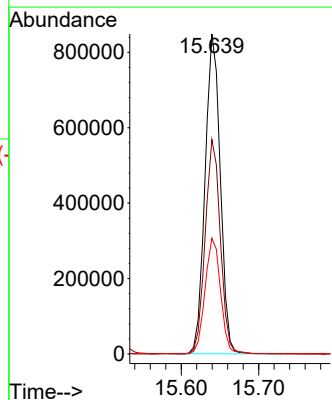
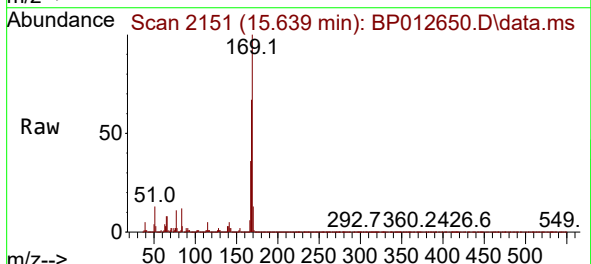
Instrument :
BNA_P
ClientSampleId :
NMS-SOIL-1108MSD

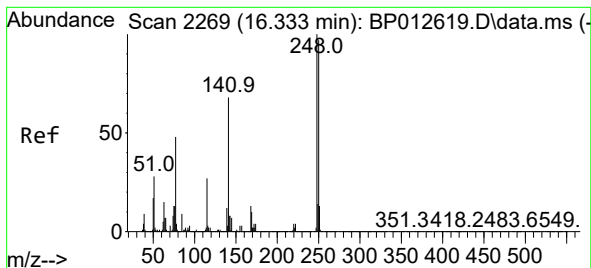
Tgt Ion:198 Resp: 189153
Ion Ratio Lower Upper
198 100
51 40.7 17.8 57.8
105 43.7 22.5 62.5



#66
n-Nitrosodiphenylamine
Concen: 43.149 ng
RT: 15.639 min Scan# 2151
Delta R.T. -0.006 min
Lab File: BP012650.D
Acq: 14 Nov 2022 13:20

Tgt Ion:169 Resp: 1154623
Ion Ratio Lower Upper
169 100
168 67.0 53.3 79.9
167 36.2 29.1 43.7

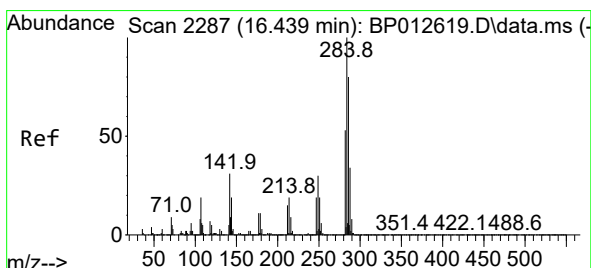
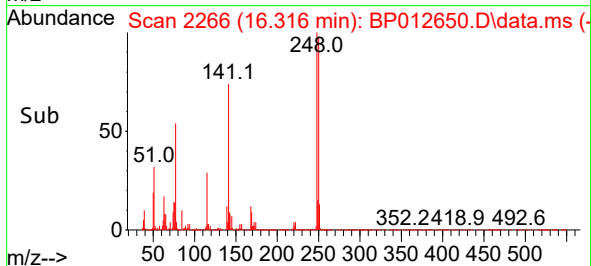
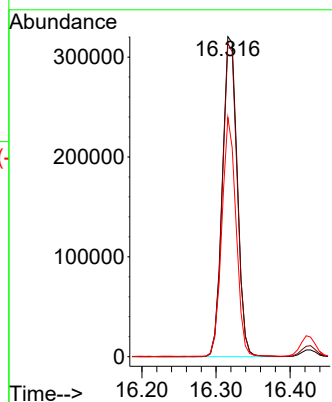
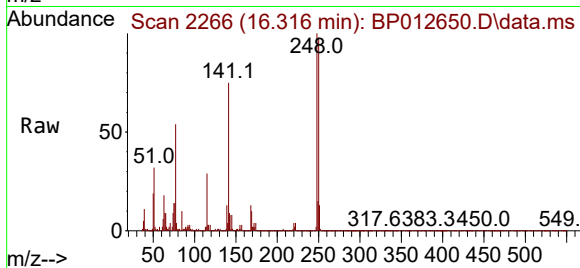




#67
4-Bromophenyl-phenylether
Concen: 43.966 ng
RT: 16.316 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP012650.D
Acq: 14 Nov 2022 13:20

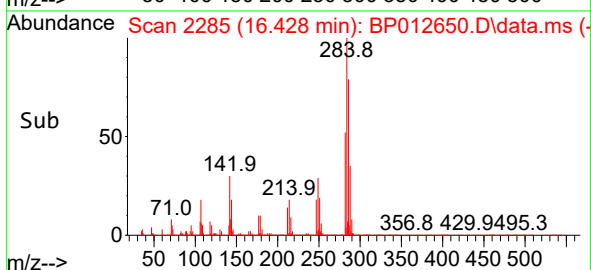
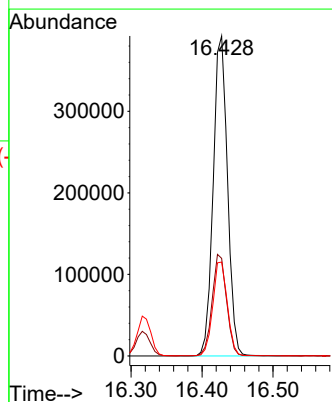
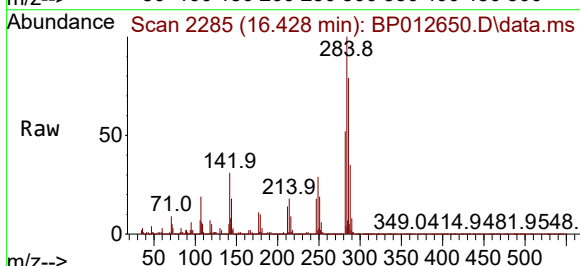
Instrument :
BNA_P
ClientSampleId :
NMS-SOIL-1108MSD

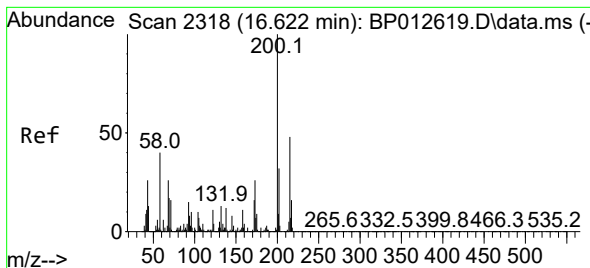
Tgt Ion:248 Resp: 448351
Ion Ratio Lower Upper
248 100
250 97.9 77.8 116.8
141 74.8 54.7 82.1



#68
Hexachlorobenzene
Concen: 44.985 ng
RT: 16.428 min Scan# 2285
Delta R.T. -0.006 min
Lab File: BP012650.D
Acq: 14 Nov 2022 13:20

Tgt Ion:284 Resp: 547577
Ion Ratio Lower Upper
284 100
142 30.5 25.1 37.7
249 29.4 24.2 36.2





#69

Atrazine

Concen: 46.474 ng

RT: 16.604 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP012650.D

Acq: 14 Nov 2022 13:20

Instrument :

BNA_P

ClientSampleId :

NMS-SOIL-1108MSD

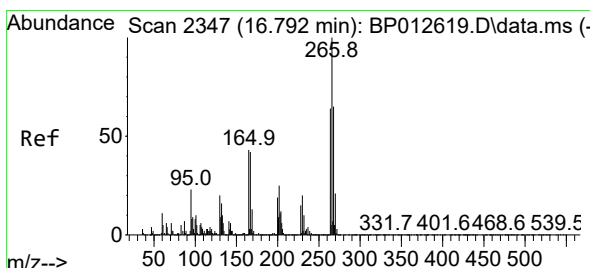
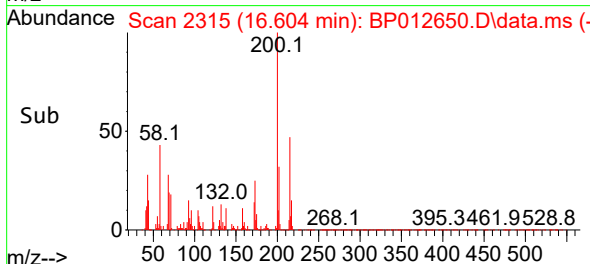
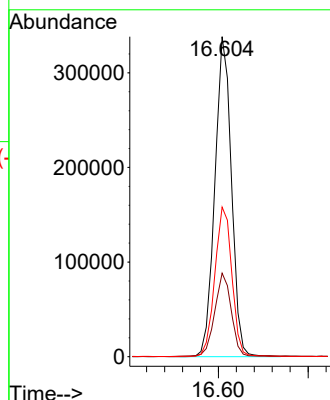
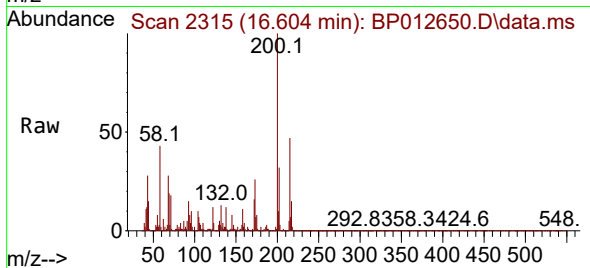
Tgt Ion:200 Resp: 433631

Ion Ratio Lower Upper

200 100

173 26.1 6.1 46.1

215 46.8 28.2 68.2



#70

Pentachlorophenol

Concen: 94.114 ng

RT: 16.781 min Scan# 2345

Delta R.T. -0.006 min

Lab File: BP012650.D

Acq: 14 Nov 2022 13:20

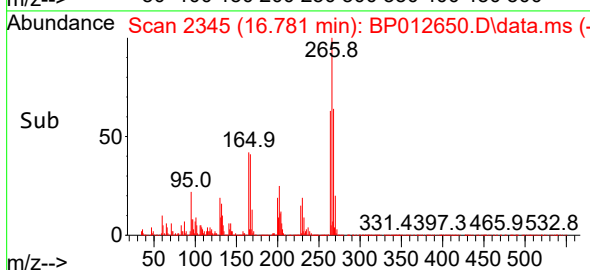
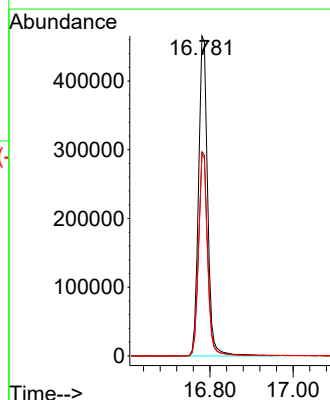
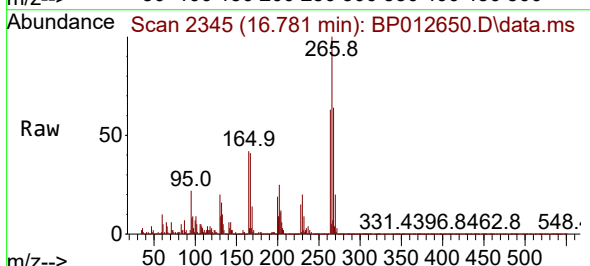
Tgt Ion:266 Resp: 706664

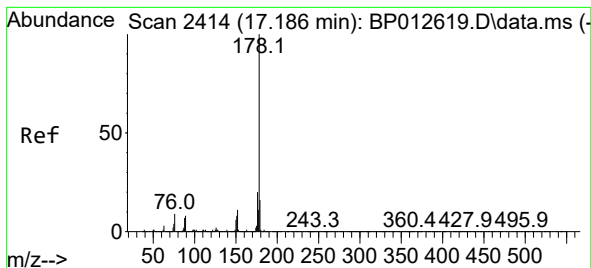
Ion Ratio Lower Upper

266 100

268 63.8 51.8 77.8

264 63.2 51.4 77.2





#71

Phenanthrene

Concen: 48.381 ng

RT: 17.175 min Scan# 2412

Delta R.T. -0.006 min

Lab File: BP012650.D

Acq: 14 Nov 2022 13:20

Instrument :

BNA_P

ClientSampleId :

NMS-SOIL-1108MSD

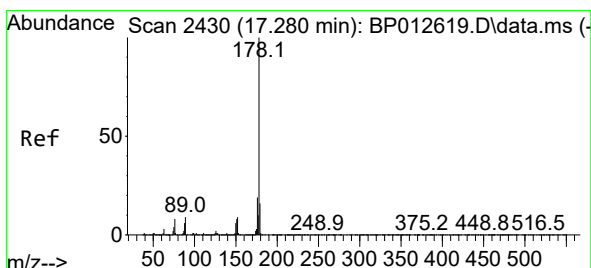
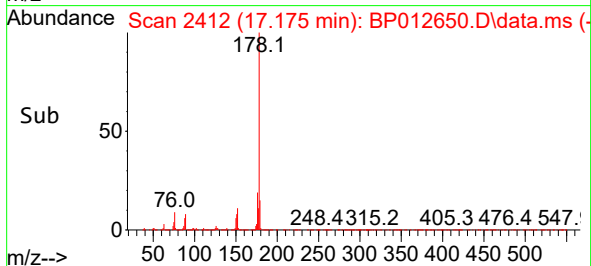
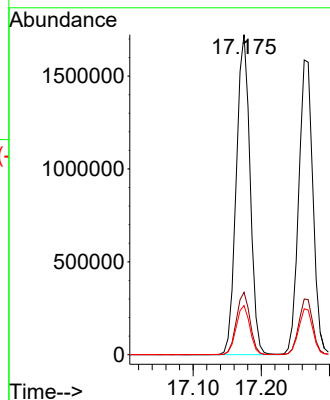
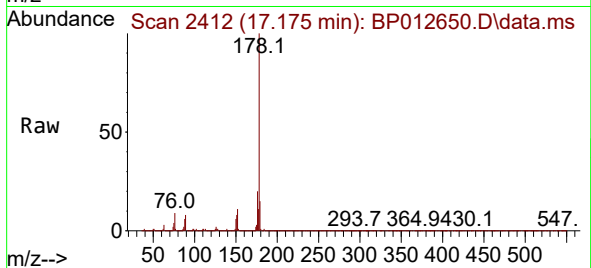
Tgt Ion:178 Resp: 2419379

Ion Ratio Lower Upper

178 100

176 19.5 15.8 23.6

179 15.4 12.6 18.8



#72

Anthracene

Concen: 48.353 ng

RT: 17.263 min Scan# 2427

Delta R.T. -0.006 min

Lab File: BP012650.D

Acq: 14 Nov 2022 13:20

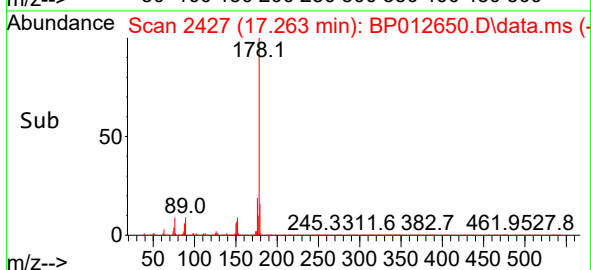
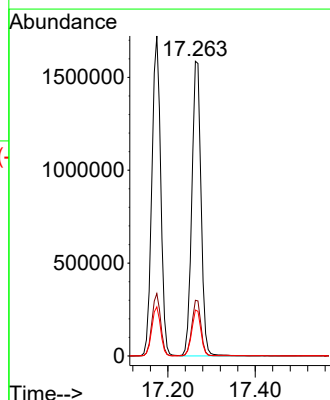
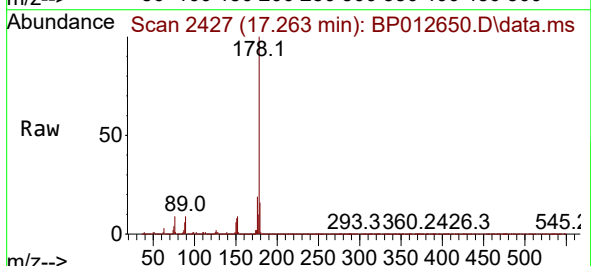
Tgt Ion:178 Resp: 2319884

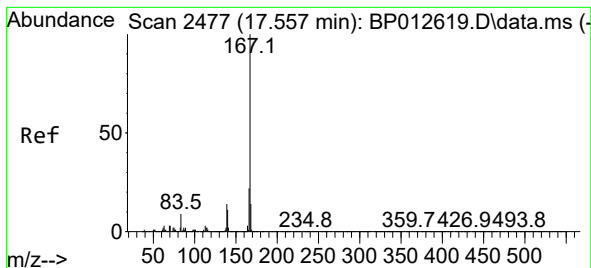
Ion Ratio Lower Upper

178 100

176 18.9 15.4 23.0

179 15.6 12.5 18.7





#73

Carbazole

Concen: 47.346 ng

RT: 17.545 min Scan# 24

Delta R.T. -0.006 min

Lab File: BP012650.D

Acq: 14 Nov 2022 13:20

Instrument :

BNA_P

ClientSampleId :

NMS-SOIL-1108MSD

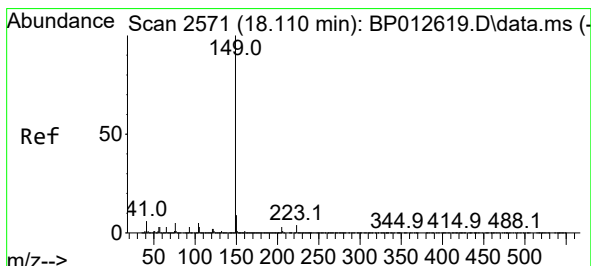
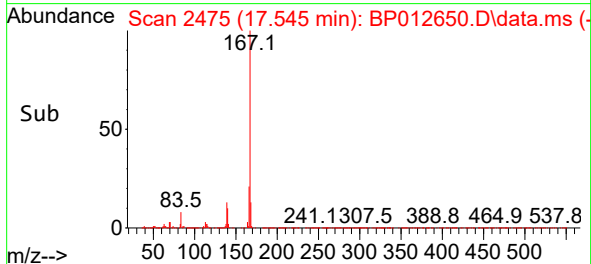
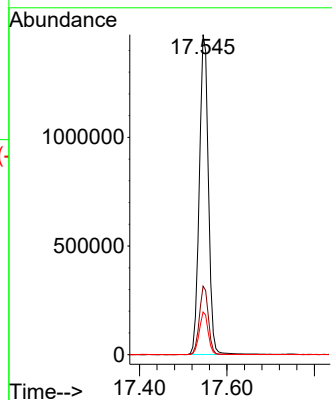
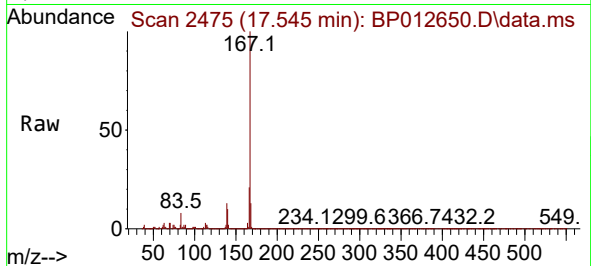
Tgt Ion:167 Resp: 2127193

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: 46.108 ng

RT: 18.098 min Scan# 2569

Delta R.T. -0.006 min

Lab File: BP012650.D

Acq: 14 Nov 2022 13:20

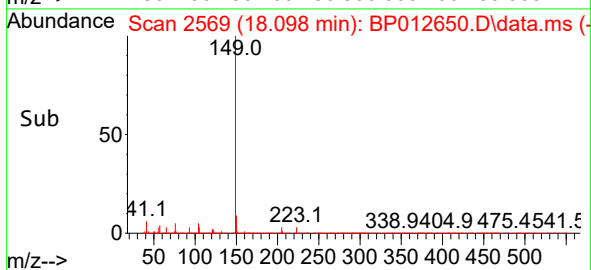
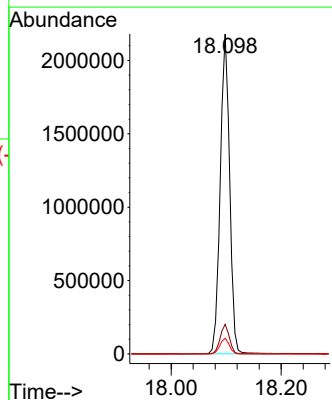
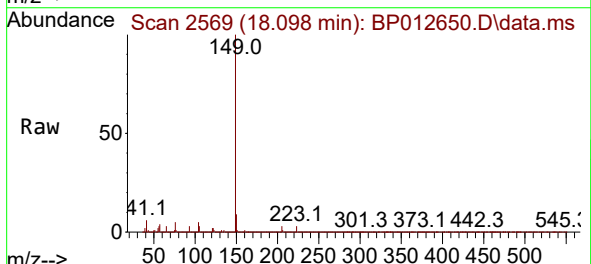
Tgt Ion:149 Resp: 2586993

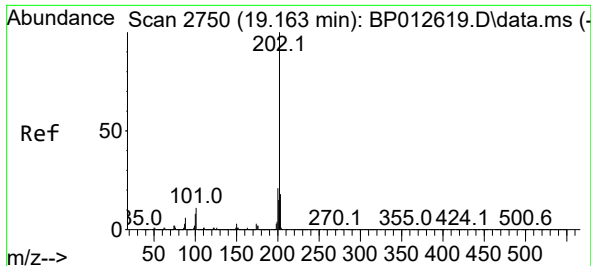
Ion Ratio Lower Upper

149 100

150 9.3 7.4 11.0

104 4.9 4.1 6.1

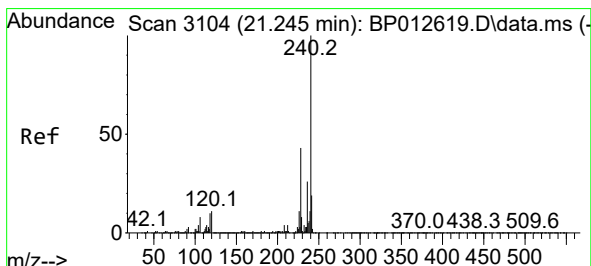
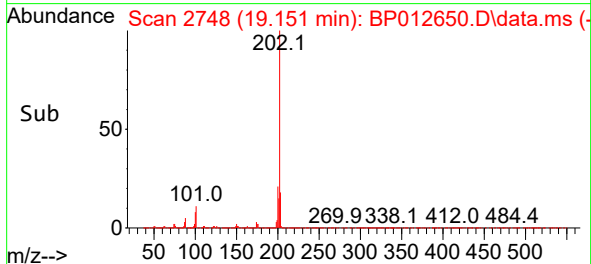
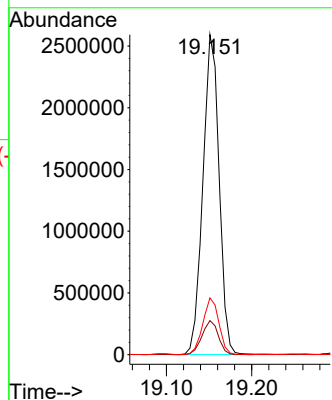
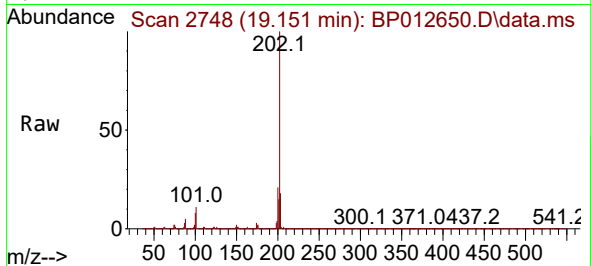




#75
Fluoranthene
Concen: 58.481 ng
RT: 19.151 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP012650.D
Acq: 14 Nov 2022 13:20

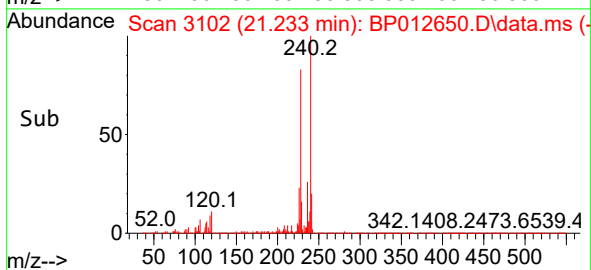
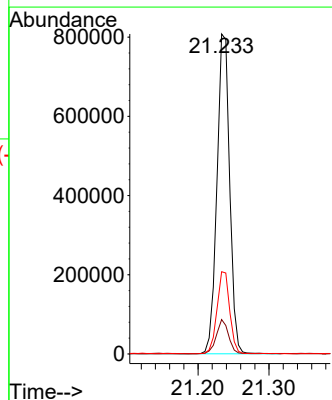
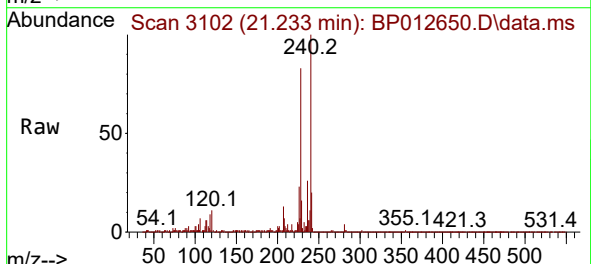
Instrument :
BNA_P
ClientSampleId :
NMS-SOIL-1108MSD

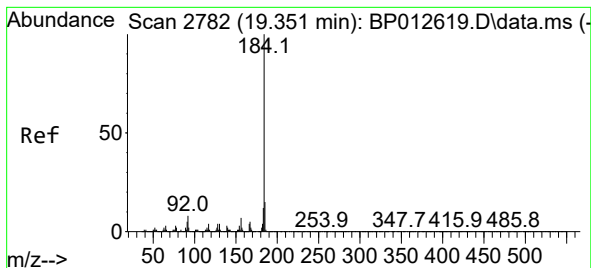
Tgt Ion:202 Resp: 3427359
Ion Ratio Lower Upper
202 100
101 10.6 0.0 31.1
203 17.8 0.0 38.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.233 min Scan# 3102
Delta R.T. -0.006 min
Lab File: BP012650.D
Acq: 14 Nov 2022 13:20

Tgt Ion:240 Resp: 1000095
Ion Ratio Lower Upper
240 100
120 10.7 9.0 13.4
236 25.7 20.8 31.2





#77

Benzidine

Concen: 62.691 ng

RT: 19.345 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP012650.D

Acq: 14 Nov 2022 13:20

Instrument :

BNA_P

ClientSampleId :

NMS-SOIL-1108MSD

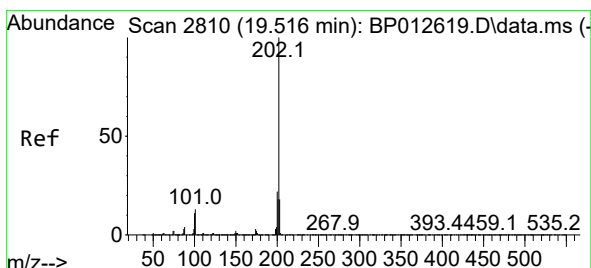
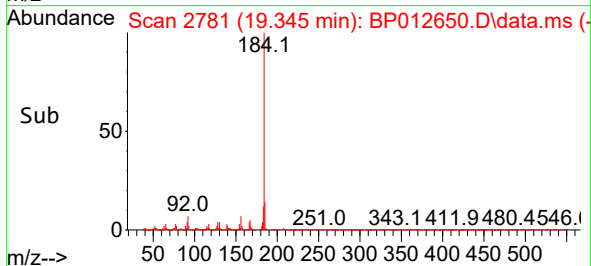
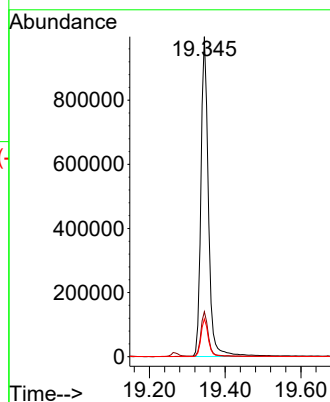
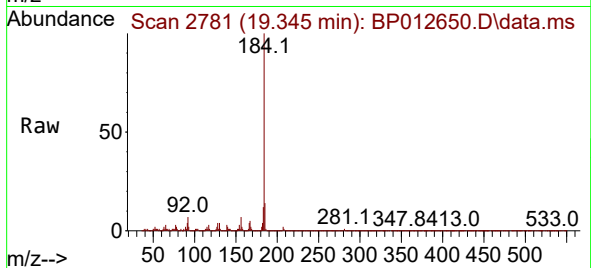
Tgt Ion:184 Resp: 1383226

Ion Ratio Lower Upper

184 100

185 14.1 11.6 17.4

183 11.8 9.3 13.9



#78

Pyrene

Concen: 50.062 ng

RT: 19.504 min Scan# 2808

Delta R.T. -0.006 min

Lab File: BP012650.D

Acq: 14 Nov 2022 13:20

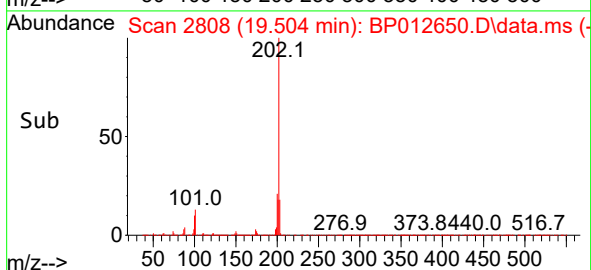
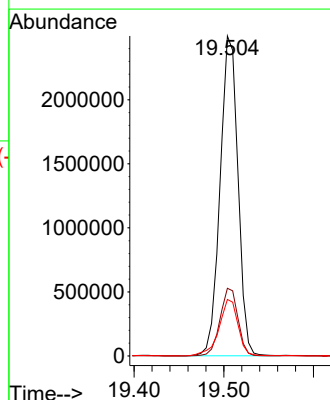
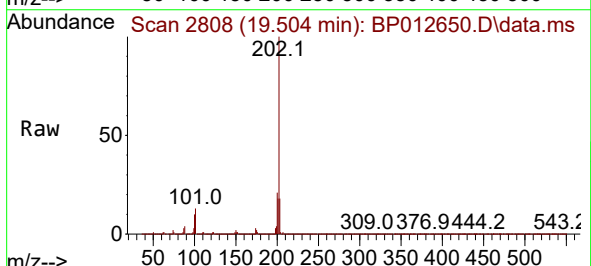
Tgt Ion:202 Resp: 3453939

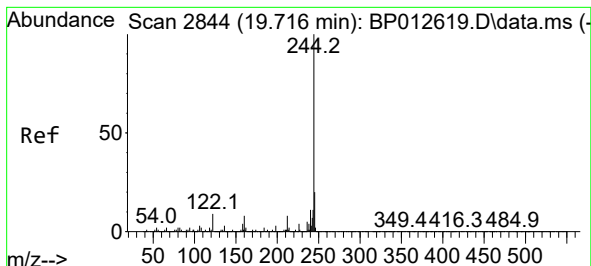
Ion Ratio Lower Upper

202 100

200 21.2 17.4 26.0

203 17.7 14.3 21.5





#79

Terphenyl-d14

Concen: 72.224 ng

RT: 19.704 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP012650.D

Acq: 14 Nov 2022 13:20

Instrument :

BNA_P

ClientSampleId :

NMS-SOIL-1108MSD

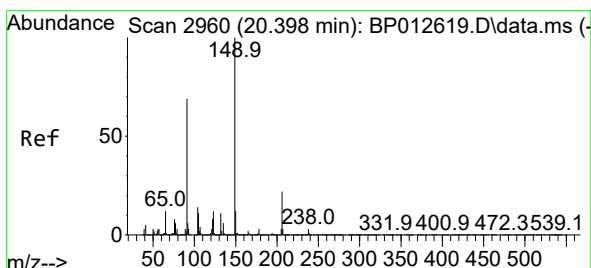
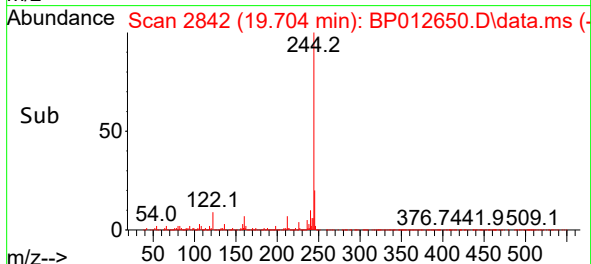
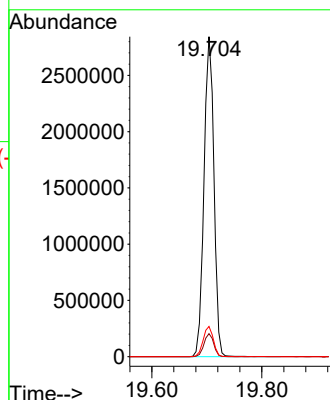
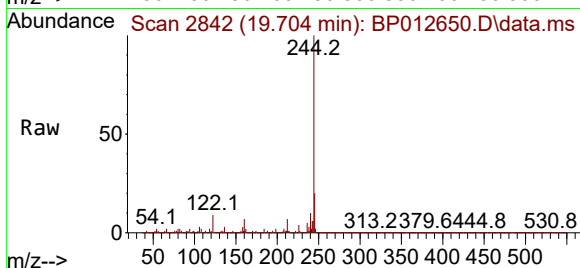
Tgt Ion:244 Resp: 3565357

Ion Ratio Lower Upper

244 100

212 7.2 6.2 9.2

122 9.4 7.0 10.4



#80

Butylbenzylphthalate

Concen: 44.065 ng

RT: 20.386 min Scan# 2958

Delta R.T. 0.000 min

Lab File: BP012650.D

Acq: 14 Nov 2022 13:20

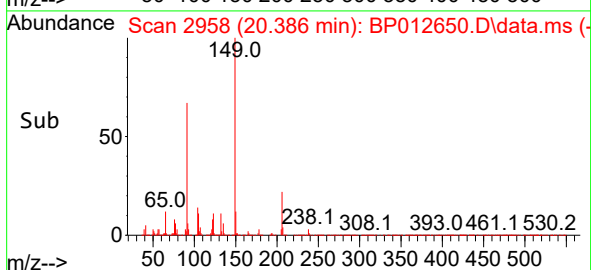
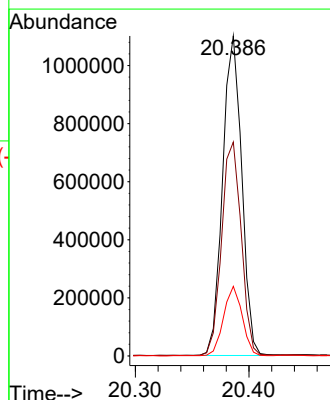
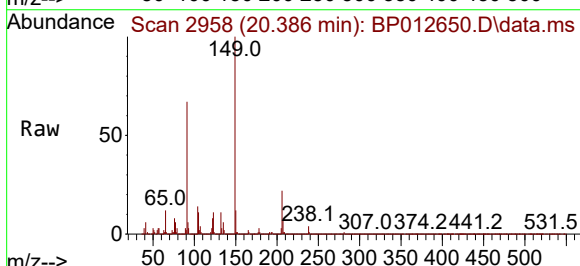
Tgt Ion:149 Resp: 1287616

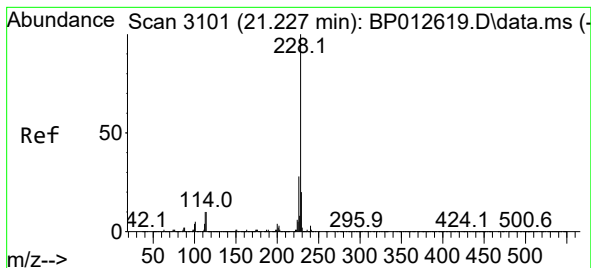
Ion Ratio Lower Upper

149 100

91 66.8 55.0 82.4

206 21.7 17.4 26.2





#81

Benzo(a)anthracene

Concen: 49.238 ng

RT: 21.222 min Scan# 3101

Delta R.T. 0.000 min

Lab File: BP012650.D

Acq: 14 Nov 2022 13:20

Instrument :

BNA_P

ClientSampleId :

NMS-SOIL-1108MSD

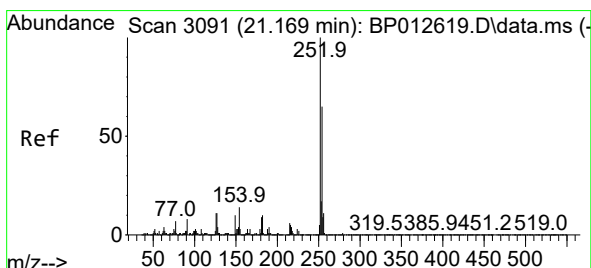
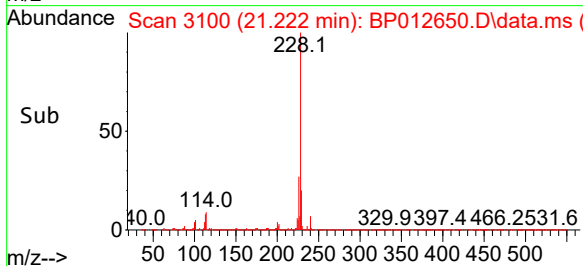
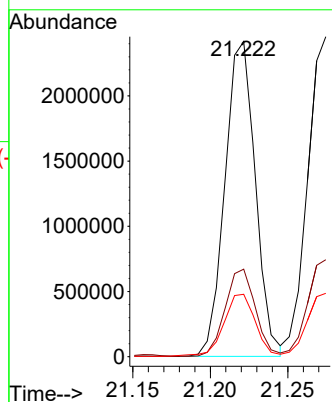
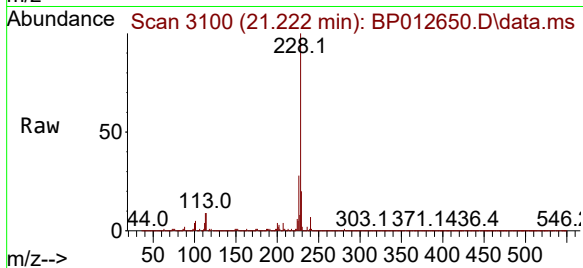
Tgt Ion:228 Resp: 3292679

Ion Ratio Lower Upper

228 100

226 27.7 22.1 33.1

229 19.8 16.2 24.2



#82

3,3'-Dichlorobenzidine

Concen: 43.997 ng

RT: 21.157 min Scan# 3089

Delta R.T. -0.006 min

Lab File: BP012650.D

Acq: 14 Nov 2022 13:20

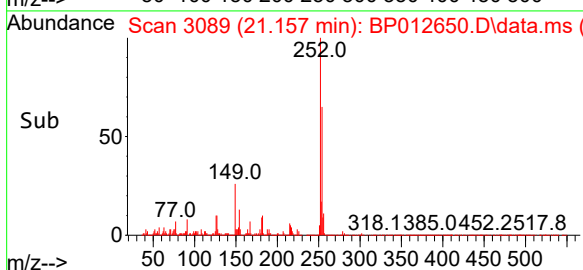
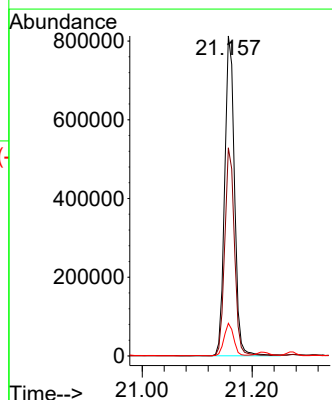
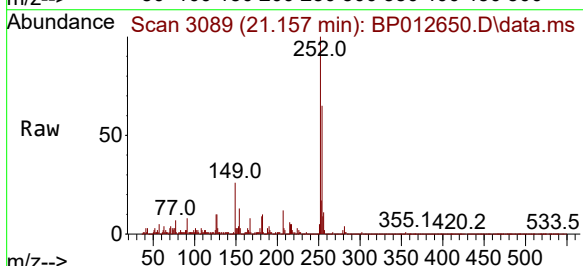
Tgt Ion:252 Resp: 1004726

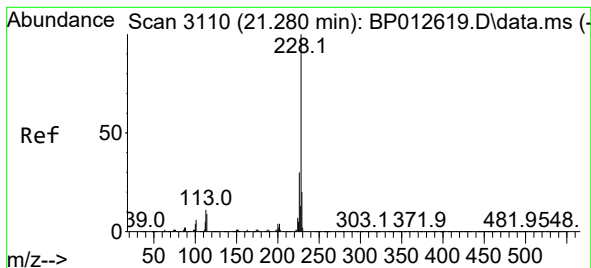
Ion Ratio Lower Upper

252 100

254 65.0 51.7 77.5

126 10.2 8.7 13.1





#83

Chrysene

Concen: 47.489 ng

RT: 21.274 min Scan# 3110

Delta R.T. 0.000 min

Lab File: BP012650.D

Acq: 14 Nov 2022 13:20

Instrument :

BNA_P

ClientSampleId :

NMS-SOIL-1108MSD

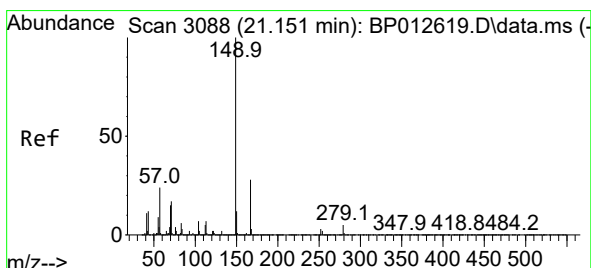
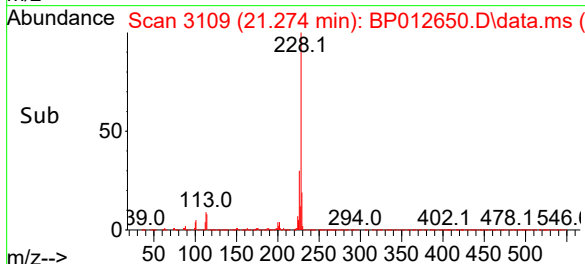
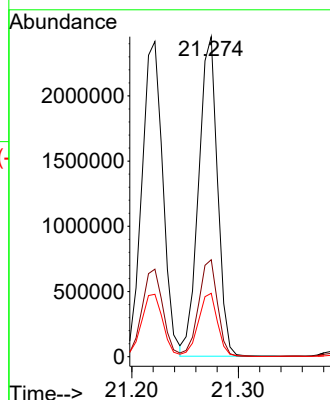
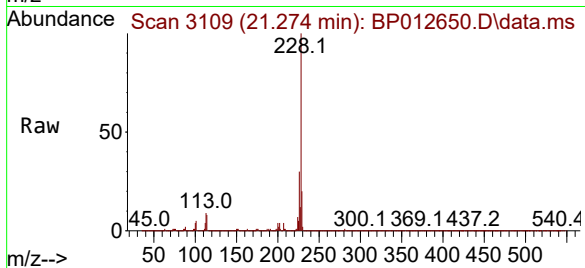
Tgt Ion:228 Resp: 3026955

Ion Ratio Lower Upper

228 100

226 30.3 24.2 36.4

229 19.8 16.2 24.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.067 ng

RT: 21.139 min Scan# 3086

Delta R.T. -0.006 min

Lab File: BP012650.D

Acq: 14 Nov 2022 13:20

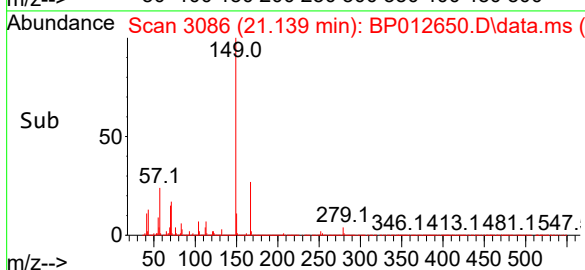
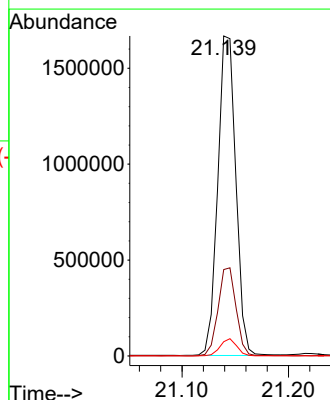
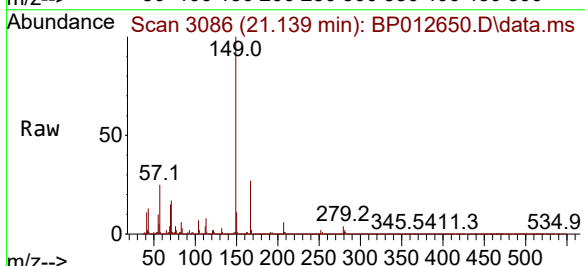
Tgt Ion:149 Resp: 1960974

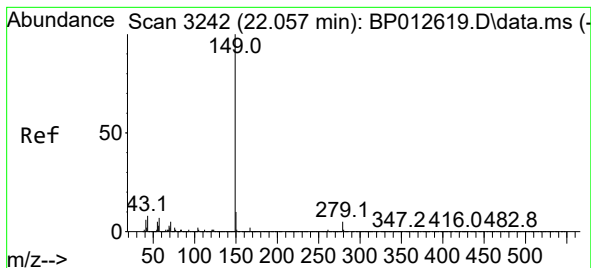
Ion Ratio Lower Upper

149 100

167 27.0 22.1 33.1

279 4.5 3.7 5.5





#85

Di-n-octyl phthalate

Concen: 48.309 ng

RT: 22.045 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP012650.D

Acq: 14 Nov 2022 13:20

Instrument :

BNA_P

ClientSampleId :

NMS-SOIL-1108MSD

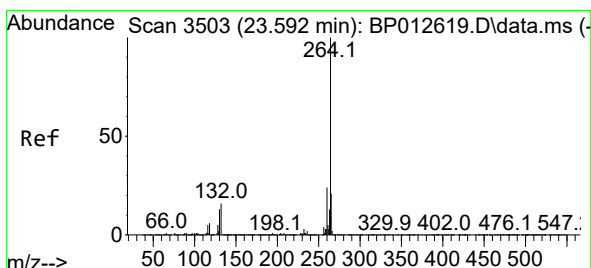
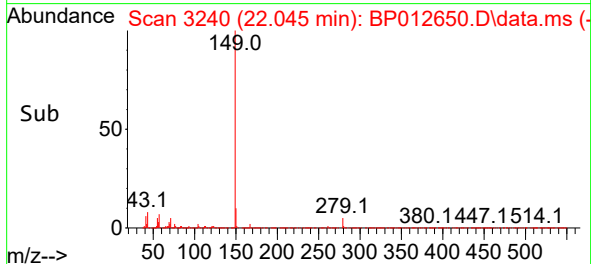
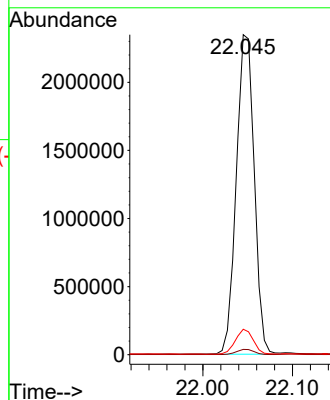
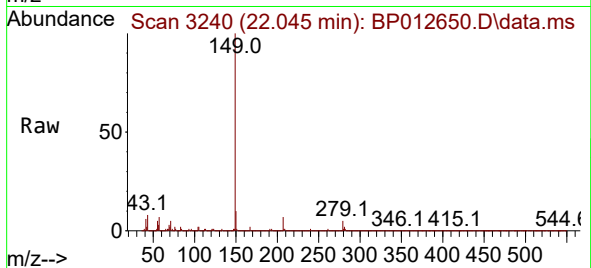
Tgt Ion:149 Resp: 3256820

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 7.6 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: BP012650.D

Acq: 14 Nov 2022 13:20

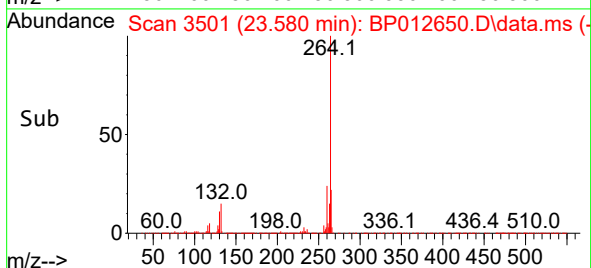
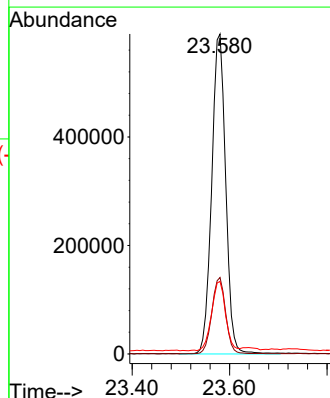
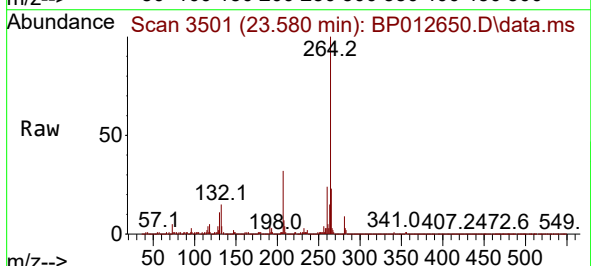
Tgt Ion:264 Resp: 1173243

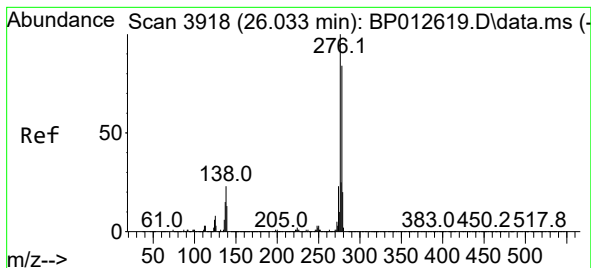
Ion Ratio Lower Upper

264 100

260 23.9 18.9 28.3

265 22.7 17.8 26.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 51.275 ng

RT: 26.015 min Scan# 3915

Delta R.T. 0.000 min

Lab File: BP012650.D

Acq: 14 Nov 2022 13:20

Instrument :

BNA_P

ClientSampleId :

NMS-SOIL-1108MSD

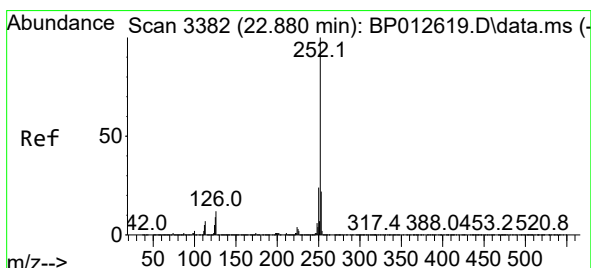
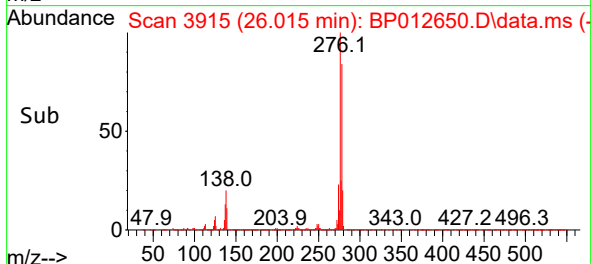
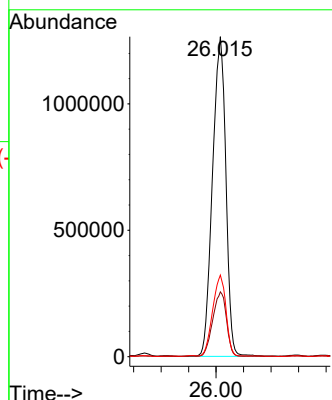
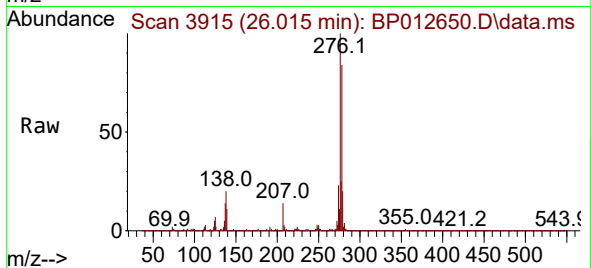
Tgt Ion:276 Resp: 4263084

Ion Ratio Lower Upper

276 100

138 20.6 18.6 27.8

277 25.1 20.2 30.4



#88

Benzo(b)fluoranthene

Concen: 48.150 ng

RT: 22.869 min Scan# 3380

Delta R.T. 0.000 min

Lab File: BP012650.D

Acq: 14 Nov 2022 13:20

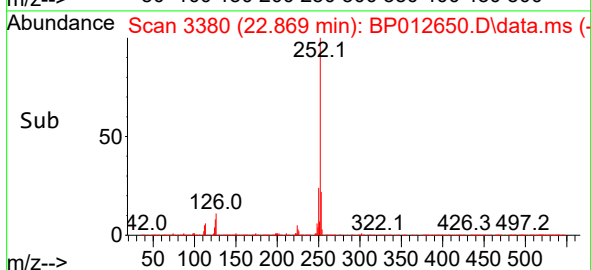
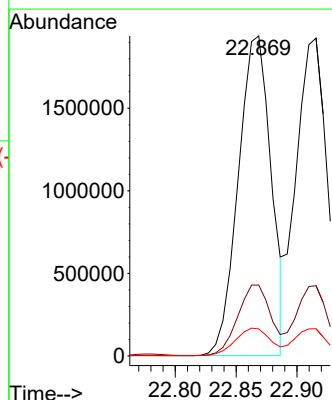
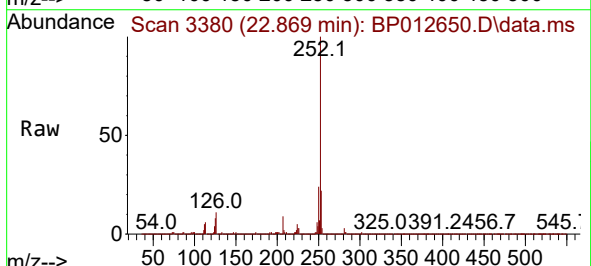
Tgt Ion:252 Resp: 3634307

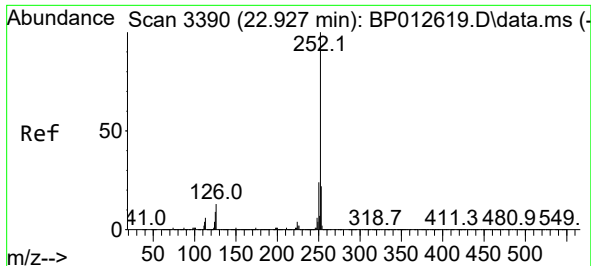
Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.6

125 8.5 7.6 11.4

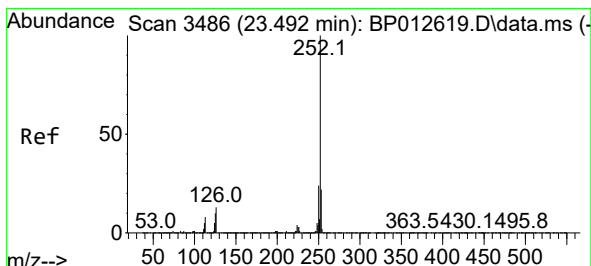
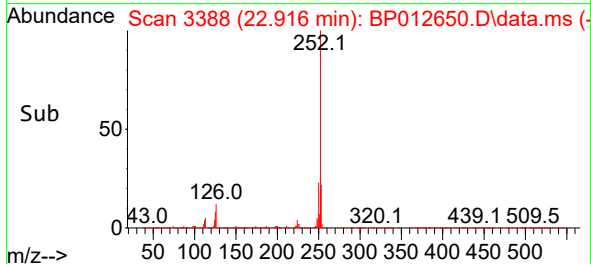
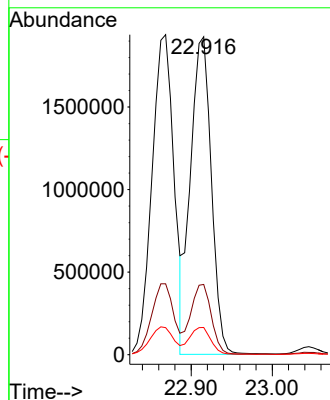
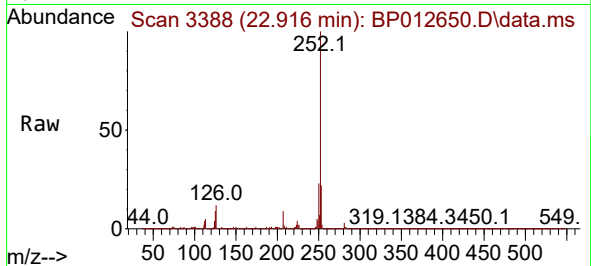




#89
Benzo(k)fluoranthene
Concen: 46.681 ng
RT: 22.916 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP012650.D
Acq: 14 Nov 2022 13:20

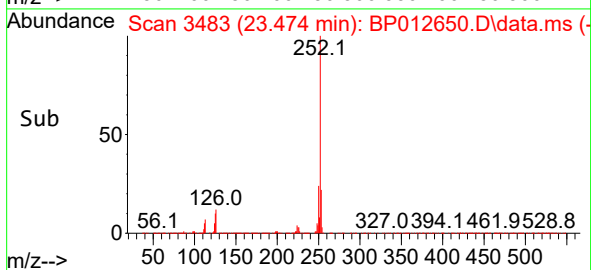
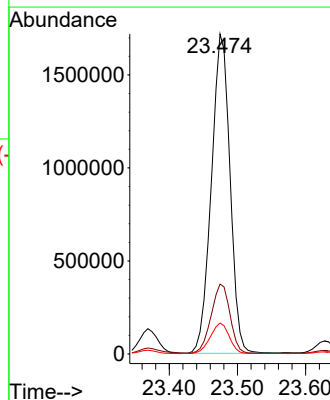
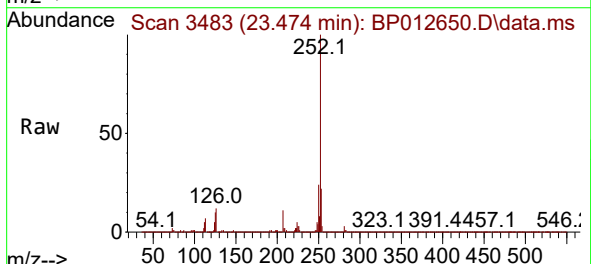
Instrument :
BNA_P
ClientSampleId :
NMS-SOIL-1108MSD

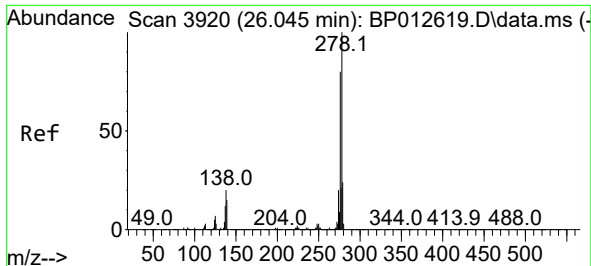
Tgt Ion:252 Resp: 3437948
Ion Ratio Lower Upper
252 100
253 22.1 17.9 26.9
125 8.6 7.7 11.5



#90
Benzo(a)pyrene
Concen: 52.999 ng
RT: 23.474 min Scan# 3483
Delta R.T. -0.006 min
Lab File: BP012650.D
Acq: 14 Nov 2022 13:20

Tgt Ion:252 Resp: 3266710
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.0
125 9.7 8.2 12.4

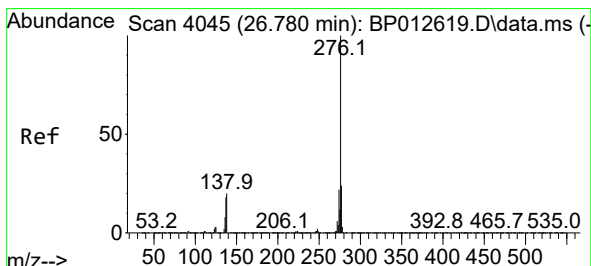
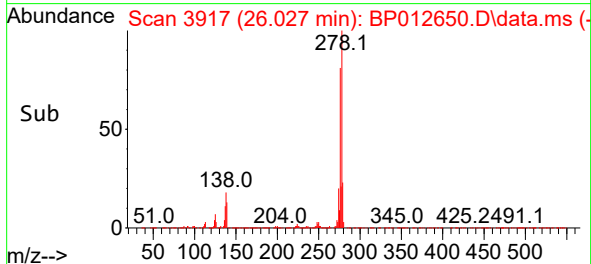
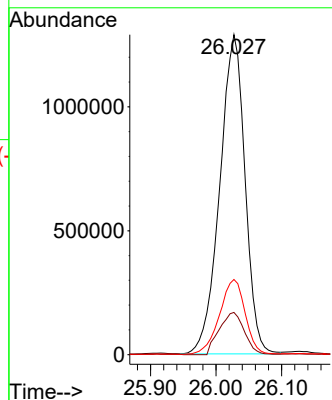
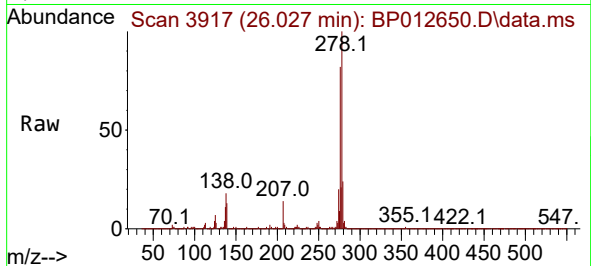




#91
Dibenzo(a,h)anthracene
Concen: 49.540 ng
RT: 26.027 min Scan# 3917
Delta R.T. -0.012 min
Lab File: BP012650.D
Acq: 14 Nov 2022 13:20

Instrument :
BNA_P
ClientSampleId :
NMS-SOIL-1108MSD

Tgt Ion:278 Resp: 3442712
Ion Ratio Lower Upper
278 100
139 13.2 11.8 17.8
279 23.5 19.2 28.8



#92
Benzo(g,h,i)perylene
Concen: 54.270 ng
RT: 26.762 min Scan# 4042
Delta R.T. -0.006 min
Lab File: BP012650.D
Acq: 14 Nov 2022 13:20

Tgt Ion:276 Resp: 3682593
Ion Ratio Lower Upper
276 100
277 23.5 19.4 29.2
138 18.2 16.2 24.4

