

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071922\
 Data File : BM035866.D
 Acq On : 19 Jul 2022 16:02
 Operator : CG/JU
 Sample : N3214-02
 Misc : LOQ-SOIL 10ppm
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 LOQ-SOIL-02-QT2-2022

Quant Time: Jul 19 16:33:39 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM071822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 18 17:08:15 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.892	152	318409	20.000	ng	0.00
21) Naphthalene-d8	10.704	136	1332104	20.000	ng	0.00
39) Acenaphthene-d10	14.527	164	762580	20.000	ng	0.00
64) Phenanthrene-d10	17.268	188	1438717	20.000	ng	0.00
76) Chrysene-d12	21.445	240	1211204	20.000	ng	0.00
86) Perylene-d12	23.827	264	1168206	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	2965784	144.401	ng	0.00
7) Phenol-d6	7.063	99	3779149	146.326	ng	0.00
23) Nitrobenzene-d5	9.063	82	1922909	77.204	ng	0.00
42) 2,4,6-Tribromophenol	16.015	330	1240480	145.428	ng	0.00
45) 2-Fluorobiphenyl	13.163	172	4304710	79.792	ng	0.00
79) Terphenyl-d14	19.898	244	5402505	86.785	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.316	88	75408	8.883	ng	94
3) Pyridine	3.728	79	195734	8.675	ng	90
4) n-Nitrosodimethylamine	3.640	42	88562	9.393	ng	# 63
6) Aniline	7.222	93	294548	10.385	ng	96
8) 2-Chlorophenol	7.457	128	194949	9.186	ng	95
9) Benzaldehyde	7.034	77	169493	11.681	ng	96
10) Phenol	7.087	94	243370	9.356	ng	92
11) bis(2-Chloroethyl)ether	7.322	93	197481	9.410	ng	95
12) 1,3-Dichlorobenzene	7.781	146	215402	9.099	ng	98
13) 1,4-Dichlorobenzene	7.928	146	222151	9.217	ng	98
14) 1,2-Dichlorobenzene	8.245	146	213544	9.160	ng	99
15) Benzyl Alcohol	8.134	79	149115	8.763	ng	93
16) 2,2'-oxybis(1-Chloropr...	8.428	45	256418	9.385	ng	98
17) 2-Methylphenol	8.339	107	153058	9.064	ng	94
18) Hexachloroethane	8.975	117	77792	8.971	ng	94
19) n-Nitroso-di-n-propyla...	8.704	70	142790	9.536	ng	89
20) 3+4-Methylphenols	8.669	107	197187	8.640	ng	97
22) Acetophenone	8.722	105	295876	8.987	ng	# 93
24) Nitrobenzene	9.104	77	222305	9.503	ng	96
25) Isophorone	9.628	82	384202	9.861	ng	# 97
26) 2-Nitrophenol	9.816	139	81326	7.717	ng	92
27) 2,4-Dimethylphenol	9.875	122	168623	10.144	ng	98
28) bis(2-Chloroethoxy)met...	10.116	93	244912	9.031	ng	99
29) 2,4-Dichlorophenol	10.345	162	154893	8.404	ng	97
30) 1,2,4-Trichlorobenzene	10.563	180	186547	8.770	ng	99
31) Naphthalene	10.751	128	624103	9.221	ng	99
32) Benzoic acid	9.963	122	125748	10.002	ng	88
33) 4-Chloroaniline	10.863	127	255105	9.422	ng	96
34) Hexachlorobutadiene	11.039	225	104726	8.579	ng	98
35) Caprolactam	11.628	113	43985	7.804	ng	95
36) 4-Chloro-3-methylphenol	11.986	107	162463	8.597	ng	99
37) 2-Methylnaphthalene	12.363	142	406418	9.230	ng	96
38) 1-Methylnaphthalene	12.580	142	397399	9.273	ng	96
40) 1,2,4,5-Tetrachloroben...	12.722	216	192084	8.816	ng	99
41) Hexachlorocyclopentadiene	12.704	237	114579	9.757	ng	98
43) 2,4,6-Trichlorophenol	12.963	196	114717	7.966	ng	96

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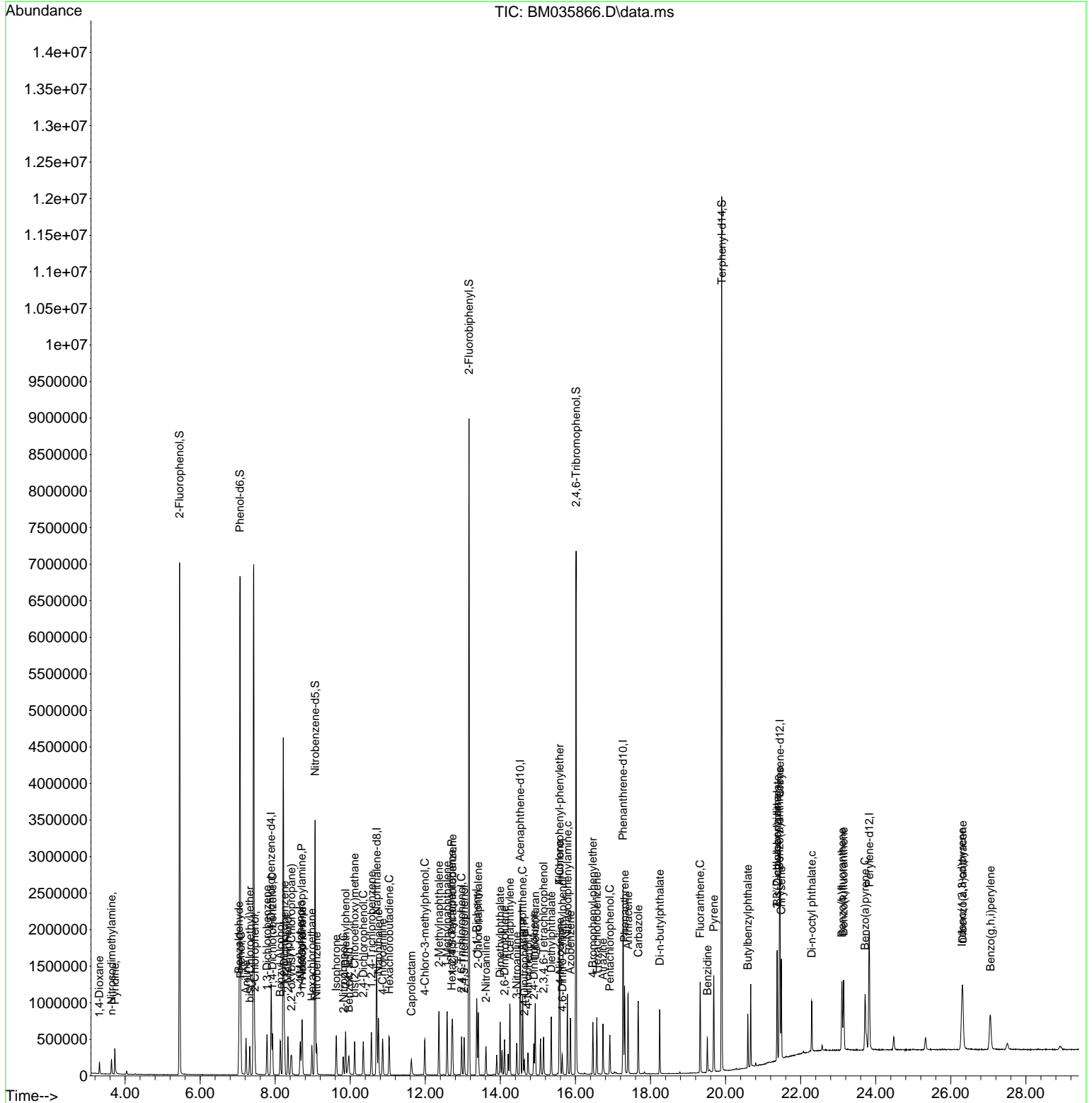
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.033	196	121794	8.021	ng	98
46) 1,1'-Biphenyl	13.369	154	526606	9.078	ng	99
47) 2-Chloronaphthalene	13.410	162	399486	8.960	ng	99
48) 2-Nitroaniline	13.616	65	96175	7.828	ng	94
49) Acenaphthylene	14.251	152	650814	9.479	ng	99
50) Dimethylphthalate	13.992	163	436722	8.701	ng	100
51) 2,6-Dinitrotoluene	14.110	165	90810	8.652	ng	96
52) Acenaphthene	14.592	154	369874	8.993	ng	99
53) 3-Nitroaniline	14.433	138	101608	8.041	ng	100
54) 2,4-Dinitrophenol	14.639	184	39538	7.645	ng	91
55) Dibenzofuran	14.927	168	590175	8.957	ng	98
56) 4-Nitrophenol	14.733	139	75429	7.607	ng	89
57) 2,4-Dinitrotoluene	14.892	165	109444	7.968	ng	95
58) Fluorene	15.574	166	461791	8.926	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.151	232	96269	7.887	ng	98
60) Diethylphthalate	15.357	149	429616	8.638	ng	99
61) 4-Chlorophenyl-phenyle...	15.574	204	221562	8.802	ng	96
62) 4-Nitroaniline	15.592	138	100513	7.768	ng	90
63) Azobenzene	15.863	77	439838	8.613	ng	94
65) 4,6-Dinitro-2-methylph...	15.651	198	54817	7.588	ng	97
66) n-Nitrosodiphenylamine	15.786	169	378074	8.949	ng	99
67) 4-Bromophenyl-phenylether	16.462	248	123036	8.507	ng	98
68) Hexachlorobenzene	16.568	284	150030	8.936	ng	94
69) Atrazine	16.733	200	110137	9.921	ng	99
70) Pentachlorophenol	16.915	266	92430	9.921	ng	96
71) Phenanthrene	17.309	178	683432	9.030	ng	99
72) Anthracene	17.404	178	671423	9.127	ng	100
73) Carbazole	17.674	167	621776	8.332	ng	99
74) Di-n-butylphthalate	18.245	149	596892	7.856	ng	99
75) Fluoranthene	19.321	202	698829	8.495	ng	98
77) Benzidine	19.515	184	259147	12.186	ng	99
78) Pyrene	19.686	202	731686	9.239	ng	99
80) Butylbenzylphthalate	20.592	149	200900	7.106	ng	97
81) Benzo(a)anthracene	21.433	228	677384	8.835	ng	99
82) 3,3'-Dichlorobenzidine	21.368	252	210320	11.711	ng	98
83) Chrysene	21.486	228	640289	8.752	ng	99
84) Bis(2-ethylhexyl)phtha...	21.374	149	294687	7.395	ng	100
85) Di-n-octyl phthalate	22.297	149	442514	7.000	ng	98
87) Indeno(1,2,3-cd)pyrene	26.297	276	694459	8.136	ng	98
88) Benzo(b)fluoranthene	23.097	252	629125	9.047	ng	98
89) Benzo(k)fluoranthene	23.144	252	653821	9.086	ng	98
90) Benzo(a)pyrene	23.715	252	602790	10.184	ng	98
91) Dibenzo(a,h)anthracene	26.315	278	617436	8.705	ng	98
92) Benzo(g,h,i)perylene	27.056	276	616189	8.809	ng	99

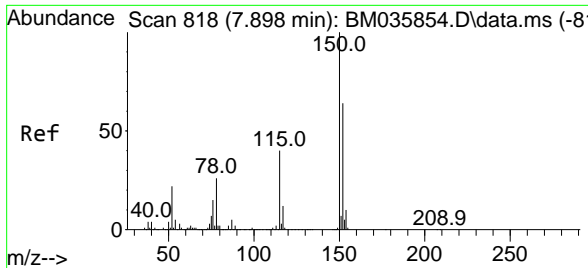
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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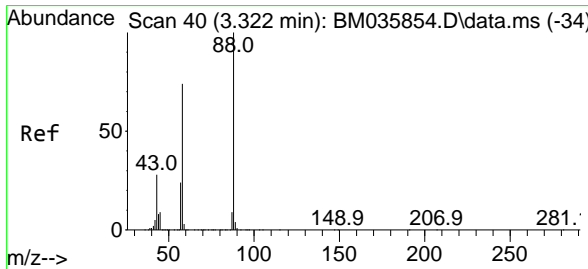
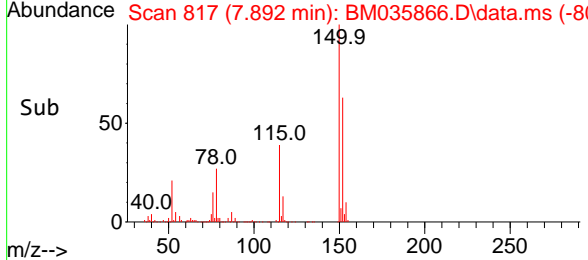
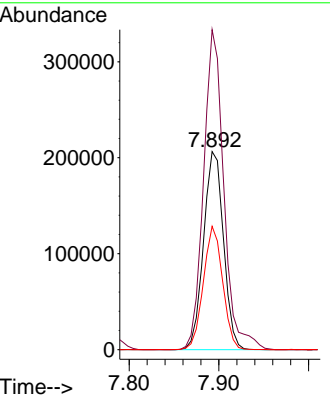
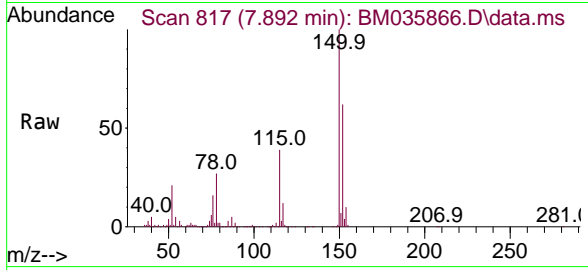




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.892 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BM035866.D
 Acq: 19 Jul 2022 16:02

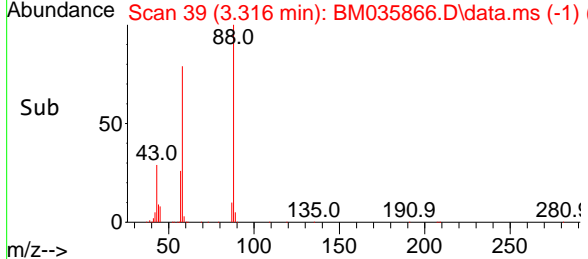
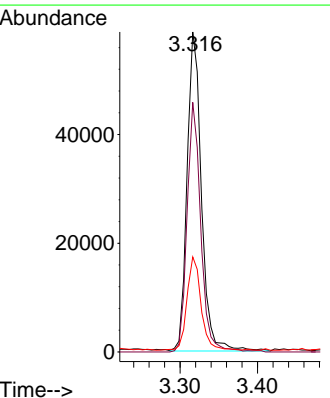
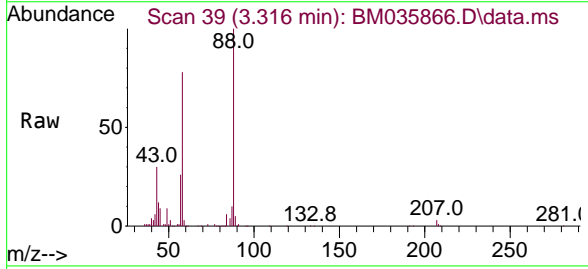
Instrument :
 BNA_M
 ClientSampleId :
 LOQ-SOIL-02-QT2-2022

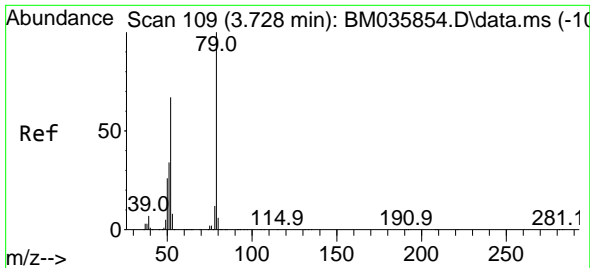
Tgt Ion:152 Resp: 318409
 Ion Ratio Lower Upper
 152 100
 150 161.5 124.9 187.3
 115 62.3 47.9 71.9



#2
 1,4-Dioxane
 Concen: 8.883 ng
 RT: 3.316 min Scan# 39
 Delta R.T. -0.006 min
 Lab File: BM035866.D
 Acq: 19 Jul 2022 16:02

Tgt Ion: 88 Resp: 75408
 Ion Ratio Lower Upper
 88 100
 58 74.7 62.3 93.5
 43 28.8 28.7 43.1

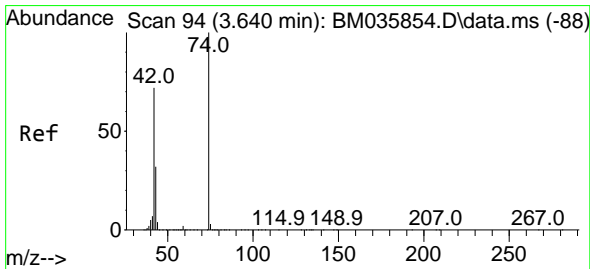
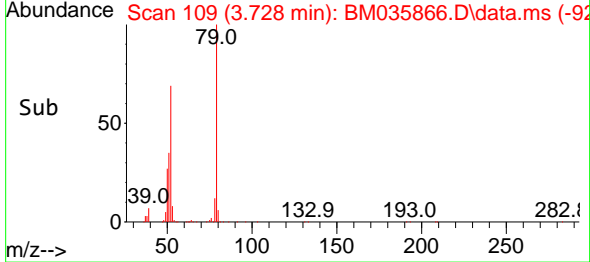
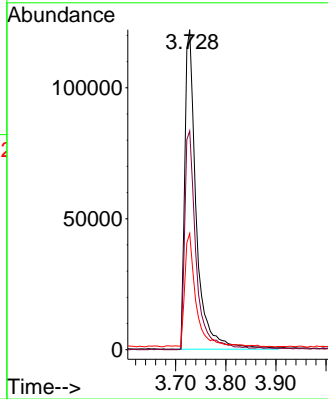
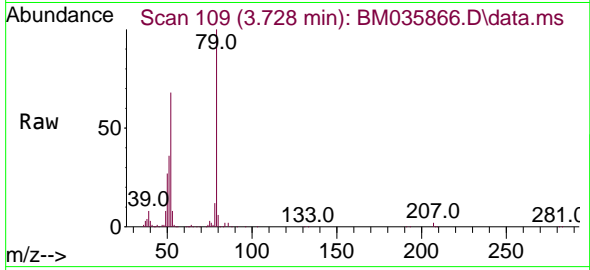




#3
 Pyridine
 Concen: 8.675 ng
 RT: 3.728 min Scan# 10
 Delta R.T. 0.000 min
 Lab File: BM035866.D
 Acq: 19 Jul 2022 16:02

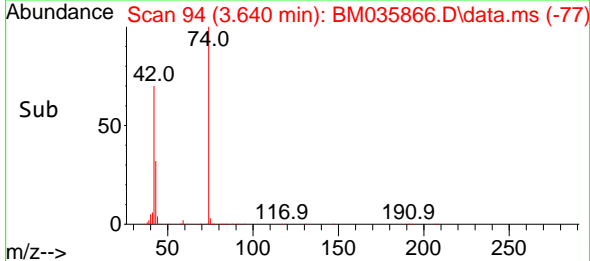
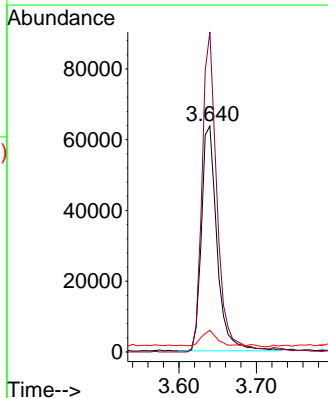
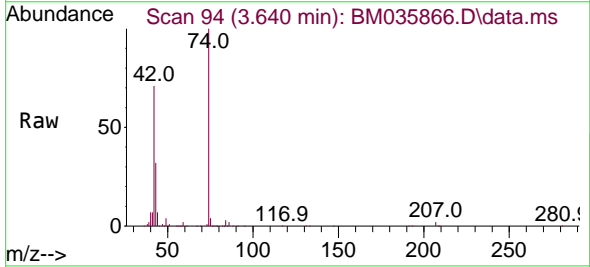
Instrument :
 BNA_M
 ClientSampleId :
 LOQ-SOIL-02-QT2-2022

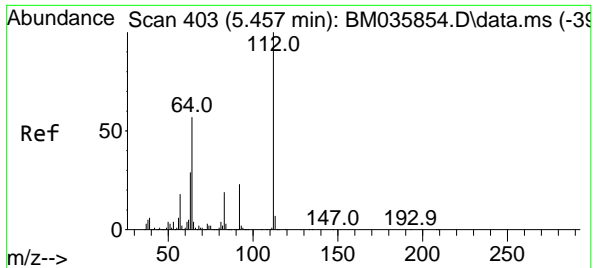
Tgt Ion: 79 Resp: 195734
 Ion Ratio Lower Upper
 79 100
 52 68.3 61.9 92.9
 51 36.3 33.5 50.3



#4
 n-Nitrosodimethylamine
 Concen: 9.393 ng
 RT: 3.640 min Scan# 94
 Delta R.T. 0.000 min
 Lab File: BM035866.D
 Acq: 19 Jul 2022 16:02

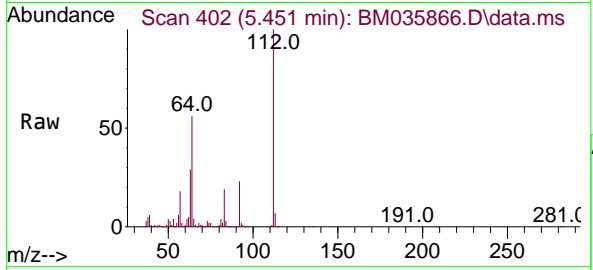
Tgt Ion: 42 Resp: 88562
 Ion Ratio Lower Upper
 42 100
 74 141.6 81.6 122.4#
 44 9.5 5.2 7.8#





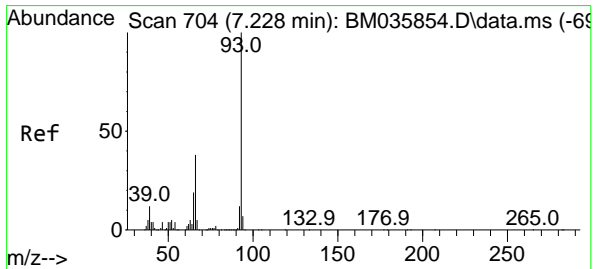
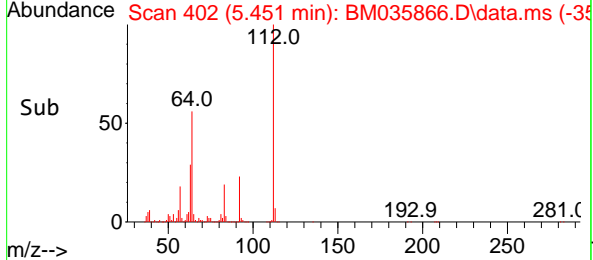
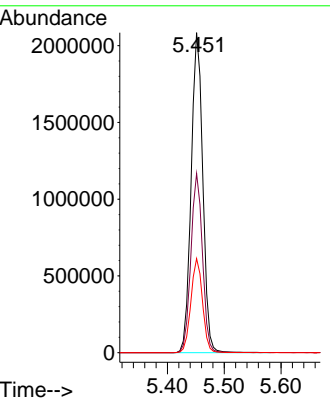
#5
 2-Fluorophenol
 Concen: 144.401 ng
 RT: 5.451 min Scan# 401
 Delta R.T. -0.006 min
 Lab File: BM035866.D
 Acq: 19 Jul 2022 16:02

Instrument : BNA_M
 ClientSampleId : LOQ-SOIL-02-QT2-2022



Tgt Ion: 112 Resp: 2965784

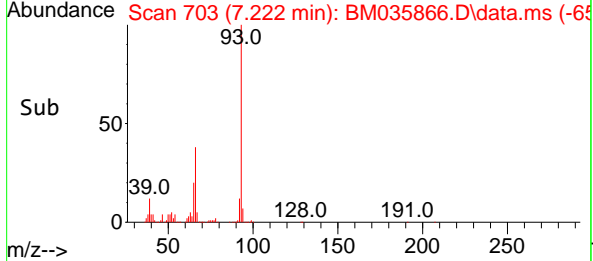
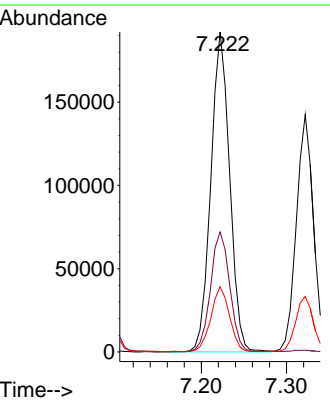
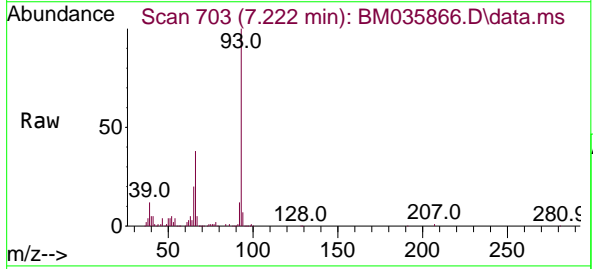
Ion	Ratio	Lower	Upper
112	100		
64	56.0	47.8	71.6
63	29.4	26.6	40.0

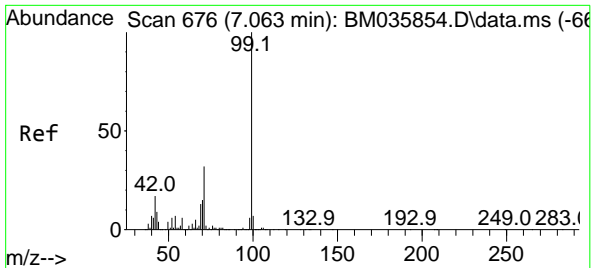


#6
 Aniline
 Concen: 10.385 ng
 RT: 7.222 min Scan# 703
 Delta R.T. -0.006 min
 Lab File: BM035866.D
 Acq: 19 Jul 2022 16:02

Tgt Ion: 93 Resp: 294548

Ion	Ratio	Lower	Upper
93	100		
66	37.5	32.6	49.0
65	20.4	16.8	25.2



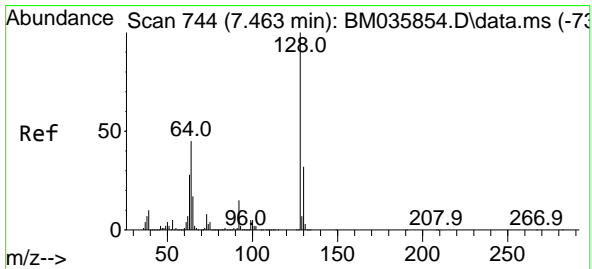
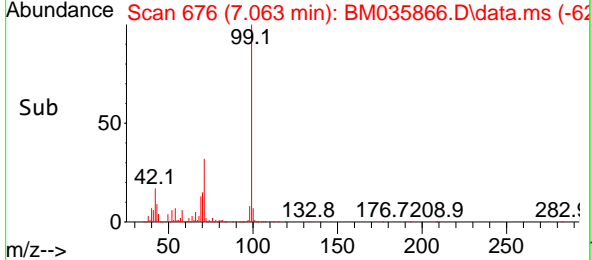
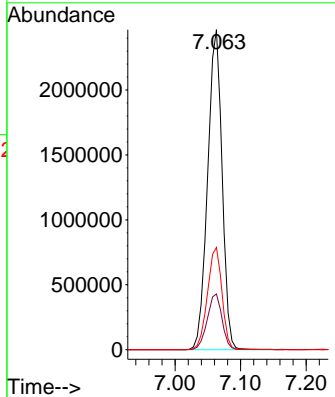
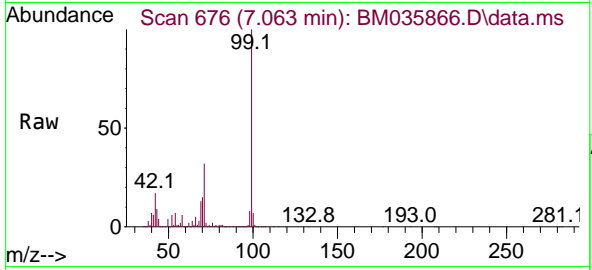


#7
 Phenol-d6
 Concen: 146.326 ng
 RT: 7.063 min Scan# 61
 Delta R.T. 0.000 min
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Instrument : BNA_M
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Tgt Ion: 99 Resp: 3779149

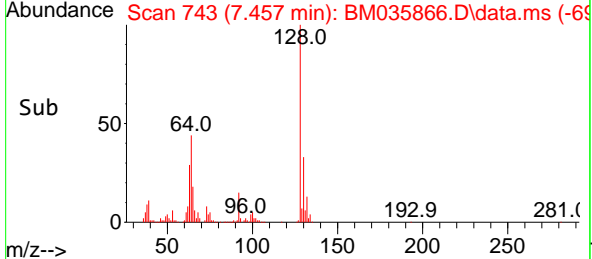
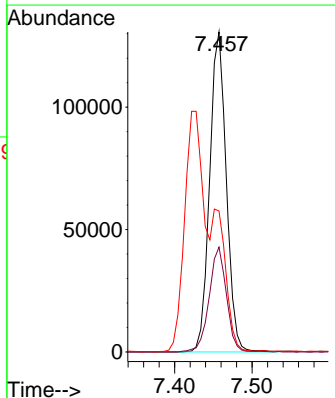
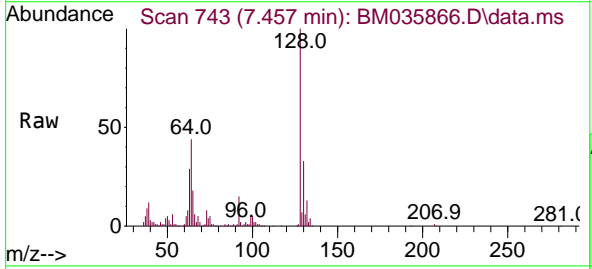
Ion	Ratio	Lower	Upper
99	100		
42	17.4	18.8	28.2
71	32.0	30.2	45.2

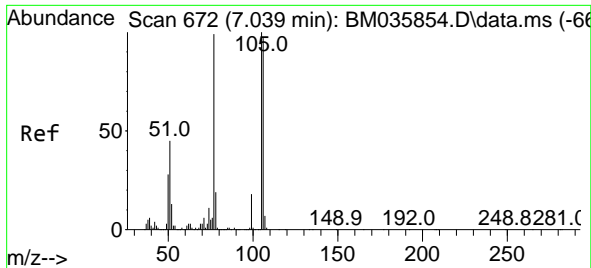


#8
 2-Chlorophenol
 Concen: 9.186 ng
 RT: 7.457 min Scan# 743
 Delta R.T. -0.006 min
 Lab File: BM035866.D
 Acq: 19 Jul 2022 16:02

Tgt Ion: 128 Resp: 194949

Ion	Ratio	Lower	Upper
128	100		
130	32.8	10.9	50.9
64	44.0	28.2	68.2

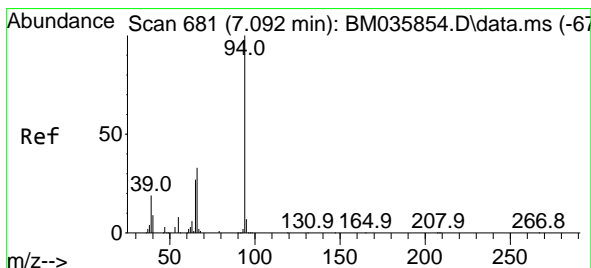
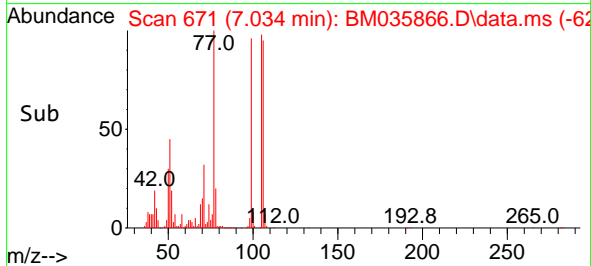
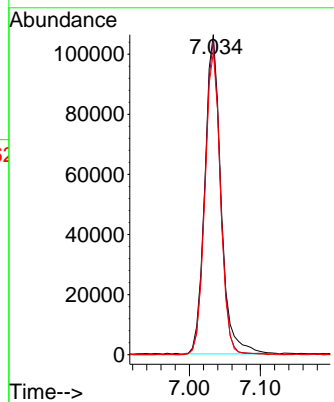
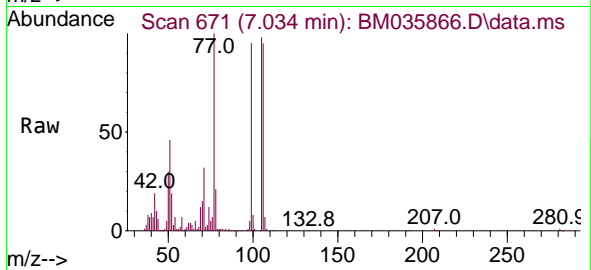




#9
Benzaldehyde
Concen: 11.681 ng
RT: 7.034 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM035866.D
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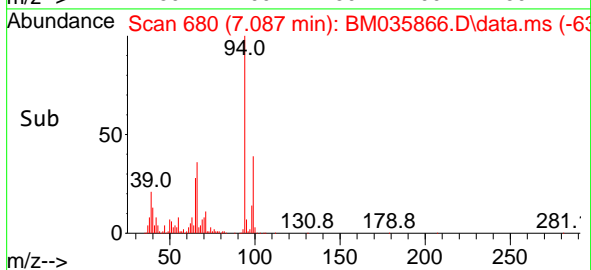
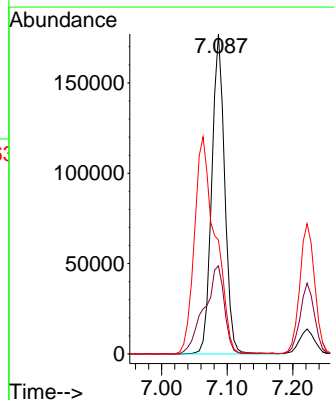
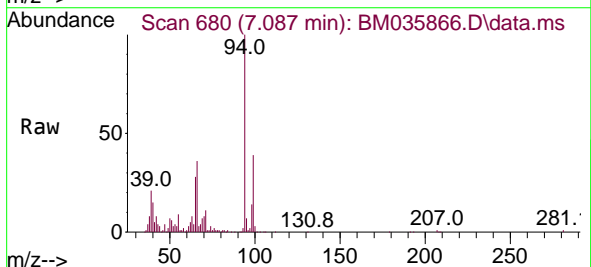
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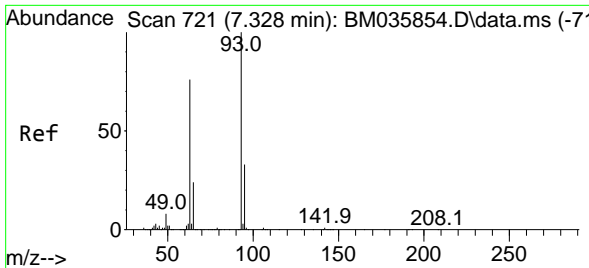
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Ion Ratio Lower Upper
77 100
105 98.3 76.3 116.3
106 94.5 69.0 109.0



#10
Phenol
Concen: 9.356 ng
RT: 7.087 min Scan# 680
Delta R.T. -0.006 min
Lab File: BM035866.D
Acq: 19 Jul 2022 16:02

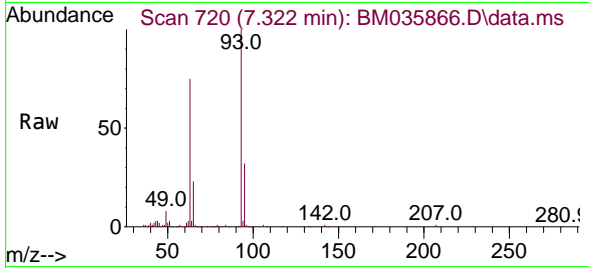
Tgt Ion: 94 Resp: 243370
Ion Ratio Lower Upper
94 100
65 27.5 11.4 51.4
66 35.6 21.4 61.4



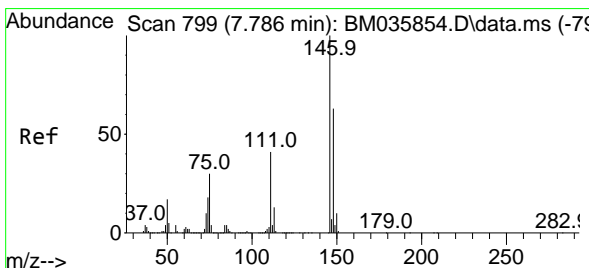
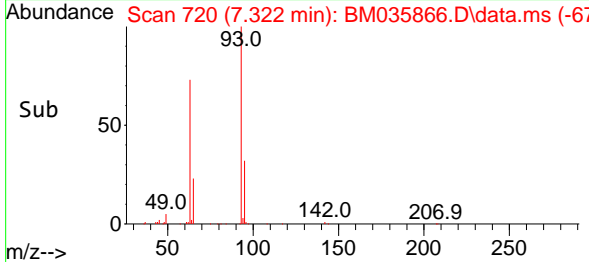
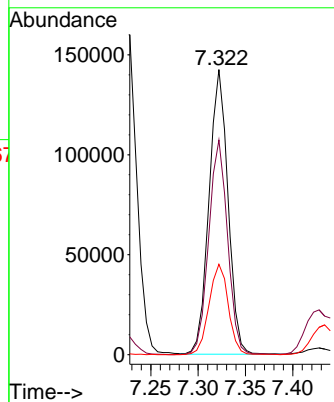


#11
 bis(2-Chloroethyl)ether
 Concen: 9.410 ng
 RT: 7.322 min Scan# 718
 Delta R.T. -0.006 min
 Lab File: BM035866.D
 Acq: 19 Jul 2022 16:02

Instrument : BNA_M
 ClientSampleId : LOQ-SOIL-02-QT2-2022

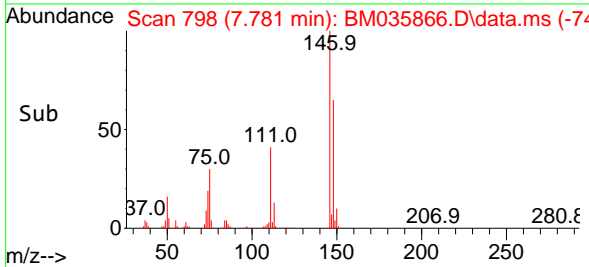
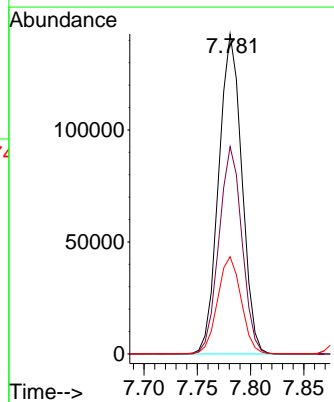
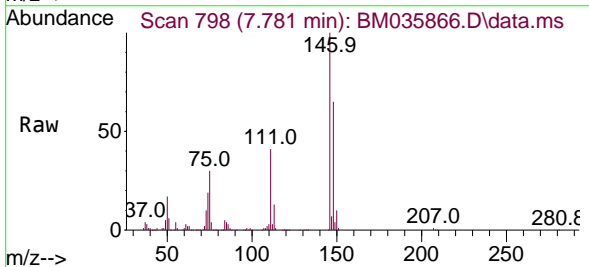


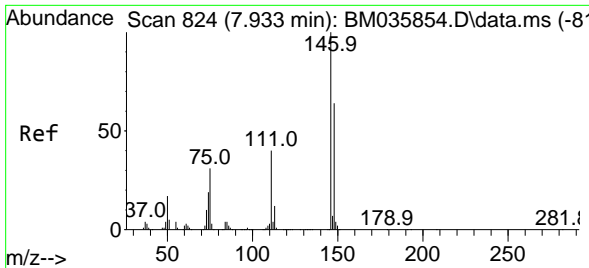
Tgt Ion: 93 Resp: 197481
 Ion Ratio Lower Upper
 93 100
 63 75.3 60.6 100.6
 95 31.7 13.2 53.2



#12
 1,3-Dichlorobenzene
 Concen: 9.099 ng
 RT: 7.781 min Scan# 798
 Delta R.T. -0.006 min
 Lab File: BM035866.D
 Acq: 19 Jul 2022 16:02

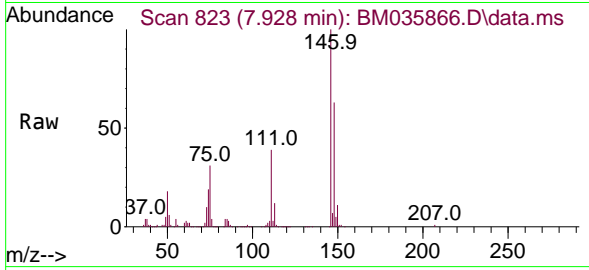
Tgt Ion:146 Resp: 215402
 Ion Ratio Lower Upper
 146 100
 148 64.8 50.7 76.1
 75 30.4 26.1 39.1



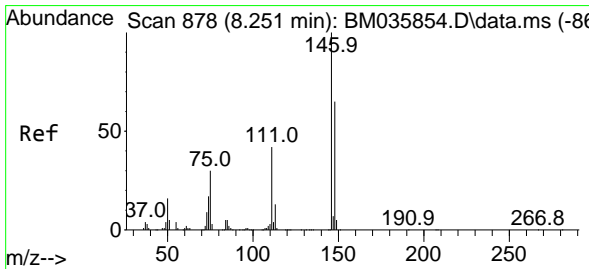
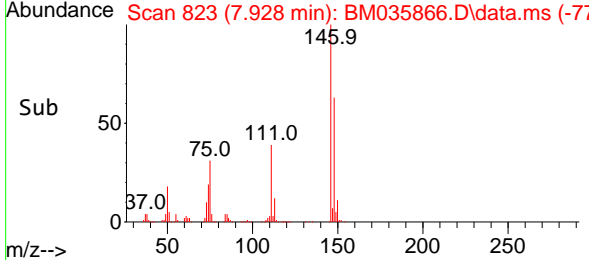
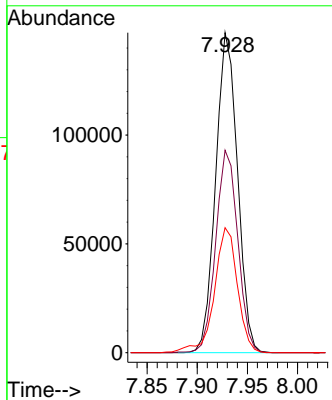


#13
 1,4-Dichlorobenzene
 Concen: 9.217 ng
 RT: 7.928 min Scan# 811
 Delta R.T. -0.006 min
 Lab File: BM035866.D
 Acq: 19 Jul 2022 16:02

Instrument : BNA_M
 ClientSampleId : LOQ-SOIL-02-QT2-2022

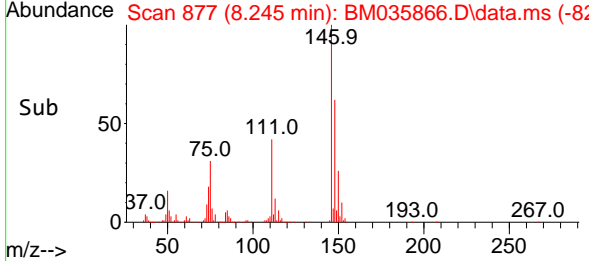
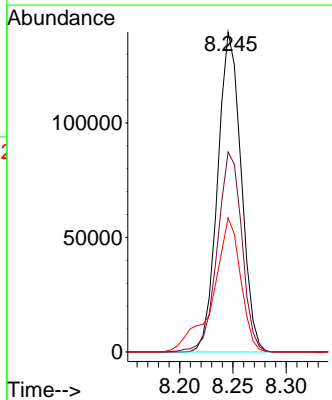
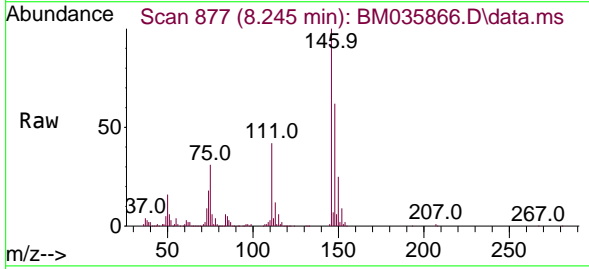


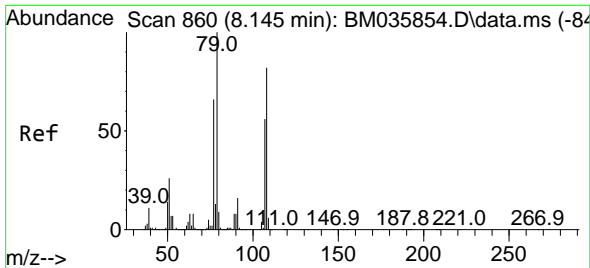
Tgt Ion:146 Resp: 222151
 Ion Ratio Lower Upper
 146 100
 148 63.2 51.5 77.3
 111 39.1 32.5 48.7



#14
 1,2-Dichlorobenzene
 Concen: 9.160 ng
 RT: 8.245 min Scan# 877
 Delta R.T. -0.006 min
 Lab File: BM035866.D
 Acq: 19 Jul 2022 16:02

Tgt Ion:146 Resp: 213544
 Ion Ratio Lower Upper
 146 100
 148 62.5 50.7 76.1
 111 41.9 33.9 50.9



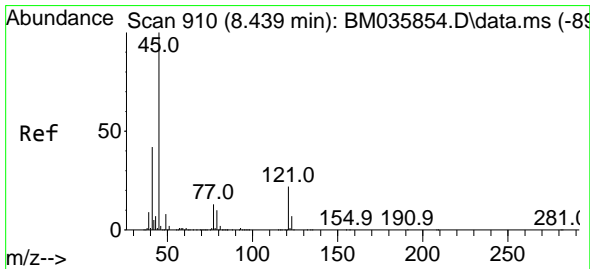
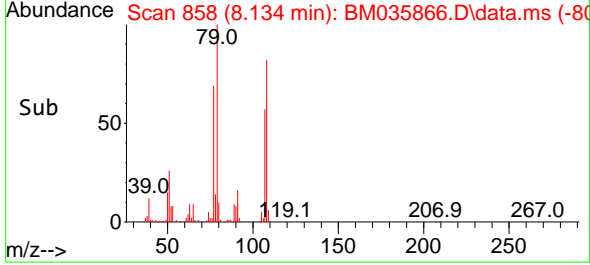
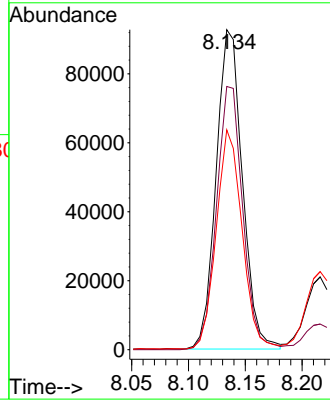
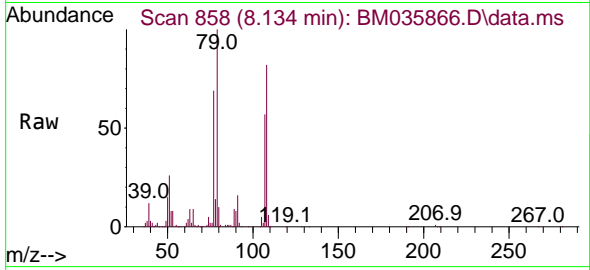


#15
 Benzyl Alcohol
 Concen: 8.763 ng
 RT: 8.134 min Scan# 811
 Delta R.T. -0.012 min
 Lab File: BM035866.D
 Acq: 19 Jul 2022 16:02

Instrument : BNA_M
 ClientSampleId : LOQ-SOIL-02-QT2-2022

Tgt Ion: 79 Resp: 149115

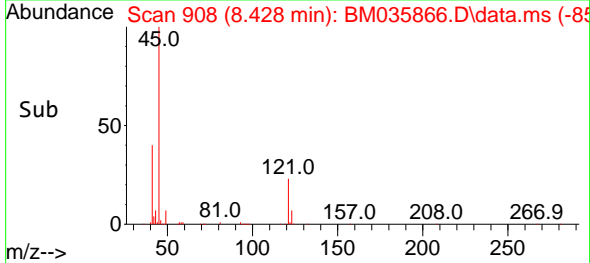
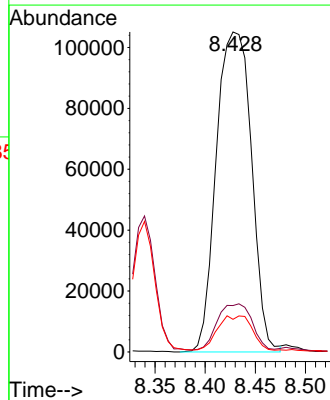
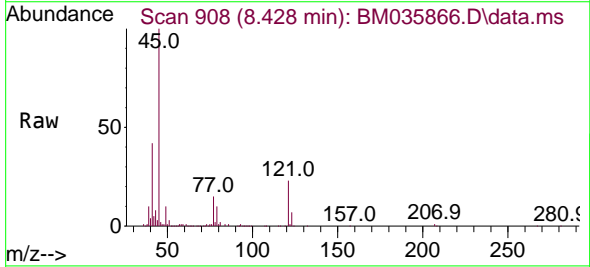
Ion	Ratio	Lower	Upper
79	100		
108	82.2	59.0	88.4
77	68.7	52.2	78.4

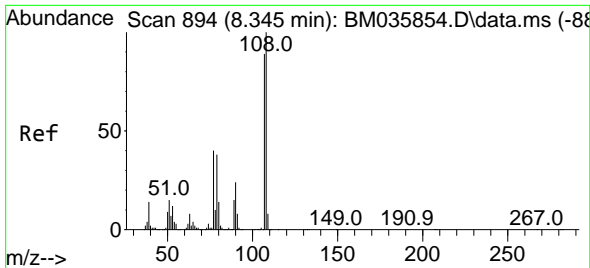


#16
 2,2'-oxybis(1-Chloropropane)
 Concen: 9.385 ng
 RT: 8.428 min Scan# 908
 Delta R.T. -0.012 min
 Lab File: BM035866.D
 Acq: 19 Jul 2022 16:02

Tgt Ion: 45 Resp: 256418

Ion	Ratio	Lower	Upper
45	100		
77	14.5	0.0	33.1
79	10.2	0.0	30.5



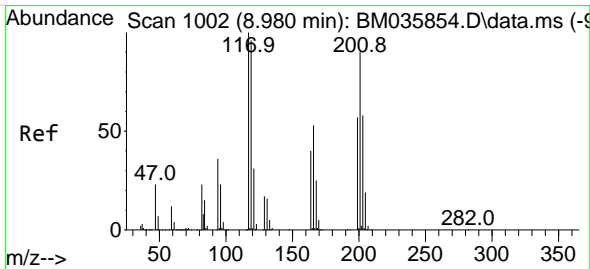
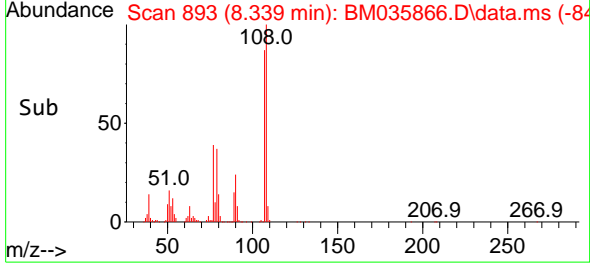
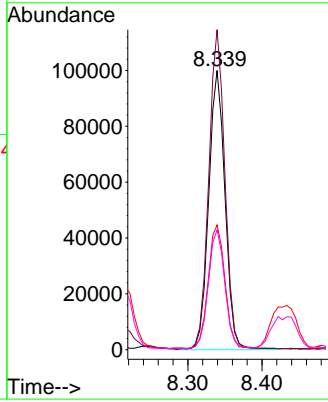
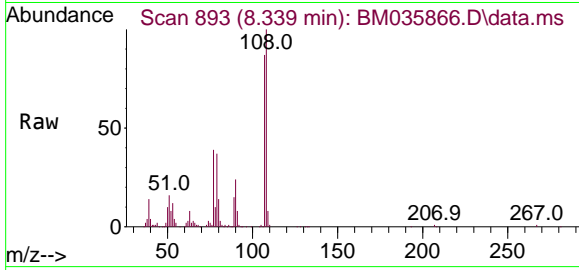


#17
 2-Methylphenol
 Concen: 9.064 ng
 RT: 8.339 min Scan# 894
 Delta R.T. -0.006 min
 Lab File: BM035866.D
 Acq: 19 Jul 2022 16:02

Instrument : BNA_M
 ClientSampleId : LOQ-SOIL-02-QT2-2022

Tgt Ion:107 Resp: 153058

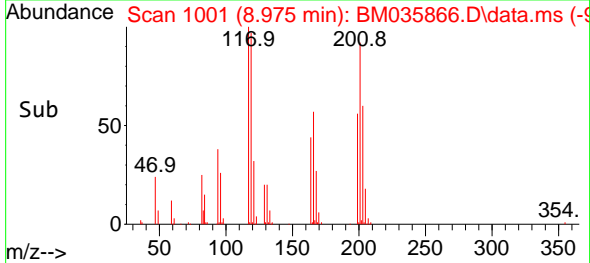
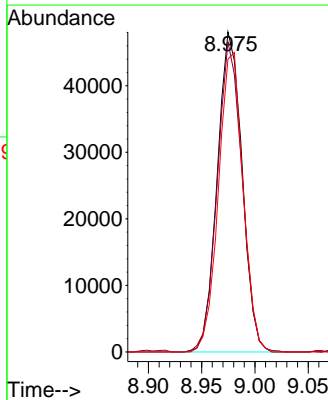
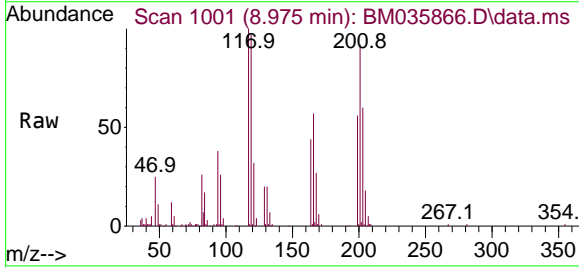
Ion	Ratio	Lower	Upper
107	100		
108	114.6	88.7	133.1
77	44.7	40.6	60.8
79	42.9	38.4	57.6

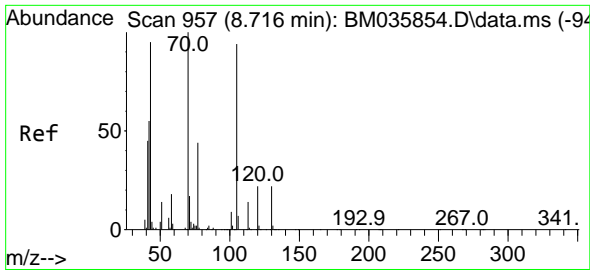


#18
 Hexachloroethane
 Concen: 8.971 ng
 RT: 8.975 min Scan# 1001
 Delta R.T. -0.006 min
 Lab File: BM035866.D
 Acq: 19 Jul 2022 16:02

Tgt Ion:117 Resp: 77792

Ion	Ratio	Lower	Upper
117	100		
119	96.8	75.8	113.6
201	91.5	81.0	121.4

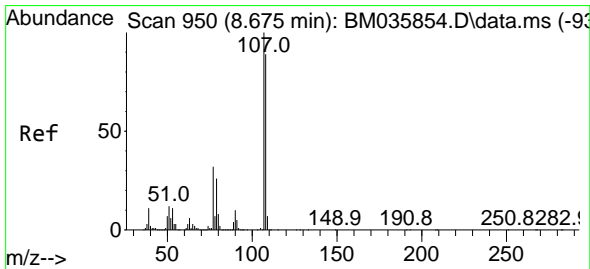
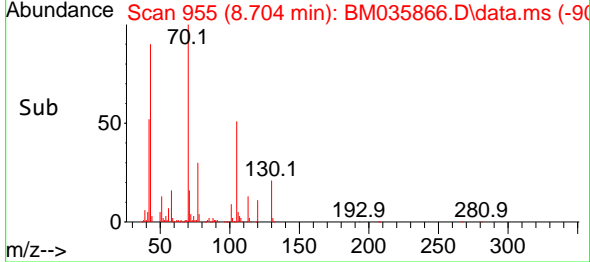
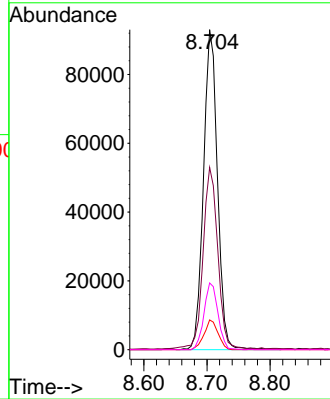
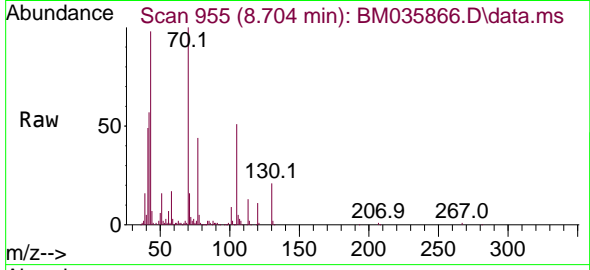




#19
 n-Nitroso-di-n-propylamine
 Concen: 9.536 ng
 RT: 8.704 min Scan# 911
 Delta R.T. -0.012 min
 Lab File: BM035866.D
 Acq: 19 Jul 2022 16:02

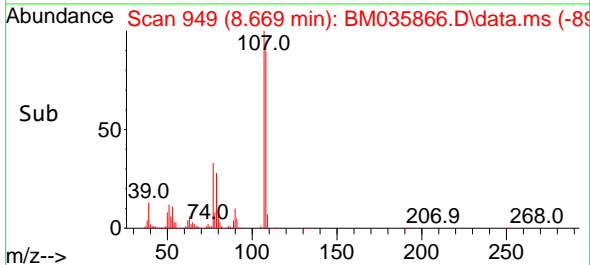
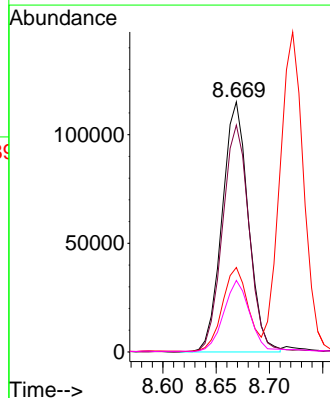
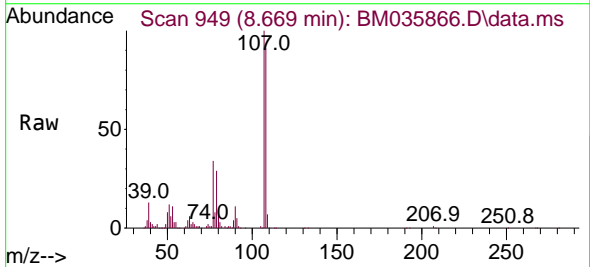
Instrument : BNA_M
 ClientSampleId : LOQ-SOIL-02-QT2-2022

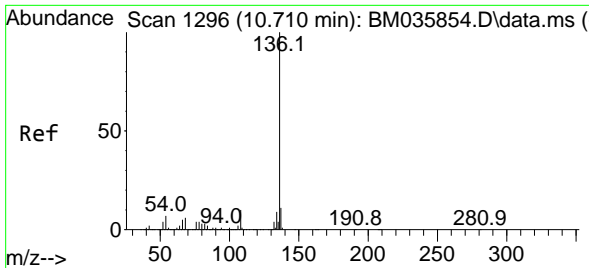
Tgt Ion: 70 Resp: 142790
 Ion Ratio Lower Upper
 70 100
 42 57.0 55.4 83.2
 101 9.3 7.8 11.6
 130 20.9 17.0 25.6



#20
 3+4-Methylphenols
 Concen: 8.640 ng
 RT: 8.669 min Scan# 949
 Delta R.T. -0.006 min
 Lab File: BM035866.D
 Acq: 19 Jul 2022 16:02

Tgt Ion: 107 Resp: 197187
 Ion Ratio Lower Upper
 107 100
 108 90.7 69.3 109.3
 77 33.8 15.8 55.8
 79 28.6 12.3 52.3



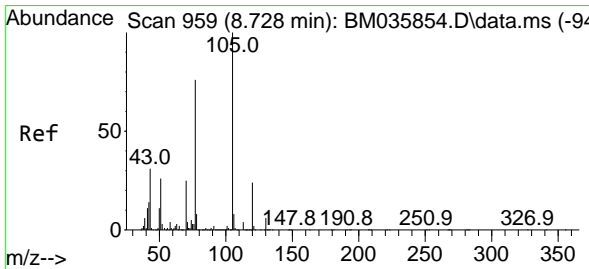
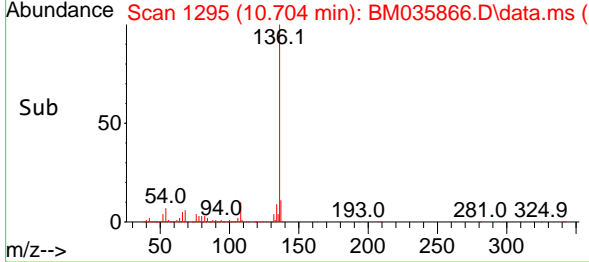
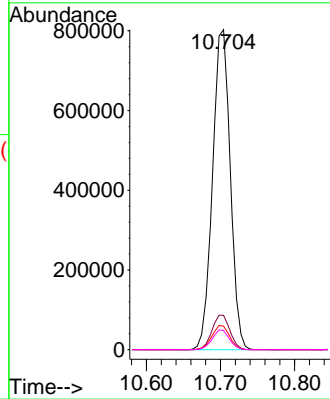
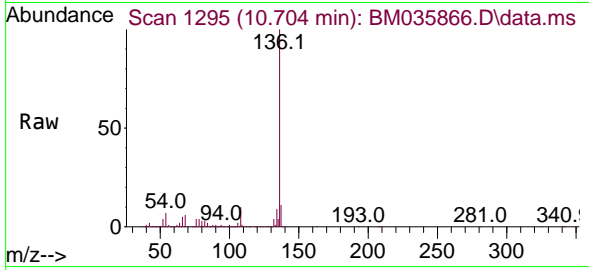


#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 10.704 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BM035866.D
 Acq: 19 Jul 2022 16:02

Instrument :
 BNA_M
 ClientSampleId :
 LOQ-SOIL-02-QT2-2022

Tgt Ion:136 Resp: 1332104

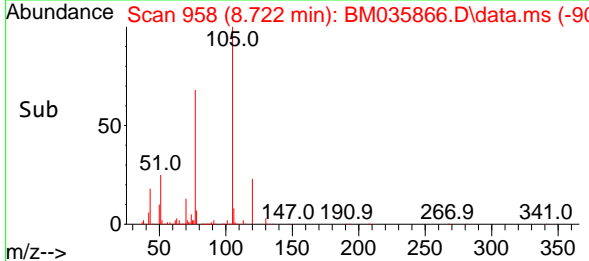
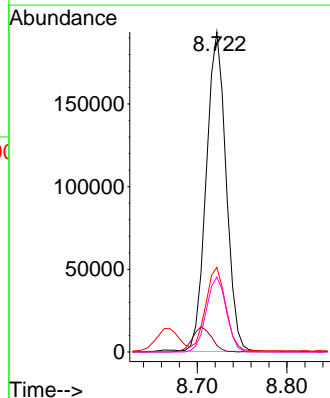
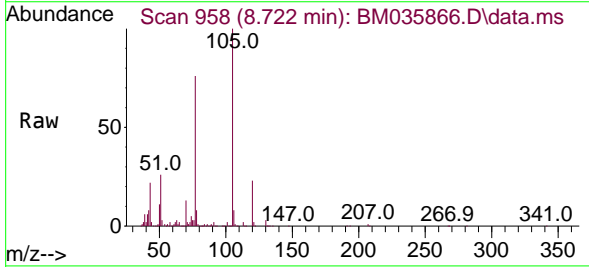
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	7.3	7.0	10.4
68	6.0	4.3	6.5

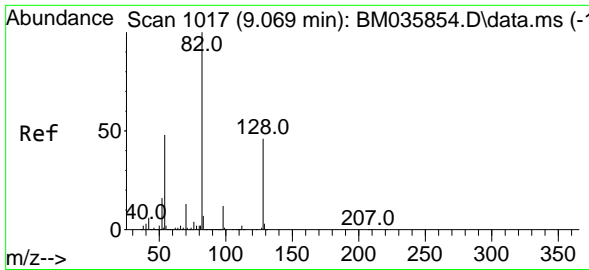


#22
 Acetophenone
 Concen: 8.987 ng
 RT: 8.722 min Scan# 958
 Delta R.T. -0.006 min
 Lab File: BM035866.D
 Acq: 19 Jul 2022 16:02

Tgt Ion:105 Resp: 295876

Ion	Ratio	Lower	Upper
105	100		
71	2.1	5.0	7.4#
51	26.4	25.6	38.4
120	23.4	17.8	26.8



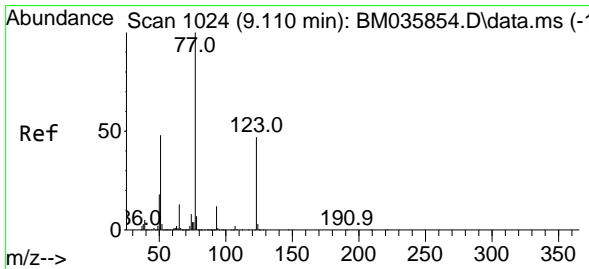
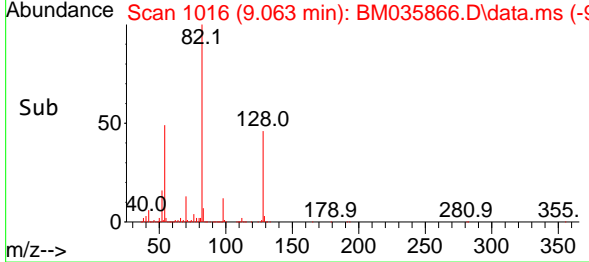
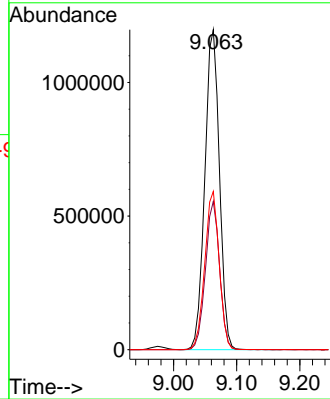
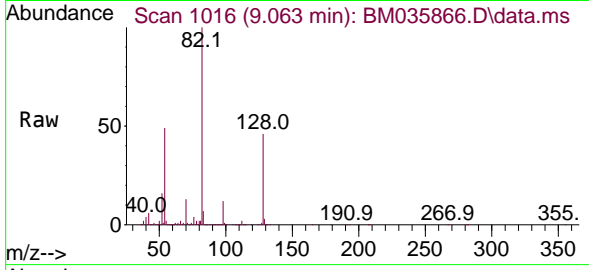


#23
 Nitrobenzene-d5
 Concen: 77.204 ng
 RT: 9.063 min Scan# 1016
 Delta R.T. -0.006 min
 Lab File: BM035866.D
 Acq: 19 Jul 2022 16:02

Instrument : BNA_M
 ClientSampleId : LOQ-SOIL-02-QT2-2022

Tgt Ion: 82 Resp: 1922909

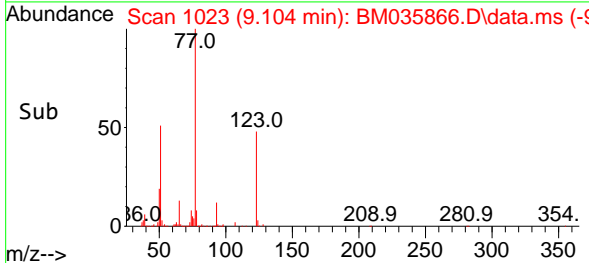
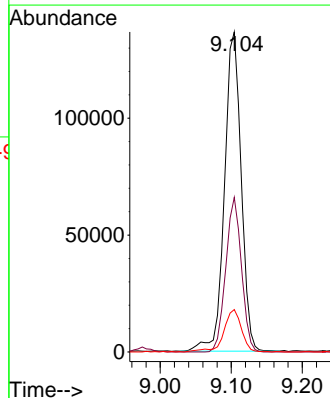
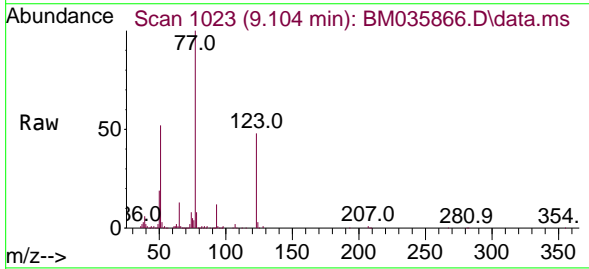
Ion	Ratio	Lower	Upper
82	100		
128	46.3	33.7	50.5
54	49.5	43.2	64.8

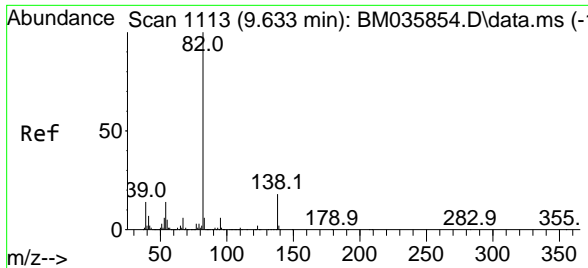


#24
 Nitrobenzene
 Concen: 9.503 ng
 RT: 9.104 min Scan# 1023
 Delta R.T. -0.006 min
 Lab File: BM035866.D
 Acq: 19 Jul 2022 16:02

Tgt Ion: 77 Resp: 222305

Ion	Ratio	Lower	Upper
77	100		
123	48.3	36.2	54.4
65	13.3	11.4	17.0



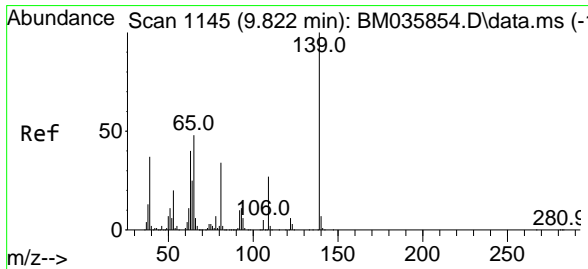
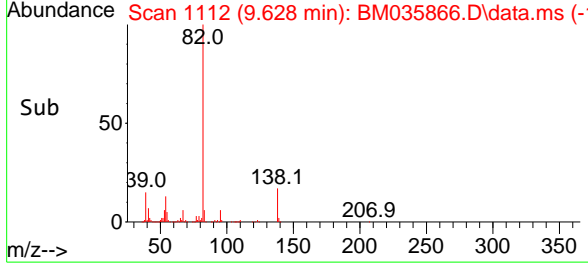
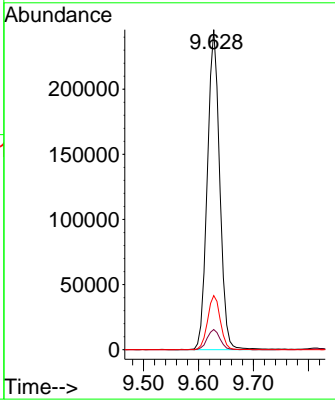
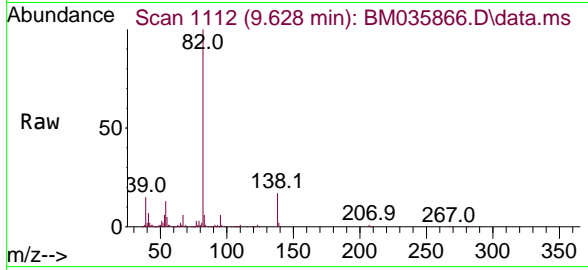


#25
 Isophorone
 Concen: 9.861 ng
 RT: 9.628 min Scan# 1112
 Delta R.T. -0.006 min
 Lab File: BM035866.D
 Acq: 19 Jul 2022 16:02

Instrument : BNA_M
 ClientSampleId : LOQ-SOIL-02-QT2-2022

Tgt Ion: 82 Resp: 384202

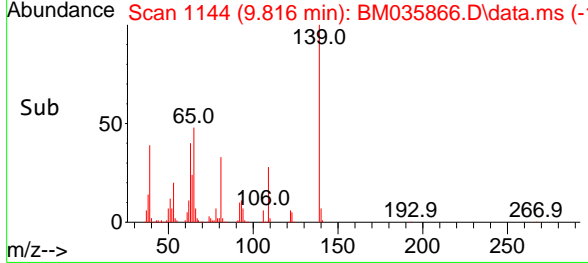
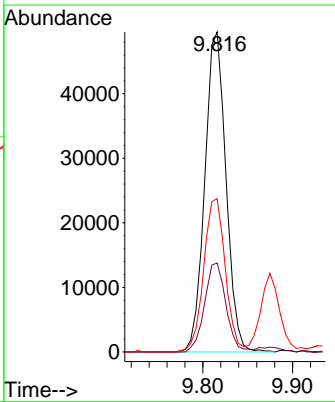
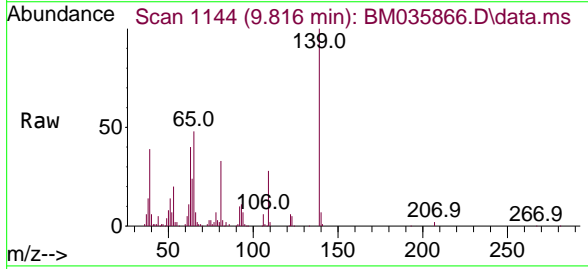
Ion	Ratio	Lower	Upper
82	100		
95	6.3	6.4	9.6#
138	16.9	14.2	21.4

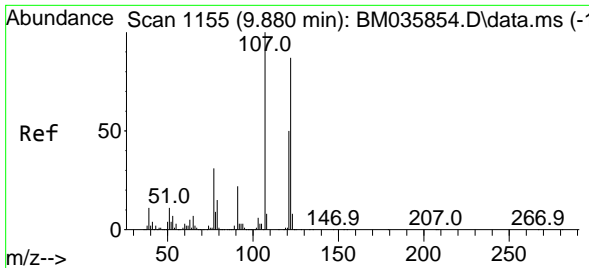


#26
 2-Nitrophenol
 Concen: 7.717 ng
 RT: 9.816 min Scan# 1144
 Delta R.T. -0.006 min
 Lab File: BM035866.D
 Acq: 19 Jul 2022 16:02

Tgt Ion: 139 Resp: 81326

Ion	Ratio	Lower	Upper
139	100		
109	27.8	25.6	38.4
65	47.9	43.2	64.8



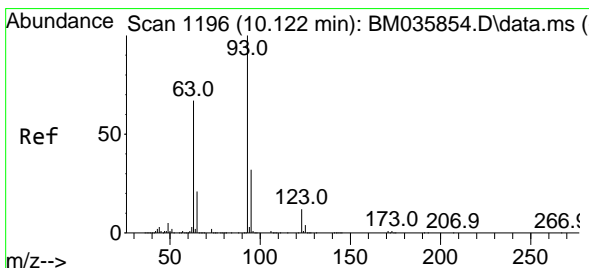
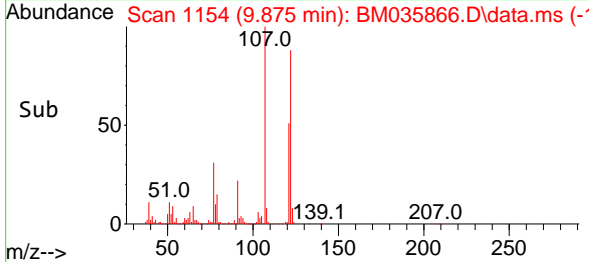
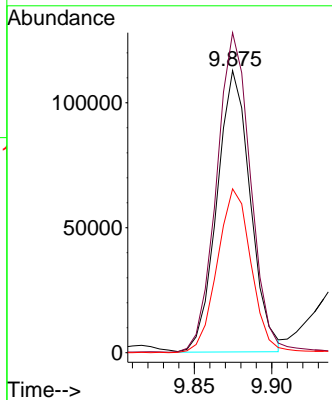
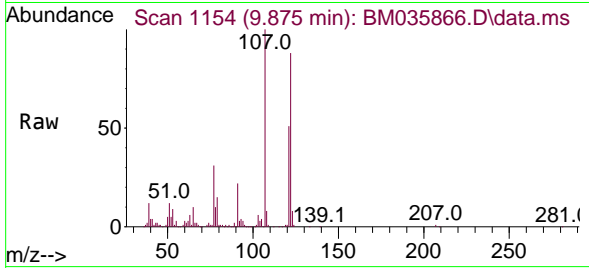


#27
 2,4-Dimethylphenol
 Concen: 10.144 ng
 RT: 9.875 min Scan# 1154
 Delta R.T. -0.006 min
 Lab File: BM035866.D
 Acq: 19 Jul 2022 16:02

Instrument : BNA_M
 ClientSampleId : LOQ-SOIL-02-QT2-2022

Tgt Ion:122 Resp: 168623

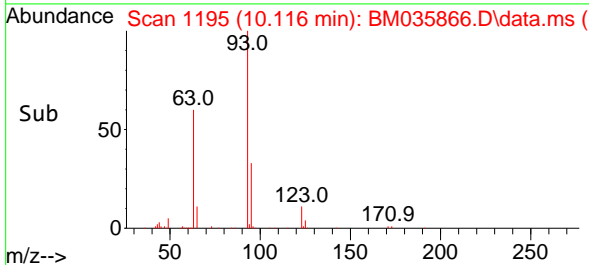
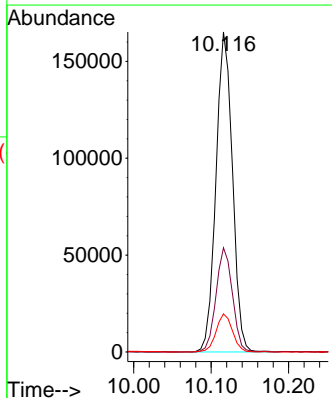
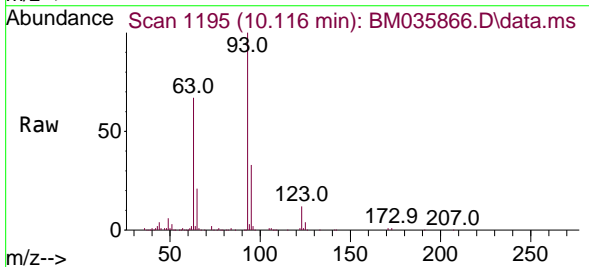
Ion	Ratio	Lower	Upper
122	100		
107	113.4	92.4	138.6
121	58.1	47.4	71.0

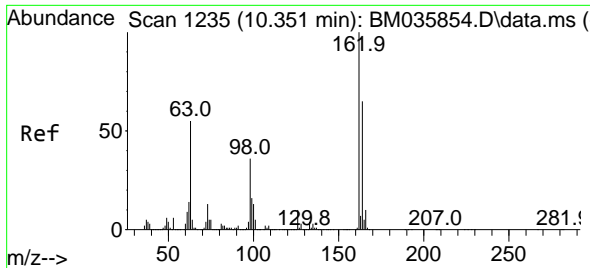


#28
 bis(2-Chloroethoxy)methane
 Concen: 9.031 ng
 RT: 10.116 min Scan# 1195
 Delta R.T. -0.006 min
 Lab File: BM035866.D
 Acq: 19 Jul 2022 16:02

Tgt Ion: 93 Resp: 244912

Ion	Ratio	Lower	Upper
93	100		
95	32.6	26.1	39.1
123	11.9	9.0	13.4

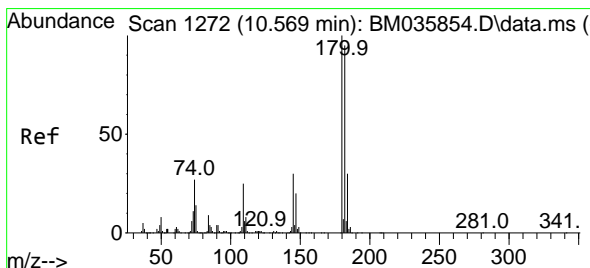
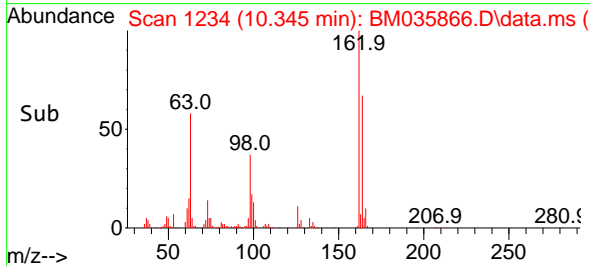
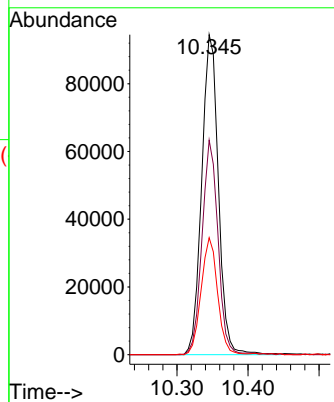
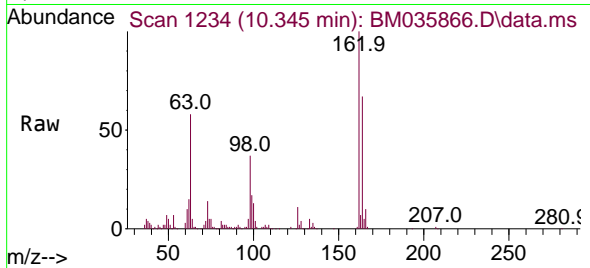




#29
 2,4-Dichlorophenol
 Concen: 8.404 ng
 RT: 10.345 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BM035866.D
 Acq: 19 Jul 2022 16:02

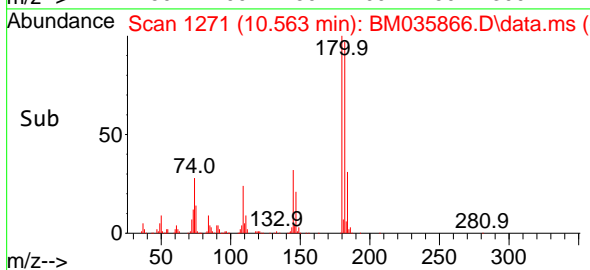
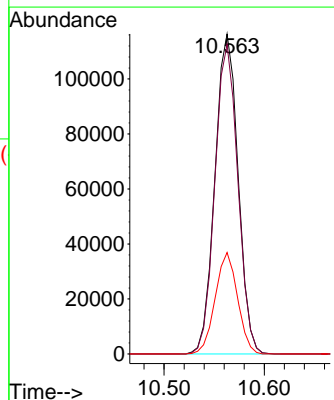
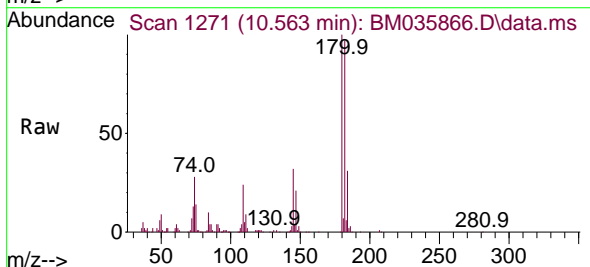
Instrument :
 BNA_M
 ClientSampleId :
 LOQ-SOIL-02-QT2-2022

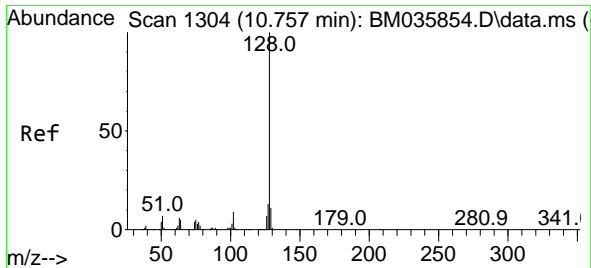
Tgt Ion:162 Resp: 154893
 Ion Ratio Lower Upper
 162 100
 164 67.0 44.2 84.2
 98 36.6 15.0 55.0



#30
 1,2,4-Trichlorobenzene
 Concen: 8.770 ng
 RT: 10.563 min Scan# 1271
 Delta R.T. -0.006 min
 Lab File: BM035866.D
 Acq: 19 Jul 2022 16:02

Tgt Ion:180 Resp: 186547
 Ion Ratio Lower Upper
 180 100
 182 96.7 77.9 116.9
 145 31.7 25.0 37.6

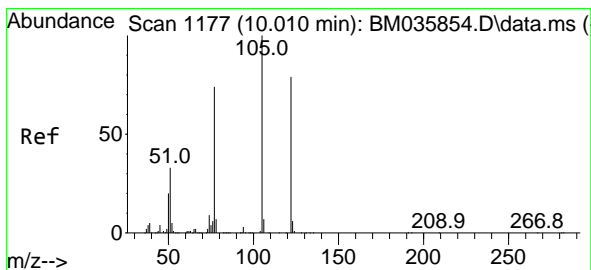
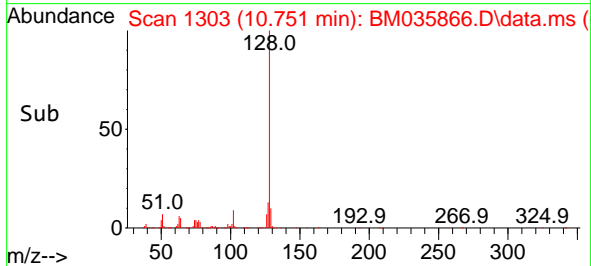
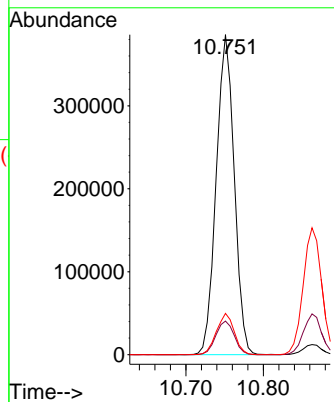
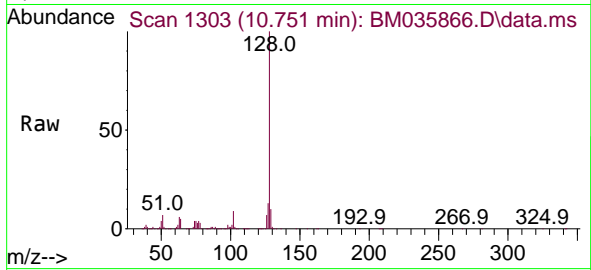




#31
 Naphthalene
 Concen: 9.221 ng
 RT: 10.751 min Scan# 1119
 Delta R.T. -0.006 min
 Lab File: BM035866.D
 Acq: 19 Jul 2022 16:02

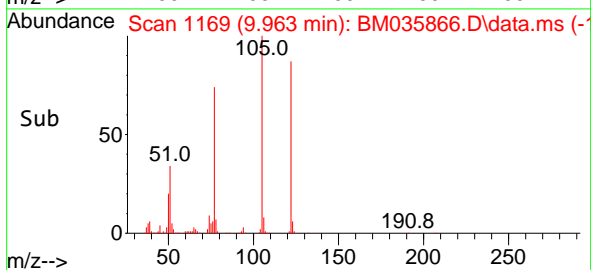
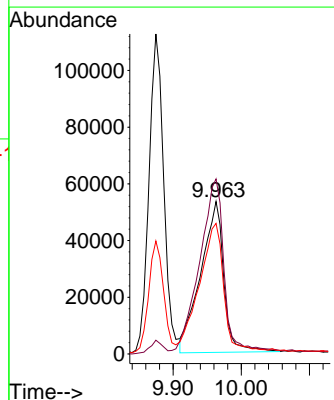
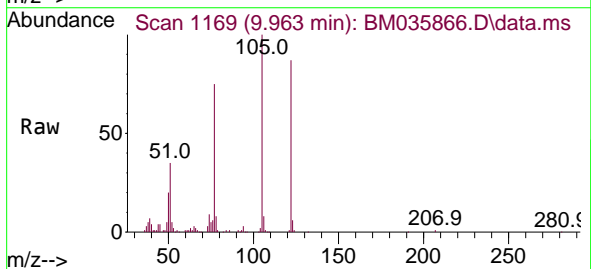
Instrument :
 BNA_M
 ClientSampleId :
 LOQ-SOIL-02-QT2-2022

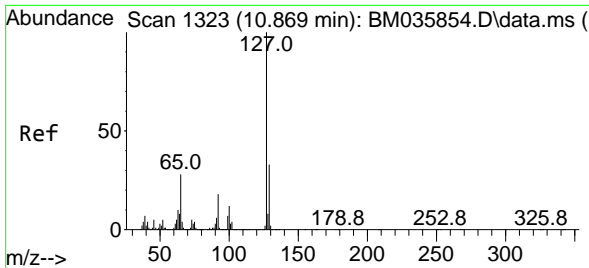
Tgt Ion:128 Resp: 624103
 Ion Ratio Lower Upper
 128 100
 129 10.5 8.7 13.1
 127 12.9 10.6 16.0



#32
 Benzoic acid
 Concen: 10.002 ng
 RT: 9.963 min Scan# 1169
 Delta R.T. -0.047 min
 Lab File: BM035866.D
 Acq: 19 Jul 2022 16:02

Tgt Ion:122 Resp: 125748
 Ion Ratio Lower Upper
 122 100
 105 114.7 105.7 145.7
 77 85.6 80.0 120.0



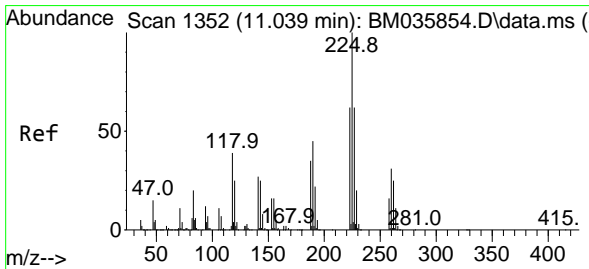
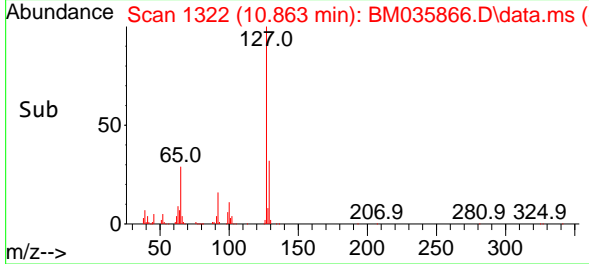
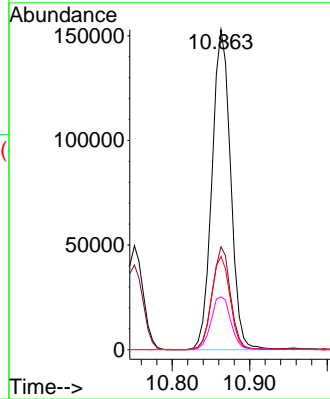
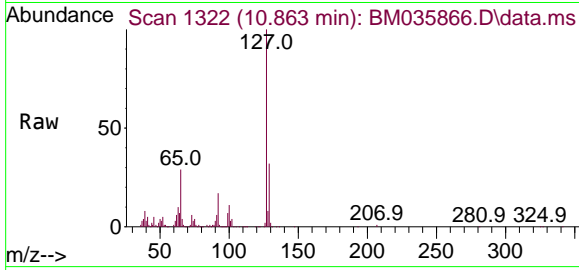


#33
 4-Chloroaniline
 Concen: 9.422 ng
 RT: 10.863 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BM035866.D
 Acq: 19 Jul 2022 16:02

Instrument :
 BNA_M
 ClientSampleId :
 LOQ-SOIL-02-QT2-2022

Tgt Ion:127 Resp: 255105

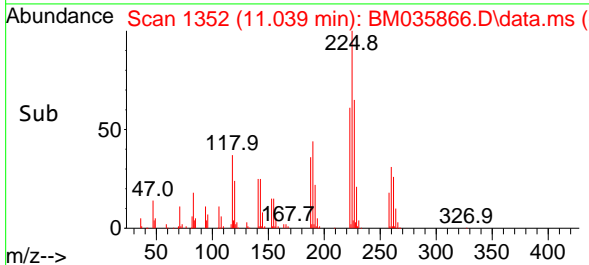
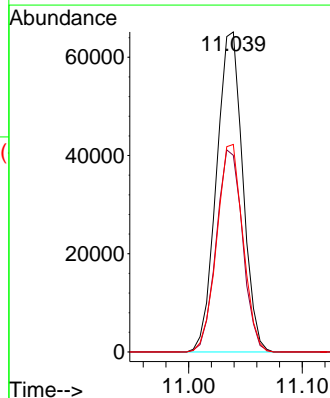
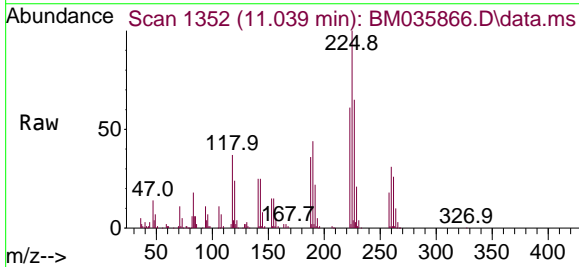
Ion	Ratio	Lower	Upper
127	100		
129	32.1	25.7	38.5
65	29.1	26.6	40.0
92	16.5	15.1	22.7

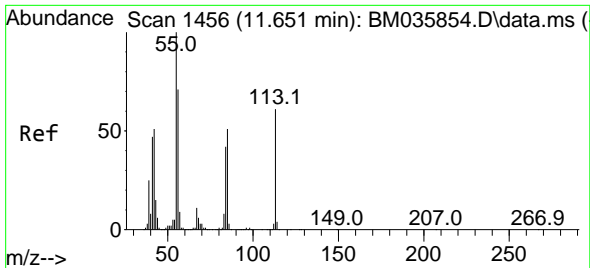


#34
 Hexachlorobutadiene
 Concen: 8.579 ng
 RT: 11.039 min Scan# 1352
 Delta R.T. 0.000 min
 Lab File: BM035866.D
 Acq: 19 Jul 2022 16:02

Tgt Ion:225 Resp: 104726

Ion	Ratio	Lower	Upper
225	100		
223	61.5	50.8	76.2
227	64.9	52.7	79.1

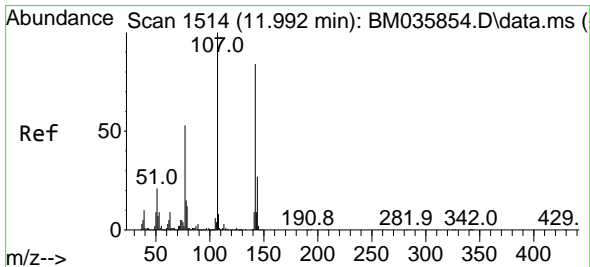
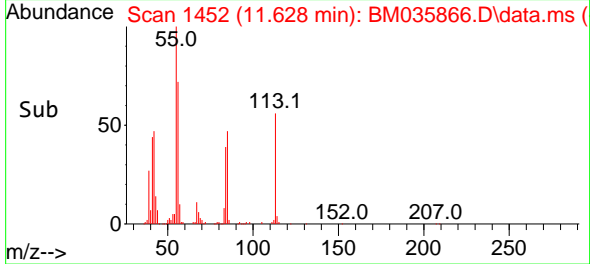
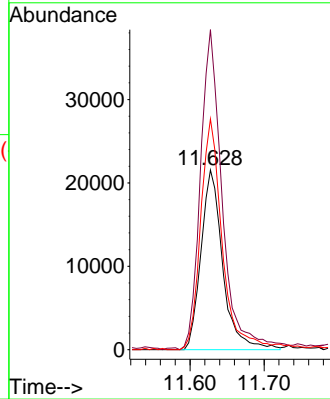
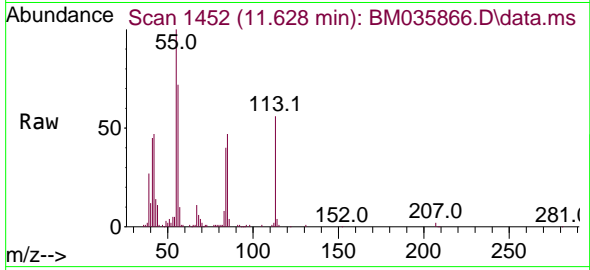




#35
 Caprolactam
 Concen: 7.804 ng
 RT: 11.628 min Scan# 14
 Delta R.T. -0.023 min
 Lab File: BM035866.D
 Acq: 19 Jul 2022 16:02

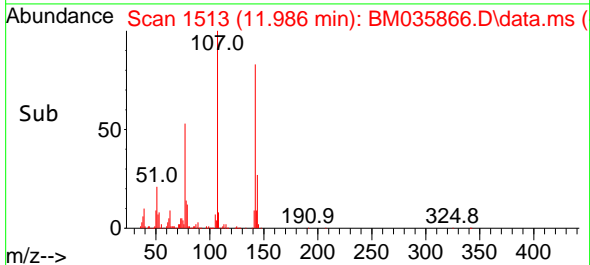
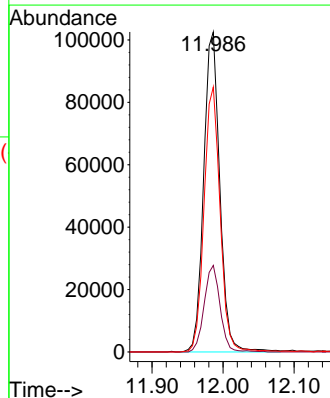
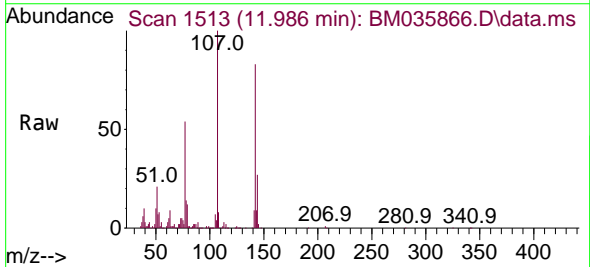
Instrument :
 BNA_M
 ClientSampleId :
 LOQ-SOIL-02-QT2-2022

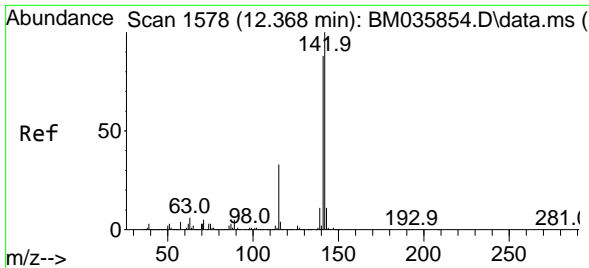
Tgt Ion:113 Resp: 43985
 Ion Ratio Lower Upper
 113 100
 55 178.1 150.1 190.1
 56 128.4 111.7 151.7



#36
 4-Chloro-3-methylphenol
 Concen: 8.597 ng
 RT: 11.986 min Scan# 1513
 Delta R.T. -0.006 min
 Lab File: BM035866.D
 Acq: 19 Jul 2022 16:02

Tgt Ion:107 Resp: 162463
 Ion Ratio Lower Upper
 107 100
 144 27.1 21.4 32.0
 142 82.8 66.7 100.1



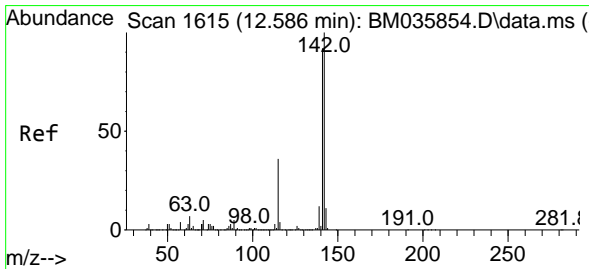
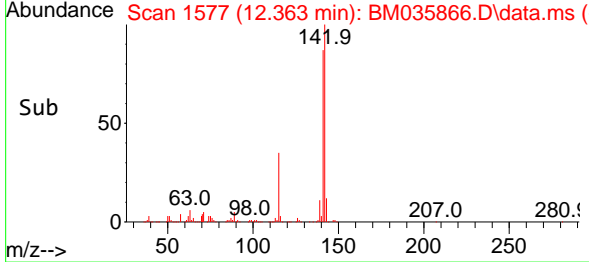
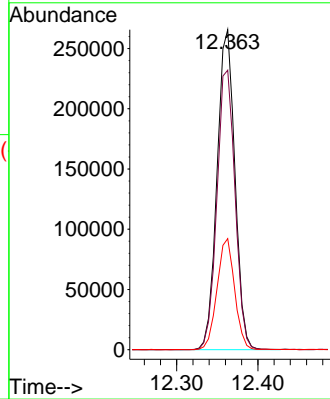
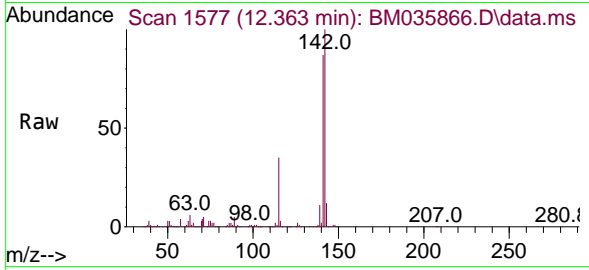


#37
 2-Methylnaphthalene
 Concen: 9.230 ng
 RT: 12.363 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BM035866.D
 Acq: 19 Jul 2022 16:02

Instrument :
 BNA_M
 ClientSampleId :
 LOQ-SOIL-02-QT2-2022

Tgt Ion:142 Resp: 406418

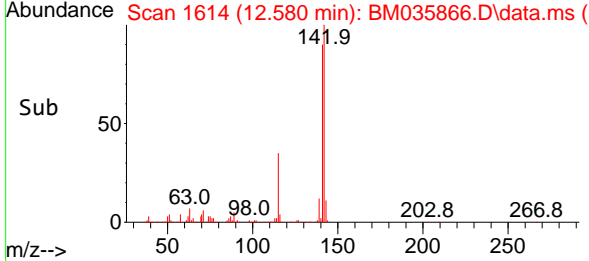
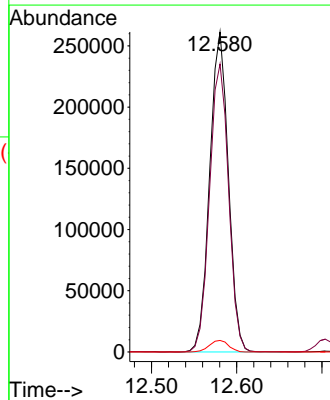
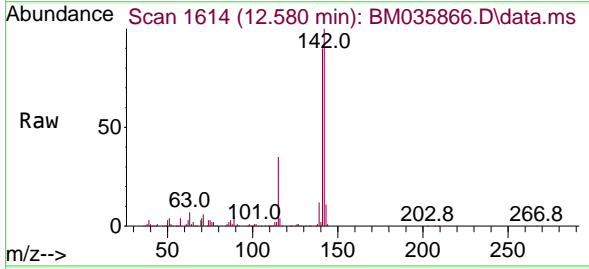
Ion	Ratio	Lower	Upper
142	100		
141	87.3	72.4	108.6
115	34.7	29.6	44.4

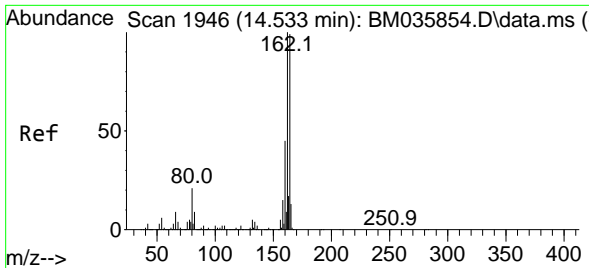


#38
 1-Methylnaphthalene
 Concen: 9.273 ng
 RT: 12.580 min Scan# 1614
 Delta R.T. -0.006 min
 Lab File: BM035866.D
 Acq: 19 Jul 2022 16:02

Tgt Ion:142 Resp: 397399

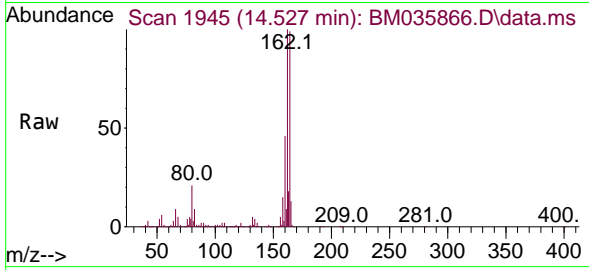
Ion	Ratio	Lower	Upper
142	100		
141	90.0	75.0	112.4
116	3.6	3.4	5.2



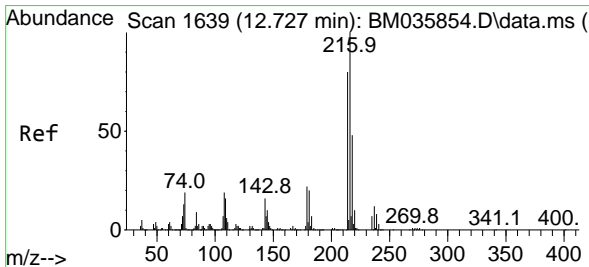
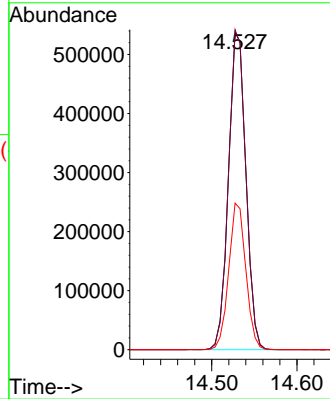
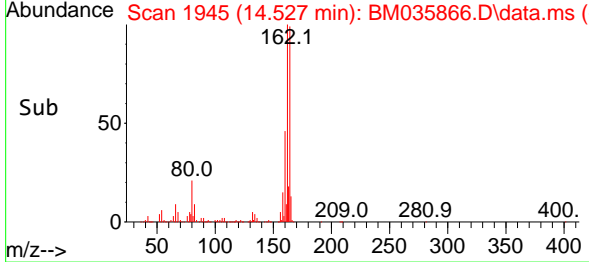


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.527 min Scan# 1945
 Delta R.T. -0.006 min
 Lab File: BM035866.D
 Acq: 19 Jul 2022 16:02

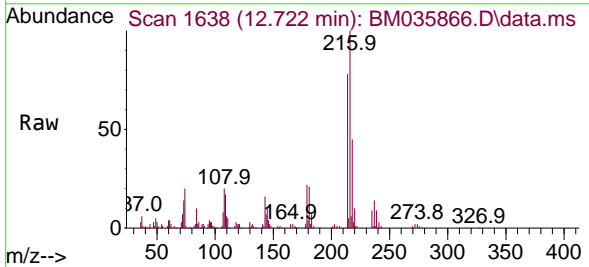
Instrument :
 BNA_M
 ClientSampleId :
 LOQ-SOIL-02-QT2-2022



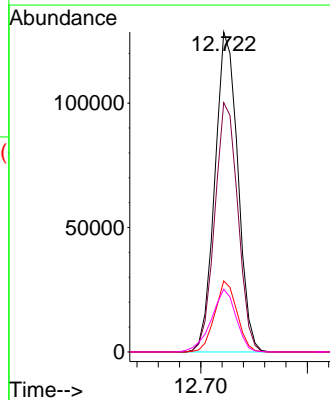
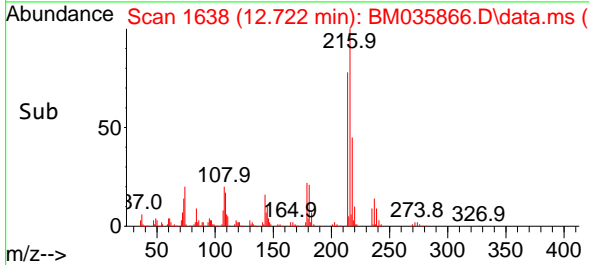
Tgt Ion:164 Resp: 762580
 Ion Ratio Lower Upper
 164 100
 162 100.9 83.0 124.6
 160 46.2 37.0 55.4

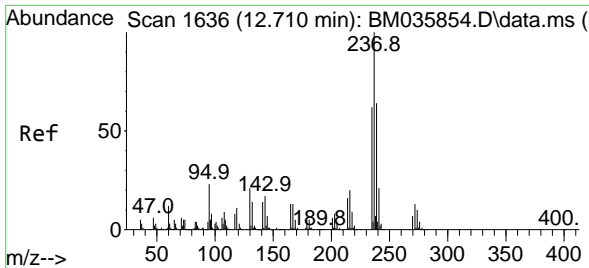


#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 8.816 ng
 RT: 12.722 min Scan# 1638
 Delta R.T. -0.006 min
 Lab File: BM035866.D
 Acq: 19 Jul 2022 16:02



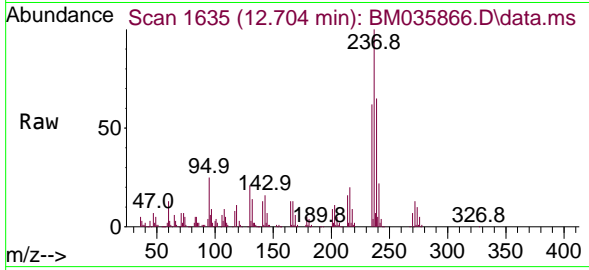
Tgt Ion:216 Resp: 192084
 Ion Ratio Lower Upper
 216 100
 214 78.7 62.6 94.0
 179 21.5 18.2 27.2
 108 21.3 17.0 25.6





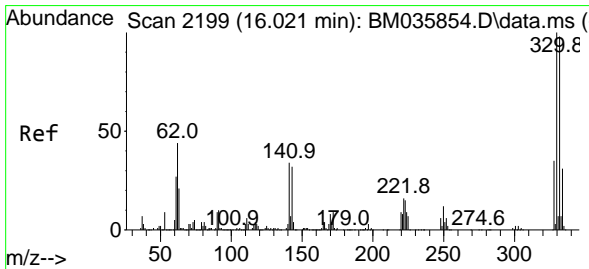
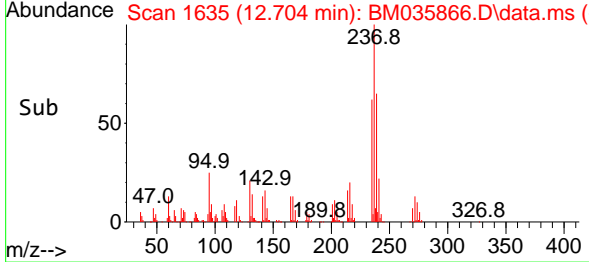
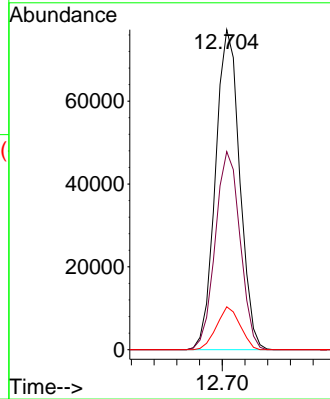
#41
 Hexachlorocyclopentadiene
 Concen: 9.757 ng
 RT: 12.704 min Scan# 1
 Delta R.T. -0.006 min
 Lab File: BM035866.D
 Acq: 19 Jul 2022 16:02

Instrument :
 BNA_M
 ClientSampleId :
 LOQ-SOIL-02-QT2-2022



Tgt Ion:237 Resp: 114579

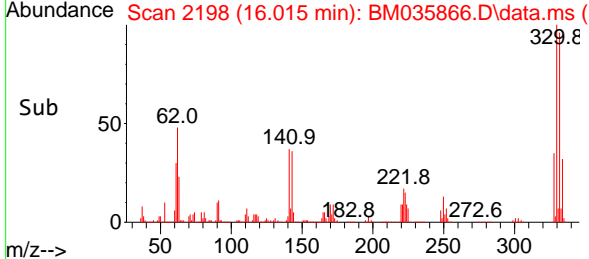
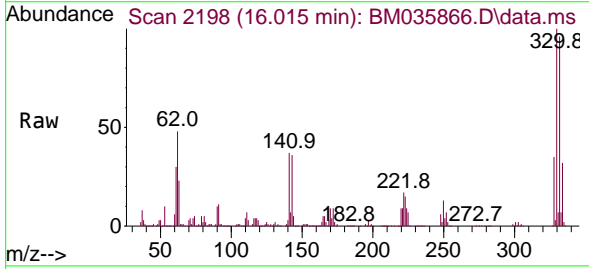
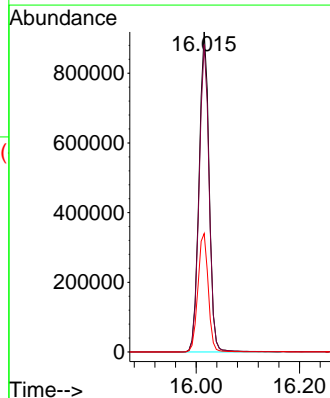
Ion	Ratio	Lower	Upper
237	100		
235	61.9	43.8	83.8
272	13.4	0.0	32.5

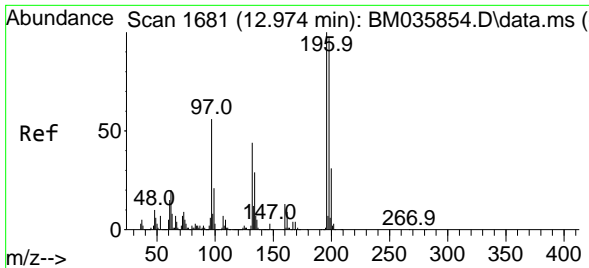


#42
 2,4,6-Tribromophenol
 Concen: 145.428 ng
 RT: 16.015 min Scan# 2198
 Delta R.T. -0.006 min
 Lab File: BM035866.D
 Acq: 19 Jul 2022 16:02

Tgt Ion:330 Resp: 1240480

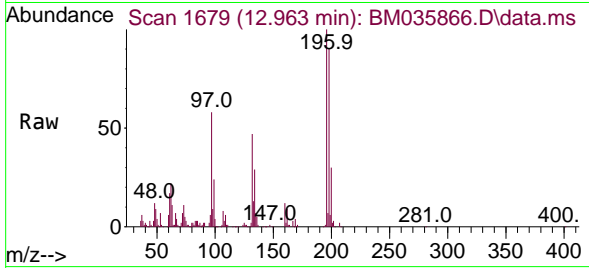
Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.0	115.4
141	37.9	35.3	52.9



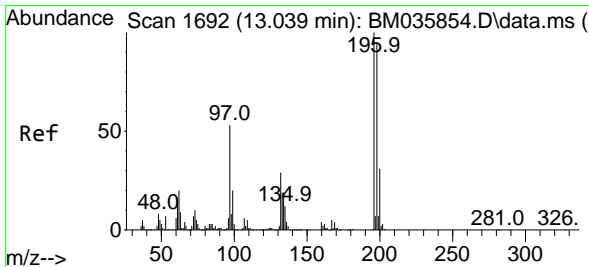
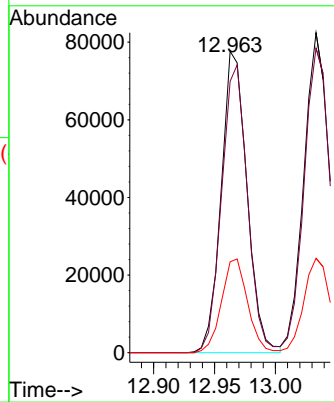
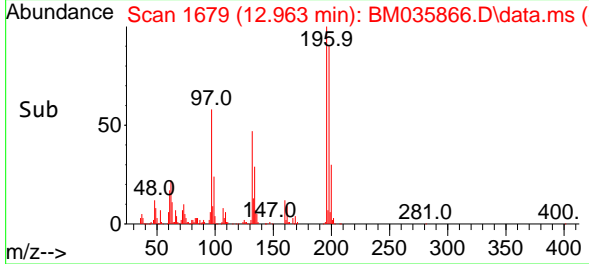


#43
 2,4,6-Trichlorophenol
 Concen: 7.966 ng
 RT: 12.963 min Scan# 1679
 Delta R.T. -0.012 min
 Lab File: BM035866.D
 Acq: 19 Jul 2022 16:02

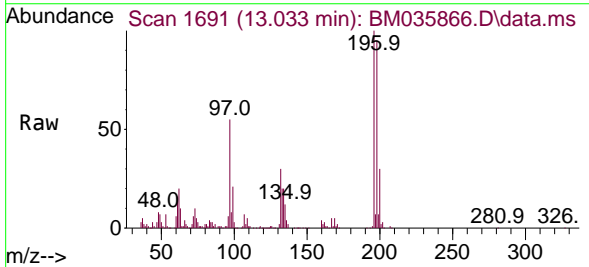
Instrument :
 BNA_M
 ClientSampleId :
 LOQ-SOIL-02-QT2-2022



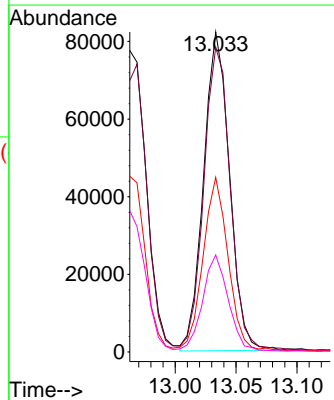
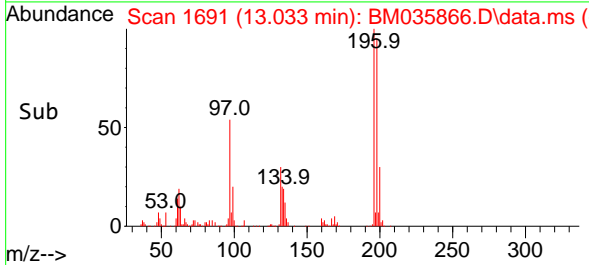
Tgt Ion:196 Resp: 114717
 Ion Ratio Lower Upper
 196 100
 198 90.1 75.8 113.6
 200 30.2 24.9 37.3

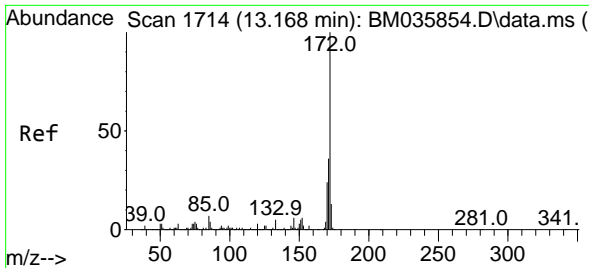


#44
 2,4,5-Trichlorophenol
 Concen: 8.021 ng
 RT: 13.033 min Scan# 1691
 Delta R.T. -0.006 min
 Lab File: BM035866.D
 Acq: 19 Jul 2022 16:02



Tgt Ion:196 Resp: 121794
 Ion Ratio Lower Upper
 196 100
 198 95.2 77.8 116.6
 97 54.6 43.4 65.2
 132 30.3 22.8 34.2



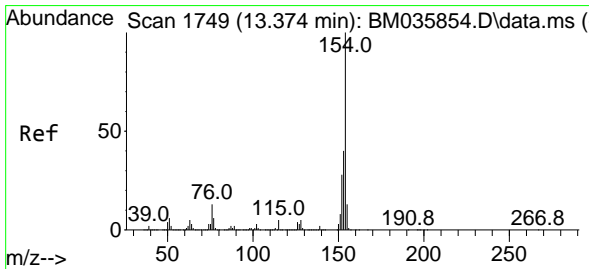
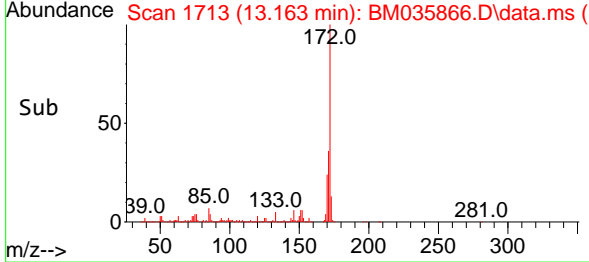
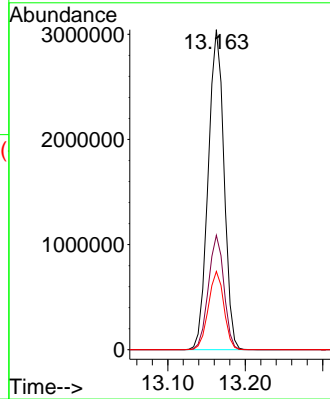
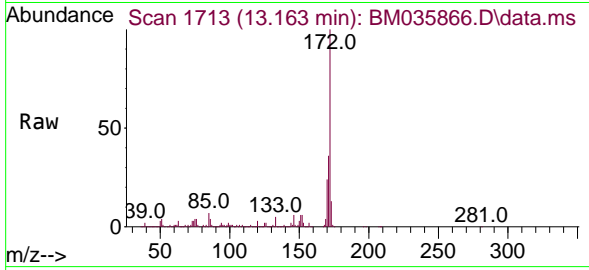


#45
 2-Fluorobiphenyl
 Concen: 79.792 ng
 RT: 13.163 min Scan# 1713
 Delta R.T. -0.006 min
 Lab File: BM035866.D
 Acq: 19 Jul 2022 16:02

Instrument : BNA_M
 ClientSampleId : LOQ-SOIL-02-QT2-2022

Tgt Ion:172 Resp: 4304710

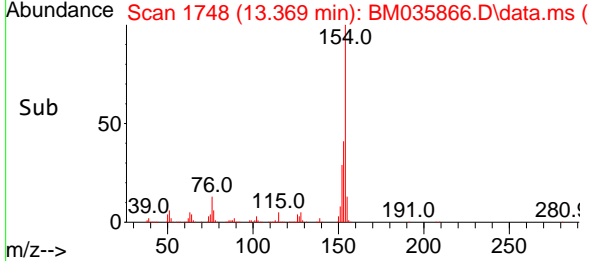
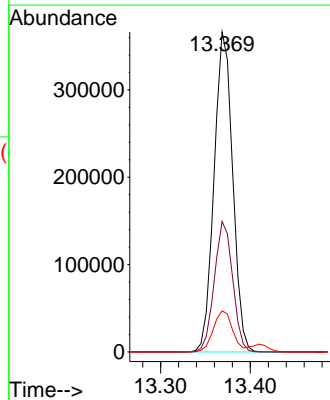
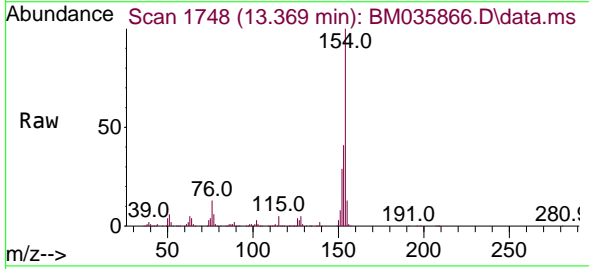
Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.5	42.7
170	24.5	18.7	28.1

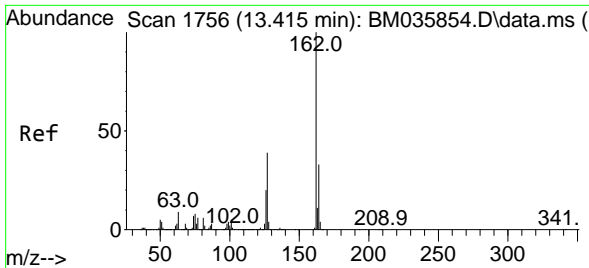


#46
 1,1'-Biphenyl
 Concen: 9.078 ng
 RT: 13.369 min Scan# 1748
 Delta R.T. -0.006 min
 Lab File: BM035866.D
 Acq: 19 Jul 2022 16:02

Tgt Ion:154 Resp: 526606

Ion	Ratio	Lower	Upper
154	100		
153	40.8	20.5	60.5
76	12.9	0.0	31.8



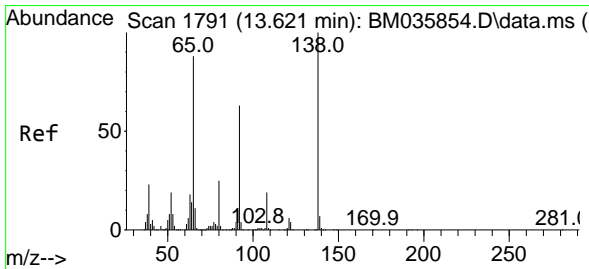
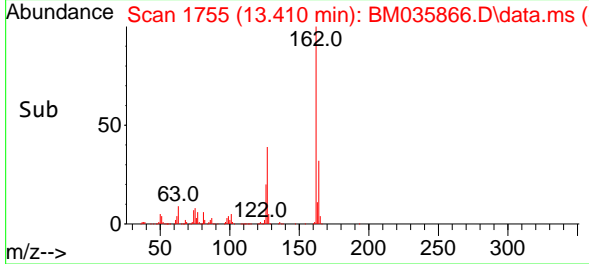
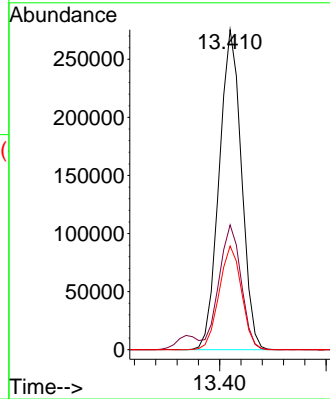
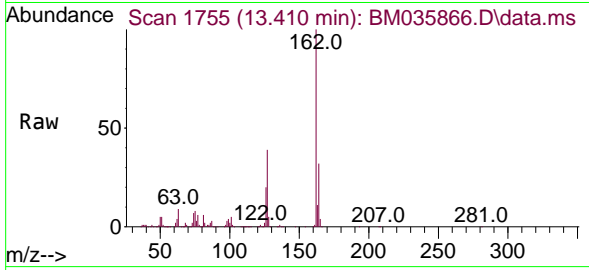


#47
 2-Chloronaphthalene
 Concen: 8.960 ng
 RT: 13.410 min Scan# 1
 Delta R.T. -0.006 min
 Lab File: BM035866.D
 Acq: 19 Jul 2022 16:02

Instrument :
 BNA_M
 ClientSampleId :
 LOQ-SOIL-02-QT2-2022

Tgt Ion:162 Resp: 399486

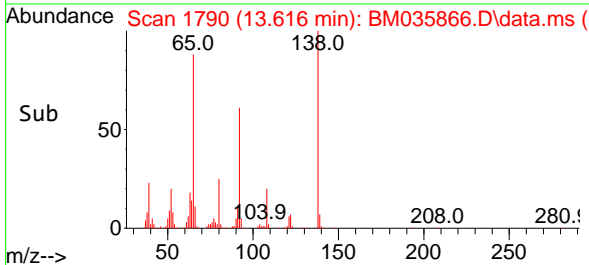
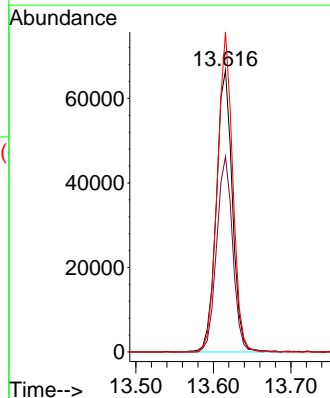
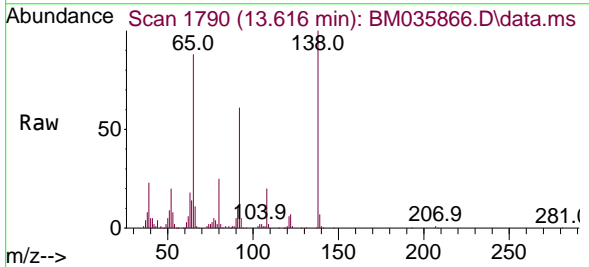
Ion	Ratio	Lower	Upper
162	100		
127	39.0	30.6	45.8
164	32.4	26.6	39.8

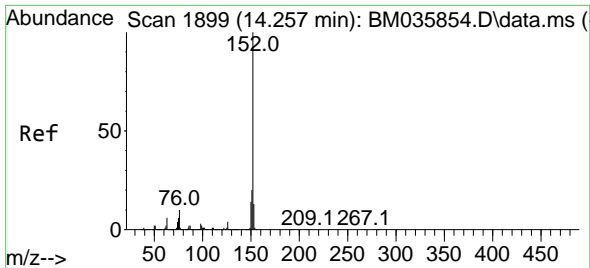


#48
 2-Nitroaniline
 Concen: 7.828 ng
 RT: 13.616 min Scan# 1790
 Delta R.T. -0.006 min
 Lab File: BM035866.D
 Acq: 19 Jul 2022 16:02

Tgt Ion: 65 Resp: 96175

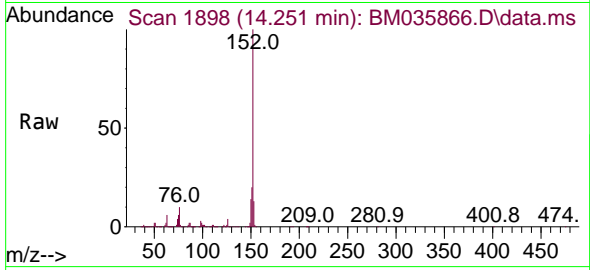
Ion	Ratio	Lower	Upper
65	100		
92	69.4	53.7	80.5
138	113.7	83.9	125.9



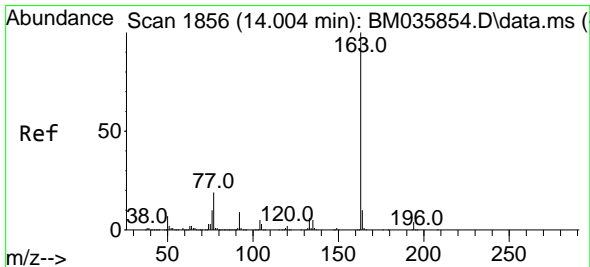
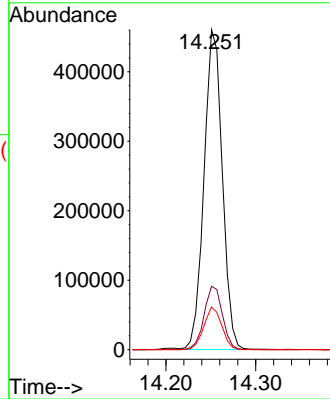
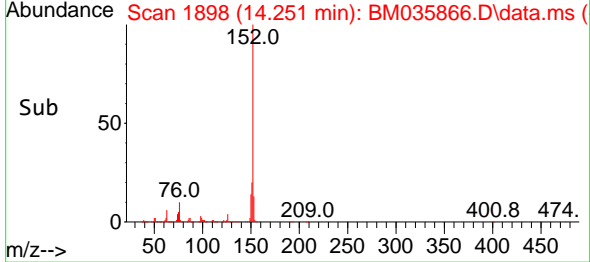


#49
 Acenaphthylene
 Concen: 9.479 ng
 RT: 14.251 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BM035866.D
 Acq: 19 Jul 2022 16:02

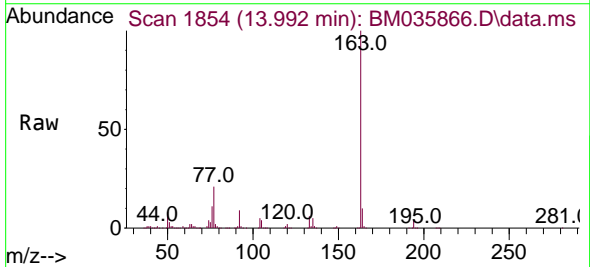
Instrument :
 BNA_M
 ClientSampleId :
 LOQ-SOIL-02-QT2-2022



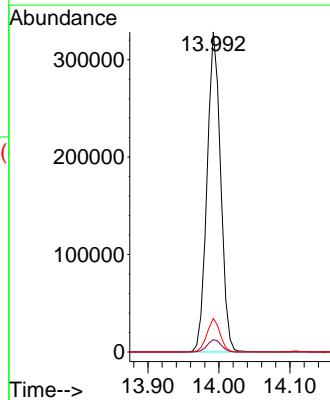
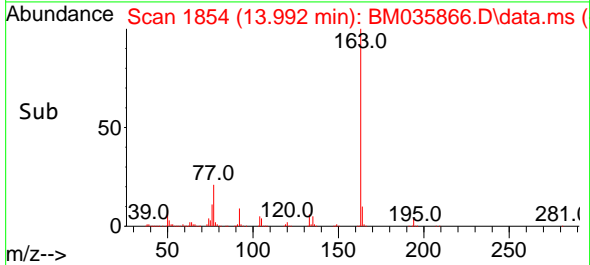
Tgt Ion:152 Resp: 650814
 Ion Ratio Lower Upper
 152 100
 151 19.8 16.2 24.2
 153 13.4 10.5 15.7

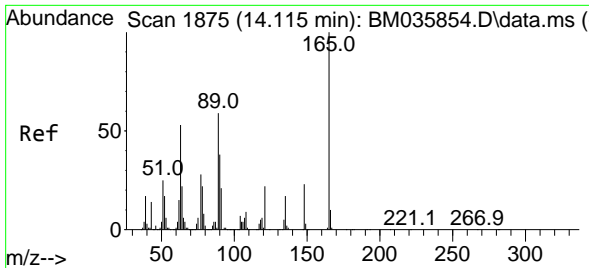


#50
 Dimethylphthalate
 Concen: 8.701 ng
 RT: 13.992 min Scan# 1854
 Delta R.T. -0.012 min
 Lab File: BM035866.D
 Acq: 19 Jul 2022 16:02



Tgt Ion:163 Resp: 436722
 Ion Ratio Lower Upper
 163 100
 194 3.8 3.0 4.4
 164 10.5 8.4 12.6



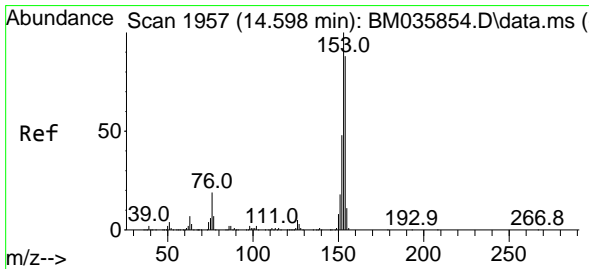
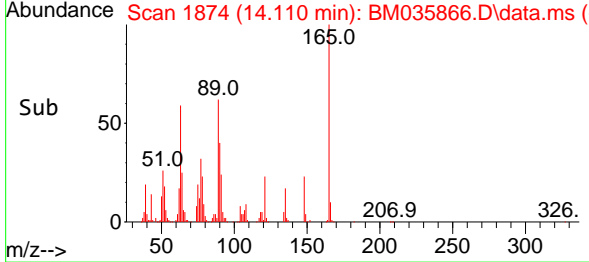
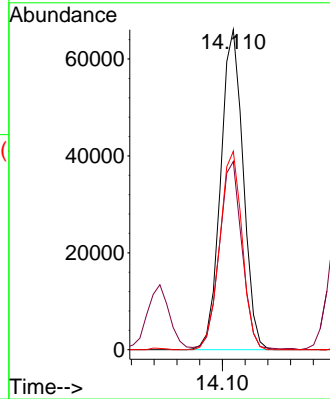
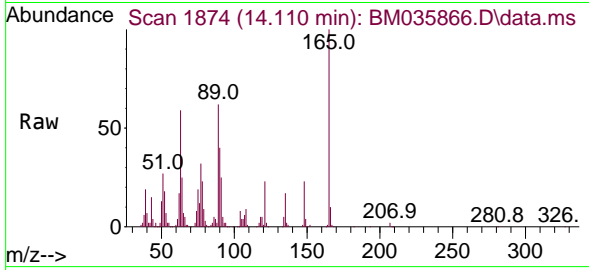


#51
 2,6-Dinitrotoluene
 Concen: 8.652 ng
 RT: 14.110 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BM035866.D
 Acq: 19 Jul 2022 16:02

Instrument :
 BNA_M
 ClientSampleId :
 LOQ-SOIL-02-QT2-2022

Tgt Ion:165 Resp: 90810

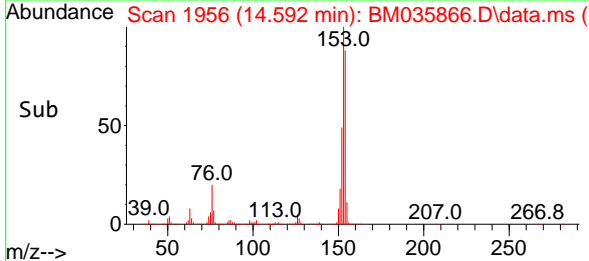
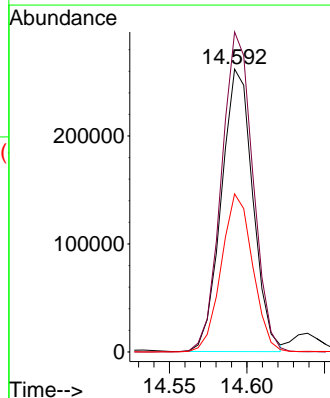
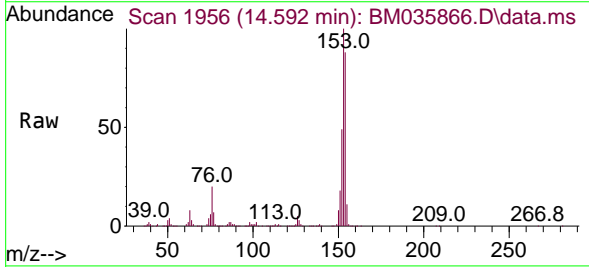
Ion	Ratio	Lower	Upper
165	100		
63	58.8	50.2	75.2
89	62.0	48.4	72.6

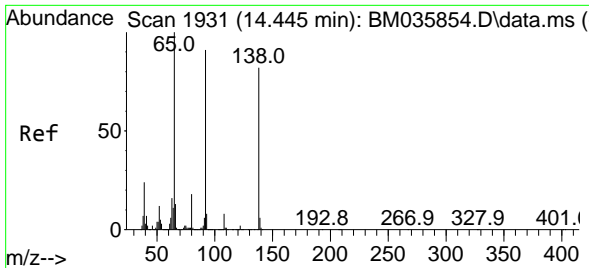


#52
 Acenaphthene
 Concen: 8.993 ng
 RT: 14.592 min Scan# 1956
 Delta R.T. -0.006 min
 Lab File: BM035866.D
 Acq: 19 Jul 2022 16:02

Tgt Ion:154 Resp: 369874

Ion	Ratio	Lower	Upper
154	100		
153	113.1	91.0	136.6
152	55.9	43.4	65.2

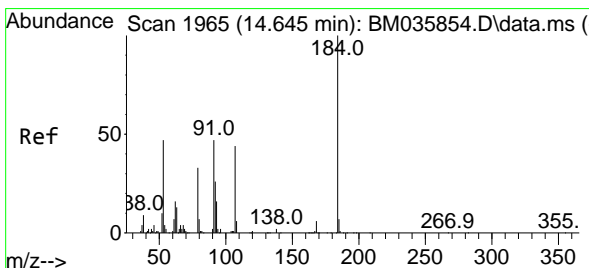
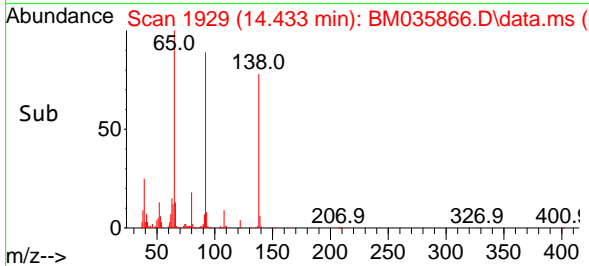
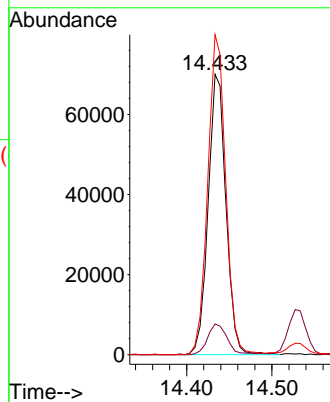
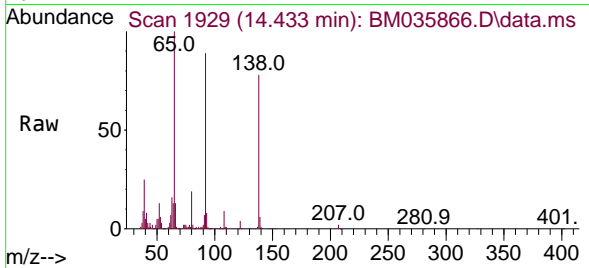




#53
 3-Nitroaniline
 Concen: 8.041 ng
 RT: 14.433 min Scan# 1931
 Delta R.T. -0.012 min
 Lab File: BM035866.D
 Acq: 19 Jul 2022 16:02

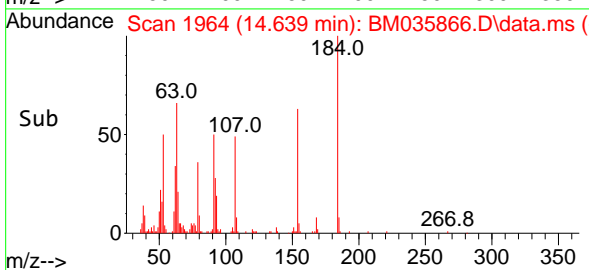
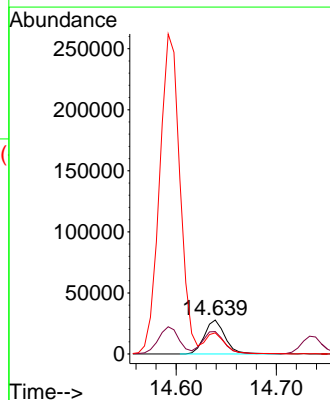
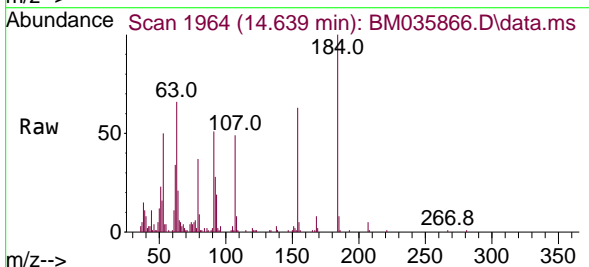
Instrument : BNA_M
 ClientSampleId : LOQ-SOIL-02-QT2-2022

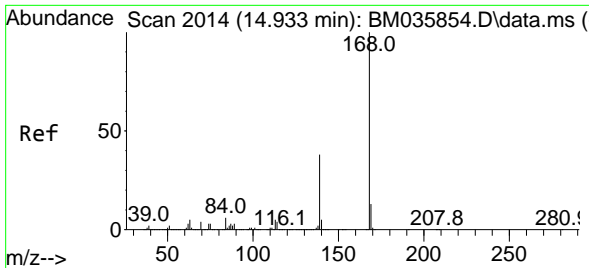
Tgt Ion:138 Resp: 101608
 Ion Ratio Lower Upper
 138 100
 108 11.0 8.7 13.1
 92 114.2 91.5 137.3



#54
 2,4-Dinitrophenol
 Concen: 7.645 ng
 RT: 14.639 min Scan# 1964
 Delta R.T. -0.006 min
 Lab File: BM035866.D
 Acq: 19 Jul 2022 16:02

Tgt Ion:184 Resp: 39538
 Ion Ratio Lower Upper
 184 100
 63 66.0 59.5 89.3
 154 62.5 55.6 83.4

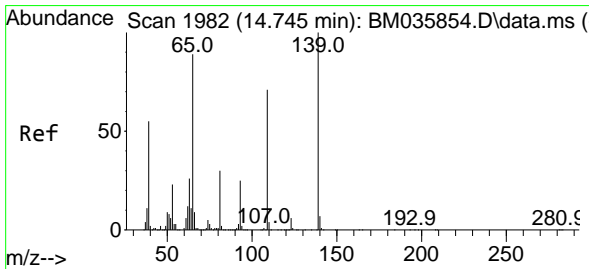
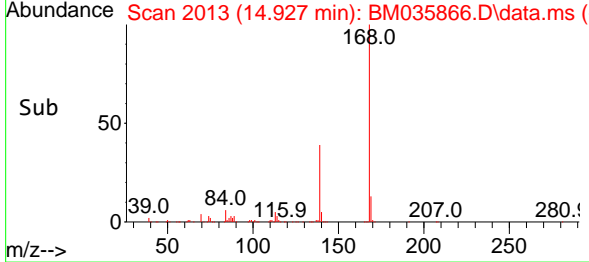
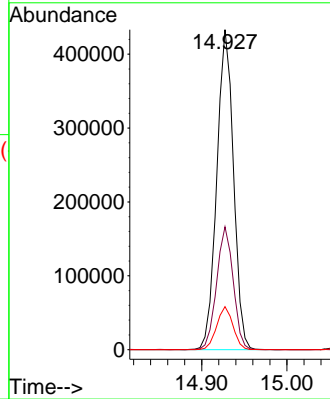
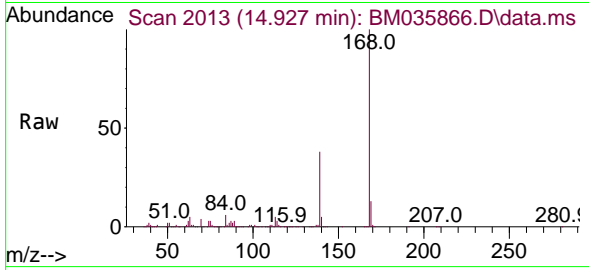




#55
 Dibenzofuran
 Concen: 8.957 ng
 RT: 14.927 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: BM035866.D
 Acq: 19 Jul 2022 16:02

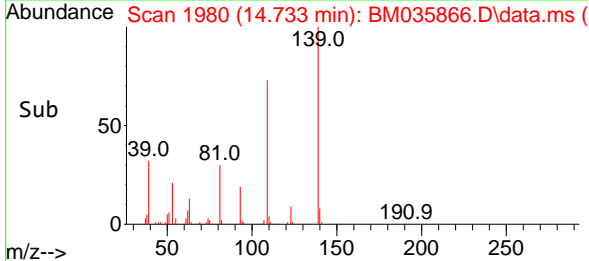
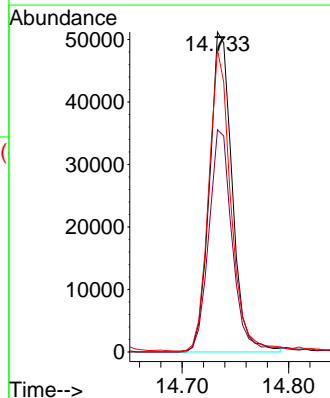
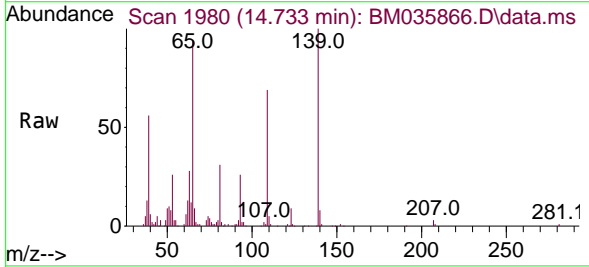
Instrument :
 BNA_M
 ClientSampleId :
 LOQ-SOIL-02-QT2-2022

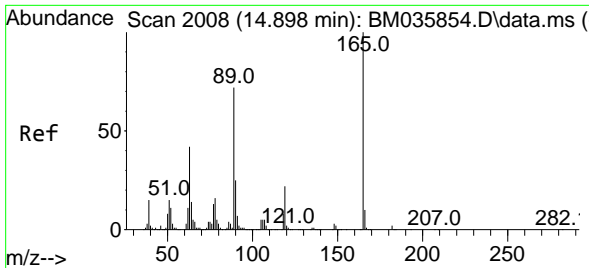
Tgt Ion:168 Resp: 590175
 Ion Ratio Lower Upper
 168 100
 139 38.4 32.2 48.2
 169 13.5 10.6 16.0



#56
 4-Nitrophenol
 Concen: 7.607 ng
 RT: 14.733 min Scan# 1980
 Delta R.T. -0.012 min
 Lab File: BM035866.D
 Acq: 19 Jul 2022 16:02

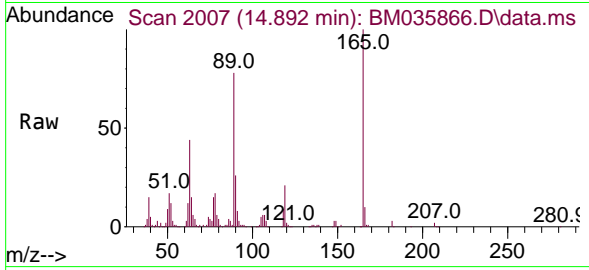
Tgt Ion:139 Resp: 75429
 Ion Ratio Lower Upper
 139 100
 109 69.5 62.5 102.5
 65 94.5 83.5 123.5





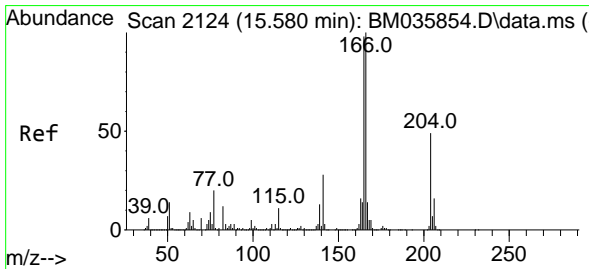
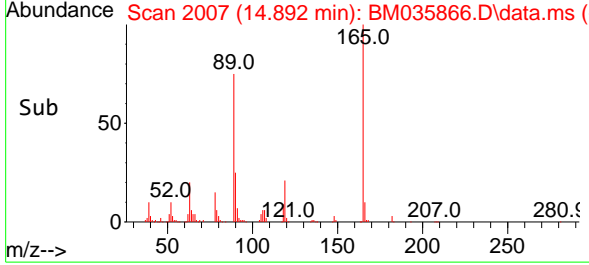
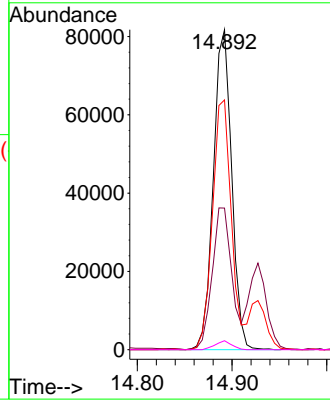
#57
 2,4-Dinitrotoluene
 Concen: 7.968 ng
 RT: 14.892 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: BM035866.D
 Acq: 19 Jul 2022 16:02

Instrument :
 BNA_M
 ClientSampleId :
 LOQ-SOIL-02-QT2-2022



Tgt Ion:165 Resp: 109444

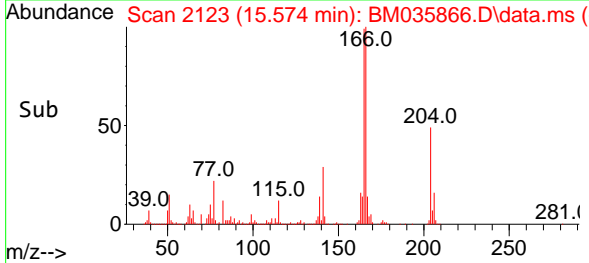
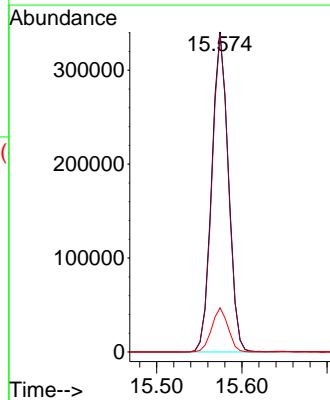
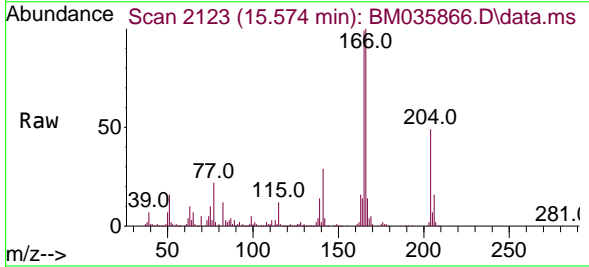
Ion	Ratio	Lower	Upper
165	100		
63	44.2	35.6	53.4
89	78.0	57.3	85.9
182	2.8	2.1	3.1

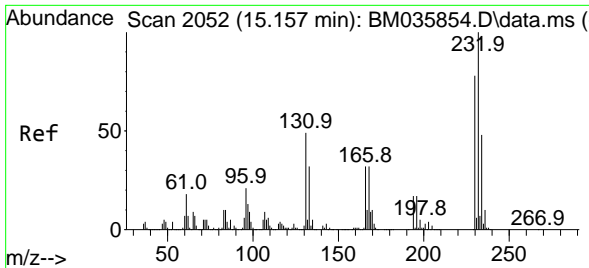


#58
 Fluorene
 Concen: 8.926 ng
 RT: 15.574 min Scan# 2123
 Delta R.T. -0.006 min
 Lab File: BM035866.D
 Acq: 19 Jul 2022 16:02

Tgt Ion:166 Resp: 461791

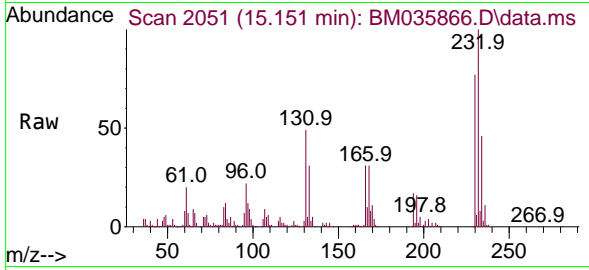
Ion	Ratio	Lower	Upper
166	100		
165	99.4	79.4	119.2
167	13.8	10.6	16.0



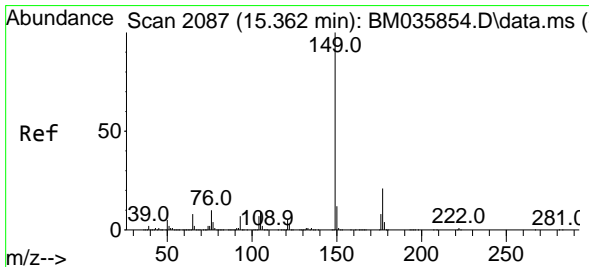
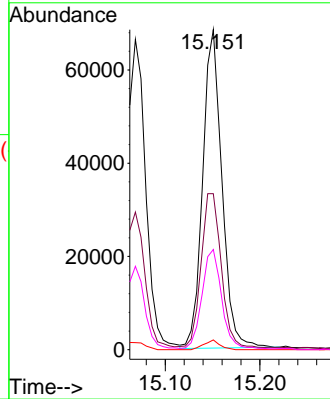
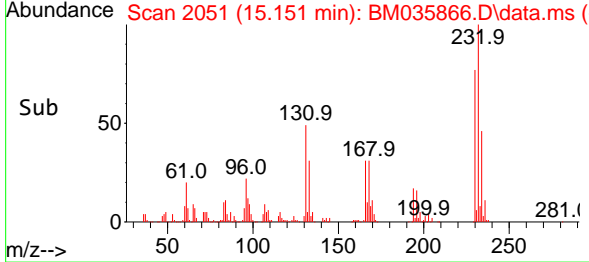


#59
 2,3,4,6-Tetrachlorophenol
 Concen: 7.887 ng
 RT: 15.151 min Scan# 2051
 Delta R.T. -0.006 min
 Lab File: BM035866.D
 Acq: 19 Jul 2022 16:02

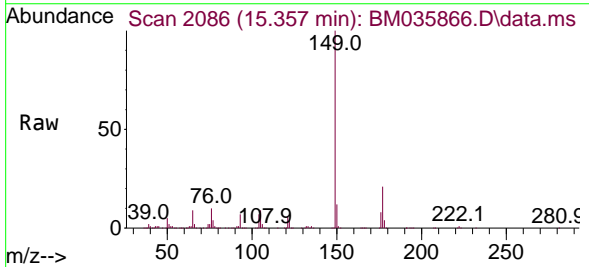
Instrument : BNA_M
 ClientSampleId : LOQ-SOIL-02-QT2-2022



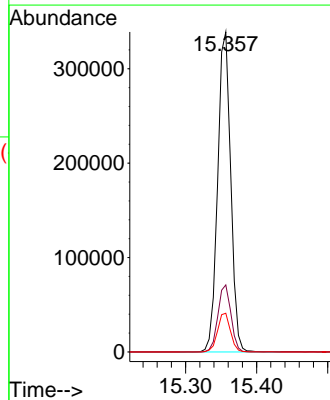
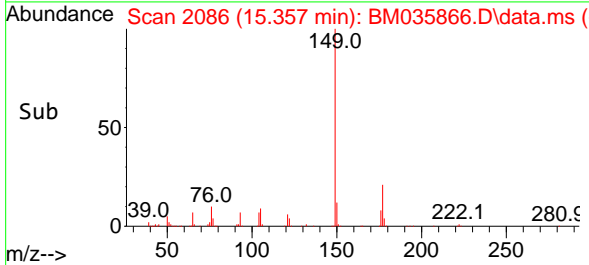
Tgt Ion:232 Resp: 96269
 Ion Ratio Lower Upper
 232 100
 131 51.0 41.0 61.6
 130 2.5 2.3 3.5
 166 31.9 27.7 41.5

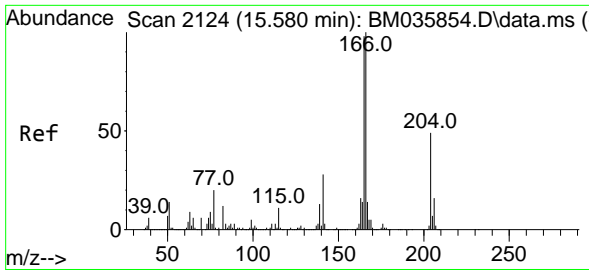


#60
 Diethylphthalate
 Concen: 8.638 ng
 RT: 15.357 min Scan# 2086
 Delta R.T. -0.006 min
 Lab File: BM035866.D
 Acq: 19 Jul 2022 16:02



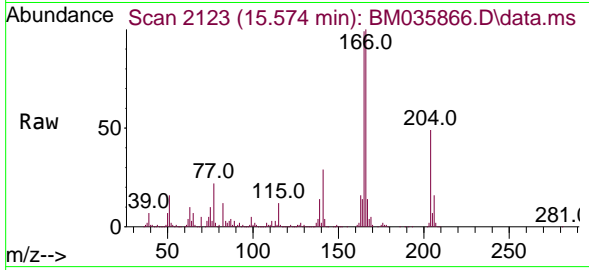
Tgt Ion:149 Resp: 429616
 Ion Ratio Lower Upper
 149 100
 177 21.0 16.9 25.3
 150 12.1 10.1 15.1



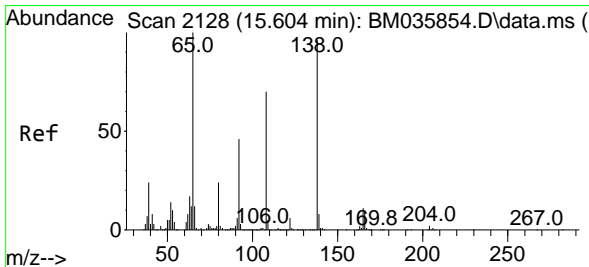
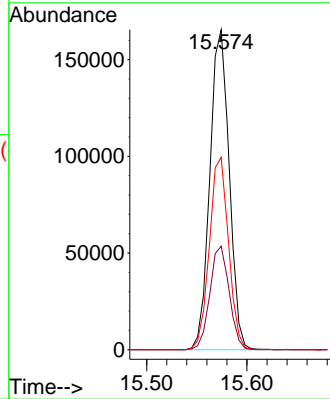
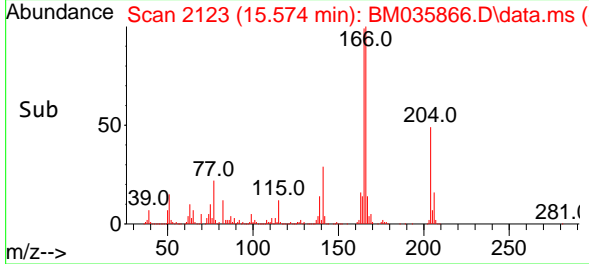


#61
 4-Chlorophenyl-phenylether
 Concen: 8.802 ng
 RT: 15.574 min Scan# 2123
 Delta R.T. -0.006 min
 Lab File: BM035866.D
 Acq: 19 Jul 2022 16:02

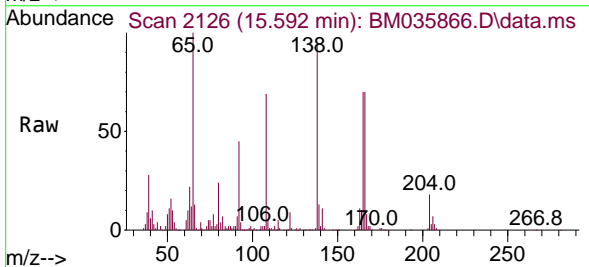
Instrument : BNA_M
 ClientSampleId : LOQ-SOIL-02-QT2-2022



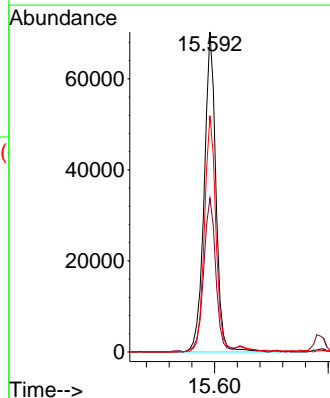
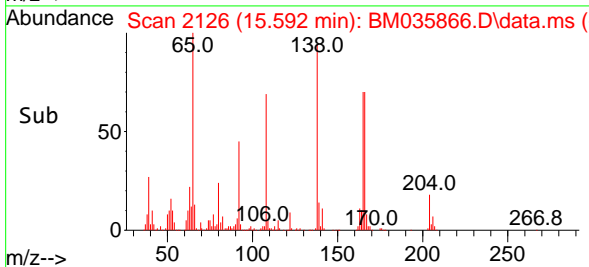
Tgt Ion:204 Resp: 221562
 Ion Ratio Lower Upper
 204 100
 206 32.3 26.3 39.5
 141 60.1 51.2 76.8

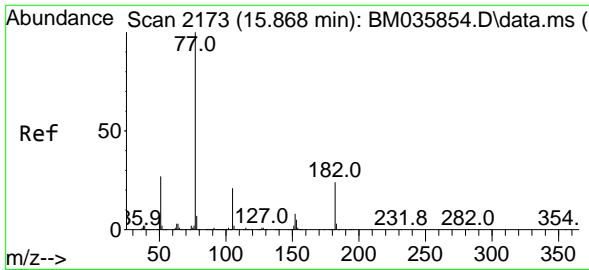


#62
 4-Nitroaniline
 Concen: 7.768 ng
 RT: 15.592 min Scan# 2126
 Delta R.T. -0.012 min
 Lab File: BM035866.D
 Acq: 19 Jul 2022 16:02



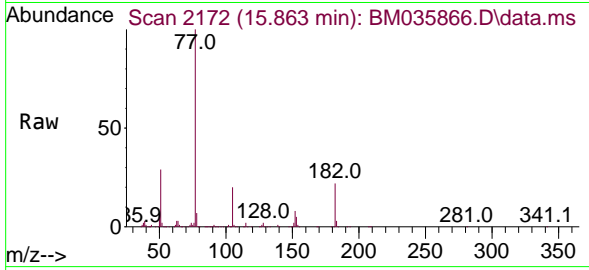
Tgt Ion:138 Resp: 100513
 Ion Ratio Lower Upper
 138 100
 92 48.0 30.8 70.8
 108 73.9 65.7 105.7





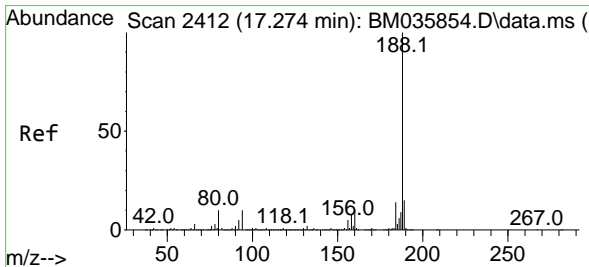
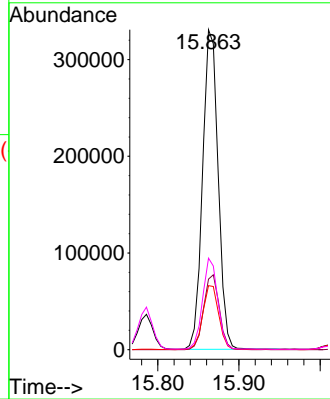
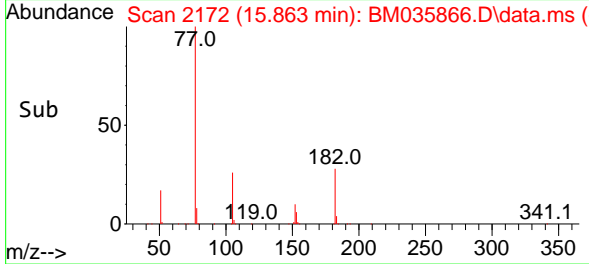
#63
 Azobenzene
 Concen: 8.613 ng
 RT: 15.863 min Scan# 2172
 Delta R.T. -0.006 min
 Lab File: BM035866.D
 Acq: 19 Jul 2022 16:02

Instrument :
 BNA_M
 ClientSampleId :
 LOQ-SOIL-02-QT2-2022

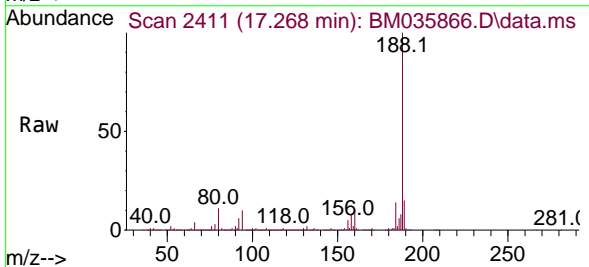


Tgt Ion: 77 Resp: 439838

Ion	Ratio	Lower	Upper
77	100		
182	22.1	4.9	44.9
105	20.0	0.0	39.6
51	28.6	14.3	54.3

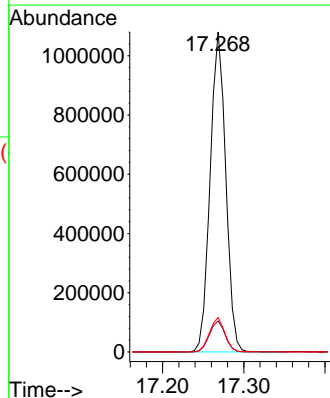
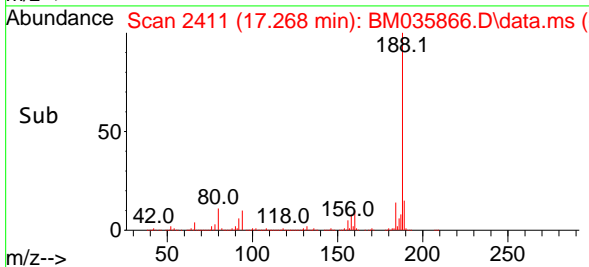


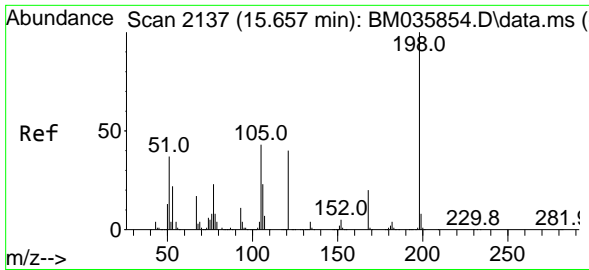
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.268 min Scan# 2411
 Delta R.T. -0.006 min
 Lab File: BM035866.D
 Acq: 19 Jul 2022 16:02



Tgt Ion: 188 Resp: 1438717

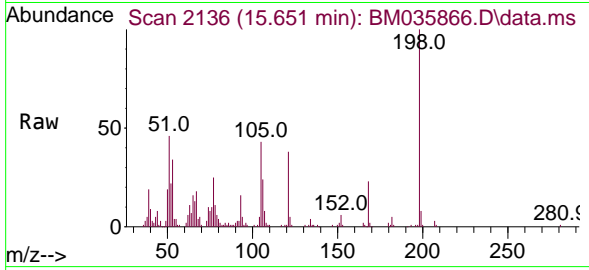
Ion	Ratio	Lower	Upper
188	100		
94	9.7	7.0	10.4
80	10.8	7.6	11.4



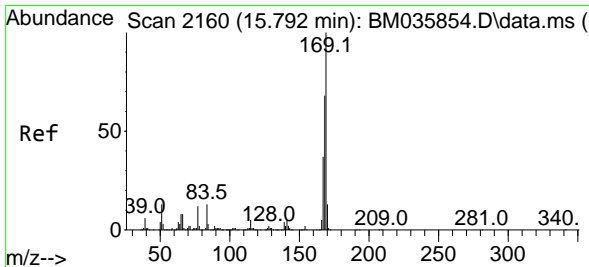
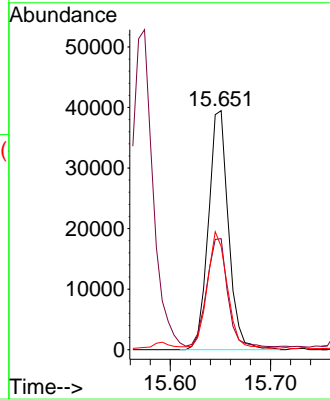
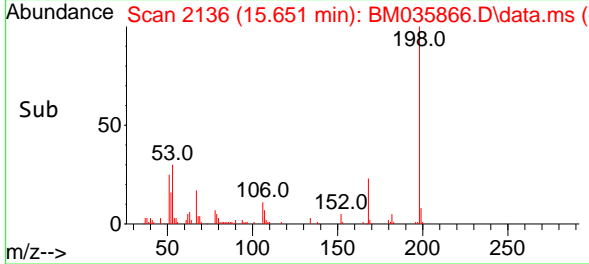


#65
 4,6-Dinitro-2-methylphenol
 Concen: 7.588 ng
 RT: 15.651 min Scan# 2159
 Delta R.T. -0.006 min
 Lab File: BM035866.D
 Acq: 19 Jul 2022 16:02

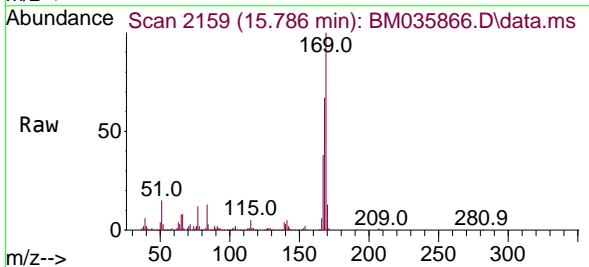
Instrument : BNA_M
 ClientSampleId : LOQ-SOIL-02-QT2-2022



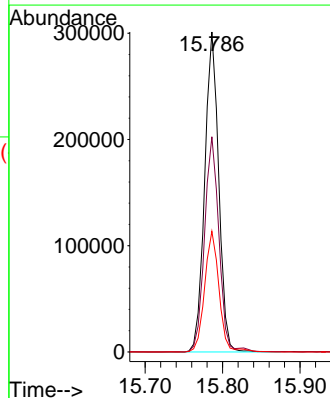
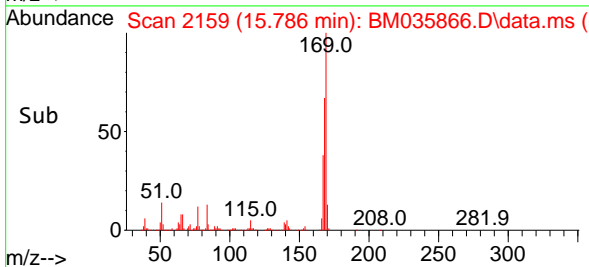
Tgt Ion:198 Resp: 54817
 Ion Ratio Lower Upper
 198 100
 51 46.5 29.0 69.0
 105 43.2 22.1 62.1

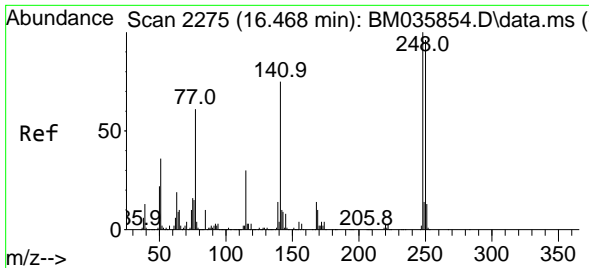


#66
 n-Nitrosodiphenylamine
 Concen: 8.949 ng
 RT: 15.786 min Scan# 2159
 Delta R.T. -0.006 min
 Lab File: BM035866.D
 Acq: 19 Jul 2022 16:02



Tgt Ion:169 Resp: 378074
 Ion Ratio Lower Upper
 169 100
 168 67.3 54.3 81.5
 167 37.7 29.4 44.0

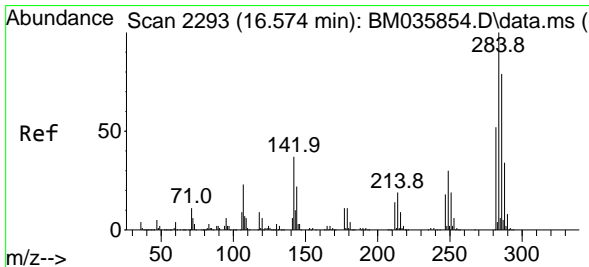
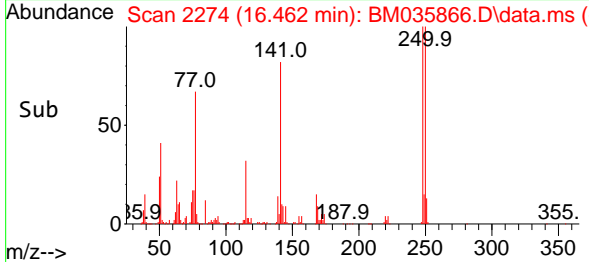
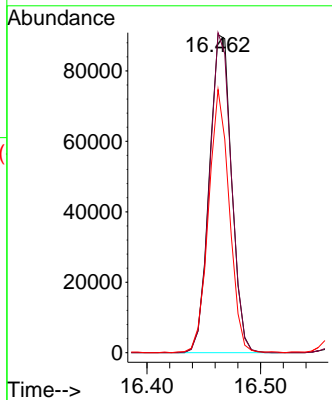
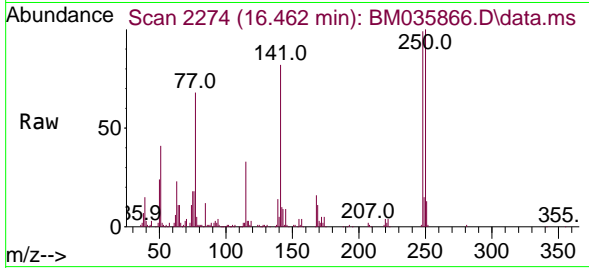




#67
 4-Bromophenyl-phenylether
 Concen: 8.507 ng
 RT: 16.462 min Scan# 2274
 Delta R.T. -0.006 min
 Lab File: BM035866.D
 Acq: 19 Jul 2022 16:02

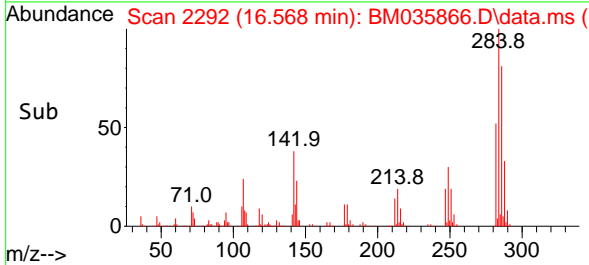
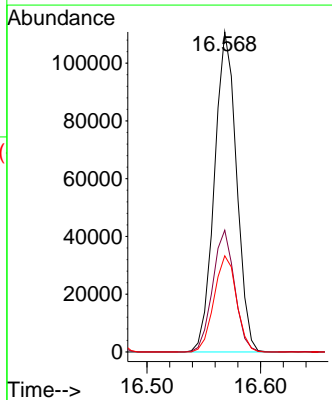
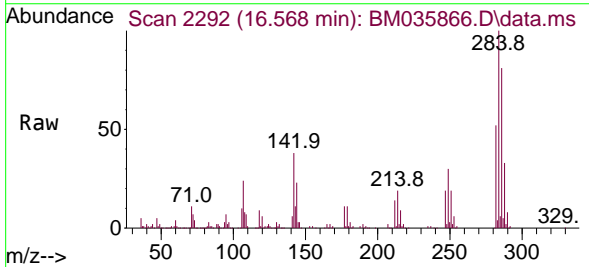
Instrument : BNA_M
 ClientSampleId : LOQ-SOIL-02-QT2-2022

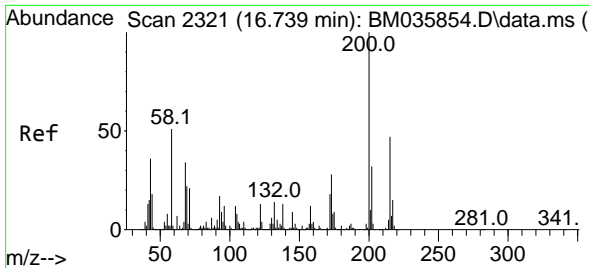
Tgt Ion	Resp	Lower	Upper
248	123036		
250	100.6	78.0	117.0
141	82.7	66.0	99.0



#68
 Hexachlorobenzene
 Concen: 8.936 ng
 RT: 16.568 min Scan# 2292
 Delta R.T. -0.006 min
 Lab File: BM035866.D
 Acq: 19 Jul 2022 16:02

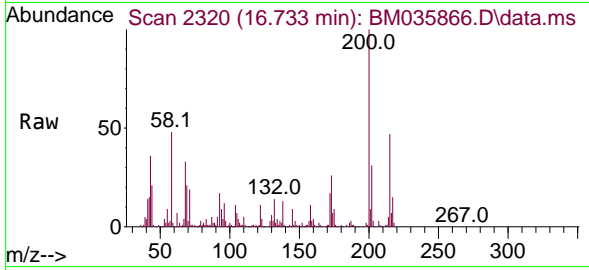
Tgt Ion	Resp	Lower	Upper
284	150030		
142	38.1	33.6	50.4
249	30.0	26.2	39.2



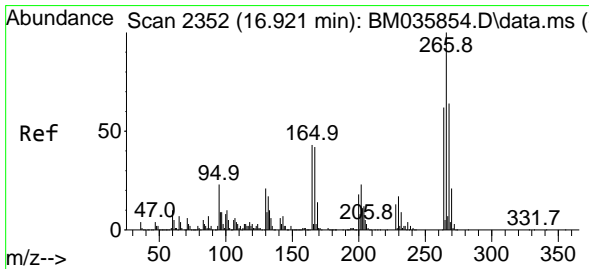
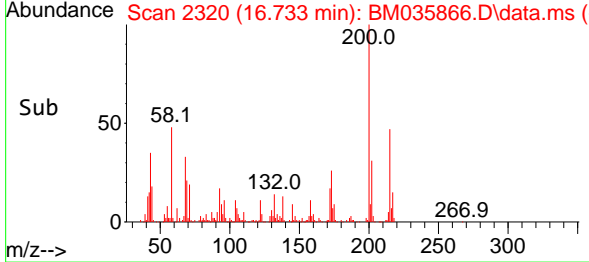
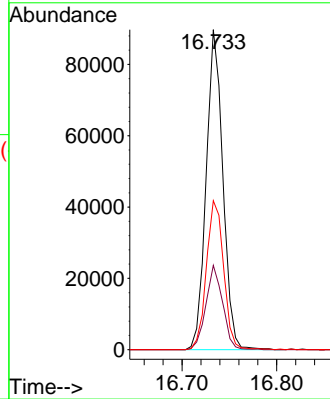


#69
 Atrazine
 Concen: 9.921 ng
 RT: 16.733 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM035866.D
 Acq: 19 Jul 2022 16:02

Instrument : BNA_M
 ClientSampleId : LOQ-SOIL-02-QT2-2022

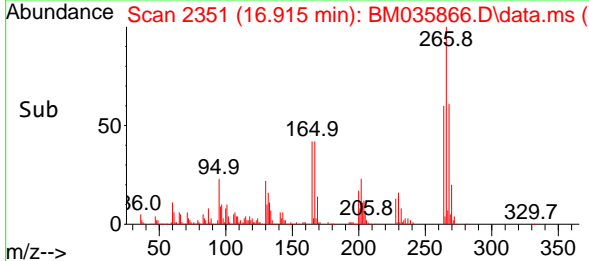
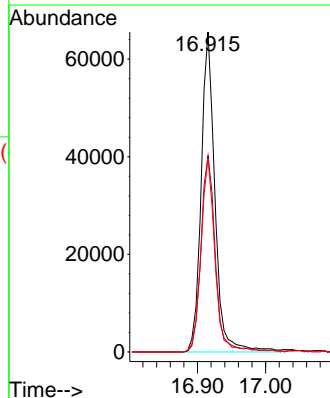
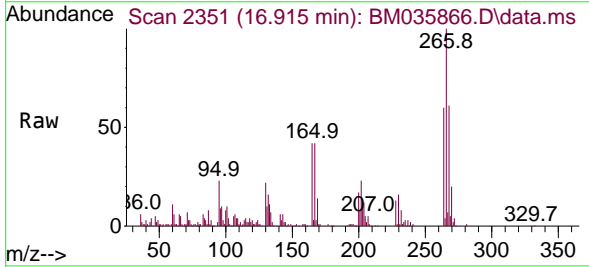


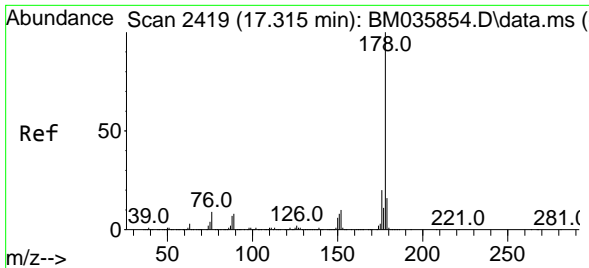
Tgt Ion:200 Resp: 110137
 Ion Ratio Lower Upper
 200 100
 173 26.4 6.6 46.6
 215 46.5 26.2 66.2



#70
 Pentachlorophenol
 Concen: 9.921 ng
 RT: 16.915 min Scan# 2351
 Delta R.T. -0.006 min
 Lab File: BM035866.D
 Acq: 19 Jul 2022 16:02

Tgt Ion:266 Resp: 92430
 Ion Ratio Lower Upper
 266 100
 268 61.3 51.9 77.9
 264 60.4 50.6 76.0



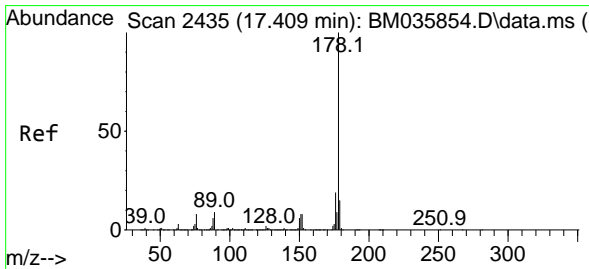
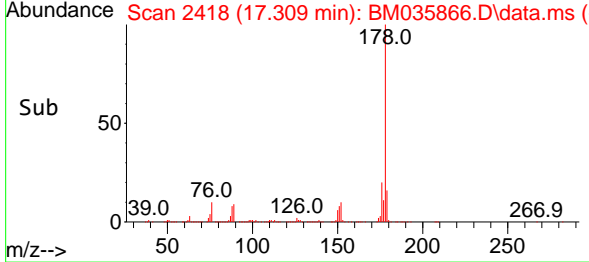
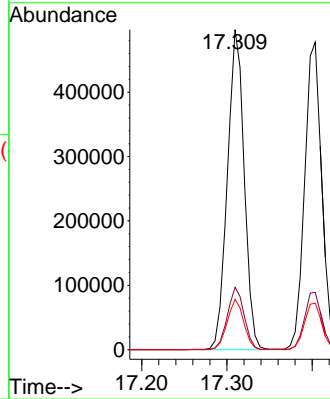
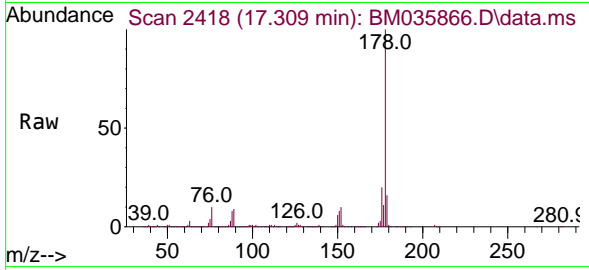


#71
 Phenanthrene
 Concen: 9.030 ng
 RT: 17.309 min Scan# 2419
 Delta R.T. -0.006 min
 Lab File: BM035866.D
 Acq: 19 Jul 2022 16:02

Instrument : BNA_M
 ClientSampleId : LOQ-SOIL-02-QT2-2022

Tgt Ion:178 Resp: 683432

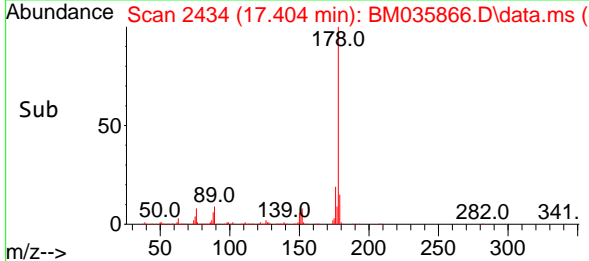
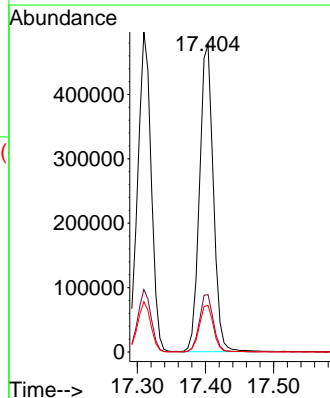
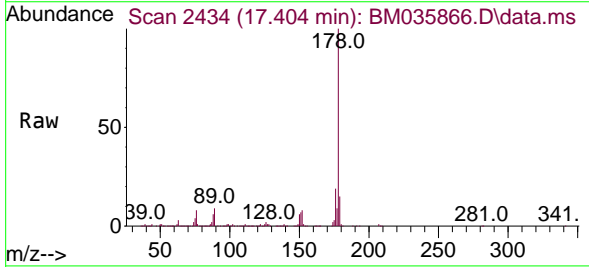
Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.4	23.0
179	15.7	12.4	18.6

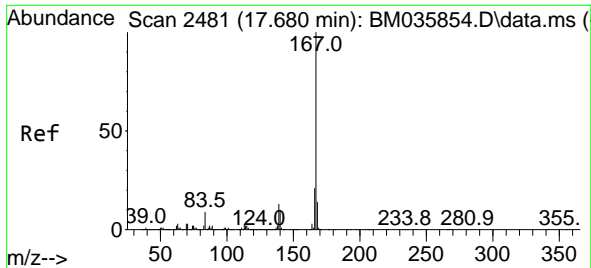


#72
 Anthracene
 Concen: 9.127 ng
 RT: 17.404 min Scan# 2434
 Delta R.T. -0.006 min
 Lab File: BM035866.D
 Acq: 19 Jul 2022 16:02

Tgt Ion:178 Resp: 671423

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.0	22.4
179	15.1	12.2	18.2

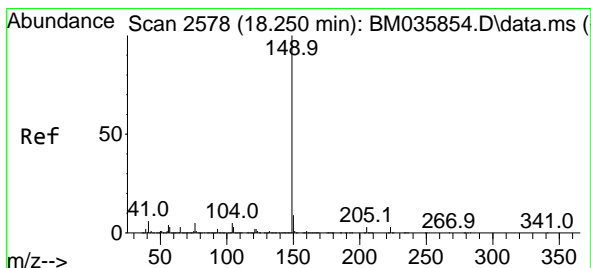
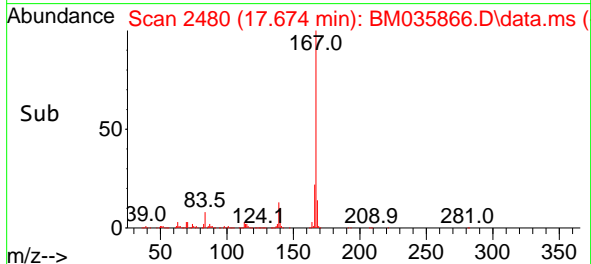
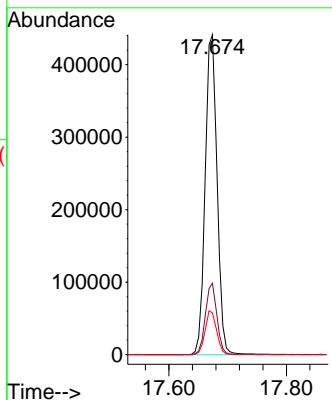
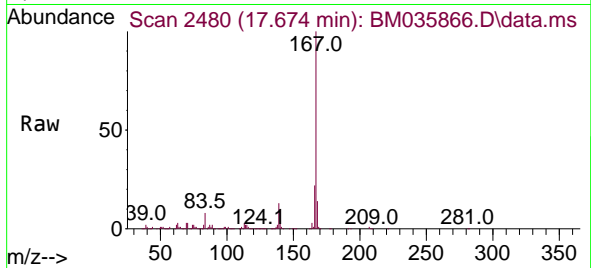




#73
 Carbazole
 Concen: 8.332 ng
 RT: 17.674 min Scan# 2480
 Delta R.T. -0.006 min
 Lab File: BM035866.D
 Acq: 19 Jul 2022 16:02

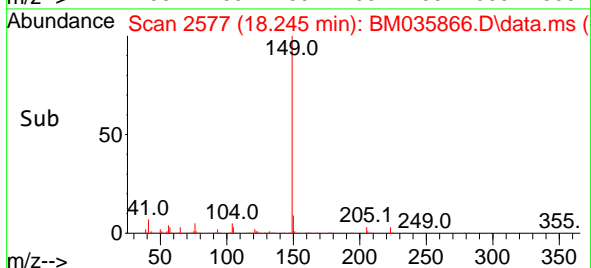
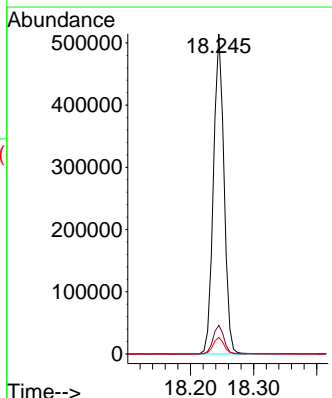
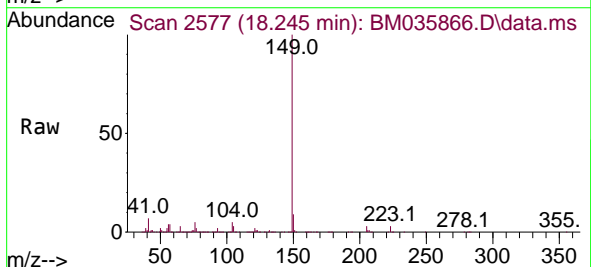
Instrument : BNA_M
 ClientSampleId : LOQ-SOIL-02-QT2-2022

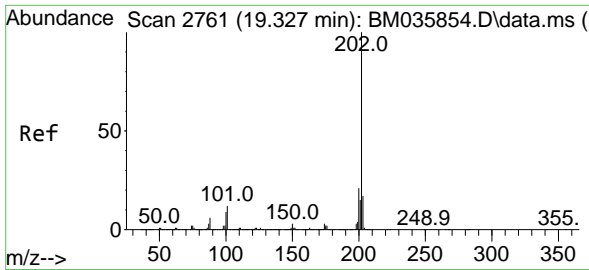
Tgt Ion	Resp	Lower	Upper
167	621776		
166	22.3	17.8	26.8
139	13.1	10.9	16.3



#74
 Di-n-butylphthalate
 Concen: 7.856 ng
 RT: 18.245 min Scan# 2577
 Delta R.T. -0.006 min
 Lab File: BM035866.D
 Acq: 19 Jul 2022 16:02

Tgt Ion	Resp	Lower	Upper
149	596892		
150	8.9	7.3	10.9
104	5.1	4.3	6.5

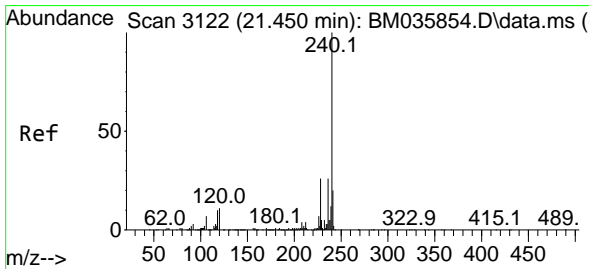
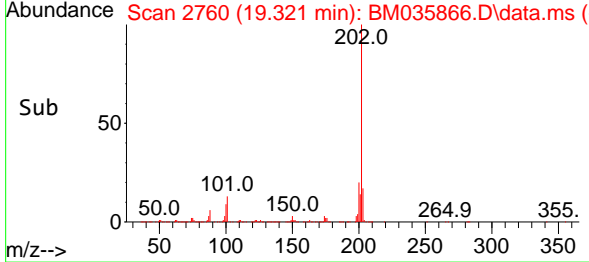
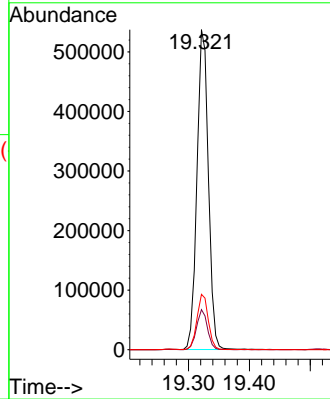
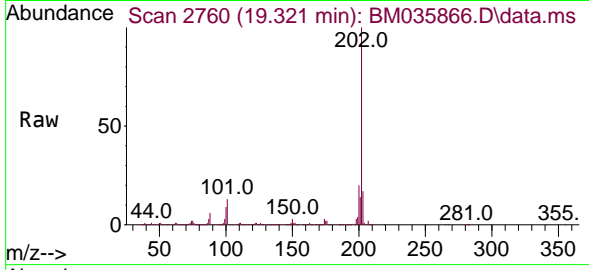




#75
 Fluoranthene
 Concen: 8.495 ng
 RT: 19.321 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM035866.D
 Acq: 19 Jul 2022 16:02

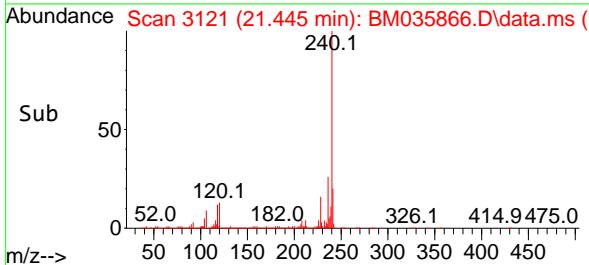
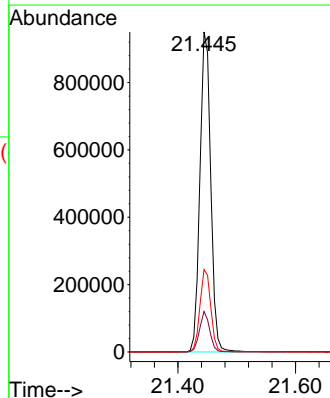
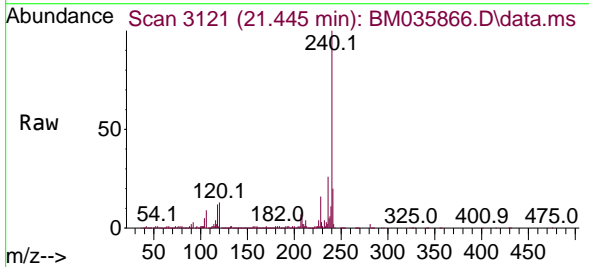
Instrument : BNA_M
 ClientSampleId : LOQ-SOIL-02-QT2-2022

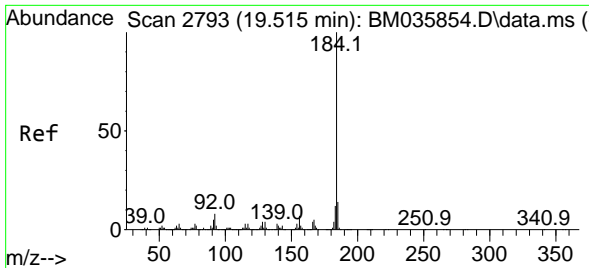
Tgt Ion	Resp	Lower	Upper
202	698829		
101	12.5	0.0	30.6
203	17.3	0.0	37.4



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.445 min Scan# 3121
 Delta R.T. -0.006 min
 Lab File: BM035866.D
 Acq: 19 Jul 2022 16:02

Tgt Ion	Resp	Lower	Upper
240	1211204		
120	12.6	9.4	14.0
236	25.7	20.6	30.8

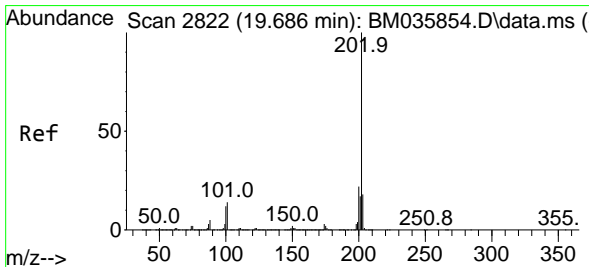
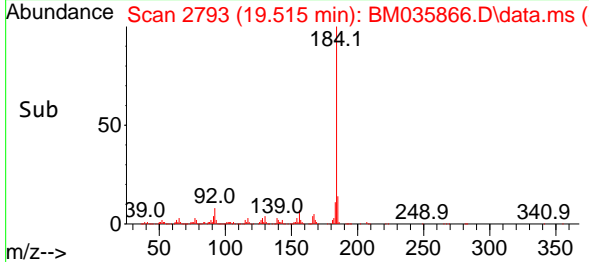
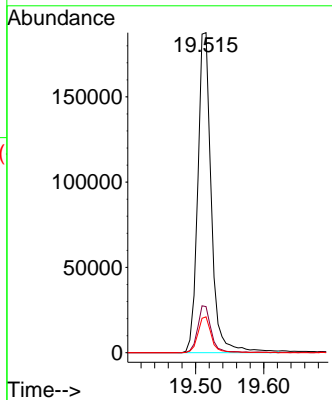
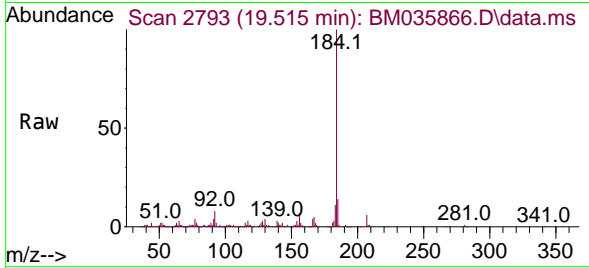




#77
 Benzidine
 Concen: 12.186 ng
 RT: 19.515 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BM035866.D
 Acq: 19 Jul 2022 16:02

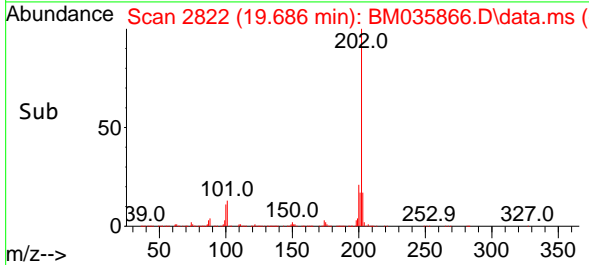
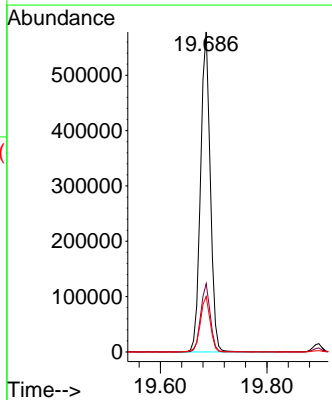
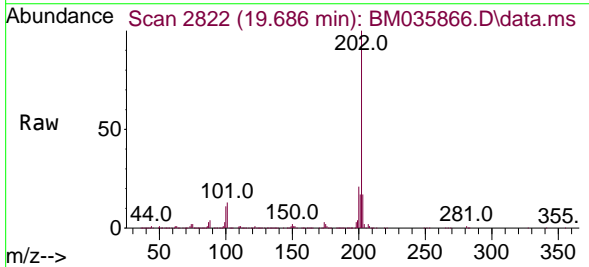
Instrument : BNA_M
 ClientSampleId : LOQ-SOIL-02-QT2-2022

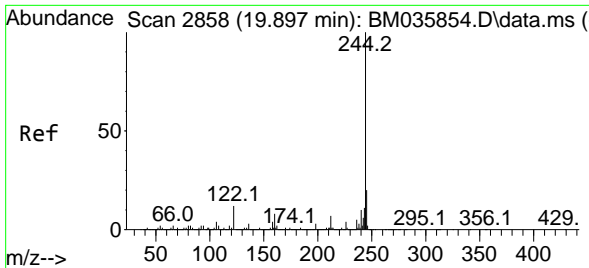
Tgt Ion	Resp	Lower	Upper
184	100		
185	14.4	11.3	16.9
183	11.2	9.5	14.3



#78
 Pyrene
 Concen: 9.239 ng
 RT: 19.686 min Scan# 2822
 Delta R.T. 0.000 min
 Lab File: BM035866.D
 Acq: 19 Jul 2022 16:02

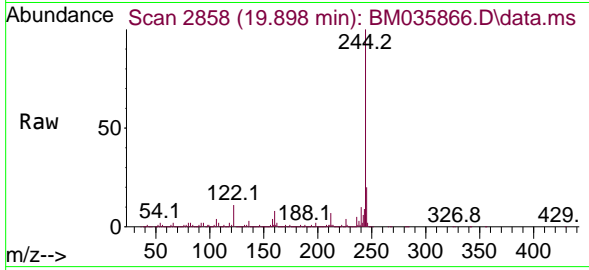
Tgt Ion	Resp	Lower	Upper
202	100		
200	21.4	16.7	25.1
203	17.4	13.9	20.9



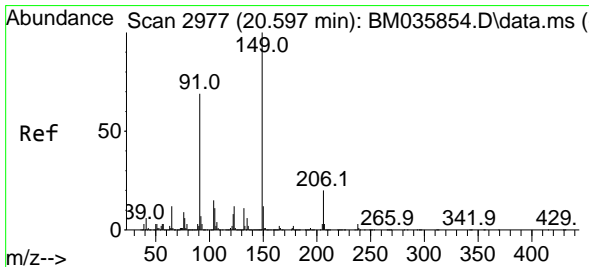
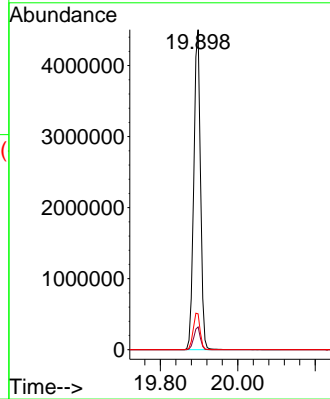
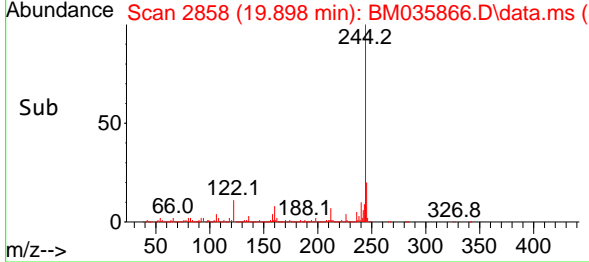


#79
 Terphenyl-d14
 Concen: 86.785 ng
 RT: 19.898 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BM035866.D
 Acq: 19 Jul 2022 16:02

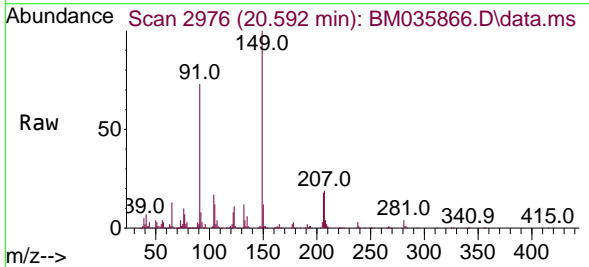
Instrument :
 BNA_M
 ClientSampleId :
 LOQ-SOIL-02-QT2-2022



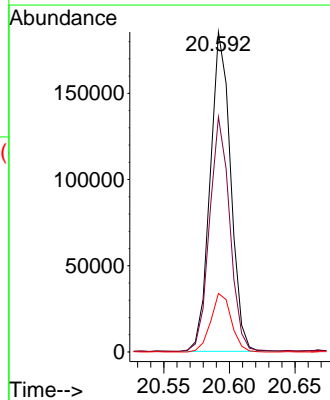
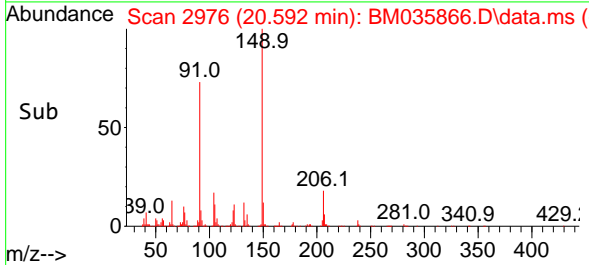
Tgt Ion:244 Resp: 5402505
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.2 9.4
 122 11.2 8.3 12.5

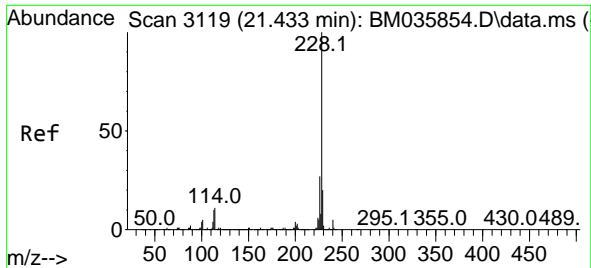


#80
 Butylbenzylphthalate
 Concen: 7.106 ng
 RT: 20.592 min Scan# 2976
 Delta R.T. -0.006 min
 Lab File: BM035866.D
 Acq: 19 Jul 2022 16:02



Tgt Ion:149 Resp: 200900
 Ion Ratio Lower Upper
 149 100
 91 73.4 56.6 85.0
 206 18.3 15.4 23.0

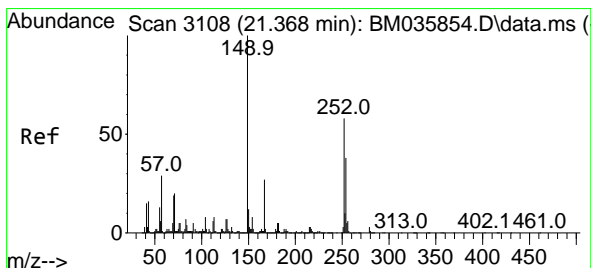
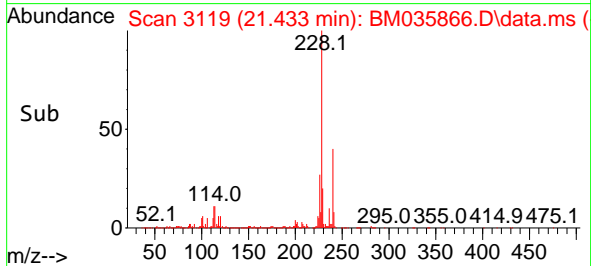
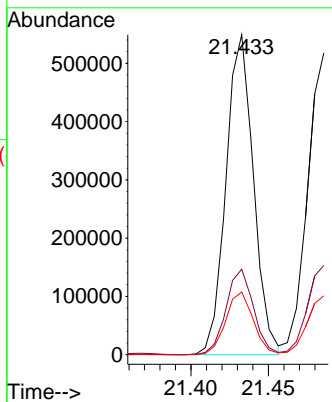
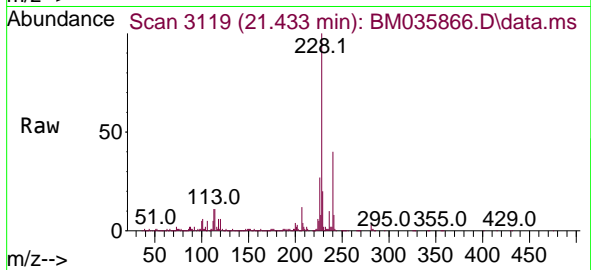




#81
 Benzo(a)anthracene
 Concen: 8.835 ng
 RT: 21.433 min Scan# 3119
 Delta R.T. 0.000 min
 Lab File: BM035866.D
 Acq: 19 Jul 2022 16:02

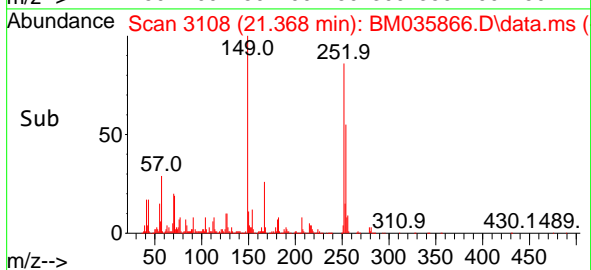
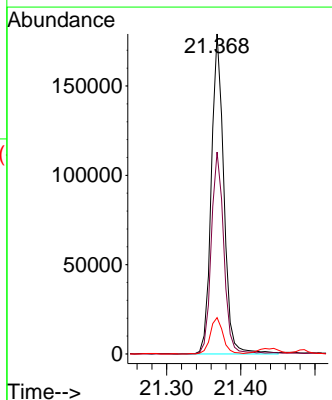
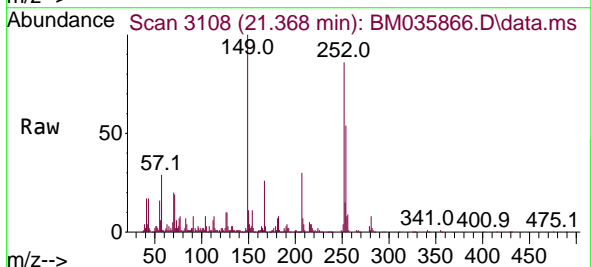
Instrument :
 BNA_M
 ClientSampleId :
 LOQ-SOIL-02-QT2-2022

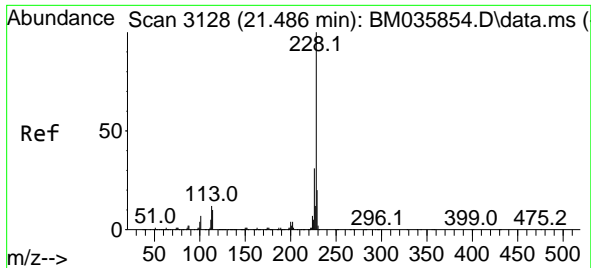
Tgt Ion:228 Resp: 677384
 Ion Ratio Lower Upper
 228 100
 226 26.7 22.3 33.5
 229 19.6 15.8 23.6



#82
 3,3'-Dichlorobenzidine
 Concen: 11.711 ng
 RT: 21.368 min Scan# 3108
 Delta R.T. 0.000 min
 Lab File: BM035866.D
 Acq: 19 Jul 2022 16:02

Tgt Ion:252 Resp: 210320
 Ion Ratio Lower Upper
 252 100
 254 63.1 51.7 77.5
 126 11.4 9.4 14.0



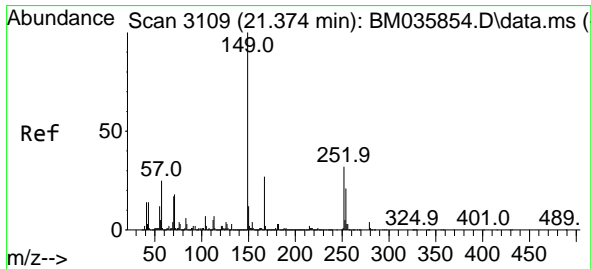
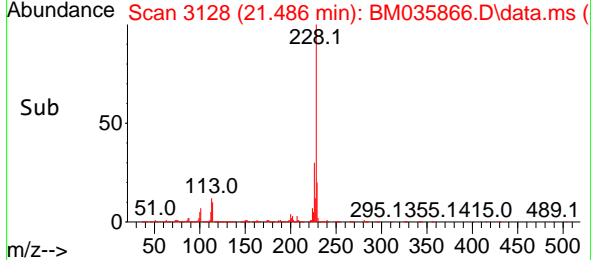
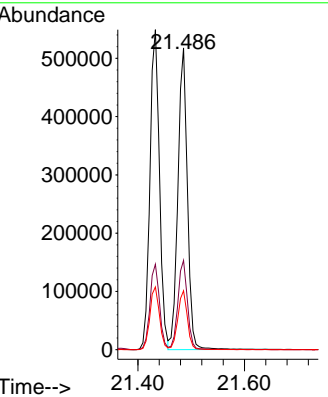
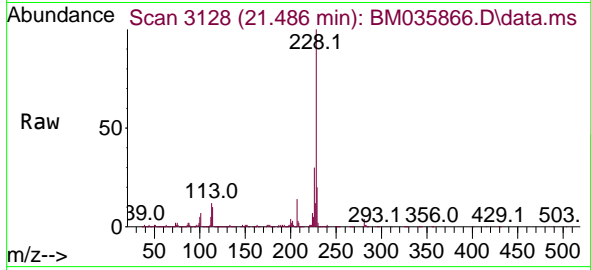


#83
 Chrysene
 Concen: 8.752 ng
 RT: 21.486 min Scan# 3128
 Delta R.T. 0.000 min
 Lab File: BM035866.D
 Acq: 19 Jul 2022 16:02

Instrument : BNA_M
 ClientSampleId : LOQ-SOIL-02-QT2-2022

Tgt Ion:228 Resp: 640289

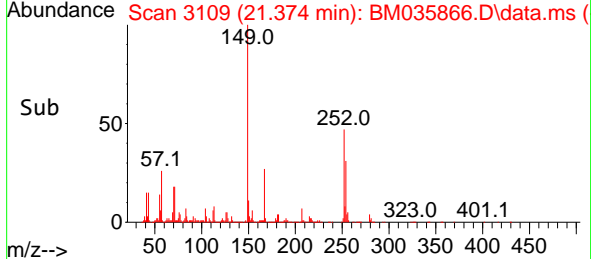
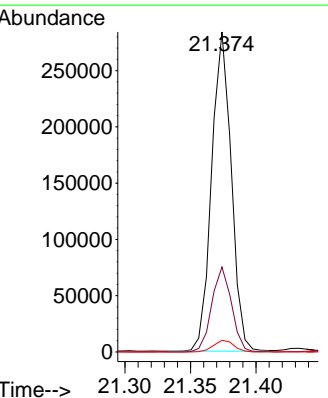
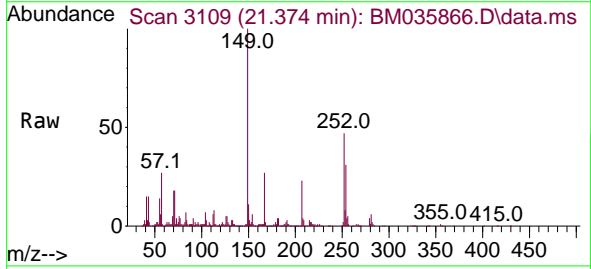
Ion	Ratio	Lower	Upper
228	100		
226	29.6	24.4	36.6
229	19.5	15.8	23.8

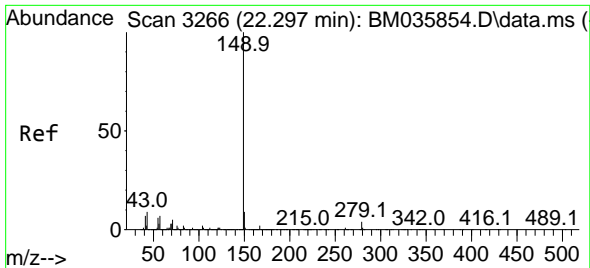


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 7.395 ng
 RT: 21.374 min Scan# 3109
 Delta R.T. 0.000 min
 Lab File: BM035866.D
 Acq: 19 Jul 2022 16:02

Tgt Ion:149 Resp: 294687

Ion	Ratio	Lower	Upper
149	100		
167	26.6	21.1	31.7
279	3.6	2.8	4.2



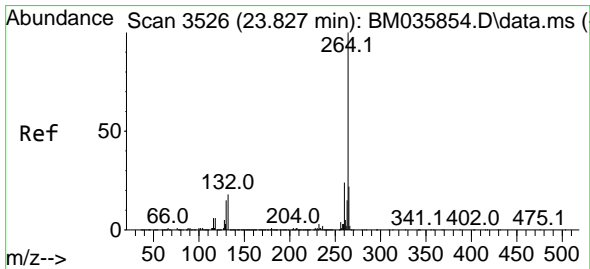
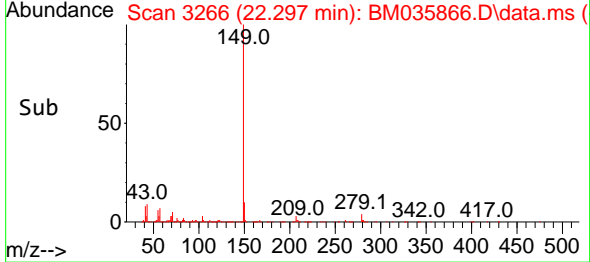
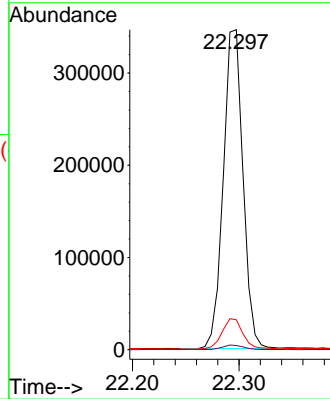
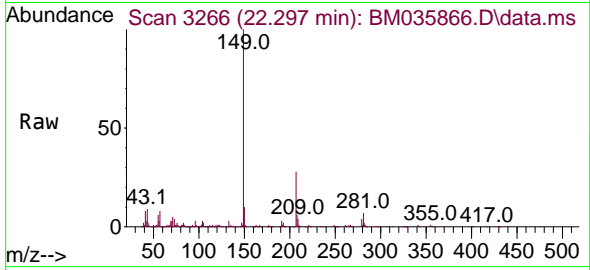


#85
 Di-n-octyl phthalate
 Concen: 7.000 ng
 RT: 22.297 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: BM035866.D
 Acq: 19 Jul 2022 16:02

Instrument :
 BNA_M
 ClientSampleId :
 LOQ-SOIL-02-QT2-2022

Tgt Ion:149 Resp: 442514

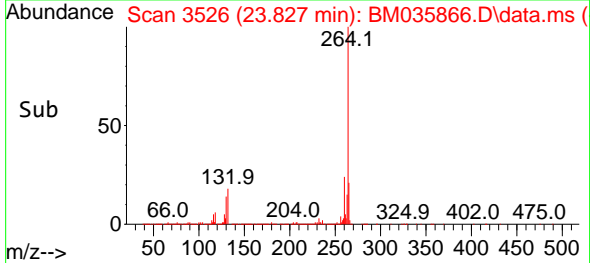
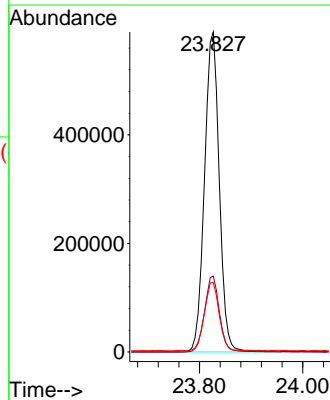
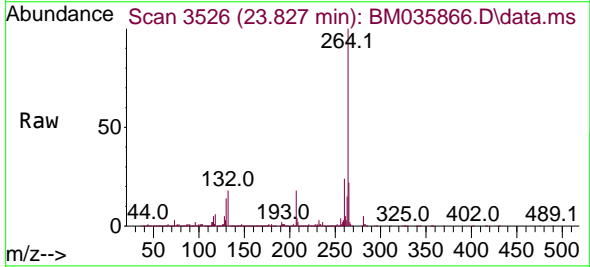
Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	10.1	8.6	12.8

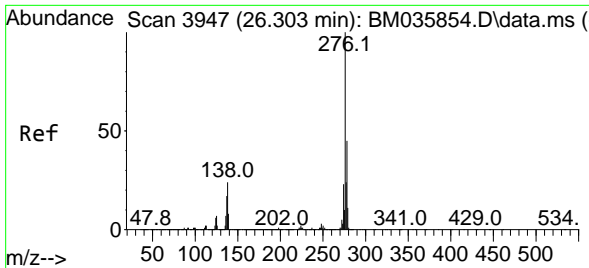


#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.827 min Scan# 3526
 Delta R.T. 0.000 min
 Lab File: BM035866.D
 Acq: 19 Jul 2022 16:02

Tgt Ion:264 Resp: 1168206

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.9	28.3
265	21.7	17.5	26.3



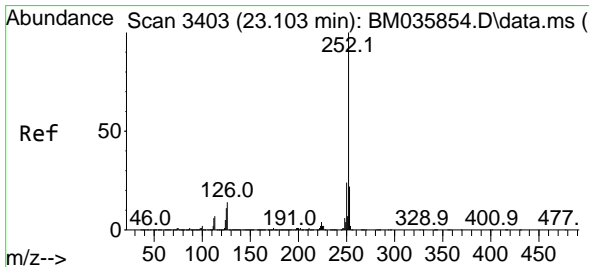
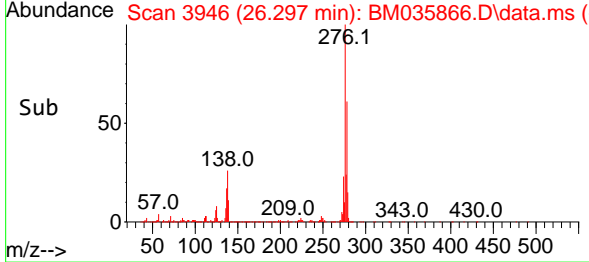
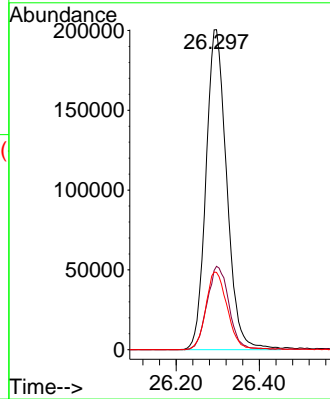
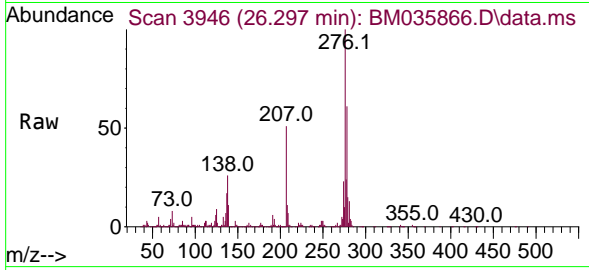


#87
 Indeno(1,2,3-cd)pyrene
 Concen: 8.136 ng
 RT: 26.297 min Scan# 3946
 Delta R.T. -0.006 min
 Lab File: BM035866.D
 Acq: 19 Jul 2022 16:02

Instrument :
 BNA_M
 ClientSampleId :
 LOQ-SOIL-02-QT2-2022

Tgt Ion: 276 Resp: 694459

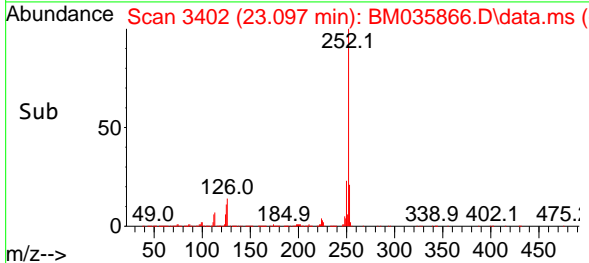
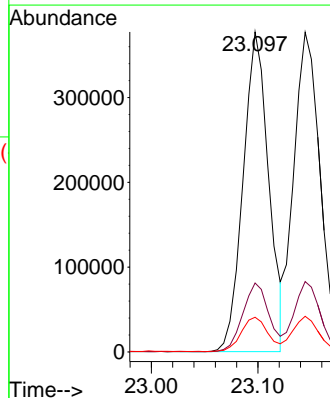
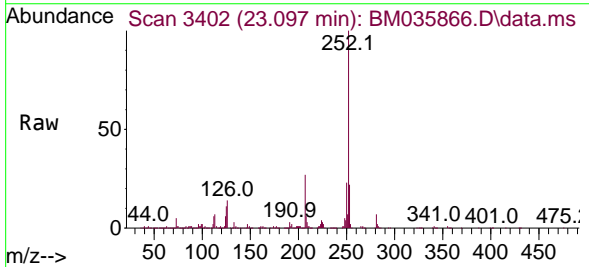
Ion	Ratio	Lower	Upper
276	100		
138	27.6	20.2	30.4
277	25.2	20.2	30.2

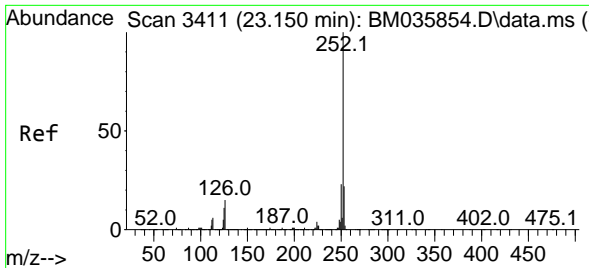


#88
 Benzo(b)fluoranthene
 Concen: 9.047 ng
 RT: 23.097 min Scan# 3402
 Delta R.T. -0.006 min
 Lab File: BM035866.D
 Acq: 19 Jul 2022 16:02

Tgt Ion: 252 Resp: 629125

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.6	26.4
125	10.8	7.6	11.4

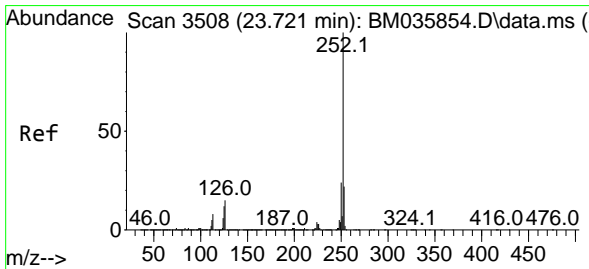
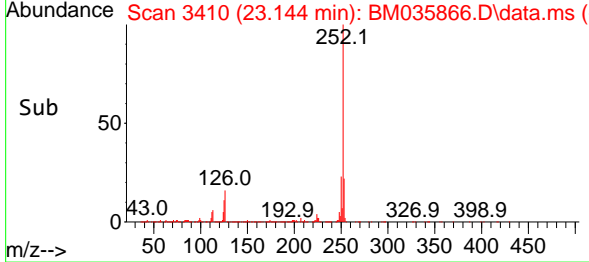
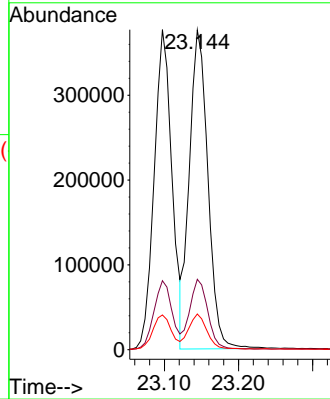
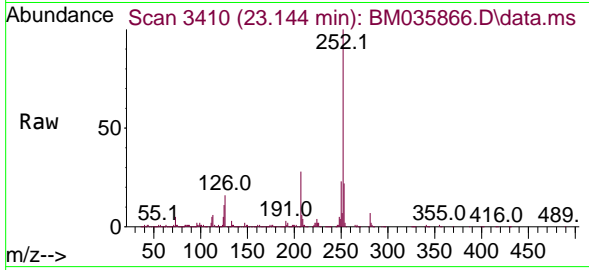




#89
 Benzo(k)fluoranthene
 Concen: 9.086 ng
 RT: 23.144 min Scan# 34
 Delta R.T. -0.006 min
 Lab File: BM035866.D
 Acq: 19 Jul 2022 16:02

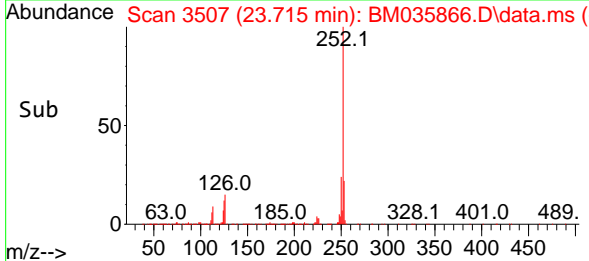
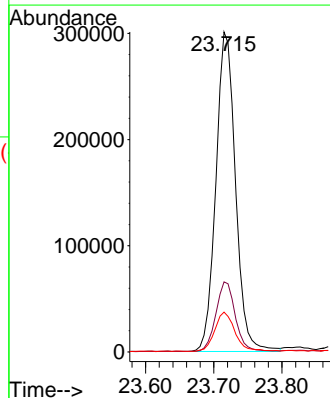
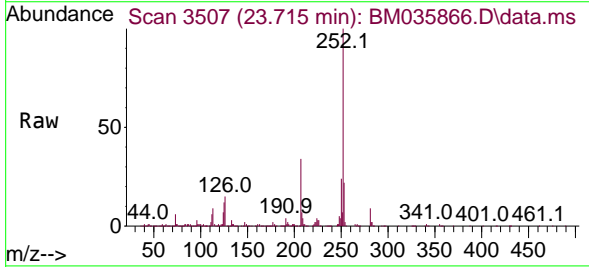
Instrument :
 BNA_M
 ClientSampleId :
 LOQ-SOIL-02-QT2-2022

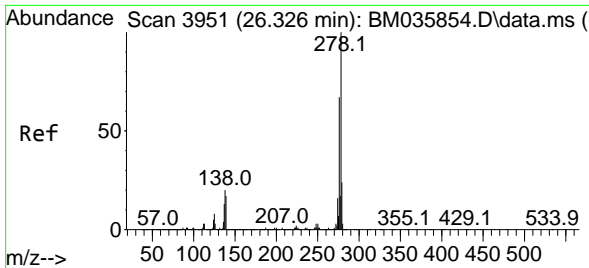
Tgt Ion:252 Resp: 653821
 Ion Ratio Lower Upper
 252 100
 253 22.0 17.5 26.3
 125 11.2 7.6 11.4



#90
 Benzo(a)pyrene
 Concen: 10.184 ng
 RT: 23.715 min Scan# 3507
 Delta R.T. -0.006 min
 Lab File: BM035866.D
 Acq: 19 Jul 2022 16:02

Tgt Ion:252 Resp: 602790
 Ion Ratio Lower Upper
 252 100
 253 21.9 17.2 25.8
 125 12.5 8.7 13.1



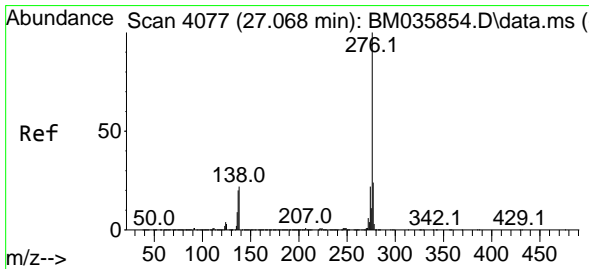
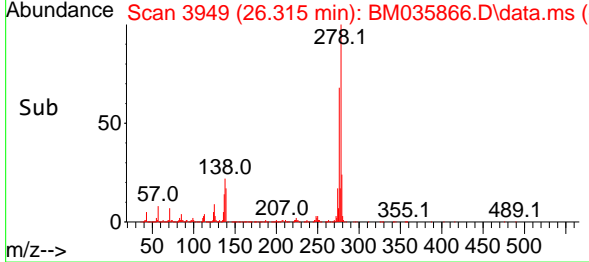
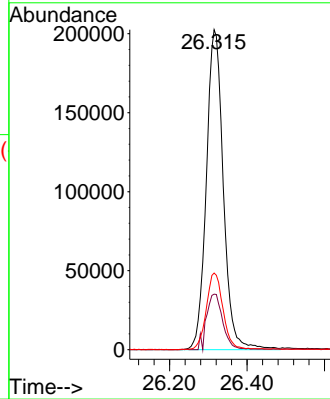
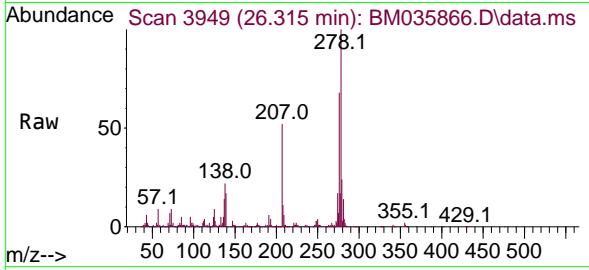


#91
 Dibenzo(a,h)anthracene
 Concen: 8.705 ng
 RT: 26.315 min Scan# 3949
 Delta R.T. -0.012 min
 Lab File: BM035866.D
 Acq: 19 Jul 2022 16:02

Instrument : BNA_M
 ClientSampleId : LOQ-SOIL-02-QT2-2022

Tgt Ion:278 Resp: 617436

Ion	Ratio	Lower	Upper
278	100		
139	17.4	12.9	19.3
279	24.0	18.7	28.1



#92
 Benzo(g,h,i)perylene
 Concen: 8.809 ng
 RT: 27.056 min Scan# 4075
 Delta R.T. -0.012 min
 Lab File: BM035866.D
 Acq: 19 Jul 2022 16:02

Tgt Ion:276 Resp: 616189

Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.7	28.1
138	23.1	17.6	26.4

