

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031822\
 Data File : BP009454.D
 Acq On : 18 Mar 2022 13:00
 Operator : CG/JU
 Sample : N1645-01
 Misc : LOD-MDL-SOIL 8ppm
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2022

Quant Time: Mar 18 14:31:45 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 18 14:30:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.799	152	253326	20.000	ng	0.00
21) Naphthalene-d8	10.593	136	975275	20.000	ng	0.00
39) Acenaphthene-d10	14.439	164	657252	20.000	ng	0.00
64) Phenanthrene-d10	17.204	188	1391959	20.000	ng	0.00
76) Chrysene-d12	21.310	240	1531057	20.000	ng	0.00
86) Perylene-d12	23.715	264	1594666	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.405	112	2240591	154.422	ng	0.00
7) Phenol-d6	6.987	99	2946093	150.142	ng	0.00
23) Nitrobenzene-d5	8.951	82	1575705	85.857	ng	0.00
42) 2,4,6-Tribromophenol	15.939	330	1595916	147.146	ng	0.00
45) 2-Fluorobiphenyl	13.063	172	3915362	82.584	ng	0.00
79) Terphenyl-d14	19.780	244	6875542	80.603	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.328	88	44171	7.686	ng	99
3) Pyridine	3.734	79	107790	6.964	ng	95
4) n-Nitrosodimethylamine	3.640	42	42385	7.435	ng	# 99
6) Aniline	7.128	93	189601	8.478	ng	98
8) 2-Chlorophenol	7.369	128	126411	7.640	ng	96
9) Benzaldehyde	6.946	77	115310	11.087	ng	97
10) Phenol	7.016	94	152745	7.759	ng	88
11) bis(2-Chloroethyl)ether	7.228	93	121913	7.825	ng	97
12) 1,3-Dichlorobenzene	7.687	146	148049	7.928	ng	98
13) 1,4-Dichlorobenzene	7.834	146	153216	8.025	ng	98
14) 1,2-Dichlorobenzene	8.152	146	145819	7.902	ng	99
15) Benzyl Alcohol	8.052	79	67572	4.319	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.334	45	136608	8.089	ng	94
17) 2-Methylphenol	8.257	107	98466	7.258	ng	98
18) Hexachloroethane	8.875	117	53696	8.025	ng	95
19) n-Nitroso-di-n-propyla...	8.604	70	90248	7.272	ng	99
20) 3+4-Methylphenols	8.599	107	123210	6.605	ng	# 87
22) Acetophenone	8.622	105	187863	7.783	ng	# 98
24) Nitrobenzene	8.999	77	144769	8.350	ng	95
25) Isophorone	9.528	82	251771	8.042	ng	98
26) 2-Nitrophenol	9.710	139	62053	6.867	ng	95
27) 2,4-Dimethylphenol	9.793	122	94510	7.412	ng	95
28) bis(2-Chloroethoxy)met...	10.010	93	147827	7.252	ng	99
29) 2,4-Dichlorophenol	10.275	162	99699	6.410	ng	99
30) 1,2,4-Trichlorobenzene	10.457	180	139427	7.737	ng	99
31) Naphthalene	10.640	128	402836	8.019	ng	100
32) Benzoic acid	9.951	122	24410	2.448	ng	88
33) 4-Chloroaniline	10.769	127	129722	6.328	ng	98
34) Hexachlorobutadiene	10.934	225	92924	7.610	ng	99
35) Caprolactam	11.540	113	37474	7.139	ng	94
36) 4-Chloro-3-methylphenol	11.910	107	119873	7.172	ng	97
37) 2-Methylnaphthalene	12.257	142	265255	7.525	ng	97
38) 1-Methylnaphthalene	12.475	142	263610	7.677	ng	99
40) 1,2,4,5-Tetrachloroben...	12.634	216	159441	7.311	ng	98
41) Hexachlorocyclopentadiene	12.610	237	29006	3.775	ng	96
43) 2,4,6-Trichlorophenol	12.887	196	94963	6.570	ng	97

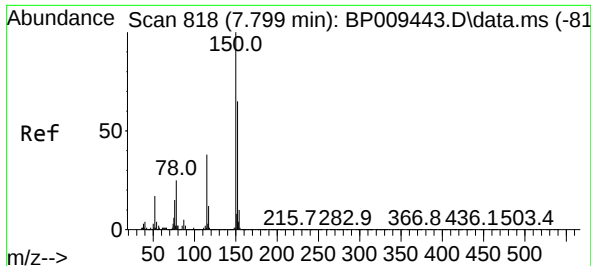
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 18 14:30:34 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.969	196	100742	6.418	ng	99
46) 1,1'-Biphenyl	13.275	154	383726	7.826	ng	98
47) 2-Chloronaphthalene	13.310	162	291181	7.543	ng	99
48) 2-Nitroaniline	13.522	65	70388	6.695	ng	95
49) Acenaphthylene	14.157	152	480431	8.062	ng	99
50) Dimethylphthalate	13.898	163	368477	7.399	ng	100
51) 2,6-Dinitrotoluene	14.016	165	77759	7.452	ng	98
52) Acenaphthene	14.504	154	271351	7.623	ng	98
53) 3-Nitroaniline	14.357	138	72986	6.622	ng	97
54) 2,4-Dinitrophenol	14.581	184	22352	3.900	ng	94
55) Dibenzofuran	14.839	168	449313	7.513	ng	99
56) 4-Nitrophenol	14.728	139	31198	3.797	ng	97
57) 2,4-Dinitrotoluene	14.810	165	98771	6.884	ng	97
58) Fluorene	15.492	166	362504	7.707	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.081	232	95712	6.726	ng	94
60) Diethylphthalate	15.269	149	363790	7.299	ng	99
61) 4-Chlorophenyl-phenyle...	15.486	204	191521	7.392	ng	99
62) 4-Nitroaniline	15.528	138	72332	6.249	ng	96
63) Azobenzene	15.786	77	314649	7.257	ng	96
65) 4,6-Dinitro-2-methylph...	15.592	198	41106	4.593	ng	98
66) n-Nitrosodiphenylamine	15.704	169	313650	7.614	ng	97
67) 4-Bromophenyl-phenylether	16.392	248	121066	7.108	ng	93
68) Hexachlorobenzene	16.510	284	145494	7.422	ng	94
69) Atrazine	16.669	200	116122	8.018	ng	98
70) Pentachlorophenol	16.875	266	61407	5.860	ng	100
71) Phenanthrene	17.245	178	581095	7.799	ng	99
72) Anthracene	17.339	178	567843	7.719	ng	100
73) Carbazole	17.616	167	514511	7.151	ng	99
74) Di-n-butylphthalate	18.175	149	611111	7.248	ng	99
75) Fluoranthene	19.222	202	704700	7.812	ng	98
77) Benzidine	19.416	184	283399	7.552	ng	98
78) Pyrene	19.580	202	742969	7.364	ng	98
80) Butylbenzylphthalate	20.463	149	289983	6.762	ng	94
81) Benzo(a)anthracene	21.298	228	770875	7.664	ng	98
82) 3,3'-Dichlorobenzidine	21.239	252	293205	7.545	ng	99
83) Chrysene	21.351	228	731449	7.679	ng	99
84) Bis(2-ethylhexyl)phtha...	21.233	149	442570	7.404	ng	99
85) Di-n-octyl phthalate	22.157	149	740829	7.191	ng	98
87) Indeno(1,2,3-cd)pyrene	26.215	276	874919	7.232	ng	96
88) Benzo(b)fluoranthene	22.980	252	799643	8.400	ng	98
89) Benzo(k)fluoranthene	23.033	252	740144	7.941	ng	98
90) Benzo(a)pyrene	23.610	252	748946	9.195	ng	98
91) Dibenzo(a,h)anthracene	26.233	278	781876	7.754	ng	97
92) Benzo(g,h,i)perylene	26.986	276	761791	7.680	ng	95

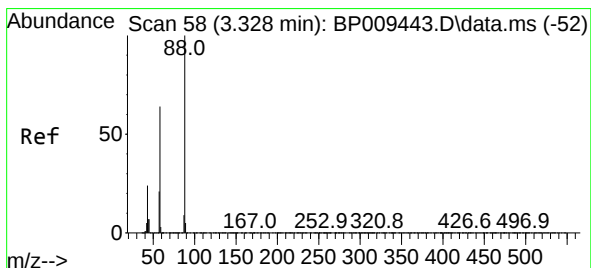
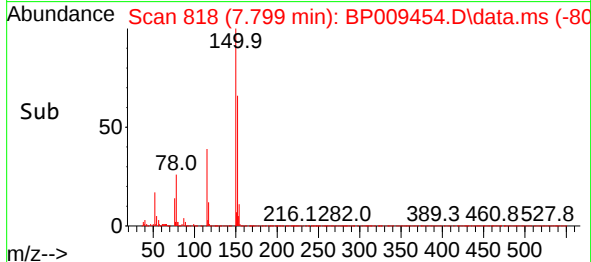
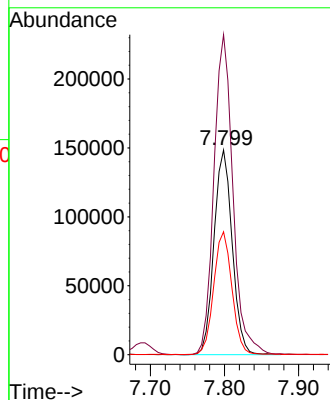
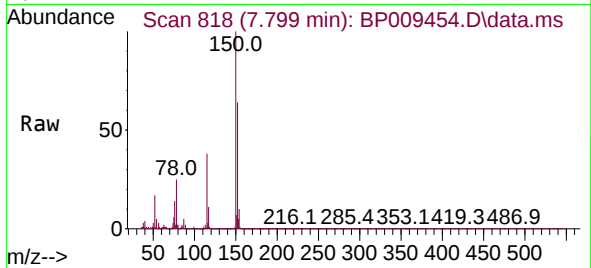
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.799 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: BP009454.D
 Acq: 18 Mar 2022 13:00

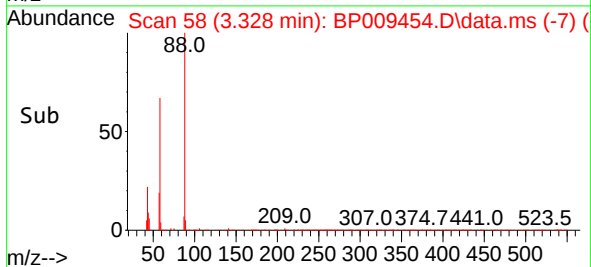
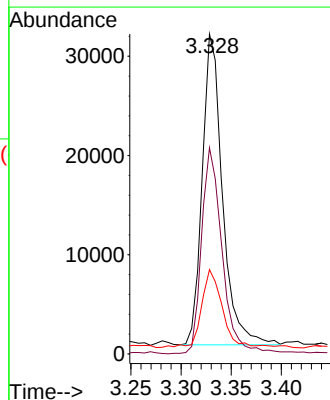
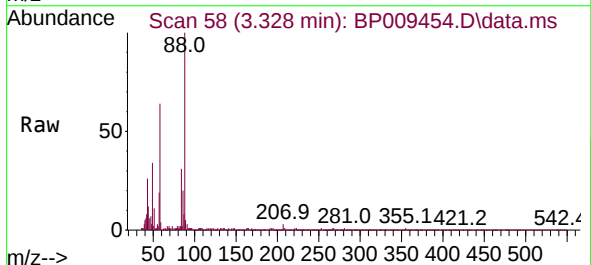
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 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2022

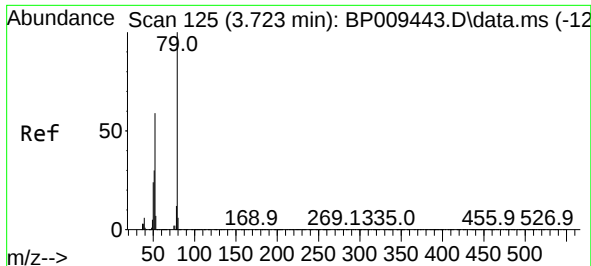
Tgt Ion:152 Resp: 253326
 Ion Ratio Lower Upper
 152 100
 150 156.4 124.5 186.7
 115 60.1 48.2 72.4



#2
 1,4-Dioxane
 Concen: 7.686 ng
 RT: 3.328 min Scan# 58
 Delta R.T. -0.000 min
 Lab File: BP009454.D
 Acq: 18 Mar 2022 13:00

Tgt Ion: 88 Resp: 44171
 Ion Ratio Lower Upper
 88 100
 58 68.0 54.2 81.2
 43 24.7 20.4 30.6

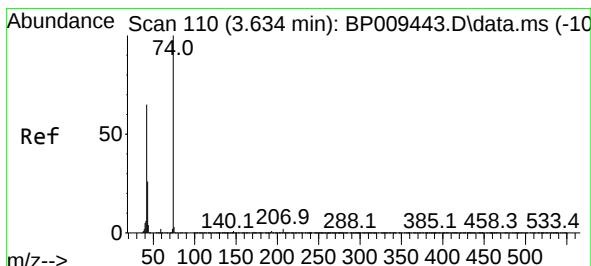
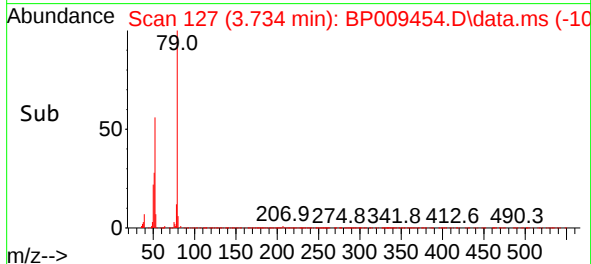
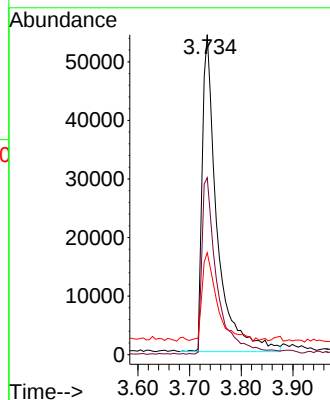
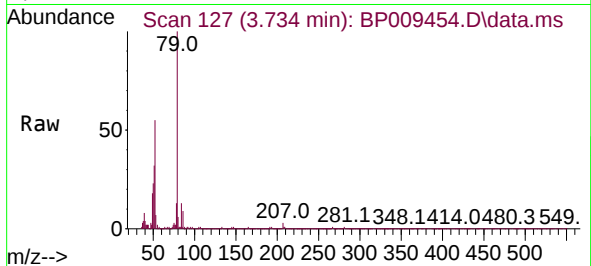




#3
Pyridine
Concen: 6.964 ng
RT: 3.734 min Scan# 110
Delta R.T. 0.012 min
Lab File: BP009454.D
Acq: 18 Mar 2022 13:00

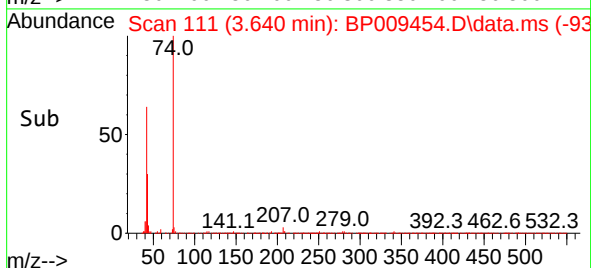
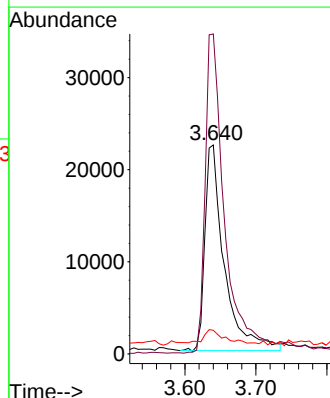
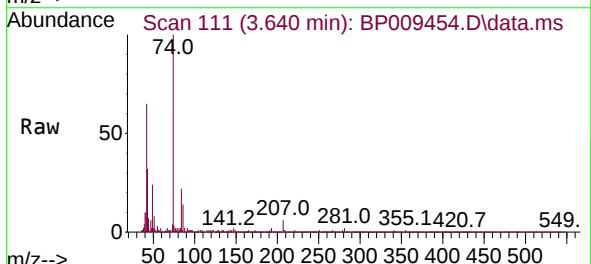
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022

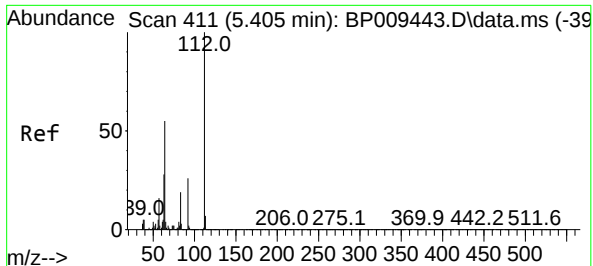
Tgt Ion: 79 Resp: 107790
Ion Ratio Lower Upper
79 100
52 55.3 47.5 71.3
51 31.9 24.1 36.1



#4
n-Nitrosodimethylamine
Concen: 7.435 ng
RT: 3.640 min Scan# 111
Delta R.T. 0.006 min
Lab File: BP009454.D
Acq: 18 Mar 2022 13:00

Tgt Ion: 42 Resp: 42385
Ion Ratio Lower Upper
42 100
74 153.1 122.1 183.1
44 11.4 5.8 8.8

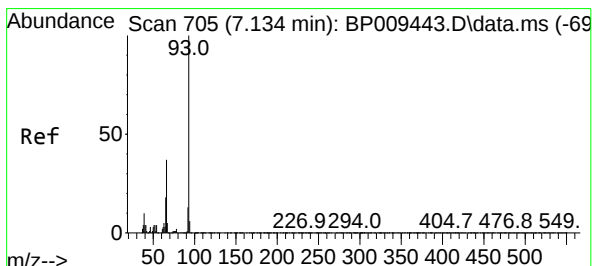
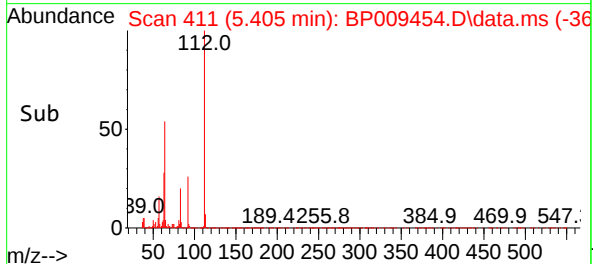
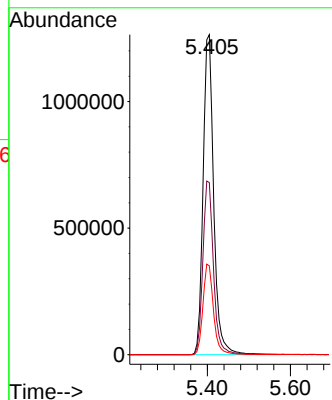
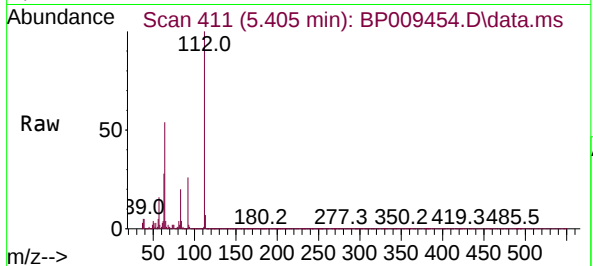




#5
2-Fluorophenol
Concen: 154.422 ng
RT: 5.405 min Scan# 411
Delta R.T. -0.000 min
Lab File: BP009454.D
Acq: 18 Mar 2022 13:00

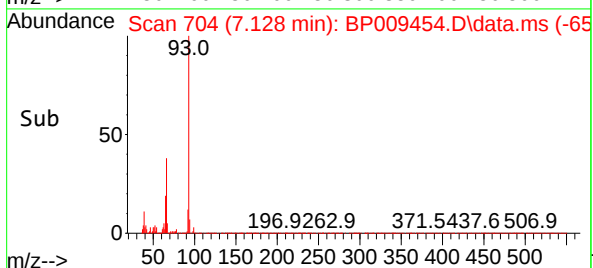
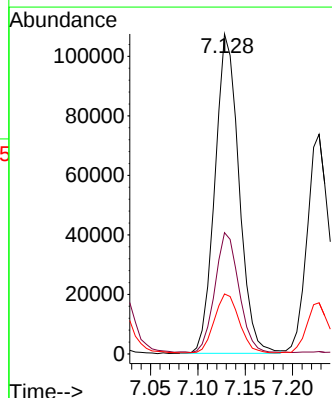
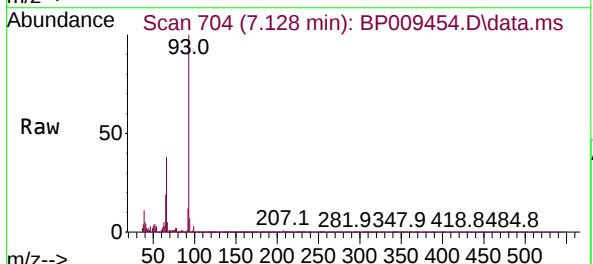
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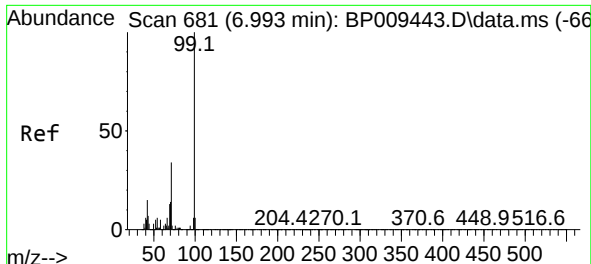
Tgt Ion:112 Resp: 2240591
Ion Ratio Lower Upper
112 100
64 53.8 45.0 67.4
63 27.8 23.0 34.6



#6
Aniline
Concen: 8.478 ng
RT: 7.128 min Scan# 704
Delta R.T. -0.006 min
Lab File: BP009454.D
Acq: 18 Mar 2022 13:00

Tgt Ion: 93 Resp: 189601
Ion Ratio Lower Upper
93 100
66 37.9 30.9 46.3
65 18.8 15.8 23.8

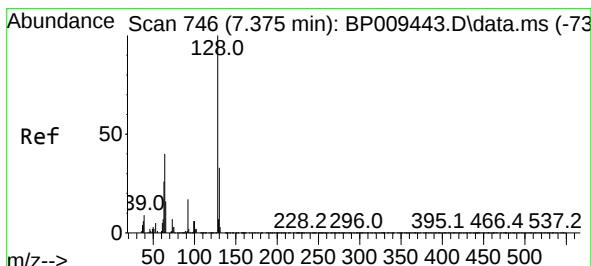
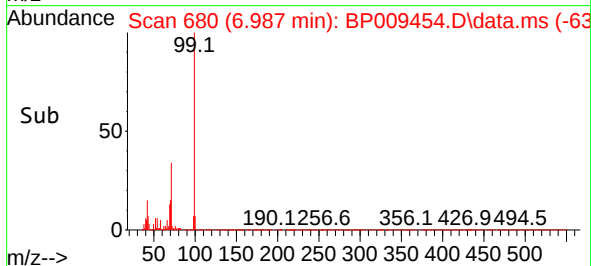
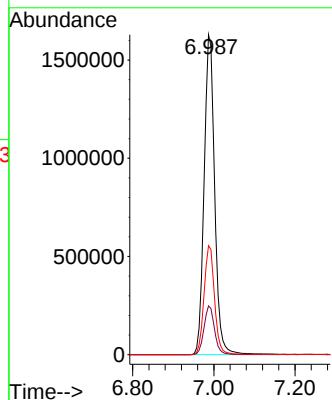
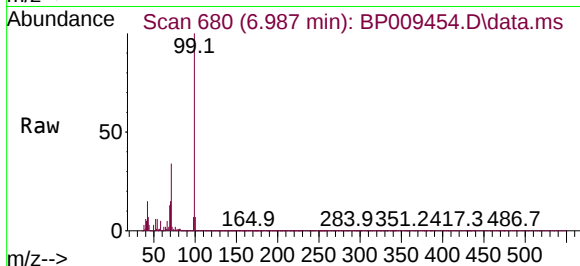




#7
Phenol-d6
Concen: 150.142 ng
RT: 6.987 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP009454.D
Acq: 18 Mar 2022 13:00

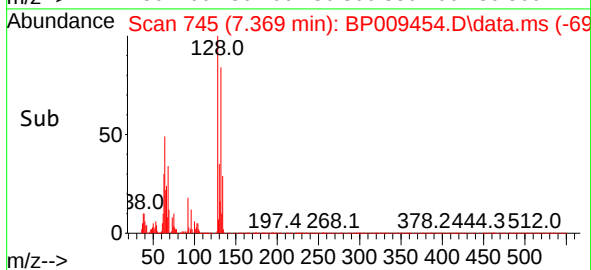
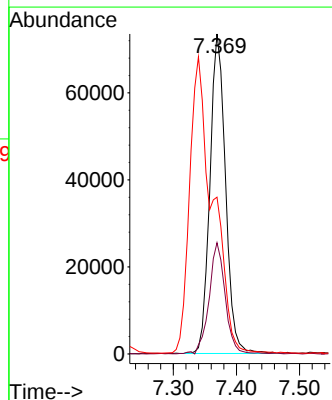
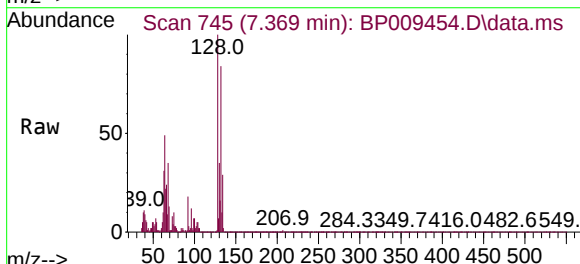
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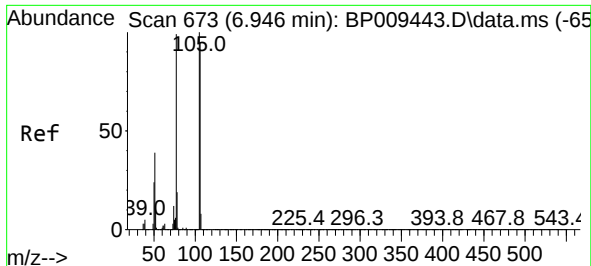
Tgt Ion: 99 Resp: 2946093
Ion Ratio Lower Upper
99 100
42 15.2 12.8 19.2
71 34.1 26.3 39.5



#8
2-Chlorophenol
Concen: 7.640 ng
RT: 7.369 min Scan# 745
Delta R.T. -0.006 min
Lab File: BP009454.D
Acq: 18 Mar 2022 13:00

Tgt Ion: 128 Resp: 126411
Ion Ratio Lower Upper
128 100
130 34.7 12.5 52.5
64 49.0 26.2 66.2

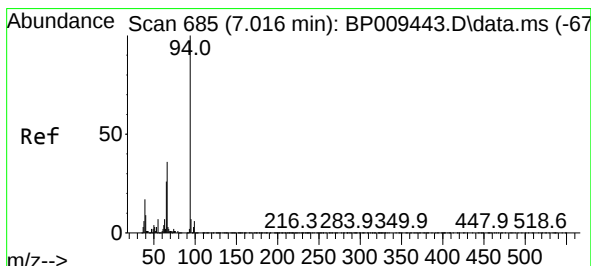
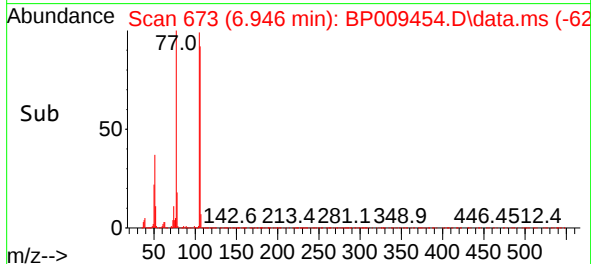
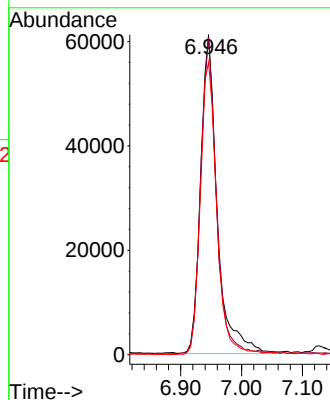
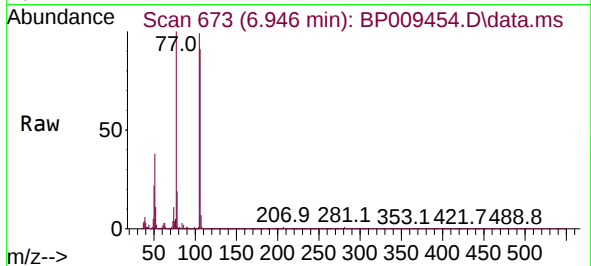




#9
Benzaldehyde
Concen: 11.087 ng
RT: 6.946 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP009454.D
Acq: 18 Mar 2022 13:00

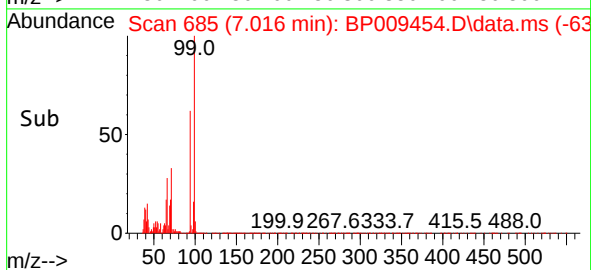
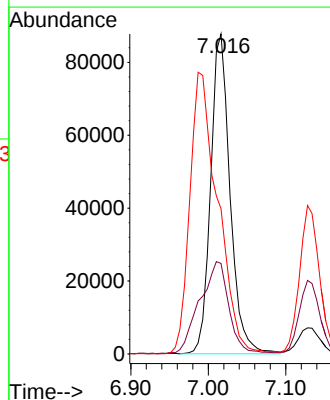
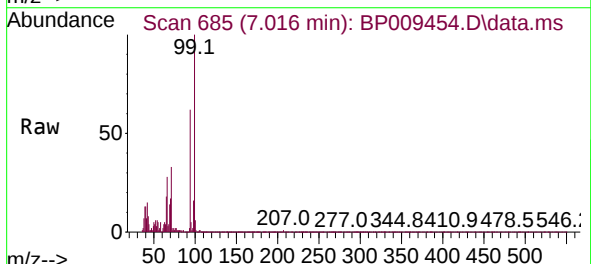
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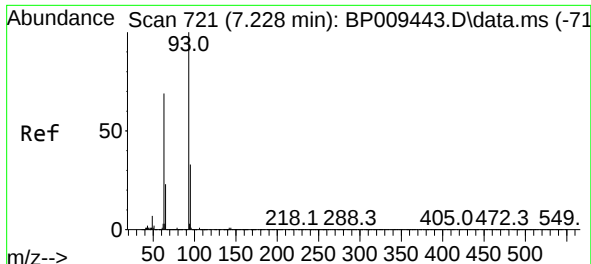
Tgt Ion: 77 Resp: 115310
Ion Ratio Lower Upper
77 100
105 99.2 75.2 115.2
106 91.4 72.3 112.3



#10
Phenol
Concen: 7.759 ng
RT: 7.016 min Scan# 685
Delta R.T. -0.000 min
Lab File: BP009454.D
Acq: 18 Mar 2022 13:00

Tgt Ion: 94 Resp: 152745
Ion Ratio Lower Upper
94 100
65 28.3 7.2 47.2
66 45.4 14.3 54.3

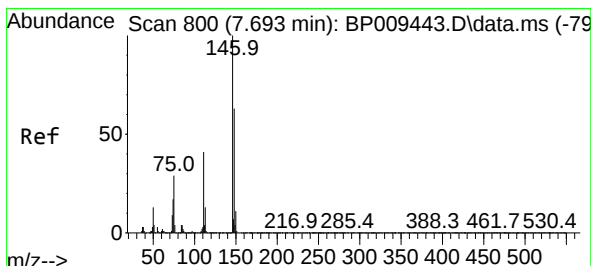
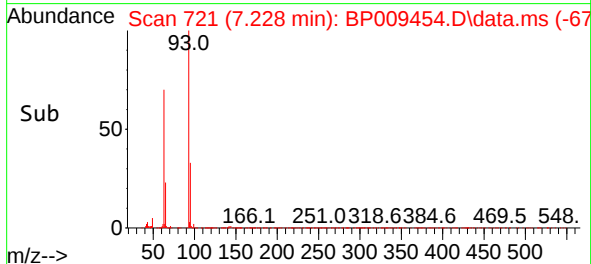
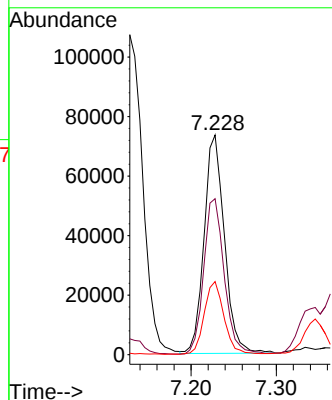
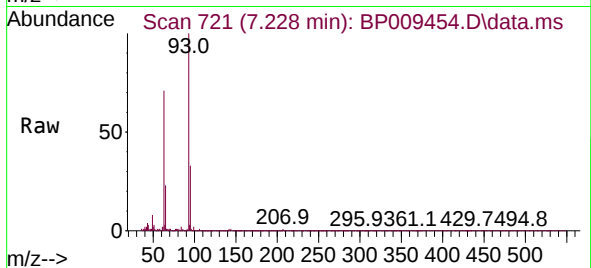




#11
bis(2-Chloroethyl)ether
Concen: 7.825 ng
RT: 7.228 min Scan# 719
Delta R.T. -0.000 min
Lab File: BP009454.D
Acq: 18 Mar 2022 13:00

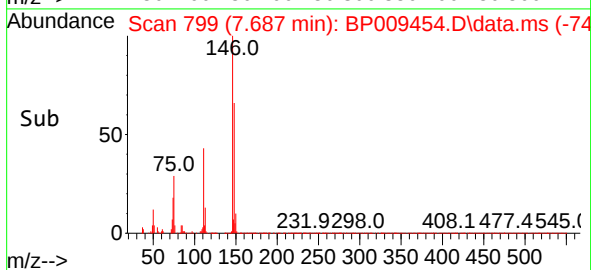
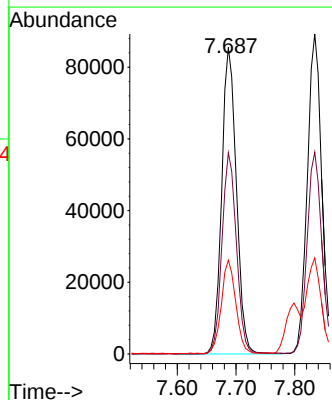
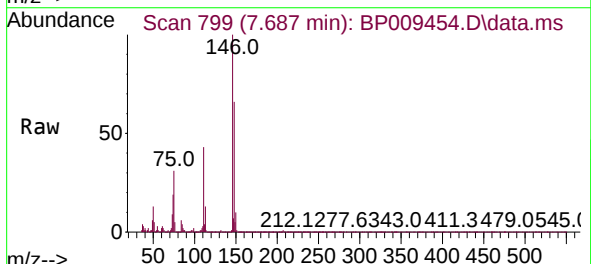
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022

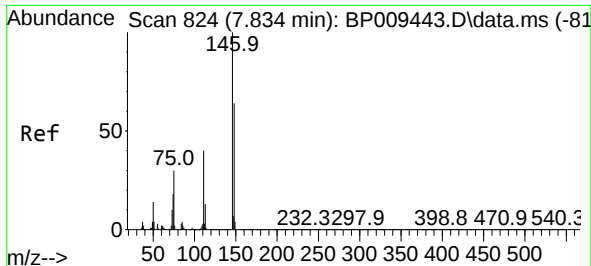
Tgt Ion: 93 Resp: 121913
Ion Ratio Lower Upper
93 100
63 71.0 53.5 93.5
95 33.3 12.0 52.0



#12
1,3-Dichlorobenzene
Concen: 7.928 ng
RT: 7.687 min Scan# 799
Delta R.T. -0.006 min
Lab File: BP009454.D
Acq: 18 Mar 2022 13:00

Tgt Ion: 146 Resp: 148049
Ion Ratio Lower Upper
146 100
148 65.7 51.4 77.0
75 30.6 25.3 37.9

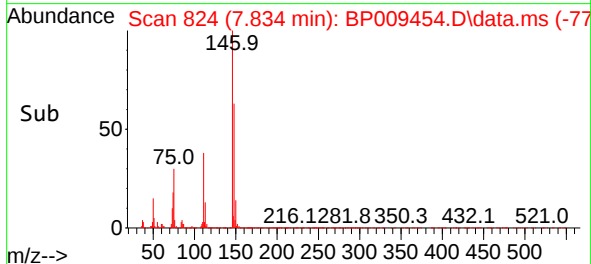
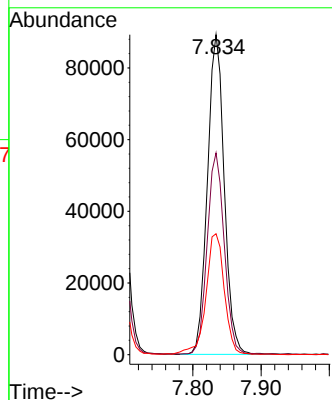
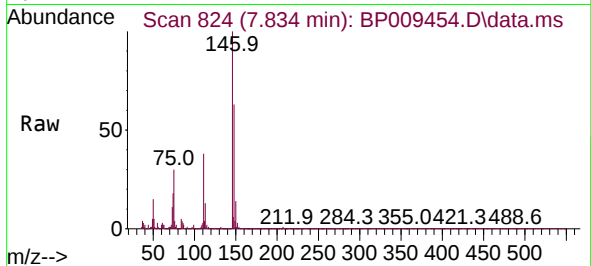




#13
1,4-Dichlorobenzene
Concen: 8.025 ng
RT: 7.834 min Scan# 81
Delta R.T. -0.000 min
Lab File: BP009454.D
Acq: 18 Mar 2022 13:00

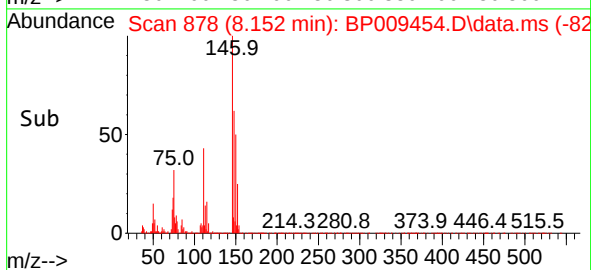
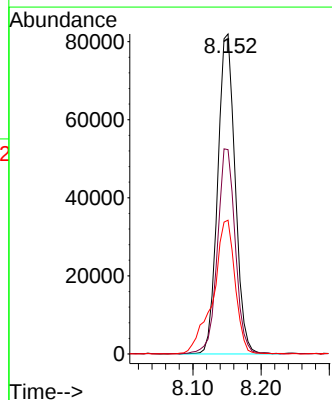
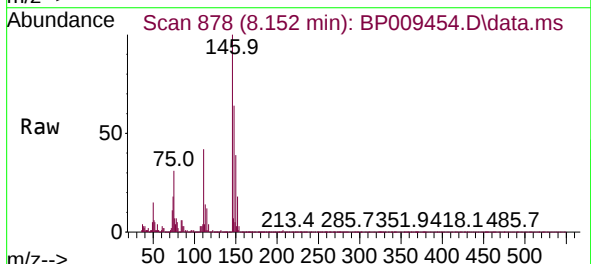
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022

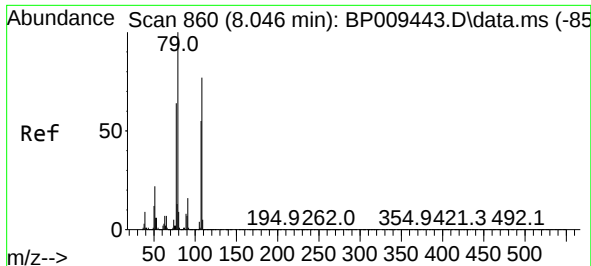
Tgt Ion:146 Resp: 153216
Ion Ratio Lower Upper
146 100
148 63.1 51.1 76.7
111 37.8 32.1 48.1



#14
1,2-Dichlorobenzene
Concen: 7.902 ng
RT: 8.152 min Scan# 878
Delta R.T. -0.000 min
Lab File: BP009454.D
Acq: 18 Mar 2022 13:00

Tgt Ion:146 Resp: 145819
Ion Ratio Lower Upper
146 100
148 63.9 50.9 76.3
111 41.8 34.1 51.1

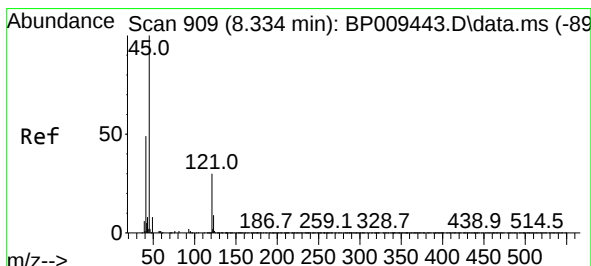
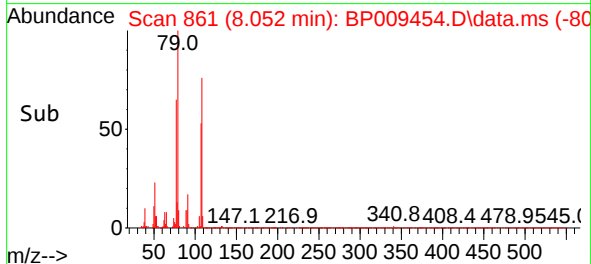
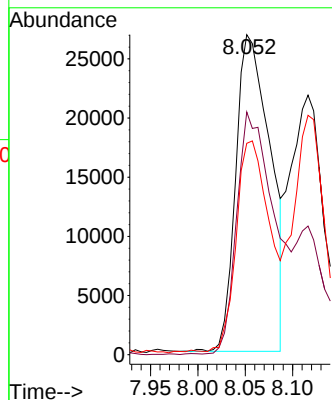
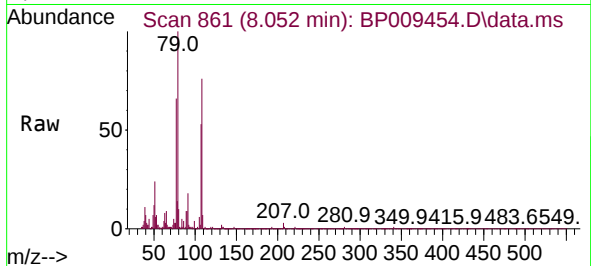




#15
Benzyl Alcohol
Concen: 4.319 ng
RT: 8.052 min Scan# 861
Delta R.T. 0.006 min
Lab File: BP009454.D
Acq: 18 Mar 2022 13:00

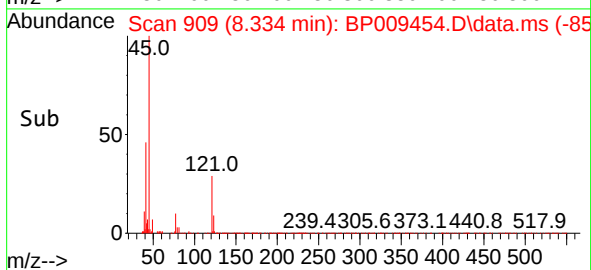
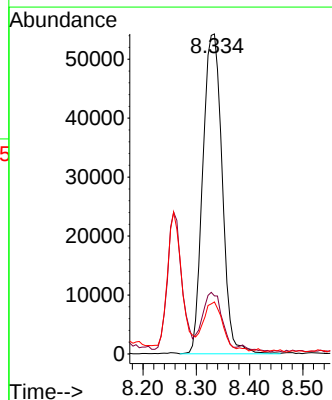
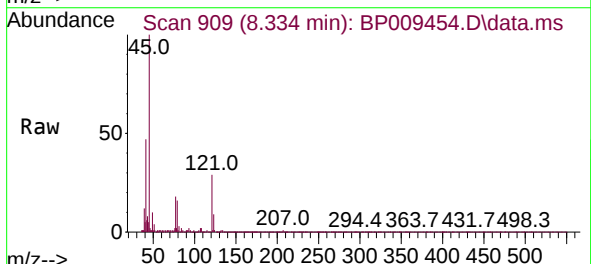
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022

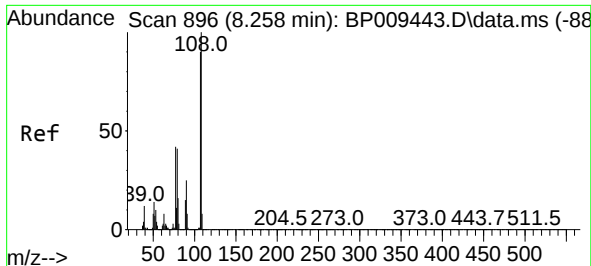
Tgt Ion: 79 Resp: 67572
Ion Ratio Lower Upper
79 100
108 75.9 62.5 93.7
77 66.0 51.7 77.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 8.089 ng
RT: 8.334 min Scan# 909
Delta R.T. -0.000 min
Lab File: BP009454.D
Acq: 18 Mar 2022 13:00

Tgt Ion: 45 Resp: 136608
Ion Ratio Lower Upper
45 100
77 18.1 0.0 36.5
79 16.2 0.0 32.4

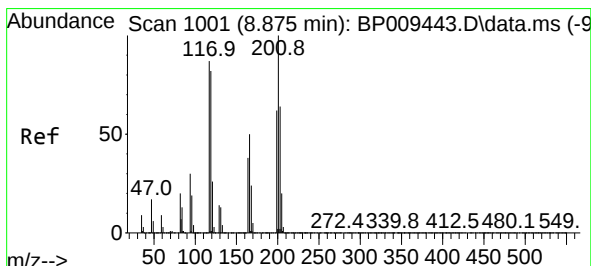
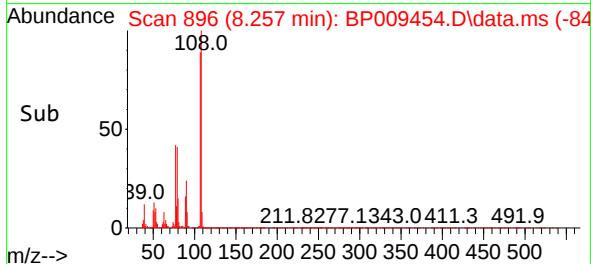
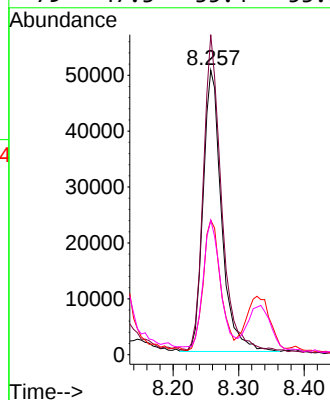
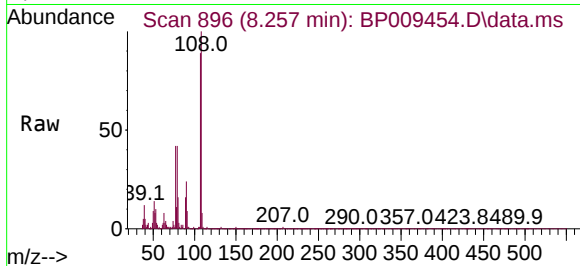




#17
2-Methylphenol
Concen: 7.258 ng
RT: 8.257 min Scan# 896
Delta R.T. -0.000 min
Lab File: BP009454.D
Acq: 18 Mar 2022 13:00

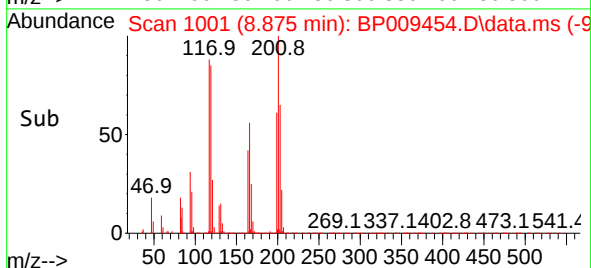
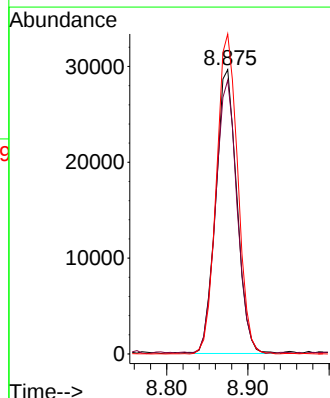
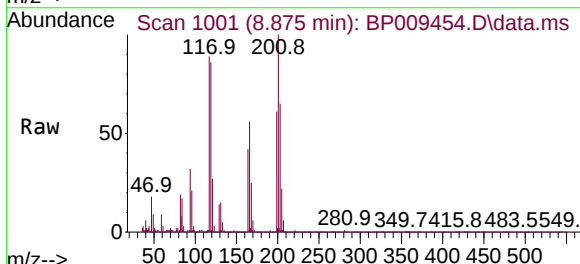
Instrument : BNA_P
ClientSampleId : LOD-MDL-SOIL-01-QT1-2022

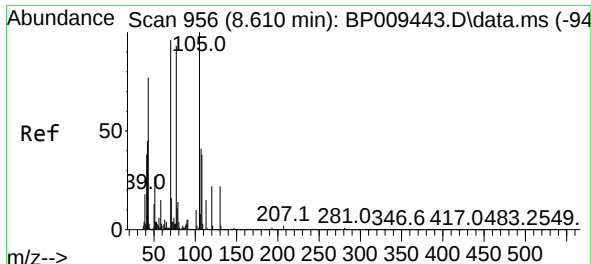
Tgt Ion:	107	Resp:	98466
Ion	Ratio	Lower	Upper
107	100		
108	112.5	90.2	135.2
77	47.2	36.3	54.5
79	47.3	35.4	53.0



#18
Hexachloroethane
Concen: 8.025 ng
RT: 8.875 min Scan# 1001
Delta R.T. -0.000 min
Lab File: BP009454.D
Acq: 18 Mar 2022 13:00

Tgt Ion:	117	Resp:	53696
Ion	Ratio	Lower	Upper
117	100		
119	96.3	76.4	114.6
201	112.5	83.4	125.2

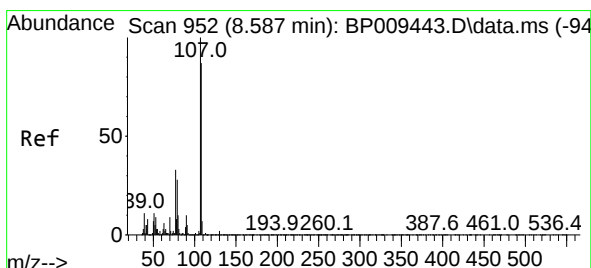
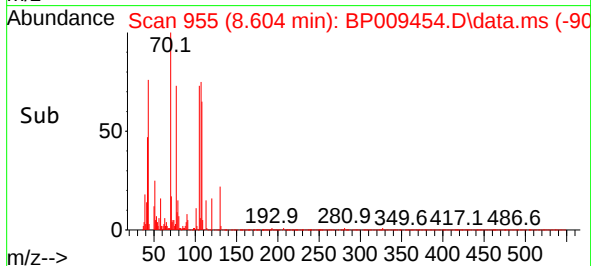
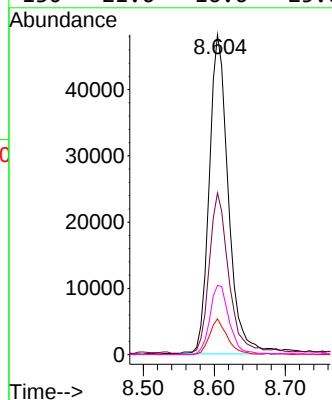
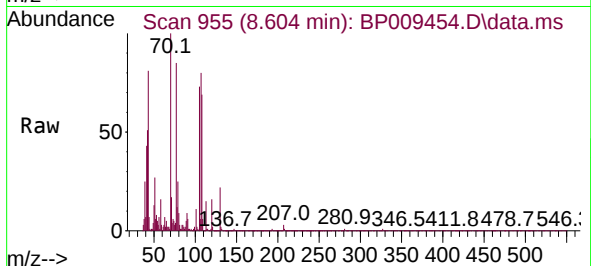




#19
n-Nitroso-di-n-propylamine
Concen: 7.272 ng
RT: 8.604 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP009454.D
Acq: 18 Mar 2022 13:00

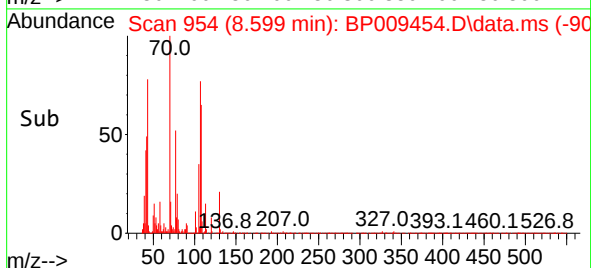
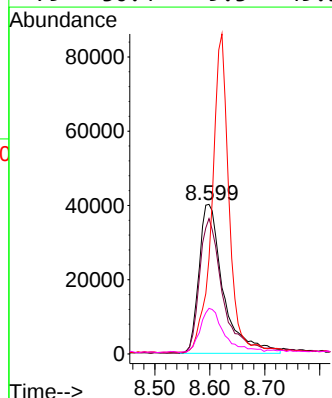
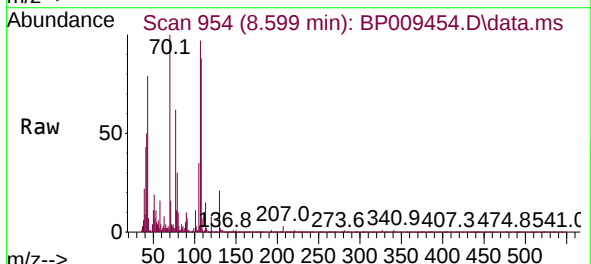
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022

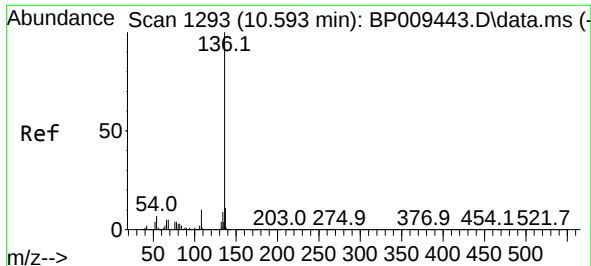
Tgt Ion:	70	Resp:	90248
Ion	Ratio	Lower	Upper
70	100		
42	50.6	41.0	61.4
101	11.2	7.9	11.9
130	21.6	16.6	25.0



#20
3+4-Methylphenols
Concen: 6.605 ng
RT: 8.599 min Scan# 954
Delta R.T. 0.012 min
Lab File: BP009454.D
Acq: 18 Mar 2022 13:00

Tgt Ion:	107	Resp:	123210
Ion	Ratio	Lower	Upper
107	100		
108	90.5	69.4	109.4
77	63.7	13.6	53.6#
79	30.4	9.3	49.3

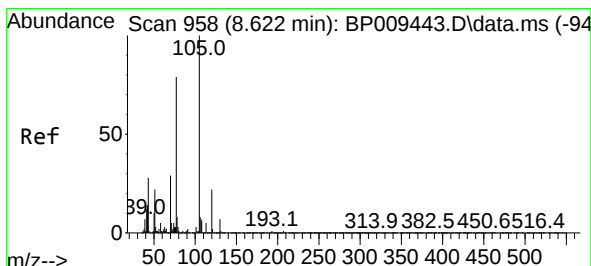
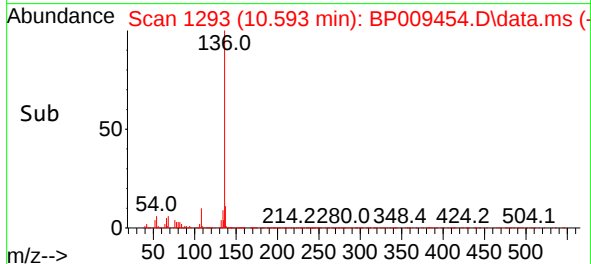
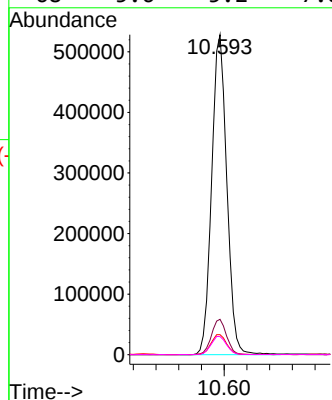
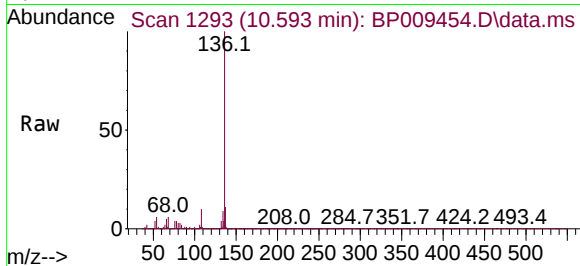




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.593 min Scan# 1293
Delta R.T. -0.000 min
Lab File: BP009454.D
Acq: 18 Mar 2022 13:00

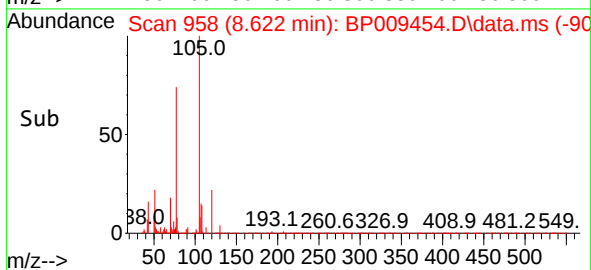
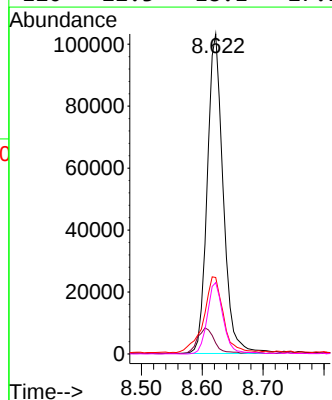
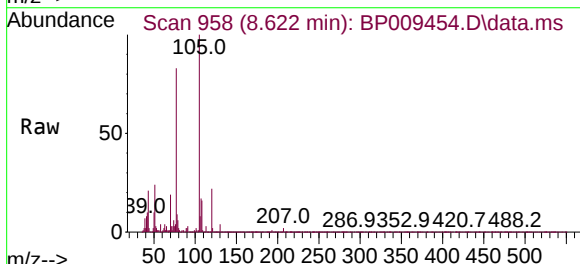
Instrument : BNA_P
ClientSampleId : LOD-MDL-SOIL-01-QT1-2022

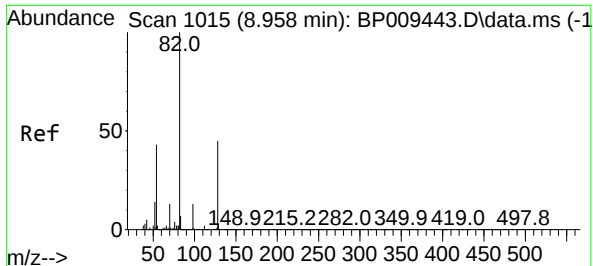
Tgt Ion:	136	Resp:	975275
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	12.8
54	6.3	5.8	8.8
68	5.6	5.2	7.8



#22
Acetophenone
Concen: 7.783 ng
RT: 8.622 min Scan# 958
Delta R.T. -0.000 min
Lab File: BP009454.D
Acq: 18 Mar 2022 13:00

Tgt Ion:	105	Resp:	187863
Ion	Ratio	Lower	Upper
105	100		
71	3.4	5.5	8.3
51	23.9	18.9	28.3
120	22.3	18.1	27.1





#23

Nitrobenzene-d5

Concen: 85.857 ng

RT: 8.951 min Scan# 1015

Delta R.T. -0.006 min

Lab File: BP009454.D

Acq: 18 Mar 2022 13:00

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2022

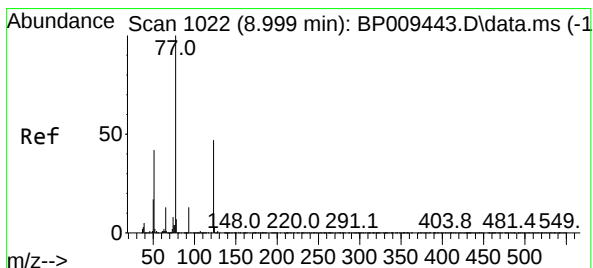
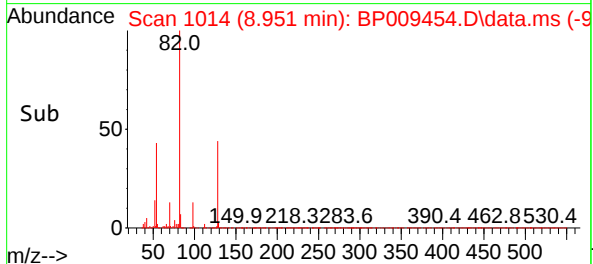
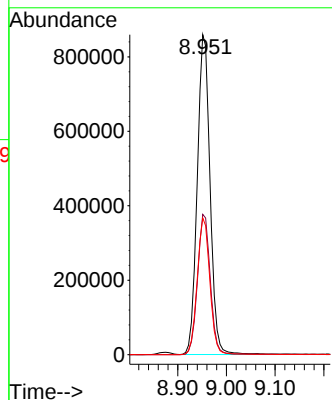
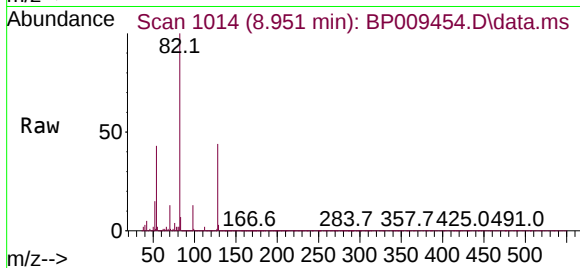
Tgt Ion: 82 Resp: 1575705

Ion Ratio Lower Upper

82 100

128 43.8 34.2 51.4

54 42.7 34.7 52.1



#24

Nitrobenzene

Concen: 8.350 ng

RT: 8.999 min Scan# 1022

Delta R.T. -0.000 min

Lab File: BP009454.D

Acq: 18 Mar 2022 13:00

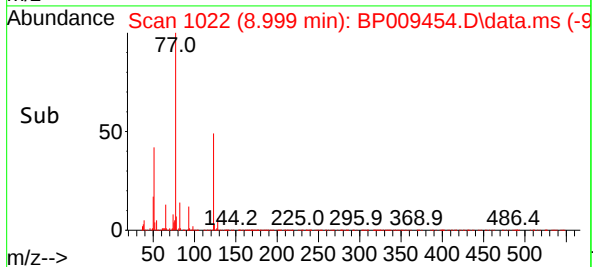
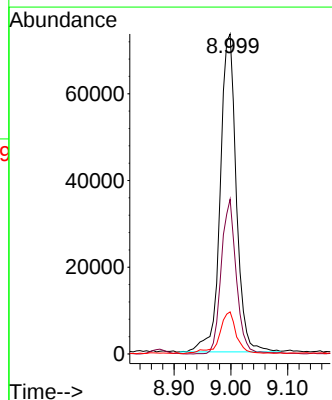
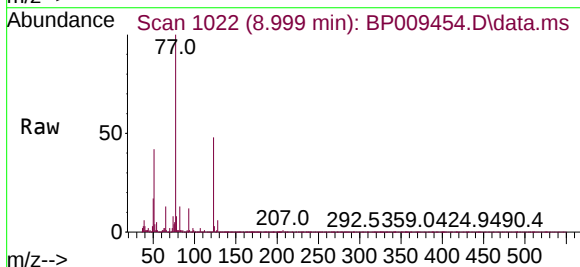
Tgt Ion: 77 Resp: 144769

Ion Ratio Lower Upper

77 100

123 48.4 35.5 53.3

65 13.2 10.3 15.5

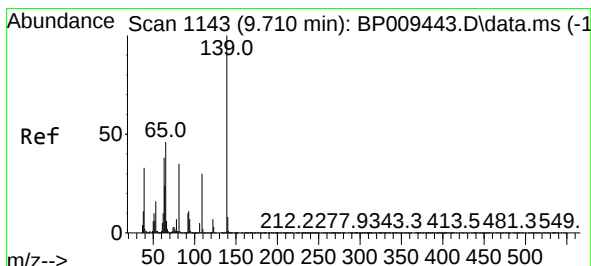
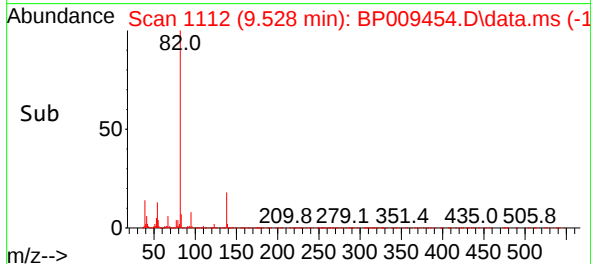
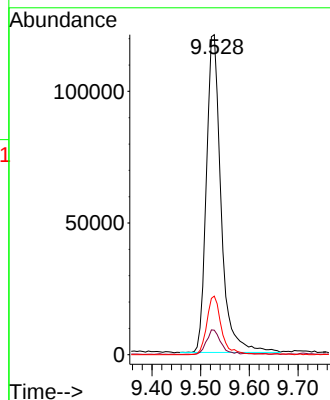
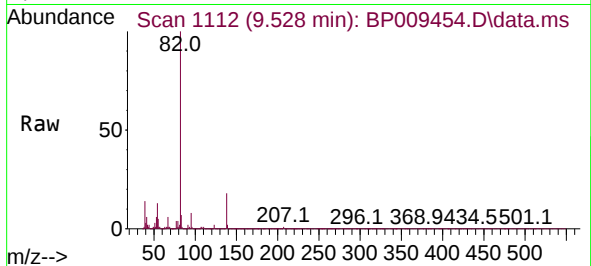




#25
Isophorone
Concen: 8.042 ng
RT: 9.528 min Scan# 1112
Delta R.T. -0.000 min
Lab File: BP009454.D
Acq: 18 Mar 2022 13:00

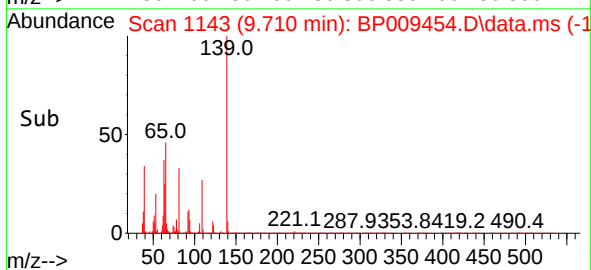
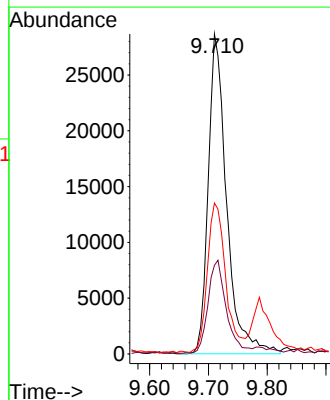
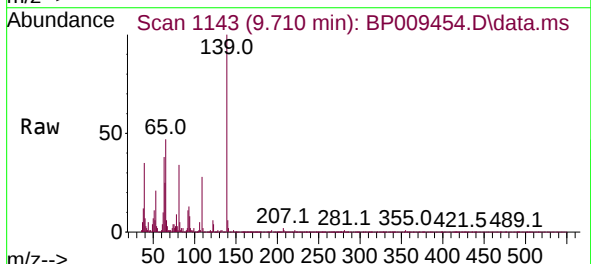
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022

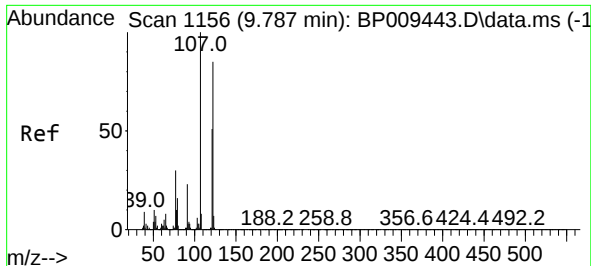
Tgt Ion: 82 Resp: 251771
Ion Ratio Lower Upper
82 100
95 7.7 5.5 8.3
138 18.3 13.8 20.8



#26
2-Nitrophenol
Concen: 6.867 ng
RT: 9.710 min Scan# 1143
Delta R.T. -0.000 min
Lab File: BP009454.D
Acq: 18 Mar 2022 13:00

Tgt Ion: 139 Resp: 62053
Ion Ratio Lower Upper
139 100
109 27.7 23.4 35.0
65 47.1 41.0 61.6





#27

2,4-Dimethylphenol

Concen: 7.412 ng

RT: 9.793 min Scan# 1156

Delta R.T. 0.006 min

Lab File: BP009454.D

Acq: 18 Mar 2022 13:00

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2022

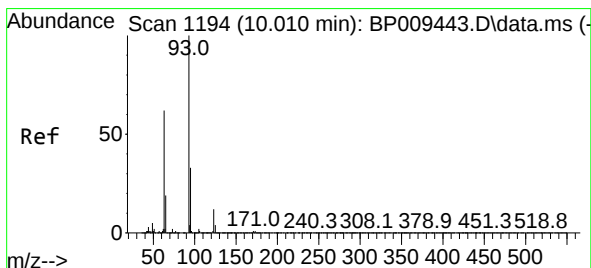
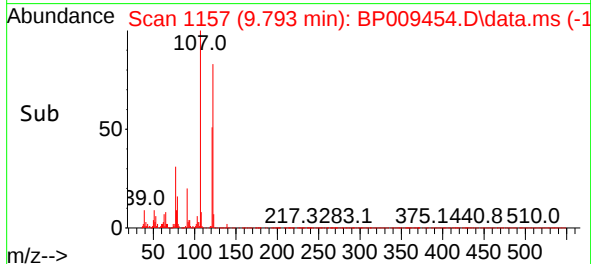
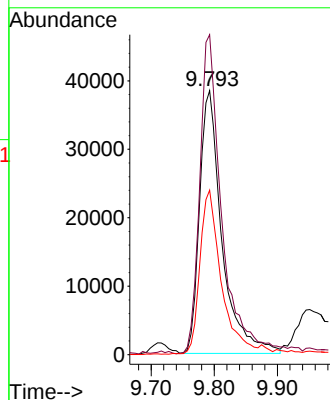
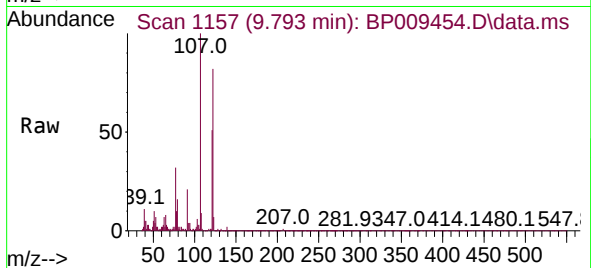
Tgt Ion:122 Resp: 94510

Ion Ratio Lower Upper

122 100

107 121.2 92.6 138.8

121 62.3 46.7 70.1



#28

bis(2-Chloroethoxy)methane

Concen: 7.252 ng

RT: 10.010 min Scan# 1194

Delta R.T. -0.000 min

Lab File: BP009454.D

Acq: 18 Mar 2022 13:00

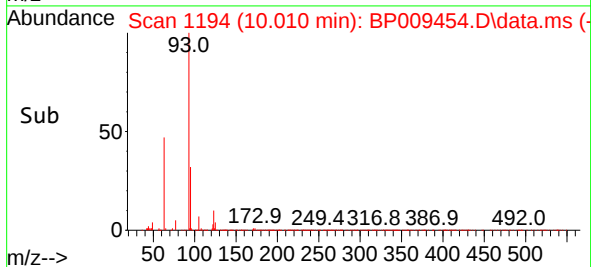
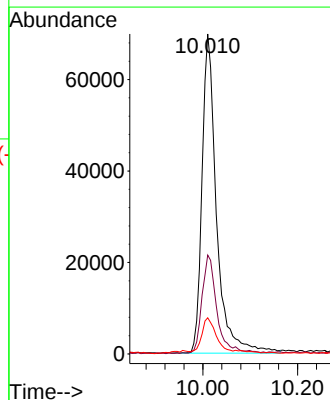
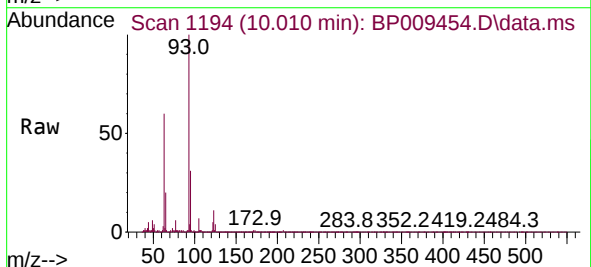
Tgt Ion: 93 Resp: 147827

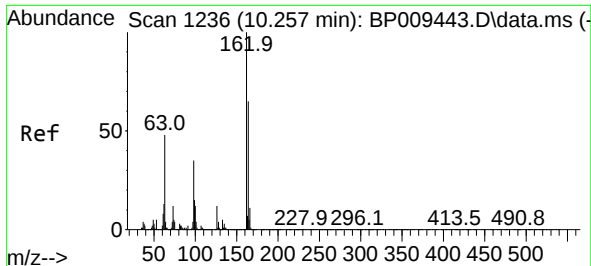
Ion Ratio Lower Upper

93 100

95 30.9 25.5 38.3

123 11.3 8.9 13.3





#29

2,4-Dichlorophenol

Concen: 6.410 ng

RT: 10.275 min Scan# 1

Delta R.T. 0.017 min

Lab File: BP009454.D

Acq: 18 Mar 2022 13:00

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2022

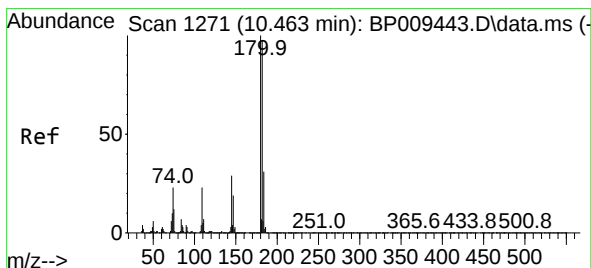
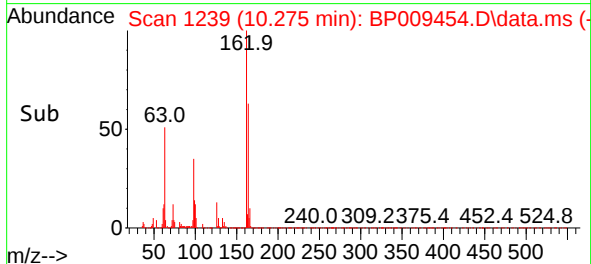
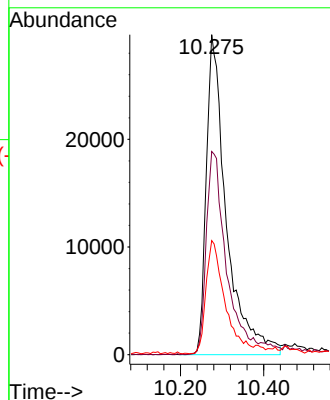
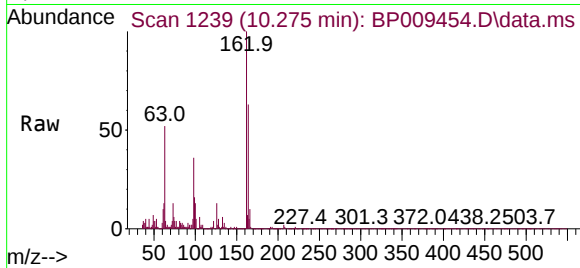
Tgt Ion:162 Resp: 99699

Ion Ratio Lower Upper

162 100

164 63.5 44.3 84.3

98 35.6 15.6 55.6



#30

1,2,4-Trichlorobenzene

Concen: 7.737 ng

RT: 10.457 min Scan# 1270

Delta R.T. -0.006 min

Lab File: BP009454.D

Acq: 18 Mar 2022 13:00

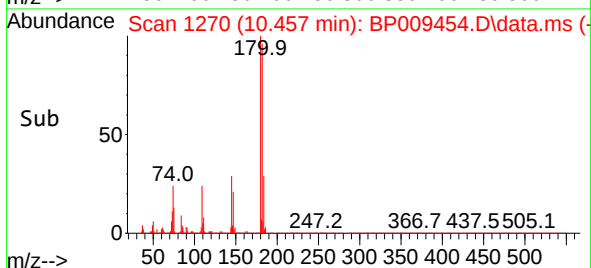
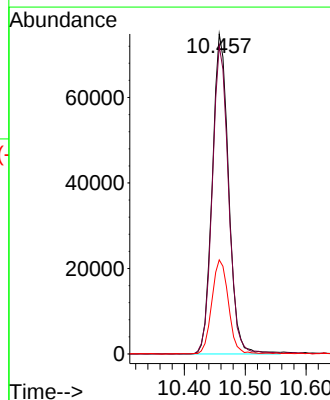
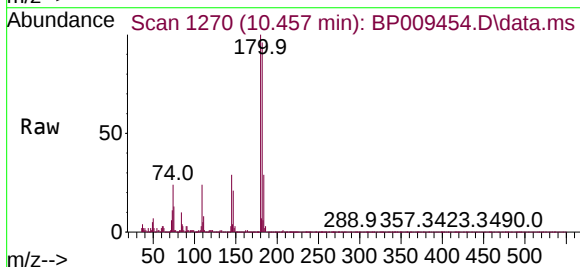
Tgt Ion:180 Resp: 139427

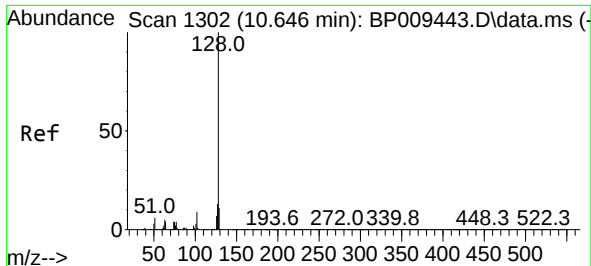
Ion Ratio Lower Upper

180 100

182 96.2 76.4 114.6

145 29.4 23.8 35.6

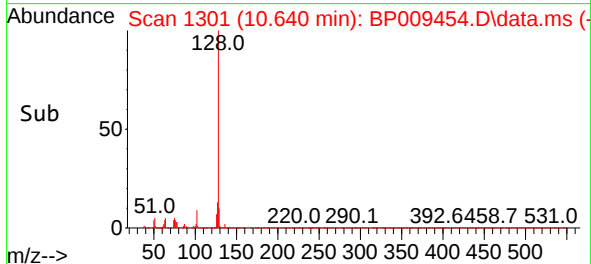
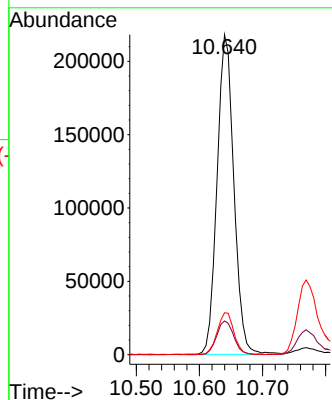
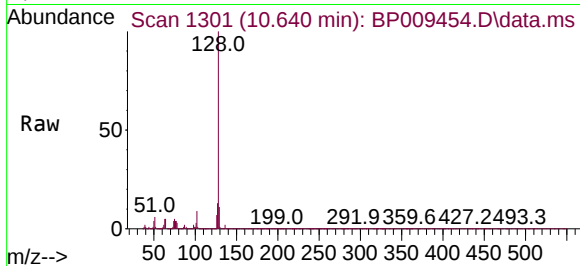




#31
Naphthalene
Concen: 8.019 ng
RT: 10.640 min Scan# 1184
Delta R.T. -0.006 min
Lab File: BP009454.D
Acq: 18 Mar 2022 13:00

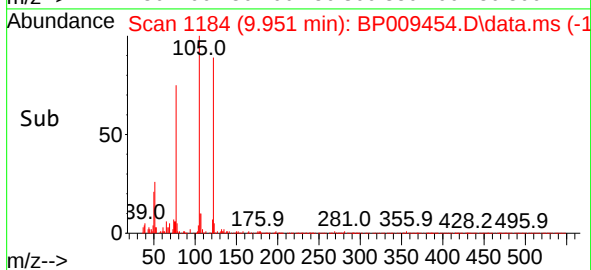
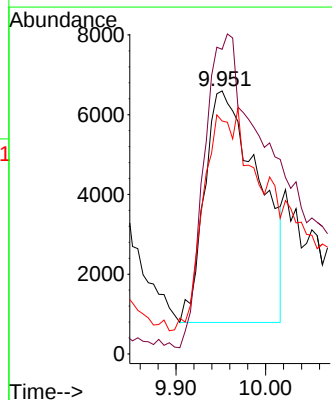
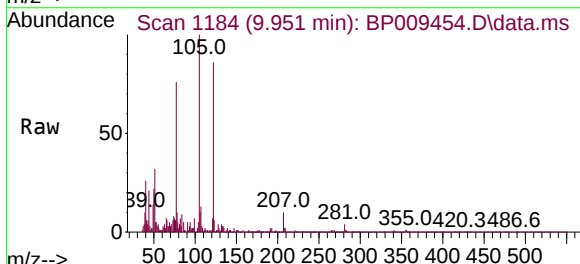
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022

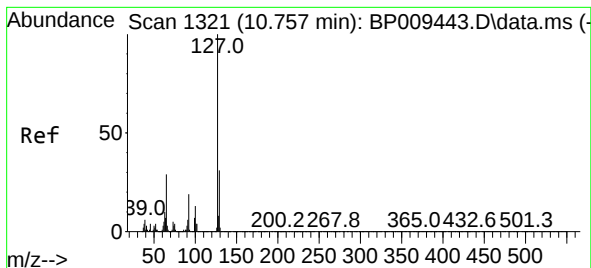
Tgt Ion:128 Resp: 402836
Ion Ratio Lower Upper
128 100
129 10.6 8.6 13.0
127 13.1 10.5 15.7



#32
Benzoic acid
Concen: 2.448 ng
RT: 9.951 min Scan# 1184
Delta R.T. -0.018 min
Lab File: BP009454.D
Acq: 18 Mar 2022 13:00

Tgt Ion:122 Resp: 24410
Ion Ratio Lower Upper
122 100
105 115.8 110.5 150.5
77 88.6 79.9 119.9





#33

4-Chloroaniline

Concen: 6.328 ng

RT: 10.769 min Scan# 11

Delta R.T. 0.012 min

Lab File: BP009454.D

Acq: 18 Mar 2022 13:00

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2022

Tgt Ion:127 Resp: 129722

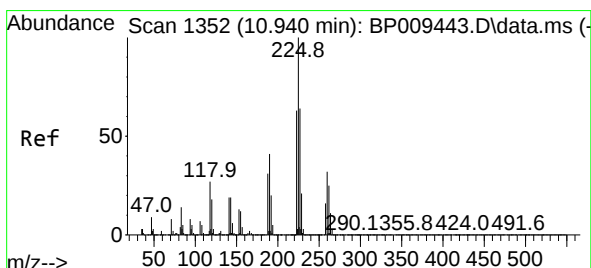
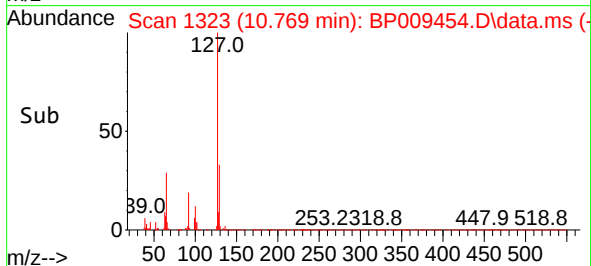
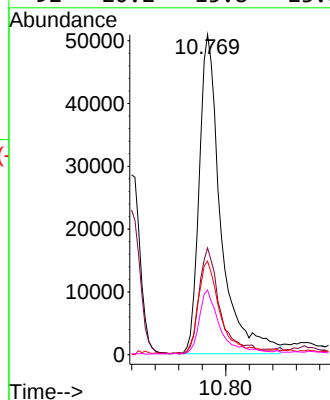
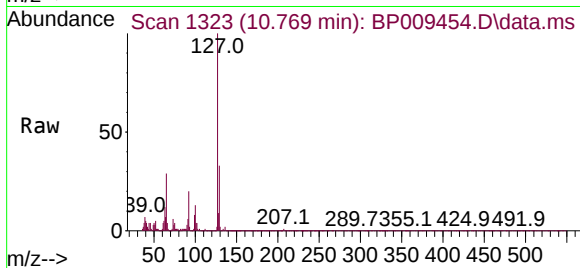
Ion Ratio Lower Upper

127 100

129 33.4 25.5 38.3

65 29.3 24.3 36.5

92 20.2 15.8 23.8



#34

Hexachlorobutadiene

Concen: 7.610 ng

RT: 10.934 min Scan# 1351

Delta R.T. -0.006 min

Lab File: BP009454.D

Acq: 18 Mar 2022 13:00

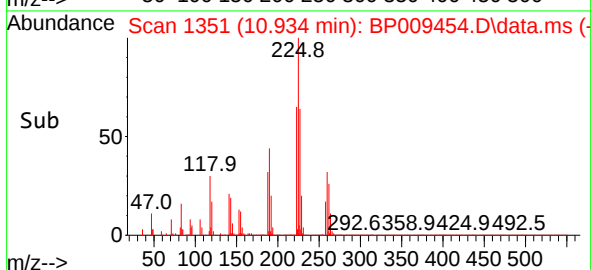
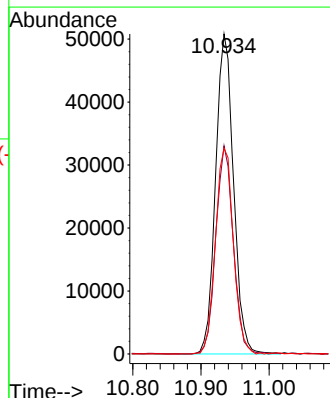
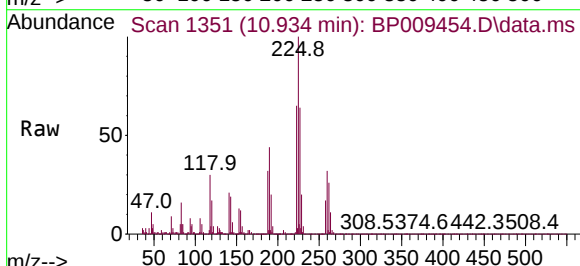
Tgt Ion:225 Resp: 92924

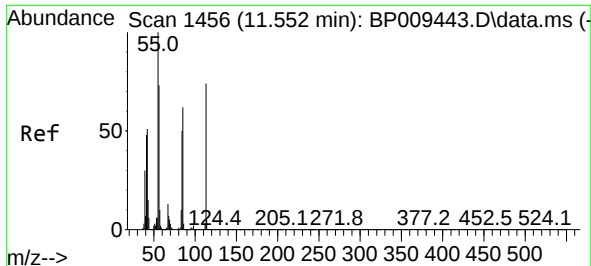
Ion Ratio Lower Upper

225 100

223 65.0 50.5 75.7

227 64.3 51.2 76.8

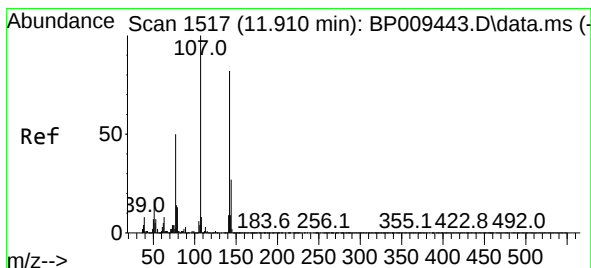
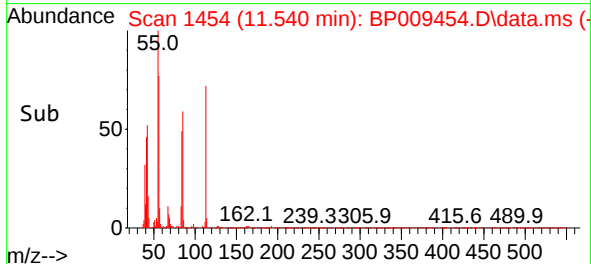
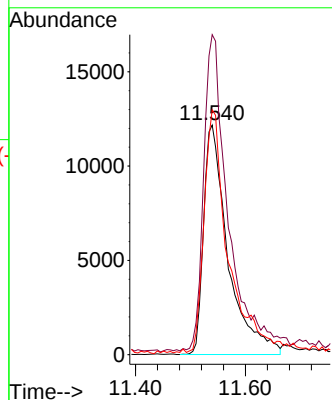
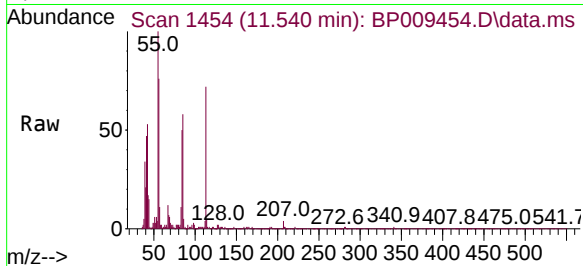




#35
Caprolactam
Concen: 7.139 ng
RT: 11.540 min Scan# 1456
Delta R.T. -0.012 min
Lab File: BP009454.D
Acq: 18 Mar 2022 13:00

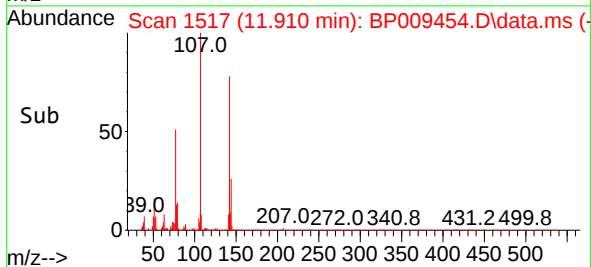
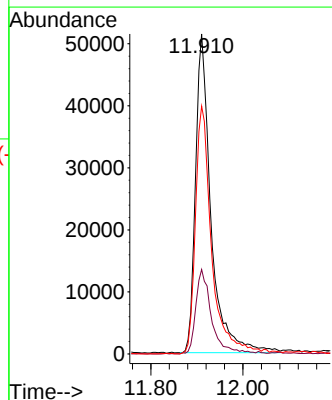
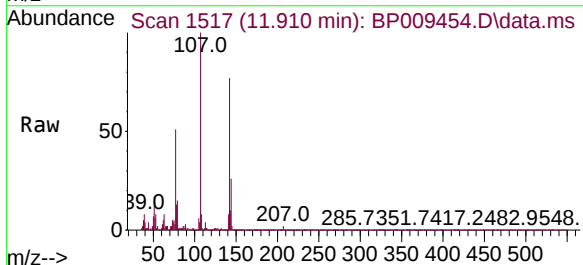
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022

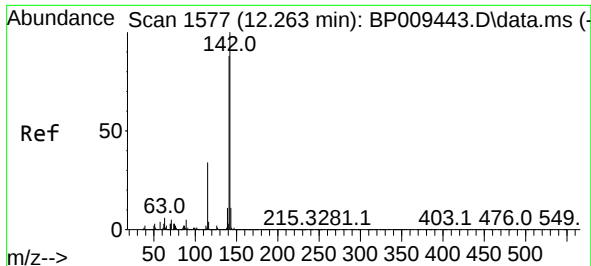
Tgt Ion:113 Resp: 37474
Ion Ratio Lower Upper
113 100
55 139.4 128.4 168.4
56 106.6 90.9 130.9



#36
4-Chloro-3-methylphenol
Concen: 7.172 ng
RT: 11.910 min Scan# 1517
Delta R.T. 0.000 min
Lab File: BP009454.D
Acq: 18 Mar 2022 13:00

Tgt Ion:107 Resp: 119873
Ion Ratio Lower Upper
107 100
144 26.4 21.0 31.4
142 77.4 64.9 97.3

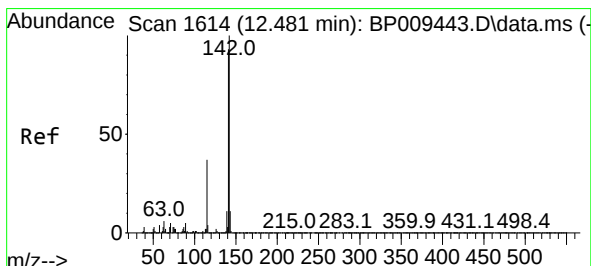
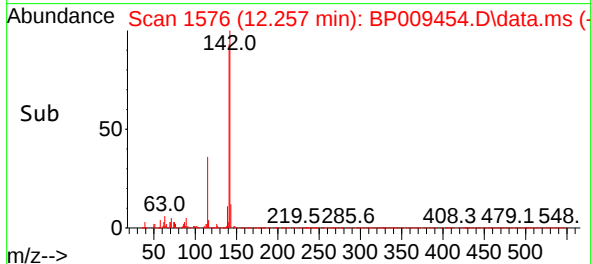
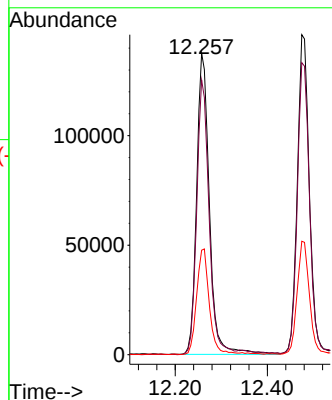
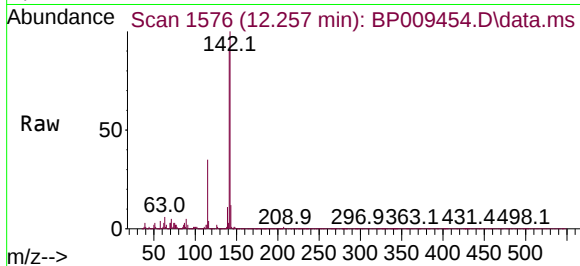




#37
2-Methylnaphthalene
Concen: 7.525 ng
RT: 12.257 min Scan# 1576
Delta R.T. -0.006 min
Lab File: BP009454.D
Acq: 18 Mar 2022 13:00

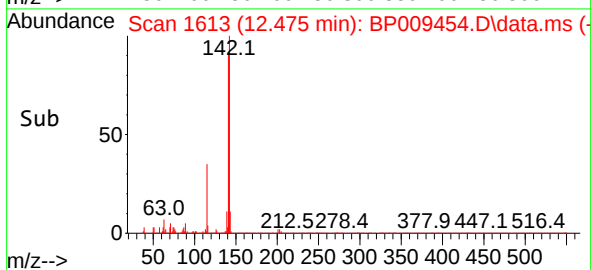
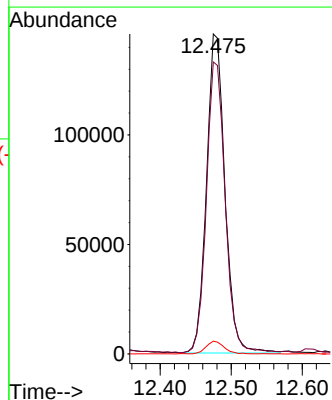
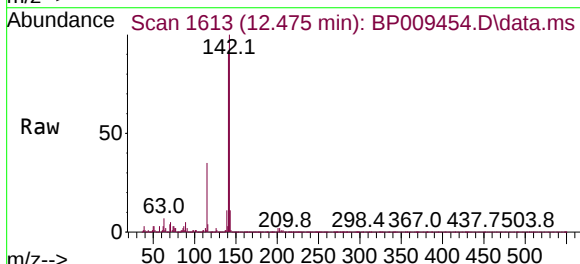
Instrument : BNA_P
ClientSampleId : LOD-MDL-SOIL-01-QT1-2022

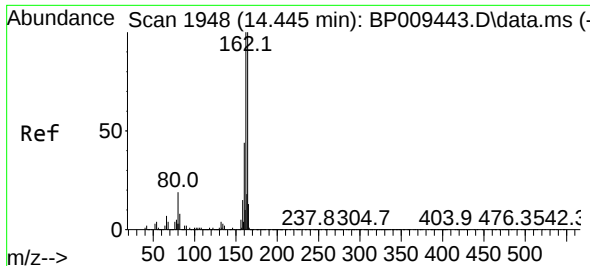
Tgt Ion:142 Resp: 265255
Ion Ratio Lower Upper
142 100
141 91.1 70.2 105.4
115 34.7 27.4 41.2



#38
1-Methylnaphthalene
Concen: 7.677 ng
RT: 12.475 min Scan# 1613
Delta R.T. -0.006 min
Lab File: BP009454.D
Acq: 18 Mar 2022 13:00

Tgt Ion:142 Resp: 263610
Ion Ratio Lower Upper
142 100
141 91.2 73.5 110.3
116 4.0 3.3 4.9

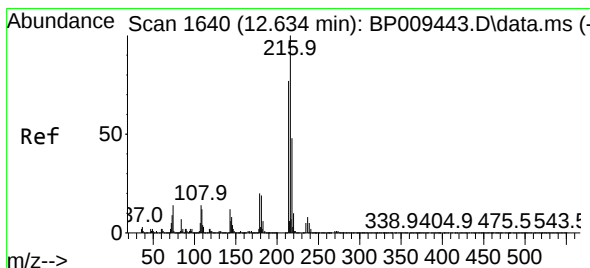
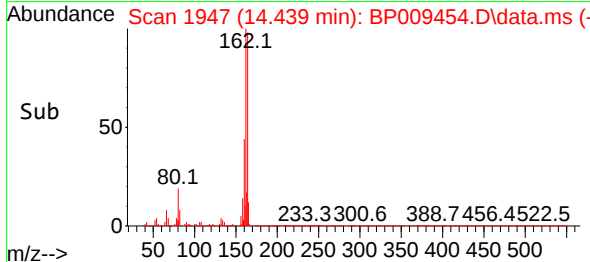
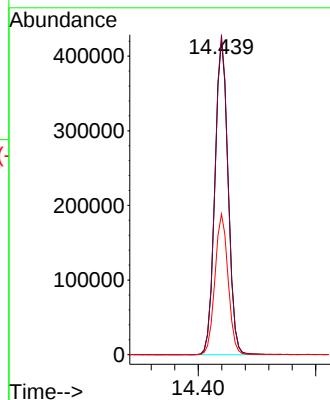
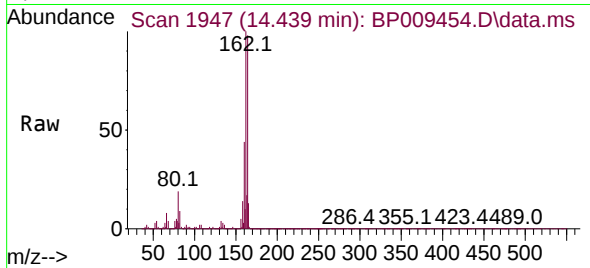




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.439 min Scan# 1948
Delta R.T. -0.006 min
Lab File: BP009454.D
Acq: 18 Mar 2022 13:00

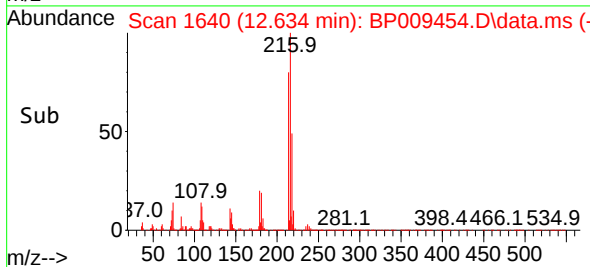
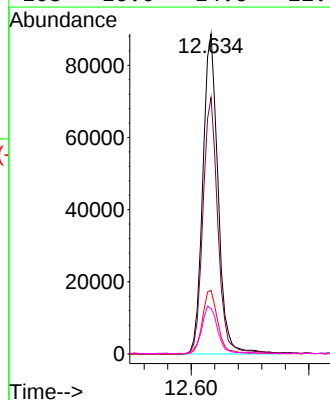
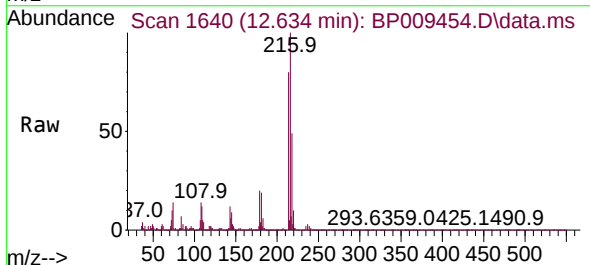
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022

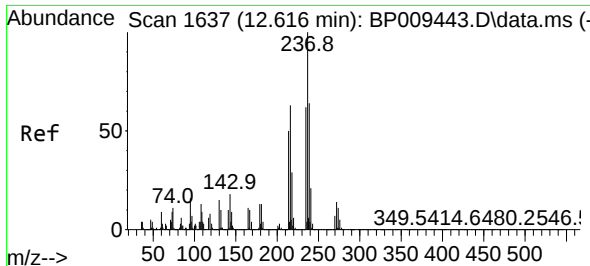
Tgt Ion:164 Resp: 657252
Ion Ratio Lower Upper
164 100
162 101.7 79.1 118.7
160 44.7 34.9 52.3



#40
1,2,4,5-Tetrachlorobenzene
Concen: 7.311 ng
RT: 12.634 min Scan# 1640
Delta R.T. -0.000 min
Lab File: BP009454.D
Acq: 18 Mar 2022 13:00

Tgt Ion:216 Resp: 159441
Ion Ratio Lower Upper
216 100
214 79.0 62.3 93.5
179 19.9 16.8 25.2
108 16.0 14.6 22.0

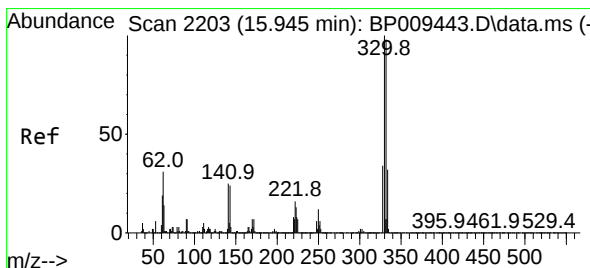
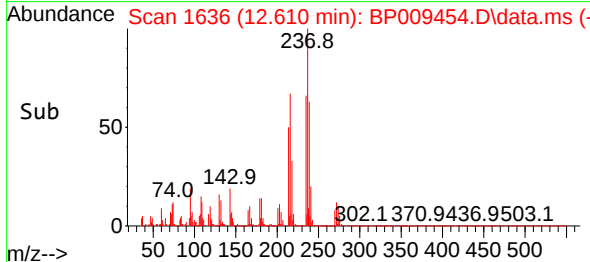
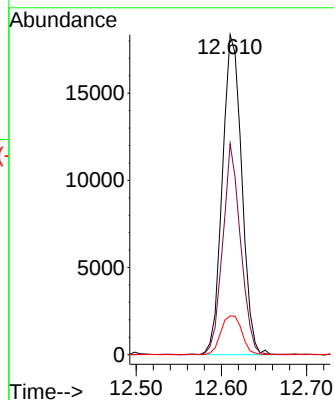
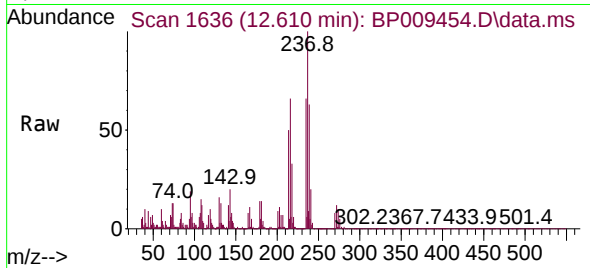




#41
Hexachlorocyclopentadiene
Concen: 3.775 ng
RT: 12.610 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP009454.D
Acq: 18 Mar 2022 13:00

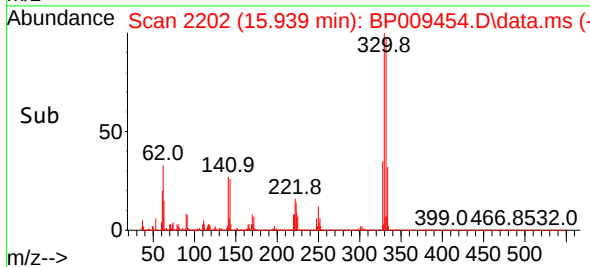
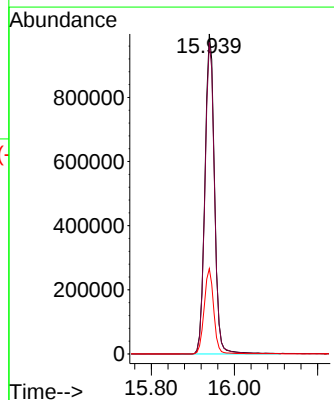
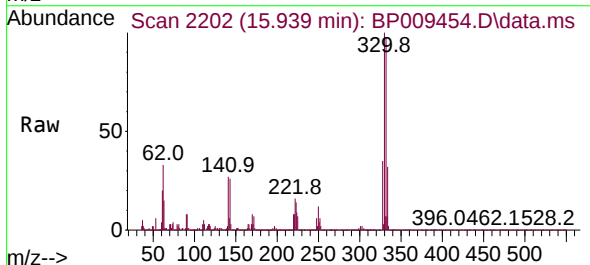
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022

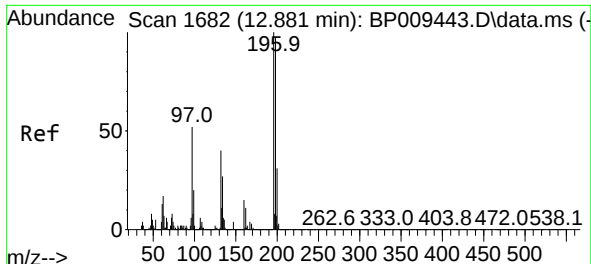
Tgt Ion:	237	Resp:	29006
Ion	Ratio	Lower	Upper
237	100		
235	66.0	42.6	82.6
272	12.1	0.0	32.8



#42
2,4,6-Tribromophenol
Concen: 147.146 ng
RT: 15.939 min Scan# 2202
Delta R.T. -0.006 min
Lab File: BP009454.D
Acq: 18 Mar 2022 13:00

Tgt Ion:	330	Resp:	1595916
Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.0	115.6
141	26.5	27.6	41.4#

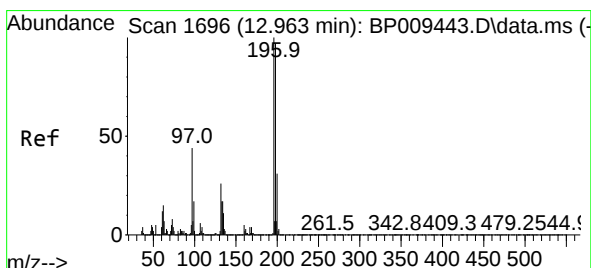
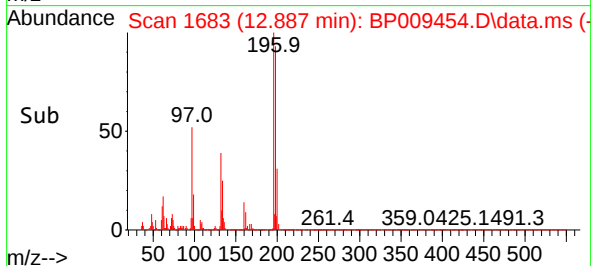
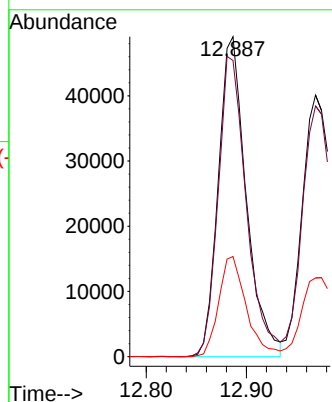
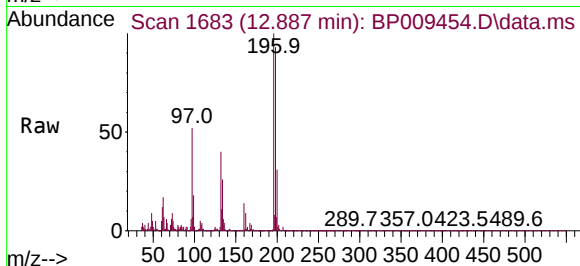




#43
2,4,6-Trichlorophenol
Concen: 6.570 ng
RT: 12.887 min Scan# 1682
Delta R.T. 0.006 min
Lab File: BP009454.D
Acq: 18 Mar 2022 13:00

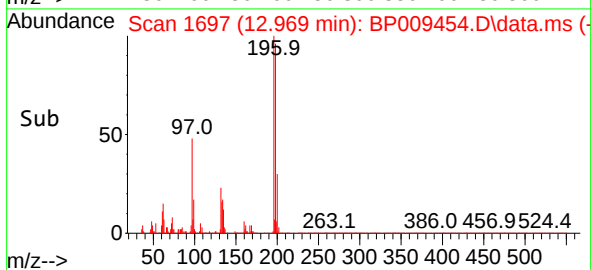
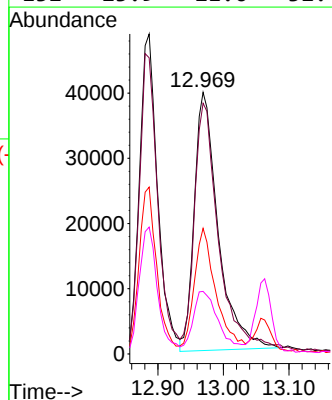
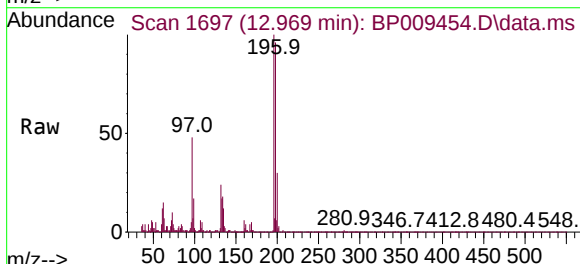
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022

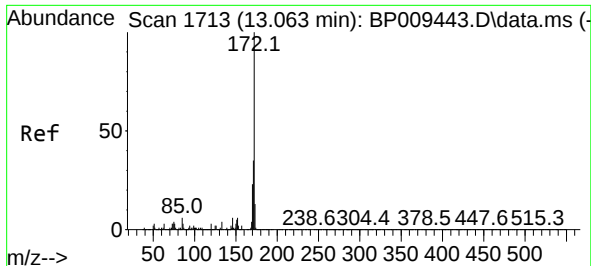
Tgt Ion:196 Resp: 94963
Ion Ratio Lower Upper
196 100
198 92.5 76.2 114.4
200 31.3 24.4 36.6



#44
2,4,5-Trichlorophenol
Concen: 6.418 ng
RT: 12.969 min Scan# 1697
Delta R.T. 0.006 min
Lab File: BP009454.D
Acq: 18 Mar 2022 13:00

Tgt Ion:196 Resp: 100742
Ion Ratio Lower Upper
196 100
198 95.8 76.6 114.8
97 48.0 38.3 57.5
132 23.9 21.6 32.4

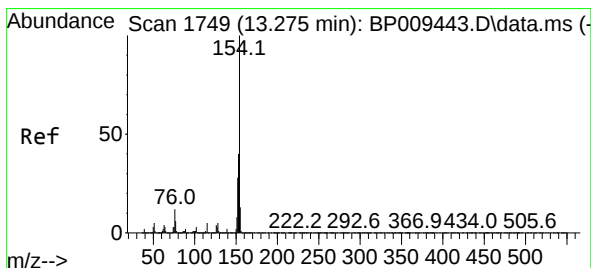
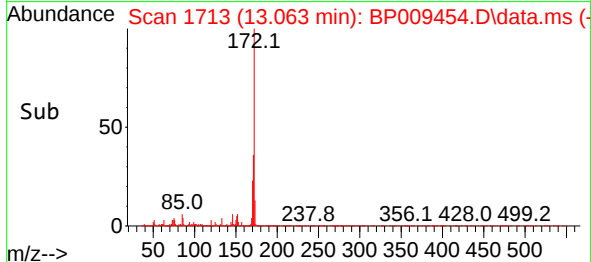
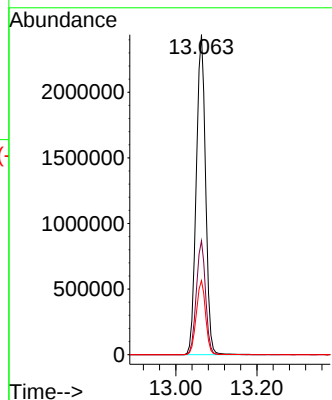
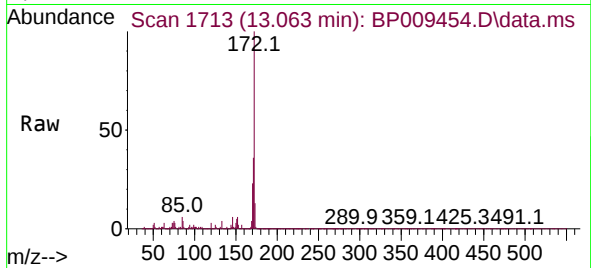




#45
2-Fluorobiphenyl
Concen: 82.584 ng
RT: 13.063 min Scan# 1713
Delta R.T. -0.000 min
Lab File: BP009454.D
Acq: 18 Mar 2022 13:00

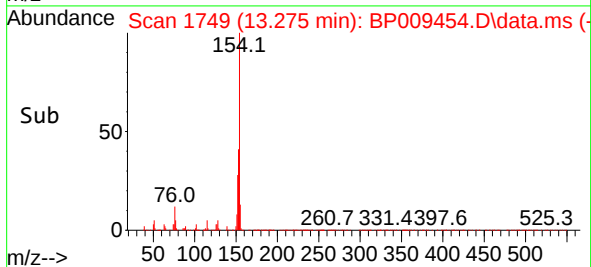
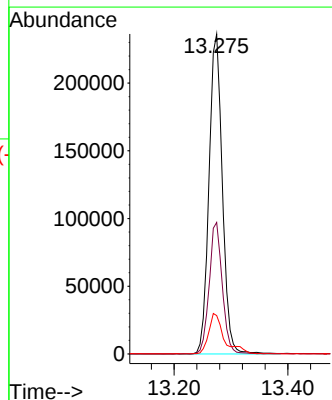
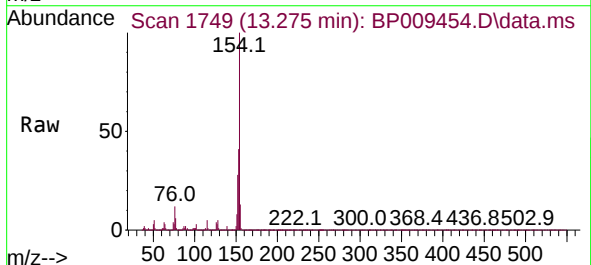
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022

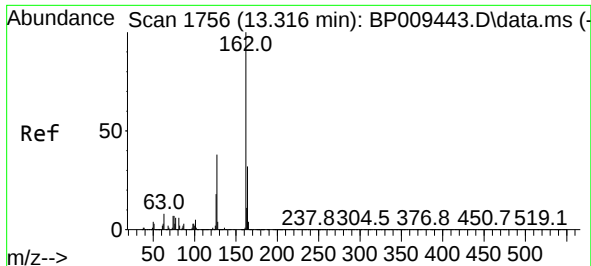
Tgt Ion:172 Resp: 3915362
Ion Ratio Lower Upper
172 100
171 35.6 28.0 42.0
170 23.2 18.6 27.8



#46
1,1'-Biphenyl
Concen: 7.826 ng
RT: 13.275 min Scan# 1749
Delta R.T. -0.000 min
Lab File: BP009454.D
Acq: 18 Mar 2022 13:00

Tgt Ion:154 Resp: 383726
Ion Ratio Lower Upper
154 100
153 41.1 20.2 60.2
76 12.0 0.0 34.0





#47

2-Chloronaphthalene

Concen: 7.543 ng

RT: 13.310 min Scan# 1756

Delta R.T. -0.006 min

Lab File: BP009454.D

Acq: 18 Mar 2022 13:00

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2022

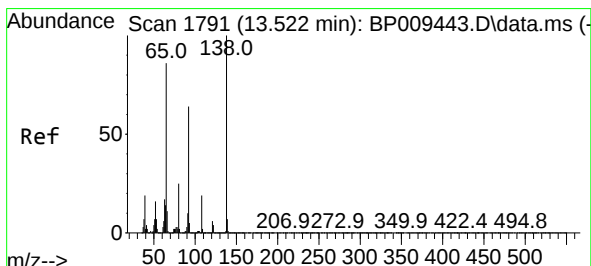
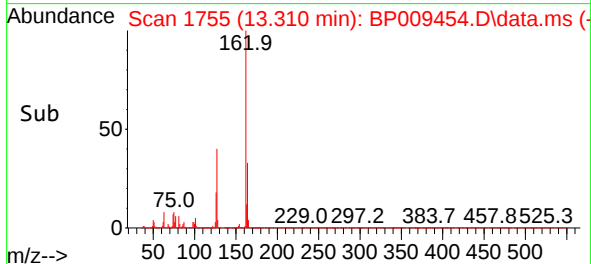
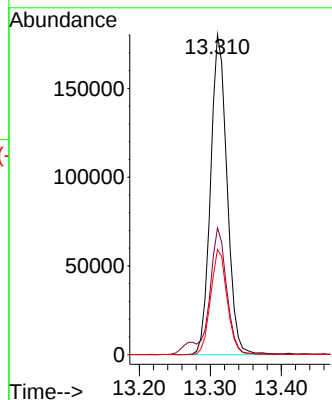
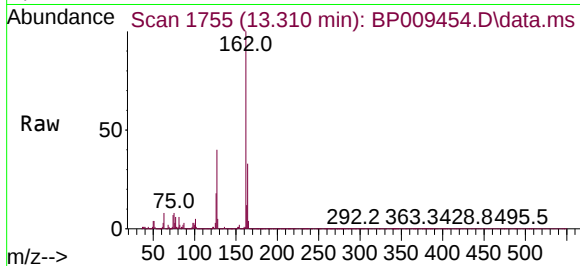
Tgt Ion:162 Resp: 291181

Ion Ratio Lower Upper

162 100

127 39.6 30.8 46.2

164 32.9 26.3 39.5



#48

2-Nitroaniline

Concen: 6.695 ng

RT: 13.522 min Scan# 1791

Delta R.T. -0.000 min

Lab File: BP009454.D

Acq: 18 Mar 2022 13:00

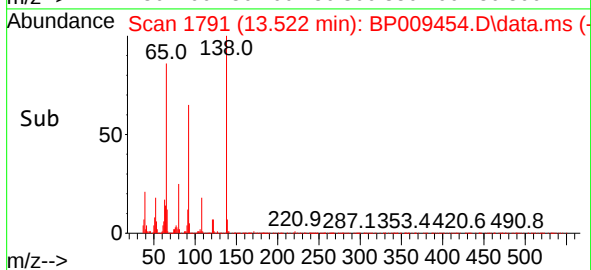
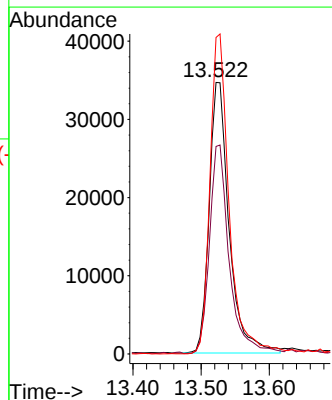
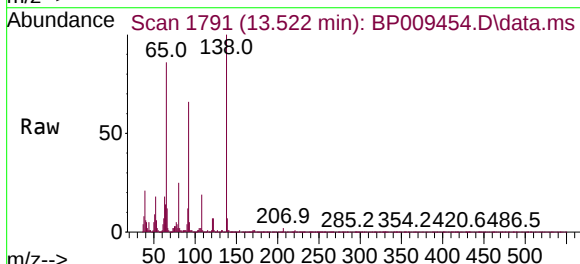
Tgt Ion: 65 Resp: 70388

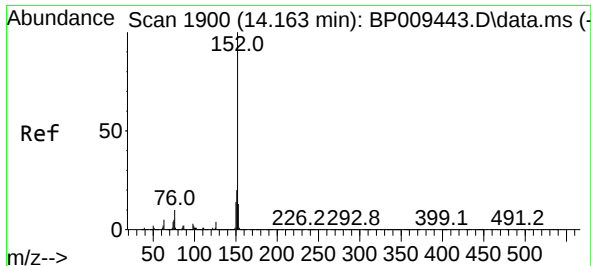
Ion Ratio Lower Upper

65 100

92 76.4 56.9 85.3

138 116.6 89.3 133.9

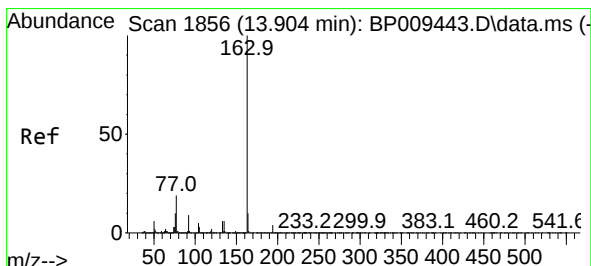
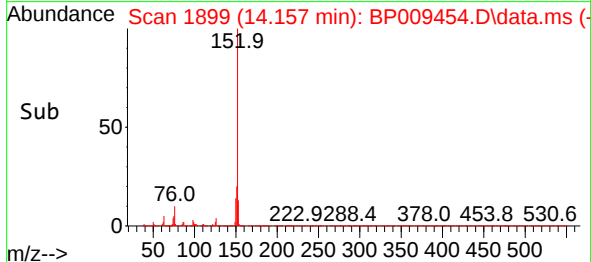
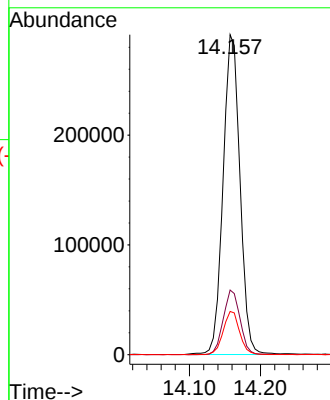
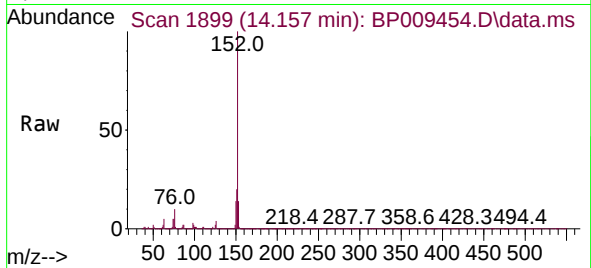




#49
Acenaphthylene
Concen: 8.062 ng
RT: 14.157 min Scan# 1899
Delta R.T. -0.006 min
Lab File: BP009454.D
Acq: 18 Mar 2022 13:00

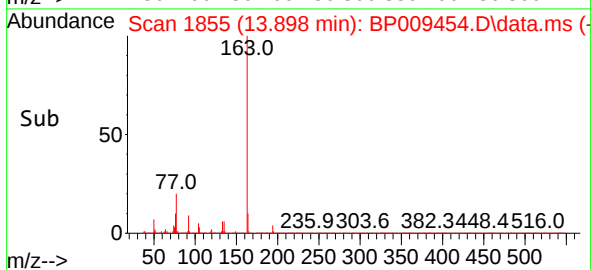
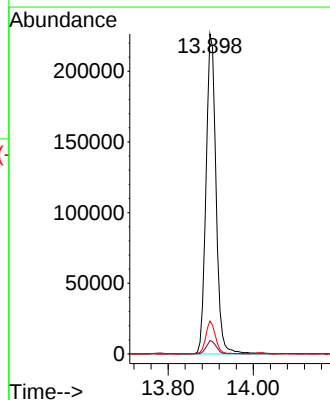
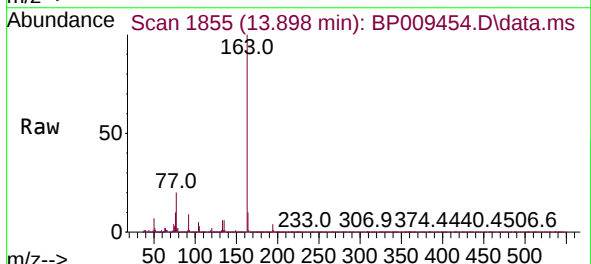
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022

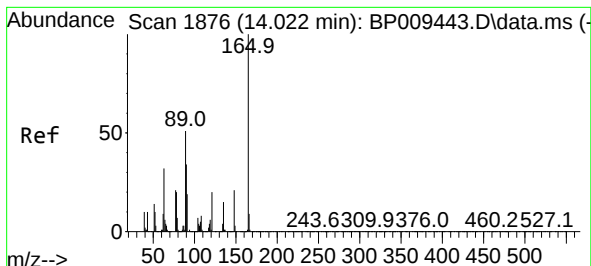
Tgt Ion:152 Resp: 480431
Ion Ratio Lower Upper
152 100
151 20.2 15.9 23.9
153 13.5 10.7 16.1



#50
Dimethylphthalate
Concen: 7.399 ng
RT: 13.898 min Scan# 1855
Delta R.T. -0.006 min
Lab File: BP009454.D
Acq: 18 Mar 2022 13:00

Tgt Ion:163 Resp: 368477
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.0
164 10.3 8.2 12.2

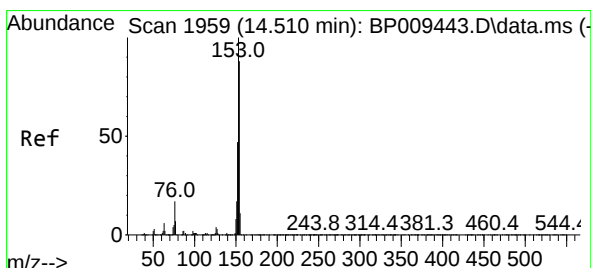
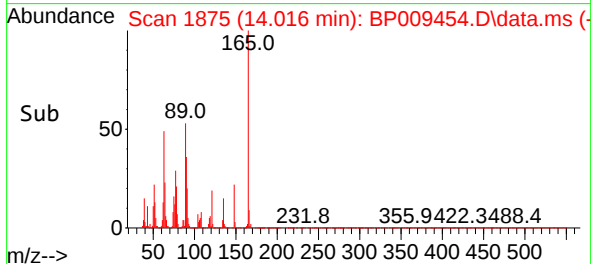
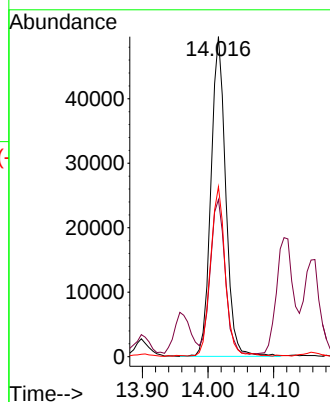
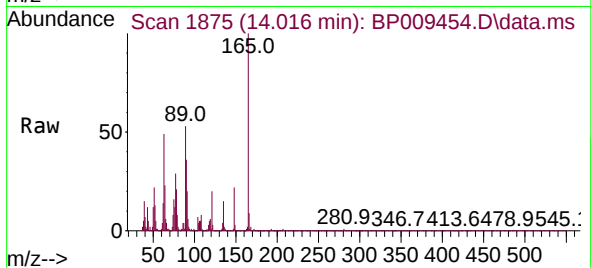




#51
2,6-Dinitrotoluene
Concen: 7.452 ng
RT: 14.016 min Scan# 1875
Delta R.T. -0.006 min
Lab File: BP009454.D
Acq: 18 Mar 2022 13:00

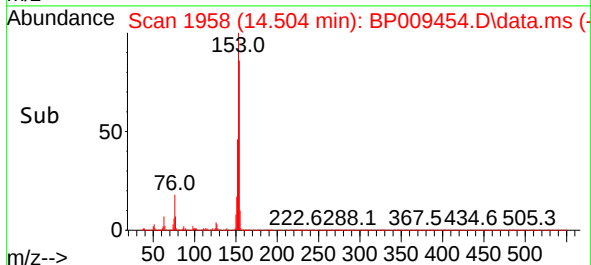
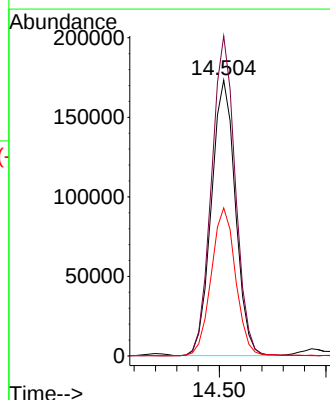
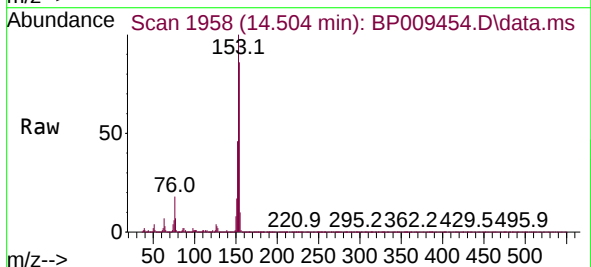
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022

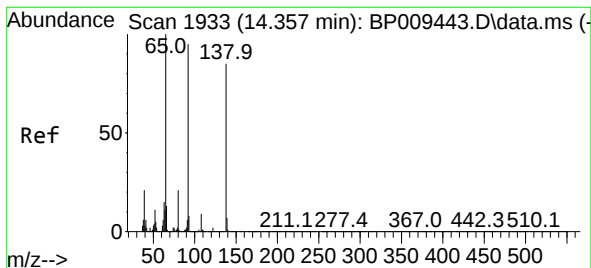
Tgt Ion:165 Resp: 77759
Ion Ratio Lower Upper
165 100
63 49.1 40.9 61.3
89 53.1 43.4 65.2



#52
Acenaphthene
Concen: 7.623 ng
RT: 14.504 min Scan# 1958
Delta R.T. -0.006 min
Lab File: BP009454.D
Acq: 18 Mar 2022 13:00

Tgt Ion:154 Resp: 271351
Ion Ratio Lower Upper
154 100
153 116.0 90.2 135.4
152 53.7 42.7 64.1

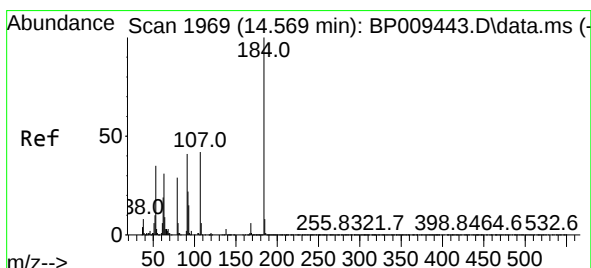
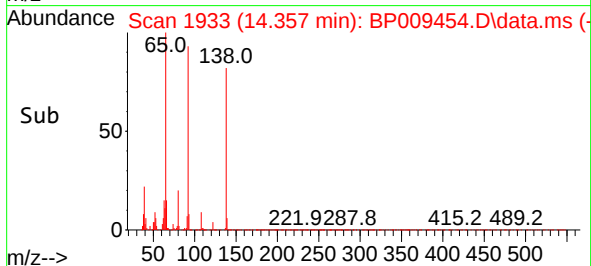
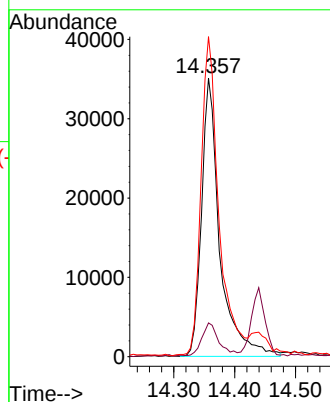
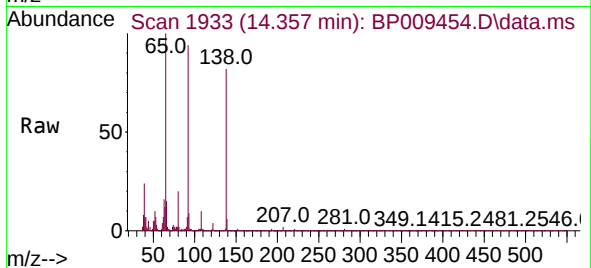




#53
3-Nitroaniline
Concen: 6.622 ng
RT: 14.357 min Scan# 1933
Delta R.T. -0.000 min
Lab File: BP009454.D
Acq: 18 Mar 2022 13:00

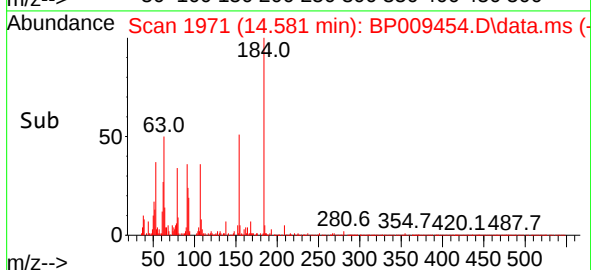
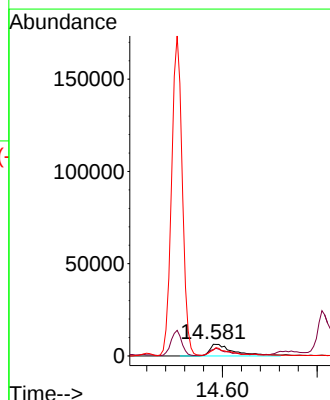
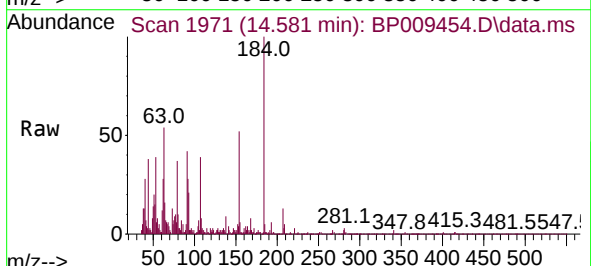
Instrument : BNA_P
ClientSampleId : LOD-MDL-SOIL-01-QT1-2022

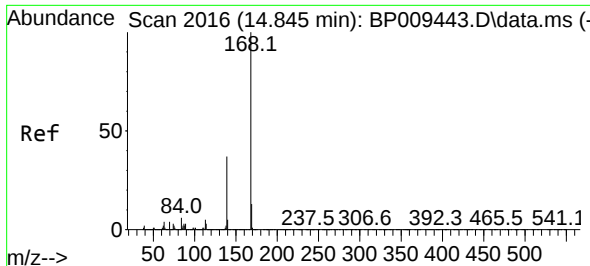
Tgt Ion:138 Resp: 72986
Ion Ratio Lower Upper
138 100
108 12.1 9.7 14.5
92 114.9 94.4 141.6



#54
2,4-Dinitrophenol
Concen: 3.900 ng
RT: 14.581 min Scan# 1971
Delta R.T. 0.012 min
Lab File: BP009454.D
Acq: 18 Mar 2022 13:00

Tgt Ion:184 Resp: 22352
Ion Ratio Lower Upper
184 100
63 54.4 46.3 69.5
154 51.5 45.8 68.6

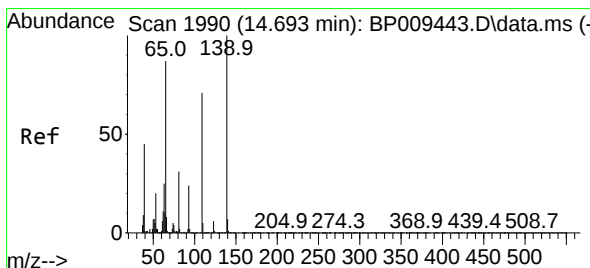
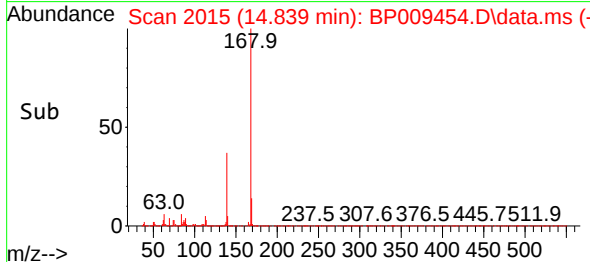
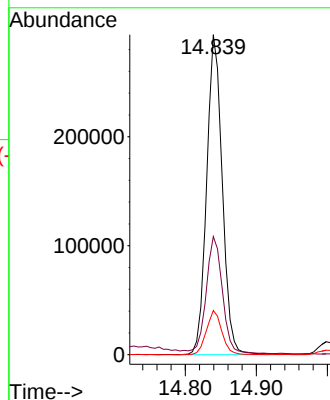
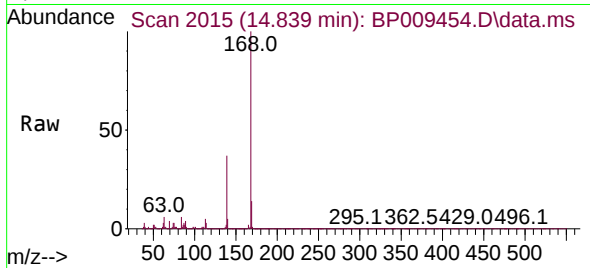




#55
Dibenzenofuran
Concen: 7.513 ng
RT: 14.839 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BP009454.D
Acq: 18 Mar 2022 13:00

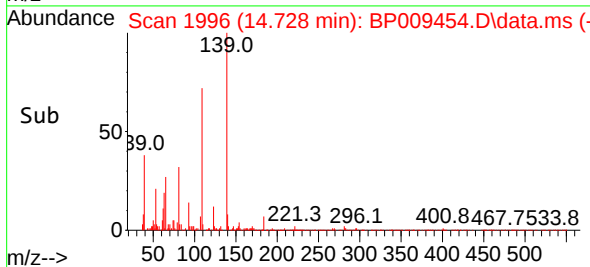
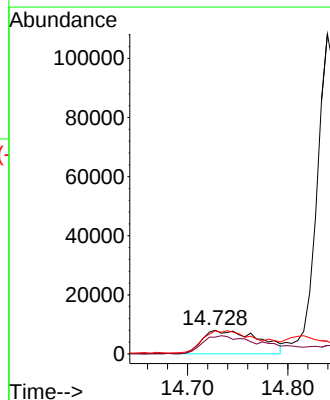
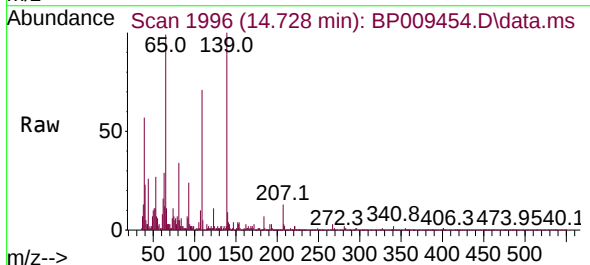
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022

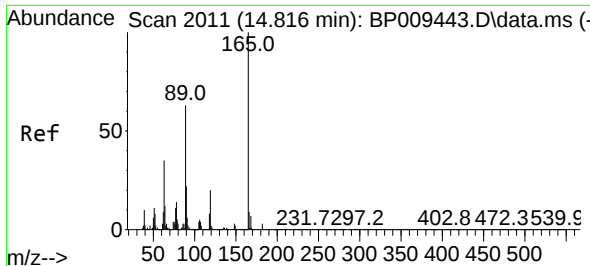
Tgt Ion:168 Resp: 449313
Ion Ratio Lower Upper
168 100
139 36.9 29.1 43.7
169 13.8 10.6 16.0



#56
4-Nitrophenol
Concen: 3.797 ng
RT: 14.728 min Scan# 1996
Delta R.T. 0.035 min
Lab File: BP009454.D
Acq: 18 Mar 2022 13:00

Tgt Ion:139 Resp: 31198
Ion Ratio Lower Upper
139 100
109 71.3 51.2 91.2
65 98.5 73.2 113.2

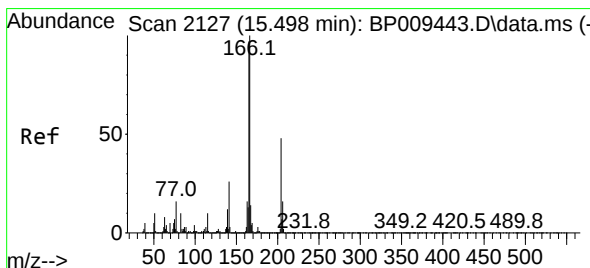
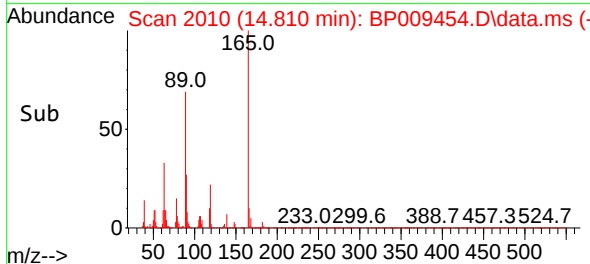
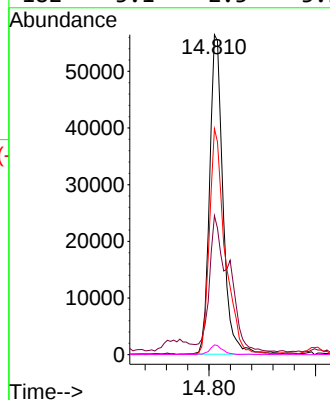
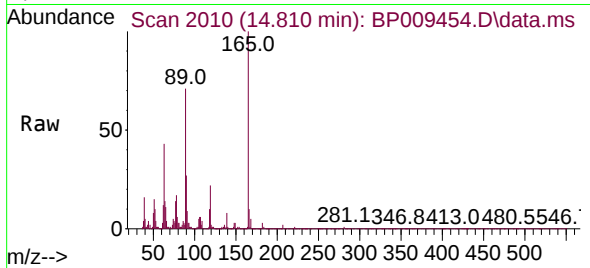




#57
2,4-Dinitrotoluene
Concen: 6.884 ng
RT: 14.810 min Scan# 2011
Delta R.T. -0.006 min
Lab File: BP009454.D
Acq: 18 Mar 2022 13:00

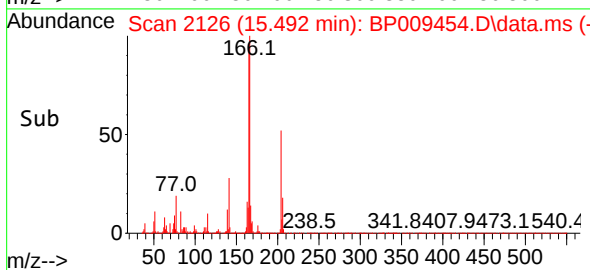
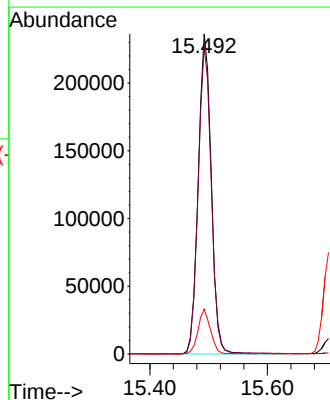
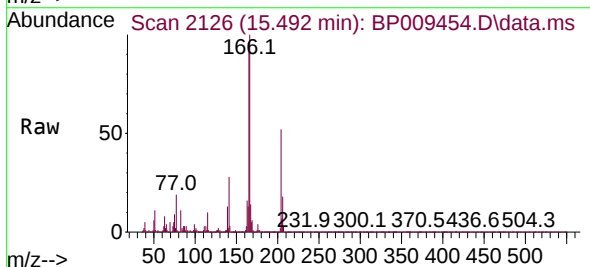
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022

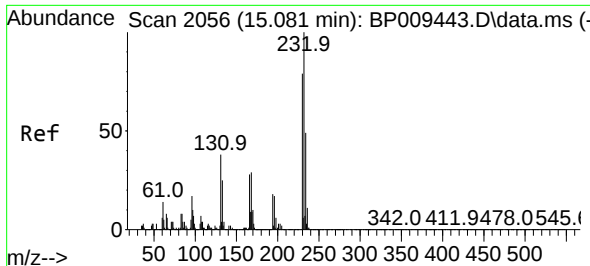
Tgt Ion:165 Resp: 98771
Ion Ratio Lower Upper
165 100
63 43.4 31.4 47.2
89 70.6 55.9 83.9
182 3.1 2.3 3.5



#58
Fluorene
Concen: 7.707 ng
RT: 15.492 min Scan# 2126
Delta R.T. -0.006 min
Lab File: BP009454.D
Acq: 18 Mar 2022 13:00

Tgt Ion:166 Resp: 362504
Ion Ratio Lower Upper
166 100
165 96.1 79.2 118.8
167 14.0 10.7 16.1

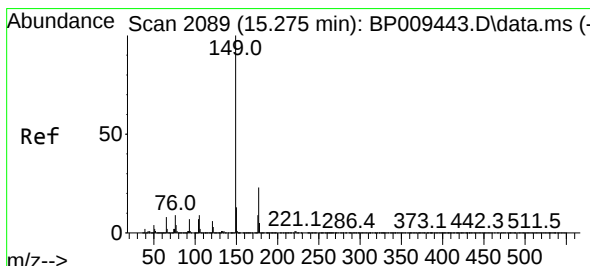
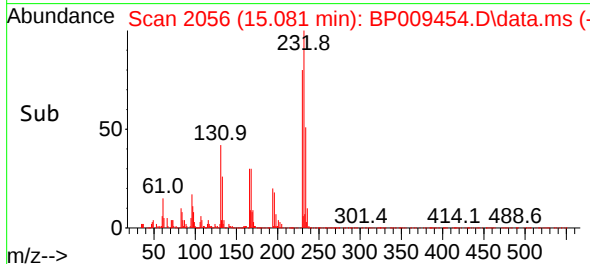
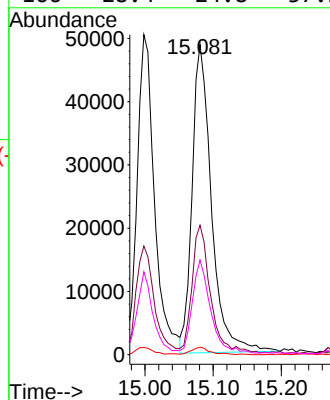
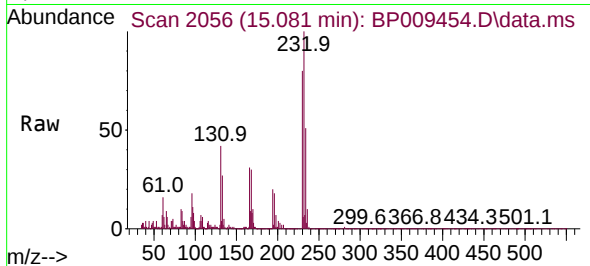




#59
2,3,4,6-Tetrachlorophenol
Concen: 6.726 ng
RT: 15.081 min Scan# 2056
Delta R.T. -0.000 min
Lab File: BP009454.D
Acq: 18 Mar 2022 13:00

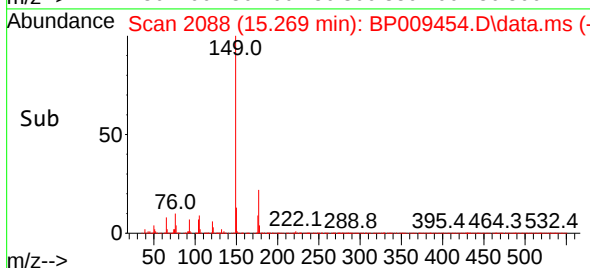
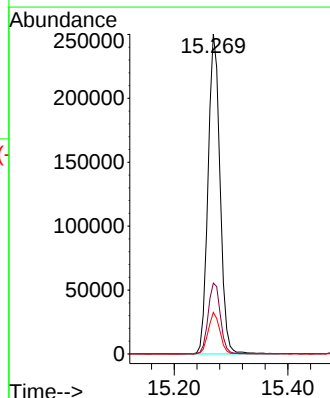
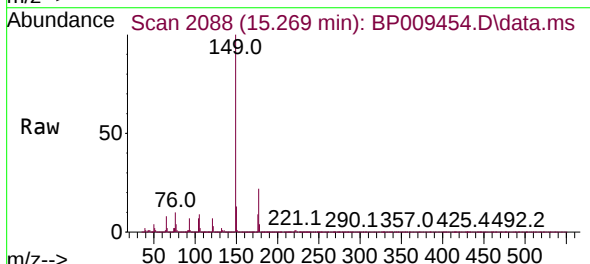
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022

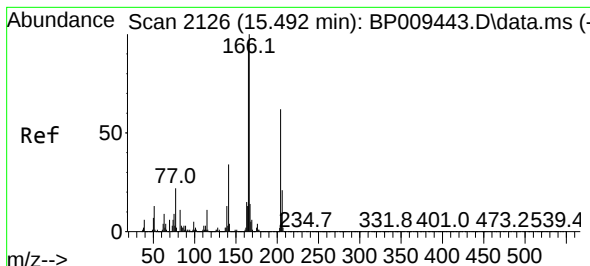
Tgt Ion:232	Resp:	95712
Ion Ratio	Lower	Upper
232	100	
131	39.6	35.5 53.3
130	2.3	1.8 2.8
166	28.4	24.8 37.2



#60
Diethylphthalate
Concen: 7.299 ng
RT: 15.269 min Scan# 2088
Delta R.T. -0.006 min
Lab File: BP009454.D
Acq: 18 Mar 2022 13:00

Tgt Ion:149	Resp:	363790
Ion Ratio	Lower	Upper
149	100	
177	22.2	18.2 27.2
150	13.0	9.9 14.9

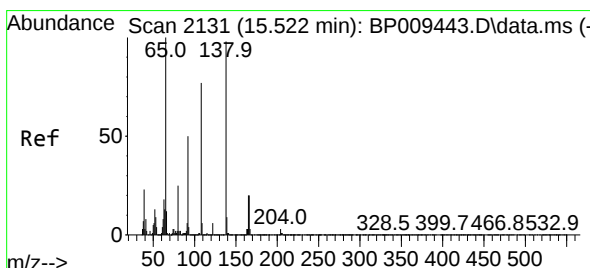
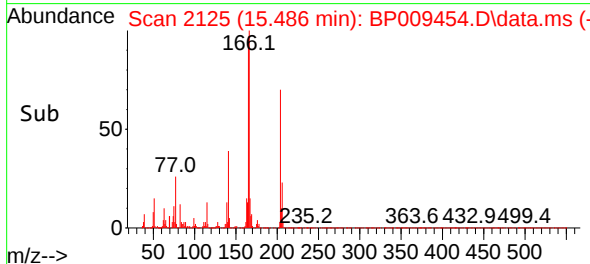
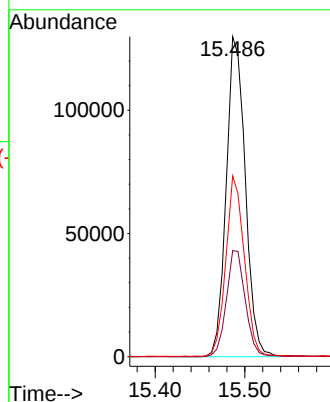
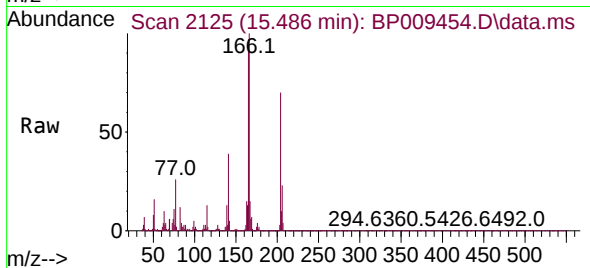




#61
4-Chlorophenyl-phenylether
Concen: 7.392 ng
RT: 15.486 min Scan# 2125
Delta R.T. -0.006 min
Lab File: BP009454.D
Acq: 18 Mar 2022 13:00

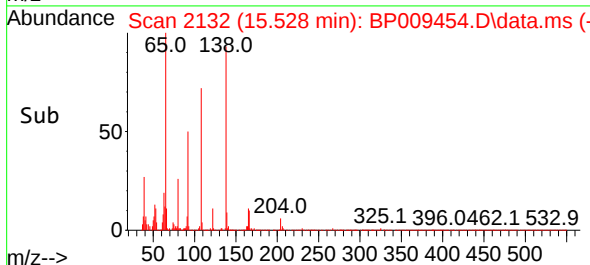
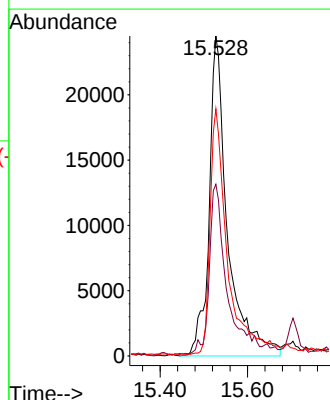
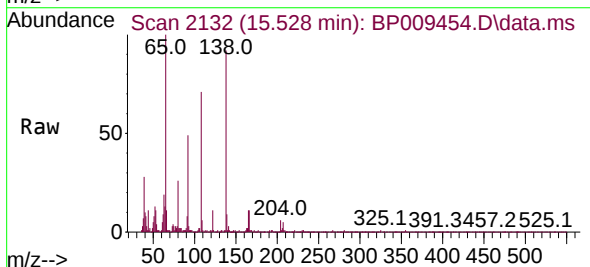
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022

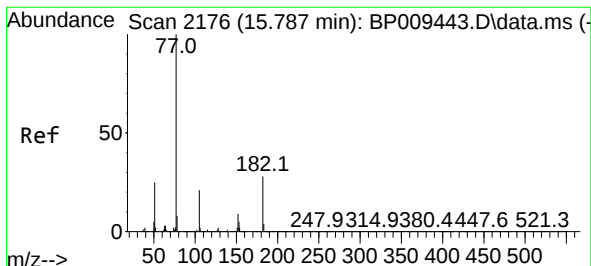
Tgt Ion:204 Resp: 191521
Ion Ratio Lower Upper
204 100
206 33.1 26.0 39.0
141 56.5 45.9 68.9



#62
4-Nitroaniline
Concen: 6.249 ng
RT: 15.528 min Scan# 2132
Delta R.T. 0.006 min
Lab File: BP009454.D
Acq: 18 Mar 2022 13:00

Tgt Ion:138 Resp: 72332
Ion Ratio Lower Upper
138 100
92 53.7 31.2 71.2
108 77.3 54.3 94.3





#63

Azobenzene

Concen: 7.257 ng

RT: 15.786 min Scan# 2176

Delta R.T. -0.000 min

Lab File: BP009454.D

Acq: 18 Mar 2022 13:00

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2022

Tgt Ion: 77 Resp: 314649

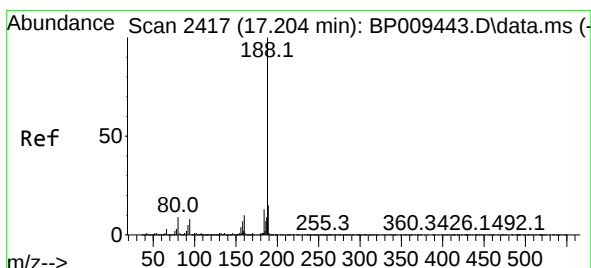
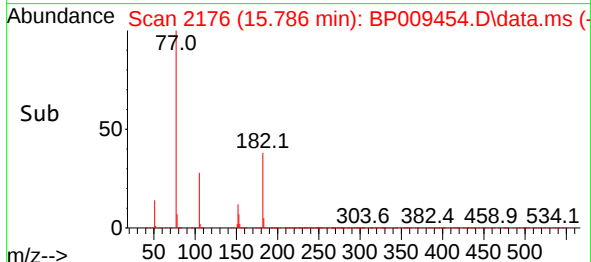
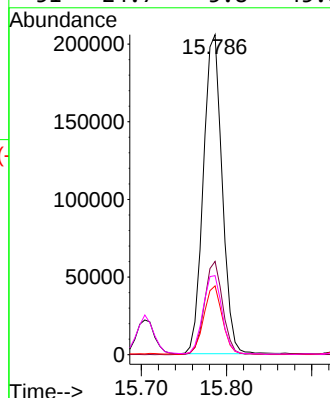
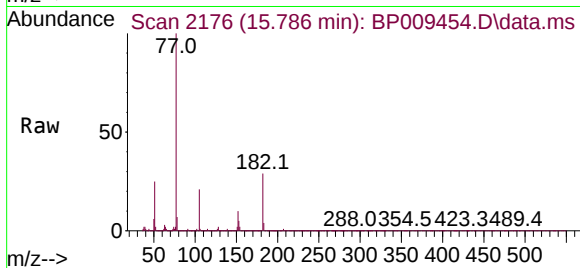
Ion Ratio Lower Upper

77 100

182 29.2 5.4 45.4

105 21.5 0.3 40.3

51 24.7 5.8 45.8



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.204 min Scan# 2417

Delta R.T. -0.000 min

Lab File: BP009454.D

Acq: 18 Mar 2022 13:00

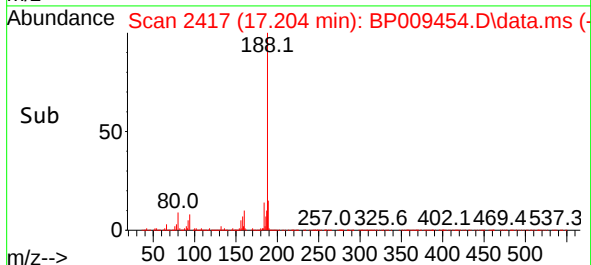
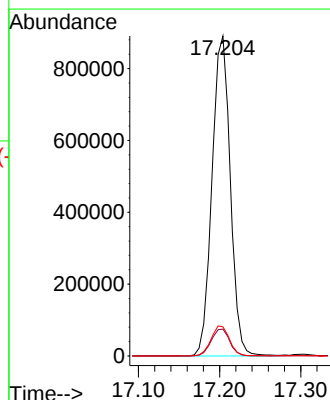
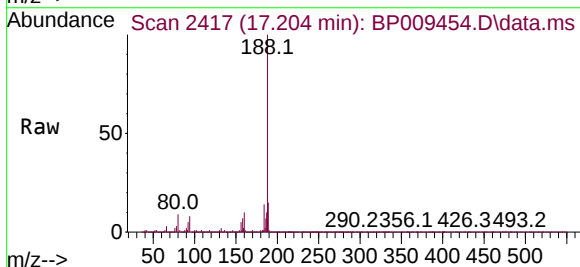
Tgt Ion: 188 Resp: 1391959

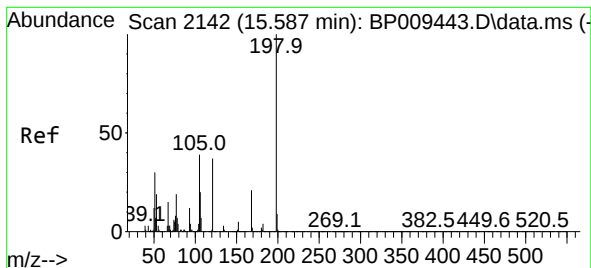
Ion Ratio Lower Upper

188 100

94 8.4 7.9 11.9

80 9.1 8.8 13.2

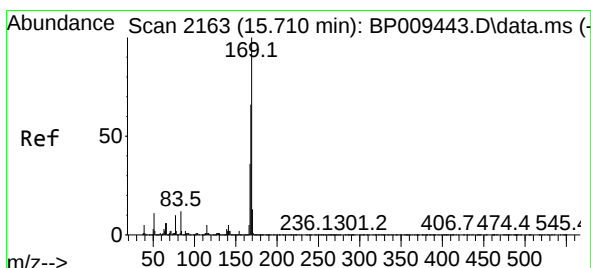
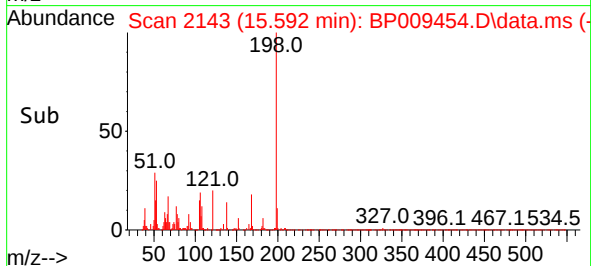
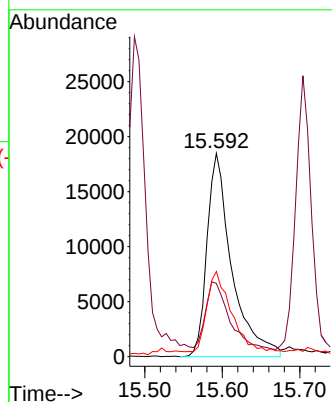
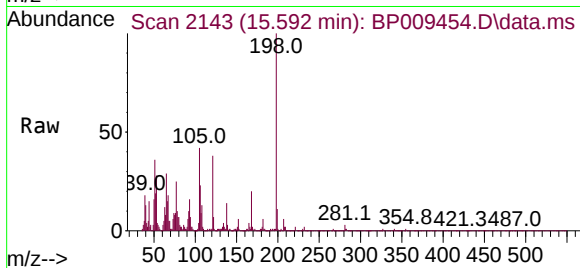




#65
4,6-Dinitro-2-methylphenol
Concen: 4.593 ng
RT: 15.592 min Scan# 2143
Delta R.T. 0.006 min
Lab File: BP009454.D
Acq: 18 Mar 2022 13:00

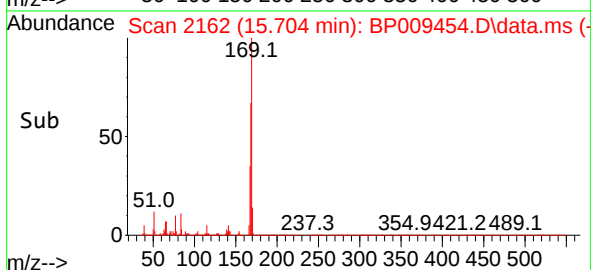
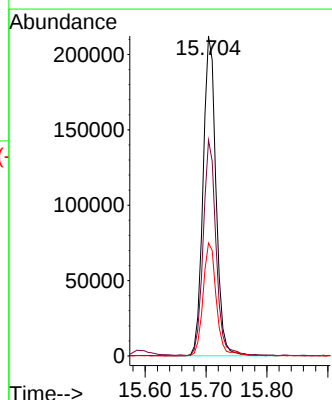
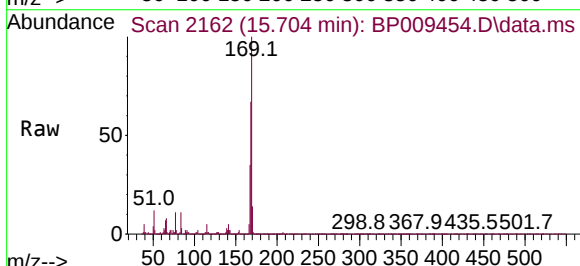
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022

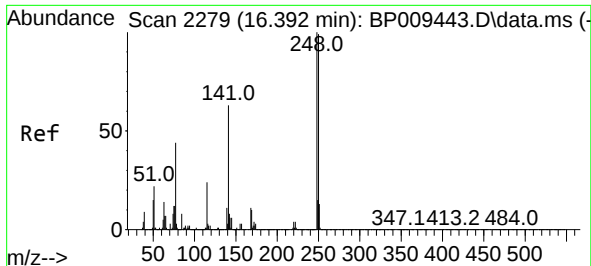
Tgt Ion:198 Resp: 41106
Ion Ratio Lower Upper
198 100
51 36.0 17.7 57.7
105 41.8 23.2 63.2



#66
n-Nitrosodiphenylamine
Concen: 7.614 ng
RT: 15.704 min Scan# 2162
Delta R.T. -0.006 min
Lab File: BP009454.D
Acq: 18 Mar 2022 13:00

Tgt Ion:169 Resp: 313650
Ion Ratio Lower Upper
169 100
168 67.5 51.6 77.4
167 35.3 29.0 43.4

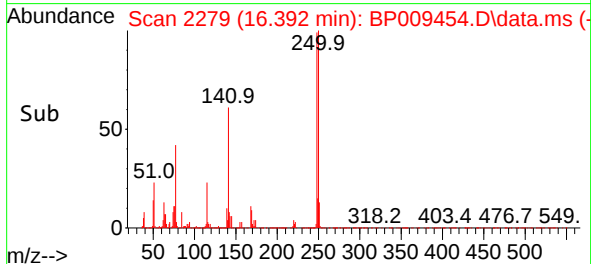
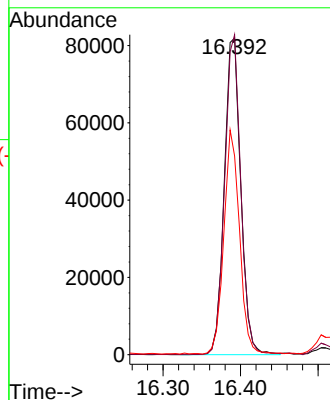
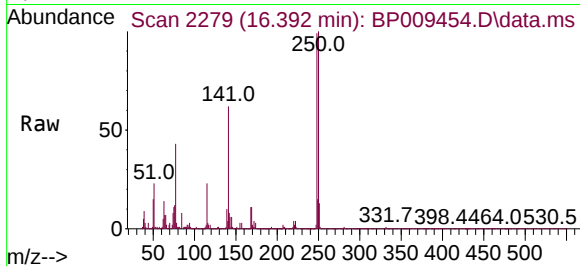




#67
4-Bromophenyl-phenylether
Concen: 7.108 ng
RT: 16.392 min Scan# 2279
Delta R.T. -0.000 min
Lab File: BP009454.D
Acq: 18 Mar 2022 13:00

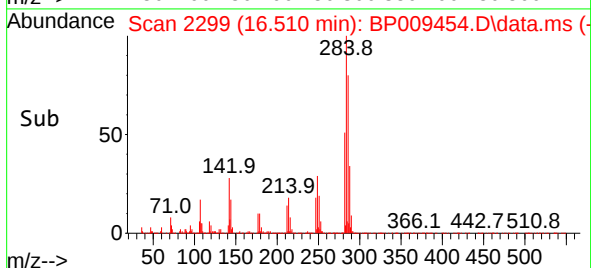
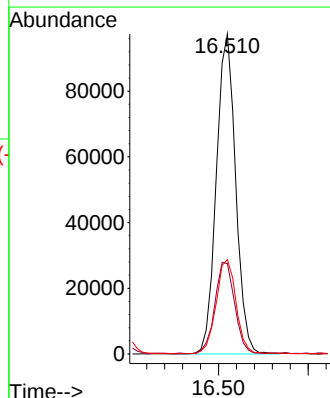
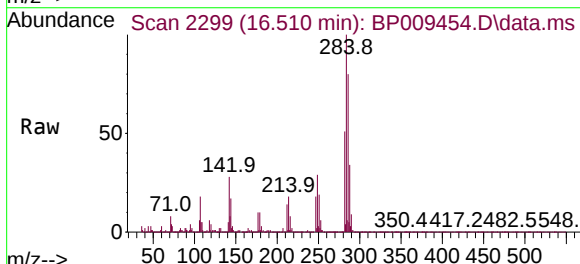
Instrument : BNA_P
ClientSampleId : LOD-MDL-SOIL-01-QT1-2022

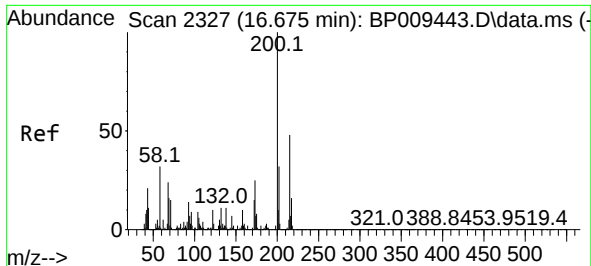
Tgt Ion:248 Resp: 121066
Ion Ratio Lower Upper
248 100
250 101.1 77.7 116.5
141 62.8 58.3 87.5



#68
Hexachlorobenzene
Concen: 7.422 ng
RT: 16.510 min Scan# 2299
Delta R.T. -0.000 min
Lab File: BP009454.D
Acq: 18 Mar 2022 13:00

Tgt Ion:284 Resp: 145494
Ion Ratio Lower Upper
284 100
142 28.3 26.8 40.2
249 29.4 24.6 37.0

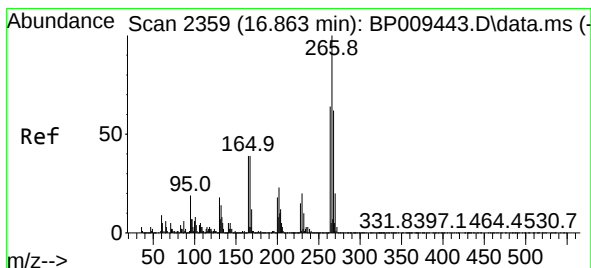
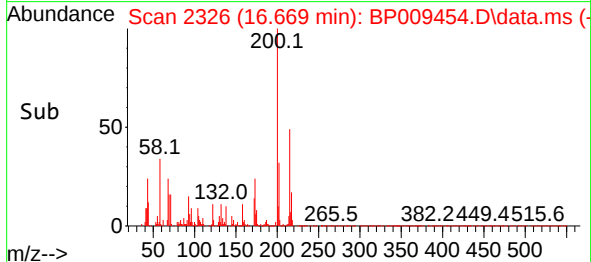
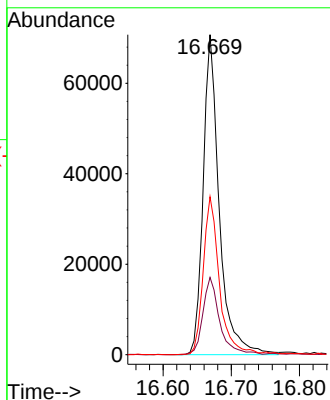
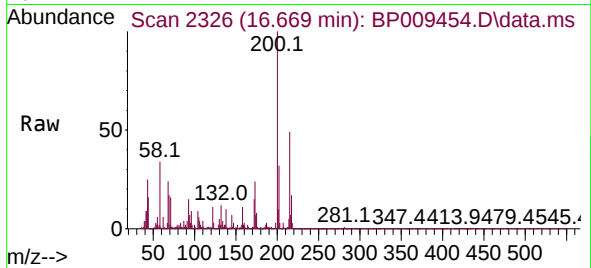




#69
Atrazine
Concen: 8.018 ng
RT: 16.669 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP009454.D
Acq: 18 Mar 2022 13:00

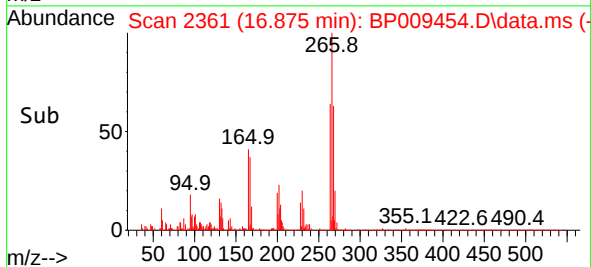
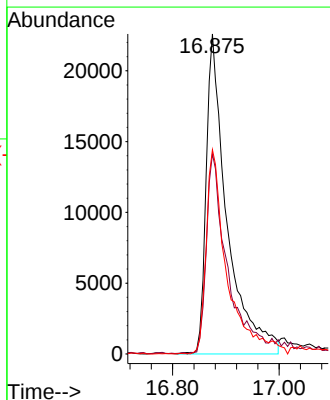
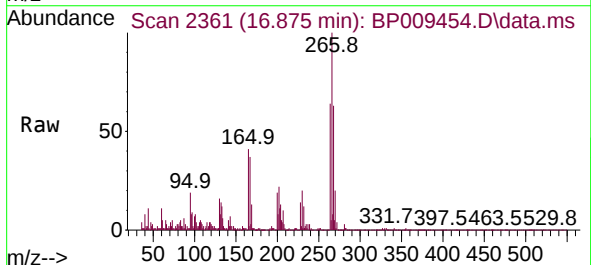
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022

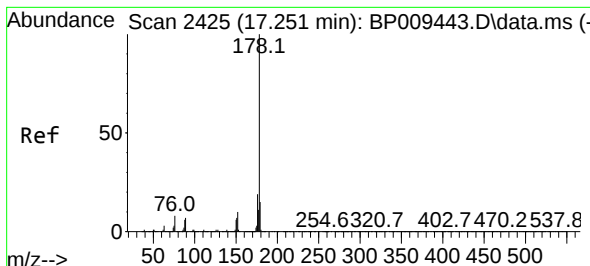
Tgt Ion:200 Resp: 116122
Ion Ratio Lower Upper
200 100
173 24.1 6.2 46.2
215 49.4 28.5 68.5



#70
Pentachlorophenol
Concen: 5.860 ng
RT: 16.875 min Scan# 2361
Delta R.T. 0.012 min
Lab File: BP009454.D
Acq: 18 Mar 2022 13:00

Tgt Ion:266 Resp: 61407
Ion Ratio Lower Upper
266 100
268 62.5 49.8 74.8
264 63.9 50.9 76.3





#71

Phenanthrene

Concen: 7.799 ng

RT: 17.245 min Scan# 2425

Delta R.T. -0.006 min

Lab File: BP009454.D

Acq: 18 Mar 2022 13:00

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2022

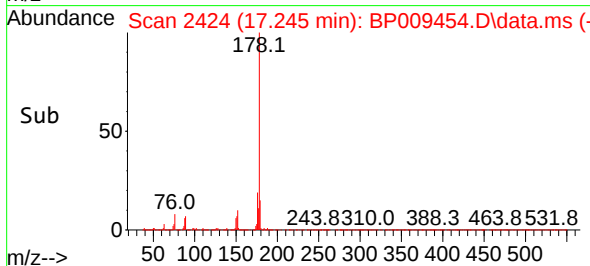
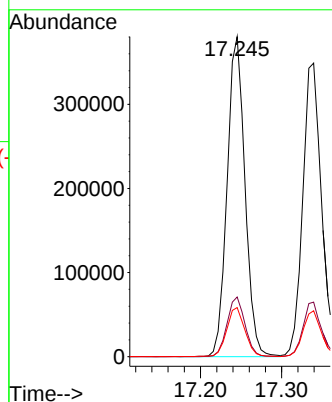
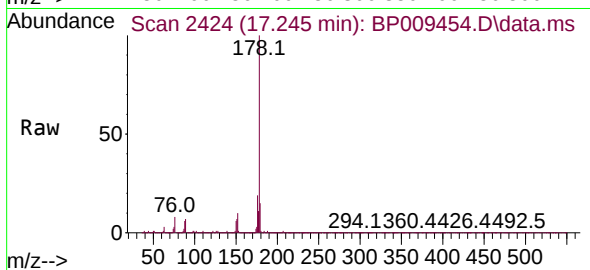
Tgt Ion:178 Resp: 581095

Ion Ratio Lower Upper

178 100

176 18.7 15.4 23.2

179 15.4 12.3 18.5



#72

Anthracene

Concen: 7.719 ng

RT: 17.339 min Scan# 2440

Delta R.T. -0.000 min

Lab File: BP009454.D

Acq: 18 Mar 2022 13:00

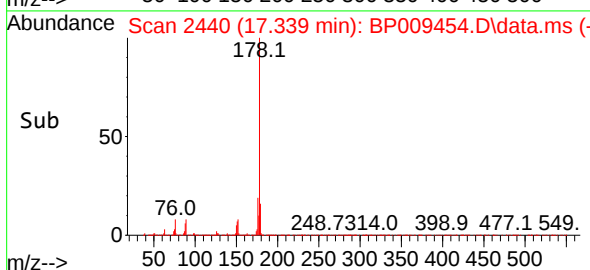
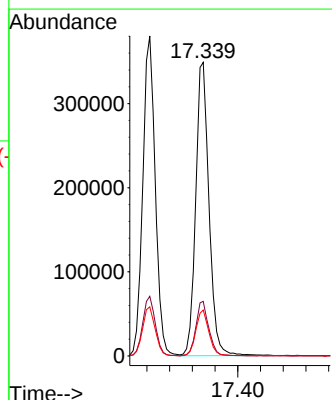
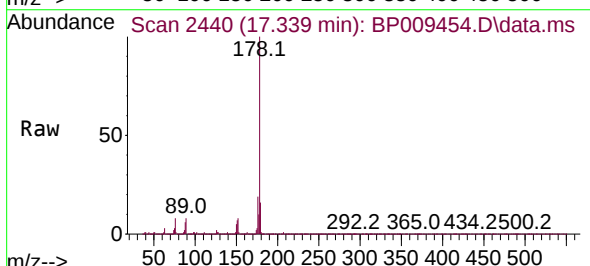
Tgt Ion:178 Resp: 567843

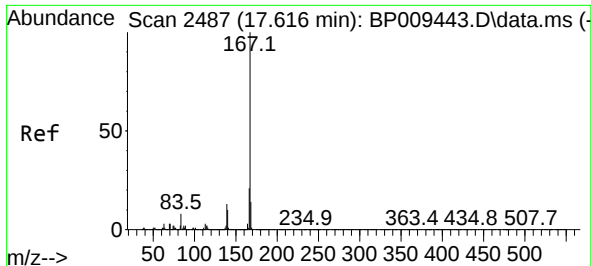
Ion Ratio Lower Upper

178 100

176 18.6 14.8 22.2

179 15.7 12.2 18.4

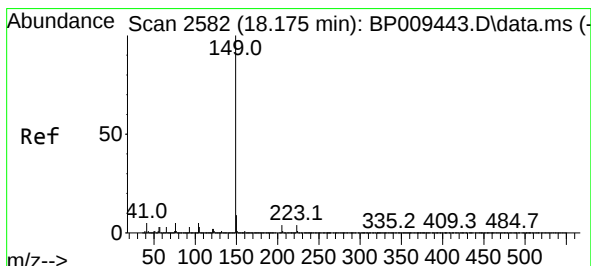
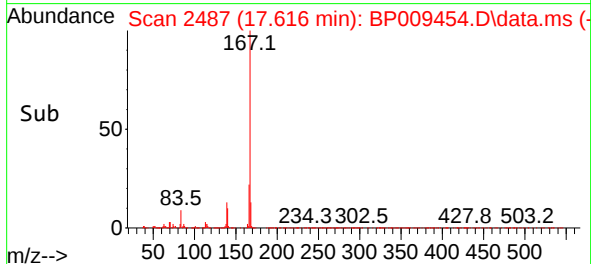
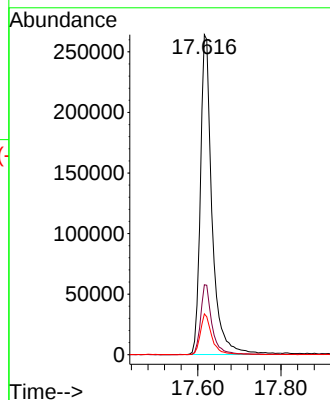
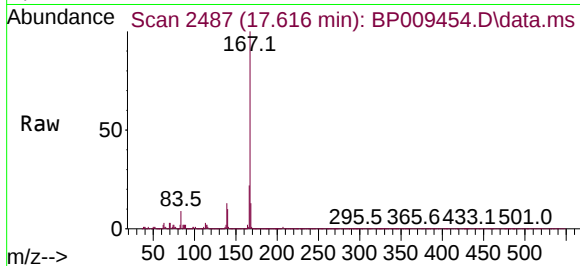




#73
 Carbazole
 Concen: 7.151 ng
 RT: 17.616 min Scan# 2487
 Delta R.T. -0.000 min
 Lab File: BP009454.D
 Acq: 18 Mar 2022 13:00

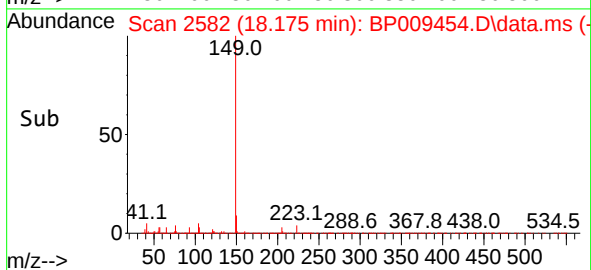
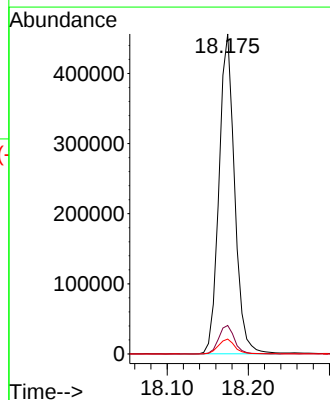
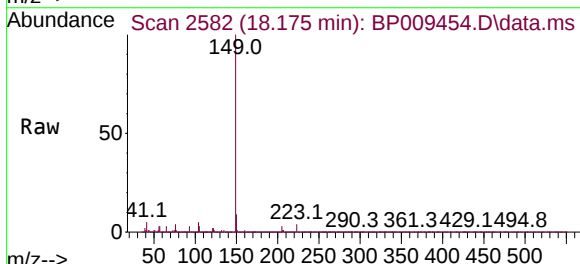
Instrument : BNA_P
 ClientSampleId : LOD-MDL-SOIL-01-QT1-2022

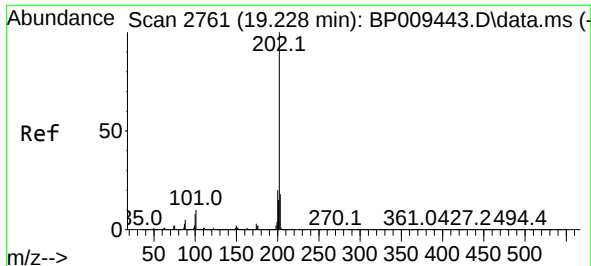
Tgt	Ion:167	Resp:	514511
Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.2	25.8
139	12.8	10.3	15.5



#74
 Di-n-butylphthalate
 Concen: 7.248 ng
 RT: 18.175 min Scan# 2582
 Delta R.T. -0.000 min
 Lab File: BP009454.D
 Acq: 18 Mar 2022 13:00

Tgt	Ion:149	Resp:	611111
Ion	Ratio	Lower	Upper
149	100		
150	8.9	7.3	10.9
104	4.7	4.2	6.2

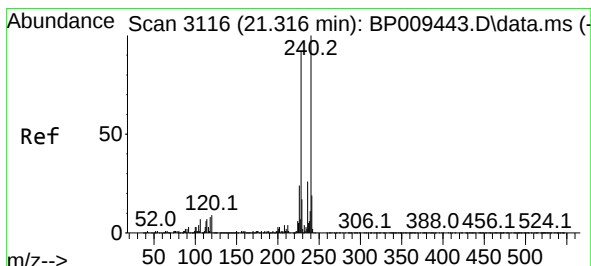
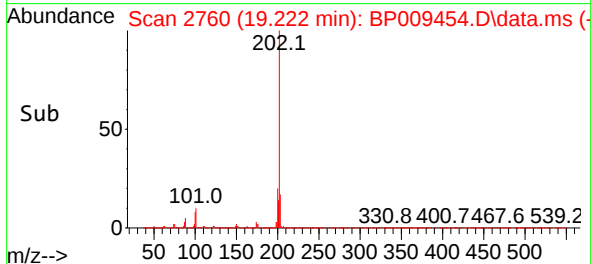
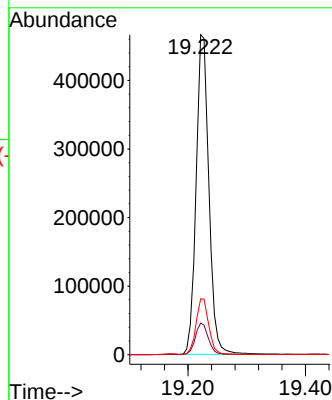
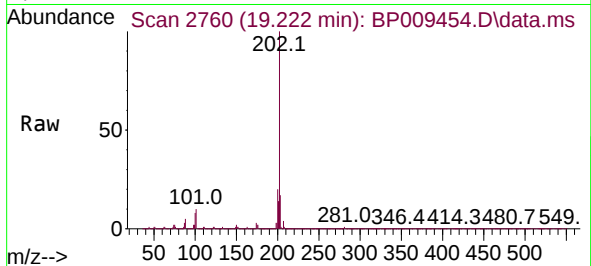




#75
Fluoranthene
Concen: 7.812 ng
RT: 19.222 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP009454.D
Acq: 18 Mar 2022 13:00

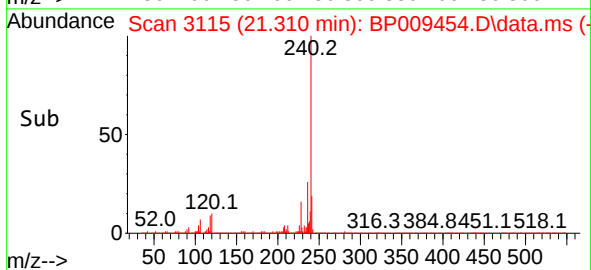
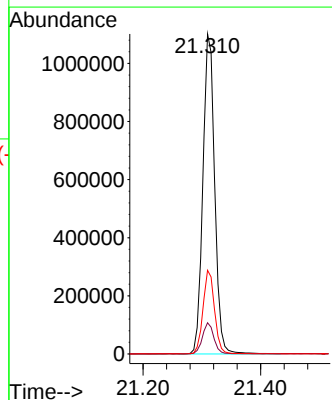
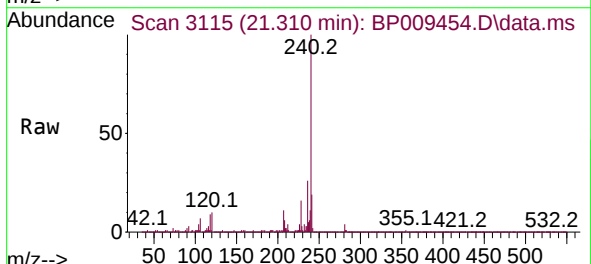
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022

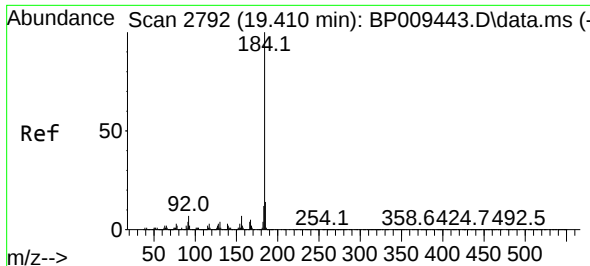
Tgt Ion:202 Resp: 704700
Ion Ratio Lower Upper
202 100
101 9.9 0.0 31.5
203 17.4 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.310 min Scan# 3115
Delta R.T. -0.006 min
Lab File: BP009454.D
Acq: 18 Mar 2022 13:00

Tgt Ion:240 Resp: 1531057
Ion Ratio Lower Upper
240 100
120 9.8 9.0 13.4
236 26.1 20.6 30.8

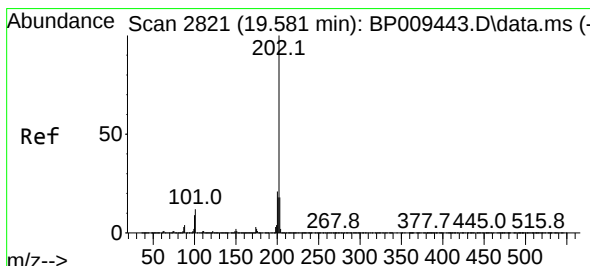
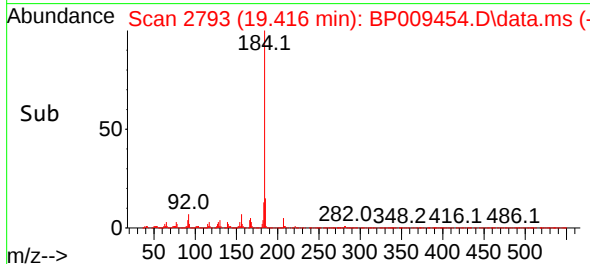
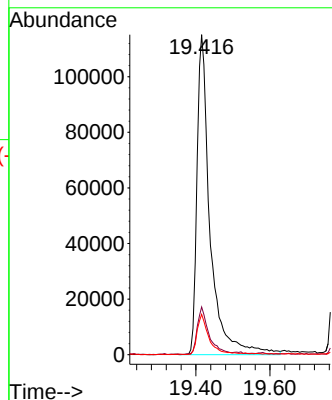
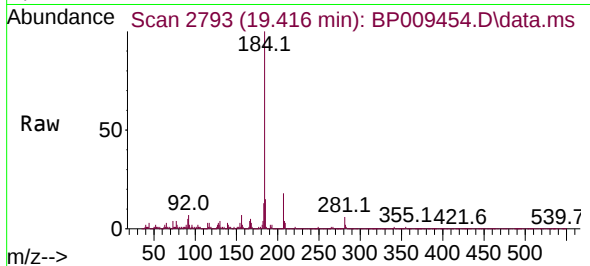




#77
Benzidine
Concen: 7.552 ng
RT: 19.416 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP009454.D
Acq: 18 Mar 2022 13:00

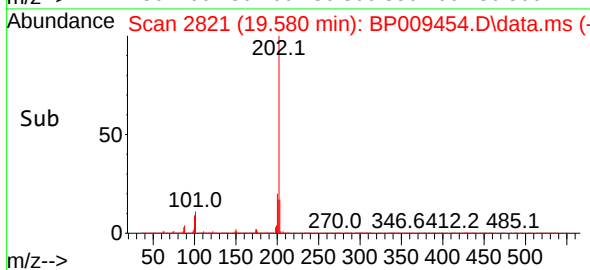
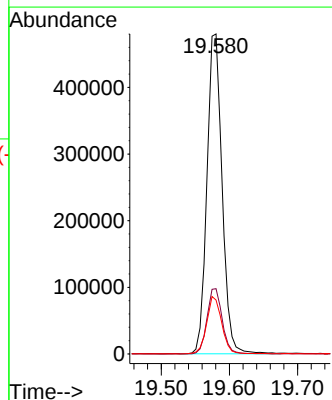
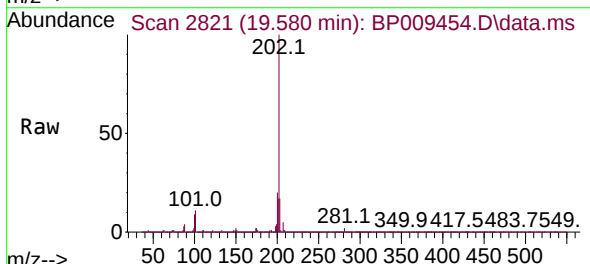
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022

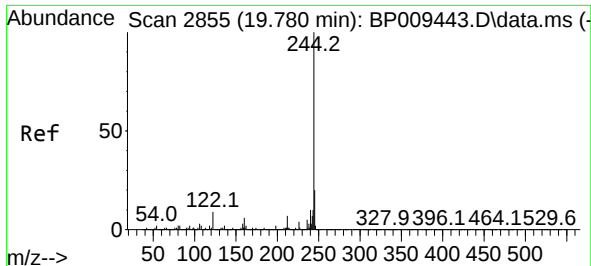
Tgt Ion:184 Resp: 283399
Ion Ratio Lower Upper
184 100
185 14.9 11.5 17.3
183 12.6 9.4 14.0



#78
Pyrene
Concen: 7.364 ng
RT: 19.580 min Scan# 2821
Delta R.T. -0.000 min
Lab File: BP009454.D
Acq: 18 Mar 2022 13:00

Tgt Ion:202 Resp: 742969
Ion Ratio Lower Upper
202 100
200 20.4 16.8 25.2
203 16.9 14.2 21.4

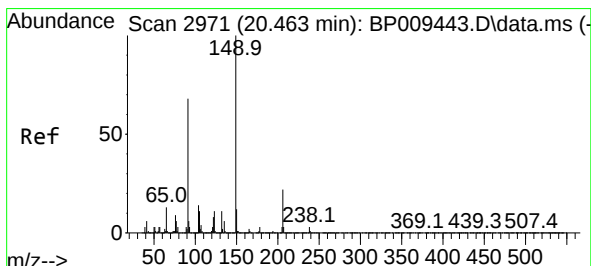
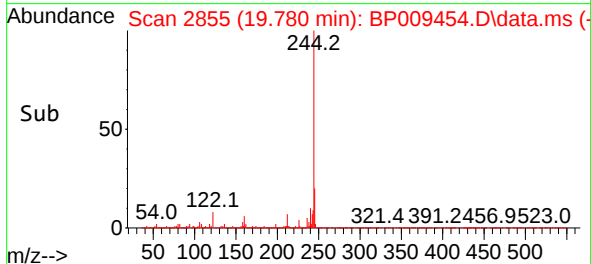
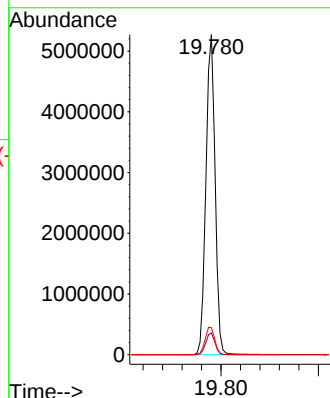
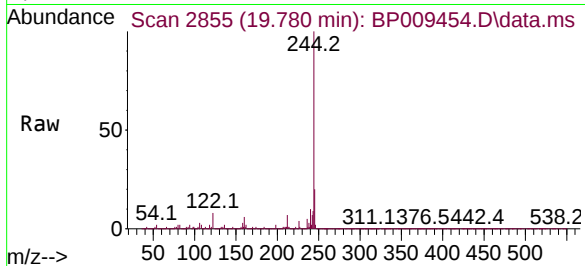




#79
 Terphenyl-d14
 Concen: 80.603 ng
 RT: 19.780 min Scan# 2855
 Delta R.T. -0.000 min
 Lab File: BP009454.D
 Acq: 18 Mar 2022 13:00

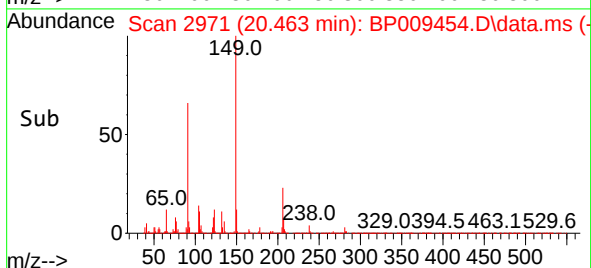
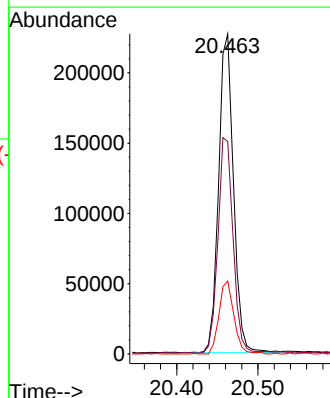
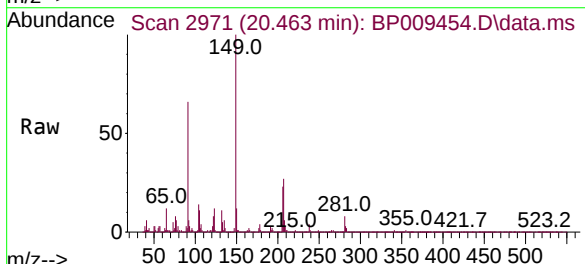
Instrument :
 BNA_P
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2022

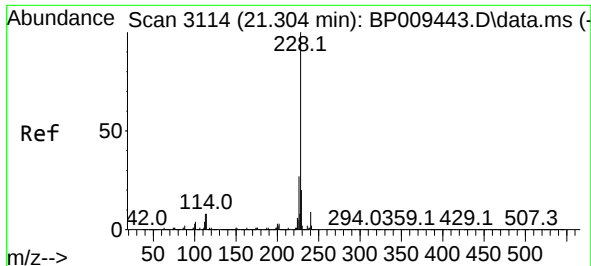
Tgt Ion:244 Resp: 6875542
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.8 8.6
 122 8.4 8.3 12.5



#80
 Butylbenzylphthalate
 Concen: 6.762 ng
 RT: 20.463 min Scan# 2971
 Delta R.T. -0.000 min
 Lab File: BP009454.D
 Acq: 18 Mar 2022 13:00

Tgt Ion:149 Resp: 289983
 Ion Ratio Lower Upper
 149 100
 91 66.4 57.9 86.9
 206 22.8 16.9 25.3

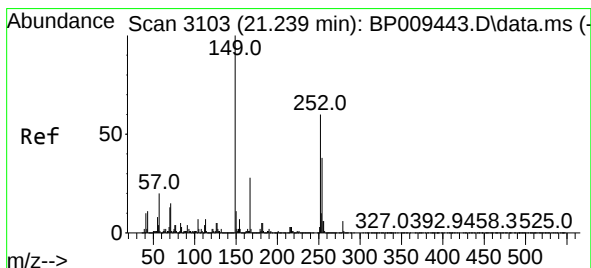
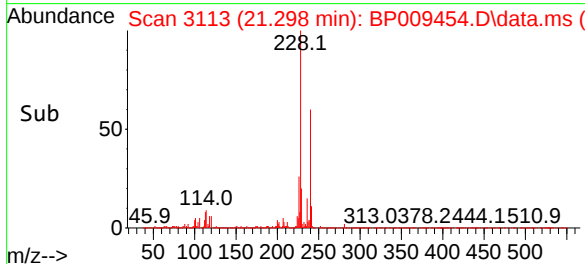
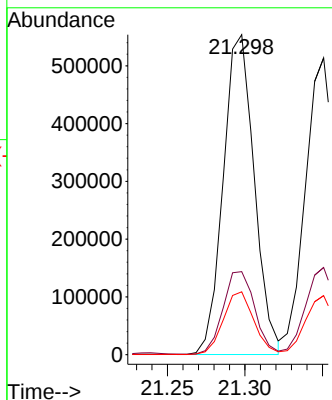
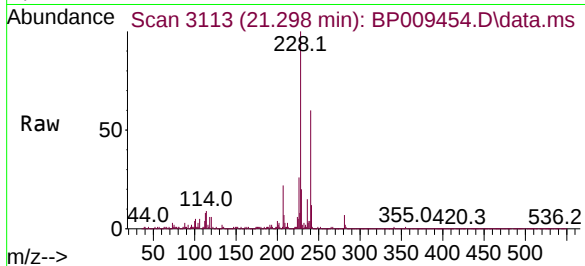




#81
Benzo(a)anthracene
Concen: 7.664 ng
RT: 21.298 min Scan# 3114
Delta R.T. -0.006 min
Lab File: BP009454.D
Acq: 18 Mar 2022 13:00

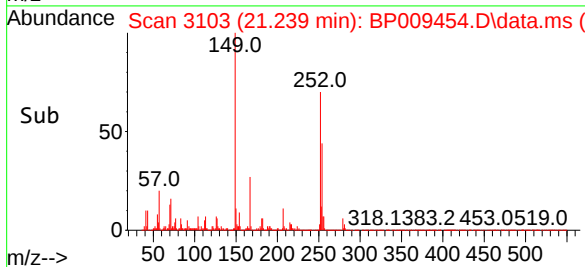
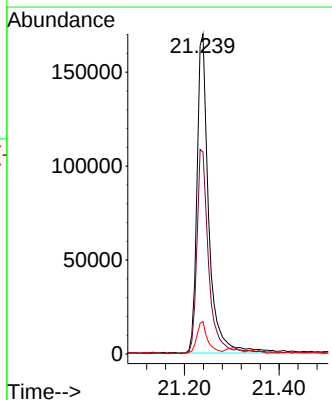
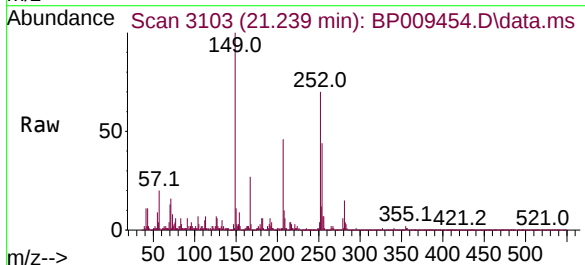
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022

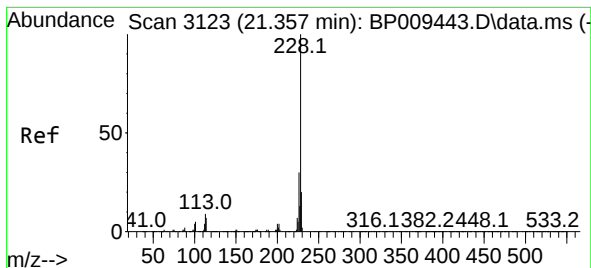
Tgt Ion:228 Resp: 770875
Ion Ratio Lower Upper
228 100
226 26.0 22.0 33.0
229 19.6 16.1 24.1



#82
3,3'-Dichlorobenzidine
Concen: 7.545 ng
RT: 21.239 min Scan# 3103
Delta R.T. -0.000 min
Lab File: BP009454.D
Acq: 18 Mar 2022 13:00

Tgt Ion:252 Resp: 293205
Ion Ratio Lower Upper
252 100
254 63.1 50.7 76.1
126 10.1 8.9 13.3





#83

Chrysene

Concen: 7.679 ng

RT: 21.351 min Scan# 3123

Delta R.T. -0.006 min

Lab File: BP009454.D

Acq: 18 Mar 2022 13:00

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2022

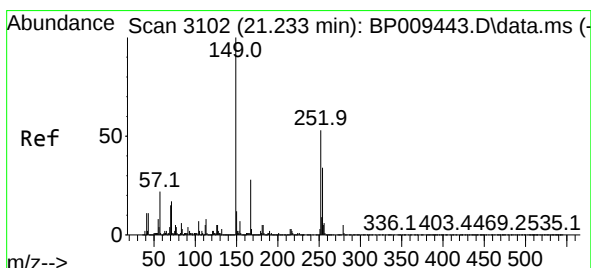
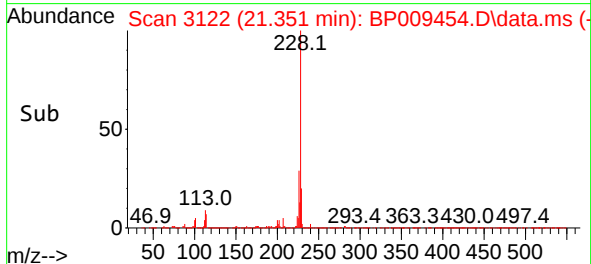
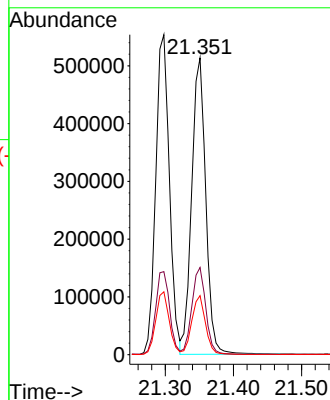
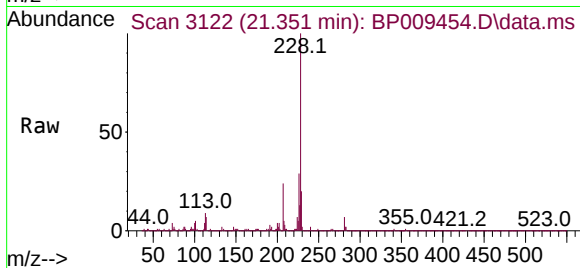
Tgt Ion:228 Resp: 731449

Ion Ratio Lower Upper

228 100

226 29.4 24.2 36.2

229 19.9 16.1 24.1



#84

Bis(2-ethylhexyl)phthalate

Concen: 7.404 ng

RT: 21.233 min Scan# 3102

Delta R.T. -0.000 min

Lab File: BP009454.D

Acq: 18 Mar 2022 13:00

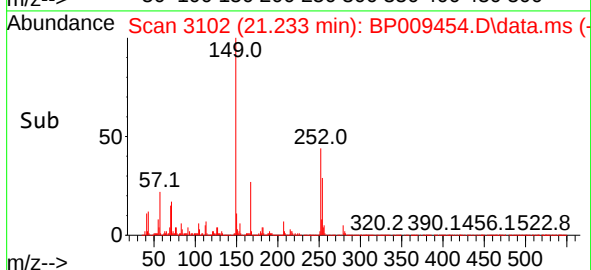
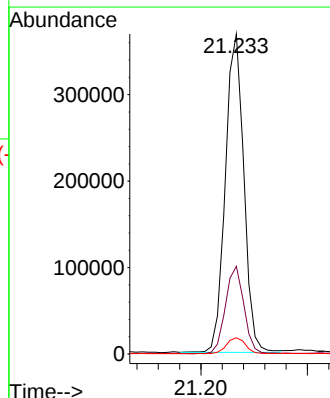
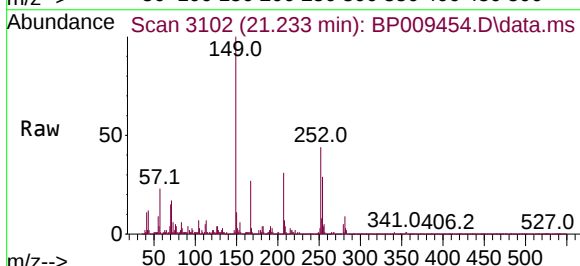
Tgt Ion:149 Resp: 442570

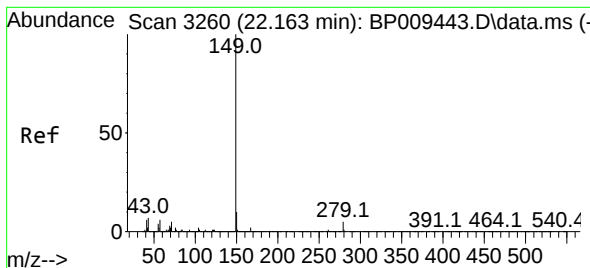
Ion Ratio Lower Upper

149 100

167 27.4 22.6 33.8

279 5.0 3.8 5.6





#85

Di-n-octyl phthalate

Concen: 7.191 ng

RT: 22.157 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP009454.D

Acq: 18 Mar 2022 13:00

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2022

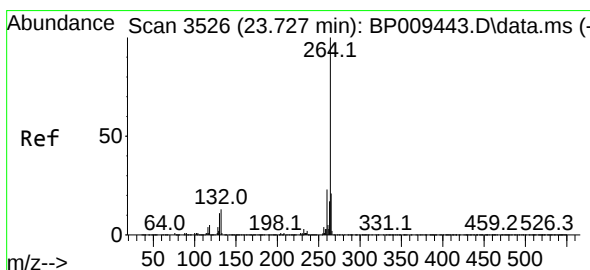
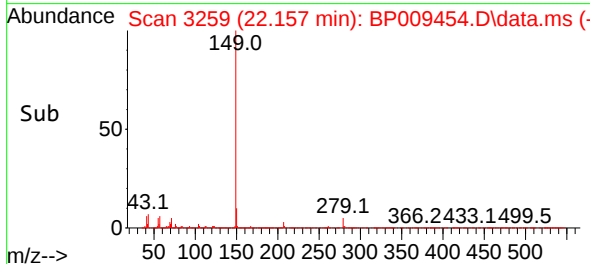
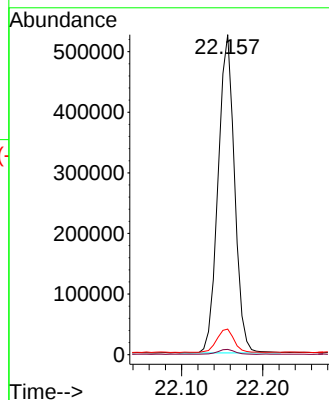
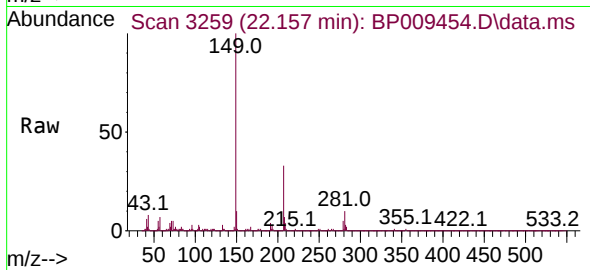
Tgt Ion:149 Resp: 740829

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 7.8 6.9 10.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.715 min Scan# 3524

Delta R.T. -0.012 min

Lab File: BP009454.D

Acq: 18 Mar 2022 13:00

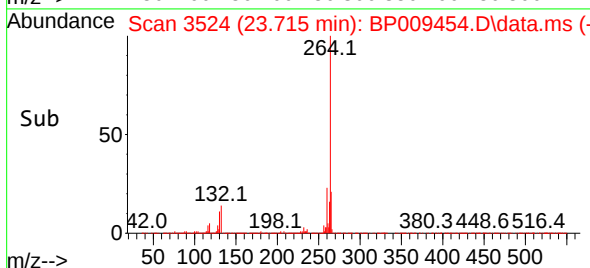
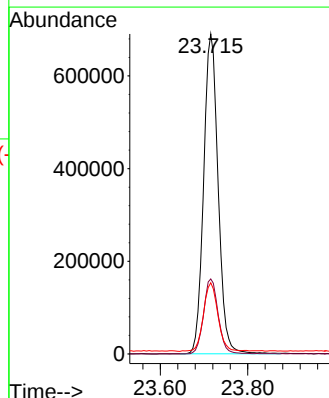
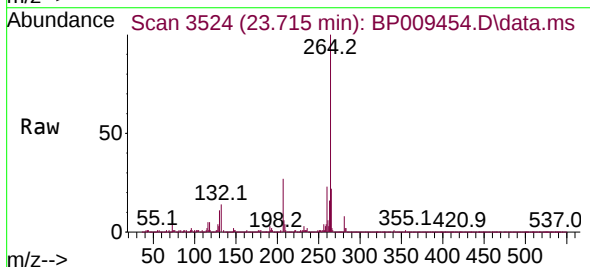
Tgt Ion:264 Resp: 1594666

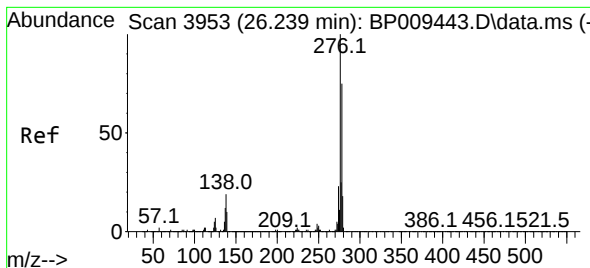
Ion Ratio Lower Upper

264 100

260 23.4 19.4 29.0

265 22.3 17.2 25.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 7.232 ng

RT: 26.215 min Scan# 3949

Delta R.T. -0.024 min

Lab File: BP009454.D

Acq: 18 Mar 2022 13:00

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2022

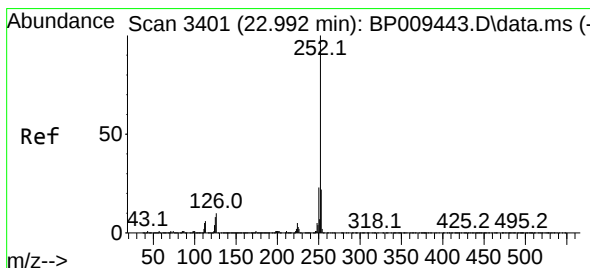
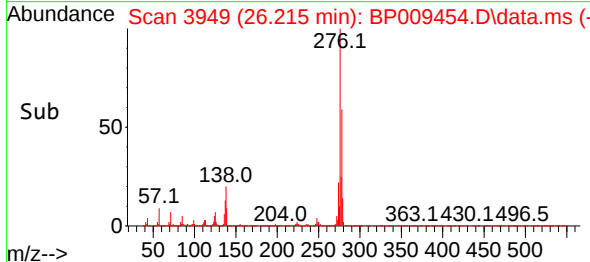
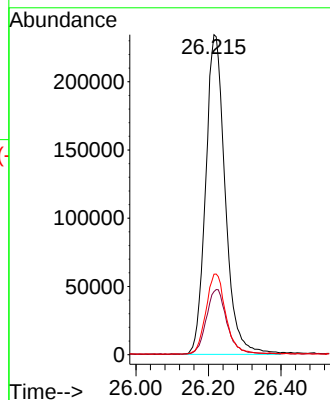
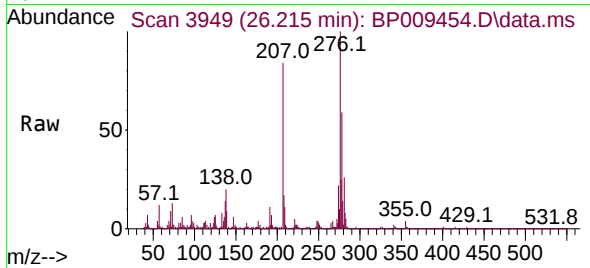
Tgt Ion:276 Resp: 874919

Ion Ratio Lower Upper

276 100

138 21.3 20.5 30.7

277 25.3 20.4 30.6



#88

Benzo(b)fluoranthene

Concen: 8.400 ng

RT: 22.980 min Scan# 3399

Delta R.T. -0.012 min

Lab File: BP009454.D

Acq: 18 Mar 2022 13:00

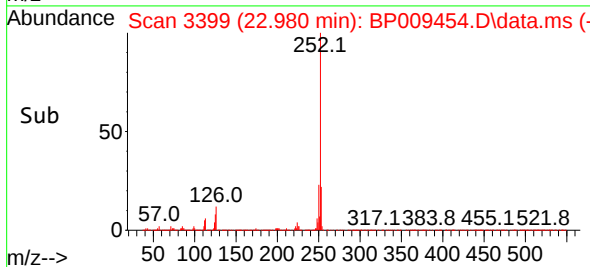
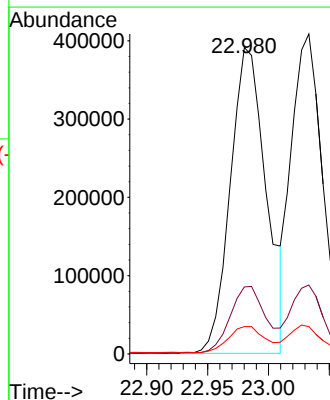
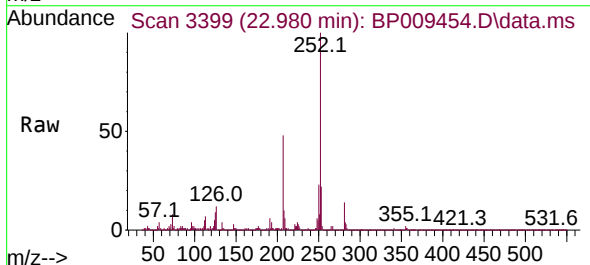
Tgt Ion:252 Resp: 799643

Ion Ratio Lower Upper

252 100

253 21.9 17.8 26.8

125 8.9 8.1 12.1

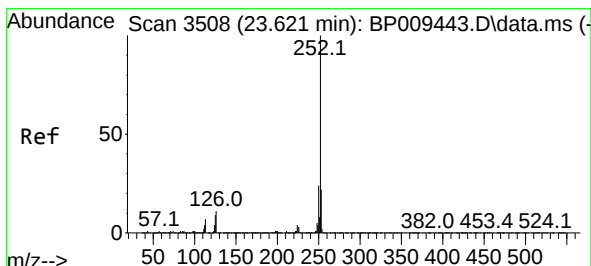
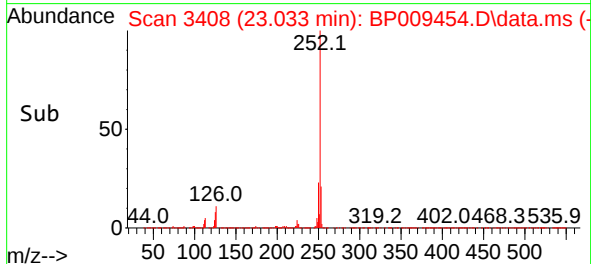
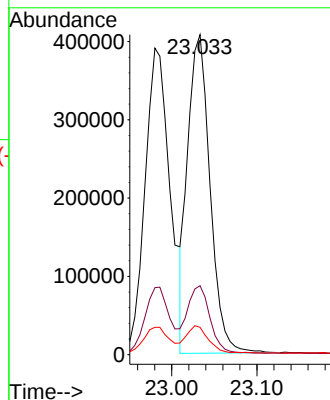
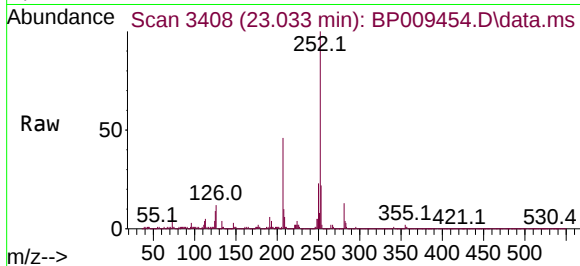




#89
Benzo(k)fluoranthene
Concen: 7.941 ng
RT: 23.033 min Scan# 3409
Delta R.T. -0.006 min
Lab File: BP009454.D
Acq: 18 Mar 2022 13:00

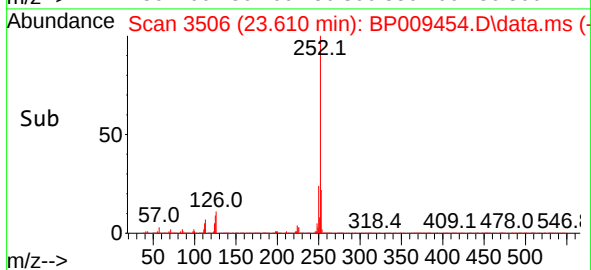
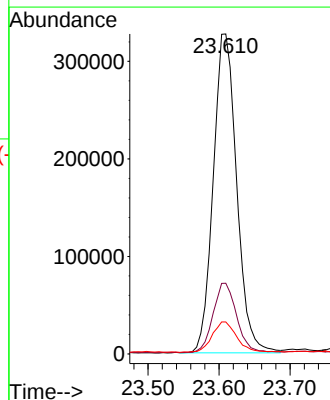
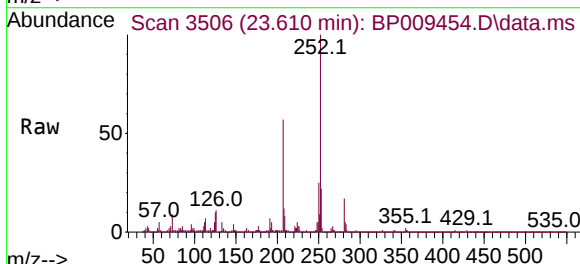
Instrument : BNA_P
ClientSampleId : LOD-MDL-SOIL-01-QT1-2022

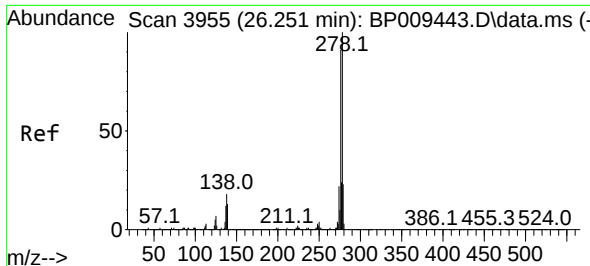
Tgt Ion:252 Resp: 740144
Ion Ratio Lower Upper
252 100
253 21.5 17.5 26.3
125 8.6 8.3 12.5



#90
Benzo(a)pyrene
Concen: 9.195 ng
RT: 23.610 min Scan# 3506
Delta R.T. -0.012 min
Lab File: BP009454.D
Acq: 18 Mar 2022 13:00

Tgt Ion:252 Resp: 748946
Ion Ratio Lower Upper
252 100
253 22.1 17.8 26.6
125 10.0 9.3 13.9

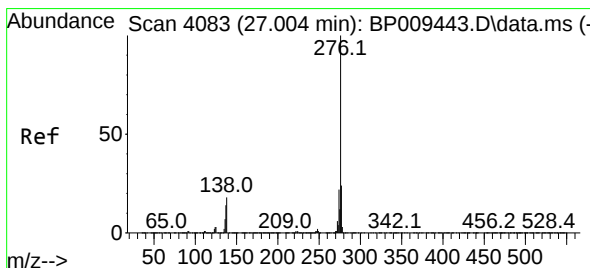
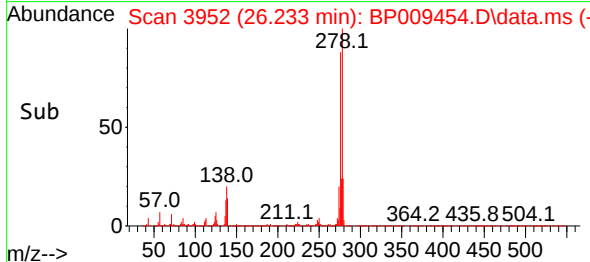
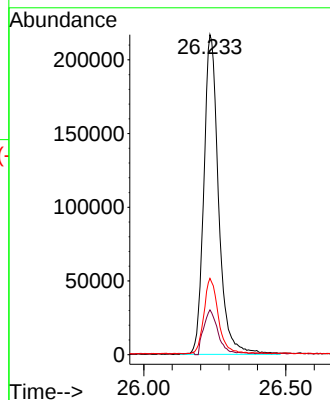
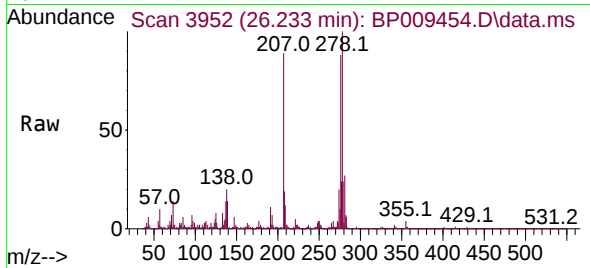




#91
 Dibenzo(a,h)anthracene
 Concen: 7.754 ng
 RT: 26.233 min Scan# 3955
 Delta R.T. -0.018 min
 Lab File: BP009454.D
 Acq: 18 Mar 2022 13:00

Instrument :
 BNA_P
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2022

Tgt Ion:278 Resp: 781876
 Ion Ratio Lower Upper
 278 100
 139 14.0 13.2 19.8
 279 23.9 19.2 28.8



#92
 Benzo(g,h,i)perylene
 Concen: 7.680 ng
 RT: 26.986 min Scan# 4080
 Delta R.T. -0.018 min
 Lab File: BP009454.D
 Acq: 18 Mar 2022 13:00

Tgt Ion:276 Resp: 761791
 Ion Ratio Lower Upper
 276 100
 277 24.5 19.2 28.8
 138 18.0 18.0 27.0

