

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091922\
 Data File : BP011732.D
 Acq On : 19 Sep 2022 12:42
 Operator : CG/JU
 Sample : N3980-03
 Misc : MDL-MDL-SOIL-8ppm
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MDL-SOIL-03-QT3-2022

Quant Time: Sep 19 13:47:45 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 19 13:46:28 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.940	152	402433	20.000	ng	0.00
21) Naphthalene-d8	10.751	136	1595062	20.000	ng	0.00
39) Acenaphthene-d10	14.581	164	873183	20.000	ng	0.00
64) Phenanthrene-d10	17.339	188	1670965	20.000	ng	# 0.00
76) Chrysene-d12	21.416	240	1491241	20.000	ng	# 0.00
86) Perylene-d12	23.874	264	1406724	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	2239394	101.288	ng	0.00
7) Phenol-d6	7.099	99	2892411	98.142	ng	0.00
23) Nitrobenzene-d5	9.104	82	1861335	69.208	ng	0.00
42) 2,4,6-Tribromophenol	16.075	330	616617	90.380	ng	0.00
45) 2-Fluorobiphenyl	13.210	172	3924370	69.862	ng	0.00
79) Terphenyl-d14	19.886	244	4857941	70.840	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.375	88	73734	7.573	ng	# 88
3) Pyridine	3.793	79	173578	6.184	ng	# 79
4) n-Nitrosodimethylamine	3.693	42	78753	7.318	ng	# 55
6) Aniline	7.263	93	269022	7.410	ng	92
8) 2-Chlorophenol	7.499	128	184455	7.036	ng	96
9) Benzaldehyde	7.081	77	164260	8.707	ng	92
10) Phenol	7.122	94	238651	7.199	ng	87
11) bis(2-Chloroethyl)ether	7.363	93	189028	7.158	ng	93
12) 1,3-Dichlorobenzene	7.828	146	205930	7.083	ng	95
13) 1,4-Dichlorobenzene	7.975	146	209526	7.087	ng	98
14) 1,2-Dichlorobenzene	8.293	146	203301	7.213	ng	95
15) Benzyl Alcohol	8.181	79	141138	6.708	ng	# 90
16) 2,2'-oxybis(1-Chloropr...	8.469	45	265541	7.528	ng	95
17) 2-Methylphenol	8.381	107	141992	6.597	ng	# 92
18) Hexachloroethane	9.028	117	71741	7.015	ng	91
19) n-Nitroso-di-n-propyla...	8.752	70	124637	6.532	ng	88
20) 3+4-Methylphenols	8.710	107	184618	6.246	ng	93
22) Acetophenone	8.769	105	270860	7.244	ng	# 90
24) Nitrobenzene	9.152	77	204857	7.321	ng	93
25) Isophorone	9.681	82	317779	6.679	ng	# 97
26) 2-Nitrophenol	9.863	139	60426	5.264	ng	# 85
27) 2,4-Dimethylphenol	9.922	122	147629	7.422	ng	89
28) bis(2-Chloroethoxy)met...	10.163	93	232831	7.653	ng	97
29) 2,4-Dichlorophenol	10.399	162	134953	6.125	ng	98
30) 1,2,4-Trichlorobenzene	10.616	180	166149	6.811	ng	96
31) Naphthalene	10.804	128	578456	6.988	ng	99
32) Benzoic acid	9.981	122	44750	3.006	ng	# 84
33) 4-Chloroaniline	10.916	127	216016	6.652	ng	# 91
34) Hexachlorobutadiene	11.093	225	86528	6.439	ng	98
35) Caprolactam	11.687	113	32910	4.609	ng	# 80
36) 4-Chloro-3-methylphenol	12.034	107	141850	5.986	ng	95
37) 2-Methylnaphthalene	12.410	142	367977	6.643	ng	97
38) 1-Methylnaphthalene	12.628	142	350664	6.475	ng	100
40) 1,2,4,5-Tetrachloroben...	12.775	216	163724	7.104	ng	97
41) Hexachlorocyclopentadiene	12.757	237	87223	7.583	ng	100
43) 2,4,6-Trichlorophenol	13.016	196	88483	5.644	ng	99

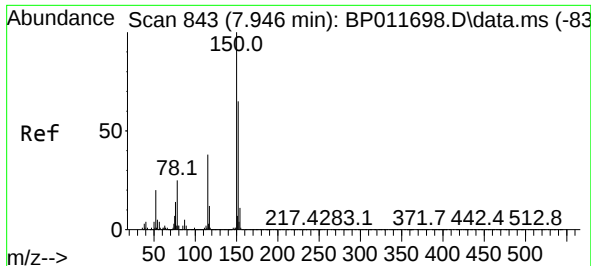
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 19 13:46:28 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.087	196	102707	5.860	ng	98
46) 1,1'-Biphenyl	13.416	154	481236	7.576	ng	99
47) 2-Chloronaphthalene	13.457	162	353452	7.072	ng	99
48) 2-Nitroaniline	13.663	65	77328	5.517	ng	91
49) Acenaphthylene	14.304	152	509284	6.586	ng	99
50) Dimethylphthalate	14.040	163	401459	6.590	ng	99
51) 2,6-Dinitrotoluene	14.157	165	68579	5.552	ng	95
52) Acenaphthene	14.645	154	333094	6.475	ng	96
53) 3-Nitroaniline	14.487	138	74207	5.209	ng	# 97
54) 2,4-Dinitrophenol	14.687	184	21987	3.654	ng	93
55) Dibenzofuran	14.981	168	519951	7.019	ng	98
56) 4-Nitrophenol	14.787	139	53204	4.433	ng	# 82
57) 2,4-Dinitrotoluene	14.939	165	79189	4.949	ng	93
58) Fluorene	15.634	166	409905	6.822	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.122	232	72417	5.029	ng	94
60) Diethylphthalate	15.404	149	385224	6.352	ng	98
61) 4-Chlorophenyl-phenyle...	15.628	204	188364	6.782	ng	97
62) 4-Nitroaniline	15.645	138	68641	4.794	ng	86
63) Azobenzene	15.922	77	371842	6.380	ng	92
65) 4,6-Dinitro-2-methylph...	15.704	198	31239	3.823	ng	93
66) n-Nitrosodiphenylamine	15.839	169	331735	6.672	ng	98
67) 4-Bromophenyl-phenylether	16.522	248	95938	6.133	ng	94
68) Hexachlorobenzene	16.634	284	109888	6.523	ng	# 89
69) Atrazine	16.792	200	95667	6.304	ng	95
70) Pentachlorophenol	16.986	266	48342	4.523	ng	98
71) Phenanthrene	17.381	178	619881	6.818	ng	98
72) Anthracene	17.469	178	577055	6.711	ng	99
73) Carbazole	17.739	167	537171	6.621	ng	100
74) Di-n-butylphthalate	18.292	149	559862	5.726	ng	99
75) Fluoranthene	19.339	202	629085	6.415	ng	95
77) Benzidine	19.522	184	269412	7.597	ng	98
78) Pyrene	19.692	202	661626	6.578	ng	98
80) Butylbenzylphthalate	20.563	149	215782	5.120	ng	98
81) Benzo(a)anthracene	21.398	228	627143	6.525	ng	97
82) 3,3'-Dichlorobenzidine	21.333	252	196361	6.726	ng	# 98
83) Chrysene	21.457	228	606994	6.610	ng	99
84) Bis(2-ethylhexyl)phtha...	21.322	149	316881	5.226	ng	# 97
85) Di-n-octyl phthalate	22.269	149	484277	4.654	ng	97
87) Indeno(1,2,3-cd)pyrene	26.439	276	626779	6.185	ng	# 88
88) Benzo(b)fluoranthene	23.116	252	601045	6.908	ng	# 96
89) Benzo(k)fluoranthene	23.168	252	587708	6.703	ng	# 97
90) Benzo(a)pyrene	23.763	252	485537	6.755	ng	# 96
91) Dibenzo(a,h)anthracene	26.462	278	556785	6.616	ng	# 93
92) Benzo(g,h,i)perylene	27.227	276	549302	6.695	ng	# 93

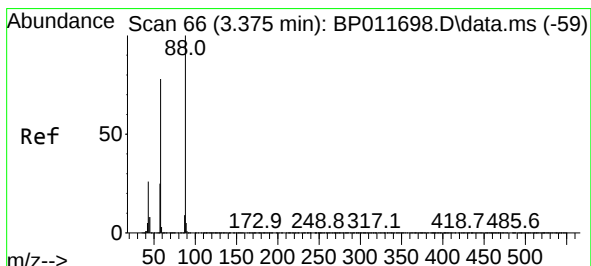
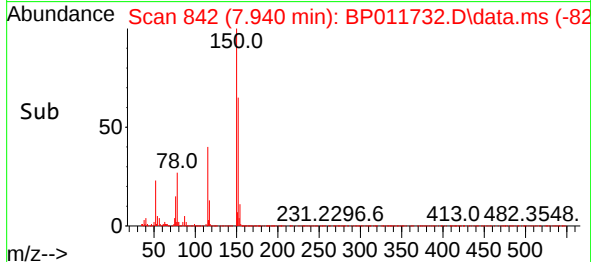
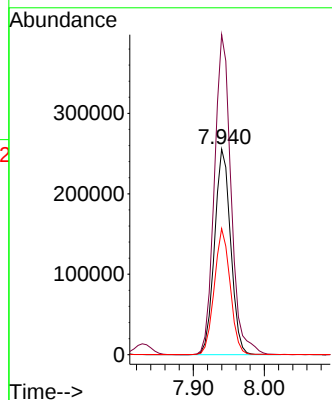
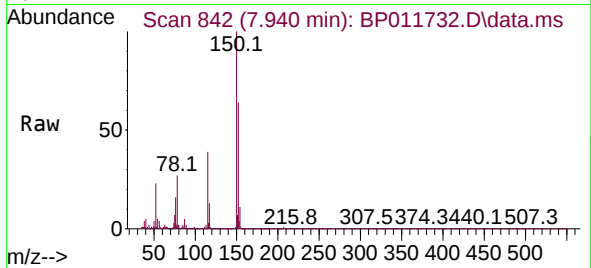
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.940 min Scan# 843
Delta R.T. -0.006 min
Lab File: BP011732.D
Acq: 19 Sep 2022 12:42

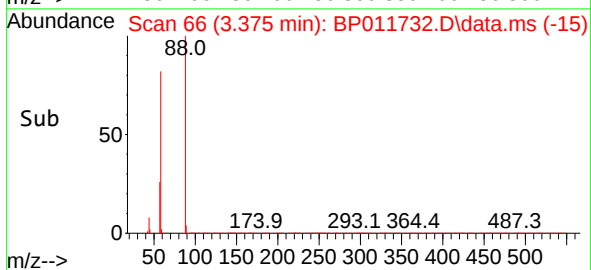
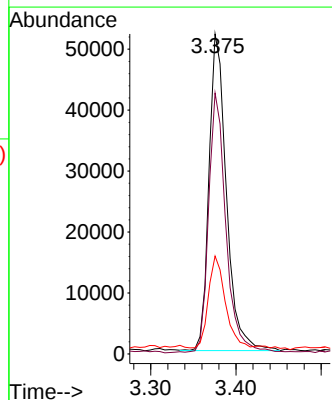
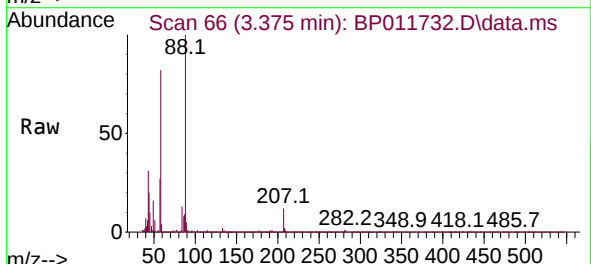
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT3-2022

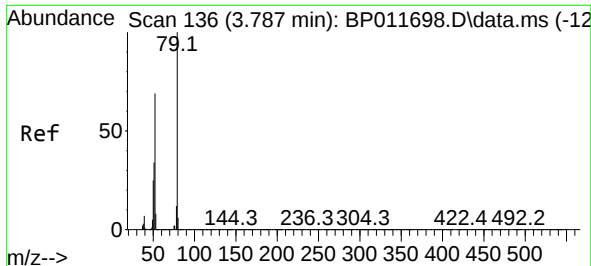
Tgt Ion:152 Resp: 402433
Ion Ratio Lower Upper
152 100
150 155.7 123.4 185.2
115 61.3 51.3 76.9



#2
1,4-Dioxane
Concen: 7.573 ng
RT: 3.375 min Scan# 66
Delta R.T. 0.000 min
Lab File: BP011732.D
Acq: 19 Sep 2022 12:42

Tgt Ion: 88 Resp: 73734
Ion Ratio Lower Upper
88 100
58 81.9 74.5 111.7
43 31.1 31.5 47.3

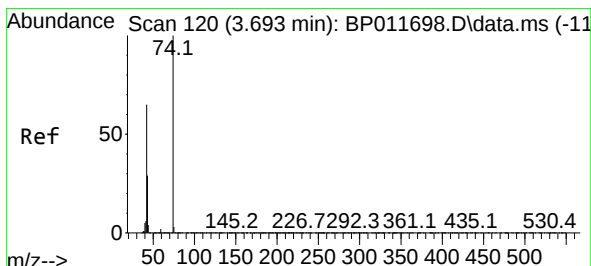
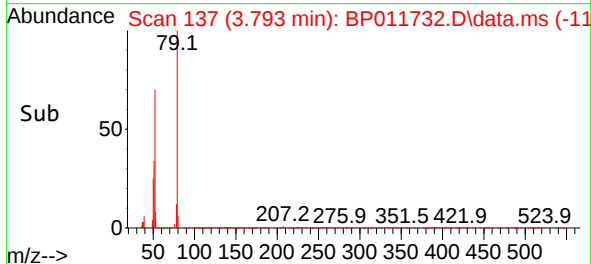
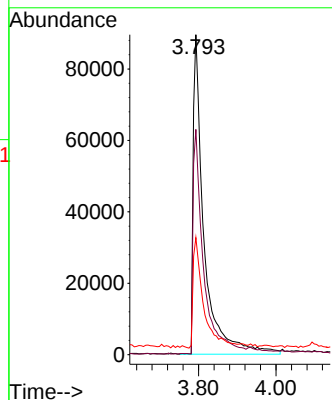
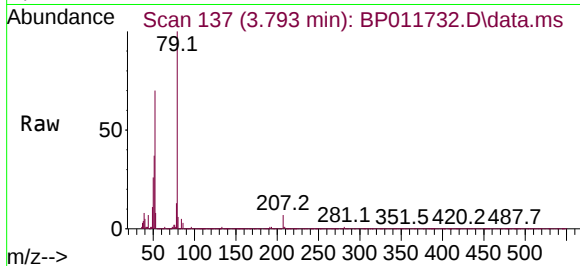




#3
 Pyridine
 Concen: 6.184 ng
 RT: 3.793 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BP011732.D
 Acq: 19 Sep 2022 12:42

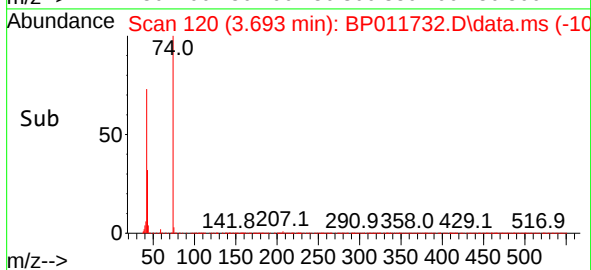
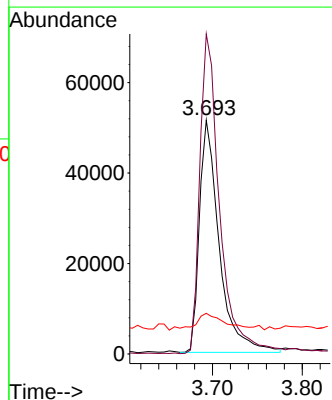
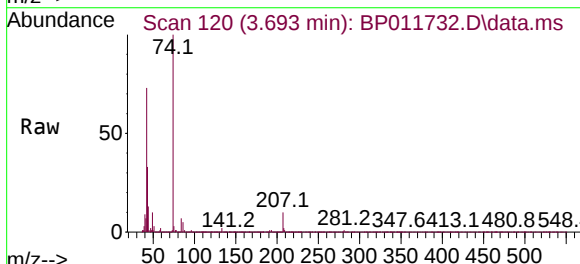
Instrument :
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 ClientSampleId :
 MDL-SOIL-03-QT3-2022

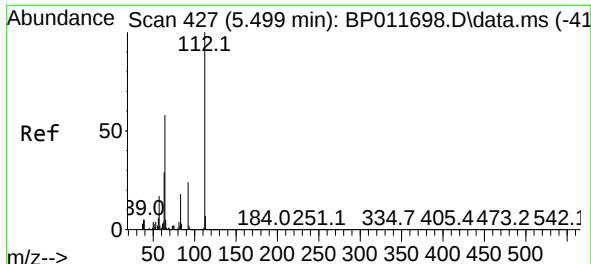
Tgt Ion: 79 Resp: 173578
 Ion Ratio Lower Upper
 79 100
 52 70.4 73.5 110.3#
 51 36.6 38.6 57.8#



#4
 n-Nitrosodimethylamine
 Concen: 7.318 ng
 RT: 3.693 min Scan# 120
 Delta R.T. 0.000 min
 Lab File: BP011732.D
 Acq: 19 Sep 2022 12:42

Tgt Ion: 42 Resp: 78753
 Ion Ratio Lower Upper
 42 100
 74 136.9 74.4 111.6#
 44 17.4 5.7 8.5#

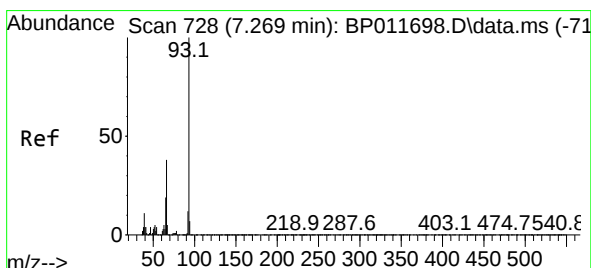
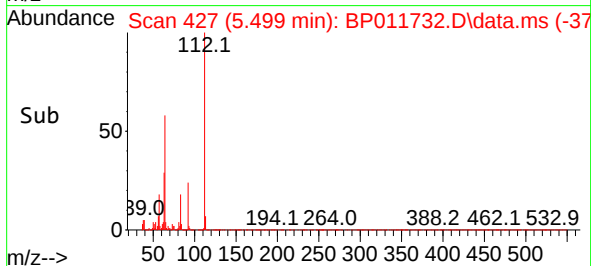
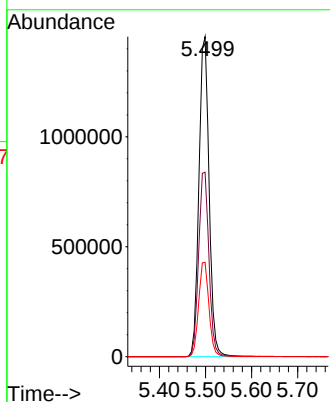
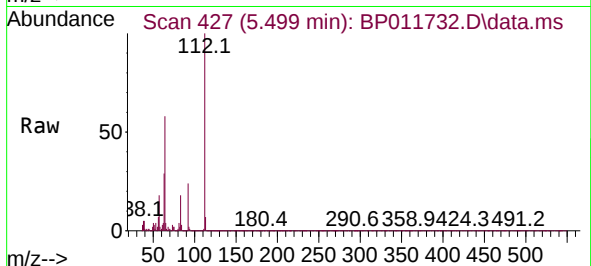




#5
2-Fluorophenol
Concen: 101.288 ng
RT: 5.499 min Scan# 41
Delta R.T. 0.000 min
Lab File: BP011732.D
Acq: 19 Sep 2022 12:42

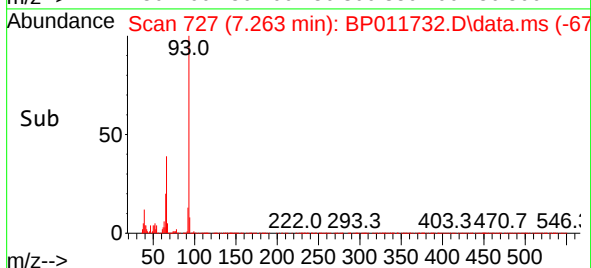
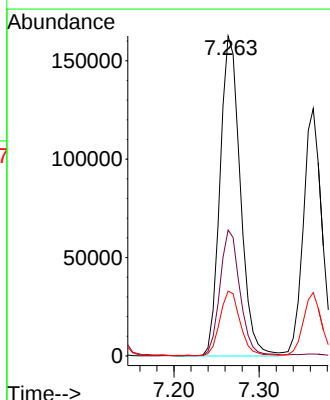
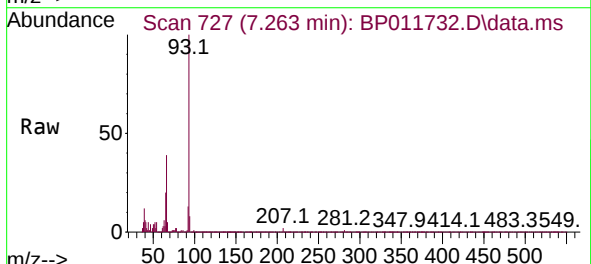
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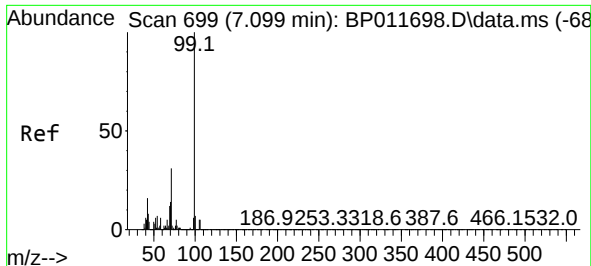
Tgt Ion:112 Resp: 2239394
Ion Ratio Lower Upper
112 100
64 57.6 56.9 85.3
63 29.5 31.2 46.8#



#6
Aniline
Concen: 7.410 ng
RT: 7.263 min Scan# 727
Delta R.T. -0.006 min
Lab File: BP011732.D
Acq: 19 Sep 2022 12:42

Tgt Ion: 93 Resp: 269022
Ion Ratio Lower Upper
93 100
66 39.4 36.7 55.1
65 20.2 18.2 27.4

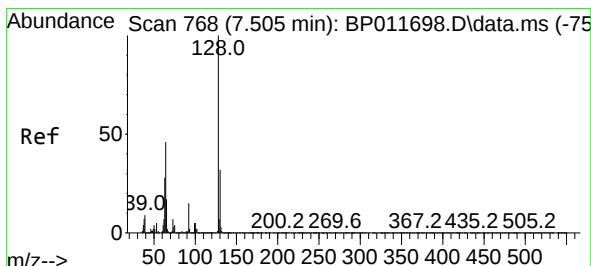
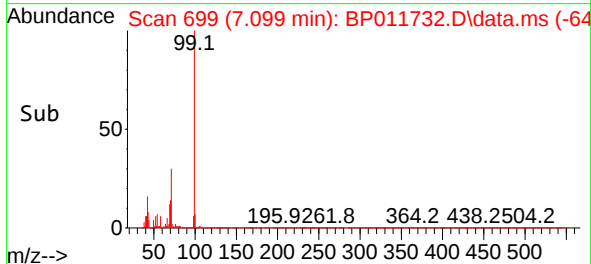
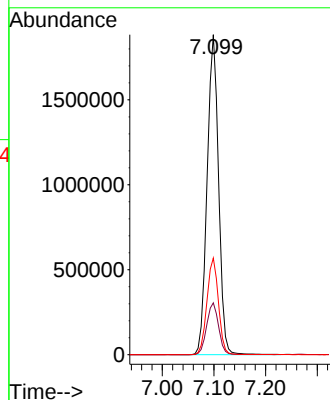
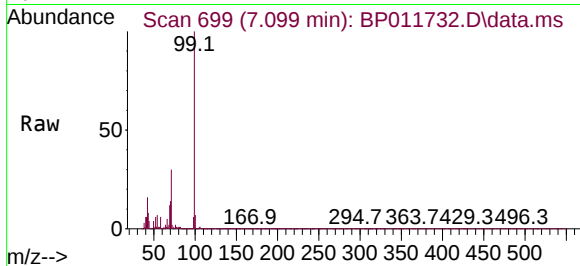




#7
Phenol-d6
Concen: 98.142 ng
RT: 7.099 min Scan# 699
Delta R.T. 0.000 min
Lab File: BP011732.D
Acq: 19 Sep 2022 12:42

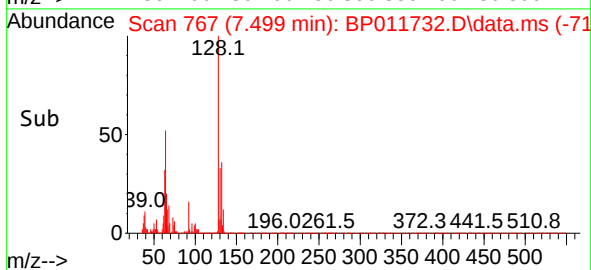
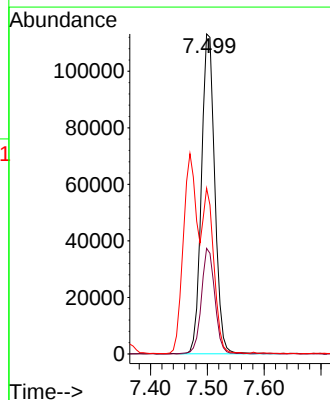
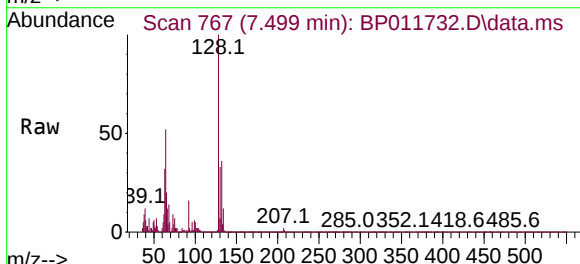
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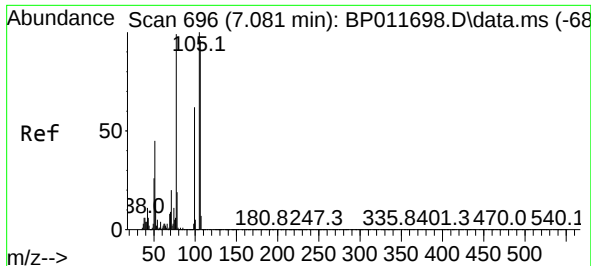
Tgt Ion: 99 Resp: 2892411
Ion Ratio Lower Upper
99 100
42 16.2 20.3 30.5#
71 30.2 33.9 50.9#



#8
2-Chlorophenol
Concen: 7.036 ng
RT: 7.499 min Scan# 767
Delta R.T. -0.006 min
Lab File: BP011732.D
Acq: 19 Sep 2022 12:42

Tgt Ion: 128 Resp: 184455
Ion Ratio Lower Upper
128 100
130 33.0 11.8 51.8
64 51.8 35.3 75.3





#9

Benzaldehyde

Concen: 8.707 ng

RT: 7.081 min Scan# 696

Delta R.T. 0.000 min

Lab File: BP011732.D

Acq: 19 Sep 2022 12:42

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-03-QT3-2022

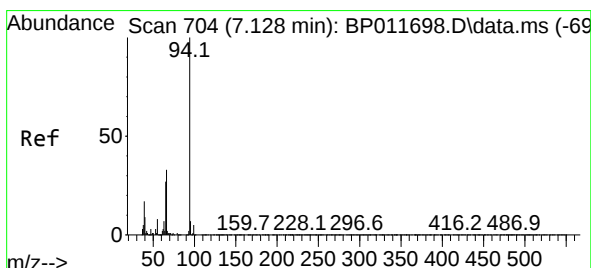
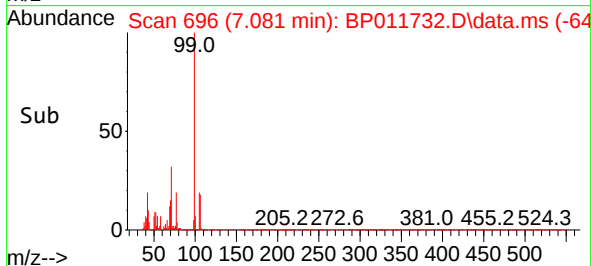
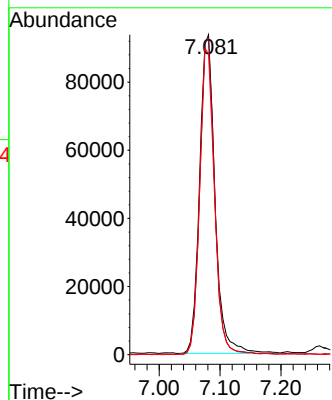
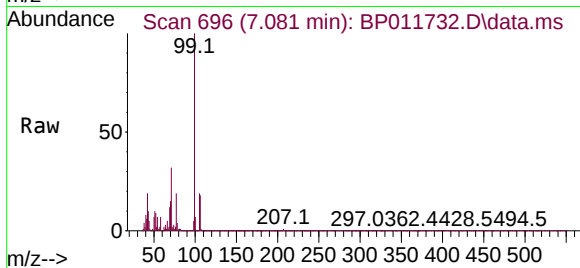
Tgt Ion: 77 Resp: 164260

Ion Ratio Lower Upper

77 100

105 98.9 71.4 111.4

106 94.1 66.9 106.9



#10

Phenol

Concen: 7.199 ng

RT: 7.122 min Scan# 703

Delta R.T. -0.006 min

Lab File: BP011732.D

Acq: 19 Sep 2022 12:42

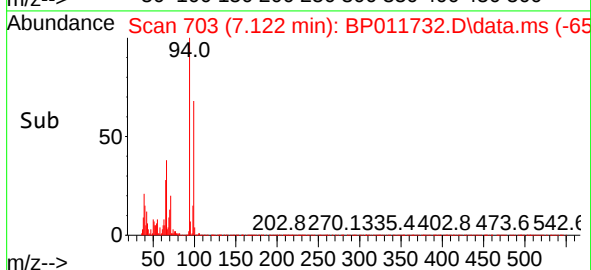
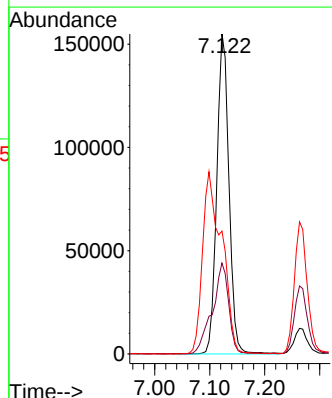
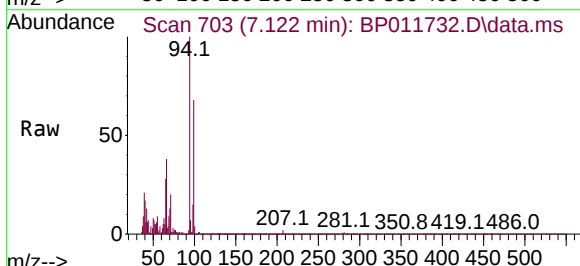
Tgt Ion: 94 Resp: 238651

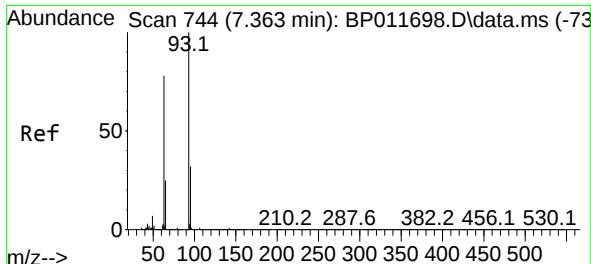
Ion Ratio Lower Upper

94 100

65 28.4 14.0 54.0

66 38.4 29.2 69.2

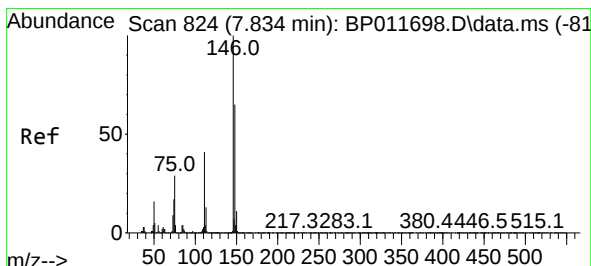
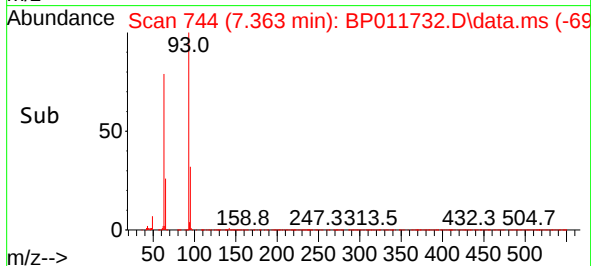
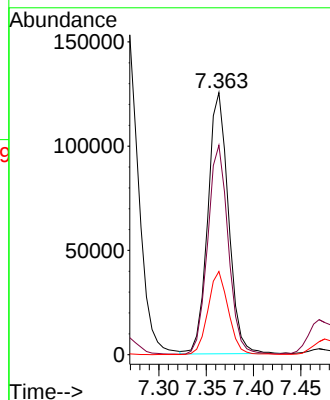
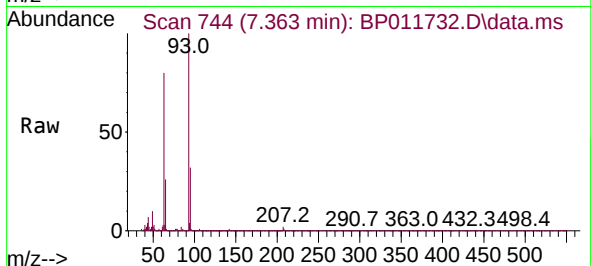




#11
bis(2-Chloroethyl)ether
Concen: 7.158 ng
RT: 7.363 min Scan# 744
Delta R.T. 0.000 min
Lab File: BP011732.D
Acq: 19 Sep 2022 12:42

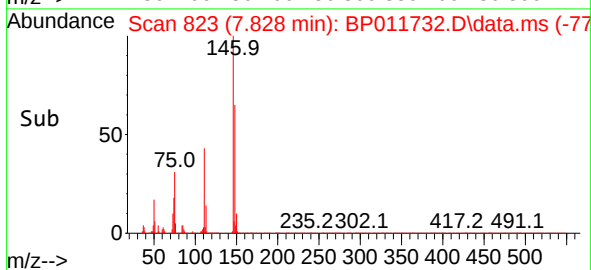
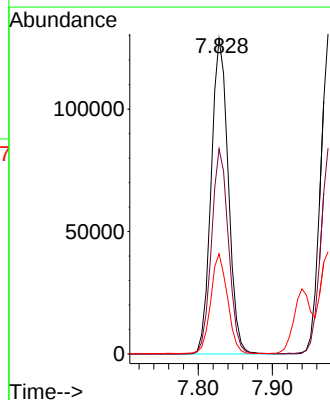
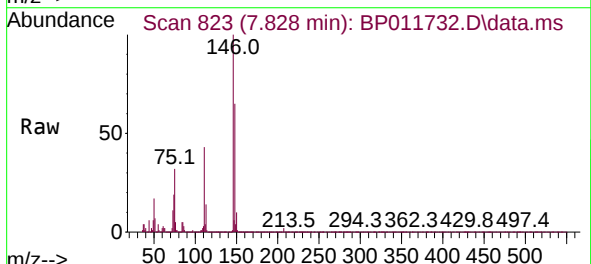
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT3-2022

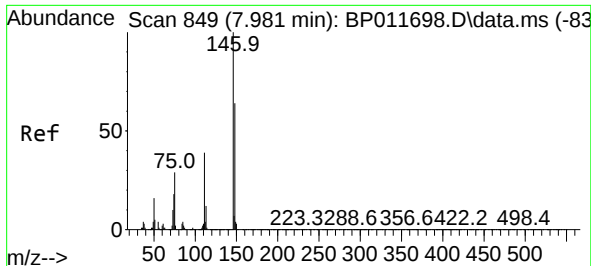
Tgt Ion: 93 Resp: 189028
Ion Ratio Lower Upper
93 100
63 79.9 68.2 108.2
95 31.7 12.2 52.2



#12
1,3-Dichlorobenzene
Concen: 7.083 ng
RT: 7.828 min Scan# 823
Delta R.T. -0.006 min
Lab File: BP011732.D
Acq: 19 Sep 2022 12:42

Tgt Ion:146 Resp: 205930
Ion Ratio Lower Upper
146 100
148 65.0 53.0 79.4
75 31.8 31.3 46.9





#13

1,4-Dichlorobenzene

Concen: 7.087 ng

RT: 7.975 min Scan# 84

Delta R.T. -0.006 min

Lab File: BP011732.D

Acq: 19 Sep 2022 12:42

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-03-QT3-2022

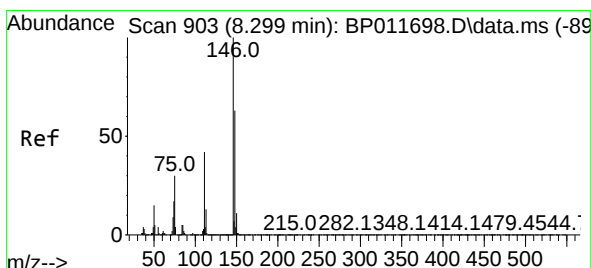
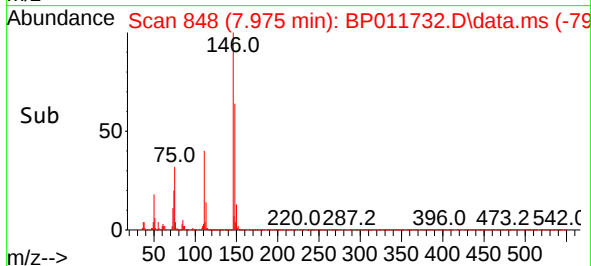
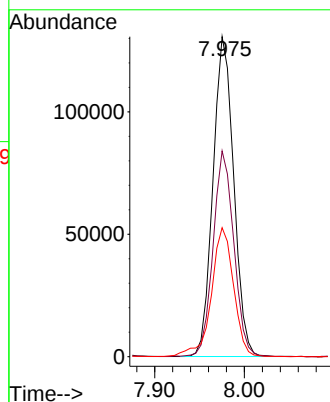
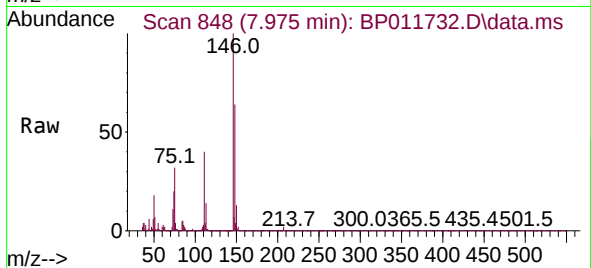
Tgt Ion:146 Resp: 209526

Ion Ratio Lower Upper

146 100

148 64.3 51.6 77.4

111 40.3 35.2 52.8



#14

1,2-Dichlorobenzene

Concen: 7.213 ng

RT: 8.293 min Scan# 902

Delta R.T. -0.006 min

Lab File: BP011732.D

Acq: 19 Sep 2022 12:42

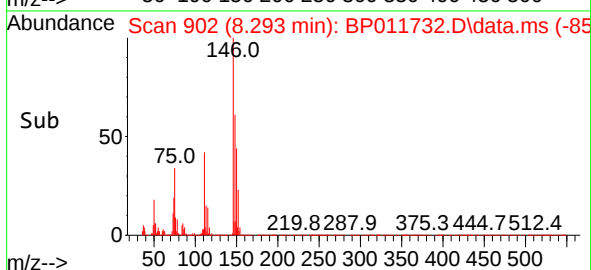
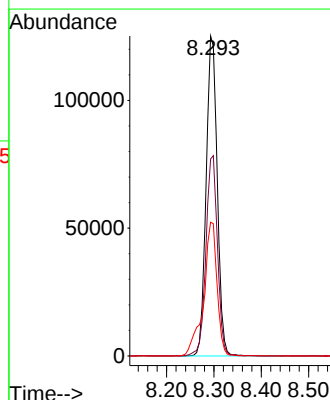
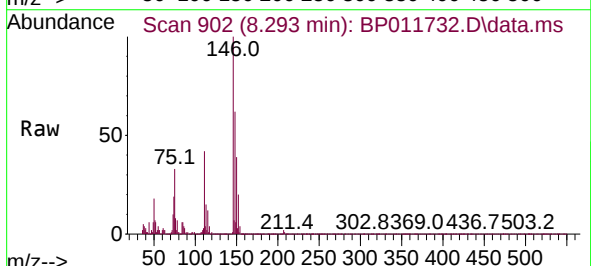
Tgt Ion:146 Resp: 203301

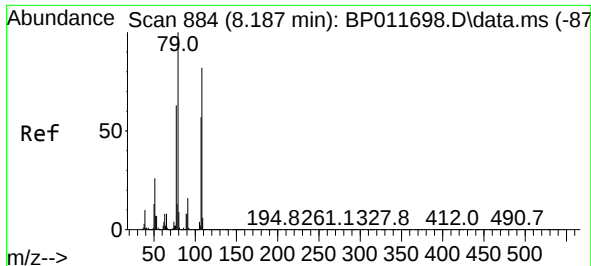
Ion Ratio Lower Upper

146 100

148 61.6 52.2 78.2

111 41.8 36.6 55.0

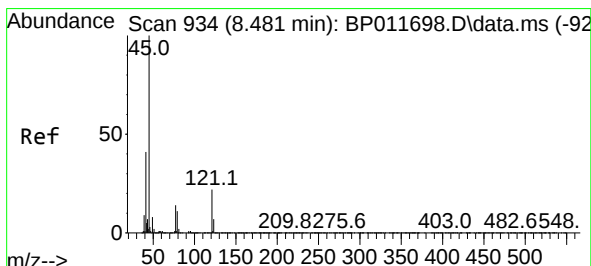
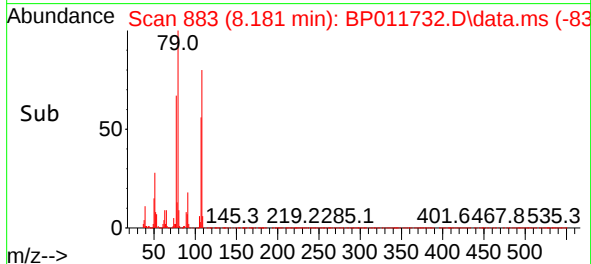
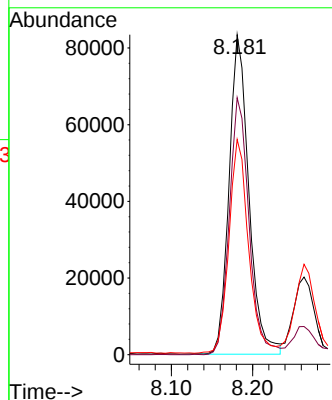
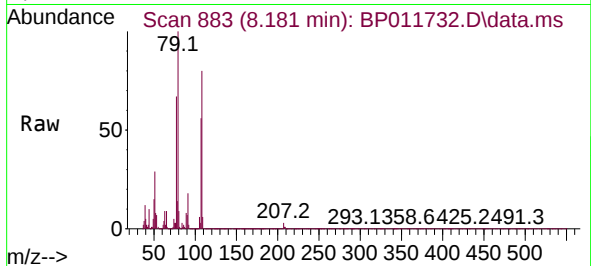




#15
Benzyl Alcohol
Concen: 6.708 ng
RT: 8.181 min Scan# 811
Delta R.T. -0.006 min
Lab File: BP011732.D
Acq: 19 Sep 2022 12:42

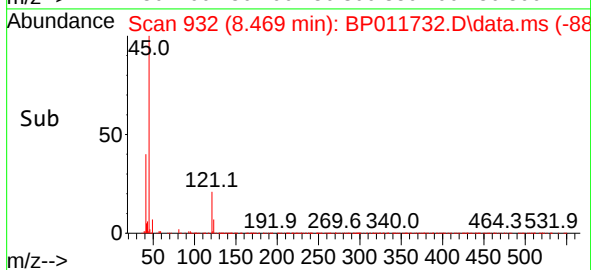
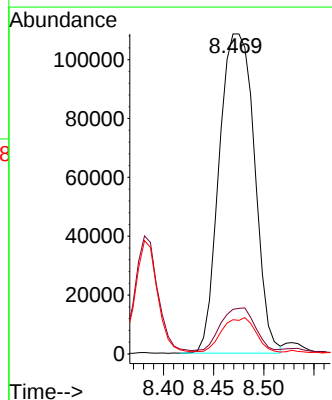
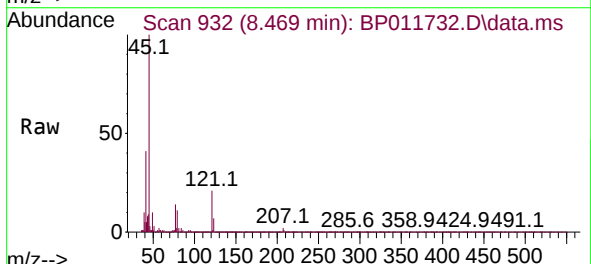
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT3-2022

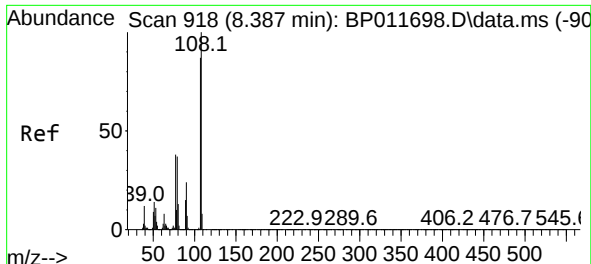
Tgt Ion: 79 Resp: 141138
Ion Ratio Lower Upper
79 100
108 80.3 53.4 80.0#
77 67.3 51.5 77.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 7.528 ng
RT: 8.469 min Scan# 932
Delta R.T. -0.012 min
Lab File: BP011732.D
Acq: 19 Sep 2022 12:42

Tgt Ion: 45 Resp: 265541
Ion Ratio Lower Upper
45 100
77 13.9 0.0 31.8
79 10.7 0.0 28.8





#17

2-Methylphenol

Concen: 6.597 ng

RT: 8.381 min Scan# 91

Delta R.T. -0.006 min

Lab File: BP011732.D

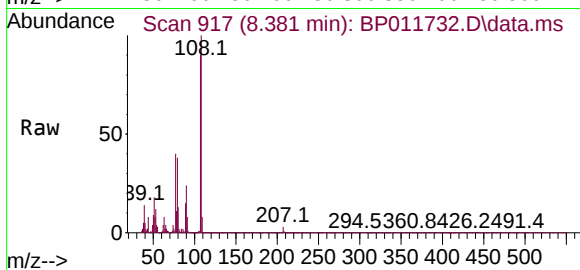
Acq: 19 Sep 2022 12:42

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-03-QT3-2022



Tgt Ion:107 Resp: 141992

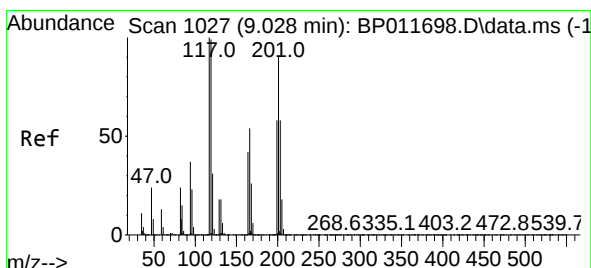
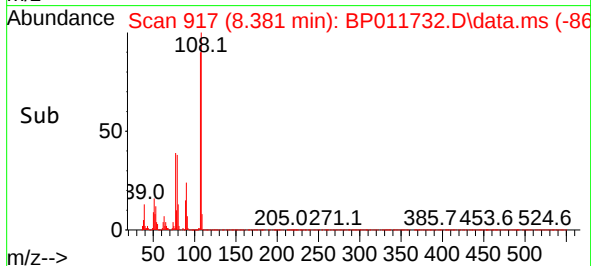
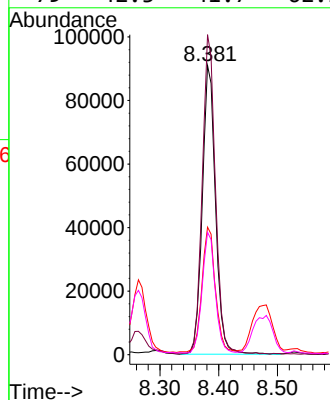
Ion Ratio Lower Upper

107 100

108 110.7 88.9 133.3

77 44.1 44.7 67.1#

79 42.3 41.7 62.5



#18

Hexachloroethane

Concen: 7.015 ng

RT: 9.028 min Scan# 1027

Delta R.T. 0.000 min

Lab File: BP011732.D

Acq: 19 Sep 2022 12:42

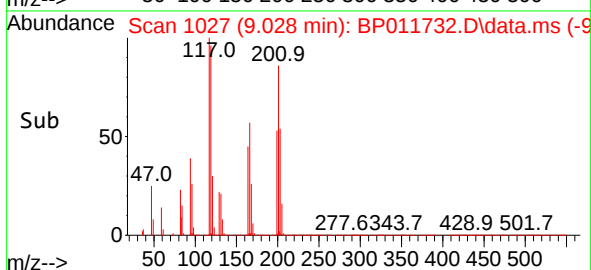
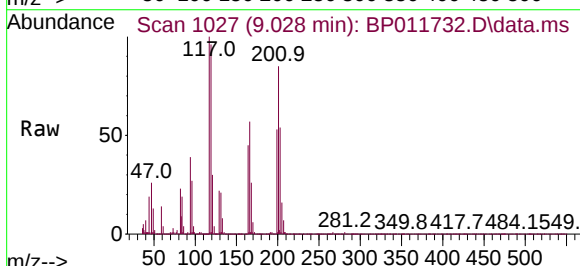
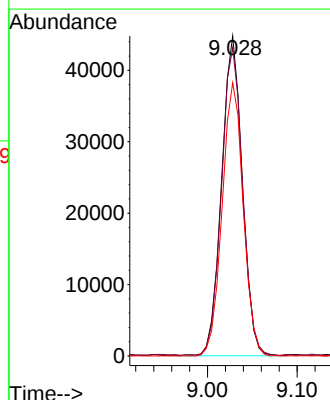
Tgt Ion:117 Resp: 71741

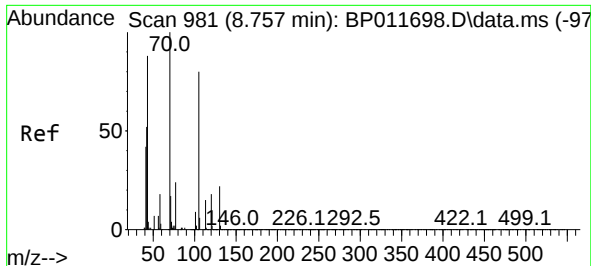
Ion Ratio Lower Upper

117 100

119 96.3 75.6 113.4

201 85.4 80.9 121.3

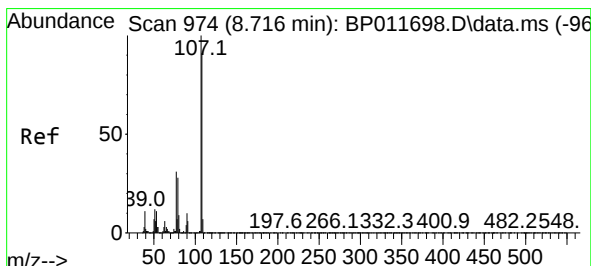
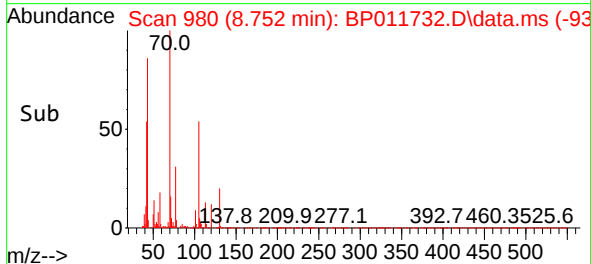
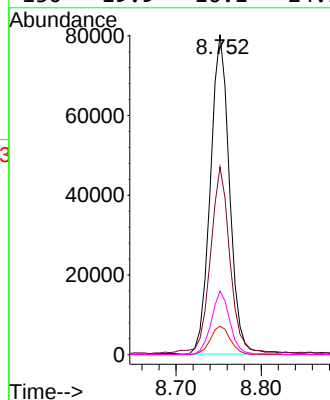
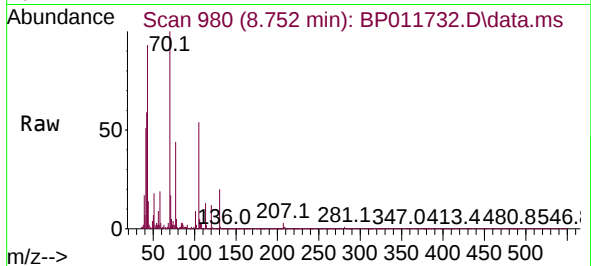




#19
n-Nitroso-di-n-propylamine
Concen: 6.532 ng
RT: 8.752 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP011732.D
Acq: 19 Sep 2022 12:42

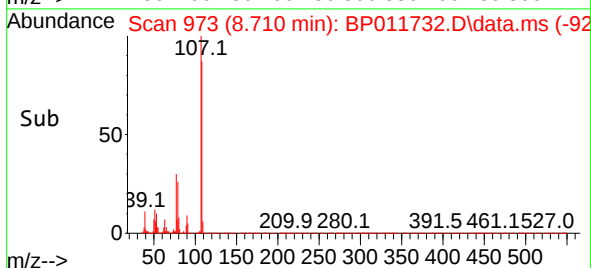
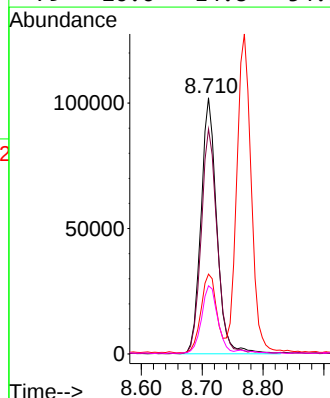
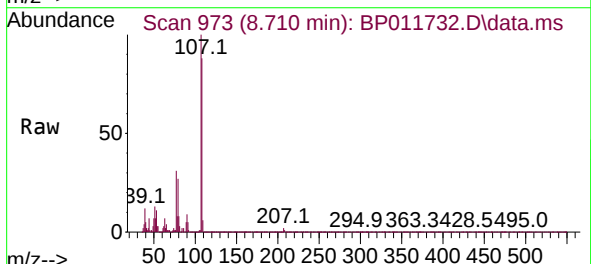
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT3-2022

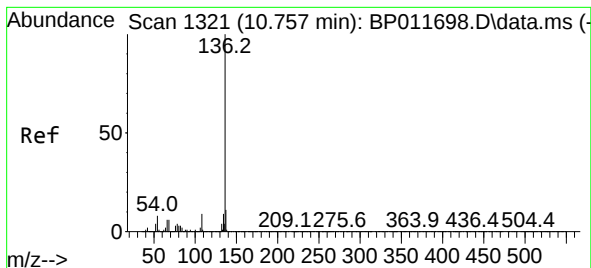
Tgt Ion:	70	Resp:	124637
Ion	Ratio	Lower	Upper
70	100		
42	58.6	58.1	87.1
101	8.9	8.4	12.6
130	19.9	16.1	24.1



#20
3+4-Methylphenols
Concen: 6.246 ng
RT: 8.710 min Scan# 973
Delta R.T. -0.006 min
Lab File: BP011732.D
Acq: 19 Sep 2022 12:42

Tgt Ion:	107	Resp:	184618
Ion	Ratio	Lower	Upper
107	100		
108	87.8	67.1	107.1
77	31.2	19.2	59.2
79	26.6	14.8	54.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.751 min Scan# 11

Delta R.T. -0.006 min

Lab File: BP011732.D

Acq: 19 Sep 2022 12:42

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-03-QT3-2022

Tgt Ion:136 Resp: 1595062

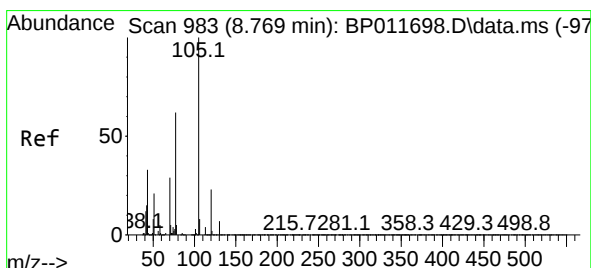
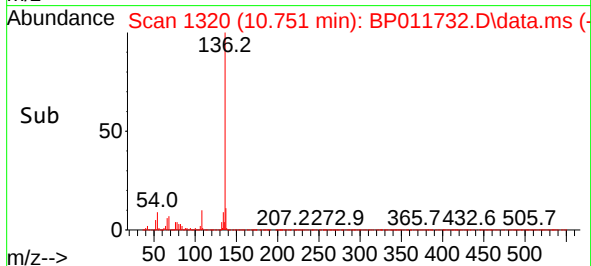
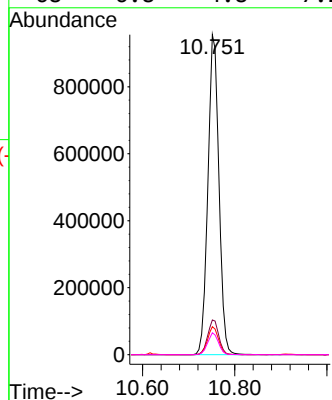
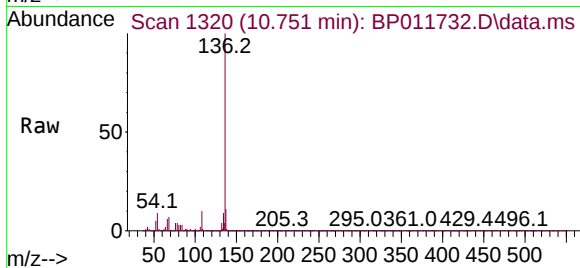
Ion Ratio Lower Upper

136 100

137 10.9 9.0 13.4

54 8.7 8.7 13.1

68 6.8 4.8 7.2



#22

Acetophenone

Concen: 7.244 ng

RT: 8.769 min Scan# 983

Delta R.T. 0.000 min

Lab File: BP011732.D

Acq: 19 Sep 2022 12:42

Tgt Ion:105 Resp: 270860

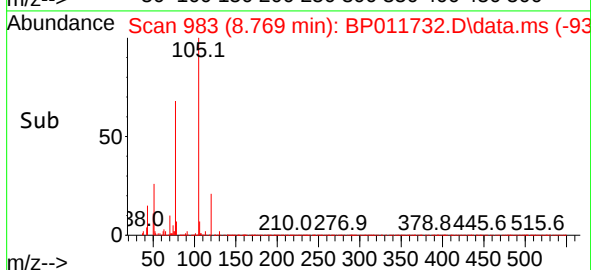
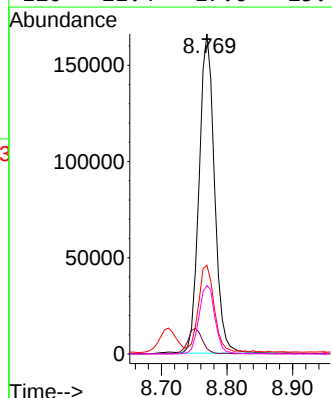
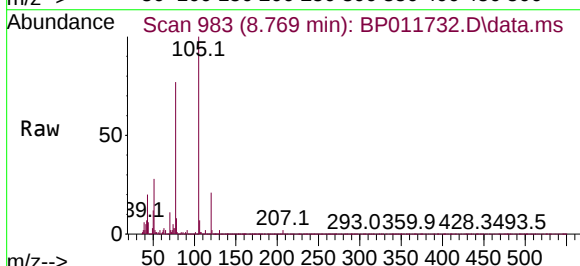
Ion Ratio Lower Upper

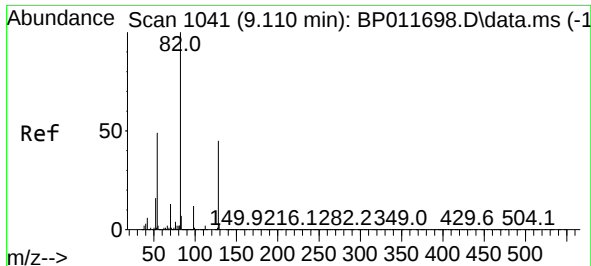
105 100

71 1.7 3.4 5.0#

51 27.7 29.5 44.3#

120 21.4 17.0 25.4

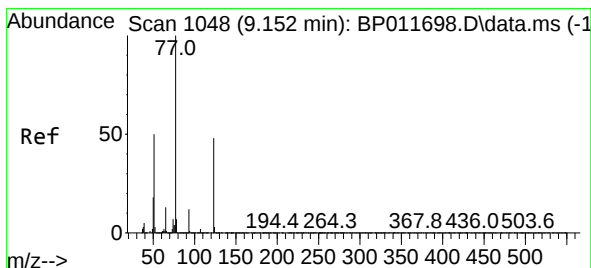
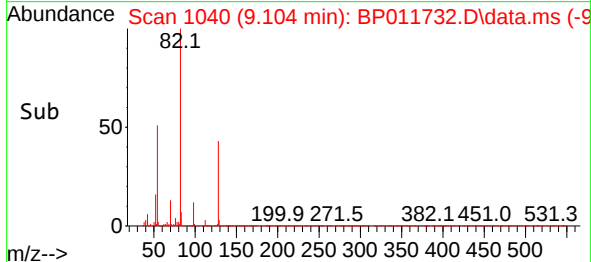
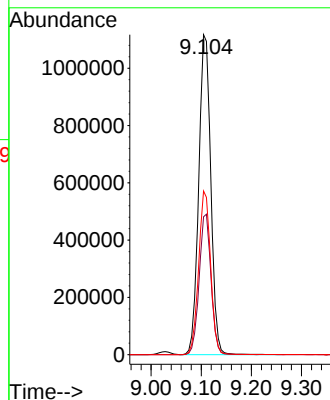
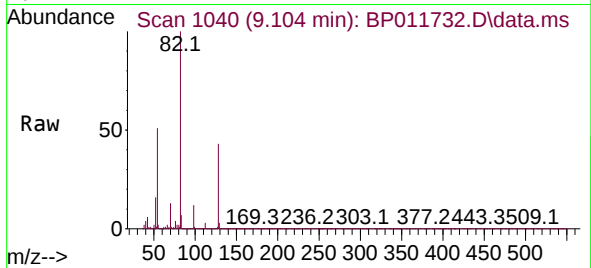




#23
Nitrobenzene-d5
Concen: 69.208 ng
RT: 9.104 min Scan# 1040
Delta R.T. -0.006 min
Lab File: BP011732.D
Acq: 19 Sep 2022 12:42

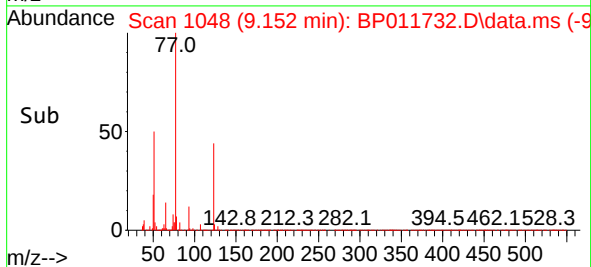
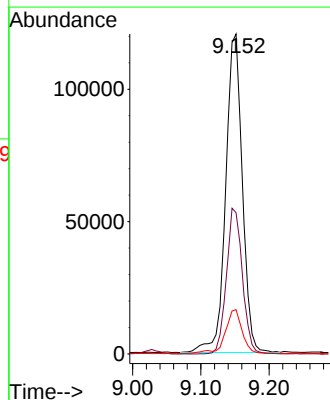
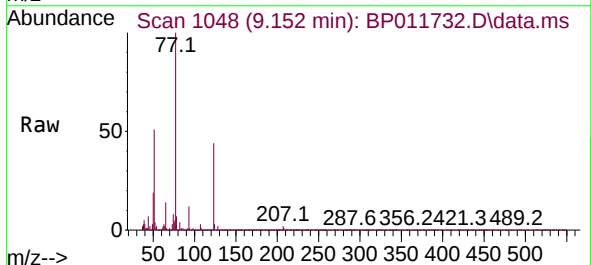
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT3-2022

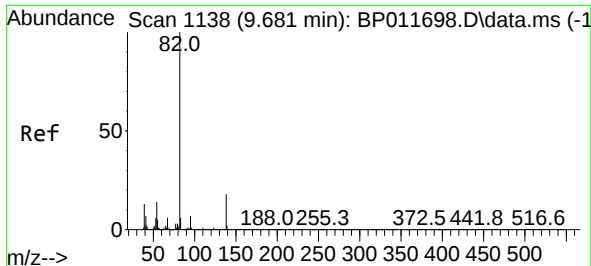
Tgt Ion: 82 Resp: 1861335
Ion Ratio Lower Upper
82 100
128 43.1 31.3 46.9
54 51.2 49.8 74.8



#24
Nitrobenzene
Concen: 7.321 ng
RT: 9.152 min Scan# 1048
Delta R.T. 0.000 min
Lab File: BP011732.D
Acq: 19 Sep 2022 12:42

Tgt Ion: 77 Resp: 204857
Ion Ratio Lower Upper
77 100
123 44.1 31.1 46.7
65 13.8 12.1 18.1

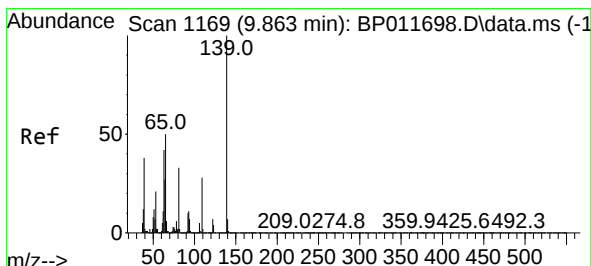
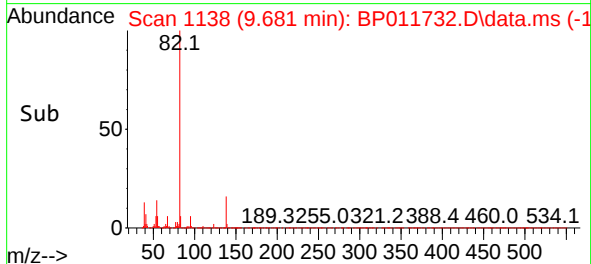
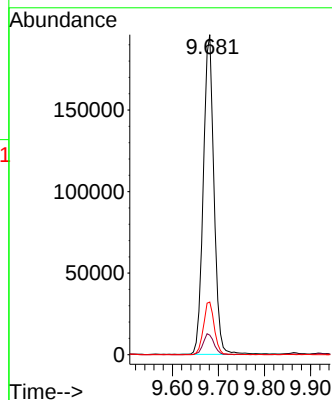
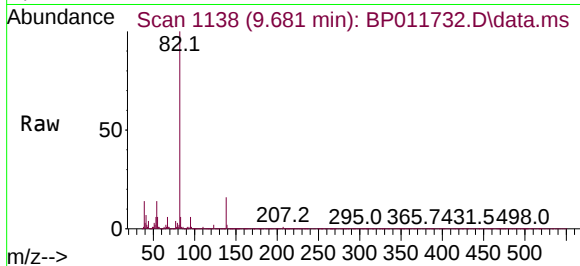




#25
Isophorone
Concen: 6.679 ng
RT: 9.681 min Scan# 1138
Delta R.T. 0.000 min
Lab File: BP011732.D
Acq: 19 Sep 2022 12:42

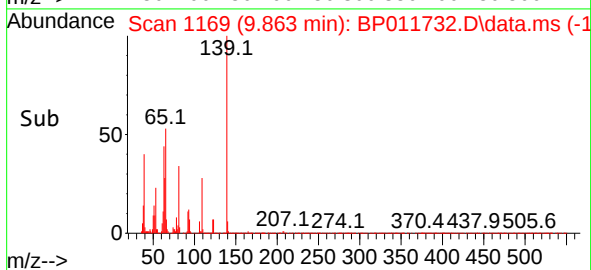
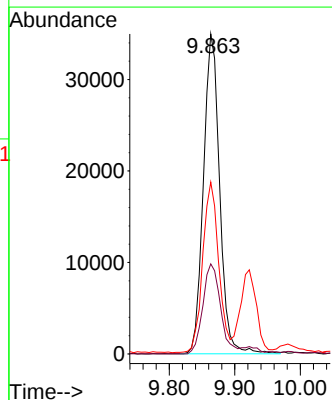
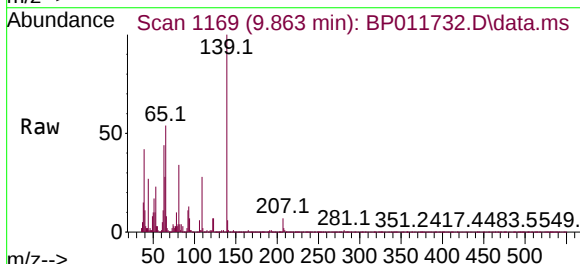
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT3-2022

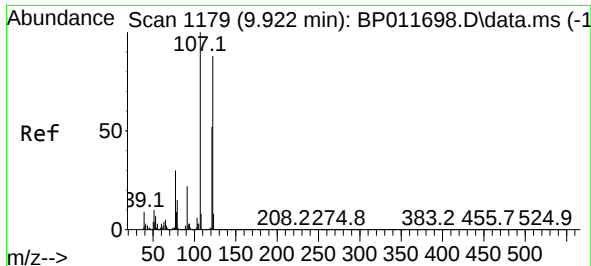
Tgt Ion: 82 Resp: 317779
Ion Ratio Lower Upper
82 100
95 6.1 6.5 9.7#
138 16.4 12.4 18.6



#26
2-Nitrophenol
Concen: 5.264 ng
RT: 9.863 min Scan# 1169
Delta R.T. 0.000 min
Lab File: BP011732.D
Acq: 19 Sep 2022 12:42

Tgt Ion: 139 Resp: 60426
Ion Ratio Lower Upper
139 100
109 28.2 30.2 45.4#
65 53.7 52.2 78.2

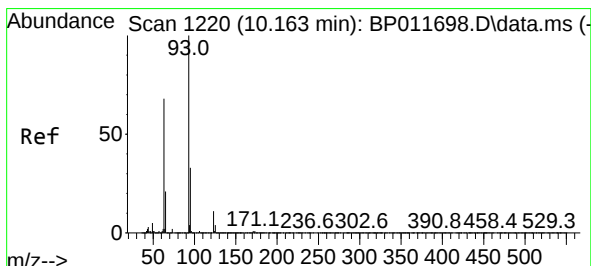
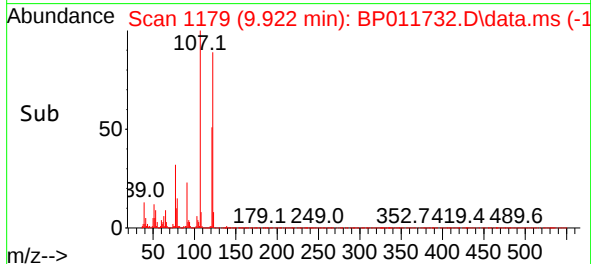
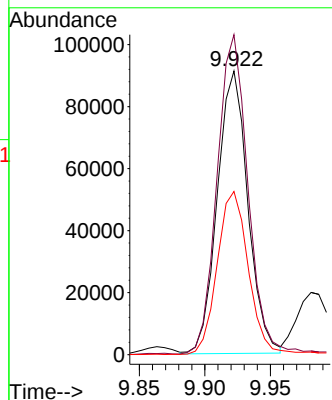
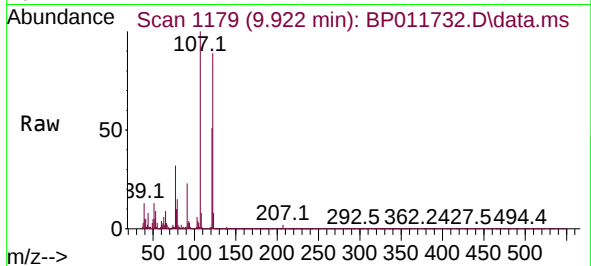




#27
2,4-Dimethylphenol
Concen: 7.422 ng
RT: 9.922 min Scan# 1179
Delta R.T. 0.000 min
Lab File: BP011732.D
Acq: 19 Sep 2022 12:42

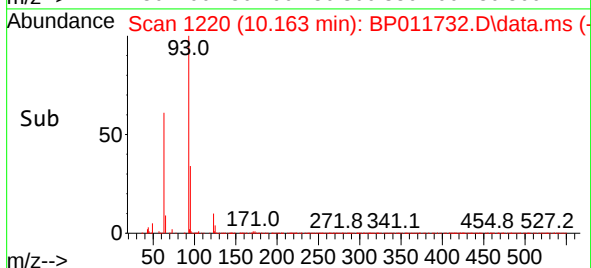
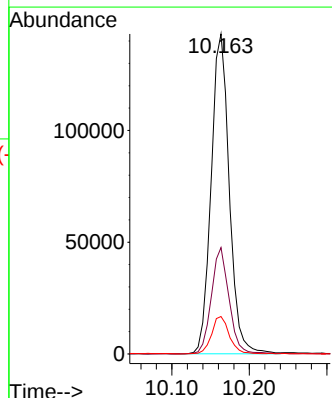
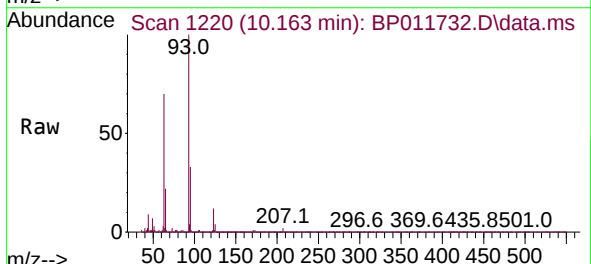
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT3-2022

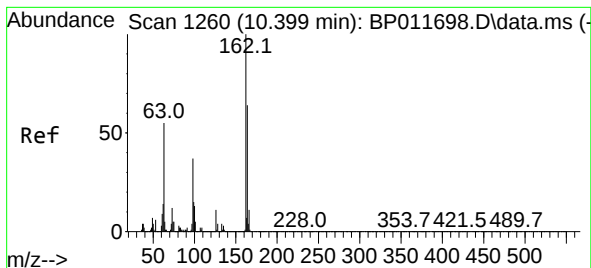
Tgt Ion:122 Resp: 147629
Ion Ratio Lower Upper
122 100
107 112.8 103.5 155.3
121 57.5 47.5 71.3



#28
bis(2-Chloroethoxy)methane
Concen: 7.653 ng
RT: 10.163 min Scan# 1220
Delta R.T. 0.000 min
Lab File: BP011732.D
Acq: 19 Sep 2022 12:42

Tgt Ion: 93 Resp: 232831
Ion Ratio Lower Upper
93 100
95 33.2 25.0 37.6
123 11.7 9.0 13.6





#29

2,4-Dichlorophenol

Concen: 6.125 ng

RT: 10.399 min Scan# 1260

Delta R.T. 0.000 min

Lab File: BP011732.D

Acq: 19 Sep 2022 12:42

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-03-QT3-2022

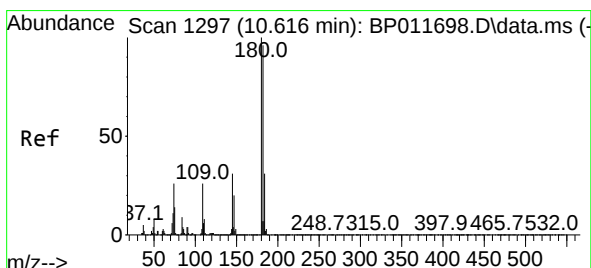
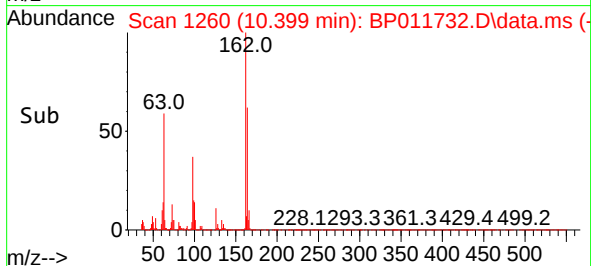
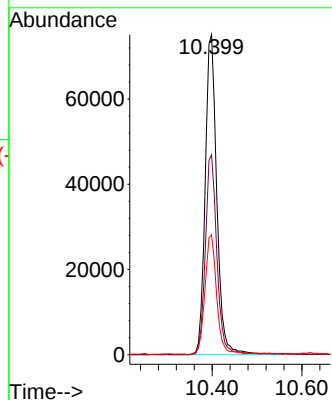
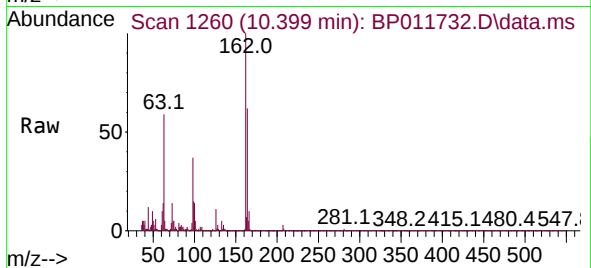
Tgt Ion:162 Resp: 134953

Ion Ratio Lower Upper

162 100

164 62.5 43.0 83.0

98 37.5 20.4 60.4



#30

1,2,4-Trichlorobenzene

Concen: 6.811 ng

RT: 10.616 min Scan# 1297

Delta R.T. 0.000 min

Lab File: BP011732.D

Acq: 19 Sep 2022 12:42

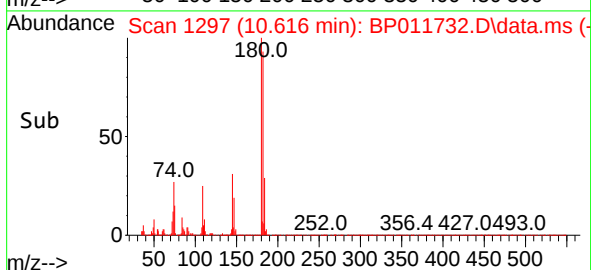
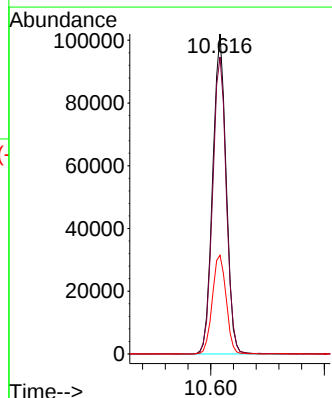
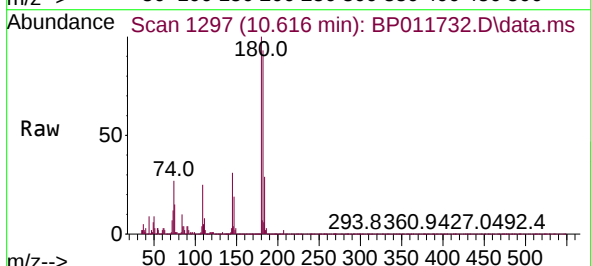
Tgt Ion:180 Resp: 166149

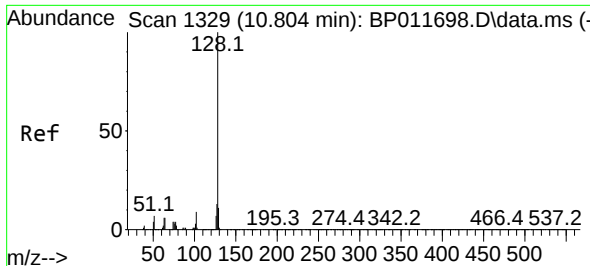
Ion Ratio Lower Upper

180 100

182 92.8 78.0 117.0

145 30.8 24.6 36.8

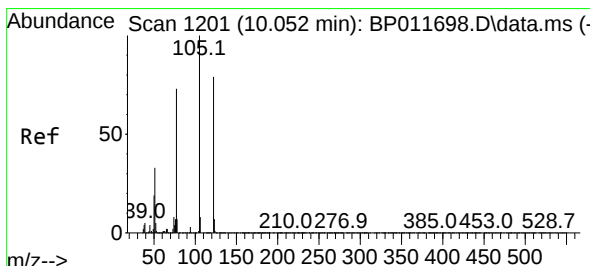
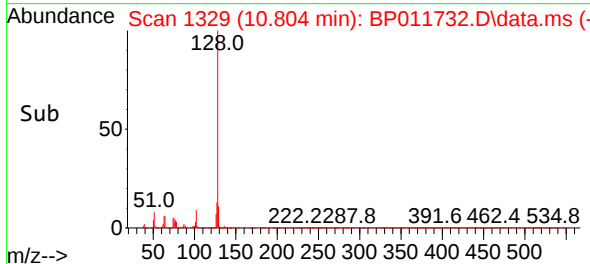
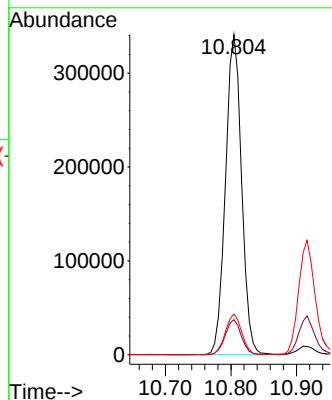
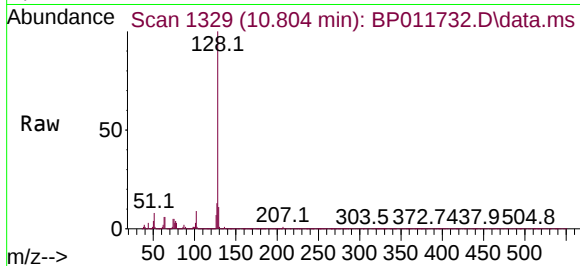




#31
Naphthalene
Concen: 6.988 ng
RT: 10.804 min Scan# 1189
Delta R.T. 0.000 min
Lab File: BP011732.D
Acq: 19 Sep 2022 12:42

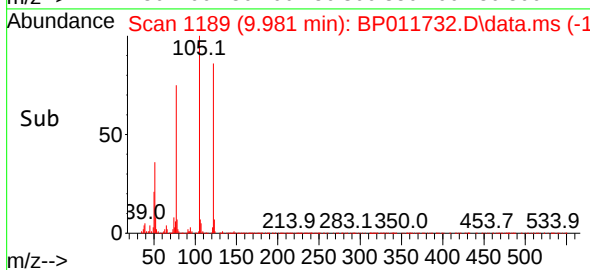
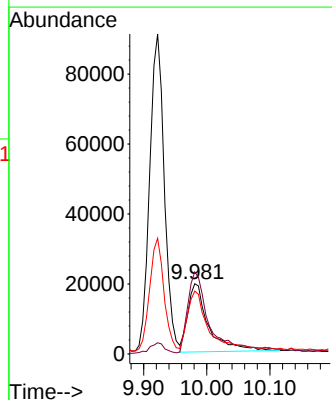
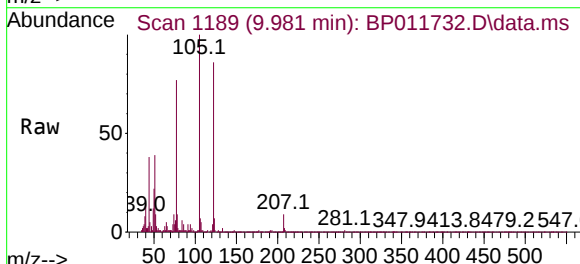
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT3-2022

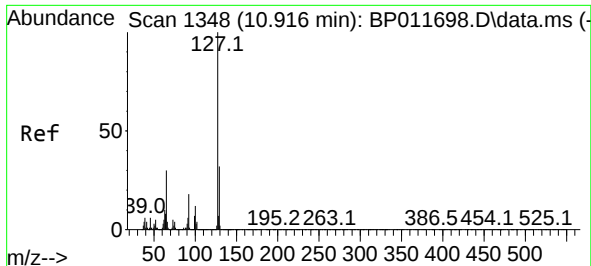
Tgt Ion:128 Resp: 578456
Ion Ratio Lower Upper
128 100
129 10.9 8.6 12.8
127 12.7 10.3 15.5



#32
Benzoic acid
Concen: 3.006 ng
RT: 9.981 min Scan# 1189
Delta R.T. -0.071 min
Lab File: BP011732.D
Acq: 19 Sep 2022 12:42

Tgt Ion:122 Resp: 44750
Ion Ratio Lower Upper
122 100
105 116.8 112.6 152.6
77 89.6 90.2 130.2#

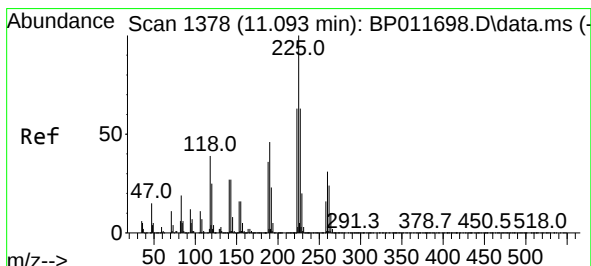
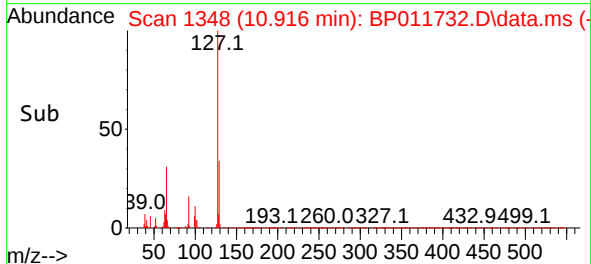
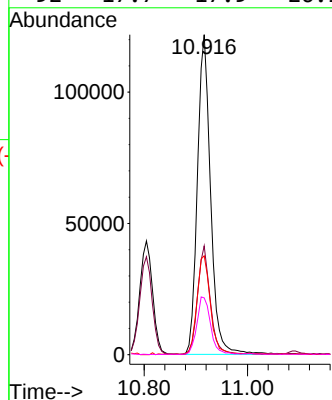
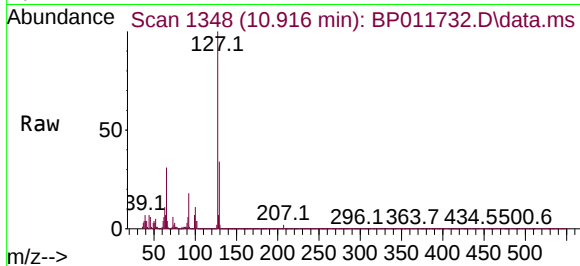




#33
4-Chloroaniline
Concen: 6.652 ng
RT: 10.916 min Scan# 1348
Delta R.T. 0.000 min
Lab File: BP011732.D
Acq: 19 Sep 2022 12:42

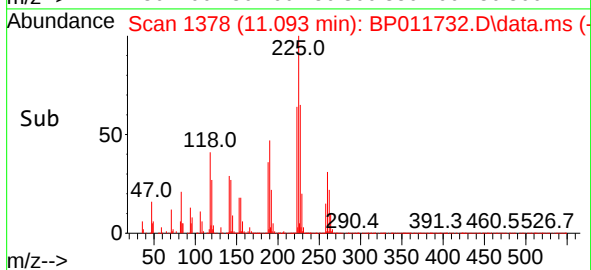
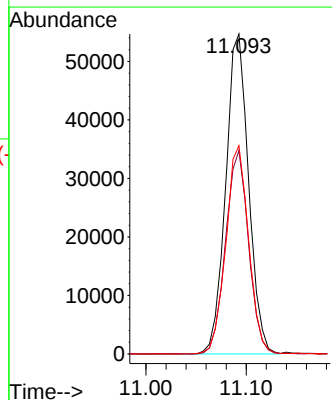
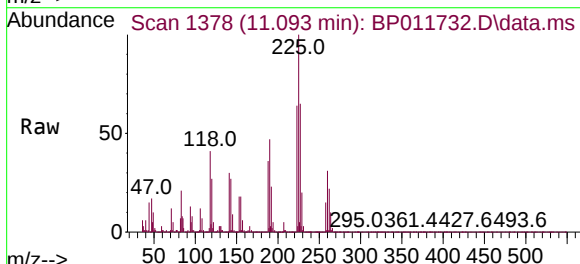
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT3-2022

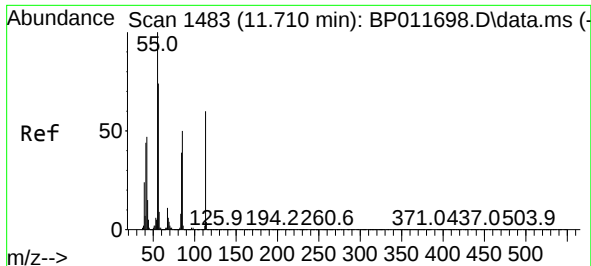
Tgt Ion:	127	Resp:	216016
Ion	Ratio	Lower	Upper
127	100		
129	34.0	25.4	38.2
65	30.9	30.4	45.6
92	17.7	17.9	26.9



#34
Hexachlorobutadiene
Concen: 6.439 ng
RT: 11.093 min Scan# 1378
Delta R.T. 0.000 min
Lab File: BP011732.D
Acq: 19 Sep 2022 12:42

Tgt Ion:	225	Resp:	86528
Ion	Ratio	Lower	Upper
225	100		
223	63.5	52.2	78.4
227	65.1	50.8	76.2

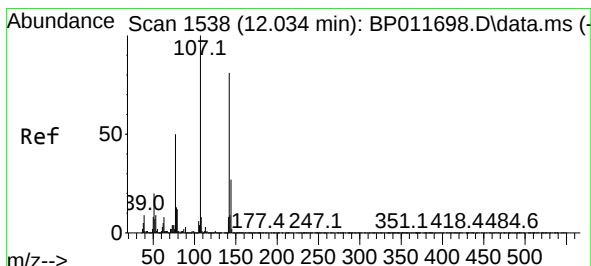
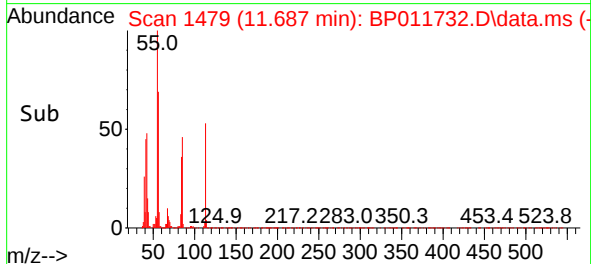
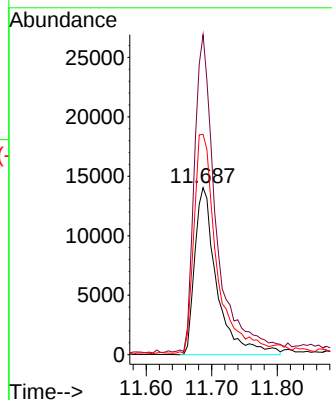
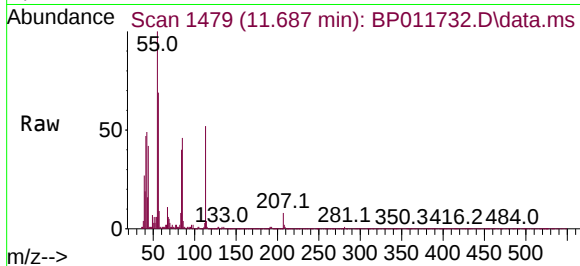




#35
Caprolactam
Concen: 4.609 ng
RT: 11.687 min Scan# 1483
Delta R.T. -0.024 min
Lab File: BP011732.D
Acq: 19 Sep 2022 12:42

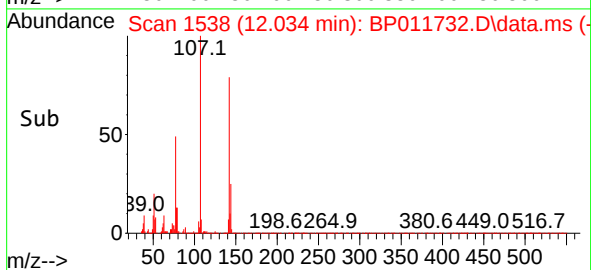
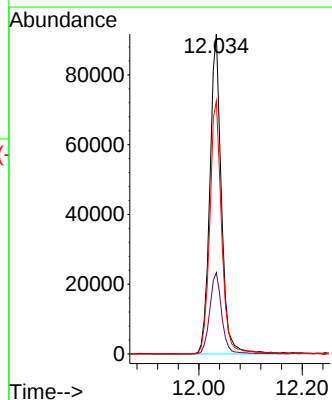
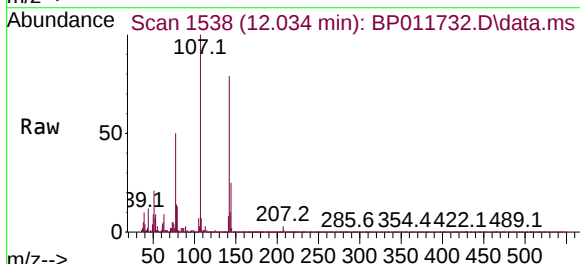
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT3-2022

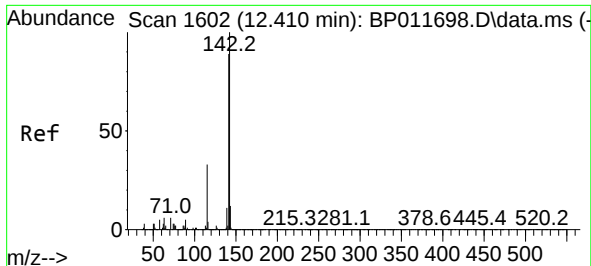
Tgt Ion:113 Resp: 32910
Ion Ratio Lower Upper
113 100
55 191.5 198.6 238.6#
56 131.9 142.7 182.7#



#36
4-Chloro-3-methylphenol
Concen: 5.986 ng
RT: 12.034 min Scan# 1538
Delta R.T. 0.000 min
Lab File: BP011732.D
Acq: 19 Sep 2022 12:42

Tgt Ion:107 Resp: 141850
Ion Ratio Lower Upper
107 100
144 25.4 19.8 29.6
142 79.0 59.0 88.4

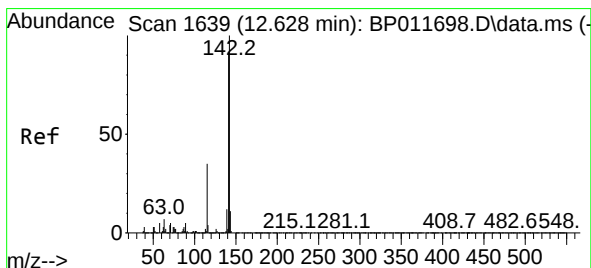
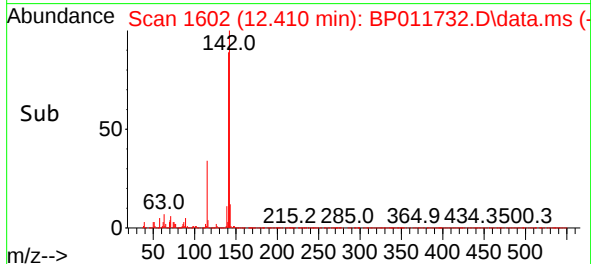
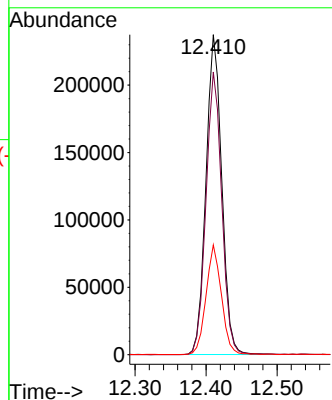
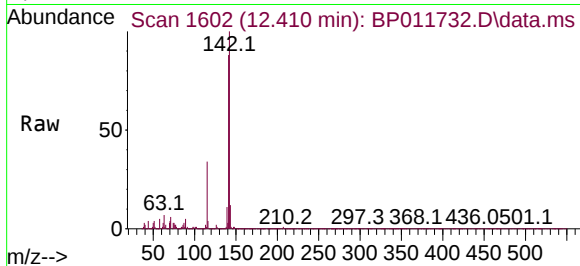




#37
2-Methylnaphthalene
Concen: 6.643 ng
RT: 12.410 min Scan# 1602
Delta R.T. 0.000 min
Lab File: BP011732.D
Acq: 19 Sep 2022 12:42

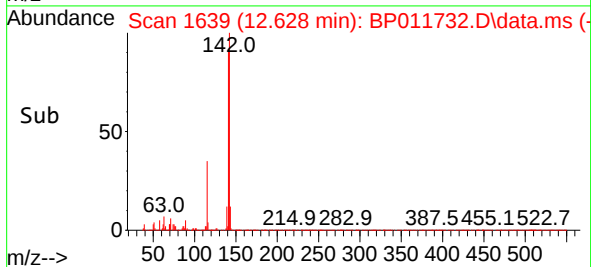
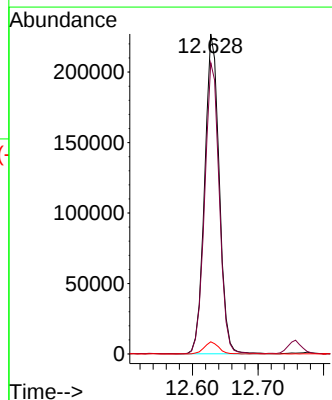
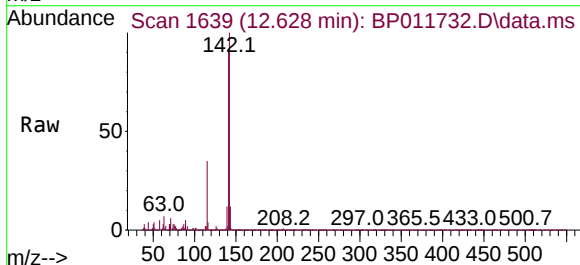
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT3-2022

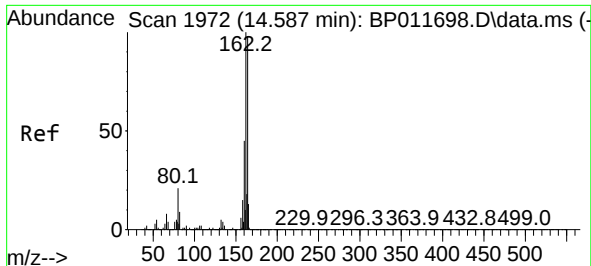
Tgt Ion:142 Resp: 367977
Ion Ratio Lower Upper
142 100
141 88.4 71.3 106.9
115 34.3 31.4 47.2



#38
1-Methylnaphthalene
Concen: 6.475 ng
RT: 12.628 min Scan# 1639
Delta R.T. 0.000 min
Lab File: BP011732.D
Acq: 19 Sep 2022 12:42

Tgt Ion:142 Resp: 350664
Ion Ratio Lower Upper
142 100
141 91.0 72.6 108.8
116 3.8 3.3 4.9

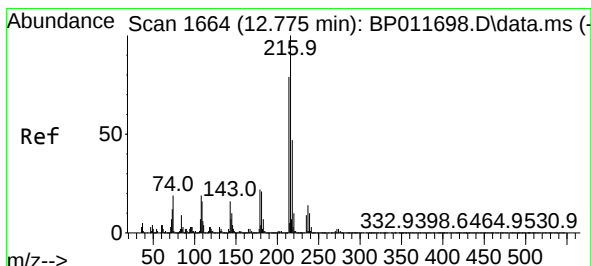
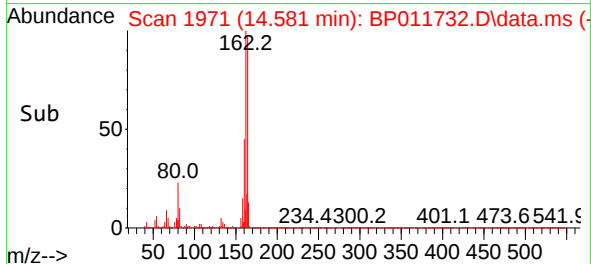
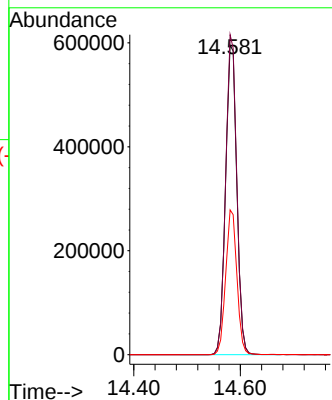
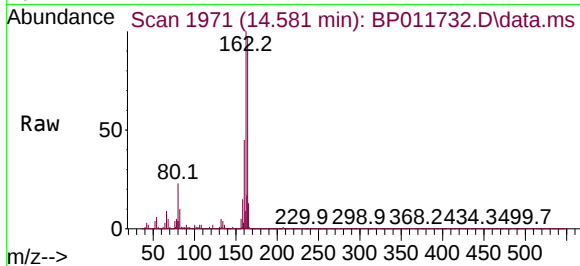




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.581 min Scan# 1972
Delta R.T. -0.006 min
Lab File: BP011732.D
Acq: 19 Sep 2022 12:42

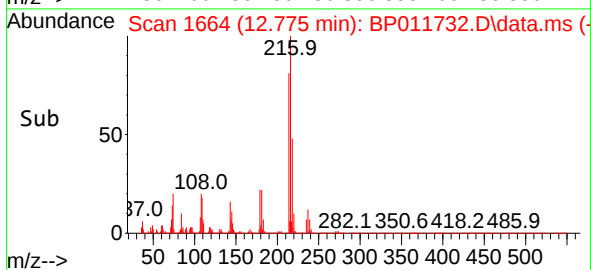
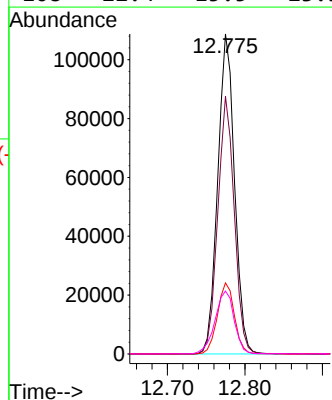
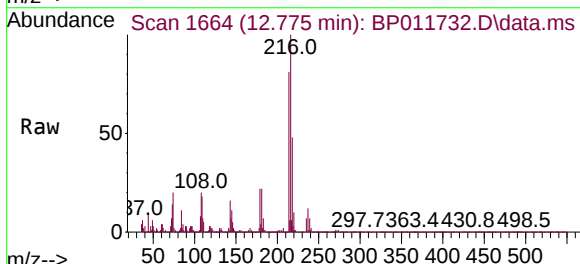
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT3-2022

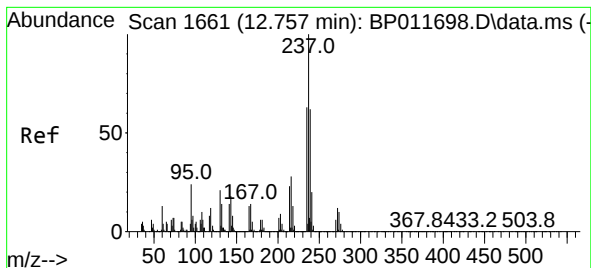
Tgt Ion:164 Resp: 873183
Ion Ratio Lower Upper
164 100
162 103.4 81.9 122.9
160 46.8 34.6 51.8



#40
1,2,4,5-Tetrachlorobenzene
Concen: 7.104 ng
RT: 12.775 min Scan# 1664
Delta R.T. 0.000 min
Lab File: BP011732.D
Acq: 19 Sep 2022 12:42

Tgt Ion:216 Resp: 163724
Ion Ratio Lower Upper
216 100
214 79.0 61.9 92.9
179 22.4 17.0 25.6
108 22.4 15.5 23.3





#41

Hexachlorocyclopentadiene

Concen: 7.583 ng

RT: 12.757 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP011732.D

Acq: 19 Sep 2022 12:42

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-03-QT3-2022

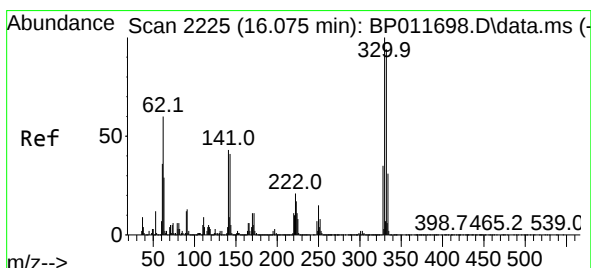
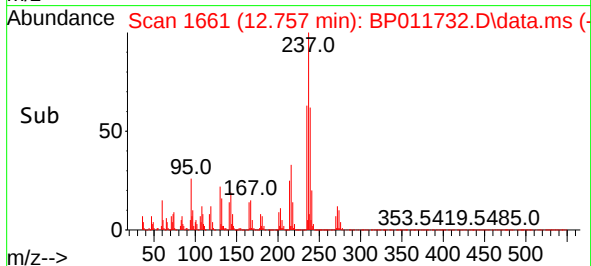
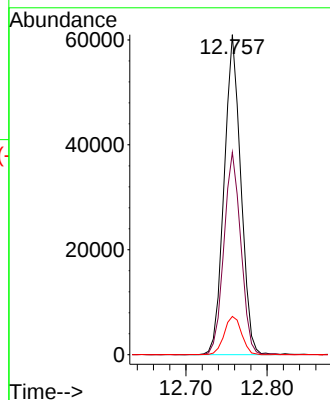
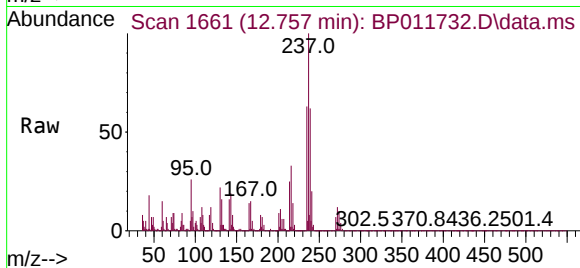
Tgt Ion:237 Resp: 87223

Ion Ratio Lower Upper

237 100

235 63.3 43.3 83.3

272 11.9 0.0 33.0



#42

2,4,6-Tribromophenol

Concen: 90.380 ng

RT: 16.075 min Scan# 2225

Delta R.T. 0.000 min

Lab File: BP011732.D

Acq: 19 Sep 2022 12:42

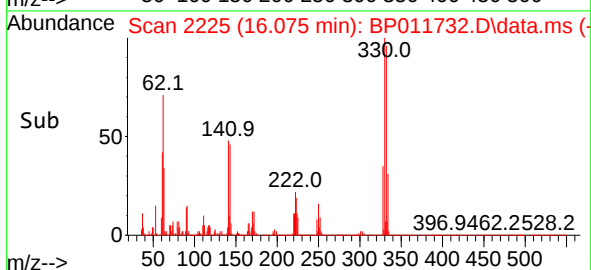
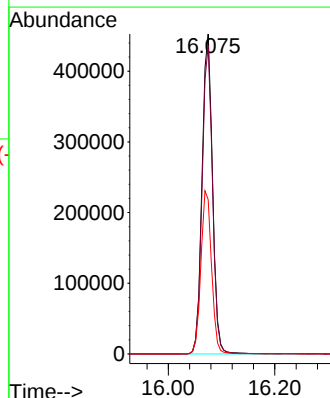
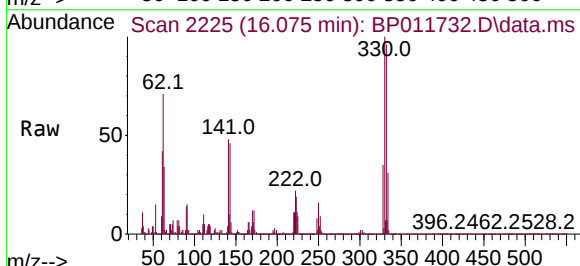
Tgt Ion:330 Resp: 616617

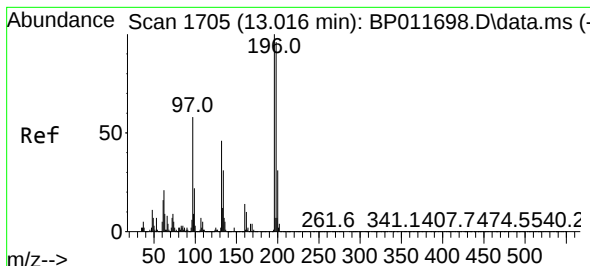
Ion Ratio Lower Upper

330 100

332 95.7 78.1 117.1

141 51.8 31.4 47.2#





#43

2,4,6-Trichlorophenol

Concen: 5.644 ng

RT: 13.016 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP011732.D

Acq: 19 Sep 2022 12:42

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-03-QT3-2022

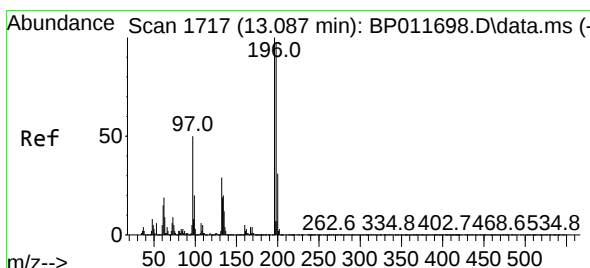
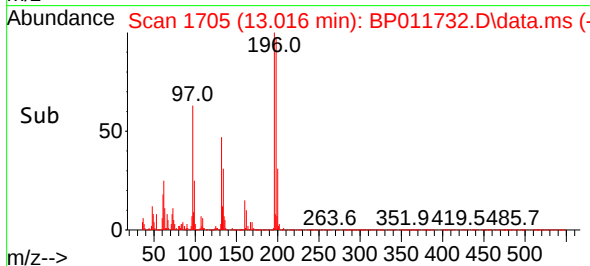
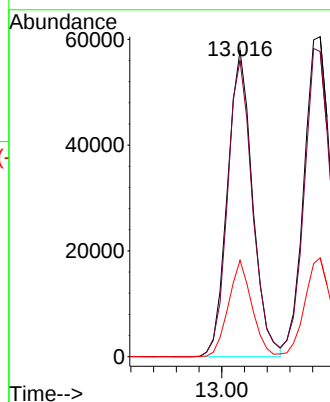
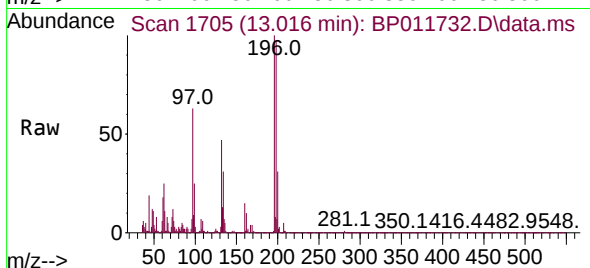
Tgt Ion:196 Resp: 88483

Ion Ratio Lower Upper

196 100

198 96.7 77.7 116.5

200 31.4 25.5 38.3



#44

2,4,5-Trichlorophenol

Concen: 5.860 ng

RT: 13.087 min Scan# 1717

Delta R.T. 0.000 min

Lab File: BP011732.D

Acq: 19 Sep 2022 12:42

Tgt Ion:196 Resp: 102707

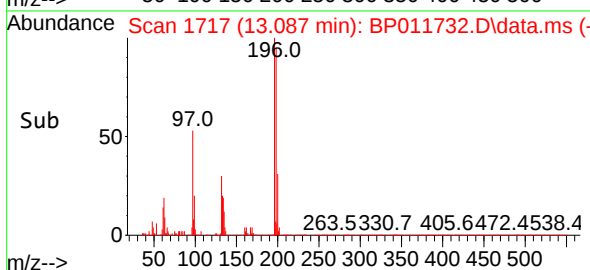
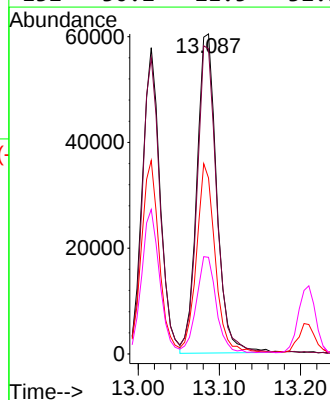
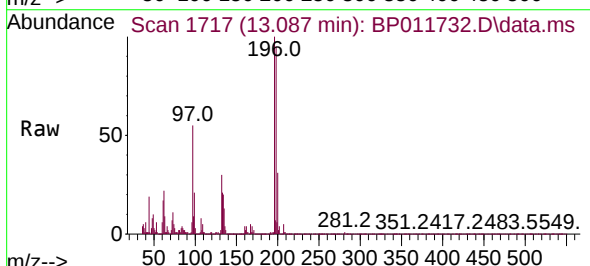
Ion Ratio Lower Upper

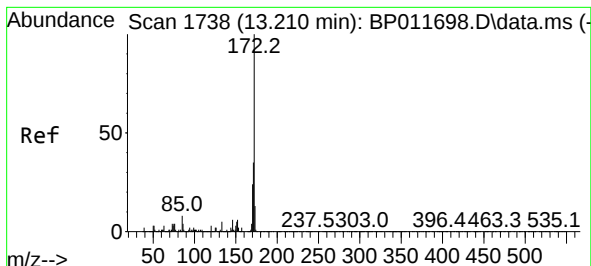
196 100

198 95.4 75.7 113.5

97 55.0 42.4 63.6

132 30.2 21.5 32.3





#45

2-Fluorobiphenyl

Concen: 69.862 ng

RT: 13.210 min Scan# 1738

Delta R.T. 0.000 min

Lab File: BP011732.D

Acq: 19 Sep 2022 12:42

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-03-QT3-2022

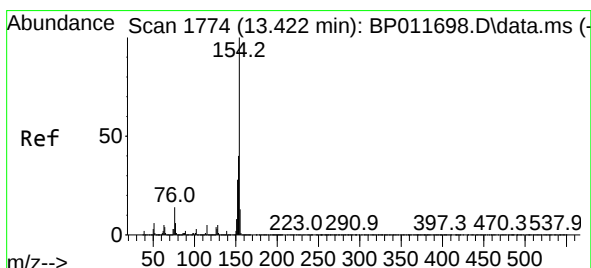
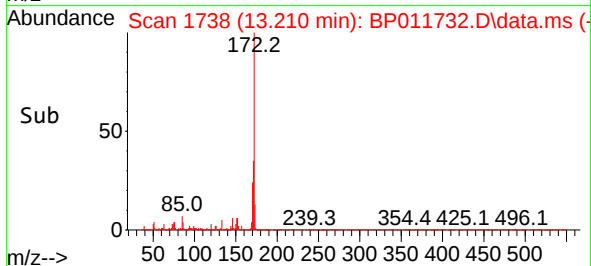
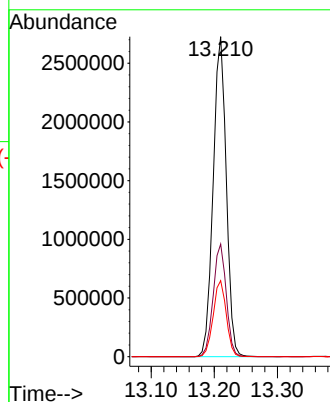
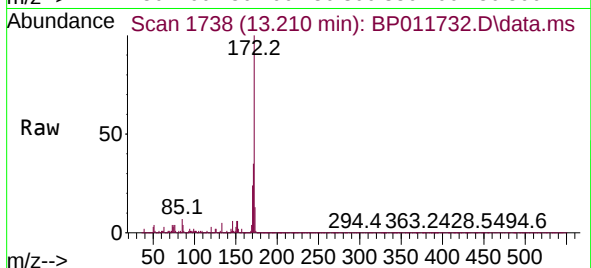
Tgt Ion:172 Resp: 3924370

Ion Ratio Lower Upper

172 100

171 35.2 27.9 41.9

170 23.8 18.2 27.2



#46

1,1'-Biphenyl

Concen: 7.576 ng

RT: 13.416 min Scan# 1773

Delta R.T. -0.006 min

Lab File: BP011732.D

Acq: 19 Sep 2022 12:42

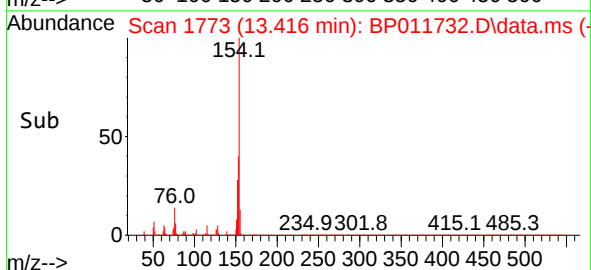
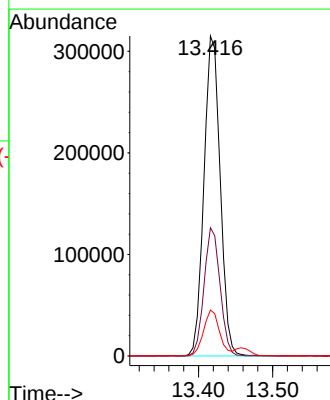
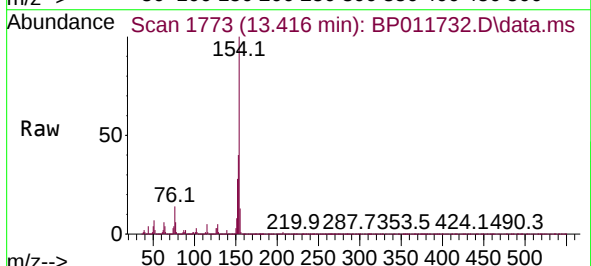
Tgt Ion:154 Resp: 481236

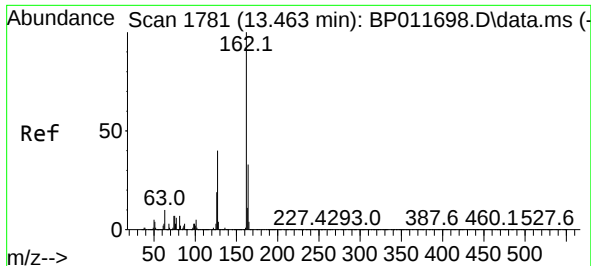
Ion Ratio Lower Upper

154 100

153 40.1 20.1 60.1

76 14.3 0.0 33.2

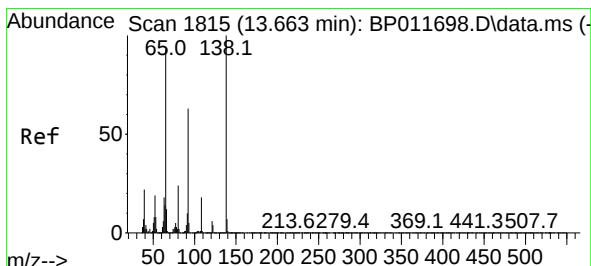
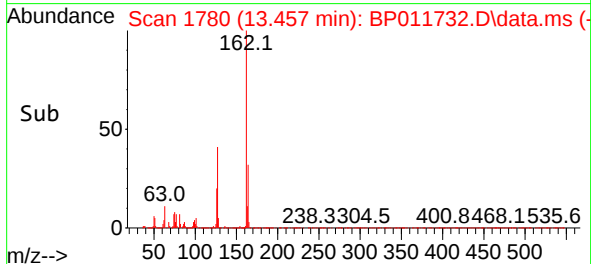
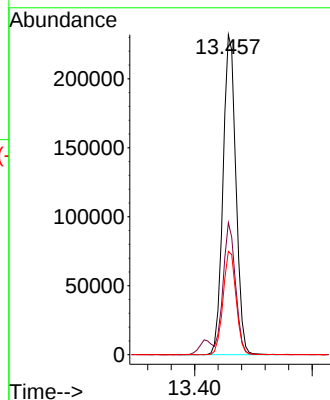
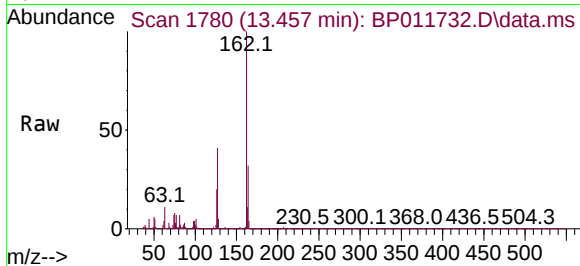




#47
2-Chloronaphthalene
Concen: 7.072 ng
RT: 13.457 min Scan# 1780
Delta R.T. -0.006 min
Lab File: BP011732.D
Acq: 19 Sep 2022 12:42

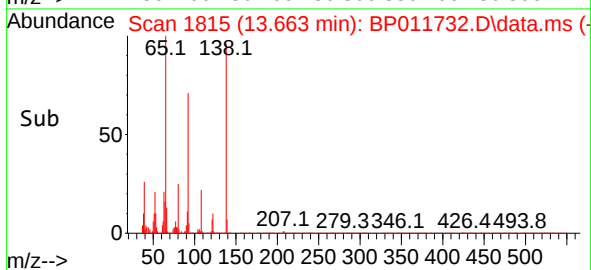
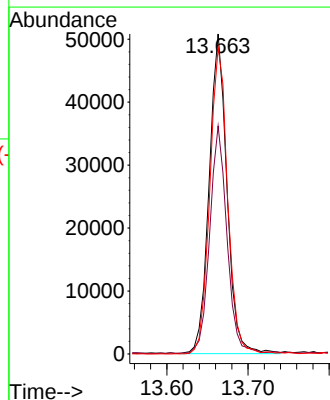
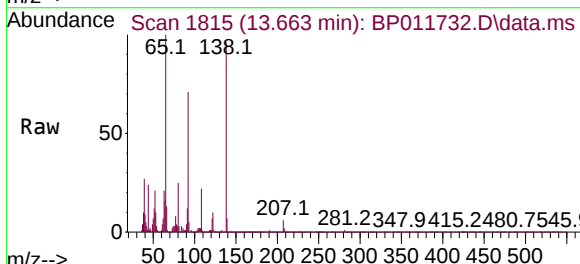
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT3-2022

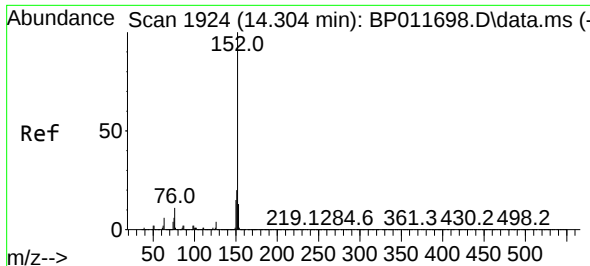
Tgt Ion:162 Resp: 353452
Ion Ratio Lower Upper
162 100
127 41.2 32.4 48.6
164 32.3 26.3 39.5



#48
2-Nitroaniline
Concen: 5.517 ng
RT: 13.663 min Scan# 1815
Delta R.T. 0.000 min
Lab File: BP011732.D
Acq: 19 Sep 2022 12:42

Tgt Ion: 65 Resp: 77328
Ion Ratio Lower Upper
65 100
92 71.3 50.0 75.0
138 95.7 71.2 106.8

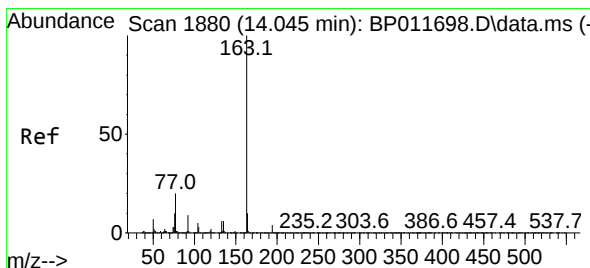
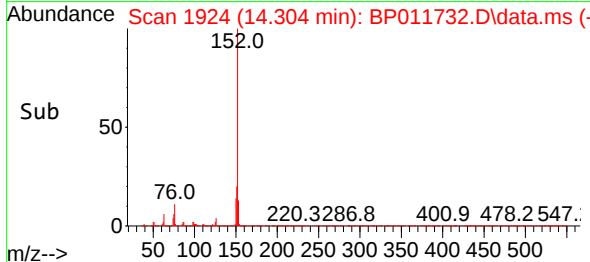
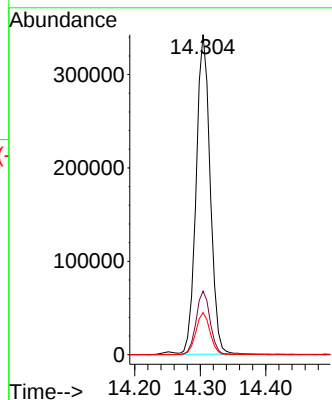
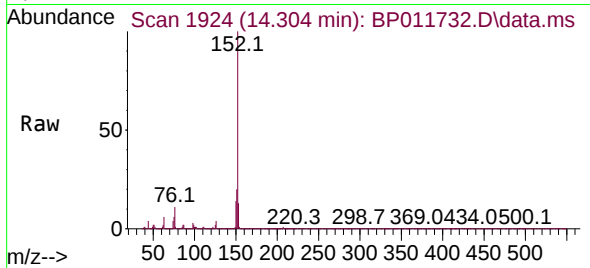




#49
Acenaphthylene
Concen: 6.586 ng
RT: 14.304 min Scan# 1924
Delta R.T. 0.000 min
Lab File: BP011732.D
Acq: 19 Sep 2022 12:42

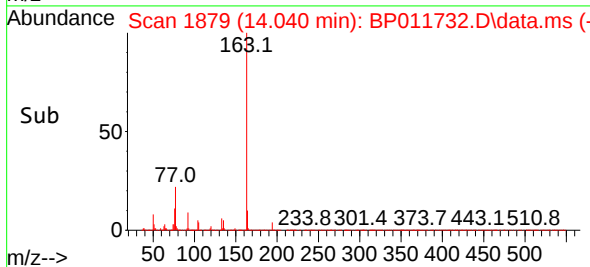
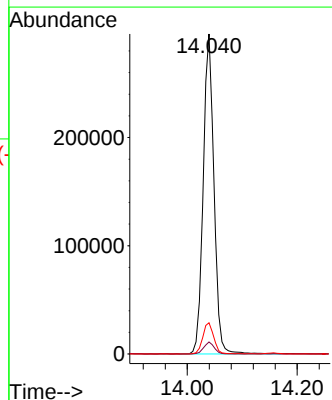
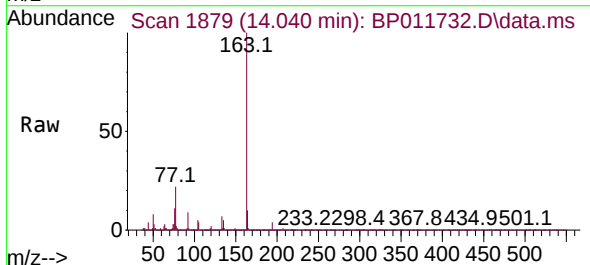
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT3-2022

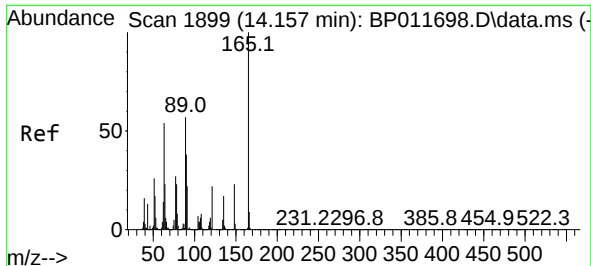
Tgt Ion:152 Resp: 509284
Ion Ratio Lower Upper
152 100
151 19.8 15.7 23.5
153 13.2 10.4 15.6



#50
Dimethylphthalate
Concen: 6.590 ng
RT: 14.040 min Scan# 1879
Delta R.T. -0.006 min
Lab File: BP011732.D
Acq: 19 Sep 2022 12:42

Tgt Ion:163 Resp: 401459
Ion Ratio Lower Upper
163 100
194 3.7 3.1 4.7
164 9.7 8.2 12.4

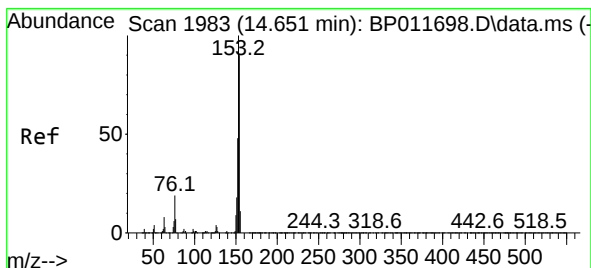
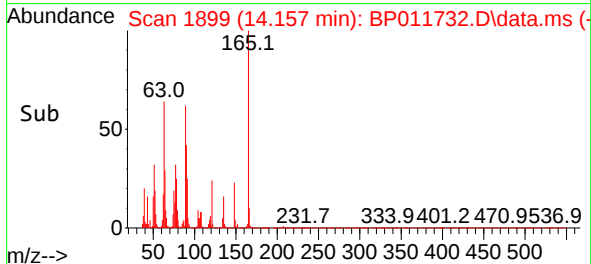
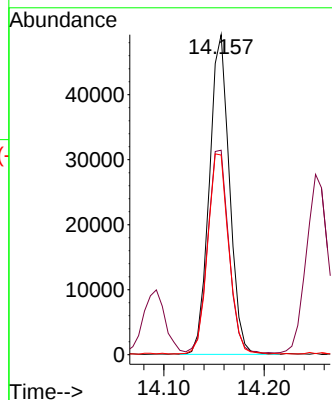
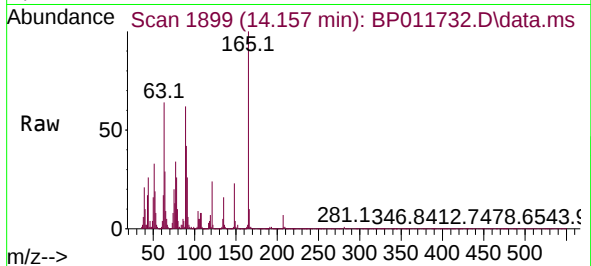




#51
2,6-Dinitrotoluene
Concen: 5.552 ng
RT: 14.157 min Scan# 1899
Delta R.T. 0.000 min
Lab File: BP011732.D
Acq: 19 Sep 2022 12:42

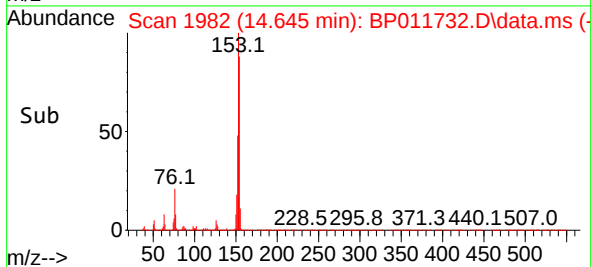
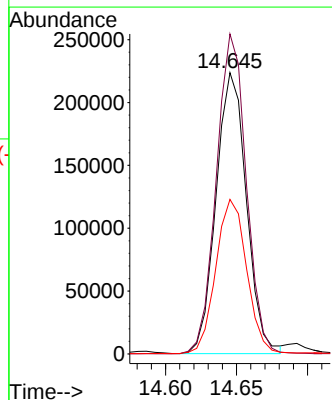
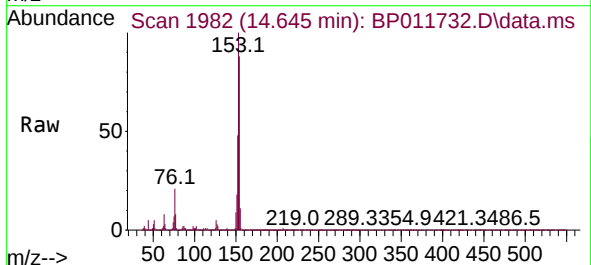
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT3-2022

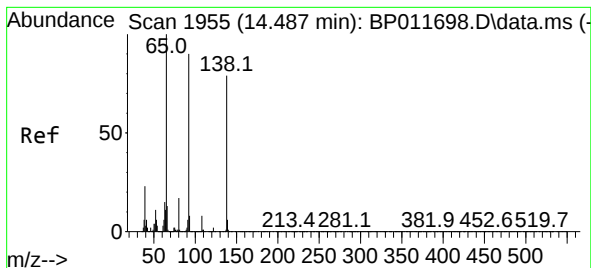
Tgt Ion:165 Resp: 68579
Ion Ratio Lower Upper
165 100
63 63.9 57.3 85.9
89 62.4 50.2 75.2



#52
Acenaphthene
Concen: 6.475 ng
RT: 14.645 min Scan# 1982
Delta R.T. -0.006 min
Lab File: BP011732.D
Acq: 19 Sep 2022 12:42

Tgt Ion:154 Resp: 333094
Ion Ratio Lower Upper
154 100
153 113.8 87.4 131.2
152 54.9 41.7 62.5





#53

3-Nitroaniline

Concen: 5.209 ng

RT: 14.487 min Scan# 1955

Delta R.T. -0.000 min

Lab File: BP011732.D

Acq: 19 Sep 2022 12:42

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-03-QT3-2022

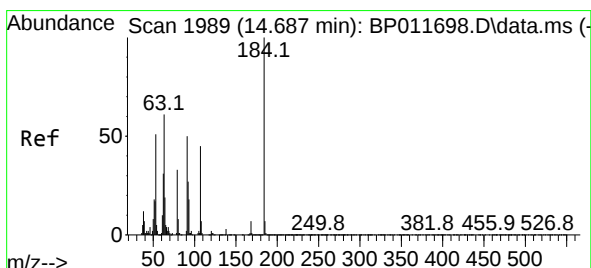
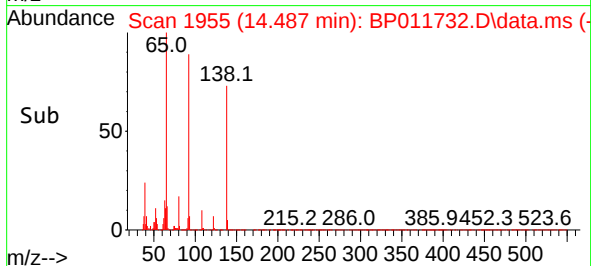
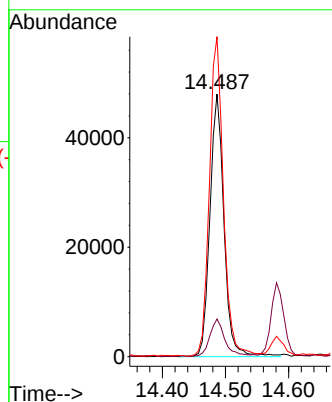
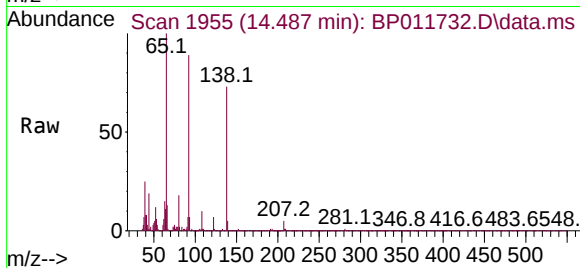
Tgt Ion:138 Resp: 74207

Ion Ratio Lower Upper

138 100

108 14.3 9.5 14.3#

92 121.9 99.9 149.9



#54

2,4-Dinitrophenol

Concen: 3.654 ng

RT: 14.687 min Scan# 1989

Delta R.T. -0.000 min

Lab File: BP011732.D

Acq: 19 Sep 2022 12:42

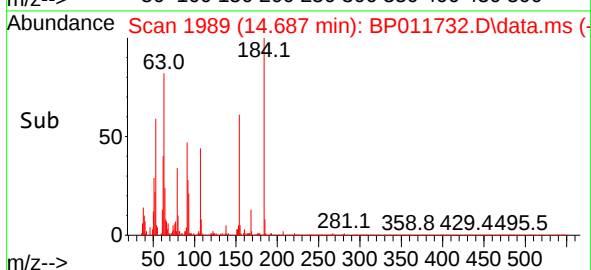
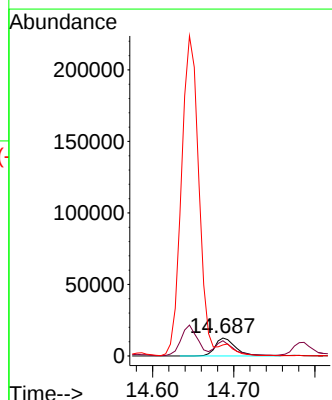
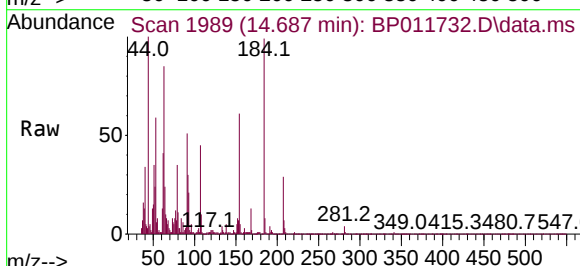
Tgt Ion:184 Resp: 21987

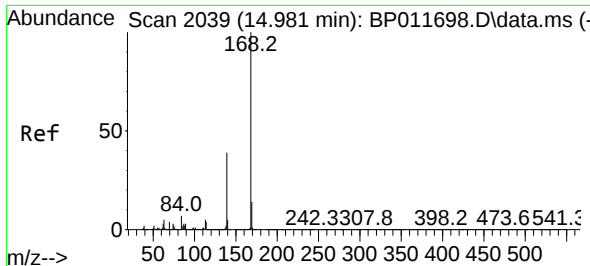
Ion Ratio Lower Upper

184 100

63 85.4 65.4 98.2

154 61.5 55.4 83.2

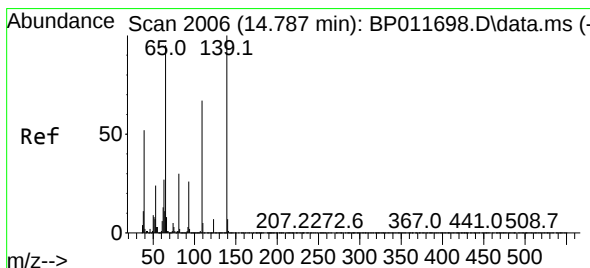
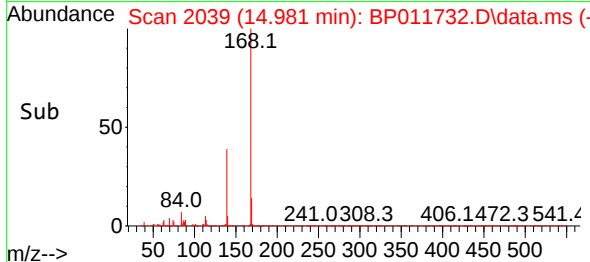
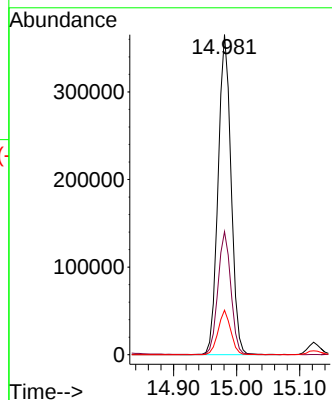
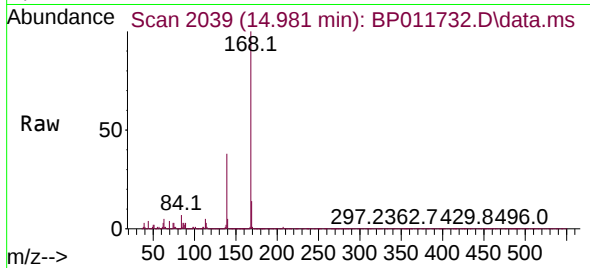




#55
Dibenzofuran
Concen: 7.019 ng
RT: 14.981 min Scan# 2039
Delta R.T. 0.000 min
Lab File: BP011732.D
Acq: 19 Sep 2022 12:42

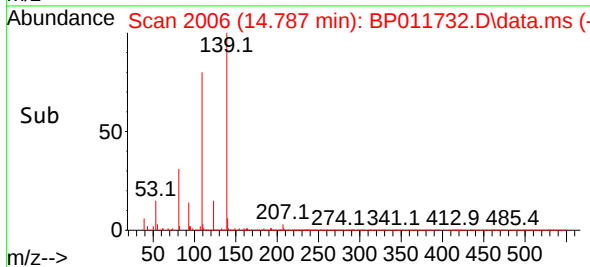
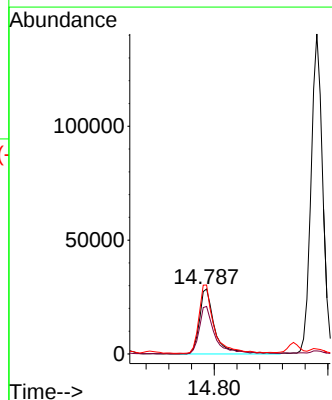
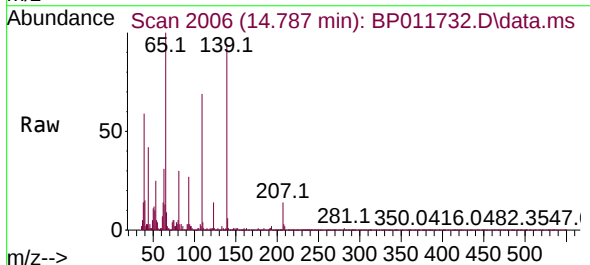
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT3-2022

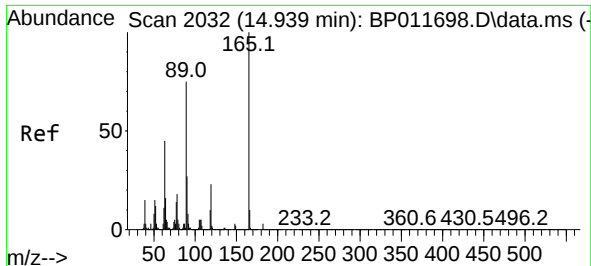
Tgt Ion:	168	Resp:	519951
Ion Ratio	Lower	Upper	
168	100		
139	38.5	31.5	47.3
169	13.9	10.3	15.5



#56
4-Nitrophenol
Concen: 4.433 ng
RT: 14.787 min Scan# 2006
Delta R.T. -0.000 min
Lab File: BP011732.D
Acq: 19 Sep 2022 12:42

Tgt Ion:	139	Resp:	53204
Ion Ratio	Lower	Upper	
139	100		
109	73.1	70.6	110.6
65	106.2	106.6	146.6#

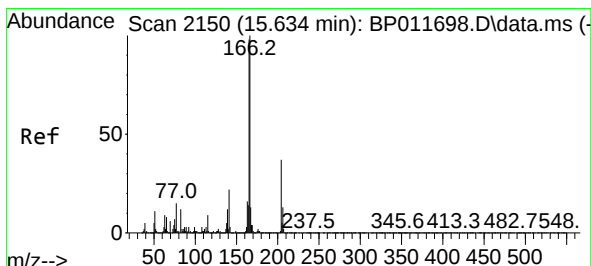
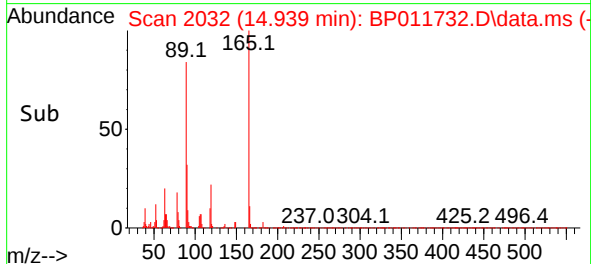
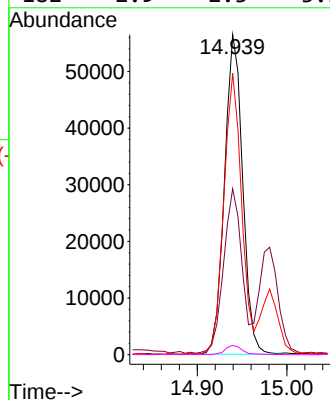
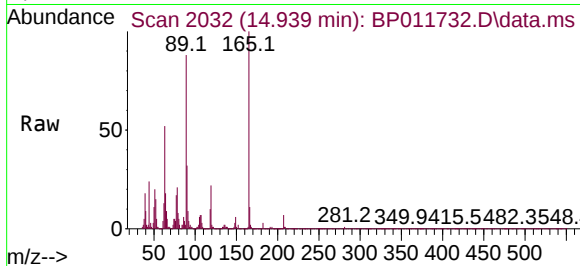




#57
2,4-Dinitrotoluene
Concen: 4.949 ng
RT: 14.939 min Scan# 2032
Delta R.T. 0.000 min
Lab File: BP011732.D
Acq: 19 Sep 2022 12:42

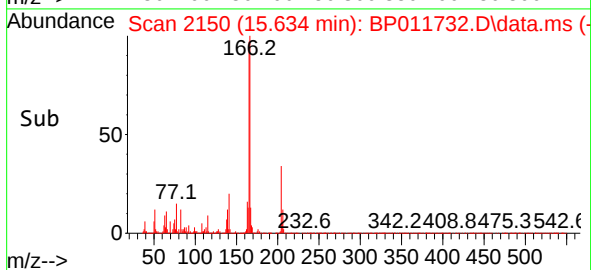
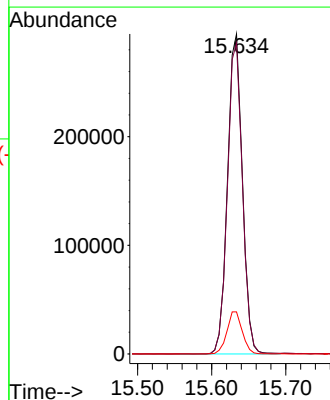
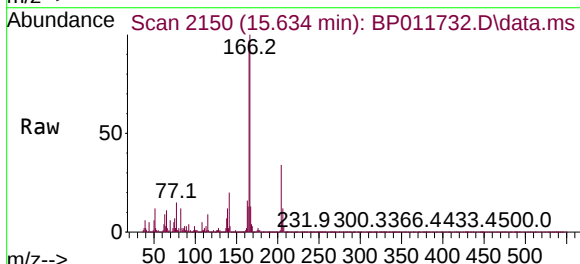
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT3-2022

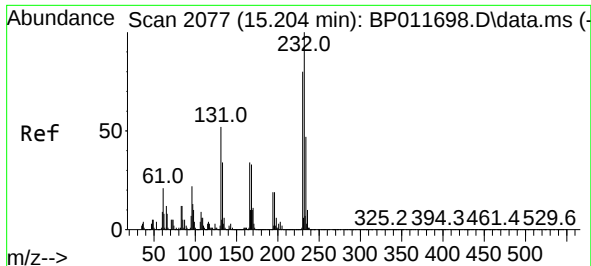
Tgt Ion:	165	Resp:	79189
Ion Ratio	Lower	Upper	
165	100		
63	51.8	46.2	69.2
89	87.9	65.8	98.8
182	2.9	2.3	3.5



#58
Fluorene
Concen: 6.822 ng
RT: 15.634 min Scan# 2150
Delta R.T. 0.000 min
Lab File: BP011732.D
Acq: 19 Sep 2022 12:42

Tgt Ion:	166	Resp:	409905
Ion Ratio	Lower	Upper	
166	100		
165	97.2	77.0	115.4
167	13.1	10.9	16.3

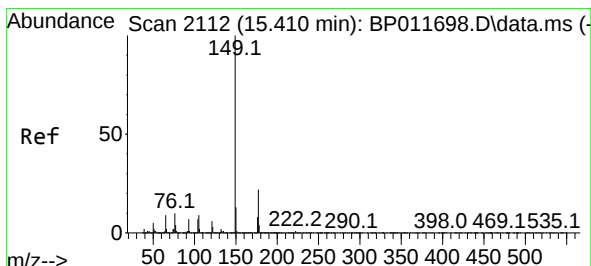
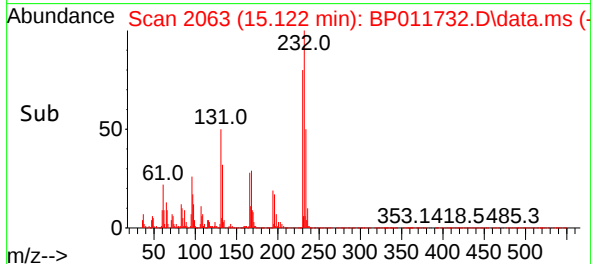
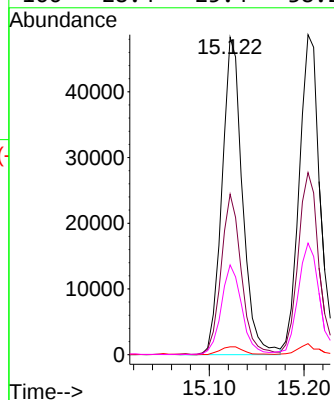
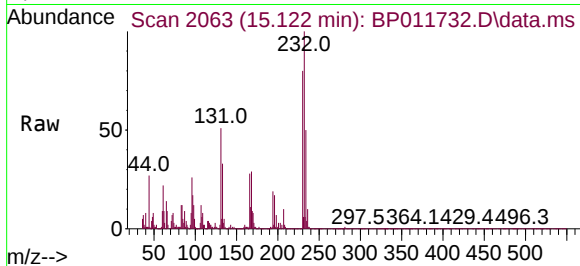




#59
2,3,4,6-Tetrachlorophenol
Concen: 5.029 ng
RT: 15.122 min Scan# 2077
Delta R.T. -0.082 min
Lab File: BP011732.D
Acq: 19 Sep 2022 12:42

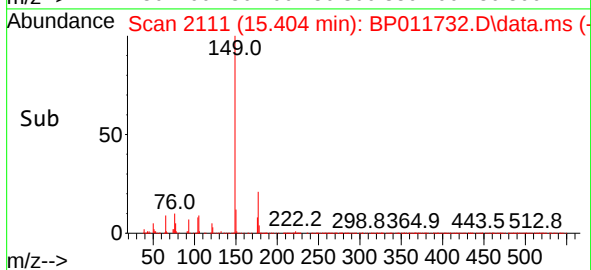
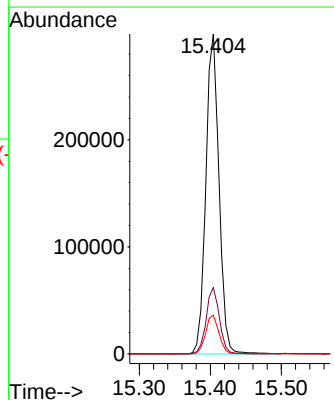
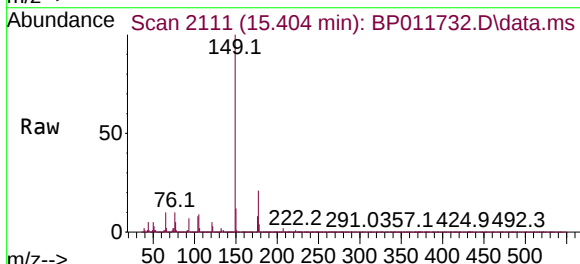
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT3-2022

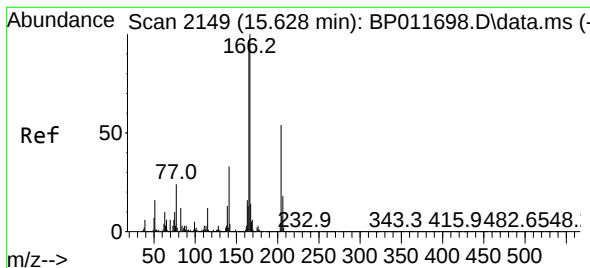
Tgt Ion:232	Resp:	72417
Ion Ratio	Lower	Upper
232	100	
131	49.9	37.0 55.6
130	2.9	2.2 3.2
166	28.4	25.4 38.2



#60
Diethylphthalate
Concen: 6.352 ng
RT: 15.404 min Scan# 2111
Delta R.T. -0.006 min
Lab File: BP011732.D
Acq: 19 Sep 2022 12:42

Tgt Ion:149	Resp:	385224
Ion Ratio	Lower	Upper
149	100	
177	20.8	17.8 26.8
150	12.1	9.9 14.9

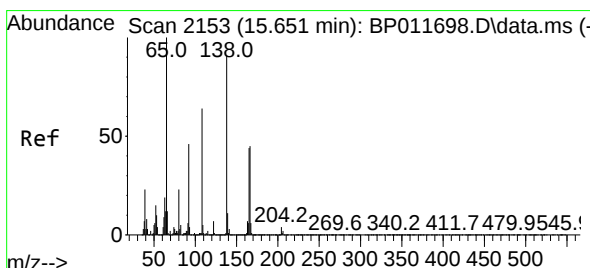
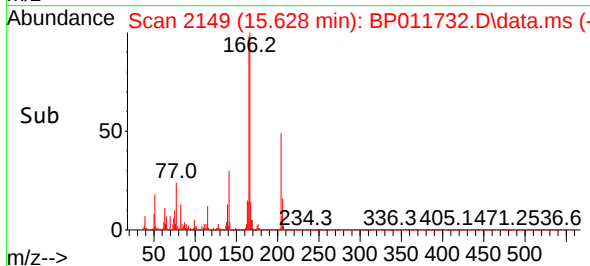
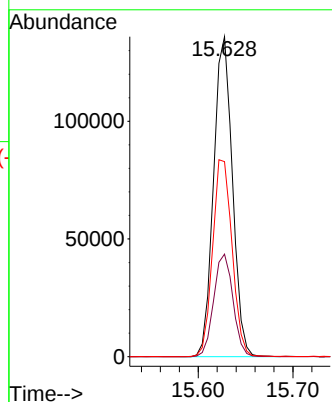
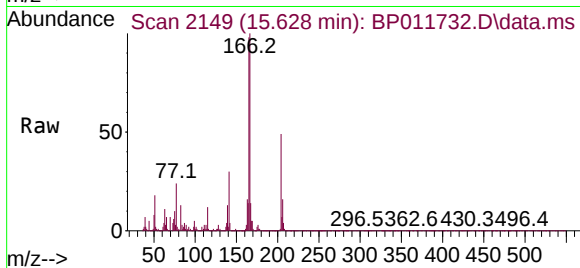




#61
4-Chlorophenyl-phenylether
Concen: 6.782 ng
RT: 15.628 min Scan# 2149
Delta R.T. 0.000 min
Lab File: BP011732.D
Acq: 19 Sep 2022 12:42

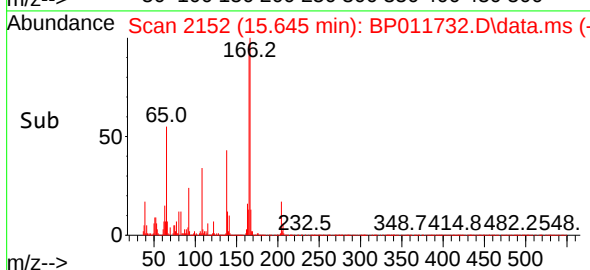
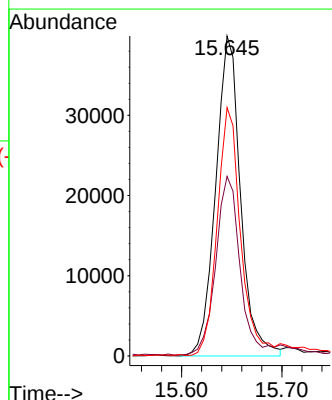
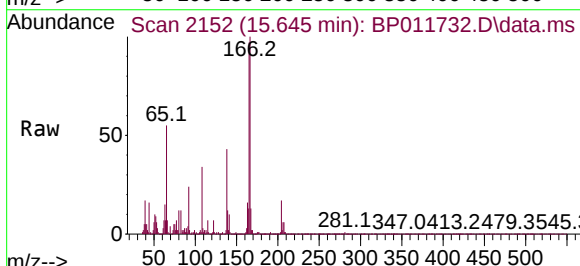
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT3-2022

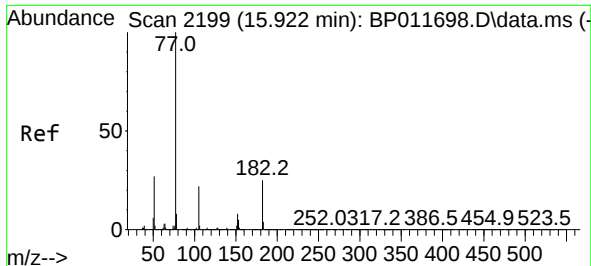
Tgt Ion:204 Resp: 188364
Ion Ratio Lower Upper
204 100
206 32.0 26.3 39.5
141 61.0 51.1 76.7



#62
4-Nitroaniline
Concen: 4.794 ng
RT: 15.645 min Scan# 2152
Delta R.T. -0.006 min
Lab File: BP011732.D
Acq: 19 Sep 2022 12:42

Tgt Ion:138 Resp: 68641
Ion Ratio Lower Upper
138 100
92 56.1 38.0 78.0
108 77.6 77.6 117.6

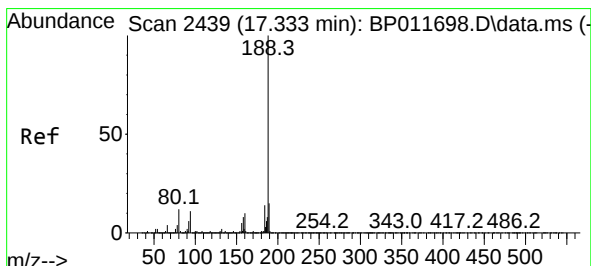
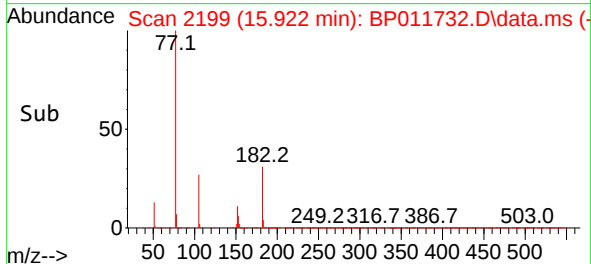
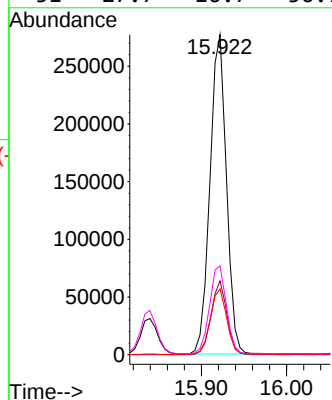
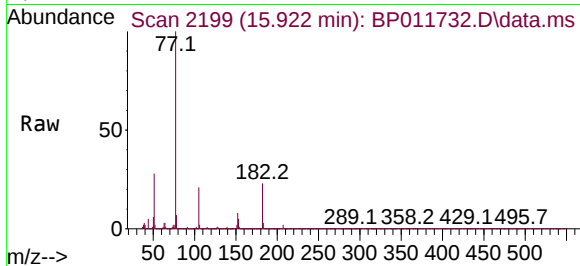




#63
Azobenzene
Concen: 6.380 ng
RT: 15.922 min Scan# 2199
Delta R.T. -0.000 min
Lab File: BP011732.D
Acq: 19 Sep 2022 12:42

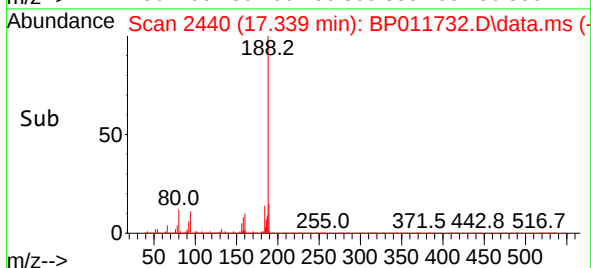
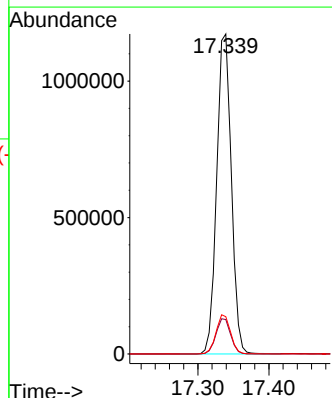
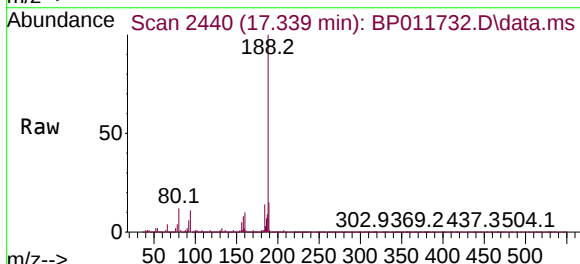
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT3-2022

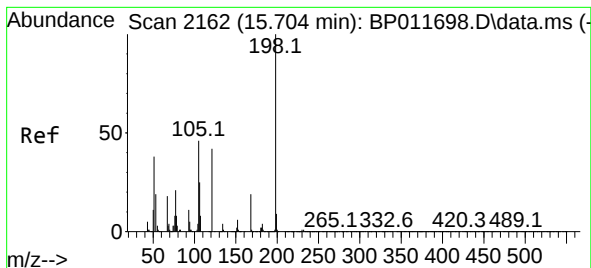
Tgt Ion: 77	Resp: 371842
Ion Ratio	Lower Upper
77 100	
182 23.1	3.0 43.0
105 20.6	0.0 38.6
51 27.7	16.7 56.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.339 min Scan# 2440
Delta R.T. 0.006 min
Lab File: BP011732.D
Acq: 19 Sep 2022 12:42

Tgt Ion:188	Resp: 1670965		
Ion Ratio	Lower	Upper	
188 100			
94 10.7	6.6	10.0#	
80 11.7	8.0	12.0	

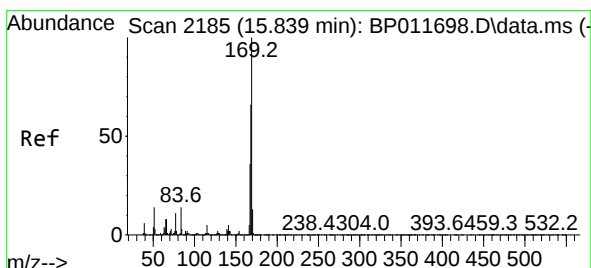
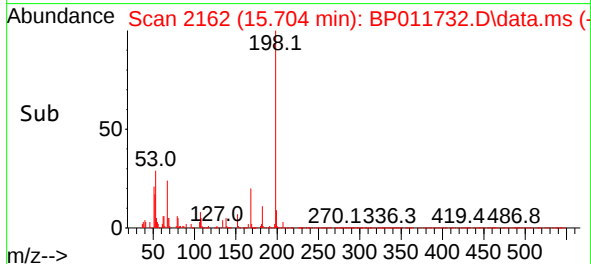
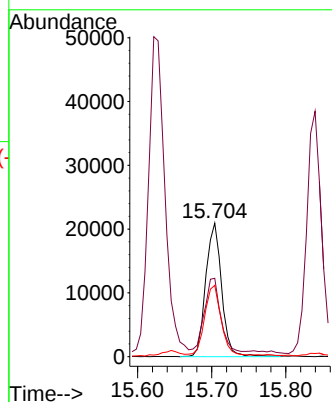
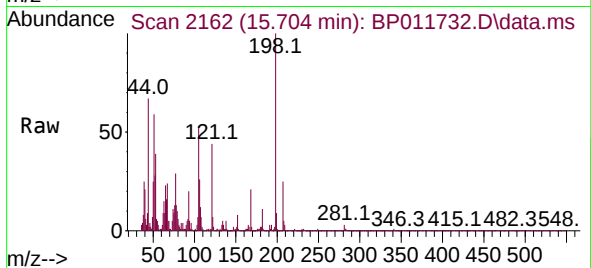




#65
4,6-Dinitro-2-methylphenol
Concen: 3.823 ng
RT: 15.704 min Scan# 2162
Delta R.T. 0.000 min
Lab File: BP011732.D
Acq: 19 Sep 2022 12:42

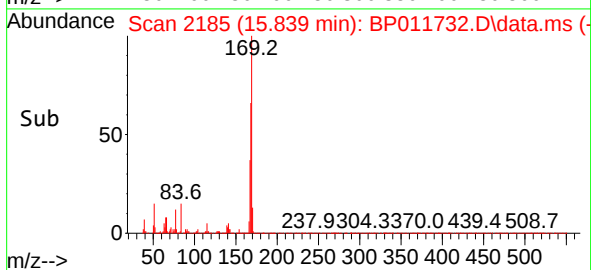
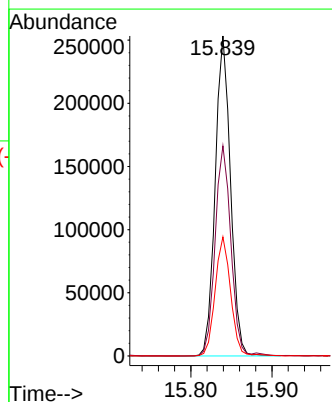
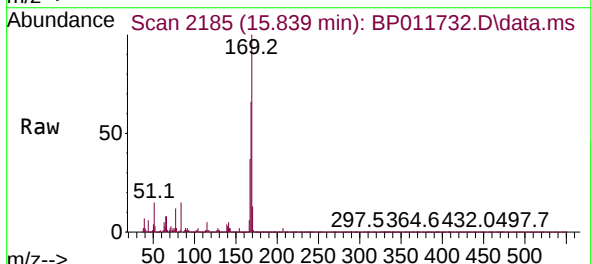
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT3-2022

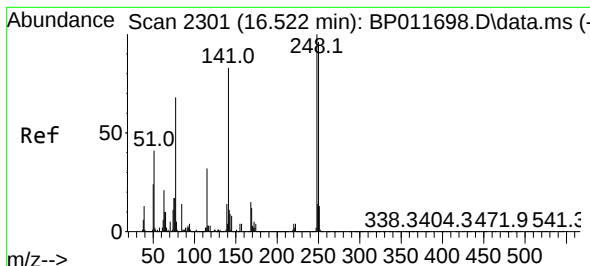
Tgt Ion:198 Resp: 31239
Ion Ratio Lower Upper
198 100
51 58.6 41.2 81.2
105 53.3 25.3 65.3



#66
n-Nitrosodiphenylamine
Concen: 6.672 ng
RT: 15.839 min Scan# 2185
Delta R.T. 0.000 min
Lab File: BP011732.D
Acq: 19 Sep 2022 12:42

Tgt Ion:169 Resp: 331735
Ion Ratio Lower Upper
169 100
168 65.6 51.8 77.8
167 37.2 28.3 42.5

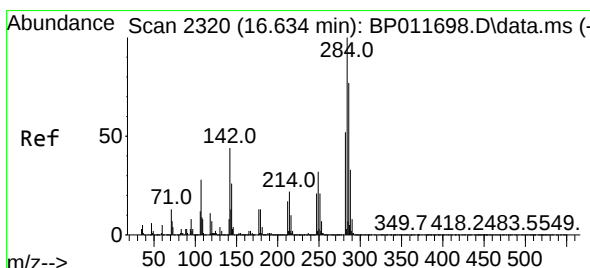
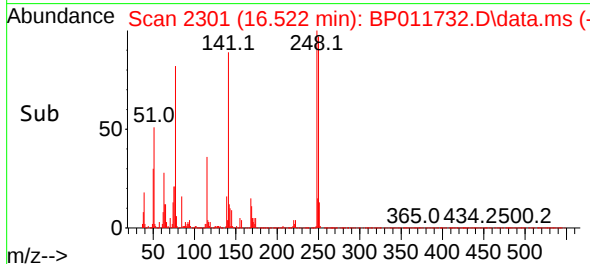
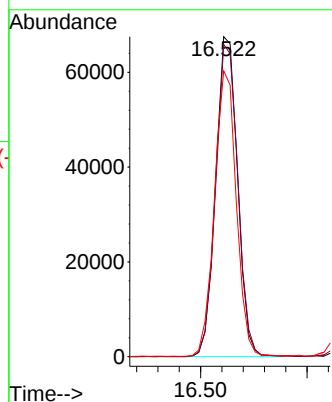
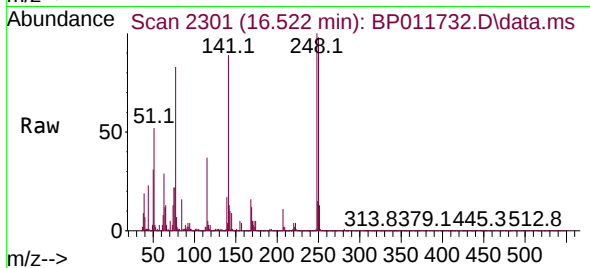




#67
4-Bromophenyl-phenylether
Concen: 6.133 ng
RT: 16.522 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP011732.D
Acq: 19 Sep 2022 12:42

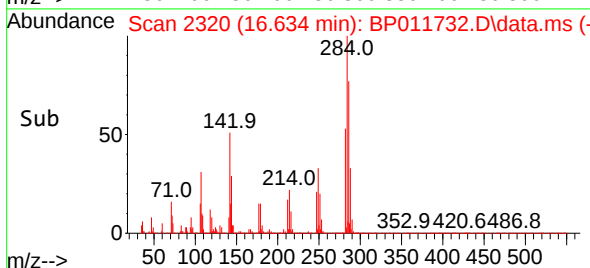
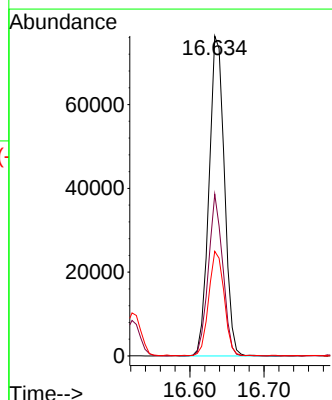
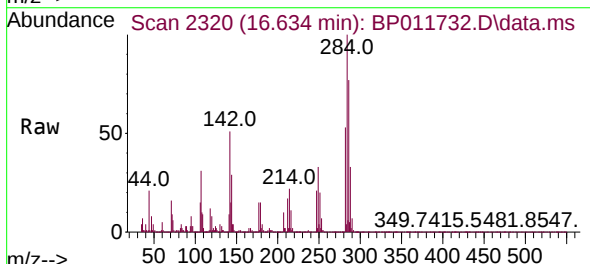
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT3-2022

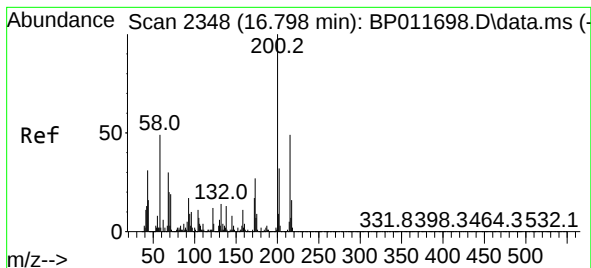
Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.5	77.7	116.5
141	89.3	62.0	93.0



#68
Hexachlorobenzene
Concen: 6.523 ng
RT: 16.634 min Scan# 2320
Delta R.T. 0.000 min
Lab File: BP011732.D
Acq: 19 Sep 2022 12:42

Tgt Ion	Ratio	Lower	Upper
284	100		
142	50.6	30.8	46.2#
249	32.7	26.8	40.2





#69

Atrazine

Concen: 6.304 ng

RT: 16.792 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP011732.D

Acq: 19 Sep 2022 12:42

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-03-QT3-2022

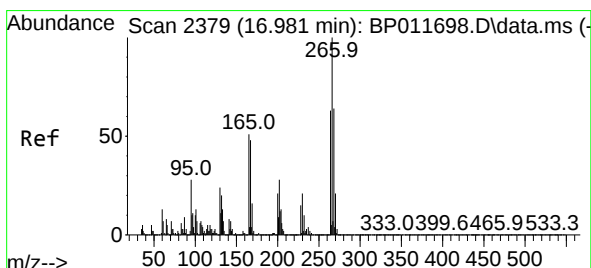
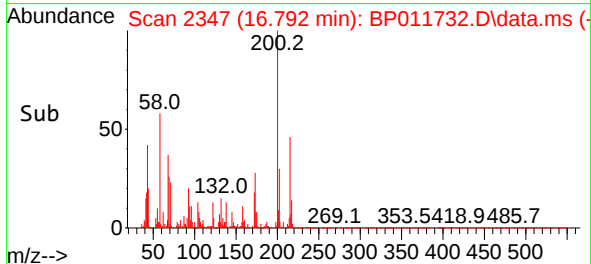
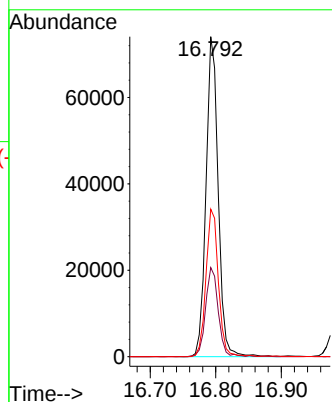
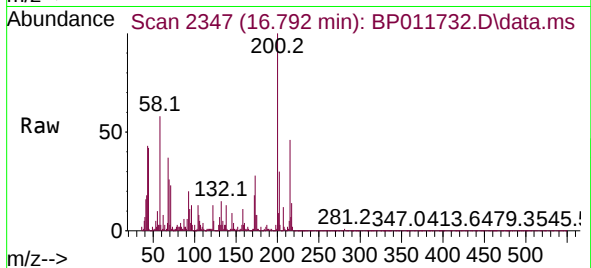
Tgt Ion:200 Resp: 95667

Ion Ratio Lower Upper

200 100

173 27.8 5.3 45.3

215 46.1 29.4 69.4



#70

Pentachlorophenol

Concen: 4.523 ng

RT: 16.986 min Scan# 2380

Delta R.T. 0.005 min

Lab File: BP011732.D

Acq: 19 Sep 2022 12:42

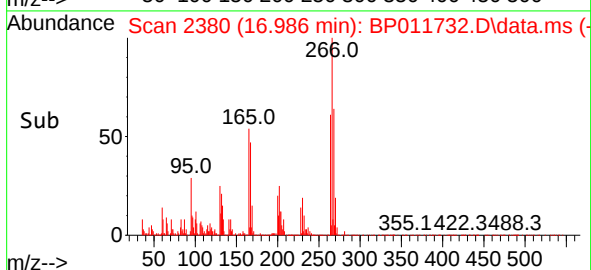
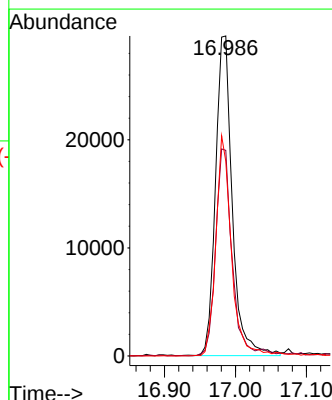
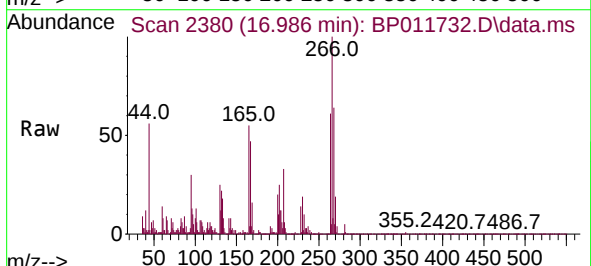
Tgt Ion:266 Resp: 48342

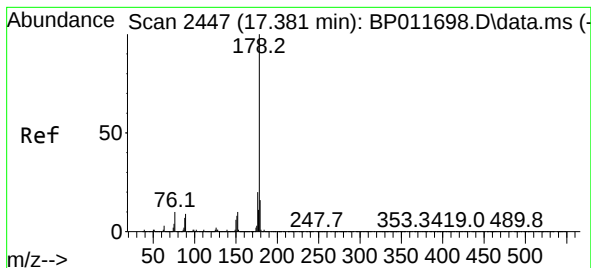
Ion Ratio Lower Upper

266 100

268 64.3 50.5 75.7

264 60.8 50.4 75.6





#71

Phenanthrene

Concen: 6.818 ng

RT: 17.381 min Scan# 2447

Delta R.T. 0.000 min

Lab File: BP011732.D

Acq: 19 Sep 2022 12:42

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-03-QT3-2022

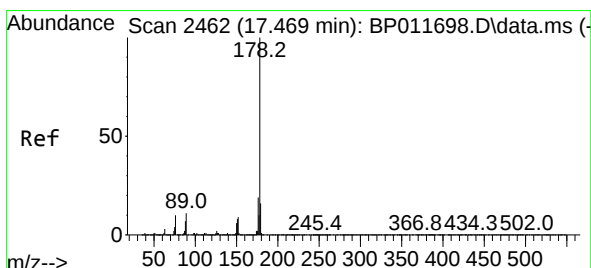
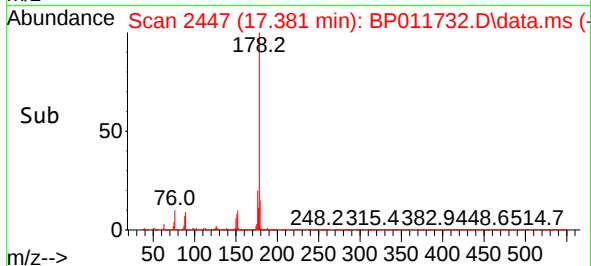
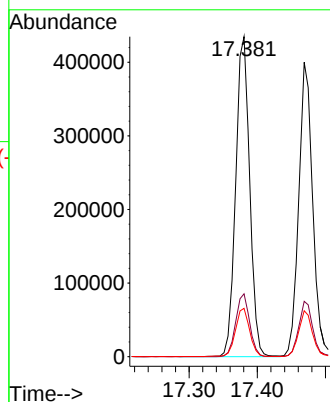
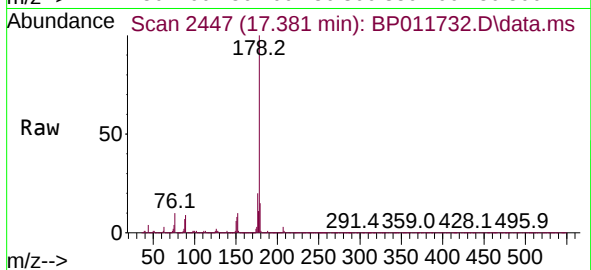
Tgt Ion:178 Resp: 619881

Ion Ratio Lower Upper

178 100

176 19.7 14.7 22.1

179 15.1 12.2 18.2



#72

Anthracene

Concen: 6.711 ng

RT: 17.469 min Scan# 2462

Delta R.T. 0.000 min

Lab File: BP011732.D

Acq: 19 Sep 2022 12:42

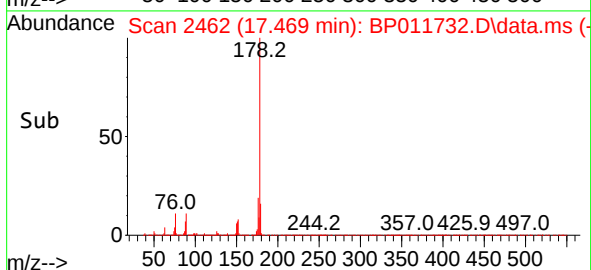
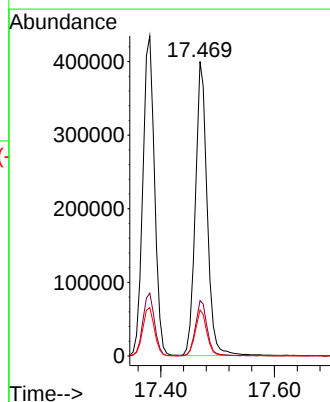
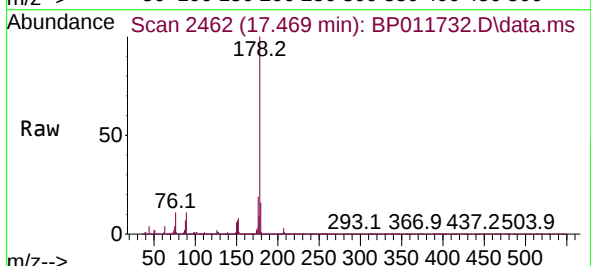
Tgt Ion:178 Resp: 577055

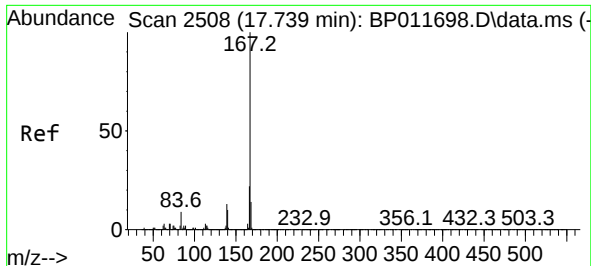
Ion Ratio Lower Upper

178 100

176 18.8 14.5 21.7

179 15.6 12.2 18.4

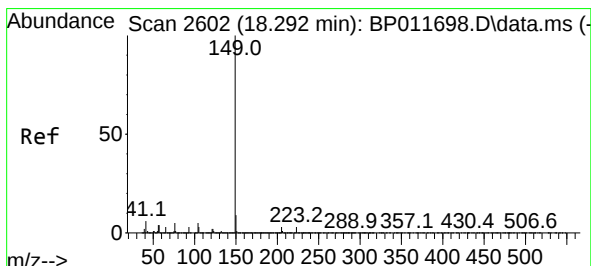
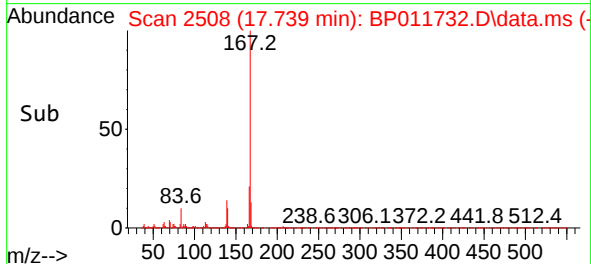
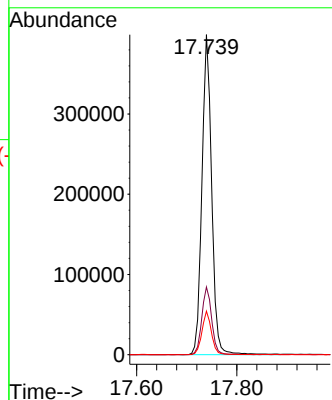
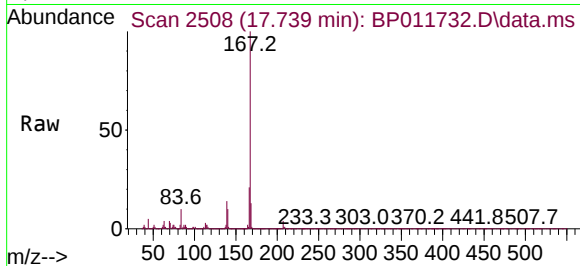




#73
 Carbazole
 Concen: 6.621 ng
 RT: 17.739 min Scan# 2508
 Delta R.T. 0.000 min
 Lab File: BP011732.D
 Acq: 19 Sep 2022 12:42

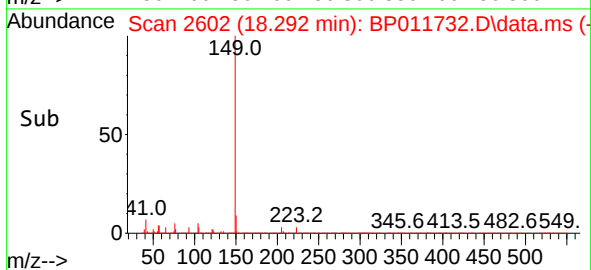
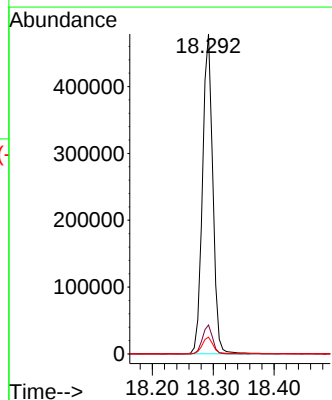
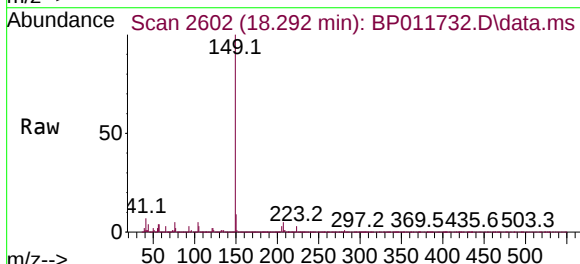
Instrument :
 BNA_P
 ClientSampleId :
 MDL-SOIL-03-QT3-2022

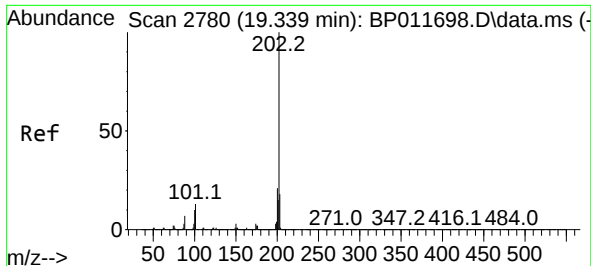
Tgt Ion:167 Resp: 537171
 Ion Ratio Lower Upper
 167 100
 166 21.1 16.9 25.3
 139 13.6 10.6 15.8



#74
 Di-n-butylphthalate
 Concen: 5.726 ng
 RT: 18.292 min Scan# 2602
 Delta R.T. 0.000 min
 Lab File: BP011732.D
 Acq: 19 Sep 2022 12:42

Tgt Ion:149 Resp: 559862
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.5 11.3
 104 5.3 4.8 7.2

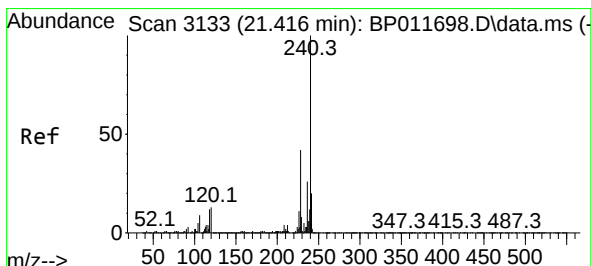
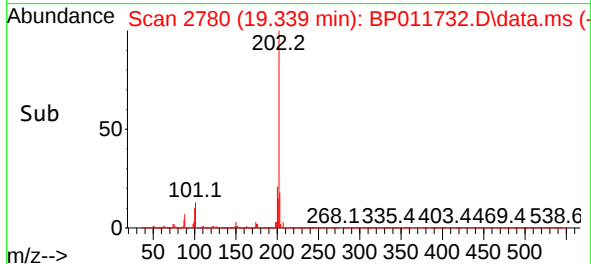
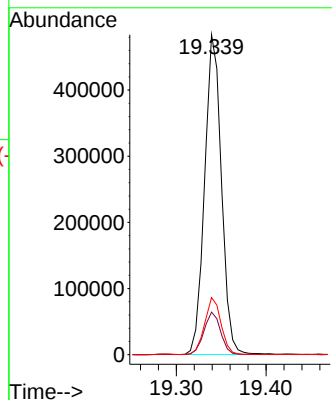
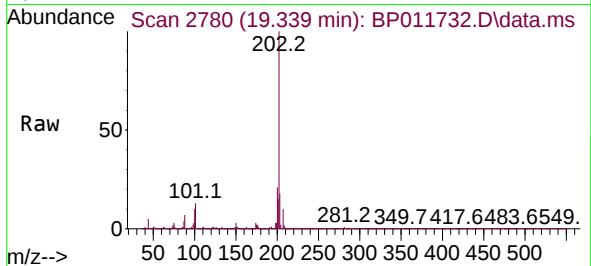




#75
Fluoranthene
Concen: 6.415 ng
RT: 19.339 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP011732.D
Acq: 19 Sep 2022 12:42

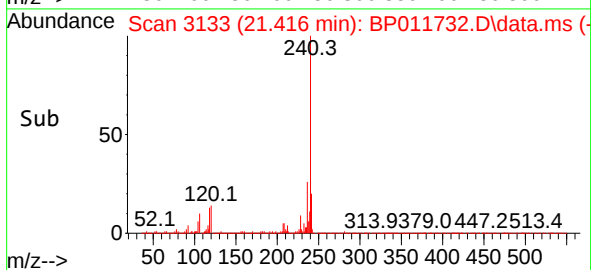
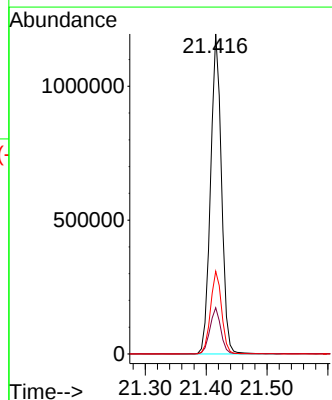
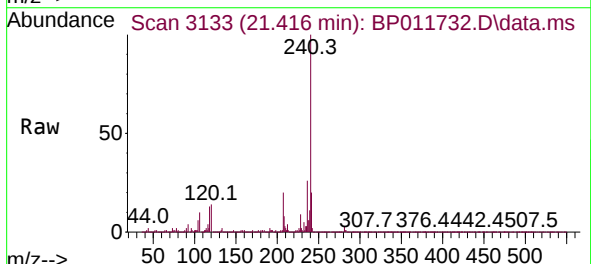
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT3-2022

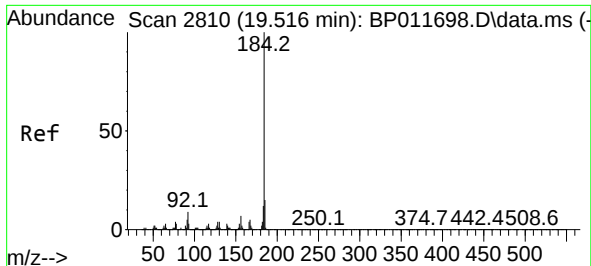
Tgt Ion:202 Resp: 629085
Ion Ratio Lower Upper
202 100
101 13.3 0.0 29.6
203 17.9 0.0 36.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.416 min Scan# 3133
Delta R.T. -0.000 min
Lab File: BP011732.D
Acq: 19 Sep 2022 12:42

Tgt Ion:240 Resp: 1491241
Ion Ratio Lower Upper
240 100
120 14.5 8.6 12.8#
236 25.9 19.8 29.6

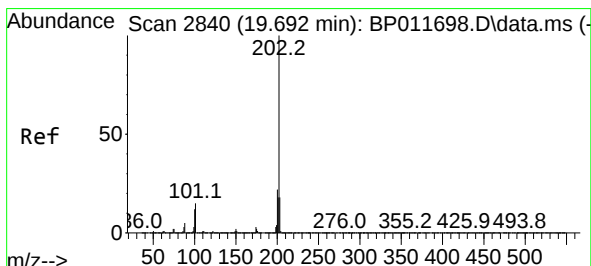
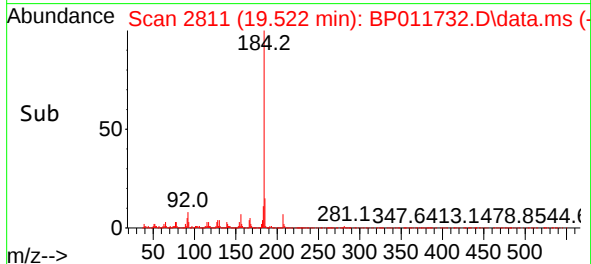
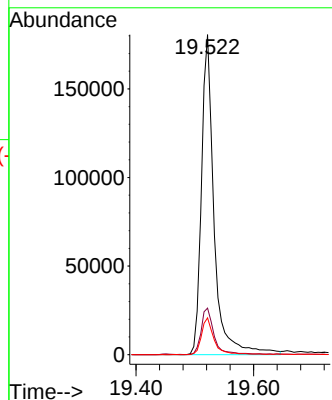
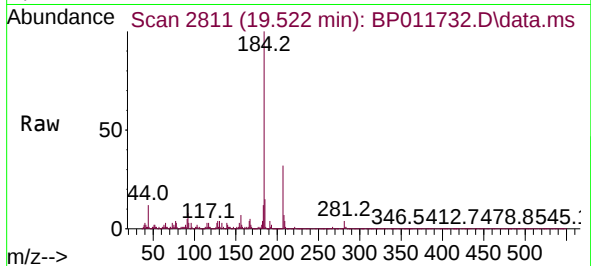




#77
Benzidine
Concen: 7.597 ng
RT: 19.522 min Scan# 2811
Delta R.T. 0.006 min
Lab File: BP011732.D
Acq: 19 Sep 2022 12:42

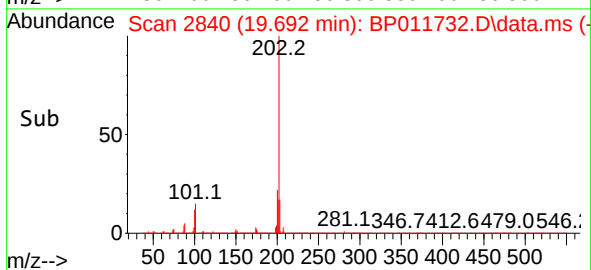
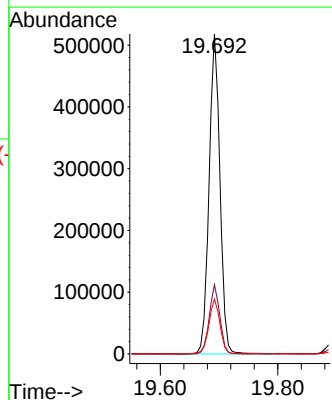
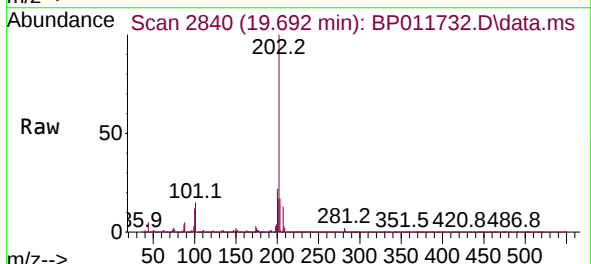
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT3-2022

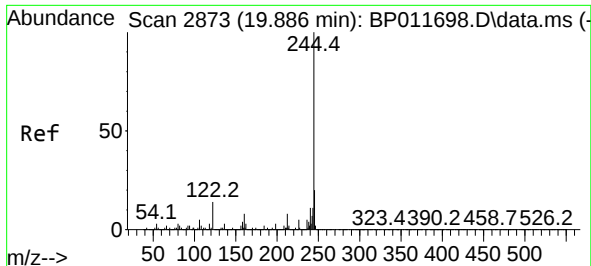
Tgt Ion:184 Resp: 269412
Ion Ratio Lower Upper
184 100
185 14.5 10.7 16.1
183 11.5 9.0 13.6



#78
Pyrene
Concen: 6.578 ng
RT: 19.692 min Scan# 2840
Delta R.T. 0.000 min
Lab File: BP011732.D
Acq: 19 Sep 2022 12:42

Tgt Ion:202 Resp: 661626
Ion Ratio Lower Upper
202 100
200 21.7 16.3 24.5
203 17.2 14.2 21.4

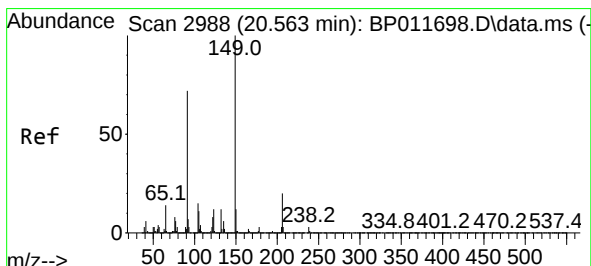
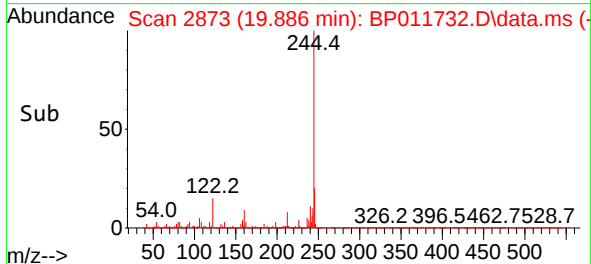
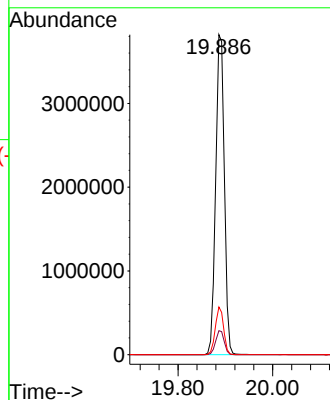
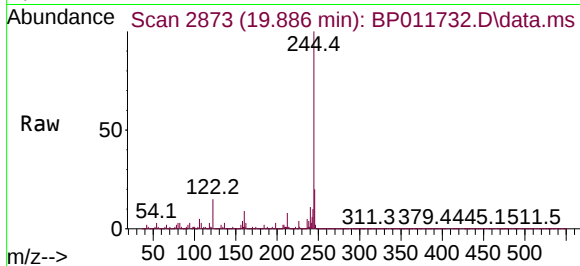




#79
 Terphenyl-d14
 Concen: 70.840 ng
 RT: 19.886 min Scan# 2873
 Delta R.T. 0.000 min
 Lab File: BP011732.D
 Acq: 19 Sep 2022 12:42

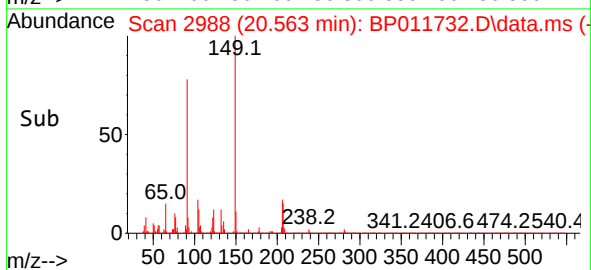
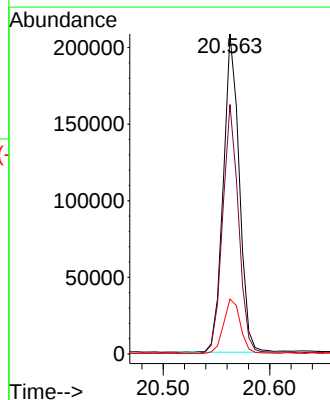
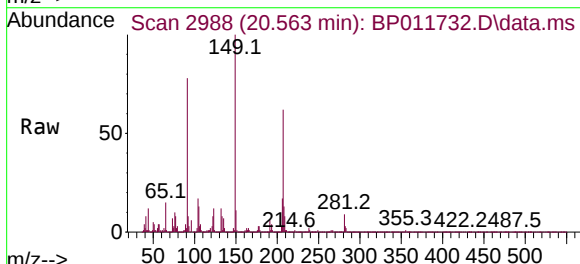
Instrument :
 BNA_P
 ClientSampleId :
 MDL-SOIL-03-QT3-2022

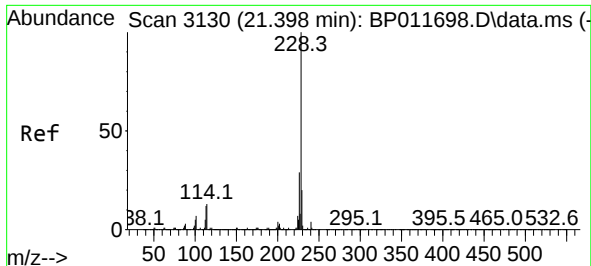
Tgt Ion:244 Resp: 4857941
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.8 8.8
 122 14.9 7.6 11.4#



#80
 Butylbenzylphthalate
 Concen: 5.120 ng
 RT: 20.563 min Scan# 2988
 Delta R.T. 0.000 min
 Lab File: BP011732.D
 Acq: 19 Sep 2022 12:42

Tgt Ion:149 Resp: 215782
 Ion Ratio Lower Upper
 149 100
 91 77.9 62.5 93.7
 206 17.1 17.0 25.4

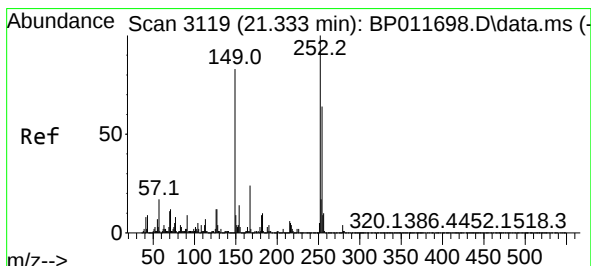
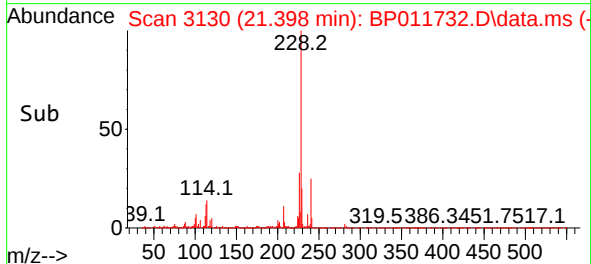
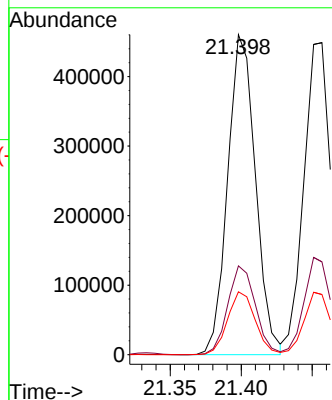
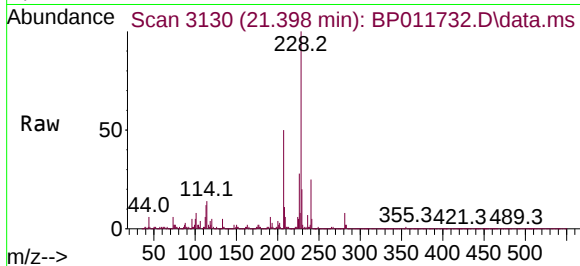




#81
Benzo(a)anthracene
Concen: 6.525 ng
RT: 21.398 min Scan# 3130
Delta R.T. 0.000 min
Lab File: BP011732.D
Acq: 19 Sep 2022 12:42

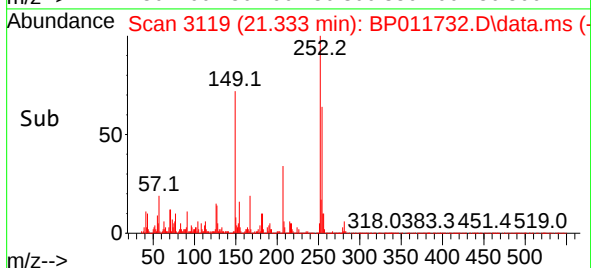
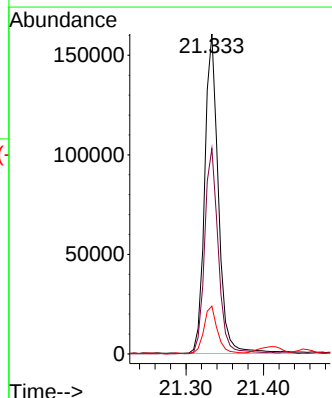
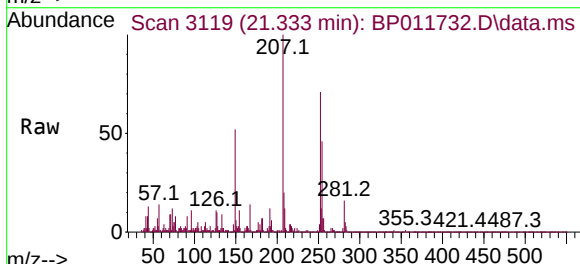
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT3-2022

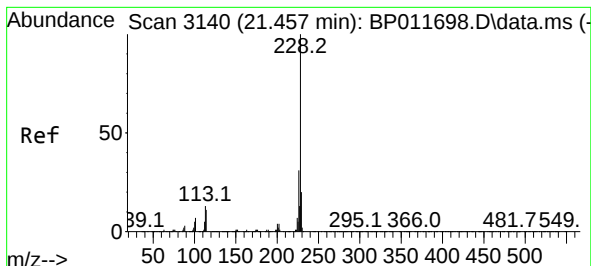
Tgt Ion:228 Resp: 627143
Ion Ratio Lower Upper
228 100
226 27.7 20.8 31.2
229 19.7 15.2 22.8



#82
3,3'-Dichlorobenzidine
Concen: 6.726 ng
RT: 21.333 min Scan# 3119
Delta R.T. 0.000 min
Lab File: BP011732.D
Acq: 19 Sep 2022 12:42

Tgt Ion:252 Resp: 196361
Ion Ratio Lower Upper
252 100
254 64.2 51.1 76.7
126 15.0 8.4 12.6





#83

Chrysene

Concen: 6.610 ng

RT: 21.457 min Scan# 3140

Delta R.T. 0.000 min

Lab File: BP011732.D

Acq: 19 Sep 2022 12:42

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-03-QT3-2022

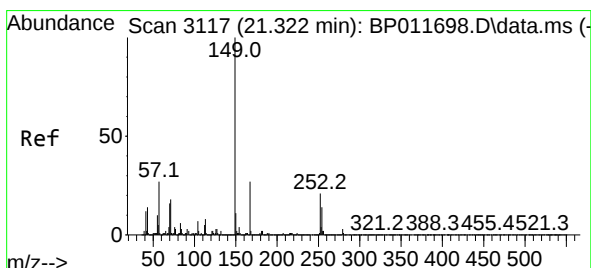
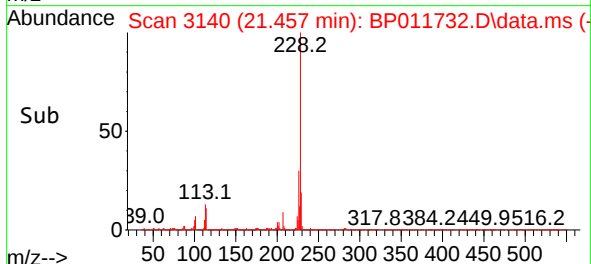
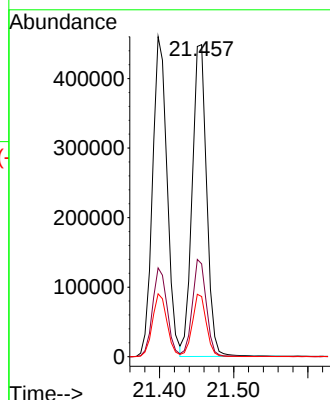
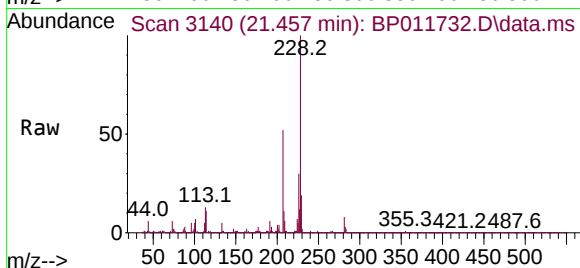
Tgt Ion:228 Resp: 606994

Ion Ratio Lower Upper

228 100

226 29.8 23.4 35.2

229 19.3 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 5.226 ng

RT: 21.322 min Scan# 3117

Delta R.T. 0.000 min

Lab File: BP011732.D

Acq: 19 Sep 2022 12:42

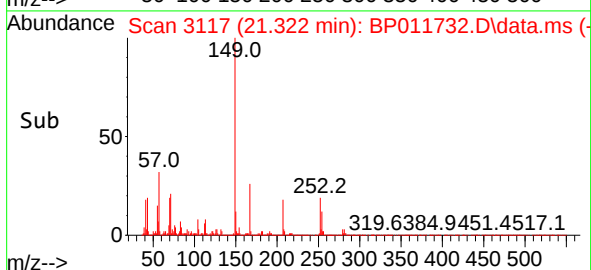
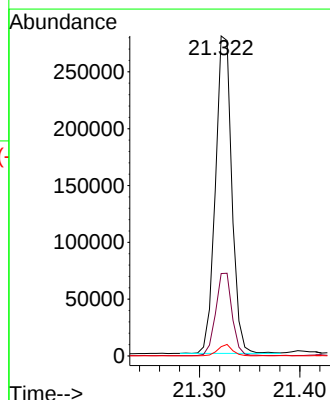
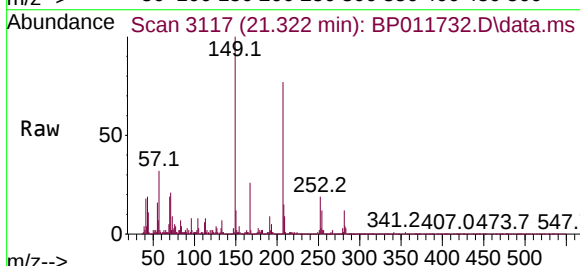
Tgt Ion:149 Resp: 316881

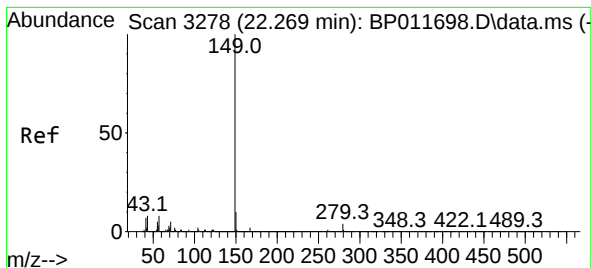
Ion Ratio Lower Upper

149 100

167 25.7 21.8 32.8

279 2.9 3.7 5.5#





#85

Di-n-octyl phthalate

Concen: 4.654 ng

RT: 22.269 min Scan# 31

Delta R.T. 0.000 min

Lab File: BP011732.D

Acq: 19 Sep 2022 12:42

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-03-QT3-2022

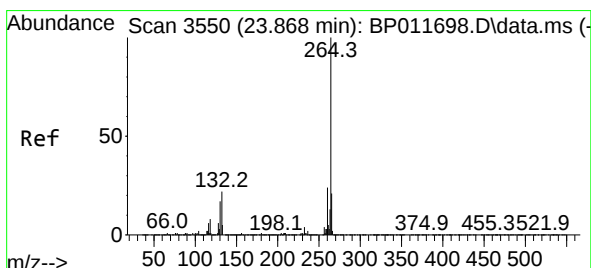
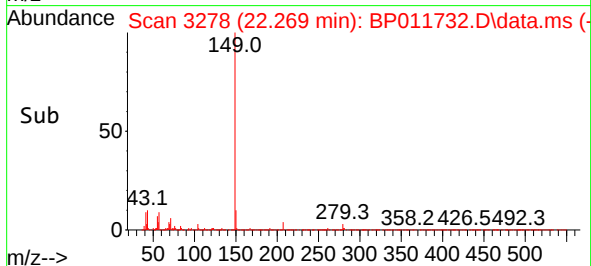
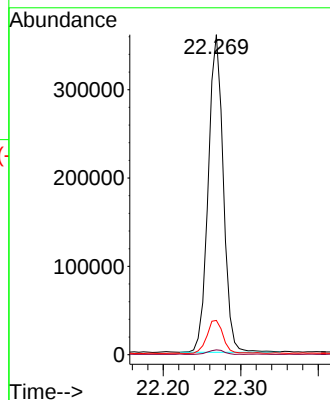
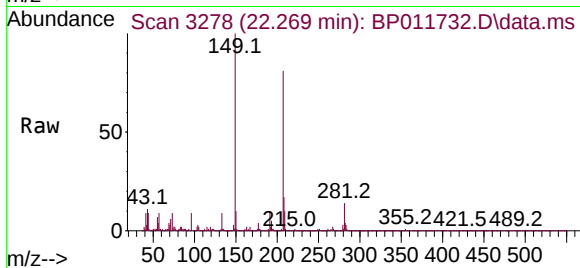
Tgt Ion:149 Resp: 484277

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

43 11.3 10.0 15.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.874 min Scan# 3551

Delta R.T. 0.006 min

Lab File: BP011732.D

Acq: 19 Sep 2022 12:42

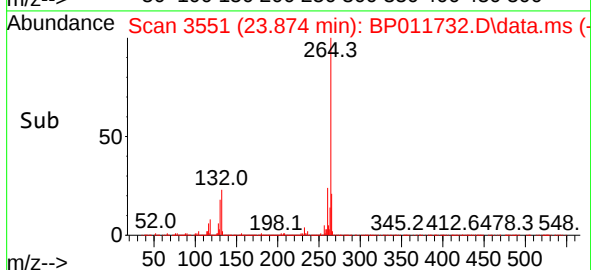
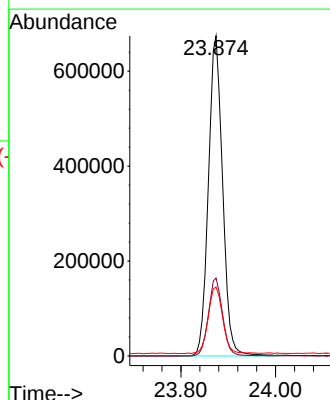
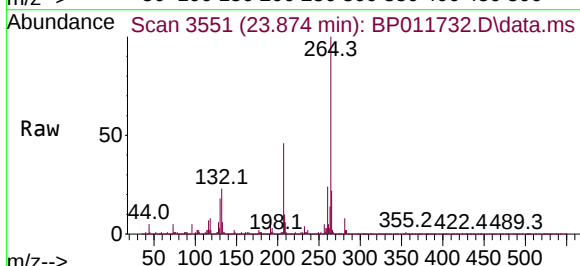
Tgt Ion:264 Resp: 1406724

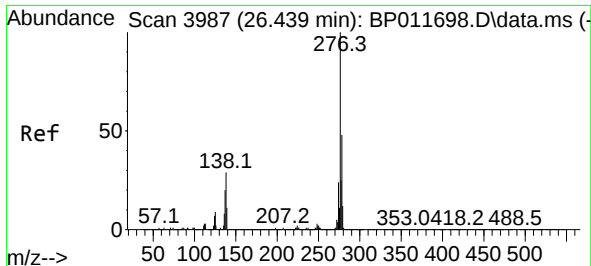
Ion Ratio Lower Upper

264 100

260 24.4 19.3 28.9

265 21.6 18.0 27.0

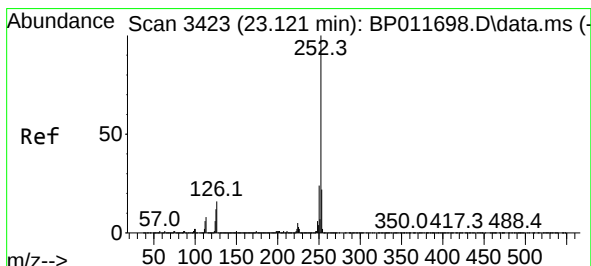
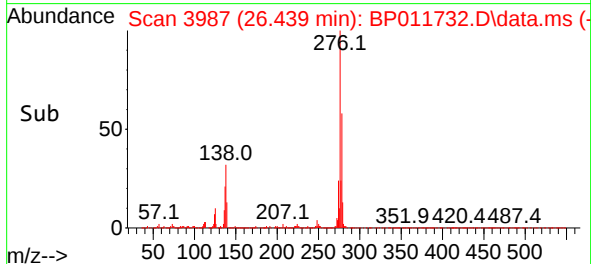
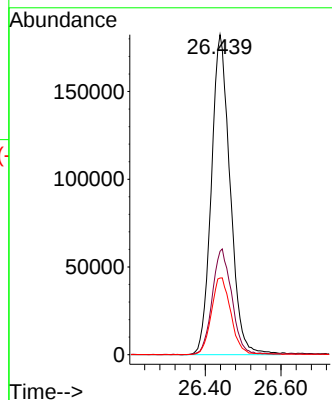
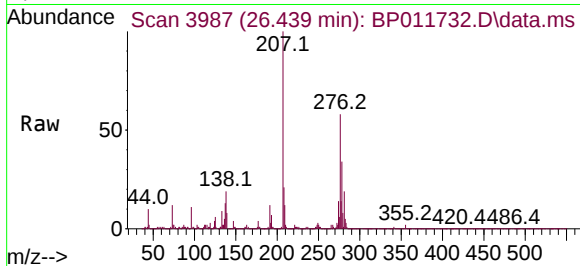




#87
Indeno(1,2,3-cd)pyrene
Concen: 6.185 ng
RT: 26.439 min Scan# 3422
Delta R.T. 0.000 min
Lab File: BP011732.D
Acq: 19 Sep 2022 12:42

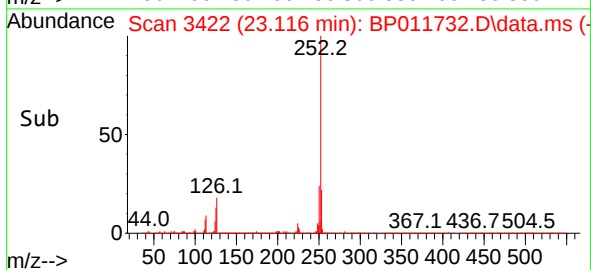
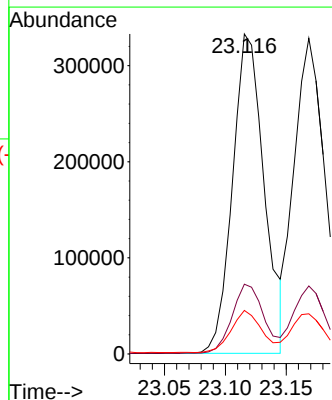
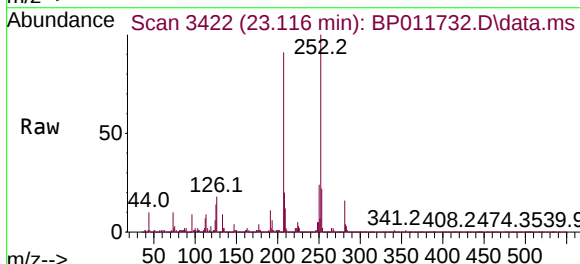
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT3-2022

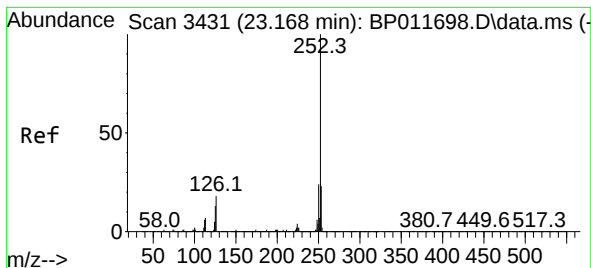
Tgt Ion: 276 Resp: 626779
Ion Ratio Lower Upper
276 100
138 34.1 17.5 26.3#
277 24.9 20.2 30.4



#88
Benzo(b)fluoranthene
Concen: 6.908 ng
RT: 23.116 min Scan# 3422
Delta R.T. -0.006 min
Lab File: BP011732.D
Acq: 19 Sep 2022 12:42

Tgt Ion: 252 Resp: 601045
Ion Ratio Lower Upper
252 100
253 21.8 17.8 26.6
125 13.6 7.0 10.6#





#89

Benzo(k)fluoranthene

Concen: 6.703 ng

RT: 23.168 min Scan# 3431

Delta R.T. 0.000 min

Lab File: BP011732.D

Acq: 19 Sep 2022 12:42

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-03-QT3-2022

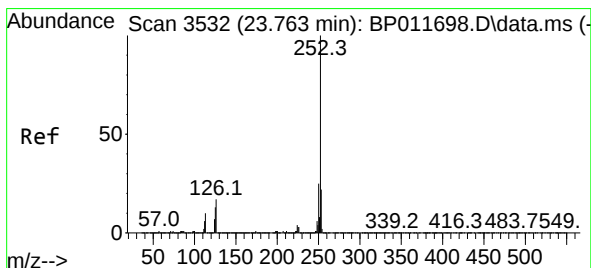
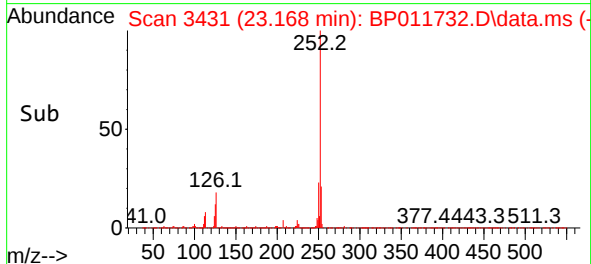
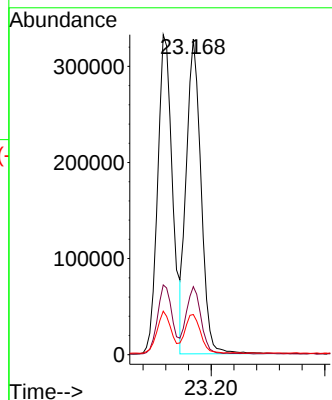
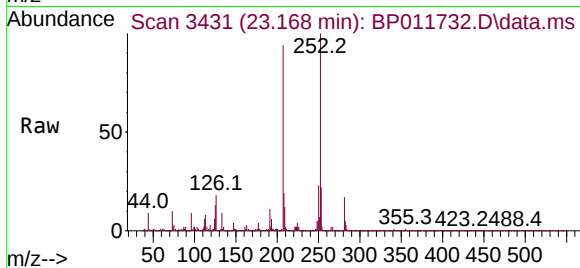
Tgt Ion:252 Resp: 587708

Ion Ratio Lower Upper

252 100

253 21.6 17.2 25.8

125 12.7 7.0 10.4#



#90

Benzo(a)pyrene

Concen: 6.755 ng

RT: 23.763 min Scan# 3532

Delta R.T. 0.000 min

Lab File: BP011732.D

Acq: 19 Sep 2022 12:42

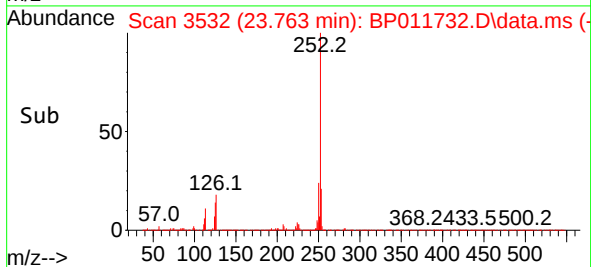
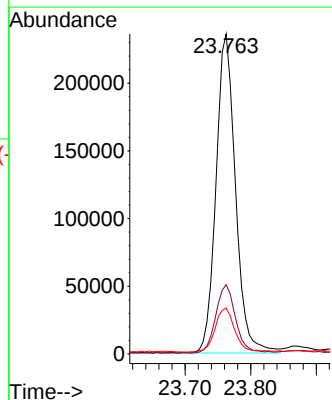
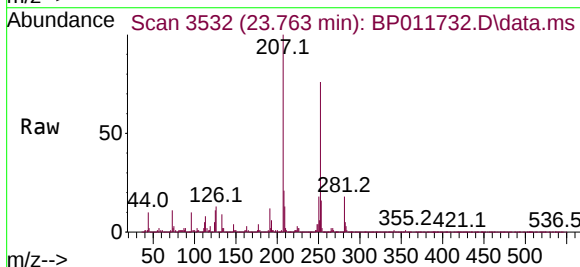
Tgt Ion:252 Resp: 485537

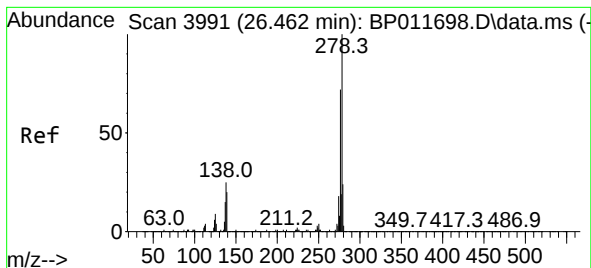
Ion Ratio Lower Upper

252 100

253 21.7 17.0 25.6

125 14.3 7.9 11.9#





#91

Dibenzo(a,h)anthracene

Concen: 6.616 ng

RT: 26.462 min Scan# 3991

Delta R.T. 0.000 min

Lab File: BP011732.D

Acq: 19 Sep 2022 12:42

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-03-QT3-2022

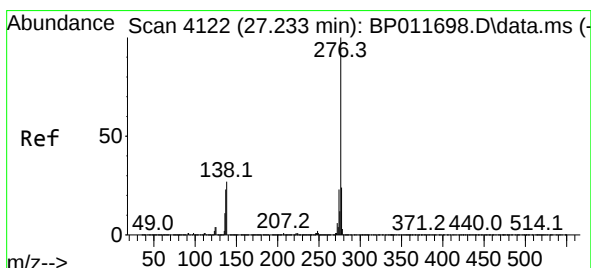
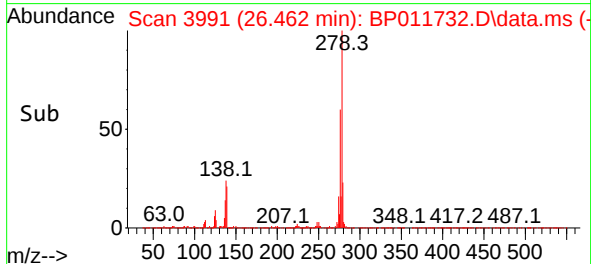
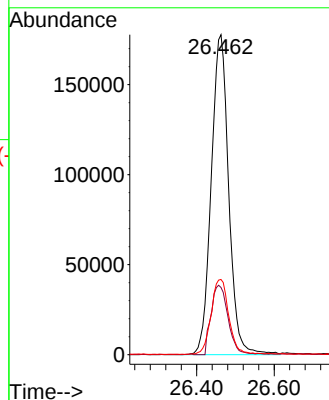
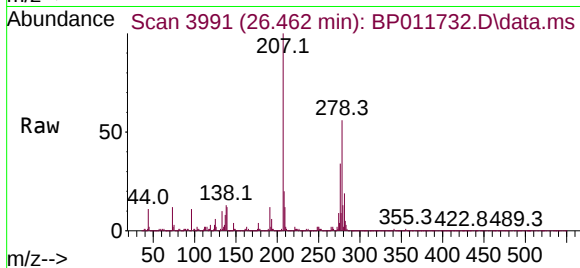
Tgt Ion:278 Resp: 556785

Ion Ratio Lower Upper

278 100

139 21.0 11.4 17.0#

279 23.5 19.2 28.8



#92

Benzo(g,h,i)perylene

Concen: 6.695 ng

RT: 27.227 min Scan# 4121

Delta R.T. -0.006 min

Lab File: BP011732.D

Acq: 19 Sep 2022 12:42

Tgt Ion:276 Resp: 549302

Ion Ratio Lower Upper

276 100

277 23.8 18.7 28.1

138 25.9 15.2 22.8#

