

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020624\
 Data File : BP019572.D
 Acq On : 06 Feb 2024 14:11
 Operator : MA/JU
 Sample : P1187-03
 Misc : MDL-MDL-SOIL-4PPM
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MDL-SOIL-03-QT1-2024

Quant Time: Feb 07 01:39:45 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 01 00:51:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.910	152	69450	20.000	ng	0.00
21) Naphthalene-d8	10.704	136	304287	20.000	ng	-0.01
39) Acenaphthene-d10	14.539	164	228311	20.000	ng	-0.01
64) Phenanthrene-d10	17.298	188	554907	20.000	ng	0.00
76) Chrysene-d12	21.386	240	492595	20.000	ng	0.00
86) Perylene-d12	23.804	264	472059	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	566074	131.385	ng	0.00
7) Phenol-d6	7.075	99	783593	134.882	ng	-0.01
23) Nitrobenzene-d5	9.075	82	544113	77.483	ng	-0.01
42) 2,4,6-Tribromophenol	16.033	330	519486	155.838	ng	0.00
45) 2-Fluorobiphenyl	13.169	172	1389555	75.240	ng	-0.01
79) Terphenyl-d14	19.869	244	2714937	90.639	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.387	88	7461	4.495	ng	93
3) Pyridine	3.793	79	17243	3.831	ng	# 93
4) n-Nitrosodimethylamine	3.711	42	7433	3.794	ng	# 98
6) Aniline	7.240	93	27443	4.862	ng	96
8) 2-Chlorophenol	7.469	128	16760	3.789	ng	95
9) Benzaldehyde	7.057	77	20289	4.981	ng	95
10) Phenol	7.099	94	23980	4.142	ng	79
11) bis(2-Chloroethyl)ether	7.346	93	18566	4.121	ng	97
12) 1,3-Dichlorobenzene	7.793	146	20881	3.858	ng	99
13) 1,4-Dichlorobenzene	7.946	146	21625	3.944	ng	98
14) 1,2-Dichlorobenzene	8.257	146	20829	3.926	ng	96
15) Benzyl Alcohol	8.157	79	20324	4.378	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.446	45	19303	4.285	ng	98
17) 2-Methylphenol	8.352	107	15828	4.060	ng	98
18) Hexachloroethane	8.981	117	7807	3.673	ng	99
19) n-Nitroso-di-n-propyla...	8.722	70	17024	4.290	ng	96
20) 3+4-Methylphenols	8.681	107	21408	4.024	ng	93
22) Acetophenone	8.740	105	34240	3.950	ng	# 96
24) Nitrobenzene	9.116	77	28308	4.004	ng	99
25) Isophorone	9.640	82	47151	3.855	ng	98
26) 2-Nitrophenol	9.828	139	8738	3.241	ng	92
27) 2,4-Dimethylphenol	9.887	122	15223	4.416	ng	97
28) bis(2-Chloroethoxy)met...	10.134	93	27830	4.022	ng	95
29) 2,4-Dichlorophenol	10.357	162	18307	3.513	ng	91
30) 1,2,4-Trichlorobenzene	10.569	180	22700	3.553	ng	99
31) Naphthalene	10.757	128	62542	3.748	ng	97
32) Benzoic acid	9.946	122	8593	2.558	ng	92
33) 4-Chloroaniline	10.881	127	26511	4.296	ng	97
34) Hexachlorobutadiene	11.028	225	15703	3.317	ng	96
35) Caprolactam	11.645	113	5998	4.066	ng	88
36) 4-Chloro-3-methylphenol	11.993	107	21613	3.804	ng	91
37) 2-Methylnaphthalene	12.369	142	46089	3.991	ng	99
38) 1-Methylnaphthalene	12.581	142	45615	4.019	ng	95
40) 1,2,4,5-Tetrachloroben...	12.728	216	31568	3.585	ng	98
41) Hexachlorocyclopentadiene	12.698	237	14820	3.726	ng	94
43) 2,4,6-Trichlorophenol	12.975	196	17439	3.271	ng	94

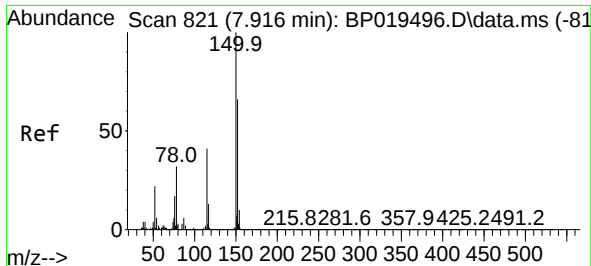
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.040	196	19600	3.348	ng	93
46) 1,1'-Biphenyl	13.381	154	67777	3.719	ng	98
47) 2-Chloronaphthalene	13.416	162	52507	3.510	ng	99
48) 2-Nitroaniline	13.628	65	13652	3.264	ng	91
49) Acenaphthylene	14.263	152	82369	3.925	ng	97
50) Dimethylphthalate	14.010	163	70235	4.019	ng	99
51) 2,6-Dinitrotoluene	14.128	165	13464	3.506	ng	97
52) Acenaphthene	14.604	154	49272	3.783	ng	98
53) 3-Nitroaniline	14.457	138	13361	3.786	ng	99
54) 2,4-Dinitrophenol	14.663	184	5677	2.847	ng #	85
55) Dibenzofuran	14.939	168	85213	4.017	ng	99
56) 4-Nitrophenol	14.751	139	9589	3.315	ng	86
57) 2,4-Dinitrotoluene	14.910	165	17382	3.454	ng	94
58) Fluorene	15.592	166	68978	4.082	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.163	232	19033	3.865	ng	97
60) Diethylphthalate	15.375	149	71105	4.090	ng	99
61) 4-Chlorophenyl-phenyle...	15.592	204	38083	4.010	ng	99
62) 4-Nitroaniline	15.616	138	12330	3.333	ng	88
63) Azobenzene	15.886	77	64501	3.837	ng	99
65) 4,6-Dinitro-2-methylph...	15.669	198	8671	2.740	ng	90
66) n-Nitrosodiphenylamine	15.804	169	58345	3.511	ng	98
67) 4-Bromophenyl-phenylether	16.492	248	23615	3.404	ng	97
68) Hexachlorobenzene	16.586	284	28962	3.575	ng	98
69) Atrazine	16.763	200	24137	4.377	ng	98
70) Pentachlorophenol	16.939	266	13967	2.769	ng	98
71) Phenanthrene	17.339	178	114126	3.908	ng	98
72) Anthracene	17.428	178	111855	3.840	ng	98
73) Carbazole	17.704	167	97017	3.666	ng	99
74) Di-n-butylphthalate	18.269	149	112288	3.509	ng	99
75) Fluoranthene	19.304	202	133041	3.729	ng	100
77) Benzidine	19.498	184	50039	4.859	ng	99
78) Pyrene	19.657	202	139681	4.018	ng	99
80) Butylbenzylphthalate	20.551	149	42350	3.262	ng	99
81) Benzo(a)anthracene	21.368	228	133456	3.849	ng	98
82) 3,3'-Dichlorobenzidine	21.310	252	41204	3.261	ng	99
83) Chrysene	21.421	228	119056	3.616	ng	99
84) Bis(2-ethylhexyl)phtha...	21.321	149	64539	3.265	ng #	99
85) Di-n-octyl phthalate	22.263	149	84507	2.430	ng	99
87) Indeno(1,2,3-cd)pyrene	26.321	276	117827	3.261	ng	98
88) Benzo(b)fluoranthene	23.115	252	103571	3.481	ng	99
89) Benzo(k)fluoranthene	23.115	252	103571	3.644	ng	99
90) Benzo(a)pyrene	23.692	252	92872	3.508	ng	96
91) Dibenzo(a,h)anthracene	26.351	278	99027	3.332	ng #	95
92) Benzo(g,h,i)perylene	27.086	276	96814	3.211	ng #	96

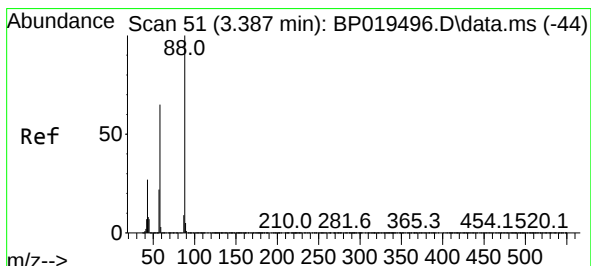
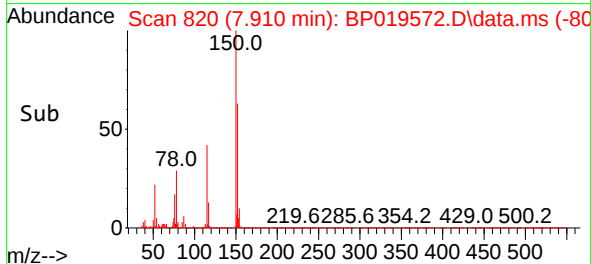
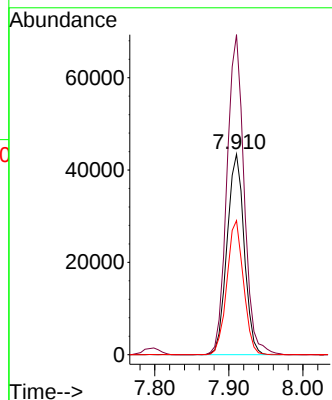
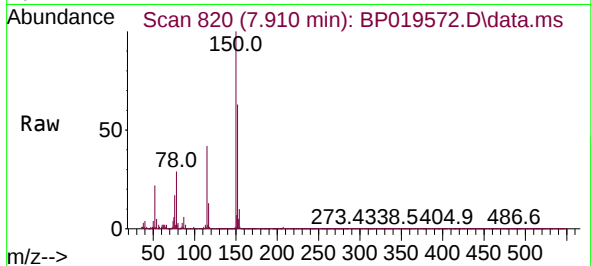
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.910 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP019572.D
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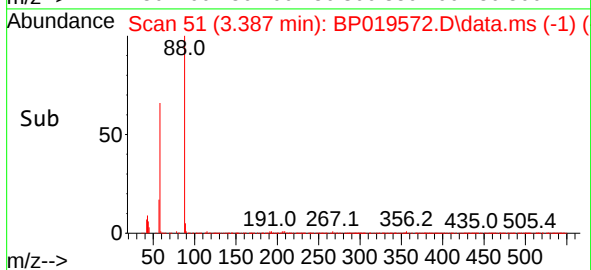
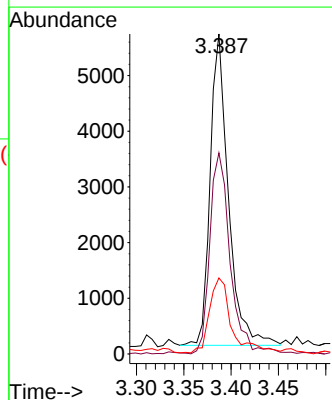
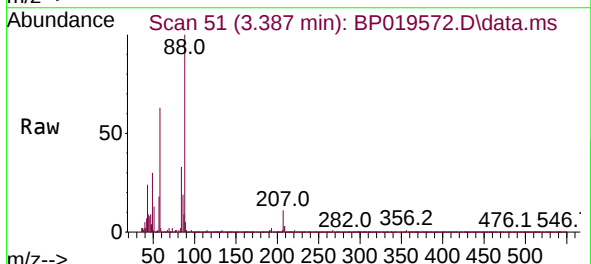
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ClientSampleId :
MDL-SOIL-03-QT1-2024

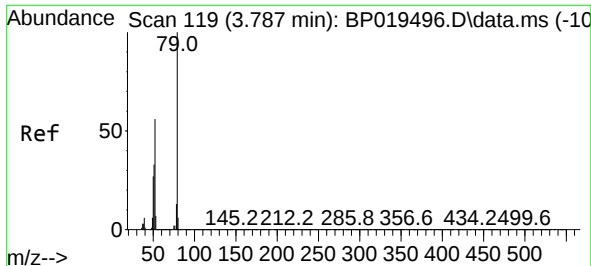
Tgt Ion:152 Resp: 69450
Ion Ratio Lower Upper
152 100
150 159.6 121.8 182.8
115 66.9 49.9 74.9



#2
1,4-Dioxane
Concen: 4.495 ng
RT: 3.387 min Scan# 51
Delta R.T. 0.000 min
Lab File: BP019572.D
Acq: 06 Feb 2024 14:11

Tgt Ion: 88 Resp: 7461
Ion Ratio Lower Upper
88 100
58 72.3 52.6 78.8
43 28.7 21.9 32.9





#3

Pyridine

Concen: 3.831 ng

RT: 3.793 min Scan# 119

Delta R.T. 0.006 min

Lab File: BP019572.D

Acq: 06 Feb 2024 14:11

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-03-QT1-2024

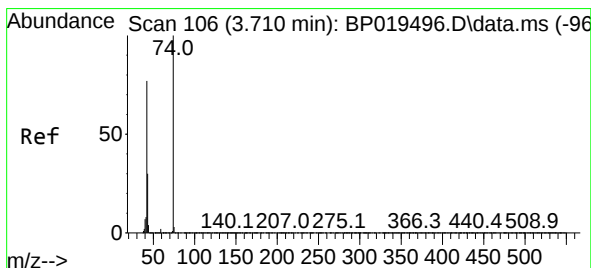
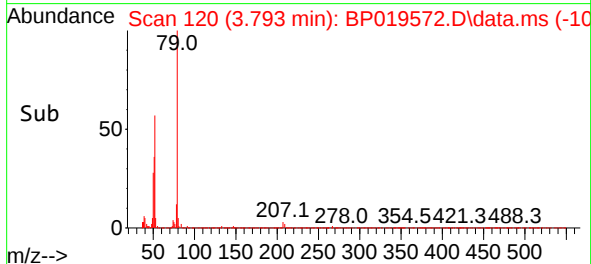
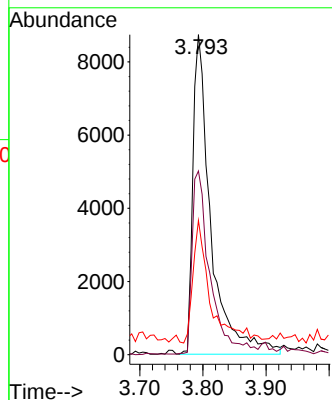
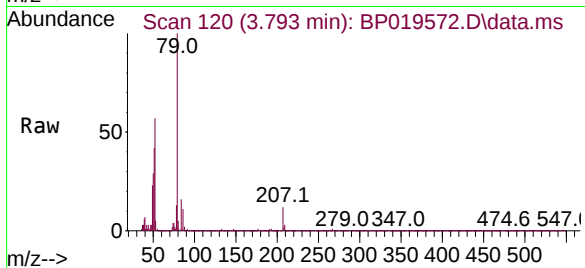
Tgt Ion: 79 Resp: 17243

Ion Ratio Lower Upper

79 100

52 57.4 45.0 67.6

51 42.0 26.8 40.2#



#4

n-Nitrosodimethylamine

Concen: 3.794 ng

RT: 3.711 min Scan# 106

Delta R.T. 0.000 min

Lab File: BP019572.D

Acq: 06 Feb 2024 14:11

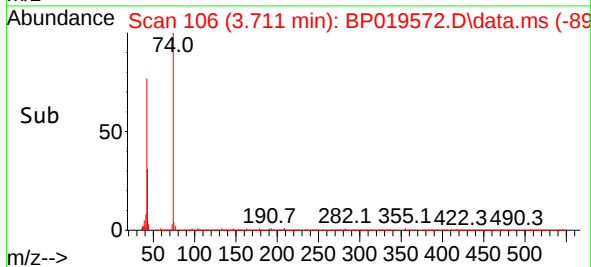
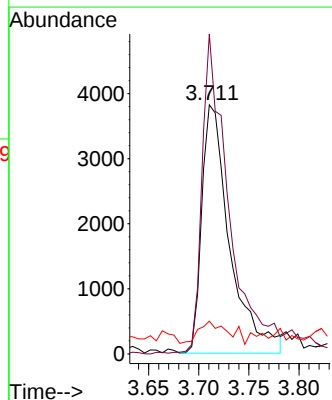
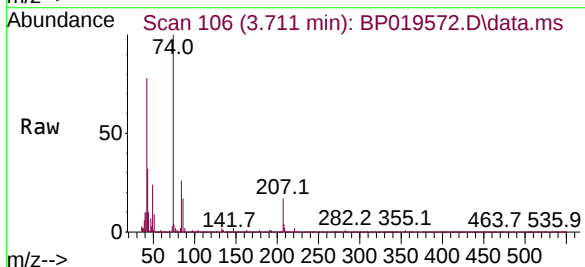
Tgt Ion: 42 Resp: 7433

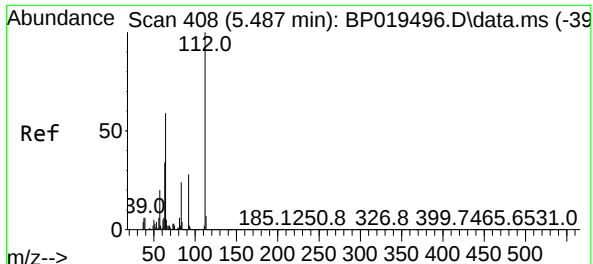
Ion Ratio Lower Upper

42 100

74 128.5 103.4 155.2

44 13.2 4.8 7.2#

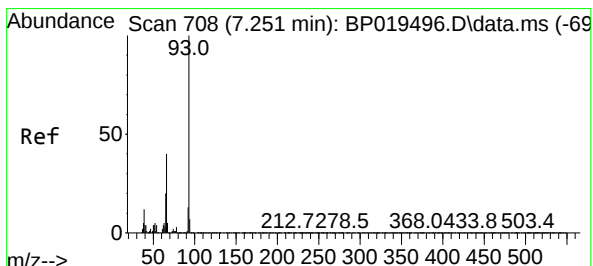
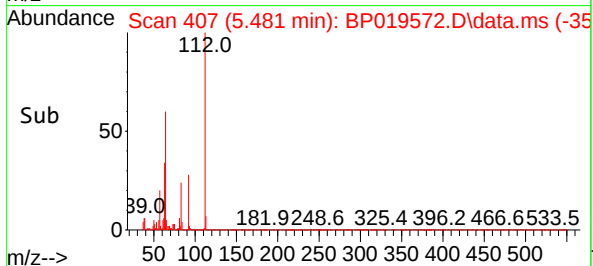
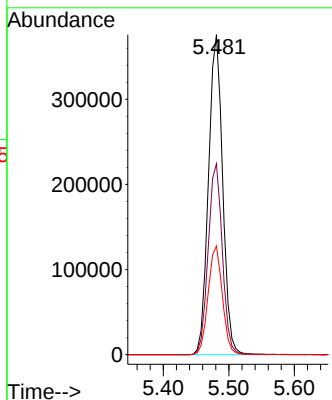
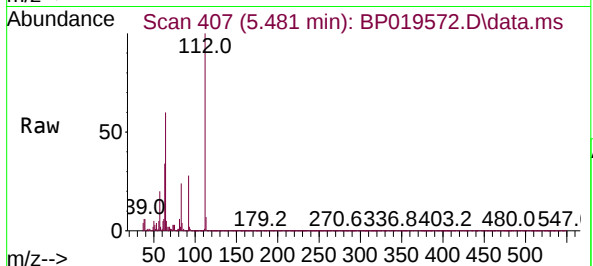




#5
2-Fluorophenol
Concen: 131.385 ng
RT: 5.481 min Scan# 408
Delta R.T. -0.006 min
Lab File: BP019572.D
Acq: 06 Feb 2024 14:11

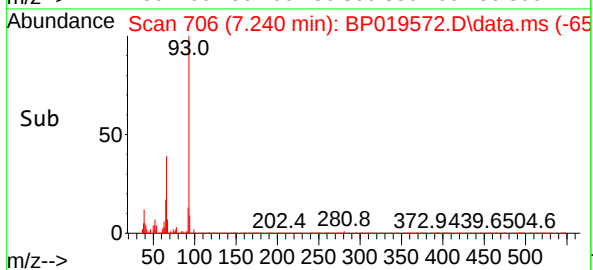
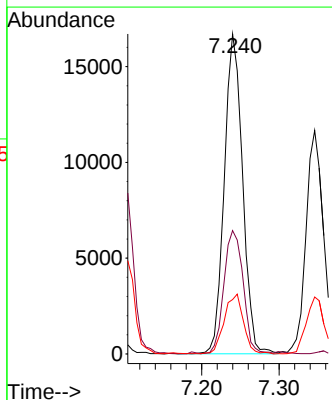
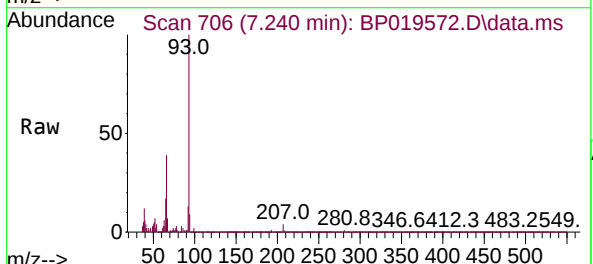
Instrument :
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Tgt Ion:112 Resp: 566074
Ion Ratio Lower Upper
112 100
64 59.7 47.4 71.0
63 34.0 27.0 40.6



#6
Aniline
Concen: 4.862 ng
RT: 7.240 min Scan# 706
Delta R.T. -0.012 min
Lab File: BP019572.D
Acq: 06 Feb 2024 14:11

Tgt Ion: 93 Resp: 27443
Ion Ratio Lower Upper
93 100
66 38.6 32.3 48.5
65 17.0 16.4 24.6

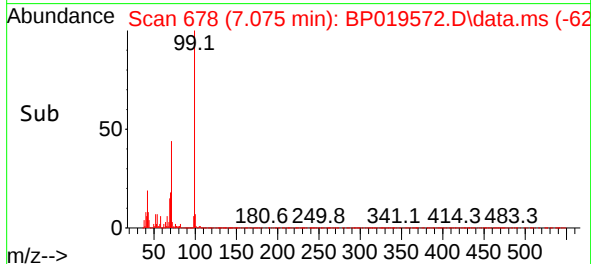
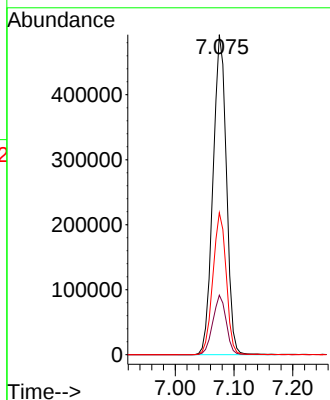
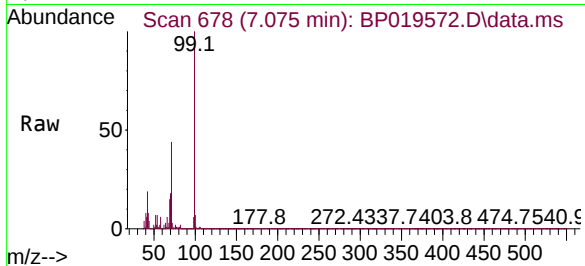




#7
Phenol-d6
Concen: 134.882 ng
RT: 7.075 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP019572.D
Acq: 06 Feb 2024 14:11

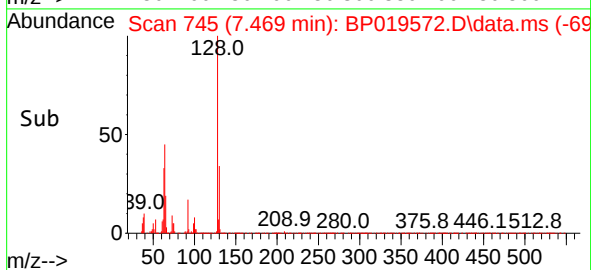
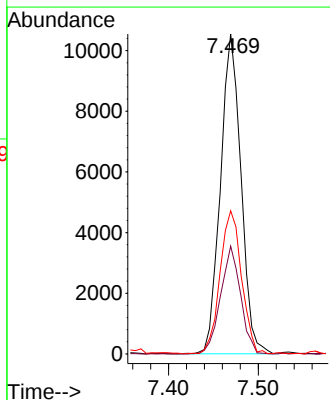
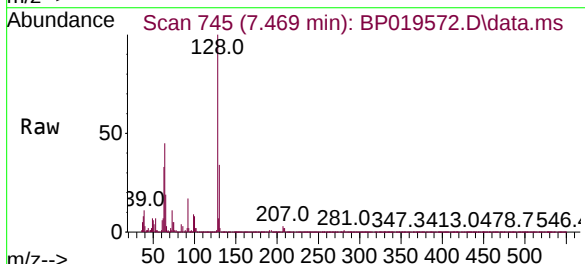
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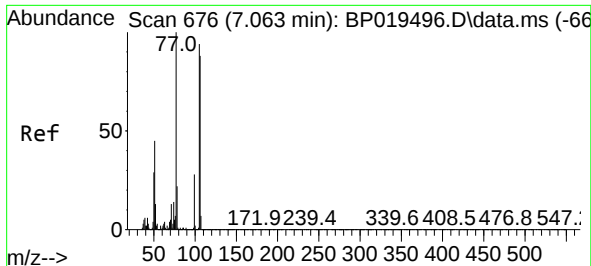
Tgt Ion: 99 Resp: 783593
Ion Ratio Lower Upper
99 100
42 18.6 14.7 22.1
71 44.3 34.8 52.2



#8
2-Chlorophenol
Concen: 3.789 ng
RT: 7.469 min Scan# 745
Delta R.T. -0.012 min
Lab File: BP019572.D
Acq: 06 Feb 2024 14:11

Tgt Ion:128 Resp: 16760
Ion Ratio Lower Upper
128 100
130 33.7 13.3 53.3
64 44.8 29.7 69.7

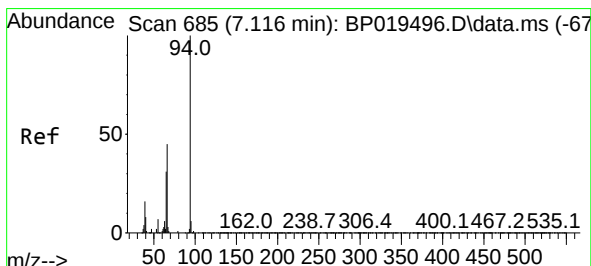
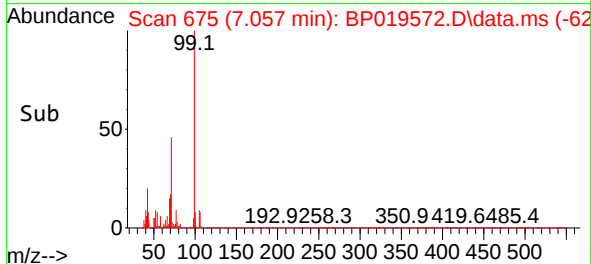
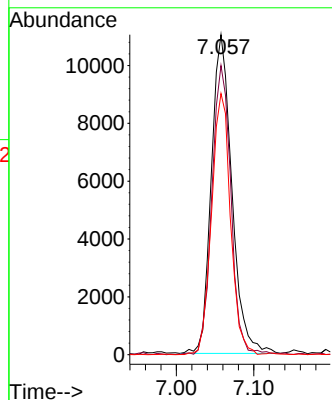
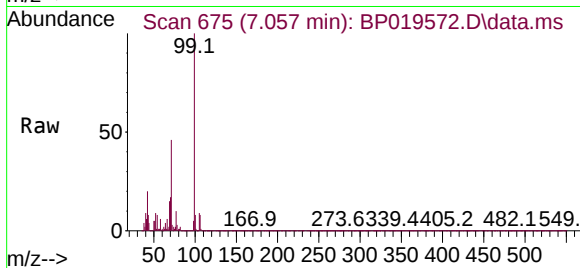




#9
Benzaldehyde
Concen: 4.981 ng
RT: 7.057 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP019572.D
Acq: 06 Feb 2024 14:11

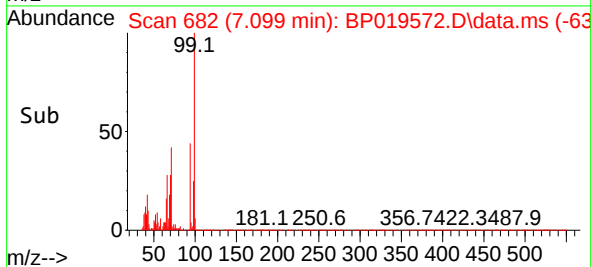
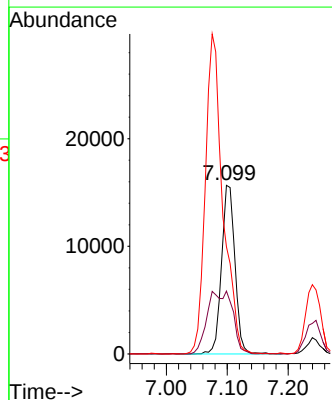
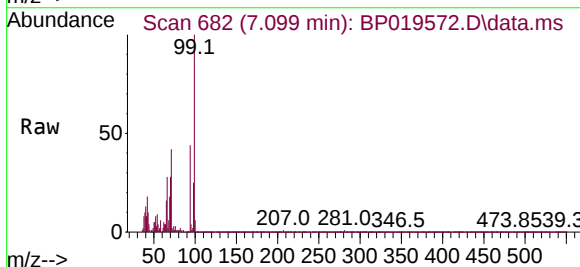
Instrument :
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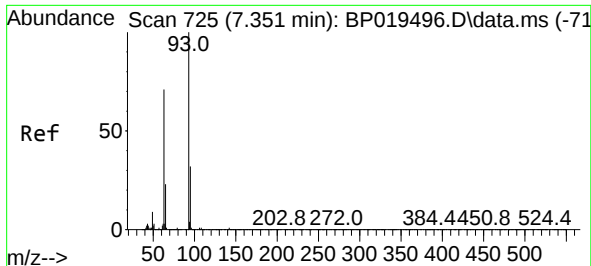
Tgt Ion: 77 Resp: 20289
Ion Ratio Lower Upper
77 100
105 90.3 74.0 114.0
106 81.6 67.8 107.8



#10
Phenol
Concen: 4.142 ng
RT: 7.099 min Scan# 682
Delta R.T. -0.017 min
Lab File: BP019572.D
Acq: 06 Feb 2024 14:11

Tgt Ion: 94 Resp: 23980
Ion Ratio Lower Upper
94 100
65 37.3 11.3 51.3
66 63.5 25.1 65.1

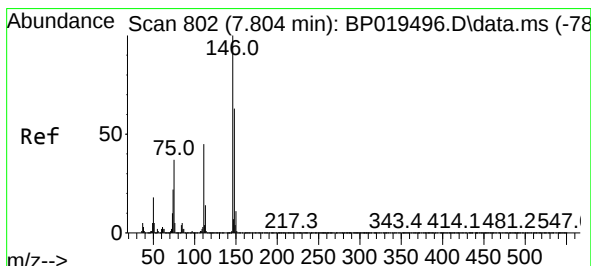
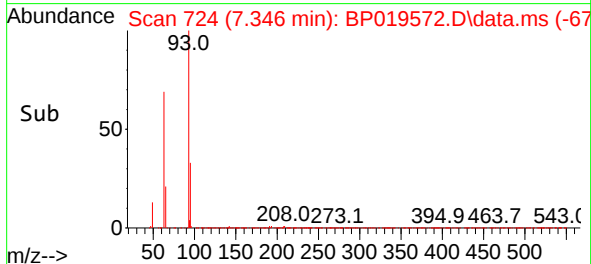
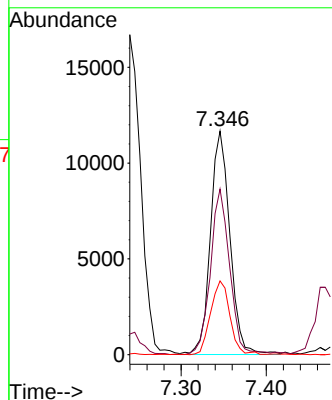
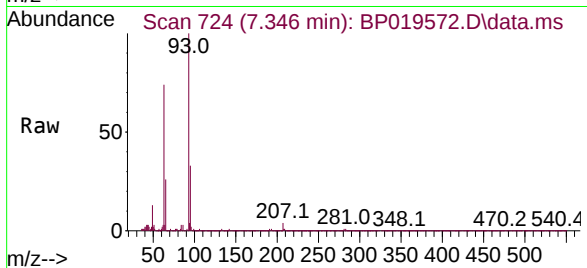




#11
bis(2-Chloroethyl)ether
Concen: 4.121 ng
RT: 7.346 min Scan# 71
Delta R.T. -0.006 min
Lab File: BP019572.D
Acq: 06 Feb 2024 14:11

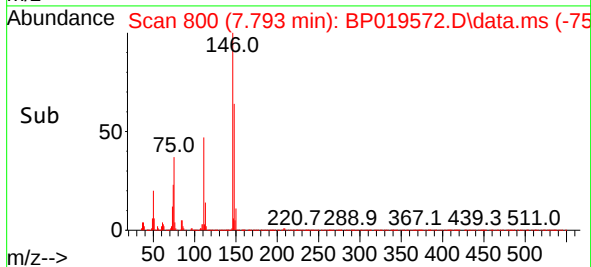
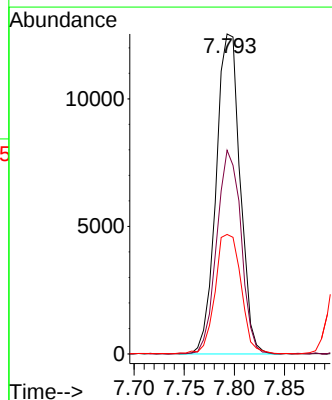
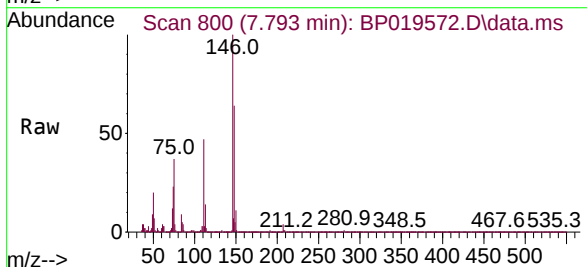
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT1-2024

Tgt Ion: 93 Resp: 18566
Ion Ratio Lower Upper
93 100
63 74.0 51.2 91.2
95 33.0 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 3.858 ng
RT: 7.793 min Scan# 800
Delta R.T. -0.012 min
Lab File: BP019572.D
Acq: 06 Feb 2024 14:11

Tgt Ion: 146 Resp: 20881
Ion Ratio Lower Upper
146 100
148 63.6 50.4 75.6
75 37.3 29.9 44.9

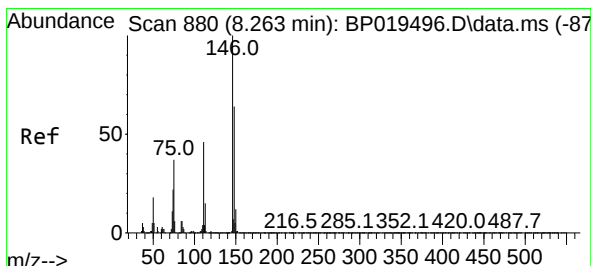
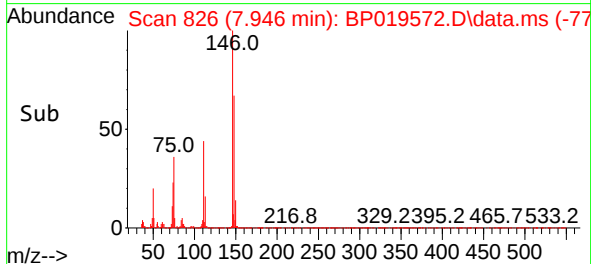
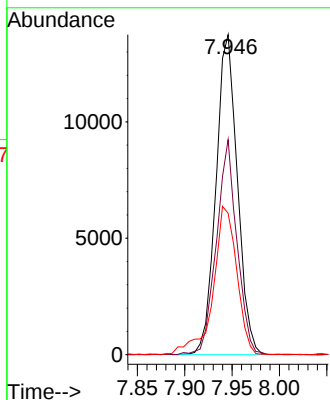
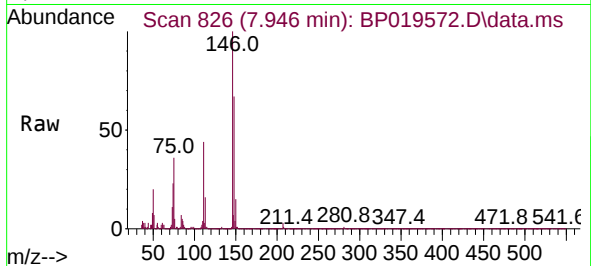




#13
1,4-Dichlorobenzene
Concen: 3.944 ng
RT: 7.946 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP019572.D
Acq: 06 Feb 2024 14:11

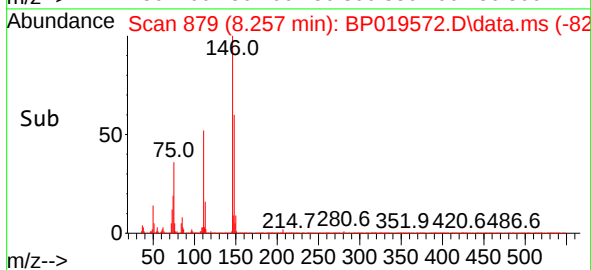
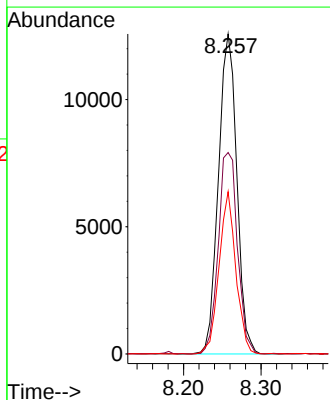
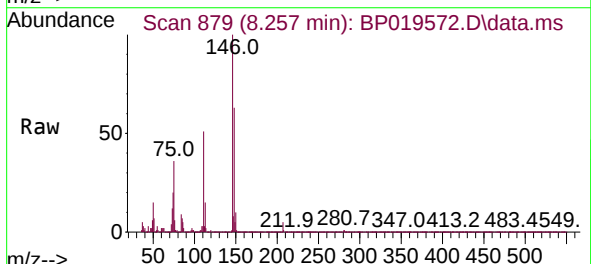
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT1-2024

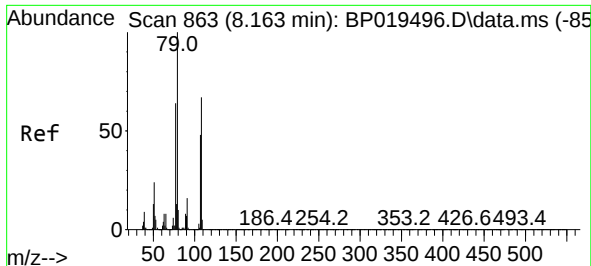
Tgt Ion:146 Resp: 21625
Ion Ratio Lower Upper
146 100
148 67.2 51.9 77.9
111 44.2 35.8 53.6



#14
1,2-Dichlorobenzene
Concen: 3.926 ng
RT: 8.257 min Scan# 879
Delta R.T. -0.006 min
Lab File: BP019572.D
Acq: 06 Feb 2024 14:11

Tgt Ion:146 Resp: 20829
Ion Ratio Lower Upper
146 100
148 63.0 51.4 77.0
111 50.7 37.0 55.6

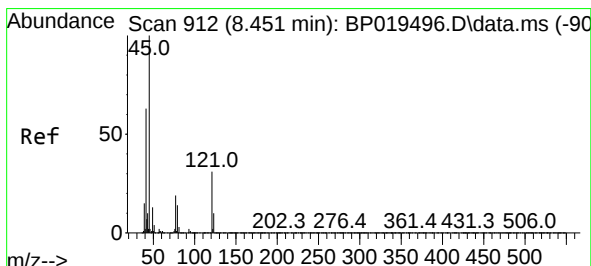
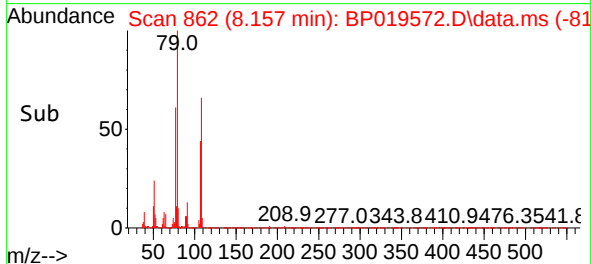
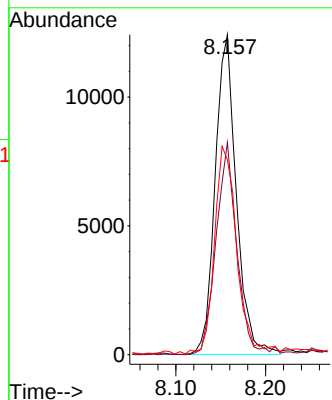
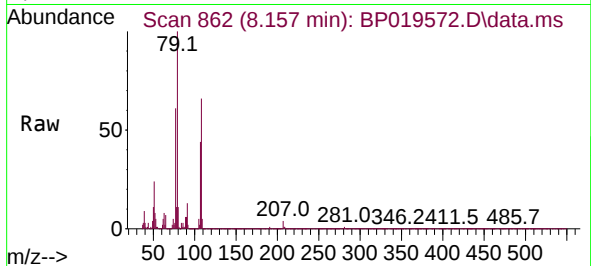




#15
Benzyl Alcohol
Concen: 4.378 ng
RT: 8.157 min Scan# 80
Delta R.T. -0.006 min
Lab File: BP019572.D
Acq: 06 Feb 2024 14:11

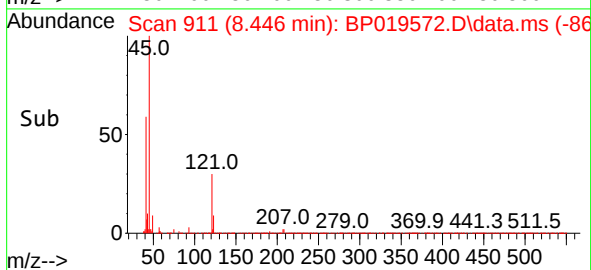
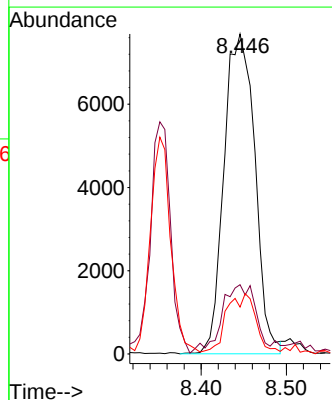
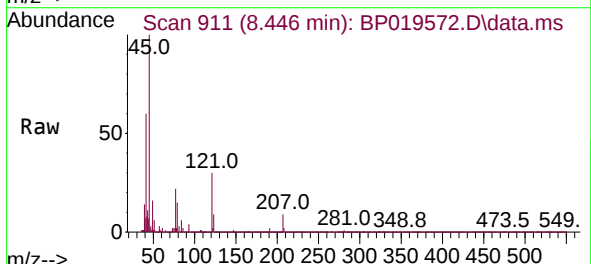
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT1-2024

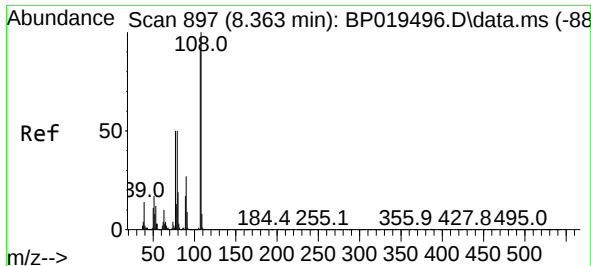
Tgt Ion: 79	Resp: 20324
Ion Ratio	Lower Upper
79 100	
108 66.3	53.8 80.6
77 60.9	51.3 76.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 4.285 ng
RT: 8.446 min Scan# 911
Delta R.T. -0.006 min
Lab File: BP019572.D
Acq: 06 Feb 2024 14:11

Tgt Ion: 45	Resp: 19303
Ion Ratio	Lower Upper
45 100	
77 21.7	0.8 40.8
79 14.7	0.0 35.5

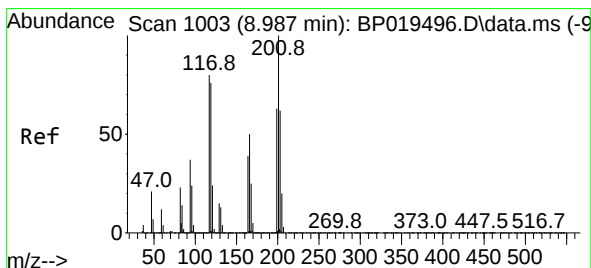
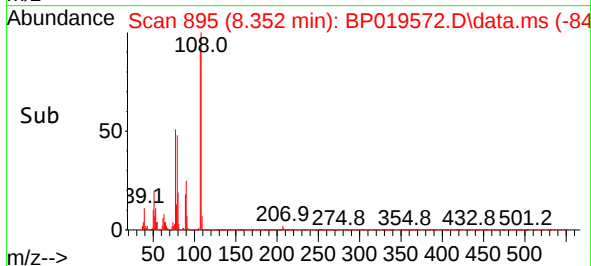
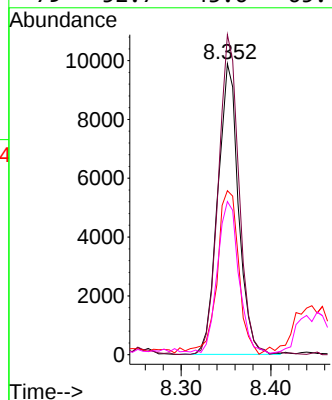
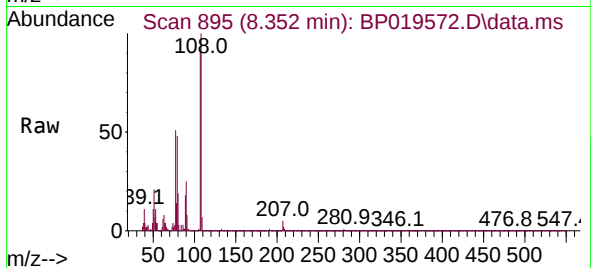




#17
2-Methylphenol
Concen: 4.060 ng
RT: 8.352 min Scan# 895
Delta R.T. -0.012 min
Lab File: BP019572.D
Acq: 06 Feb 2024 14:11

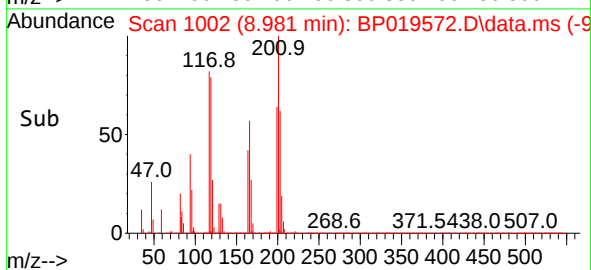
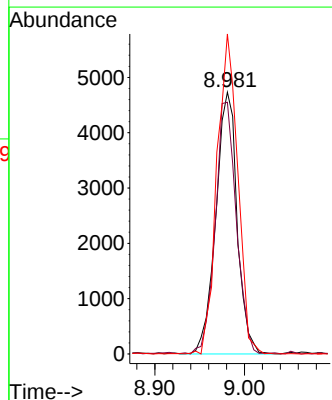
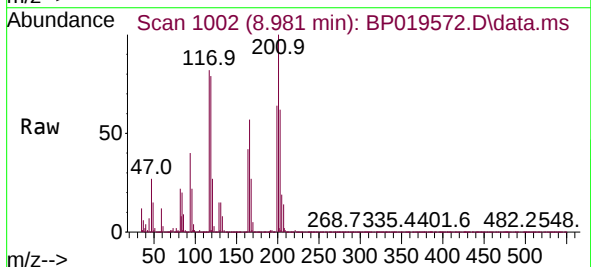
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT1-2024

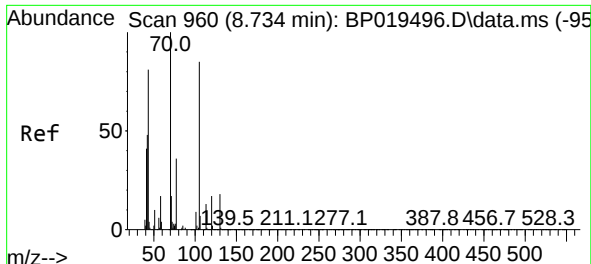
Tgt Ion:	107	Resp:	15828
Ion	Ratio	Lower	Upper
107	100		
108	110.0	87.0	130.6
77	56.4	43.5	65.3
79	52.7	43.6	65.4



#18
Hexachloroethane
Concen: 3.673 ng
RT: 8.981 min Scan# 1002
Delta R.T. -0.006 min
Lab File: BP019572.D
Acq: 06 Feb 2024 14:11

Tgt Ion:	117	Resp:	7807
Ion	Ratio	Lower	Upper
117	100		
119	96.2	75.5	113.3
201	124.7	99.4	149.2





#19

n-Nitroso-di-n-propylamine

Concen: 4.290 ng

RT: 8.722 min Scan# 91

Delta R.T. -0.012 min

Lab File: BP019572.D

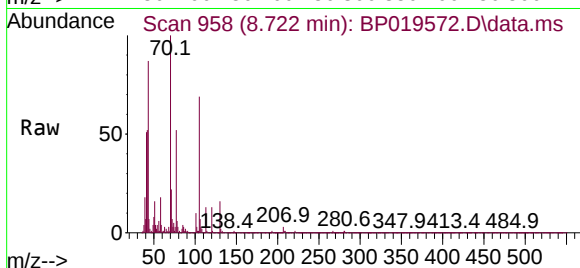
Acq: 06 Feb 2024 14:11

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-03-QT1-2024



Tgt Ion: 70 Resp: 17024

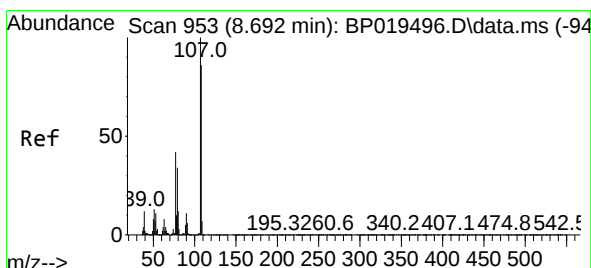
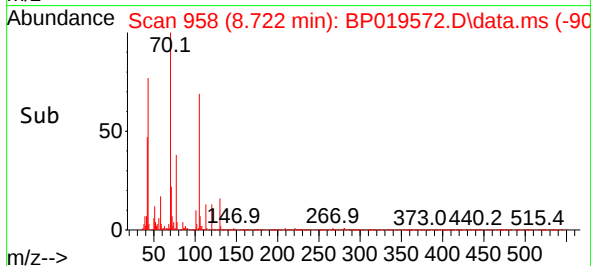
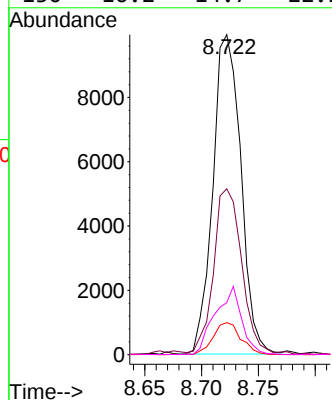
Ion	Ratio	Lower	Upper
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70	100		
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42	51.8	39.2	58.8
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101	10.0	7.3	10.9
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130	16.2	14.7	22.1
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#20

3+4-Methylphenols

Concen: 4.024 ng

RT: 8.681 min Scan# 951

Delta R.T. -0.012 min

Lab File: BP019572.D

Acq: 06 Feb 2024 14:11

Tgt Ion: 107 Resp: 21408

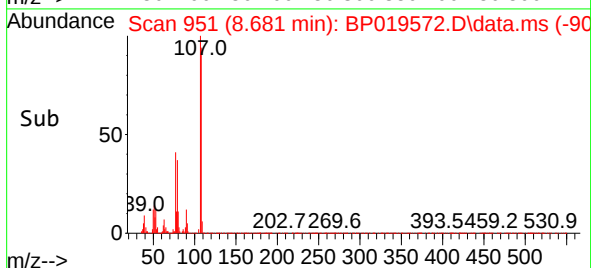
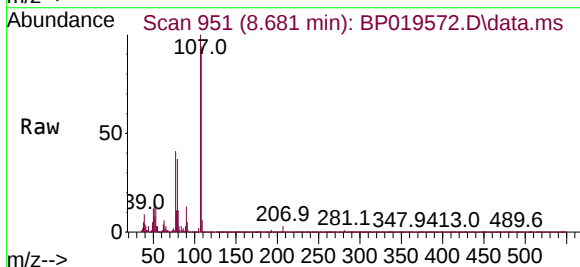
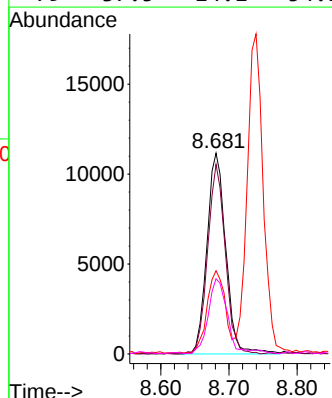
Ion	Ratio	Lower	Upper
-----	-------	-------	-------

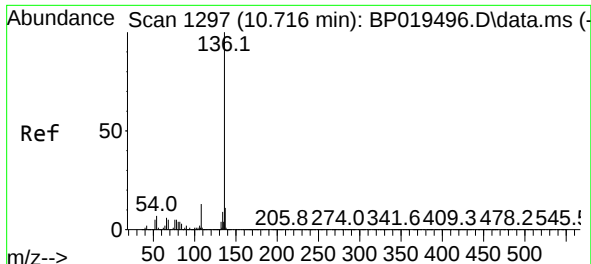
107	100		
-----	-----	--	--

108	94.4	65.5	105.5
-----	------	------	-------

77	41.4	21.8	61.8
----	------	------	------

79	37.5	14.1	54.1
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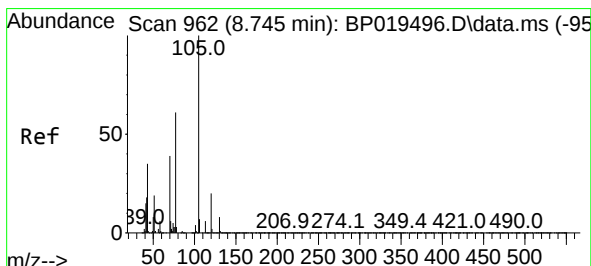
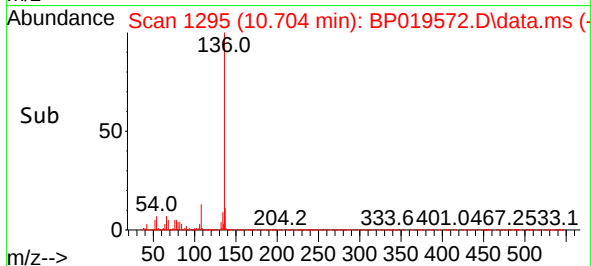
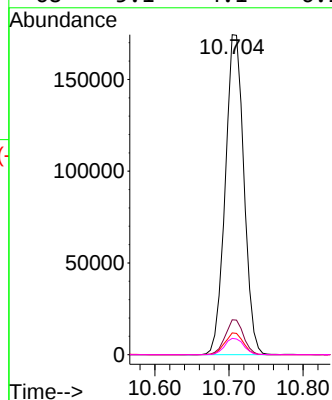
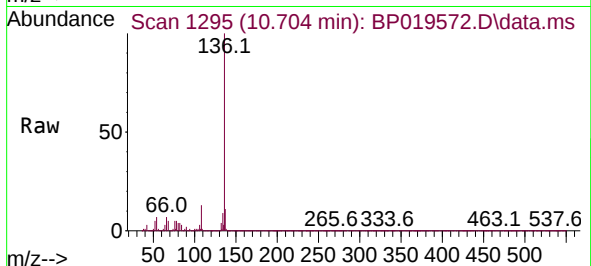




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.704 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP019572.D
Acq: 06 Feb 2024 14:11

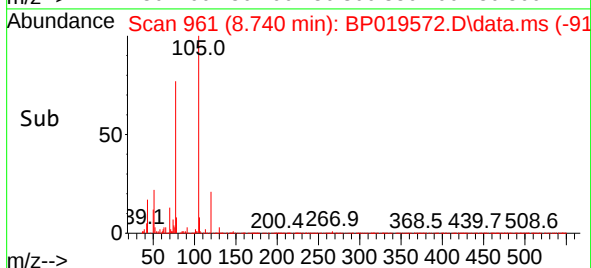
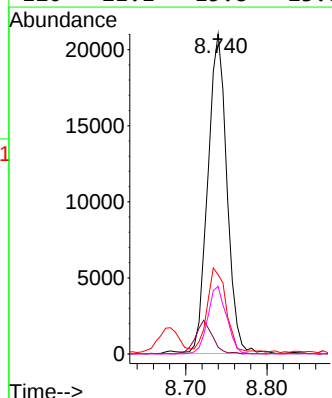
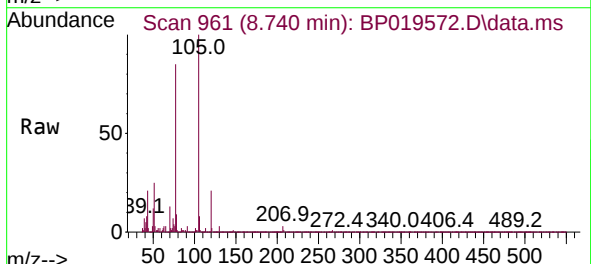
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT1-2024

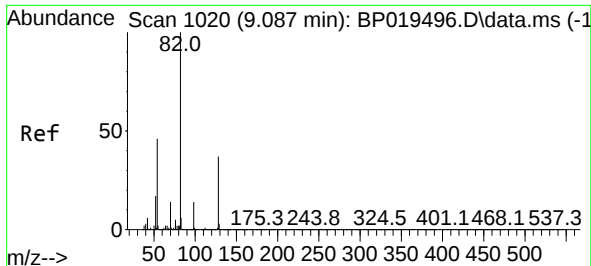
Tgt Ion:	136	Resp:	304287
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	6.8	5.3	7.9
68	5.1	4.1	6.1



#22
Acetophenone
Concen: 3.950 ng
RT: 8.740 min Scan# 961
Delta R.T. -0.006 min
Lab File: BP019572.D
Acq: 06 Feb 2024 14:11

Tgt Ion:	105	Resp:	34240
Ion	Ratio	Lower	Upper
105	100		
71	2.1	4.9	7.3
51	24.7	20.7	31.1
120	21.1	15.8	23.8





#23

Nitrobenzene-d5

Concen: 77.483 ng

RT: 9.075 min Scan# 1018

Delta R.T. -0.012 min

Lab File: BP019572.D

Acq: 06 Feb 2024 14:11

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-03-QT1-2024

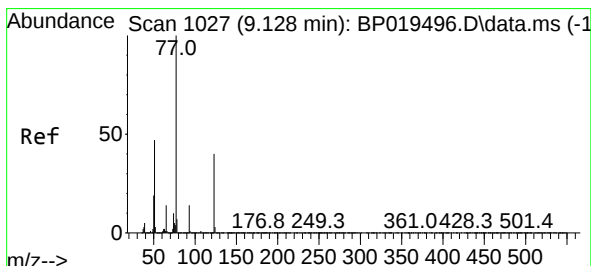
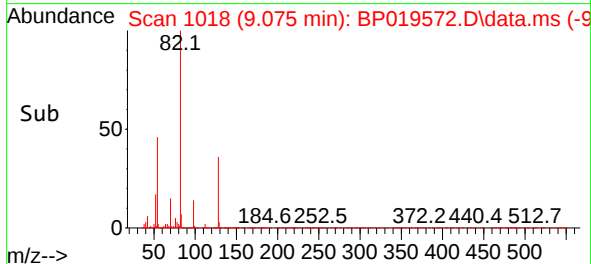
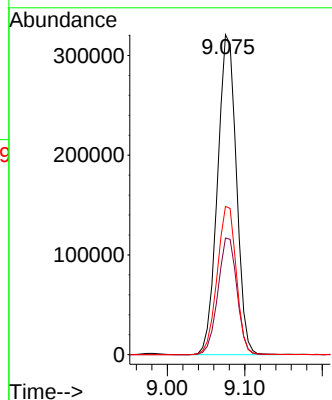
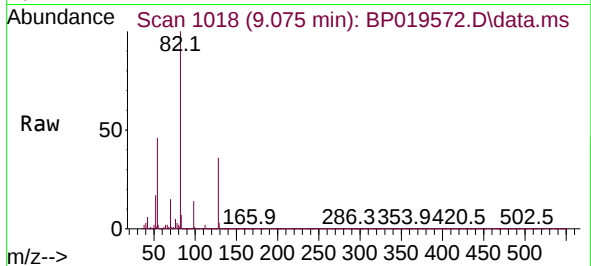
Tgt Ion: 82 Resp: 544113

Ion Ratio Lower Upper

82 100

128 36.5 29.7 44.5

54 46.4 36.8 55.2



#24

Nitrobenzene

Concen: 4.004 ng

RT: 9.116 min Scan# 1025

Delta R.T. -0.012 min

Lab File: BP019572.D

Acq: 06 Feb 2024 14:11

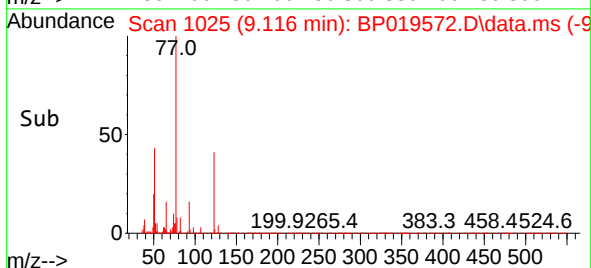
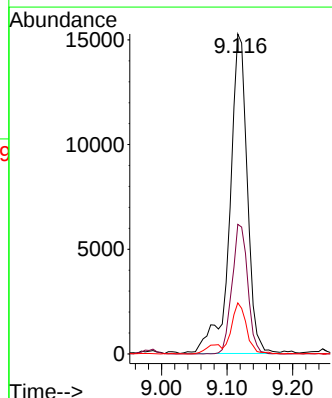
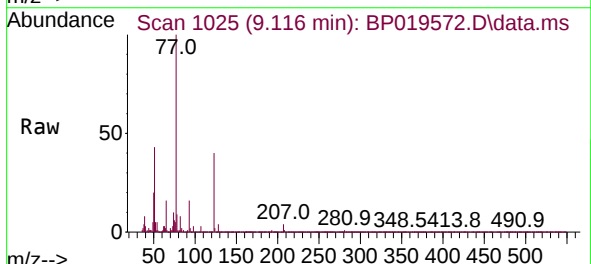
Tgt Ion: 77 Resp: 28308

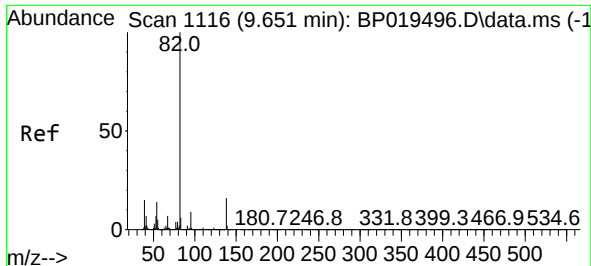
Ion Ratio Lower Upper

77 100

123 40.5 32.3 48.5

65 16.0 11.6 17.4

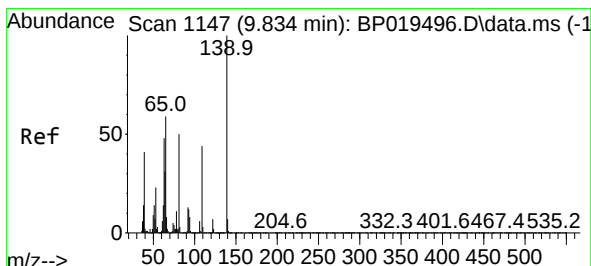
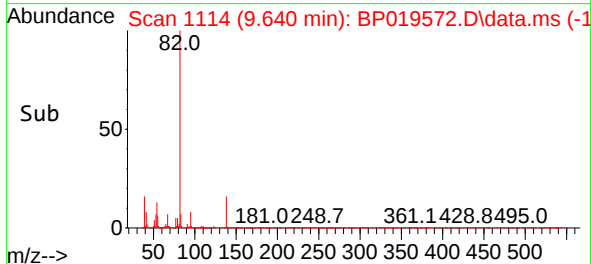
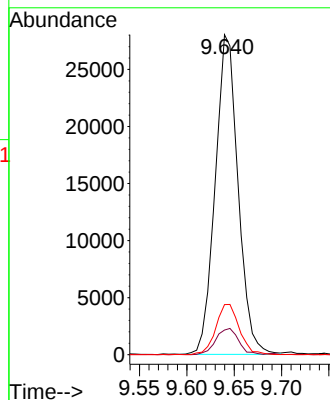
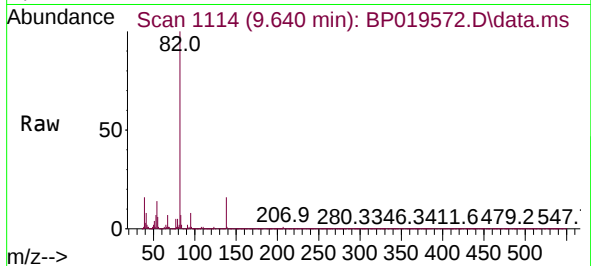




#25
Isophorone
Concen: 3.855 ng
RT: 9.640 min Scan# 1114
Delta R.T. -0.012 min
Lab File: BP019572.D
Acq: 06 Feb 2024 14:11

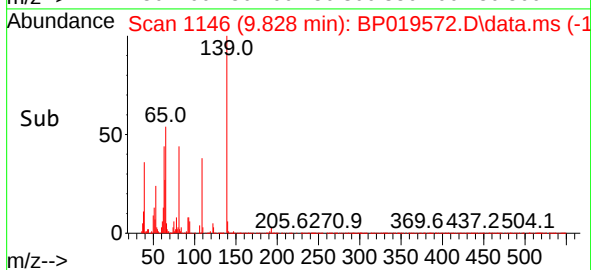
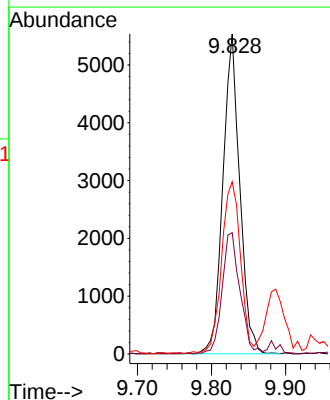
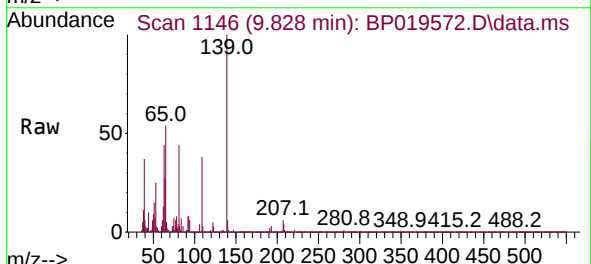
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT1-2024

Tgt Ion: 82	Resp: 47151
Ion Ratio	Lower Upper
82 100	
95 7.7	7.0 10.4
138 15.7	13.1 19.7



#26
2-Nitrophenol
Concen: 3.241 ng
RT: 9.828 min Scan# 1146
Delta R.T. -0.006 min
Lab File: BP019572.D
Acq: 06 Feb 2024 14:11

Tgt Ion: 139	Resp: 8738
Ion Ratio	Lower Upper
139 100	
109 37.9	34.9 52.3
65 53.8	47.5 71.3





#27

2,4-Dimethylphenol

Concen: 4.416 ng

RT: 9.887 min Scan# 1158

Delta R.T. -0.012 min

Lab File: BP019572.D

Acq: 06 Feb 2024 14:11

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-03-QT1-2024

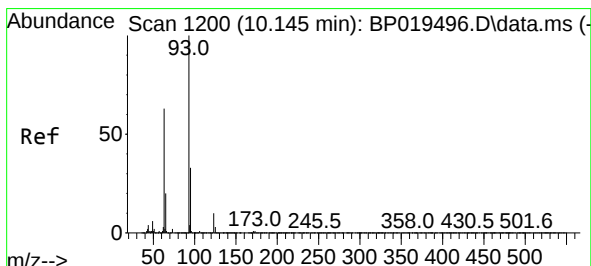
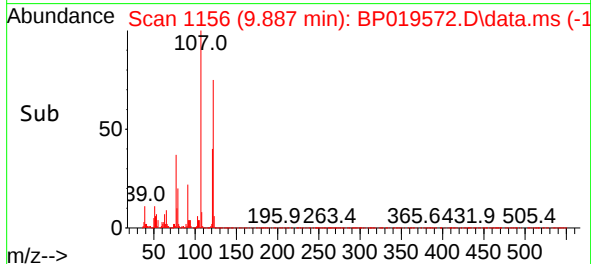
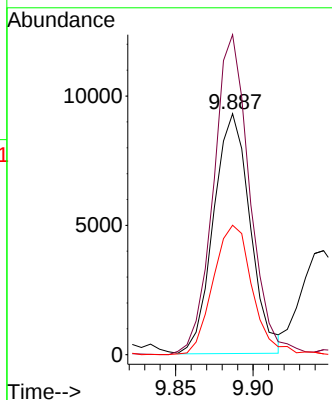
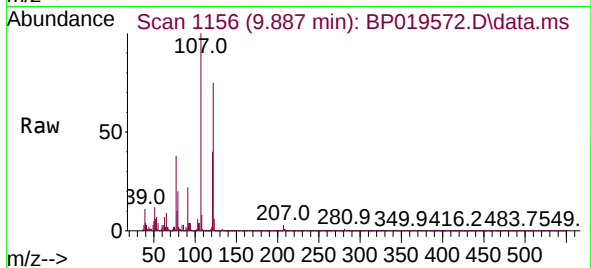
Tgt Ion:122 Resp: 15223

Ion Ratio Lower Upper

122 100

107 132.8 105.9 158.9

121 53.7 47.5 71.3



#28

bis(2-Chloroethoxy)methane

Concen: 4.022 ng

RT: 10.134 min Scan# 1198

Delta R.T. -0.012 min

Lab File: BP019572.D

Acq: 06 Feb 2024 14:11

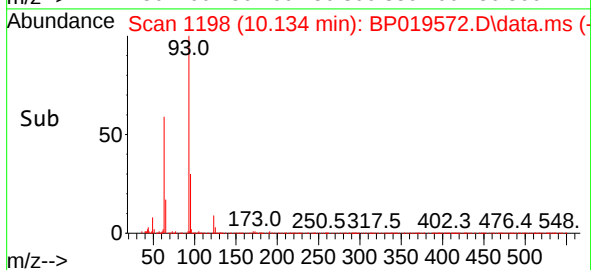
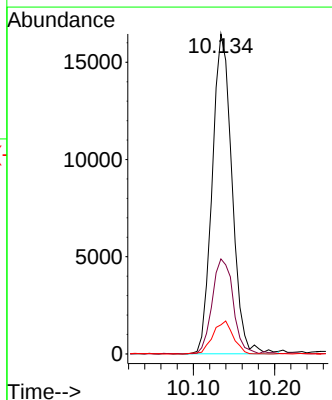
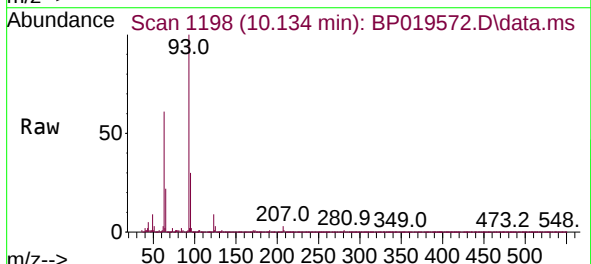
Tgt Ion: 93 Resp: 27830

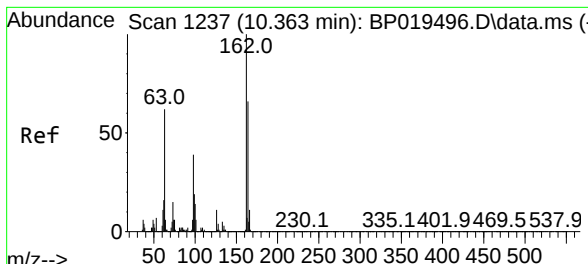
Ion Ratio Lower Upper

93 100

95 29.7 26.2 39.4

123 9.1 8.5 12.7

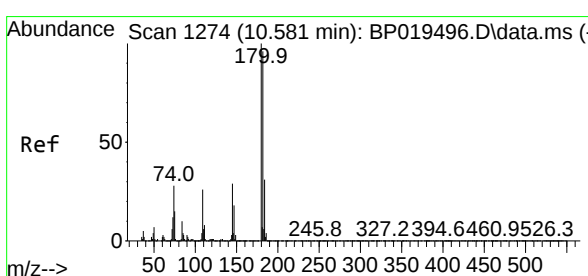
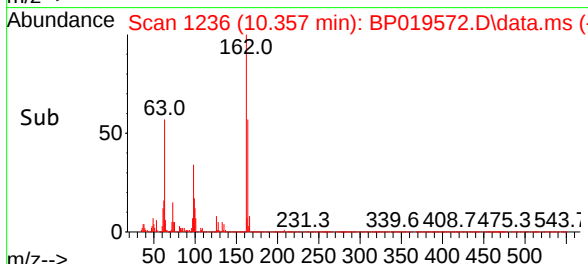
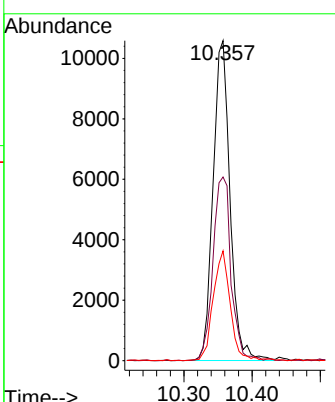
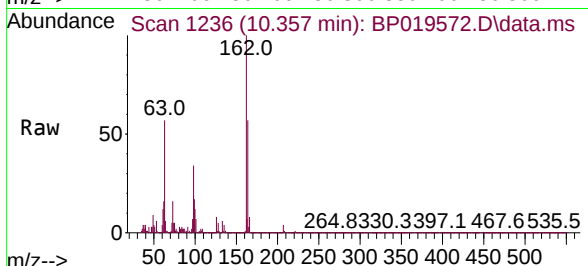




#29
 2,4-Dichlorophenol
 Concen: 3.513 ng
 RT: 10.357 min Scan# 1236
 Delta R.T. -0.006 min
 Lab File: BP019572.D
 Acq: 06 Feb 2024 14:11

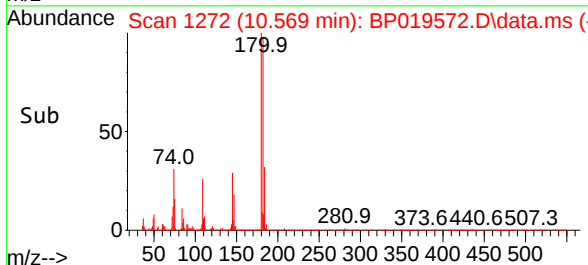
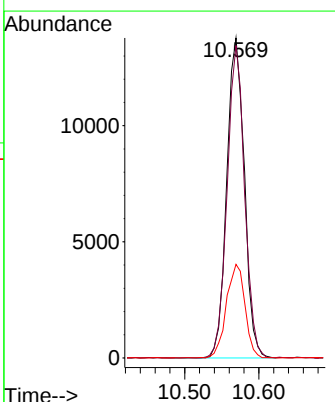
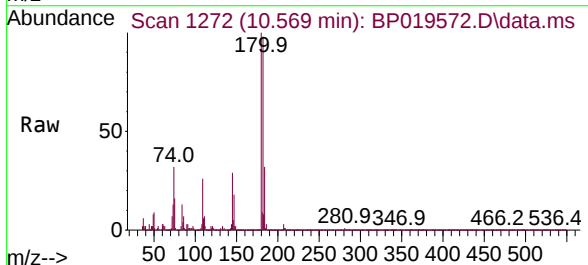
Instrument : BNA_P
 ClientSampleId : MDL-SOIL-03-QT1-2024

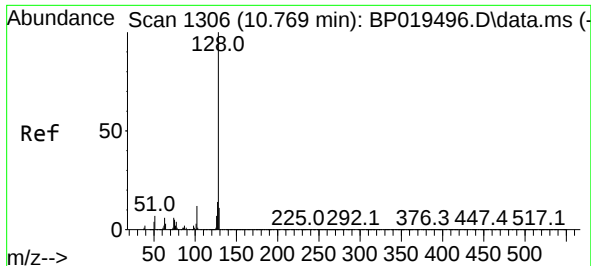
Tgt Ion:	162	Resp:	18307
Ion Ratio	Lower	Upper	
162	100		
164	57.4	46.0	86.0
98	34.3	18.7	58.7



#30
 1,2,4-Trichlorobenzene
 Concen: 3.553 ng
 RT: 10.569 min Scan# 1272
 Delta R.T. -0.012 min
 Lab File: BP019572.D
 Acq: 06 Feb 2024 14:11

Tgt Ion:	180	Resp:	22700
Ion Ratio	Lower	Upper	
180	100		
182	97.7	77.0	115.6
145	29.3	23.2	34.8

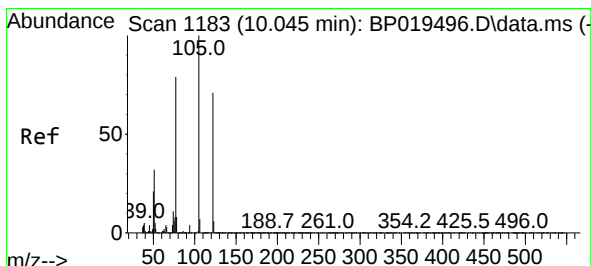
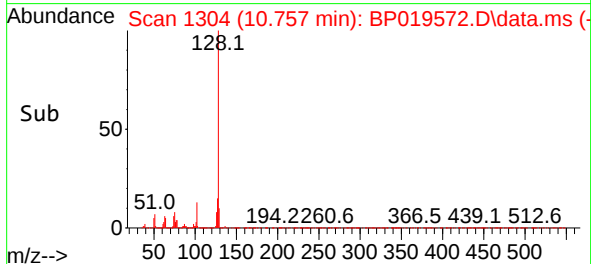
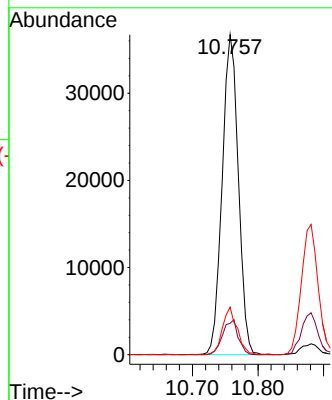
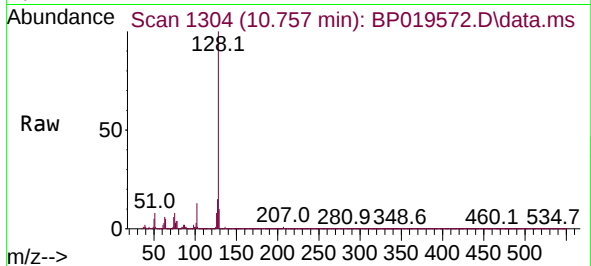




#31
Naphthalene
Concen: 3.748 ng
RT: 10.757 min Scan# 1166
Delta R.T. -0.012 min
Lab File: BP019572.D
Acq: 06 Feb 2024 14:11

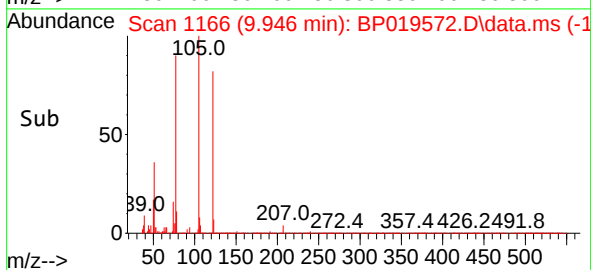
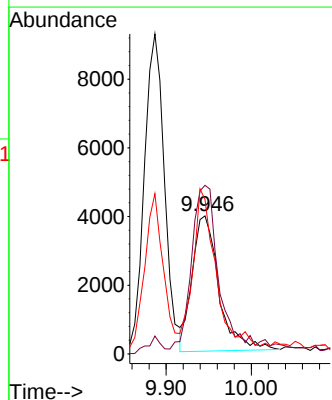
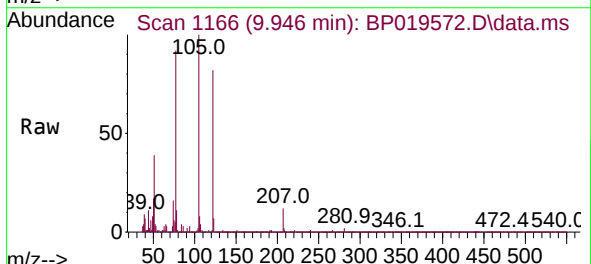
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT1-2024

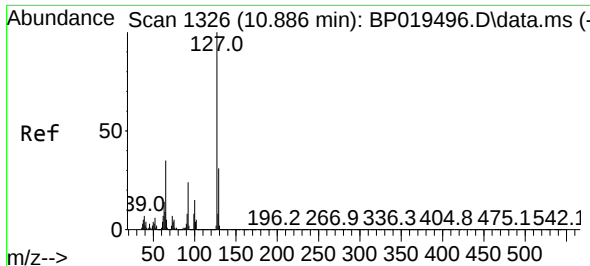
Tgt Ion:128 Resp: 62542
Ion Ratio Lower Upper
128 100
129 9.8 8.6 13.0
127 14.8 10.8 16.2



#32
Benzoic acid
Concen: 2.558 ng
RT: 9.946 min Scan# 1166
Delta R.T. -0.100 min
Lab File: BP019572.D
Acq: 06 Feb 2024 14:11

Tgt Ion:122 Resp: 8593
Ion Ratio Lower Upper
122 100
105 122.1 118.8 158.8
77 111.8 91.7 131.7

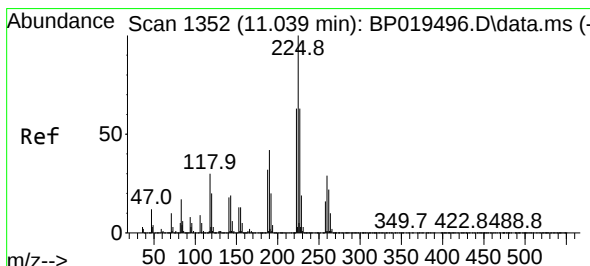
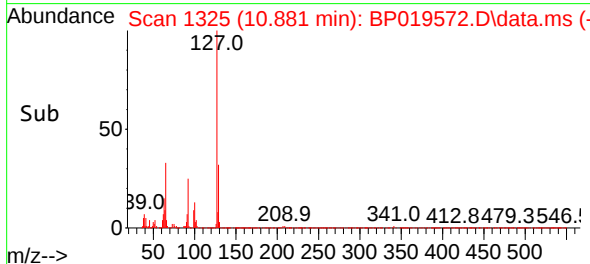
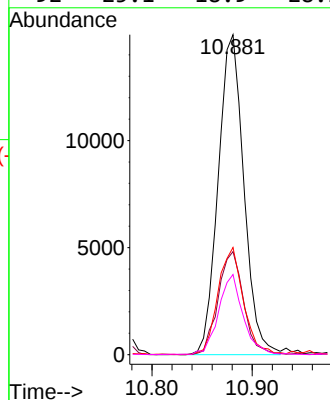
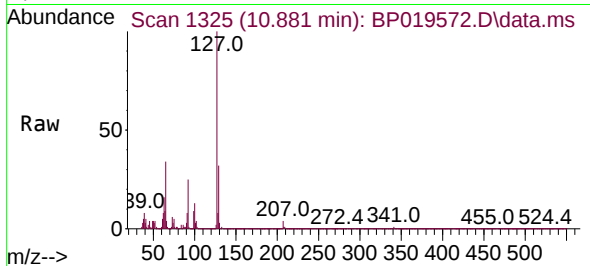




#33
4-Chloroaniline
Concen: 4.296 ng
RT: 10.881 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP019572.D
Acq: 06 Feb 2024 14:11

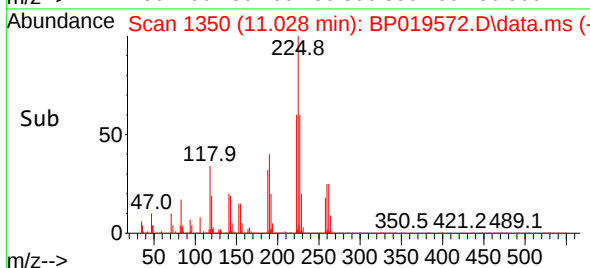
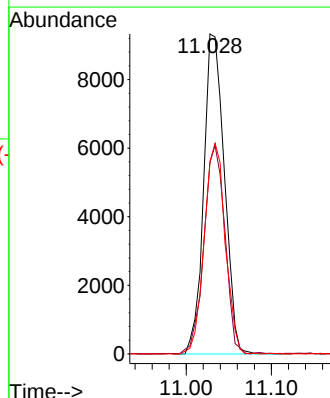
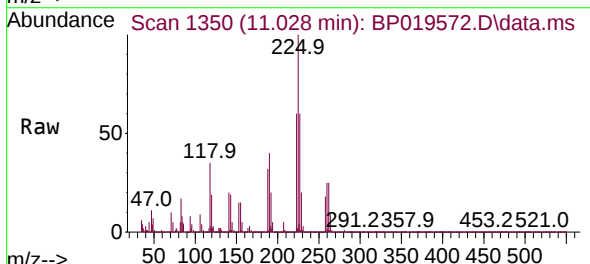
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT1-2024

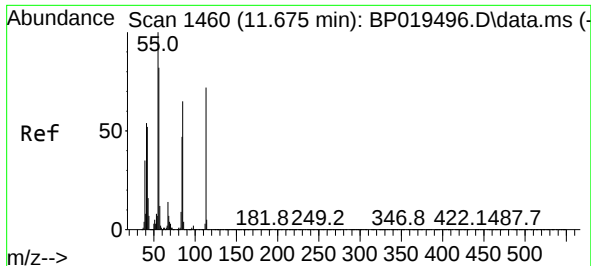
Tgt Ion:	127	Resp:	26511
Ion	Ratio	Lower	Upper
127	100		
129	32.2	24.6	36.8
65	33.5	28.2	42.4
92	25.1	18.9	28.3



#34
Hexachlorobutadiene
Concen: 3.317 ng
RT: 11.028 min Scan# 1350
Delta R.T. -0.012 min
Lab File: BP019572.D
Acq: 06 Feb 2024 14:11

Tgt Ion:	225	Resp:	15703
Ion	Ratio	Lower	Upper
225	100		
223	59.8	50.5	75.7
227	60.1	50.2	75.2

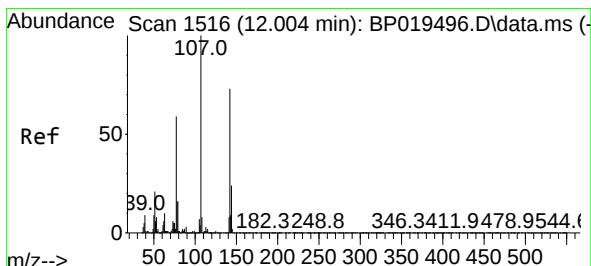
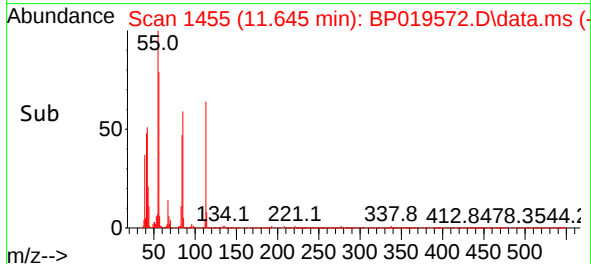
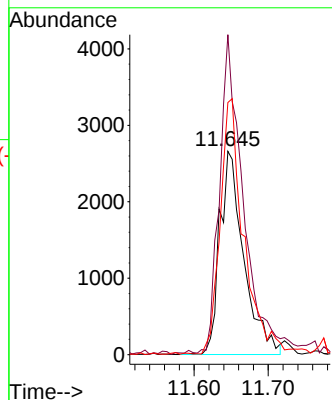
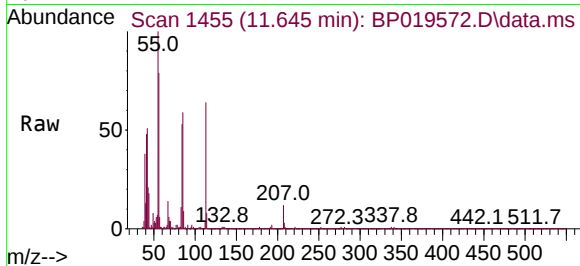




#35
 Caprolactam
 Concen: 4.066 ng
 RT: 11.645 min Scan# 1460
 Delta R.T. -0.029 min
 Lab File: BP019572.D
 Acq: 06 Feb 2024 14:11

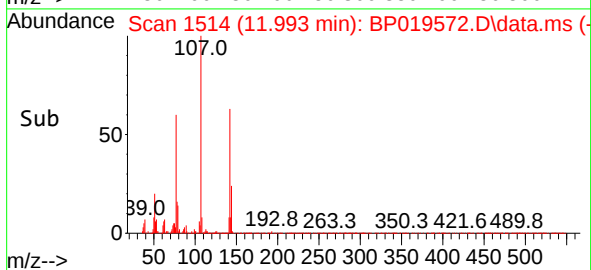
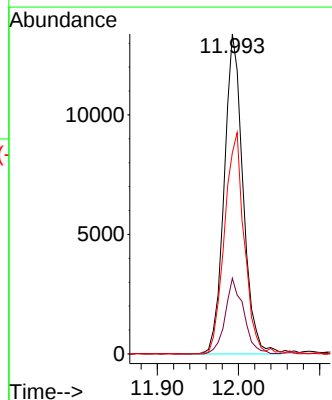
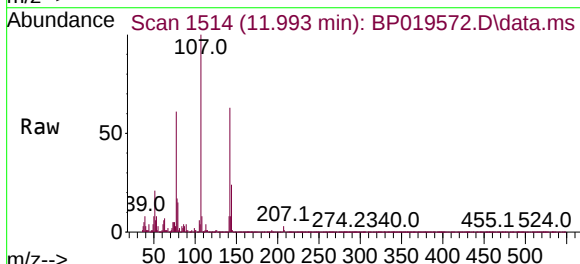
Instrument : BNA_P
 ClientSampleId : MDL-SOIL-03-QT1-2024

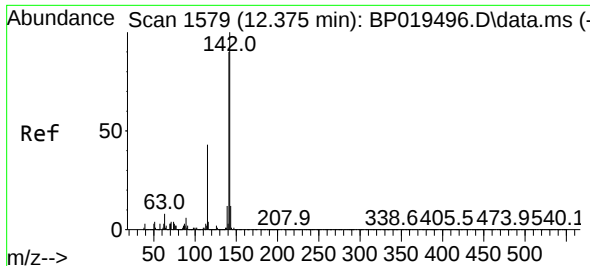
Tgt Ion:	113	Resp:	5998
Ion	Ratio	Lower	Upper
113	100		
55	157.3	120.0	160.0
56	123.9	94.0	134.0



#36
 4-Chloro-3-methylphenol
 Concen: 3.804 ng
 RT: 11.993 min Scan# 1514
 Delta R.T. -0.012 min
 Lab File: BP019572.D
 Acq: 06 Feb 2024 14:11

Tgt Ion:	107	Resp:	21613
Ion	Ratio	Lower	Upper
107	100		
144	23.6	19.0	28.4
142	62.9	58.6	88.0

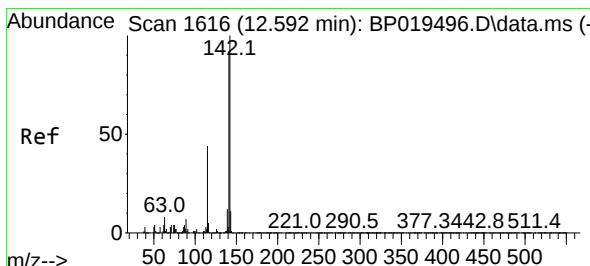
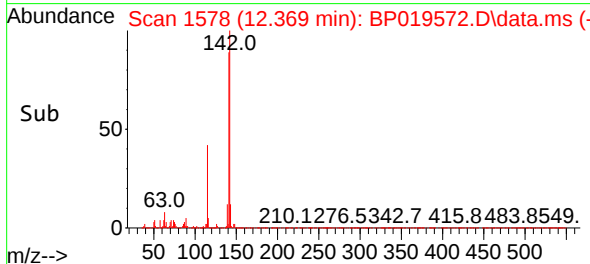
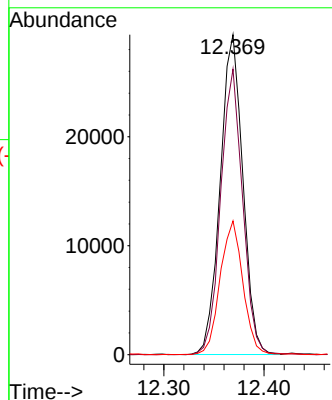
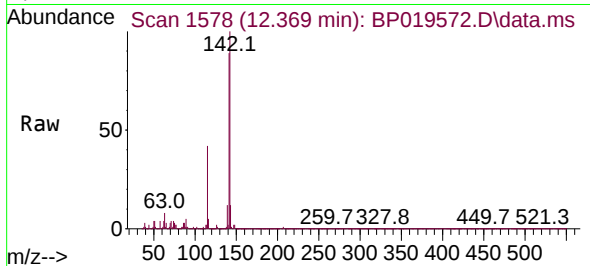




#37
2-Methylnaphthalene
Concen: 3.991 ng
RT: 12.369 min Scan# 1578
Delta R.T. -0.006 min
Lab File: BP019572.D
Acq: 06 Feb 2024 14:11

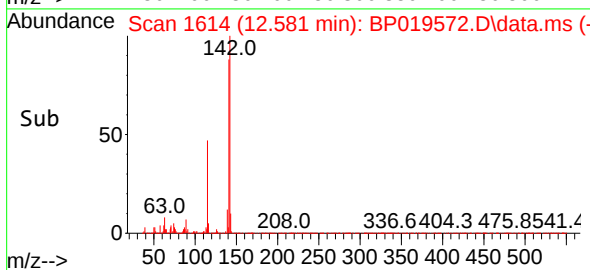
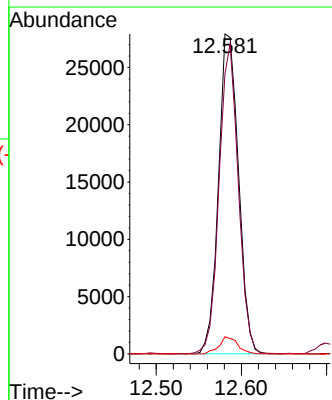
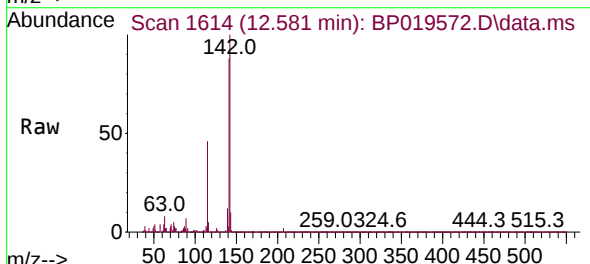
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT1-2024

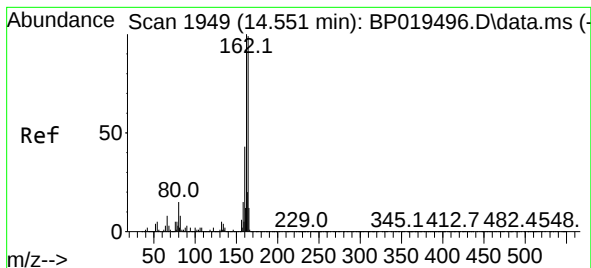
Tgt Ion:142 Resp: 46089
Ion Ratio Lower Upper
142 100
141 89.3 72.2 108.4
115 41.8 34.2 51.2



#38
1-Methylnaphthalene
Concen: 4.019 ng
RT: 12.581 min Scan# 1614
Delta R.T. -0.012 min
Lab File: BP019572.D
Acq: 06 Feb 2024 14:11

Tgt Ion:142 Resp: 45615
Ion Ratio Lower Upper
142 100
141 87.7 74.0 111.0
116 5.4 3.7 5.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.539 min Scan# 1947

Delta R.T. -0.012 min

Lab File: BP019572.D

Acq: 06 Feb 2024 14:11

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-03-QT1-2024

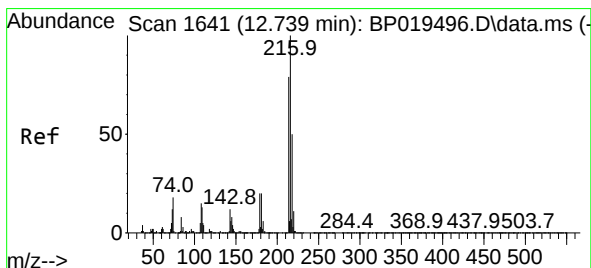
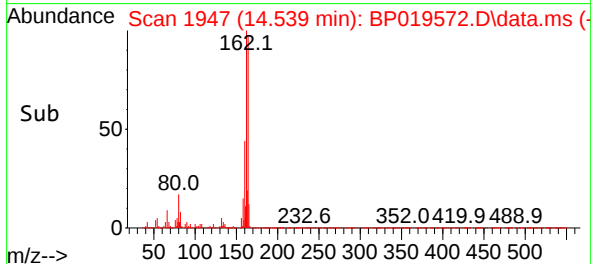
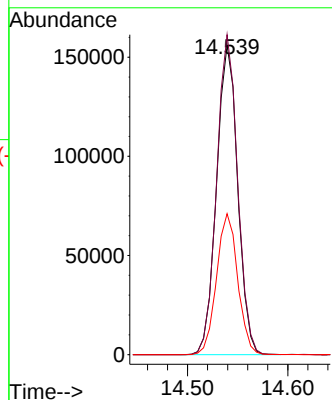
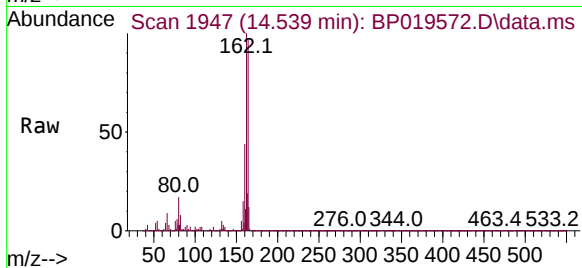
Tgt Ion:164 Resp: 228311

Ion Ratio Lower Upper

164 100

162 103.4 81.2 121.8

160 45.5 35.1 52.7



#40

1,2,4,5-Tetrachlorobenzene

Concen: 3.585 ng

RT: 12.728 min Scan# 1639

Delta R.T. -0.012 min

Lab File: BP019572.D

Acq: 06 Feb 2024 14:11

Tgt Ion:216 Resp: 31568

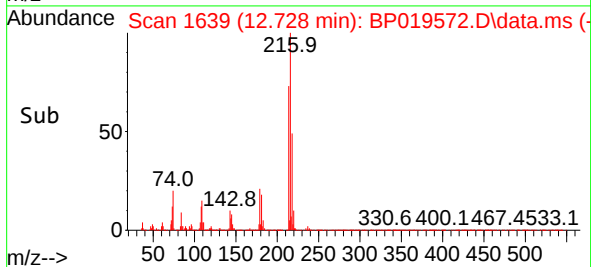
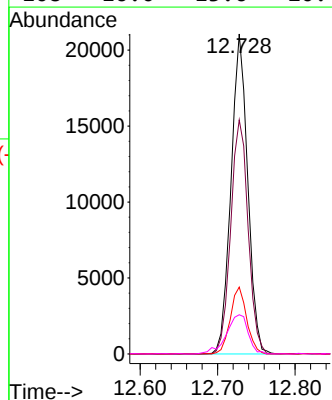
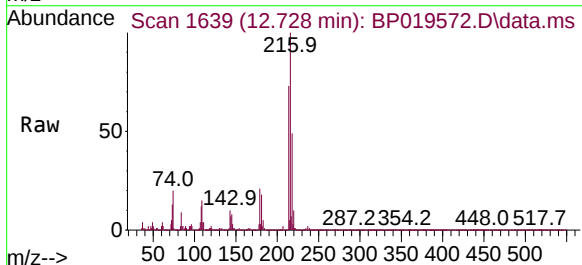
Ion Ratio Lower Upper

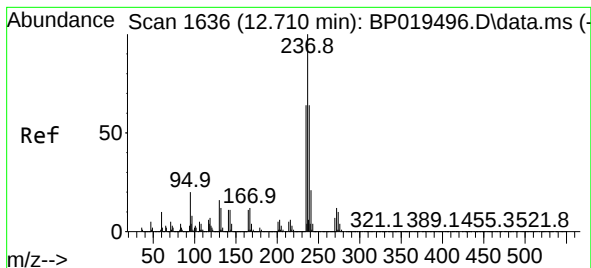
216 100

214 76.1 62.8 94.2

179 20.5 16.6 24.8

108 16.0 13.6 20.4





#41

Hexachlorocyclopentadiene

Concen: 3.726 ng

RT: 12.698 min Scan# 1

Delta R.T. -0.012 min

Lab File: BP019572.D

Acq: 06 Feb 2024 14:11

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-03-QT1-2024

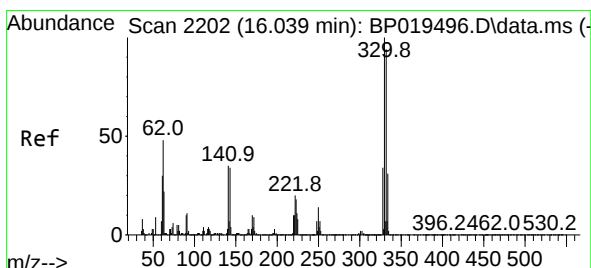
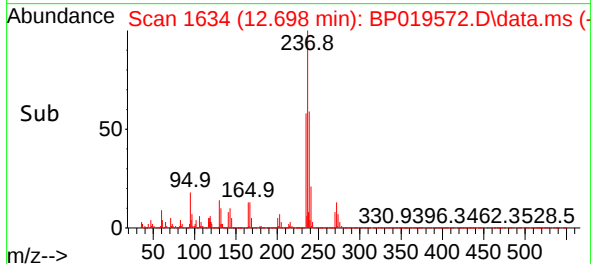
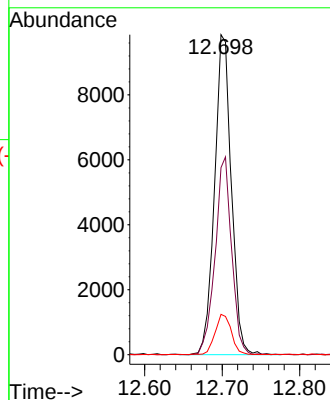
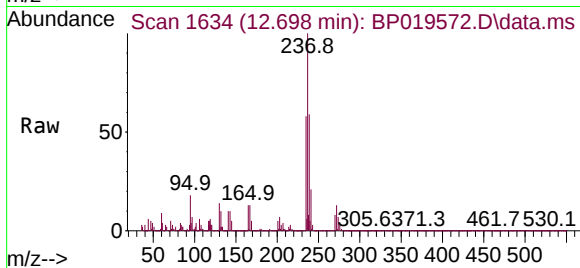
Tgt Ion:237 Resp: 14820

Ion Ratio Lower Upper

237 100

235 58.4 43.7 83.7

272 12.6 0.0 32.4



#42

2,4,6-Tribromophenol

Concen: 155.838 ng

RT: 16.033 min Scan# 2201

Delta R.T. -0.006 min

Lab File: BP019572.D

Acq: 06 Feb 2024 14:11

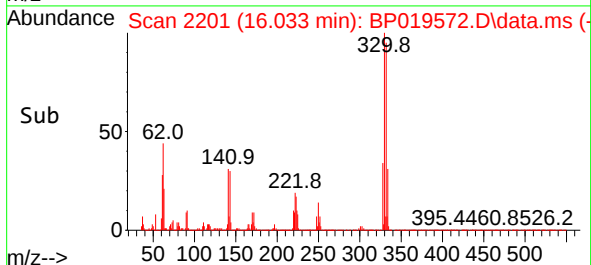
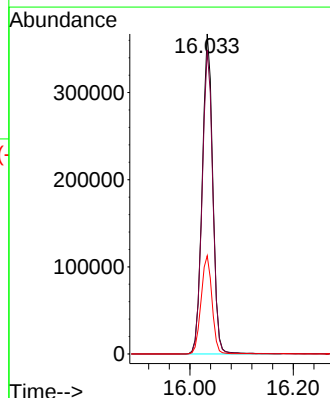
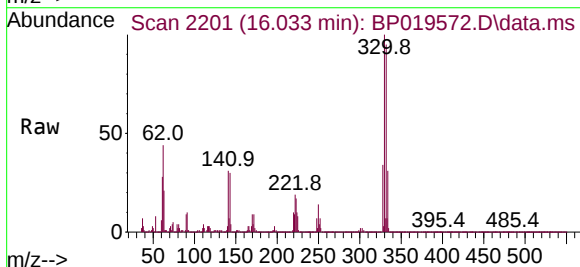
Tgt Ion:330 Resp: 519486

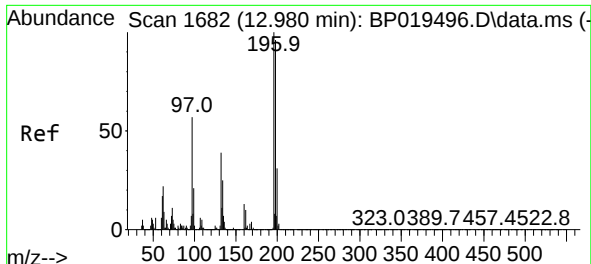
Ion Ratio Lower Upper

330 100

332 95.4 77.2 115.8

141 31.9 27.0 40.4

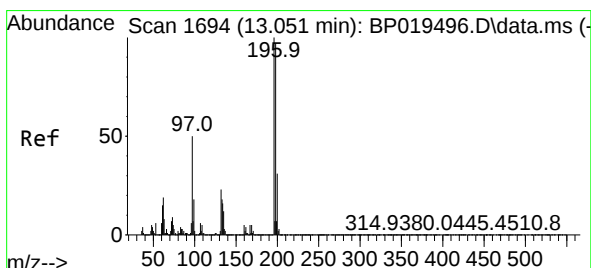
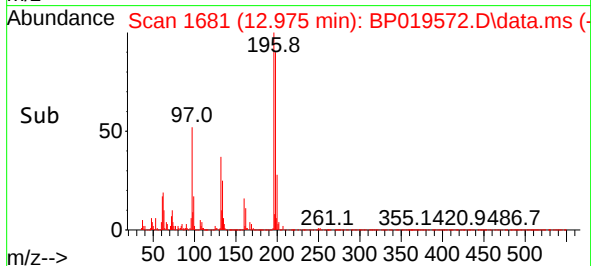
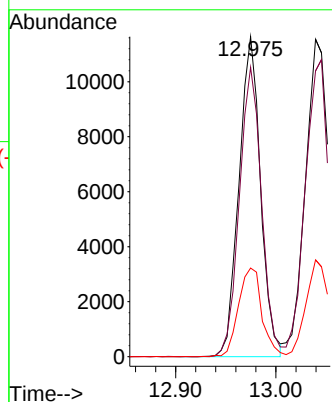
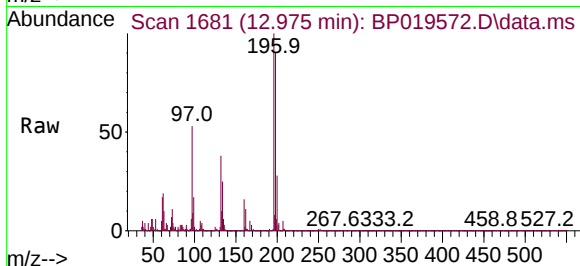




#43
2,4,6-Trichlorophenol
Concen: 3.271 ng
RT: 12.975 min Scan# 1681
Delta R.T. -0.006 min
Lab File: BP019572.D
Acq: 06 Feb 2024 14:11

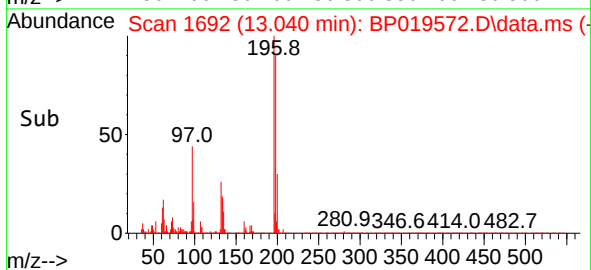
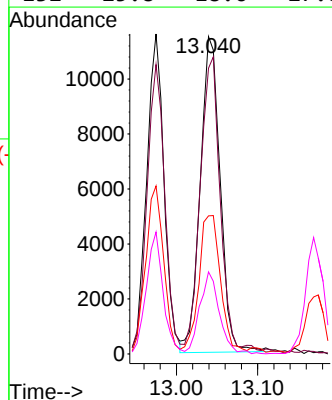
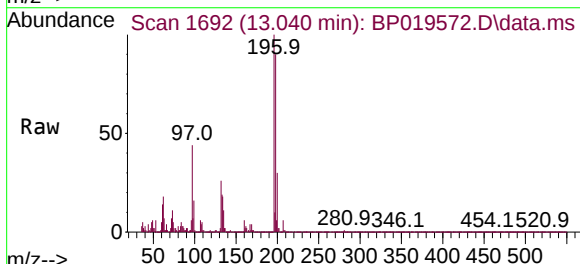
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT1-2024

Tgt Ion:196 Resp: 17439
Ion Ratio Lower Upper
196 100
198 90.5 76.7 115.1
200 27.7 24.6 36.8



#44
2,4,5-Trichlorophenol
Concen: 3.348 ng
RT: 13.040 min Scan# 1692
Delta R.T. -0.012 min
Lab File: BP019572.D
Acq: 06 Feb 2024 14:11

Tgt Ion:196 Resp: 19600
Ion Ratio Lower Upper
196 100
198 90.0 77.5 116.3
97 43.5 39.9 59.9
132 25.8 18.6 27.8





#45

2-Fluorobiphenyl

Concen: 75.240 ng

RT: 13.169 min Scan# 1716

Delta R.T. -0.012 min

Lab File: BP019572.D

Acq: 06 Feb 2024 14:11

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-03-QT1-2024

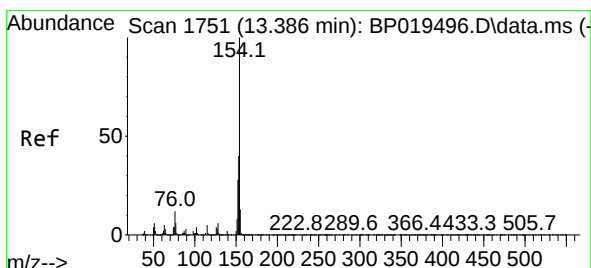
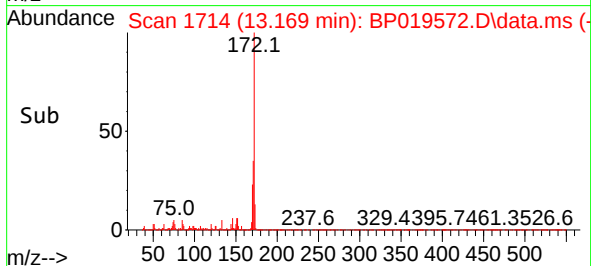
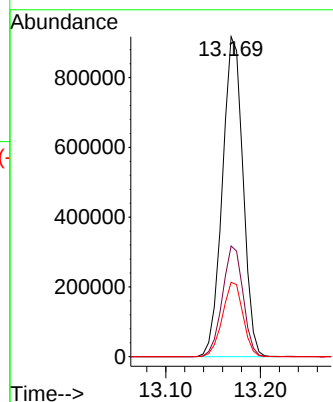
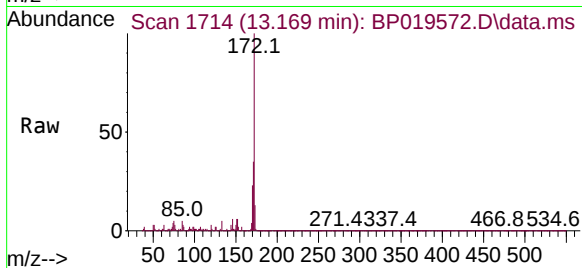
Tgt Ion:172 Resp: 1389555

Ion Ratio Lower Upper

172 100

171 34.6 28.2 42.4

170 23.3 18.9 28.3



#46

1,1'-Biphenyl

Concen: 3.719 ng

RT: 13.381 min Scan# 1750

Delta R.T. -0.006 min

Lab File: BP019572.D

Acq: 06 Feb 2024 14:11

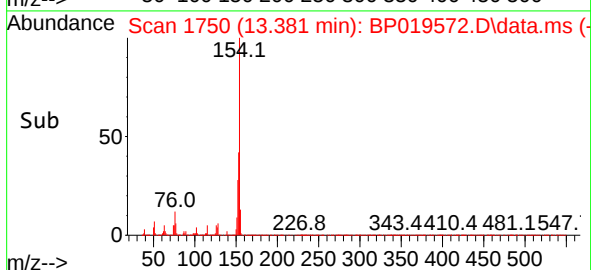
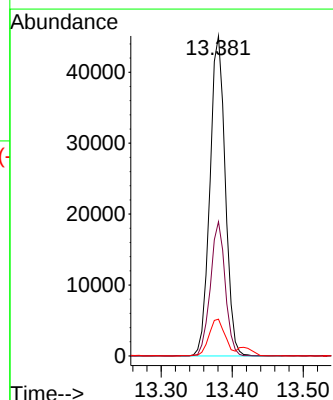
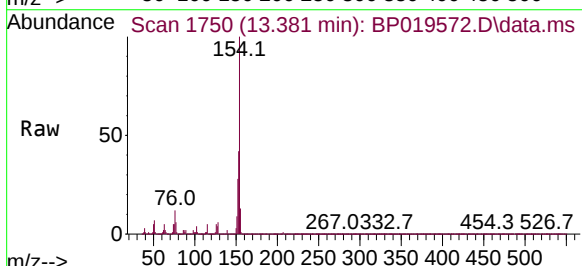
Tgt Ion:154 Resp: 67777

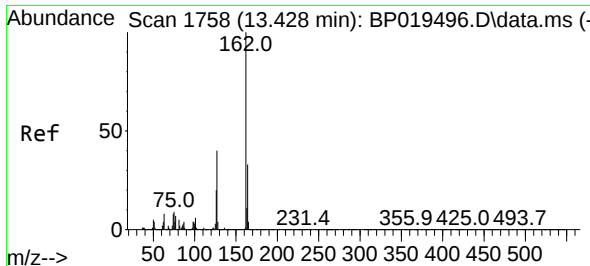
Ion Ratio Lower Upper

154 100

153 41.9 20.2 60.2

76 11.5 0.0 31.6

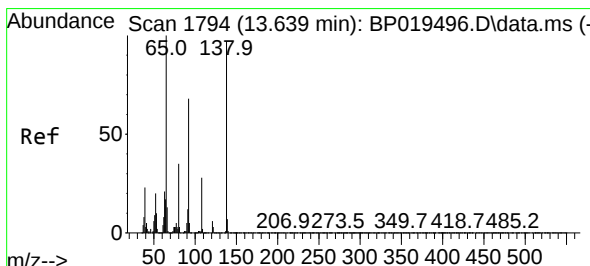
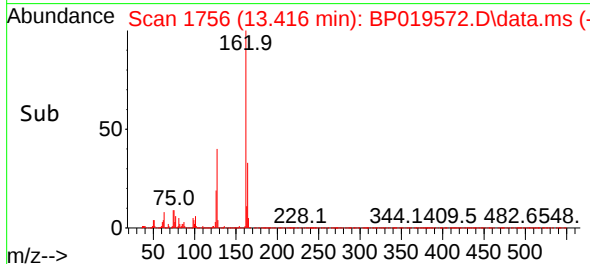
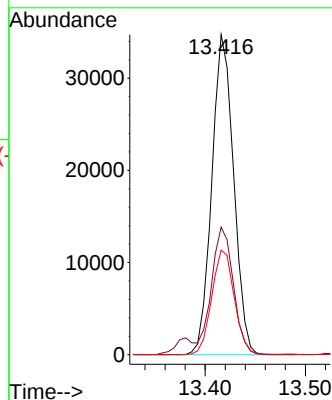
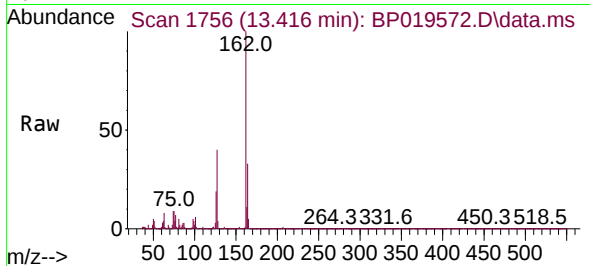




#47
2-Chloronaphthalene
Concen: 3.510 ng
RT: 13.416 min Scan# 1756
Delta R.T. -0.012 min
Lab File: BP019572.D
Acq: 06 Feb 2024 14:11

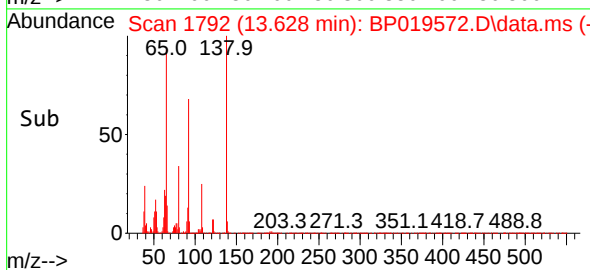
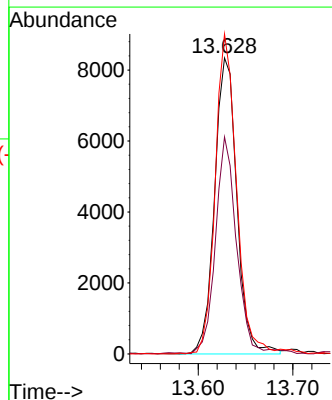
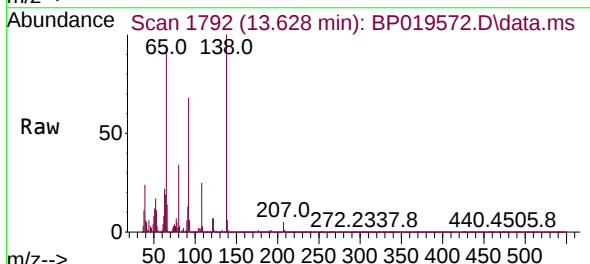
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT1-2024

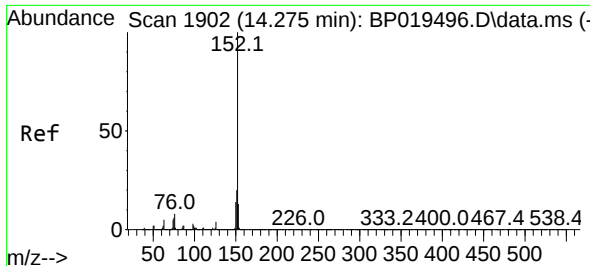
Tgt Ion:162 Resp: 52507
Ion Ratio Lower Upper
162 100
127 39.8 32.1 48.1
164 32.7 26.7 40.1



#48
2-Nitroaniline
Concen: 3.264 ng
RT: 13.628 min Scan# 1792
Delta R.T. -0.012 min
Lab File: BP019572.D
Acq: 06 Feb 2024 14:11

Tgt Ion: 65 Resp: 13652
Ion Ratio Lower Upper
65 100
92 73.3 54.7 82.1
138 108.1 77.8 116.6

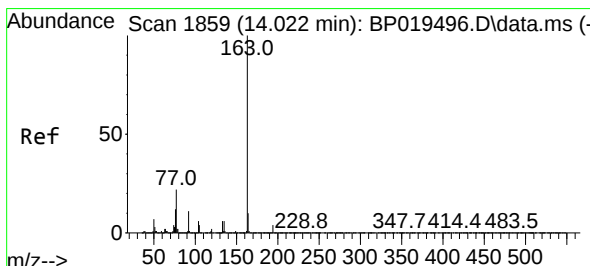
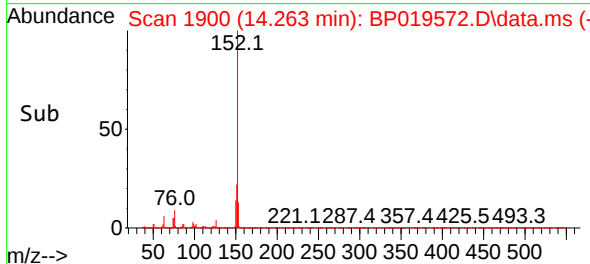
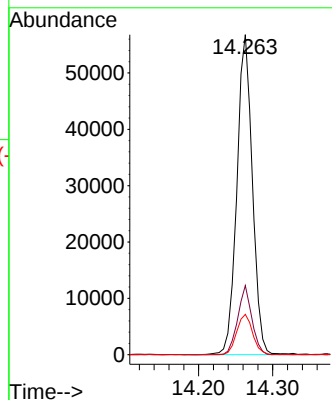
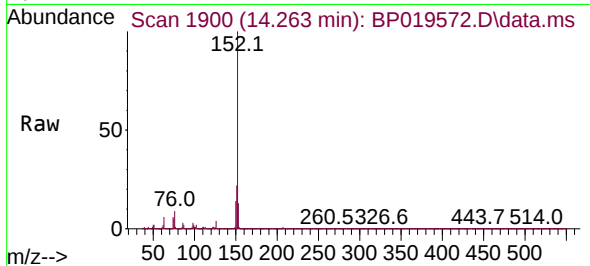




#49
Acenaphthylene
Concen: 3.925 ng
RT: 14.263 min Scan# 1902
Delta R.T. -0.012 min
Lab File: BP019572.D
Acq: 06 Feb 2024 14:11

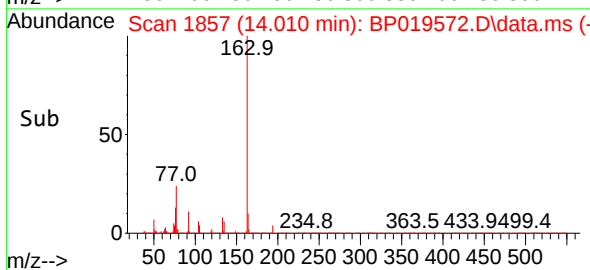
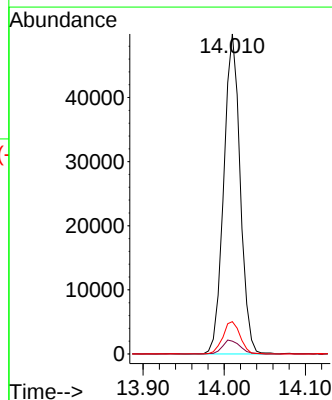
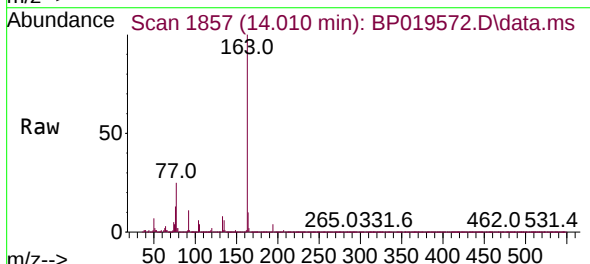
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT1-2024

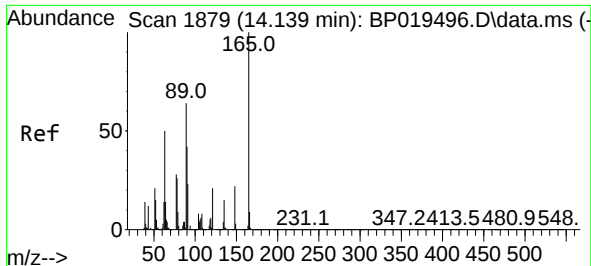
Tgt Ion:152 Resp: 82369
Ion Ratio Lower Upper
152 100
151 21.6 15.8 23.6
153 12.6 10.6 15.8



#50
Dimethylphthalate
Concen: 4.019 ng
RT: 14.010 min Scan# 1857
Delta R.T. -0.012 min
Lab File: BP019572.D
Acq: 06 Feb 2024 14:11

Tgt Ion:163 Resp: 70235
Ion Ratio Lower Upper
163 100
194 4.0 3.4 5.2
164 10.1 7.8 11.6

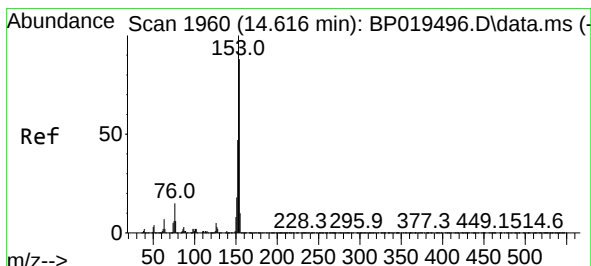
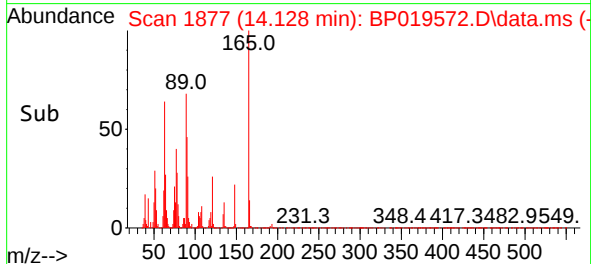
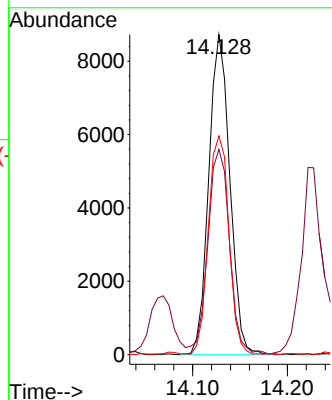
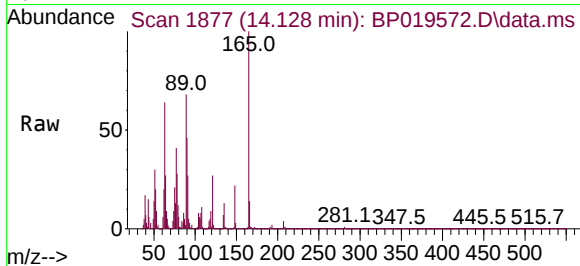




#51
2,6-Dinitrotoluene
Concen: 3.506 ng
RT: 14.128 min Scan# 1879
Delta R.T. -0.012 min
Lab File: BP019572.D
Acq: 06 Feb 2024 14:11

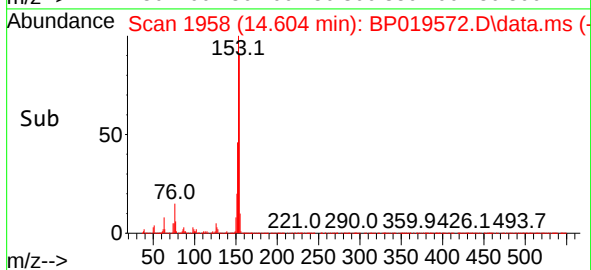
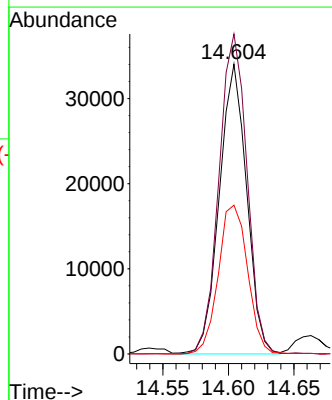
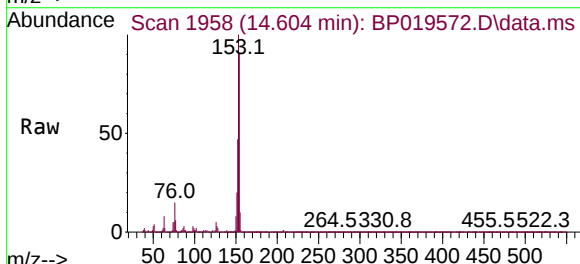
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT1-2024

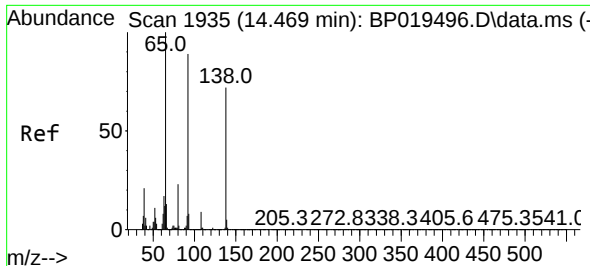
Tgt Ion:165 Resp: 13464
Ion Ratio Lower Upper
165 100
63 64.2 50.4 75.6
89 68.3 51.7 77.5



#52
Acenaphthene
Concen: 3.783 ng
RT: 14.604 min Scan# 1958
Delta R.T. -0.012 min
Lab File: BP019572.D
Acq: 06 Feb 2024 14:11

Tgt Ion:154 Resp: 49272
Ion Ratio Lower Upper
154 100
153 110.5 90.5 135.7
152 51.4 42.1 63.1

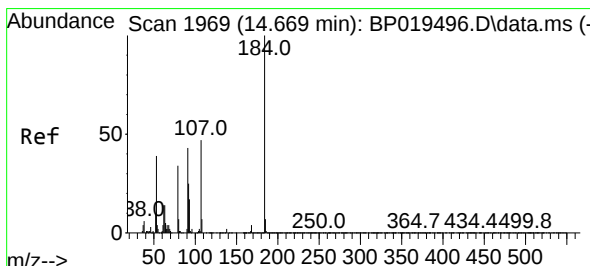
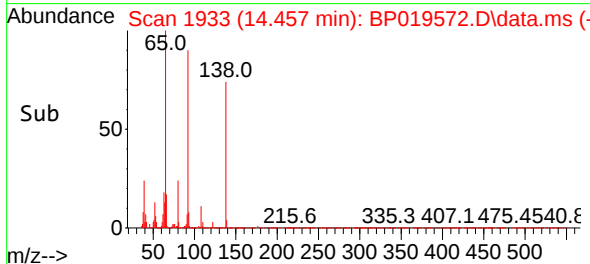
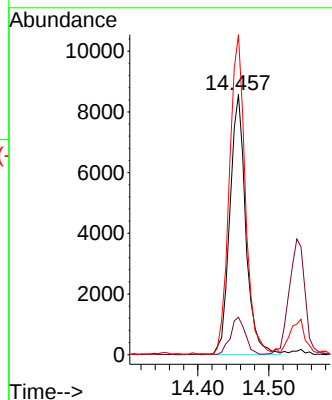
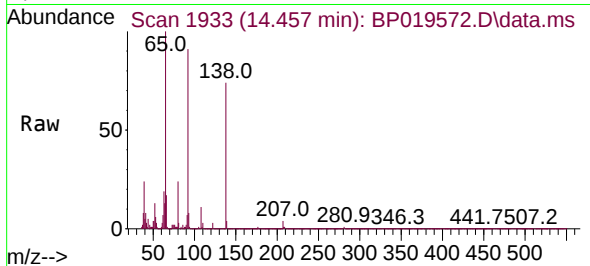




#53
3-Nitroaniline
Concen: 3.786 ng
RT: 14.457 min Scan# 1933
Delta R.T. -0.012 min
Lab File: BP019572.D
Acq: 06 Feb 2024 14:11

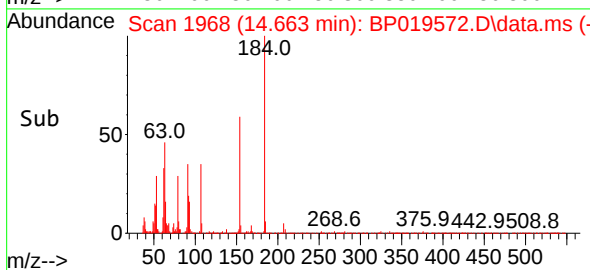
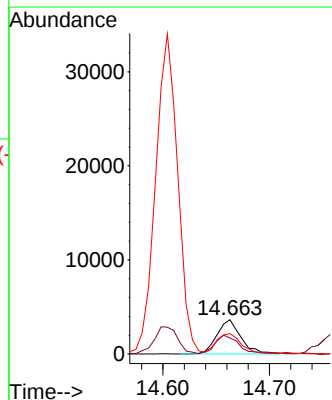
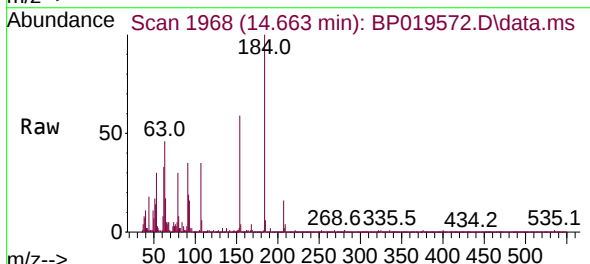
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT1-2024

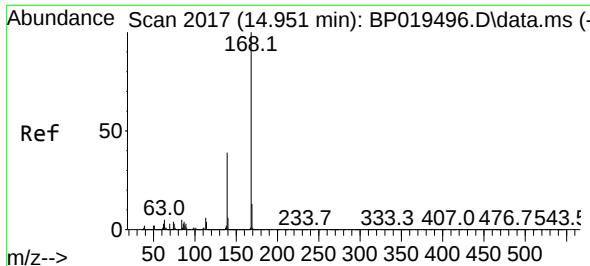
Tgt Ion:138 Resp: 13361
Ion Ratio Lower Upper
138 100
108 14.4 9.7 14.5
92 123.0 98.0 147.0



#54
2,4-Dinitrophenol
Concen: 2.847 ng
RT: 14.663 min Scan# 1968
Delta R.T. -0.006 min
Lab File: BP019572.D
Acq: 06 Feb 2024 14:11

Tgt Ion:184 Resp: 5677
Ion Ratio Lower Upper
184 100
63 46.3 50.5 75.7#
154 59.4 53.4 80.0

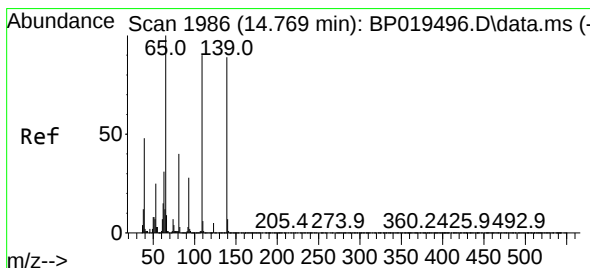
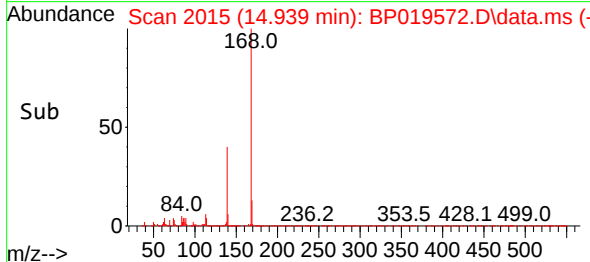
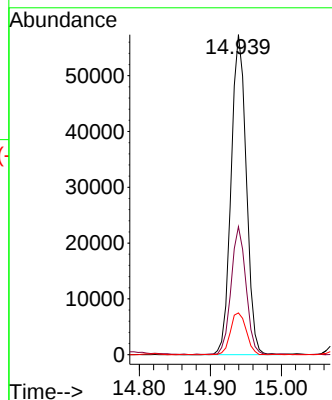
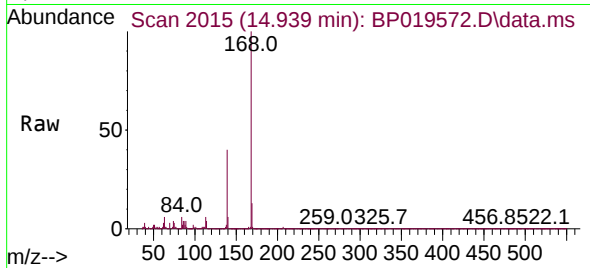




#55
Dibenzofuran
Concen: 4.017 ng
RT: 14.939 min Scan# 2015
Delta R.T. -0.012 min
Lab File: BP019572.D
Acq: 06 Feb 2024 14:11

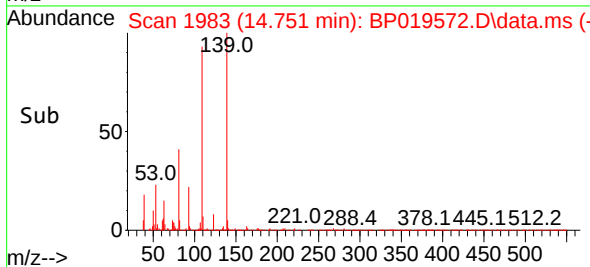
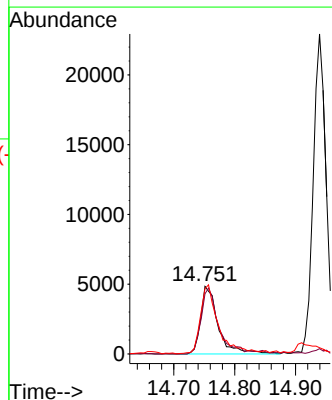
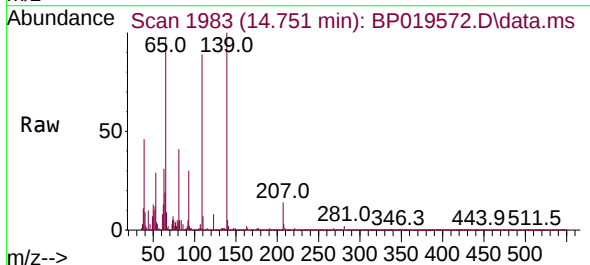
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT1-2024

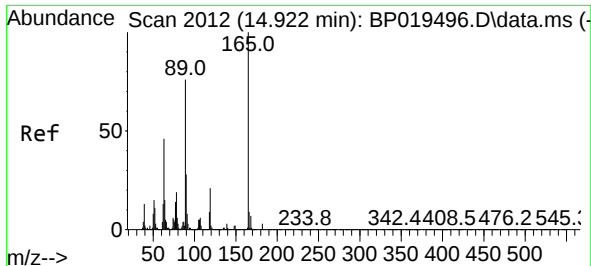
Tgt Ion:168	Resp:	85213
Ion Ratio	Lower	Upper
168	100	
139	40.0	31.5 47.3
169	13.0	10.3 15.5



#56
4-Nitrophenol
Concen: 3.315 ng
RT: 14.751 min Scan# 1983
Delta R.T. -0.017 min
Lab File: BP019572.D
Acq: 06 Feb 2024 14:11

Tgt Ion:139	Resp:	9589
Ion Ratio	Lower	Upper
139	100	
109	89.0	82.0 122.0
65	96.7	92.9 132.9

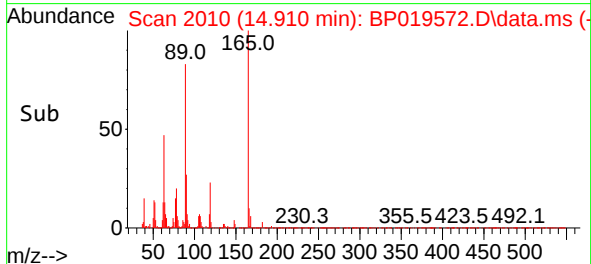
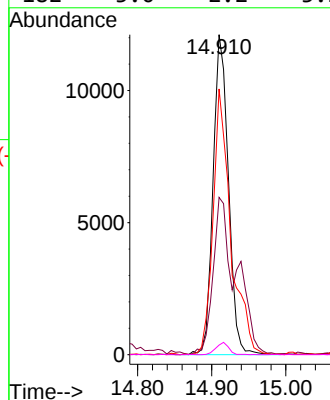
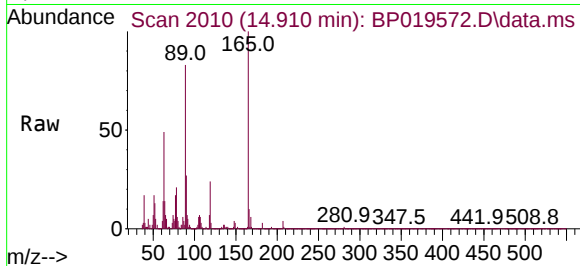




#57
2,4-Dinitrotoluene
Concen: 3.454 ng
RT: 14.910 min Scan# 2012
Delta R.T. -0.012 min
Lab File: BP019572.D
Acq: 06 Feb 2024 14:11

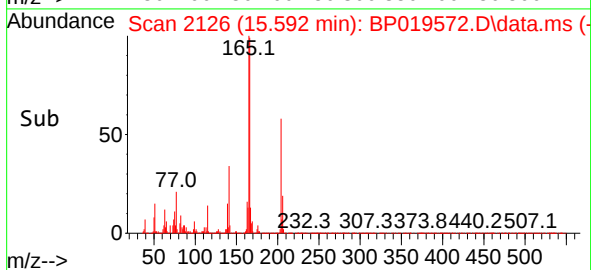
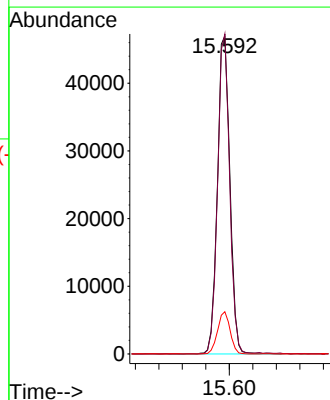
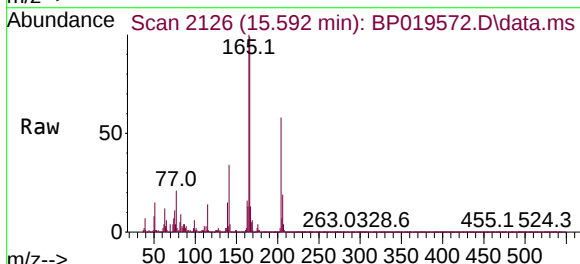
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT1-2024

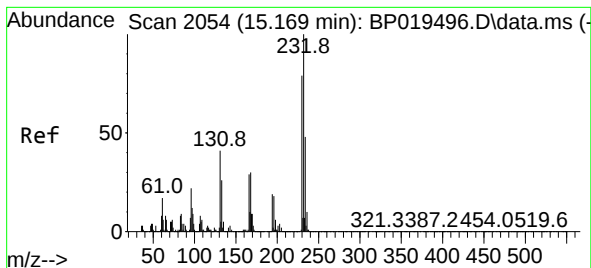
Tgt Ion:165 Resp: 17382
Ion Ratio Lower Upper
165 100
63 49.1 36.9 55.3
89 83.1 61.1 91.7
182 3.0 2.2 3.2



#58
Fluorene
Concen: 4.082 ng
RT: 15.592 min Scan# 2126
Delta R.T. -0.006 min
Lab File: BP019572.D
Acq: 06 Feb 2024 14:11

Tgt Ion:166 Resp: 68978
Ion Ratio Lower Upper
166 100
165 100.6 77.8 116.8
167 13.3 10.7 16.1





#59

2,3,4,6-Tetrachlorophenol

Concen: 3.865 ng

RT: 15.163 min Scan# 2054

Delta R.T. -0.006 min

Lab File: BP019572.D

Acq: 06 Feb 2024 14:11

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-03-QT1-2024

Tgt Ion:232 Resp: 19033

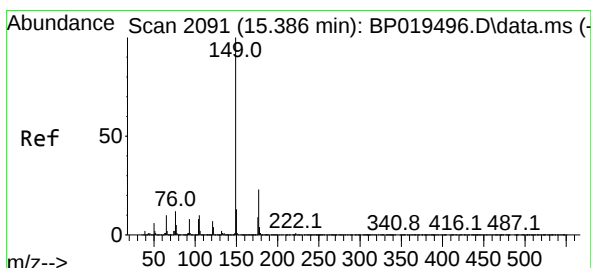
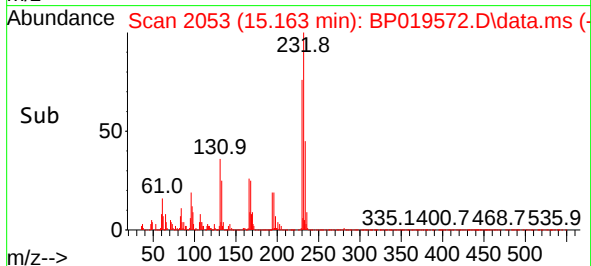
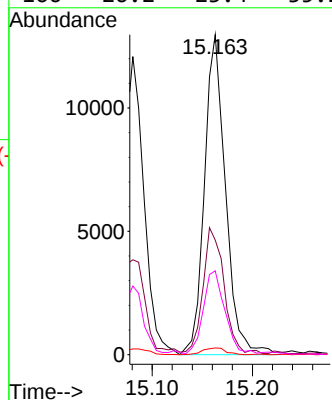
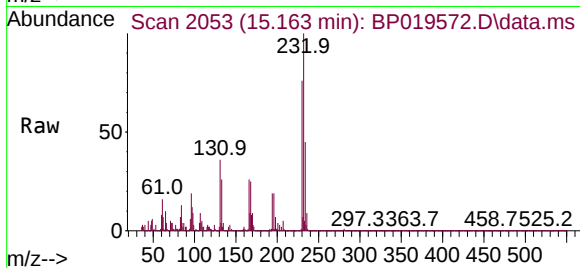
Ion Ratio Lower Upper

232 100

131 39.2 32.4 48.6

130 2.3 1.9 2.9

166 26.2 23.4 35.2



#60

Diethylphthalate

Concen: 4.090 ng

RT: 15.375 min Scan# 2089

Delta R.T. -0.012 min

Lab File: BP019572.D

Acq: 06 Feb 2024 14:11

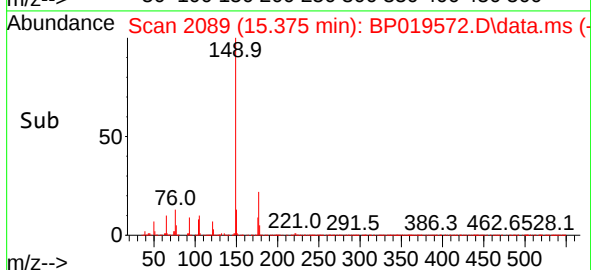
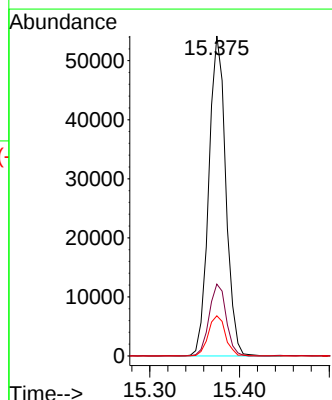
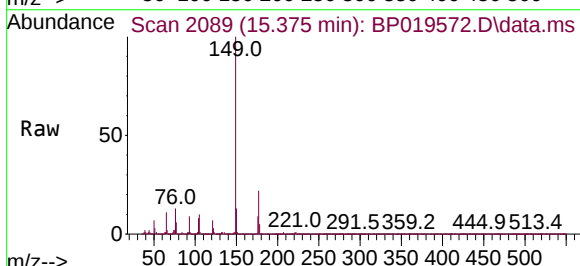
Tgt Ion:149 Resp: 71105

Ion Ratio Lower Upper

149 100

177 22.5 18.2 27.2

150 12.5 10.2 15.4

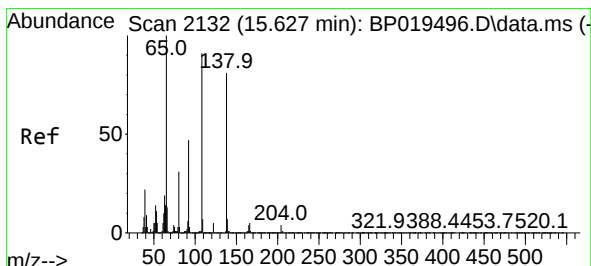
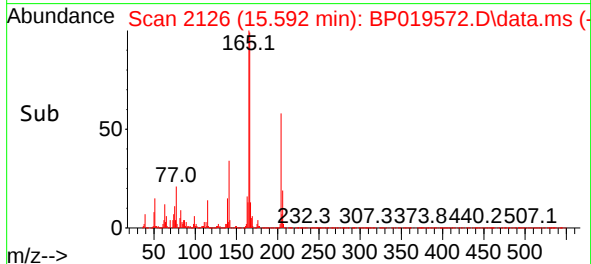
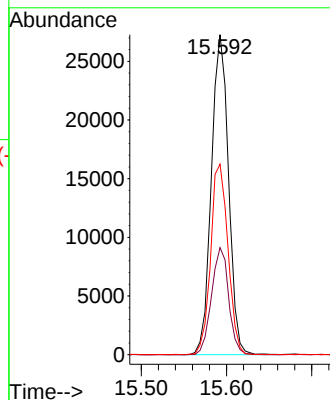
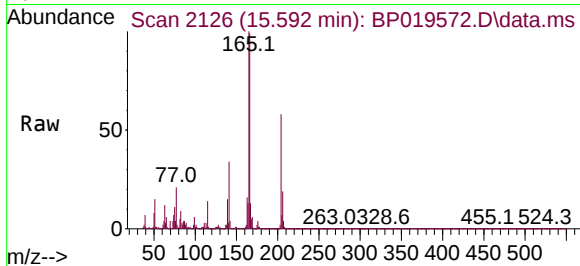




#61
4-Chlorophenyl-phenylether
Concen: 4.010 ng
RT: 15.592 min Scan# 2127
Delta R.T. -0.006 min
Lab File: BP019572.D
Acq: 06 Feb 2024 14:11

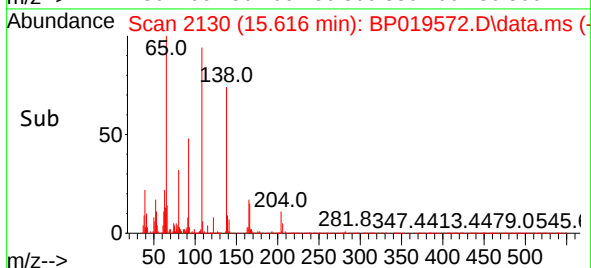
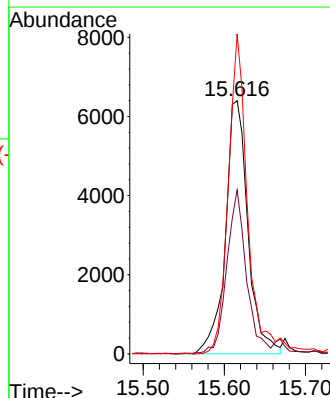
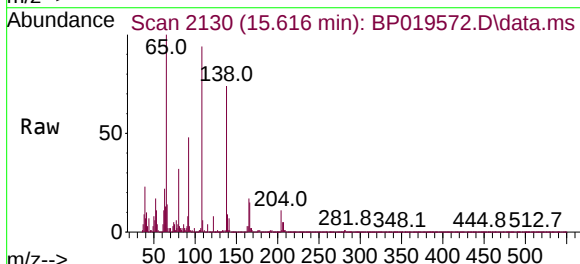
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT1-2024

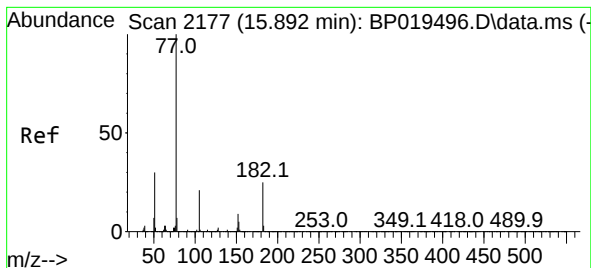
Tgt Ion:204 Resp: 38083
Ion Ratio Lower Upper
204 100
206 33.4 26.5 39.7
141 59.5 48.5 72.7



#62
4-Nitroaniline
Concen: 3.333 ng
RT: 15.616 min Scan# 2130
Delta R.T. -0.012 min
Lab File: BP019572.D
Acq: 06 Feb 2024 14:11

Tgt Ion:138 Resp: 12330
Ion Ratio Lower Upper
138 100
92 64.8 38.3 78.3
108 126.3 91.2 131.2





#63

Azobenzene

Concen: 3.837 ng

RT: 15.886 min Scan# 2176

Delta R.T. -0.006 min

Lab File: BP019572.D

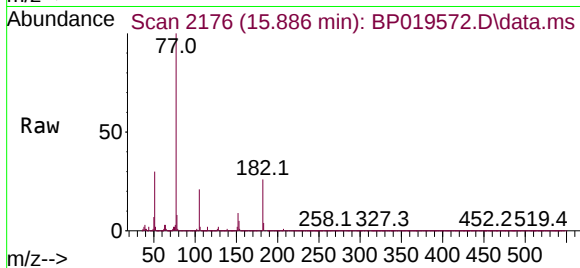
Acq: 06 Feb 2024 14:11

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-03-QT1-2024



Tgt Ion: 77 Resp: 64501

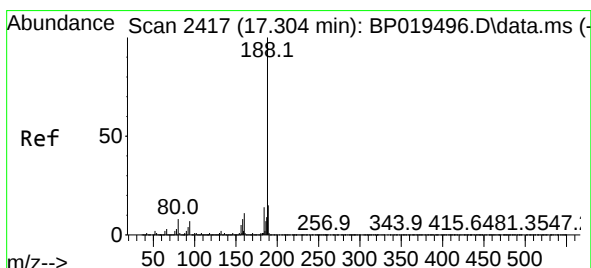
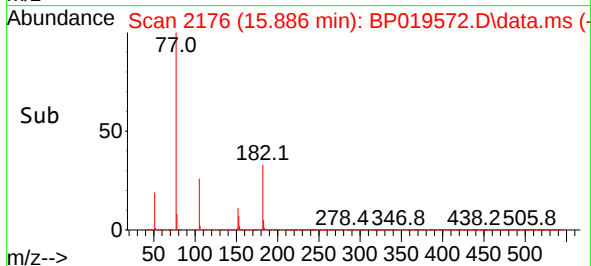
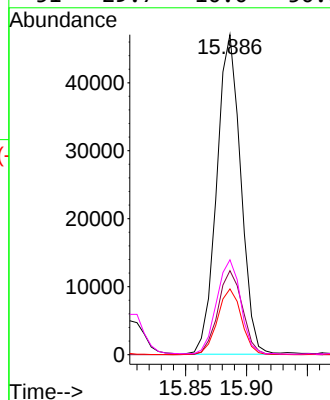
Ion Ratio Lower Upper

77 100

182 26.3 5.1 45.1

105 20.5 0.8 40.8

51 29.7 10.0 50.0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.298 min Scan# 2416

Delta R.T. -0.006 min

Lab File: BP019572.D

Acq: 06 Feb 2024 14:11

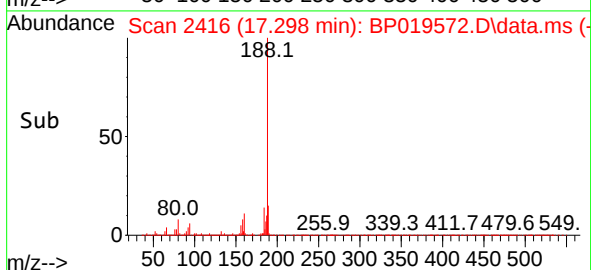
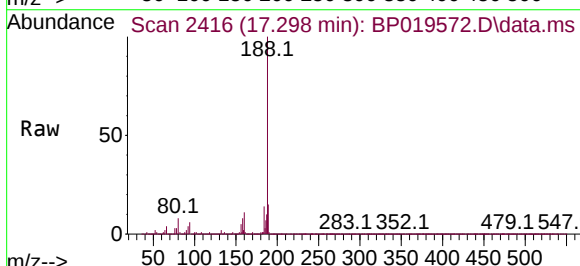
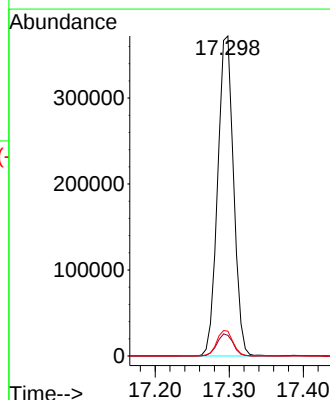
Tgt Ion: 188 Resp: 554907

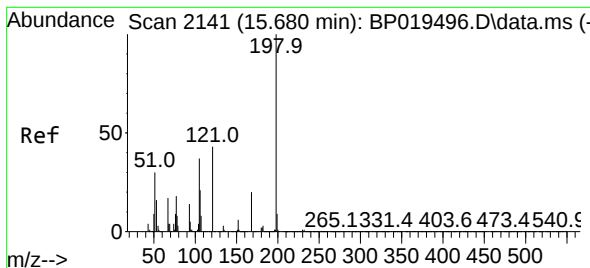
Ion Ratio Lower Upper

188 100

94 6.5 5.4 8.2

80 7.8 6.3 9.5

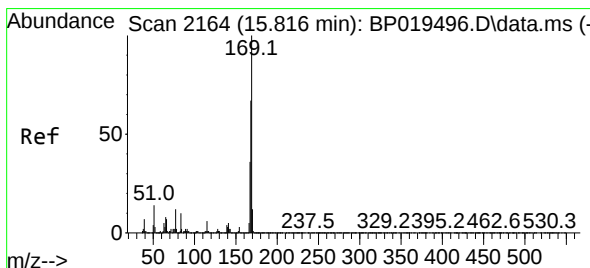
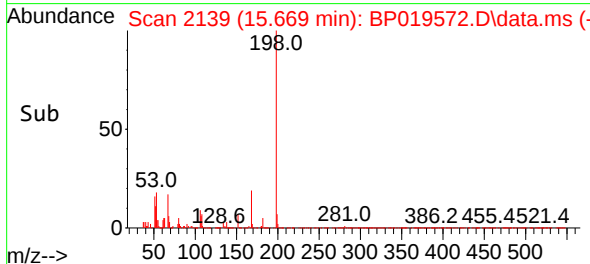
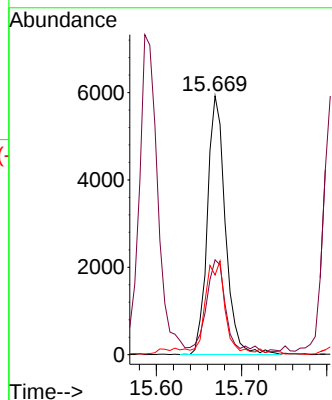
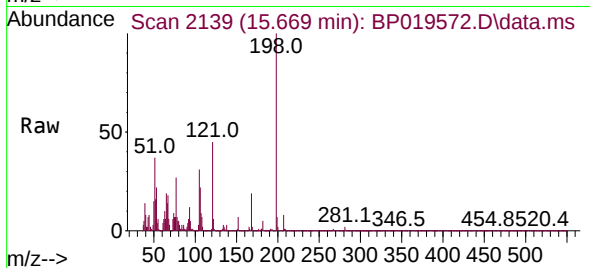




#65
4,6-Dinitro-2-methylphenol
Concen: 2.740 ng
RT: 15.669 min Scan# 2139
Delta R.T. -0.012 min
Lab File: BP019572.D
Acq: 06 Feb 2024 14:11

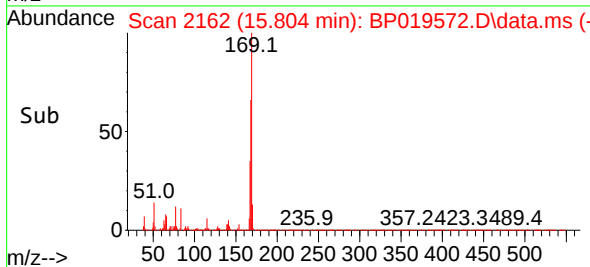
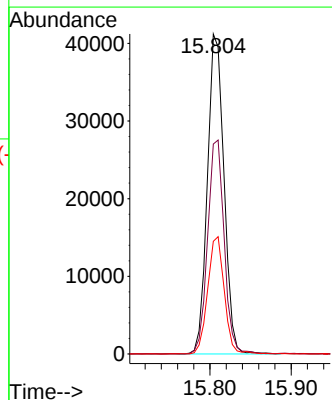
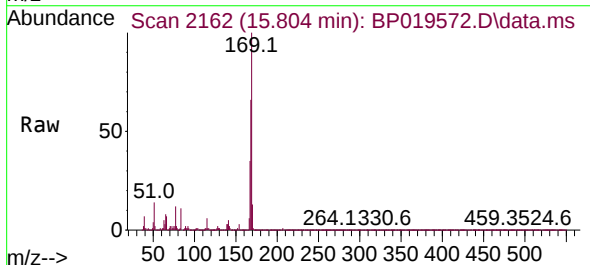
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT1-2024

Tgt Ion:198 Resp: 8671
Ion Ratio Lower Upper
198 100
51 36.7 21.2 61.2
105 30.8 19.1 59.1



#66
n-Nitrosodiphenylamine
Concen: 3.511 ng
RT: 15.804 min Scan# 2162
Delta R.T. -0.012 min
Lab File: BP019572.D
Acq: 06 Feb 2024 14:11

Tgt Ion:169 Resp: 58345
Ion Ratio Lower Upper
169 100
168 65.6 53.4 80.2
167 35.2 28.9 43.3

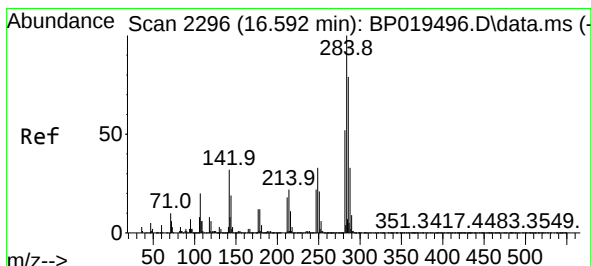
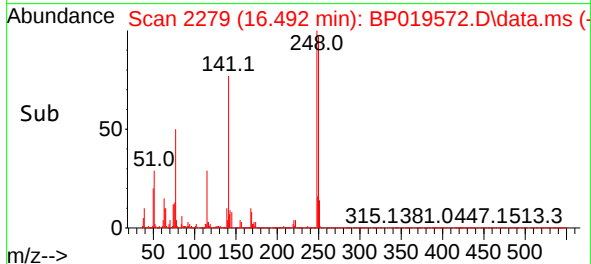
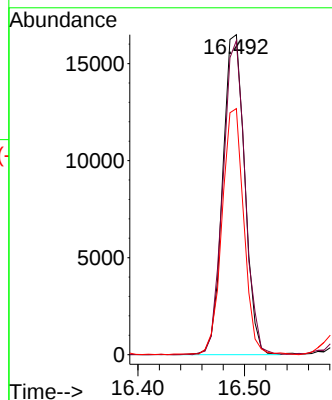
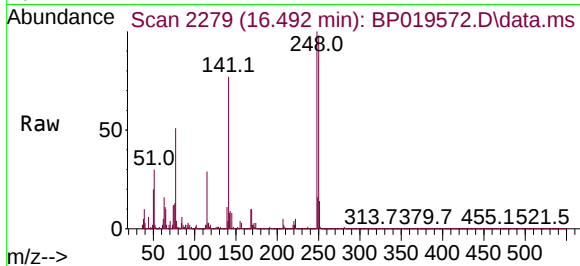




#67
4-Bromophenyl-phenylether
Concen: 3.404 ng
RT: 16.492 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP019572.D
Acq: 06 Feb 2024 14:11

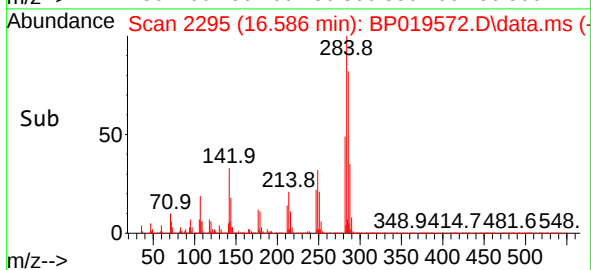
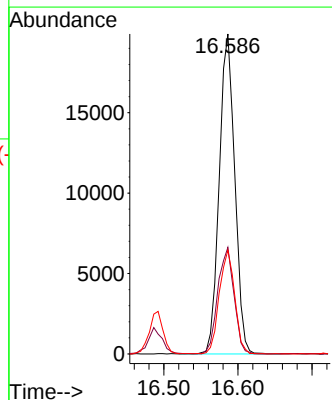
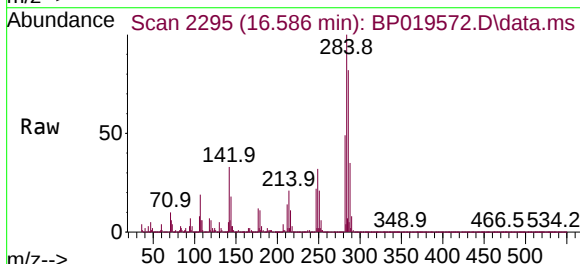
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT1-2024

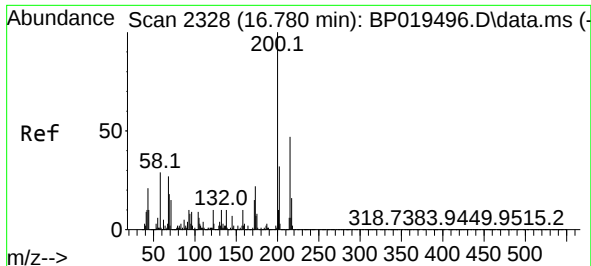
Tgt Ion:248 Resp: 23615
Ion Ratio Lower Upper
248 100
250 98.1 76.9 115.3
141 76.9 58.0 87.0



#68
Hexachlorobenzene
Concen: 3.575 ng
RT: 16.586 min Scan# 2295
Delta R.T. -0.006 min
Lab File: BP019572.D
Acq: 06 Feb 2024 14:11

Tgt Ion:284 Resp: 28962
Ion Ratio Lower Upper
284 100
142 33.3 25.4 38.2
249 32.4 26.5 39.7

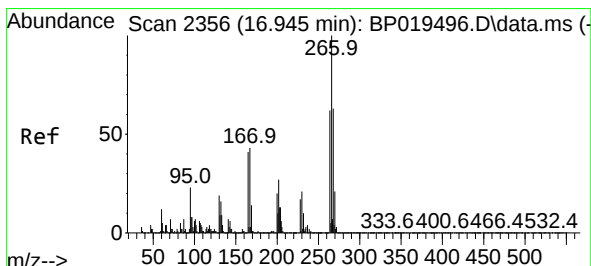
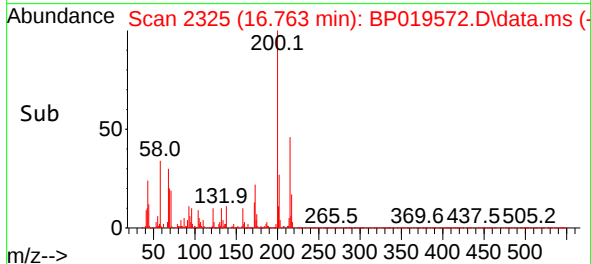
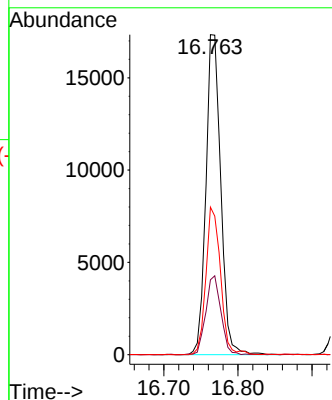
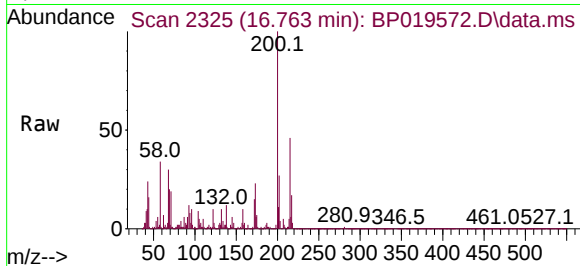




#69
Atrazine
Concen: 4.377 ng
RT: 16.763 min Scan# 21
Delta R.T. -0.017 min
Lab File: BP019572.D
Acq: 06 Feb 2024 14:11

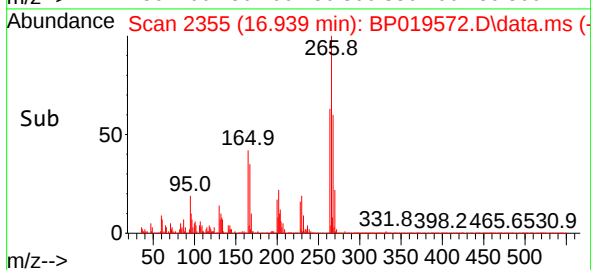
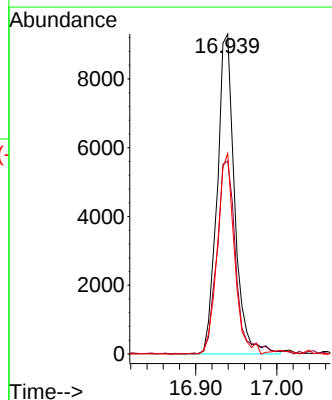
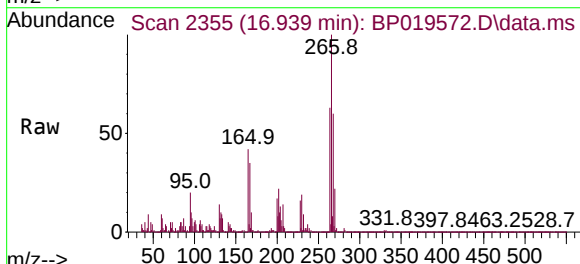
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT1-2024

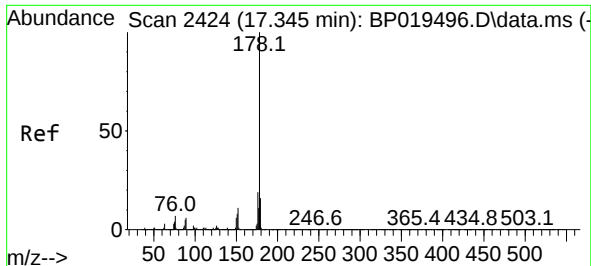
Tgt Ion:	200	Resp:	24137
Ion Ratio	Lower	Upper	
200	100		
173	23.4	1.7	41.7
215	46.1	26.9	66.9



#70
Pentachlorophenol
Concen: 2.769 ng
RT: 16.939 min Scan# 2355
Delta R.T. -0.006 min
Lab File: BP019572.D
Acq: 06 Feb 2024 14:11

Tgt Ion:	266	Resp:	13967
Ion Ratio	Lower	Upper	
266	100		
268	60.3	50.3	75.5
264	62.7	49.7	74.5

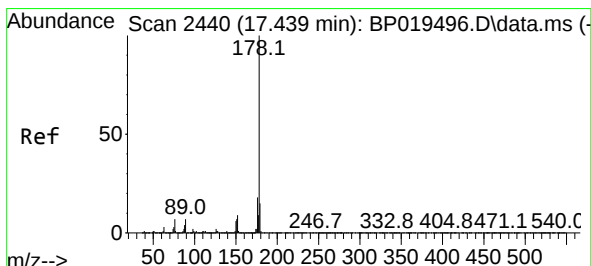
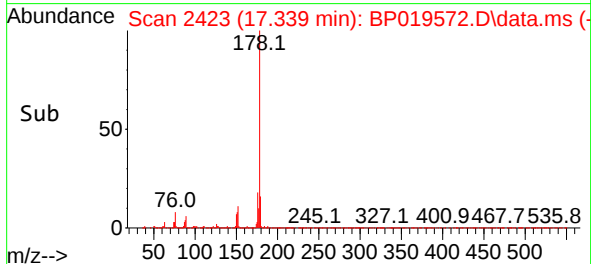
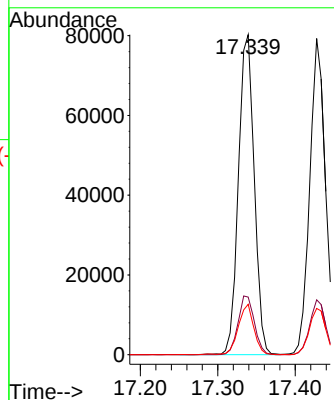
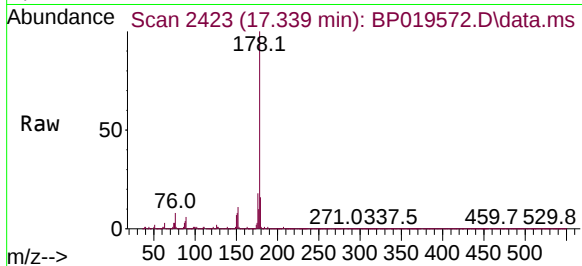




#71
Phenanthrene
Concen: 3.908 ng
RT: 17.339 min Scan# 2423
Delta R.T. -0.006 min
Lab File: BP019572.D
Acq: 06 Feb 2024 14:11

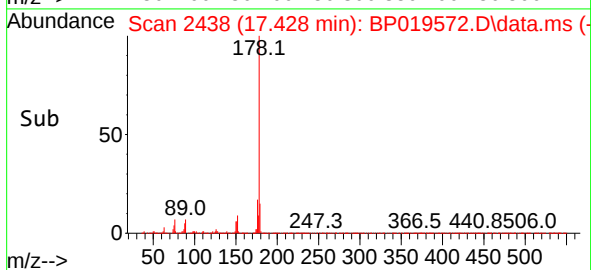
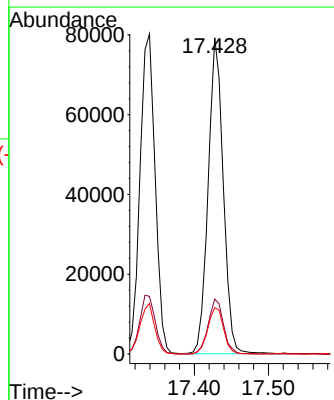
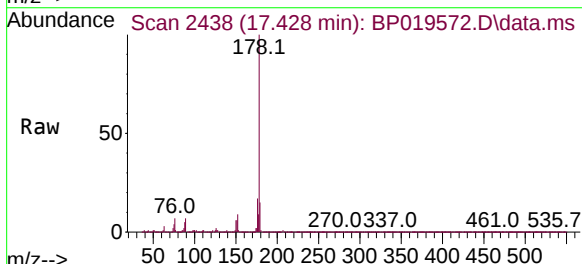
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT1-2024

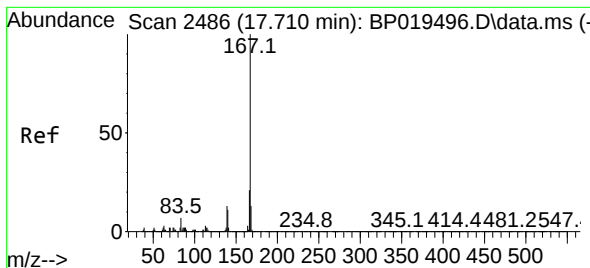
Tgt Ion:178 Resp: 114126
Ion Ratio Lower Upper
178 100
176 18.0 15.5 23.3
179 15.8 12.6 19.0



#72
Anthracene
Concen: 3.840 ng
RT: 17.428 min Scan# 2438
Delta R.T. -0.012 min
Lab File: BP019572.D
Acq: 06 Feb 2024 14:11

Tgt Ion:178 Resp: 111855
Ion Ratio Lower Upper
178 100
176 17.4 14.7 22.1
179 14.6 12.2 18.2





#73

Carbazole

Concen: 3.666 ng

RT: 17.704 min Scan# 2486

Delta R.T. -0.006 min

Lab File: BP019572.D

Acq: 06 Feb 2024 14:11

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-03-QT1-2024

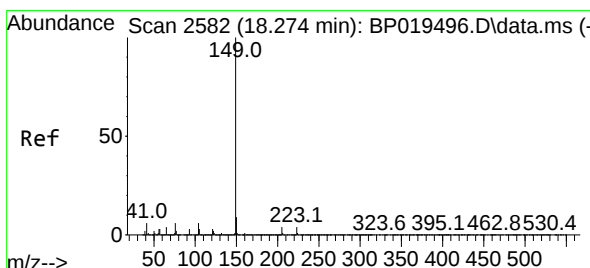
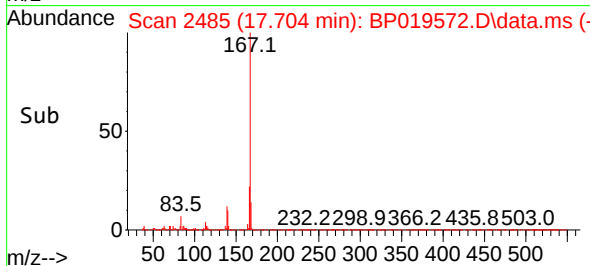
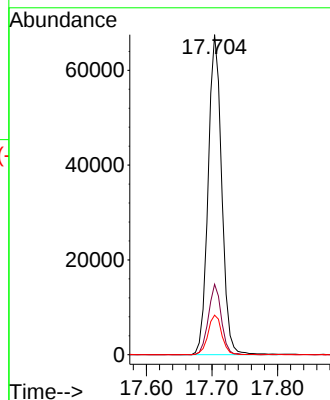
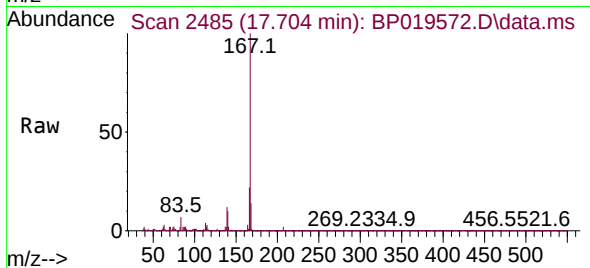
Tgt Ion:167 Resp: 97017

Ion Ratio Lower Upper

167 100

166 22.0 17.2 25.8

139 12.4 10.6 15.8



#74

Di-n-butylphthalate

Concen: 3.509 ng

RT: 18.269 min Scan# 2581

Delta R.T. -0.006 min

Lab File: BP019572.D

Acq: 06 Feb 2024 14:11

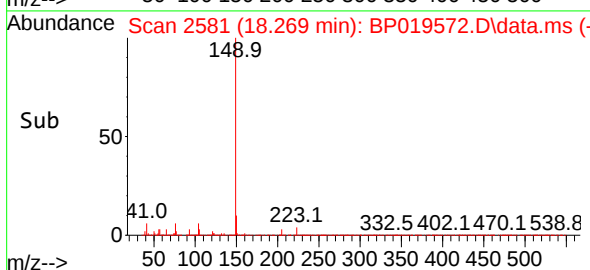
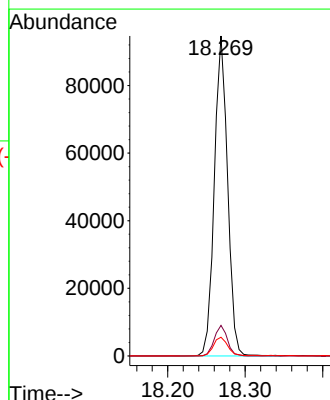
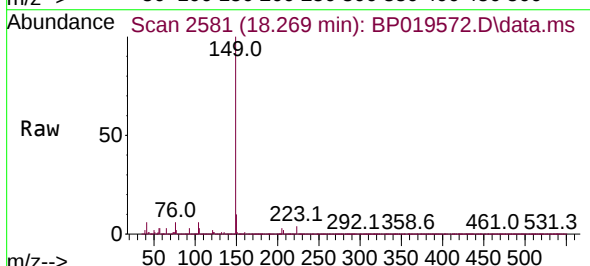
Tgt Ion:149 Resp: 112288

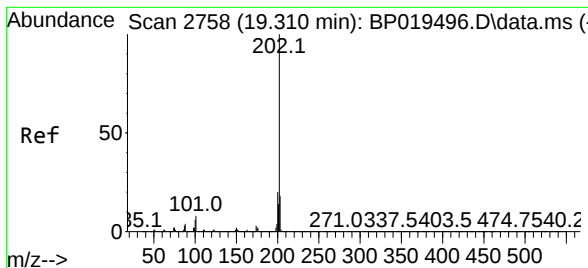
Ion Ratio Lower Upper

149 100

150 9.6 7.3 10.9

104 5.9 4.8 7.2





#75

Fluoranthene

Concen: 3.729 ng

RT: 19.304 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP019572.D

Acq: 06 Feb 2024 14:11

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-03-QT1-2024

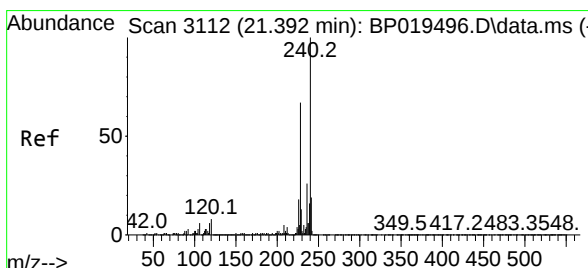
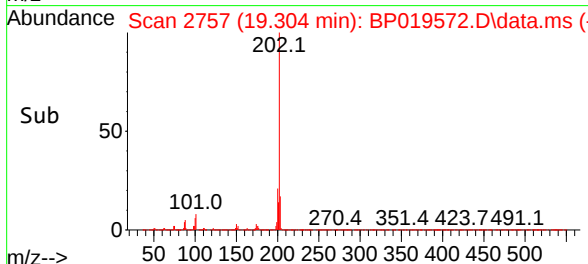
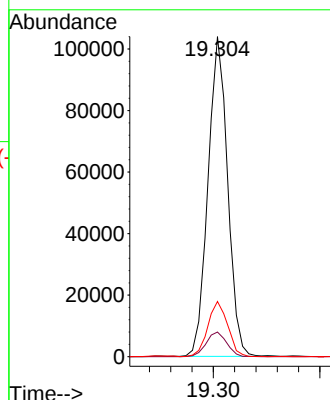
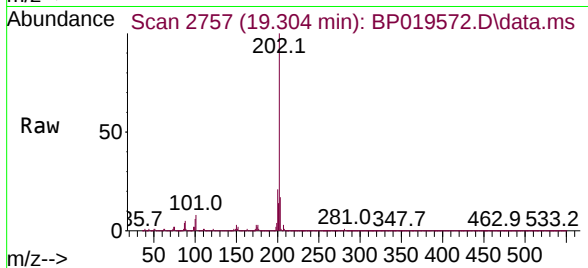
Tgt Ion:202 Resp: 133041

Ion Ratio Lower Upper

202 100

101 7.7 0.0 27.7

203 17.3 0.0 37.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.386 min Scan# 3111

Delta R.T. -0.006 min

Lab File: BP019572.D

Acq: 06 Feb 2024 14:11

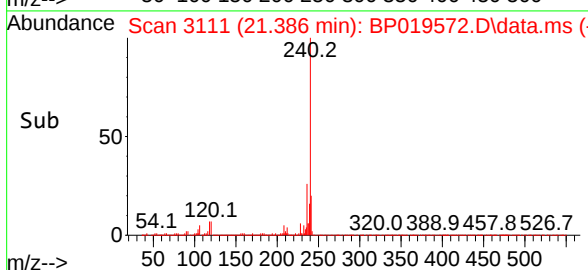
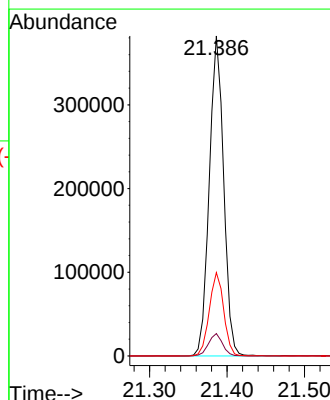
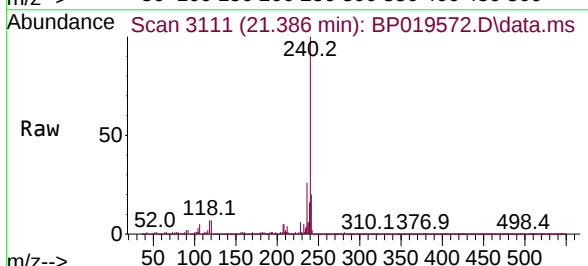
Tgt Ion:240 Resp: 492595

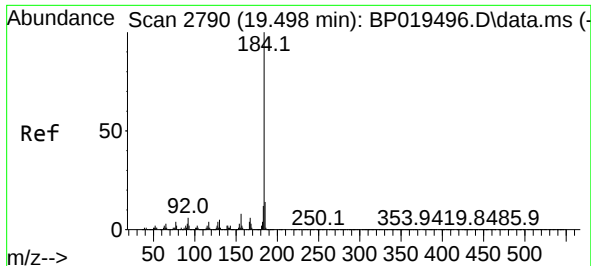
Ion Ratio Lower Upper

240 100

120 7.0 6.1 9.1

236 26.0 20.7 31.1

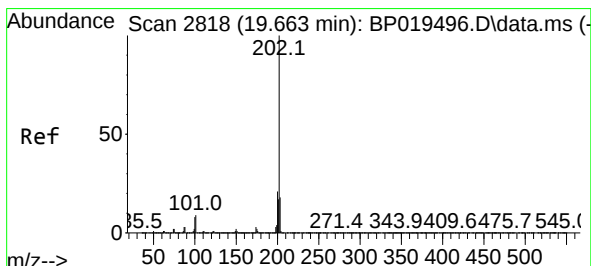
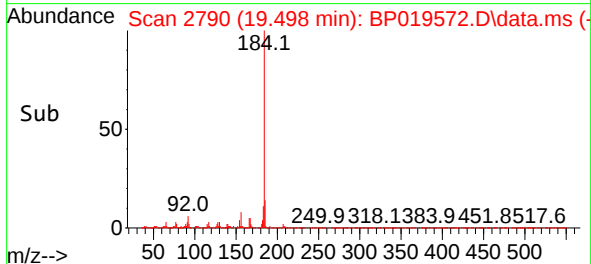
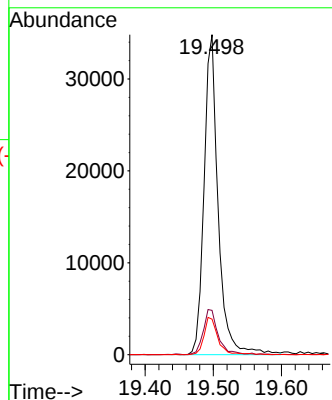
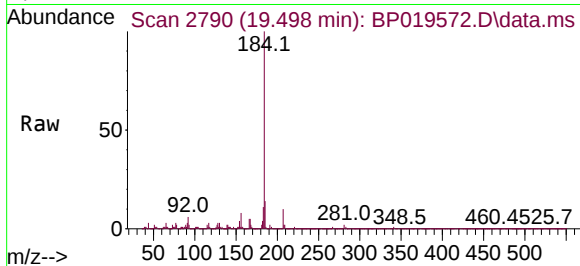




#77
Benzidine
Concen: 4.859 ng
RT: 19.498 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP019572.D
Acq: 06 Feb 2024 14:11

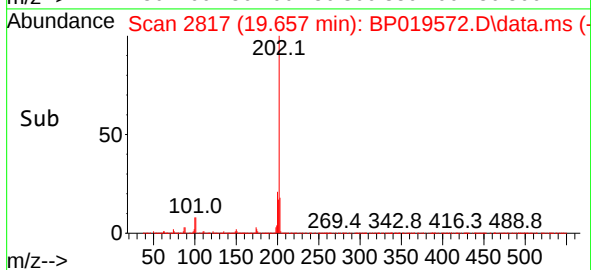
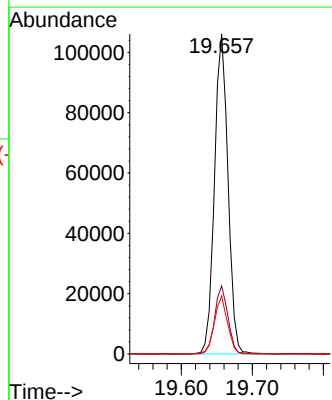
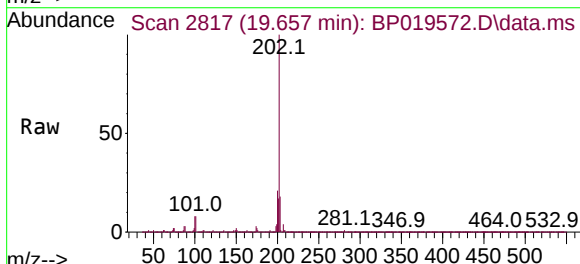
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT1-2024

Tgt Ion:184 Resp: 50039
Ion Ratio Lower Upper
184 100
185 13.9 11.1 16.7
183 11.1 9.7 14.5



#78
Pyrene
Concen: 4.018 ng
RT: 19.657 min Scan# 2817
Delta R.T. -0.006 min
Lab File: BP019572.D
Acq: 06 Feb 2024 14:11

Tgt Ion:202 Resp: 139681
Ion Ratio Lower Upper
202 100
200 21.3 16.9 25.3
203 18.2 14.2 21.2





#79

Terphenyl-d14

Concen: 90.639 ng

RT: 19.869 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP019572.D

Acq: 06 Feb 2024 14:11

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-03-QT1-2024

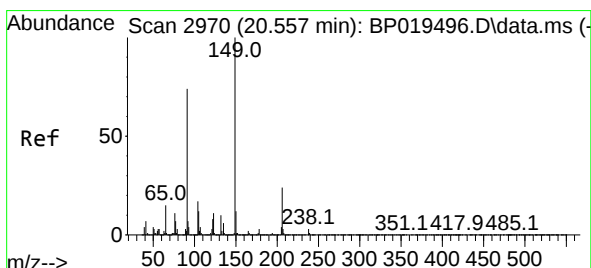
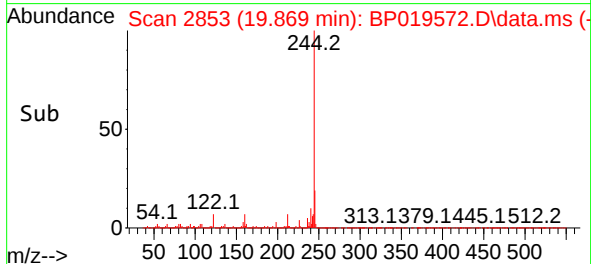
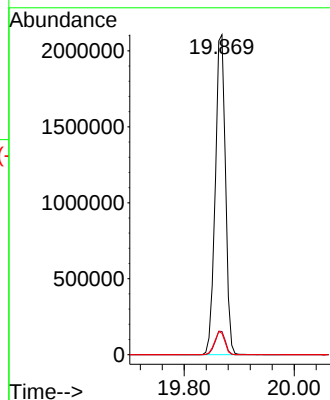
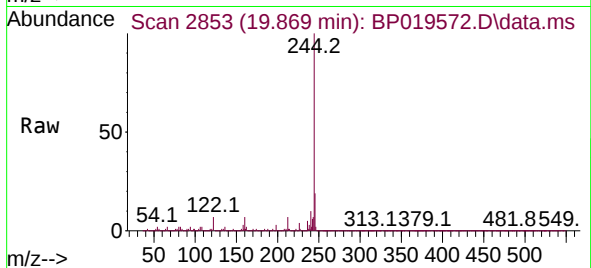
Tgt Ion:244 Resp: 2714937

Ion Ratio Lower Upper

244 100

212 7.3 6.1 9.1

122 6.7 5.9 8.9



#80

Butylbenzylphthalate

Concen: 3.262 ng

RT: 20.551 min Scan# 2969

Delta R.T. -0.006 min

Lab File: BP019572.D

Acq: 06 Feb 2024 14:11

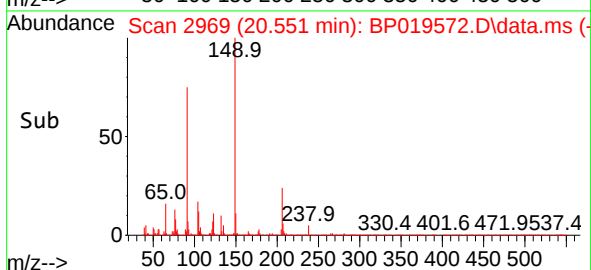
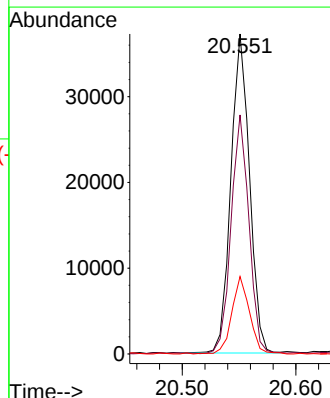
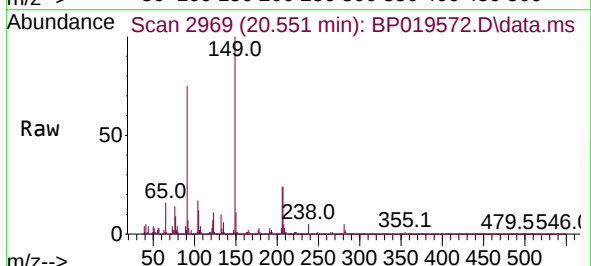
Tgt Ion:149 Resp: 42350

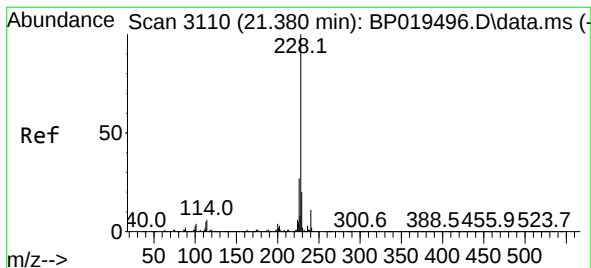
Ion Ratio Lower Upper

149 100

91 74.7 59.4 89.0

206 24.2 19.0 28.6





#81

Benzo(a)anthracene

Concen: 3.849 ng

RT: 21.368 min Scan# 3110

Delta R.T. -0.012 min

Lab File: BP019572.D

Acq: 06 Feb 2024 14:11

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-03-QT1-2024

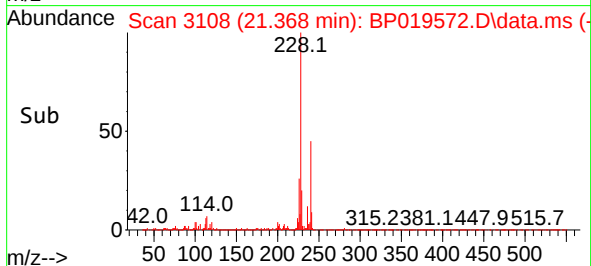
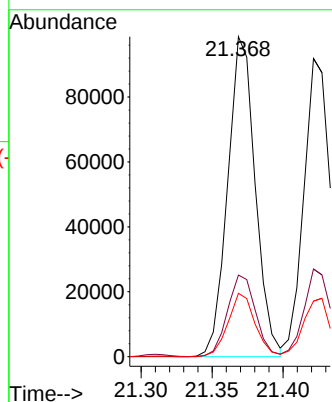
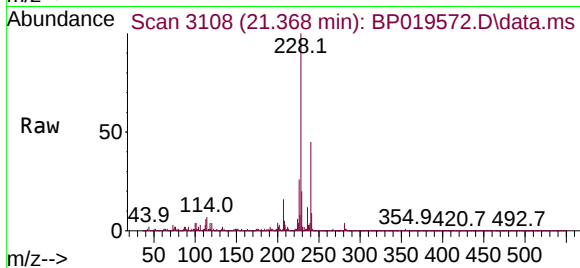
Tgt Ion:228 Resp: 133456

Ion Ratio Lower Upper

228 100

226 25.5 21.7 32.5

229 19.8 15.6 23.4



#82

3,3'-Dichlorobenzidine

Concen: 3.261 ng

RT: 21.310 min Scan# 3098

Delta R.T. -0.006 min

Lab File: BP019572.D

Acq: 06 Feb 2024 14:11

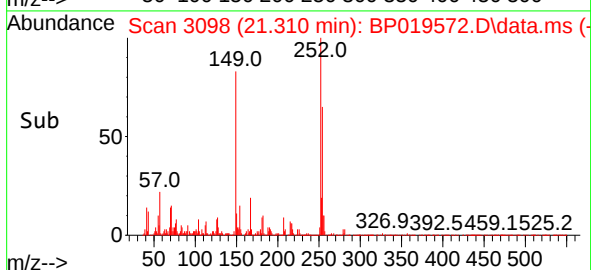
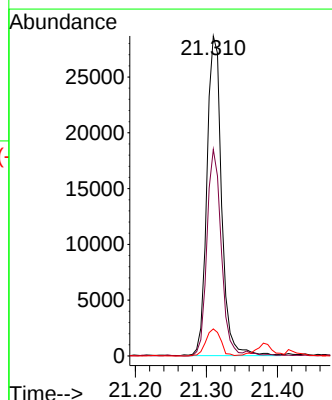
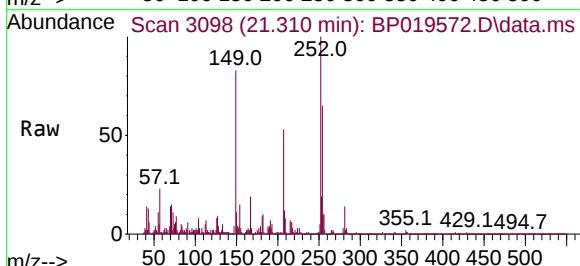
Tgt Ion:252 Resp: 41204

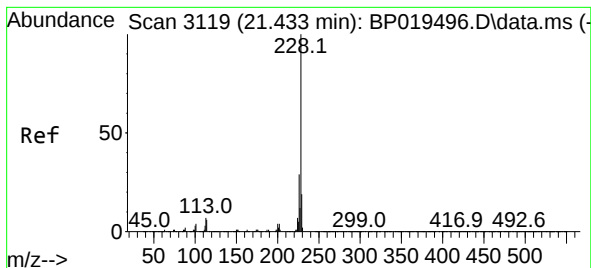
Ion Ratio Lower Upper

252 100

254 64.6 50.7 76.1

126 8.5 6.4 9.6





#83

Chrysene

Concen: 3.616 ng

RT: 21.421 min Scan# 3119

Delta R.T. -0.012 min

Lab File: BP019572.D

Acq: 06 Feb 2024 14:11

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-03-QT1-2024

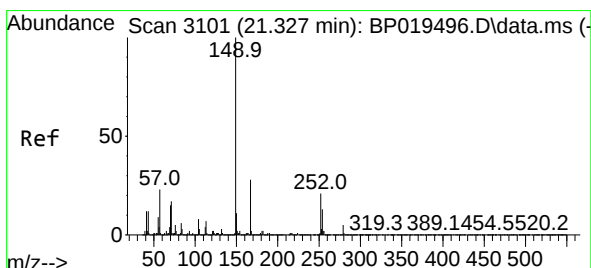
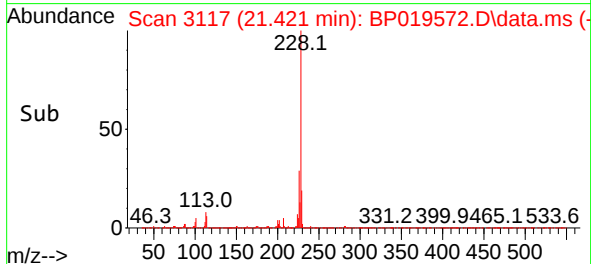
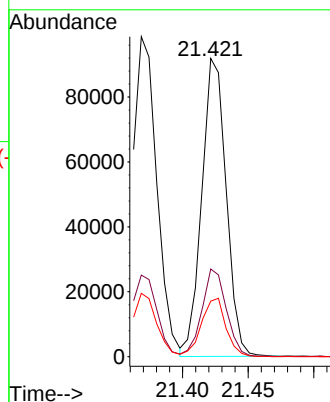
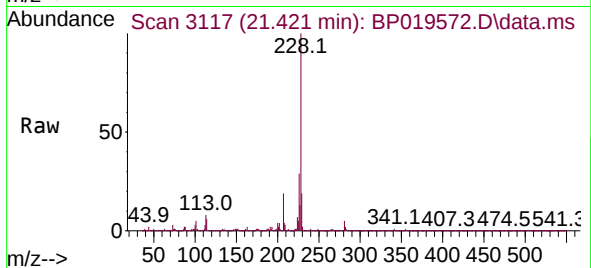
Tgt Ion:228 Resp: 119056

Ion Ratio Lower Upper

228 100

226 29.4 23.4 35.2

229 18.6 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.265 ng

RT: 21.321 min Scan# 3100

Delta R.T. -0.006 min

Lab File: BP019572.D

Acq: 06 Feb 2024 14:11

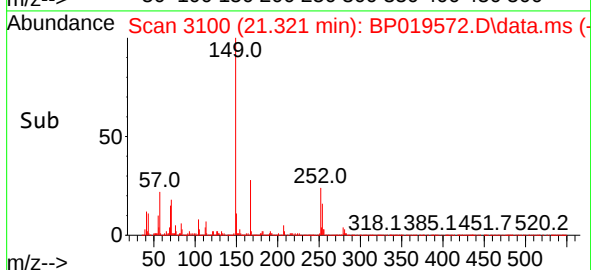
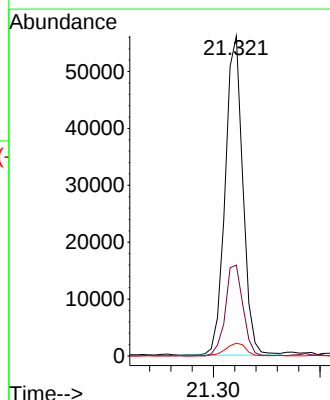
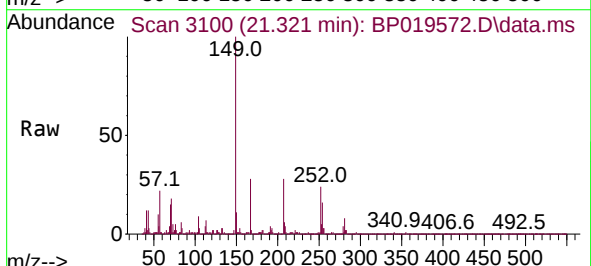
Tgt Ion:149 Resp: 64539

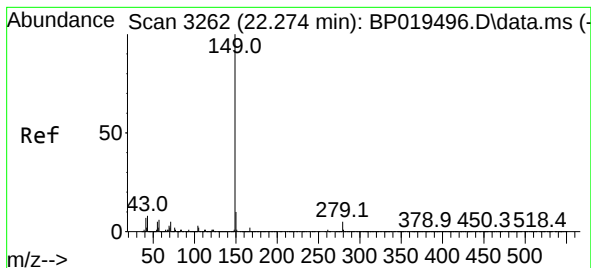
Ion Ratio Lower Upper

149 100

167 28.4 22.7 34.1

279 4.0 4.2 6.2#





#85

Di-n-octyl phthalate

Concen: 2.430 ng

RT: 22.263 min Scan# 31

Delta R.T. -0.012 min

Lab File: BP019572.D

Acq: 06 Feb 2024 14:11

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-03-QT1-2024

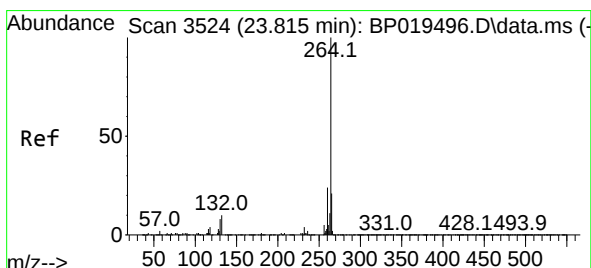
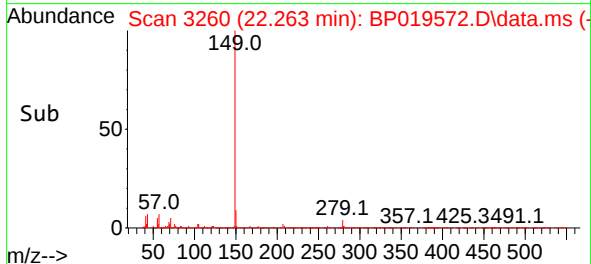
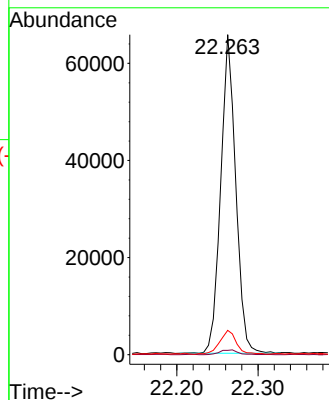
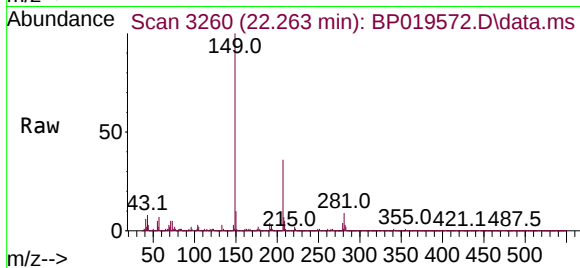
Tgt Ion:149 Resp: 84507

Ion Ratio Lower Upper

149 100

167 1.8 1.3 1.9

43 8.2 6.3 9.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.804 min Scan# 3522

Delta R.T. -0.012 min

Lab File: BP019572.D

Acq: 06 Feb 2024 14:11

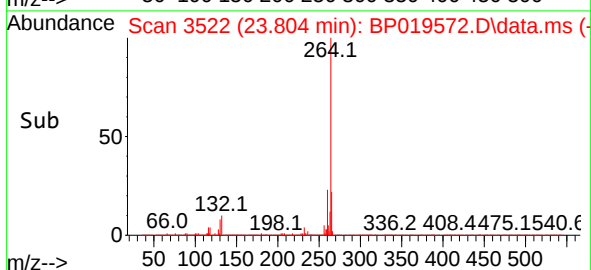
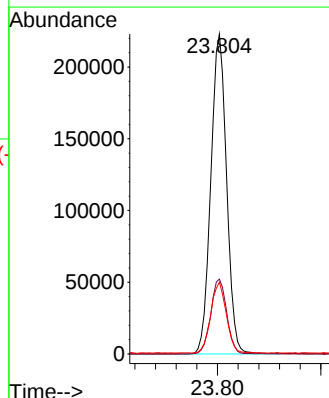
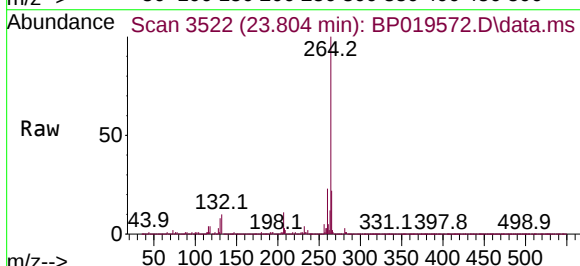
Tgt Ion:264 Resp: 472059

Ion Ratio Lower Upper

264 100

260 23.4 19.2 28.8

265 22.5 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 3.261 ng

RT: 26.321 min Scan# 3405

Delta R.T. -0.023 min

Lab File: BP019572.D

Acq: 06 Feb 2024 14:11

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-03-QT1-2024

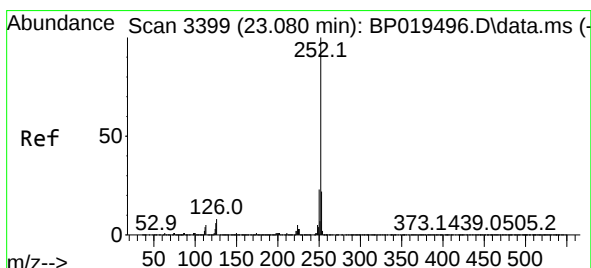
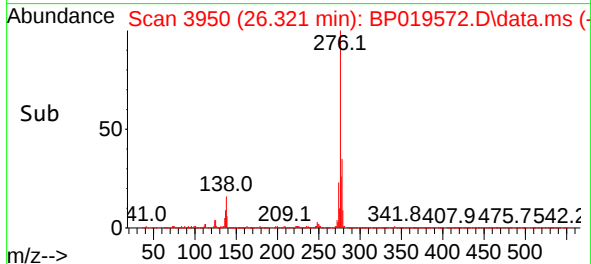
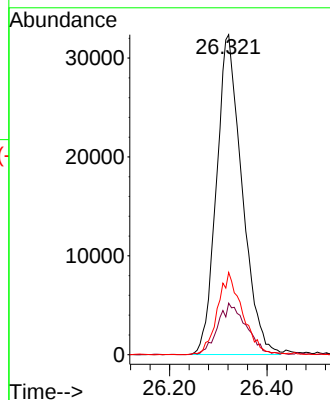
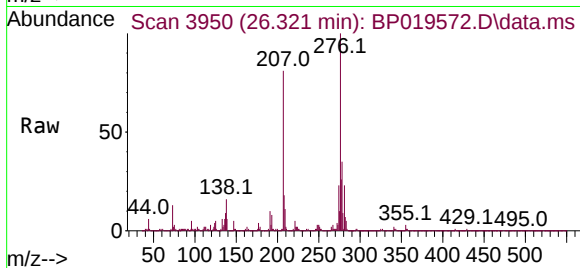
Tgt Ion:276 Resp: 117827

Ion Ratio Lower Upper

276 100

138 17.9 13.1 19.7

277 25.1 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 3.481 ng

RT: 23.115 min Scan# 3405

Delta R.T. 0.035 min

Lab File: BP019572.D

Acq: 06 Feb 2024 14:11

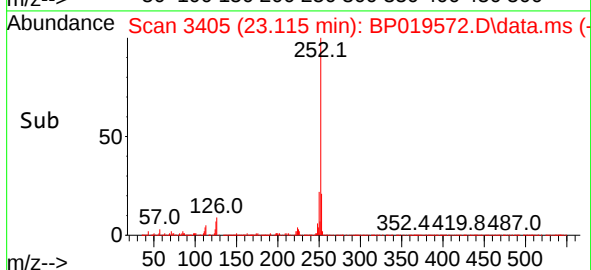
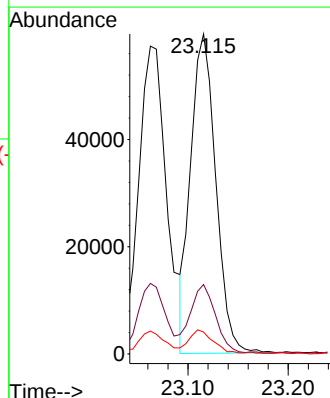
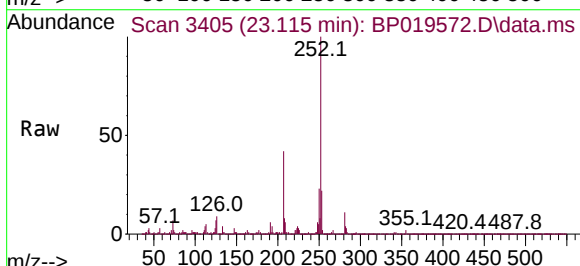
Tgt Ion:252 Resp: 103571

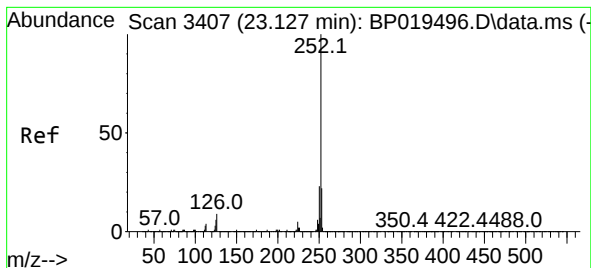
Ion Ratio Lower Upper

252 100

253 21.7 17.3 25.9

125 6.8 4.9 7.3





#89

Benzo(k)fluoranthene

Concen: 3.644 ng

RT: 23.115 min Scan# 34

Delta R.T. -0.012 min

Lab File: BP019572.D

Acq: 06 Feb 2024 14:11

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-03-QT1-2024

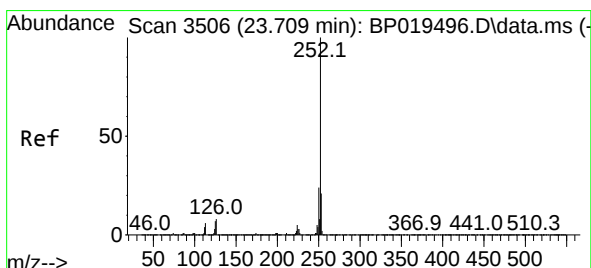
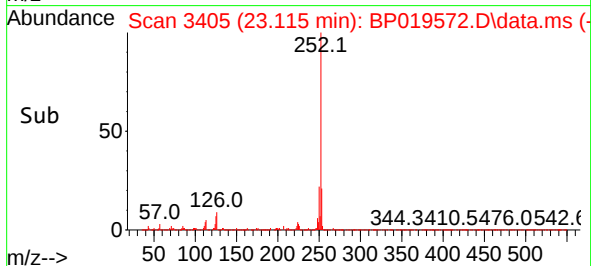
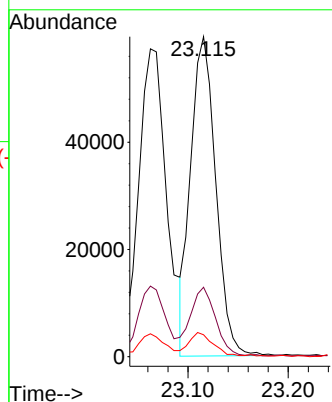
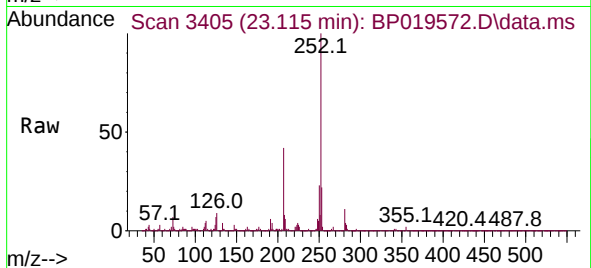
Tgt Ion:252 Resp: 103571

Ion Ratio Lower Upper

252 100

253 21.7 17.1 25.7

125 6.8 5.0 7.6



#90

Benzo(a)pyrene

Concen: 3.508 ng

RT: 23.692 min Scan# 3503

Delta R.T. -0.017 min

Lab File: BP019572.D

Acq: 06 Feb 2024 14:11

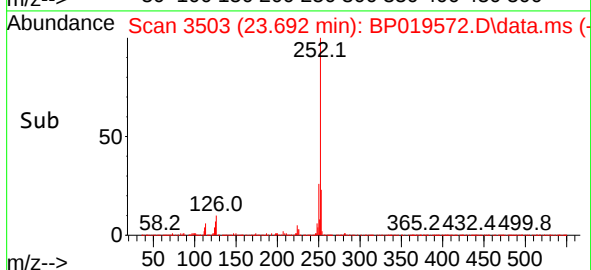
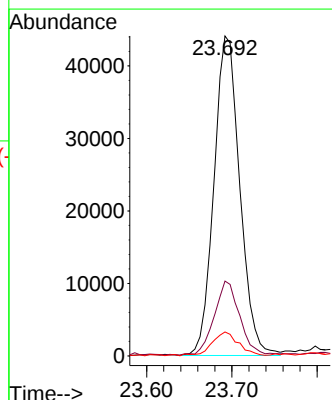
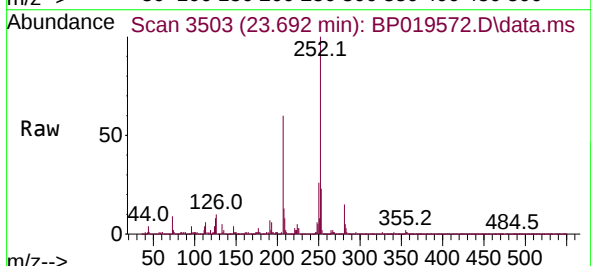
Tgt Ion:252 Resp: 92872

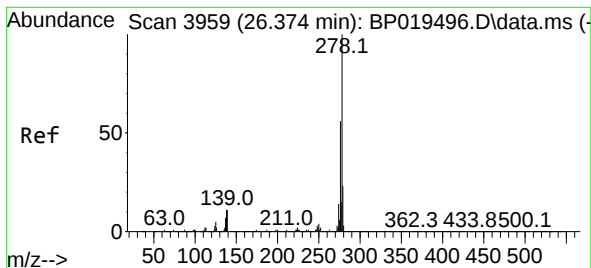
Ion Ratio Lower Upper

252 100

253 23.4 17.1 25.7

125 7.5 5.6 8.4





#91

Dibenzo(a,h)anthracene

Concen: 3.332 ng

RT: 26.351 min Scan# 3955

Delta R.T. -0.023 min

Lab File: BP019572.D

Acq: 06 Feb 2024 14:11

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-03-QT1-2024

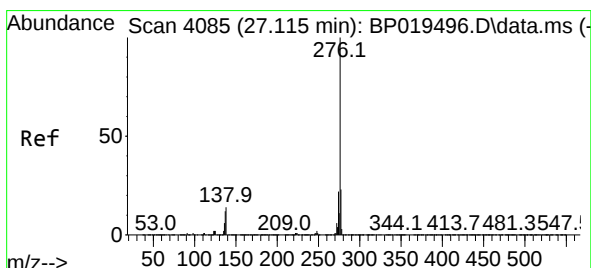
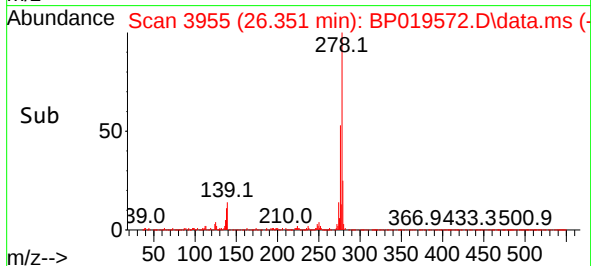
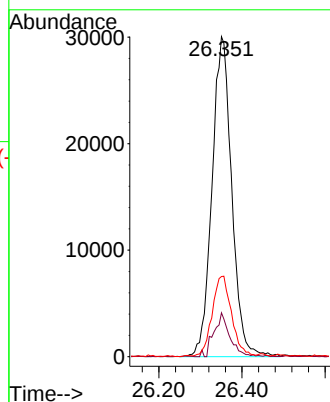
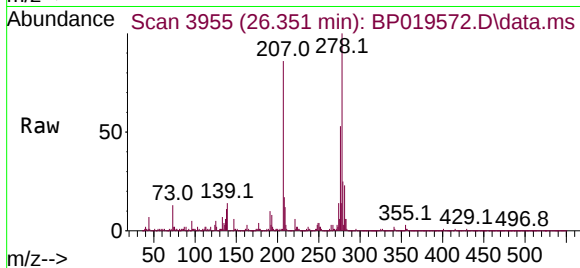
Tgt Ion:278 Resp: 99027

Ion Ratio Lower Upper

278 100

139 13.7 8.6 12.8#

279 25.1 18.5 27.7



#92

Benzo(g,h,i)perylene

Concen: 3.211 ng

RT: 27.086 min Scan# 4080

Delta R.T. -0.029 min

Lab File: BP019572.D

Acq: 06 Feb 2024 14:11

Tgt Ion:276 Resp: 96814

Ion Ratio Lower Upper

276 100

277 22.5 18.6 28.0

138 16.5 10.9 16.3#

