

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111621\
 Data File : BP007996.D
 Acq On : 16 Nov 2021 12:46
 Operator : CG/JU
 Sample : M4068-03
 Misc : MDL-MDL-SOIL 4ppm
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MDL-SOIL-03-QT4-2021

Quant Time: Nov 16 14:20:55 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 16 12:59:06 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.840	152	137376	20.000	ng	0.00
21) Naphthalene-d8	10.634	136	492554	20.000	ng	# 0.00
39) Acenaphthene-d10	14.475	164	344257	20.000	ng	0.00
64) Phenanthrene-d10	17.234	188	780151	20.000	ng	# 0.00
76) Chrysene-d12	21.327	240	981330	20.000	ng	# 0.00
86) Perylene-d12	23.727	264	1127744	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	1030357	121.671	ng	0.00
7) Phenol-d6	7.016	99	1407497	124.935	ng	0.00
23) Nitrobenzene-d5	8.999	82	812977	88.326	ng	0.00
42) 2,4,6-Tribromophenol	15.975	330	792647	146.340	ng	0.00
45) 2-Fluorobiphenyl	13.104	172	2072738	84.456	ng	0.00
79) Terphenyl-d14	19.798	244	3518542	72.703	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.334	88	13122	3.682	ng	98
3) Pyridine	3.746	79	30138	2.948	ng	97
4) n-Nitrosodimethylamine	3.646	42	16262	4.307	ng	97
6) Aniline	7.169	93	56341	4.429	ng	95
8) 2-Chlorophenol	7.405	128	37809	4.223	ng	99
9) Benzaldehyde	6.981	77	31548	4.342	ng	98
10) Phenol	7.040	94	45216	4.137	ng	87
11) bis(2-Chloroethyl)ether	7.264	93	35598	3.963	ng	99
12) 1,3-Dichlorobenzene	7.728	146	43486	4.319	ng	98
13) 1,4-Dichlorobenzene	7.875	146	43874	4.286	ng	96
14) 1,2-Dichlorobenzene	8.193	146	41990	4.063	ng	99
15) Benzyl Alcohol	8.081	79	32384	3.800	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.375	45	43645	4.021	ng	98
17) 2-Methylphenol	8.287	107	30038	3.990	ng	98
18) Hexachloroethane	8.916	117	13783	3.971	ng	95
19) n-Nitroso-di-n-propyla...	8.646	70	26002	3.708	ng	95
20) 3+4-Methylphenols	8.622	107	36526	3.502	ng	96
22) Acetophenone	8.663	105	51808	4.135	ng	# 98
24) Nitrobenzene	9.040	77	40327	4.584	ng	99
25) Isophorone	9.569	82	65154	4.070	ng	97
26) 2-Nitrophenol	9.752	139	16587	3.693	ng	# 94
27) 2,4-Dimethylphenol	9.822	122	31771	4.789	ng	94
28) bis(2-Chloroethoxy)met...	10.052	93	42653	4.015	ng	96
29) 2,4-Dichlorophenol	10.293	162	32337	3.960	ng	95
30) 1,2,4-Trichlorobenzene	10.505	180	41404	4.431	ng	98
31) Naphthalene	10.687	128	111623	4.438	ng	99
32) Benzoic acid	9.905	122	9758	1.702	ng	88
33) 4-Chloroaniline	10.805	127	44291	4.100	ng	98
34) Hexachlorobutadiene	10.981	225	28318	4.435	ng	95
35) Caprolactam	11.581	113	9012	5.025	ng	88
36) 4-Chloro-3-methylphenol	11.934	107	35217	3.817	ng	98
37) 2-Methylnaphthalene	12.299	142	83216	4.527	ng	98
38) 1-Methylnaphthalene	12.516	142	77644	4.331	ng	98
40) 1,2,4,5-Tetrachloroben...	12.669	216	47506	4.142	ng	99
41) Hexachlorocyclopentadiene	12.651	237	17292	3.283	ng	93
43) 2,4,6-Trichlorophenol	12.916	196	28805	3.675	ng	97

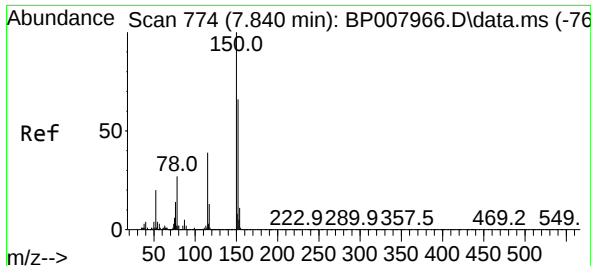
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 16 12:59:06 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.993	196	30220	3.548	ng	91
46) 1,1'-Biphenyl	13.310	154	108020	4.201	ng	97
47) 2-Chloronaphthalene	13.351	162	87403	4.345	ng	99
48) 2-Nitroaniline	13.557	65	19790	3.467	ng	91
49) Acenaphthylene	14.198	152	128935	4.214	ng	98
50) Dimethylphthalate	13.940	163	110163	4.045	ng	99
51) 2,6-Dinitrotoluene	14.051	165	21141	3.736	ng	89
52) Acenaphthene	14.540	154	79586	4.345	ng	99
53) 3-Nitroaniline	14.387	138	20090	3.482	ng #	90
54) 2,4-Dinitrophenol	14.604	184	7897	2.313	ng	95
55) Dibenzofuran	14.875	168	135663	4.356	ng	98
56) 4-Nitrophenol	14.716	139	14081	2.995	ng	85
57) 2,4-Dinitrotoluene	14.845	165	28300	3.757	ng	99
58) Fluorene	15.528	166	109142	4.404	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.110	232	30099	3.880	ng #	91
60) Diethylphthalate	15.304	149	107984	4.113	ng	98
61) 4-Chlorophenyl-phenyle...	15.522	204	59895	4.469	ng	97
62) 4-Nitroaniline	15.545	138	20949	3.533	ng	96
63) Azobenzene	15.816	77	89896	4.067	ng	97
65) 4,6-Dinitro-2-methylph...	15.610	198	13356	2.612	ng	98
66) n-Nitrosodiphenylamine	15.740	169	95211	4.264	ng	100
67) 4-Bromophenyl-phenylether	16.422	248	38395	4.208	ng	99
68) Hexachlorobenzene	16.540	284	45430	4.421	ng	94
69) Atrazine	16.698	200	36514	6.272	ng	97
70) Pentachlorophenol	16.887	266	21556	3.440	ng	94
71) Phenanthrene	17.275	178	183806	4.422	ng	100
72) Anthracene	17.369	178	179841	4.414	ng	98
73) Carbazole	17.639	167	161080	4.015	ng	99
74) Di-n-butylphthalate	18.198	149	173306	3.817	ng	100
75) Fluoranthene	19.245	202	228967	4.351	ng	98
77) Benzidine	19.428	184	103970	6.905	ng	100
78) Pyrene	19.598	202	245386	4.181	ng	99
80) Butylbenzylphthalate	20.475	149	82105	3.388	ng	97
81) Benzo(a)anthracene	21.310	228	270621	4.189	ng	99
82) 3,3'-Dichlorobenzidine	21.245	252	96292	3.229	ng	97
83) Chrysene	21.363	228	268462	4.335	ng	99
84) Bis(2-ethylhexyl)phtha...	21.245	149	129945	3.756	ng #	97
85) Di-n-octyl phthalate	22.169	149	226355	3.550	ng	98
87) Indeno(1,2,3-cd)pyrene	26.233	276	345846	4.248	ng #	94
88) Benzo(b)fluoranthene	22.998	252	305087	4.545	ng	99
89) Benzo(k)fluoranthene	22.998	252	305087	4.549	ng	99
90) Benzo(a)pyrene	23.621	252	285667	4.975	ng #	96
91) Dibenzo(a,h)anthracene	26.251	278	297031	4.398	ng #	96
92) Benzo(g,h,i)perylene	26.998	276	295662	4.441	ng	96

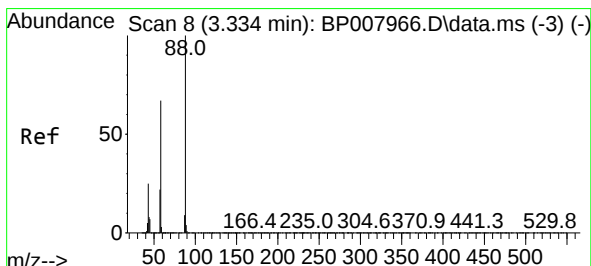
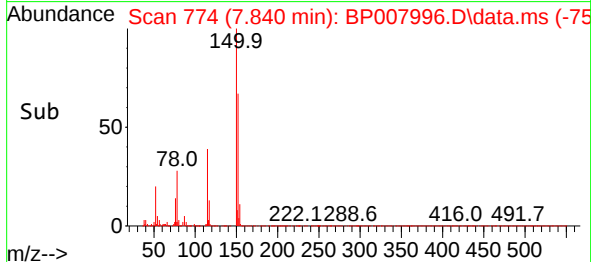
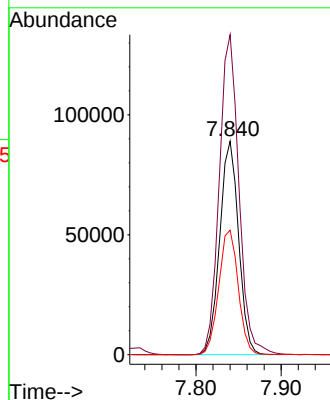
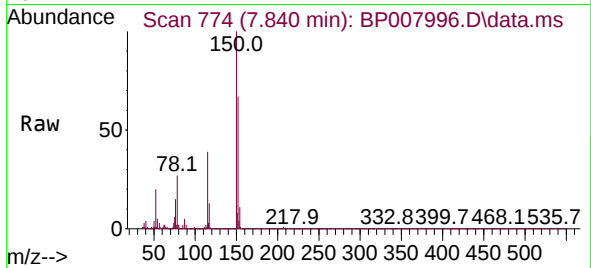
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.840 min Scan# 7
Delta R.T. -0.000 min
Lab File: BP007996.D
Acq: 16 Nov 2021 12:46

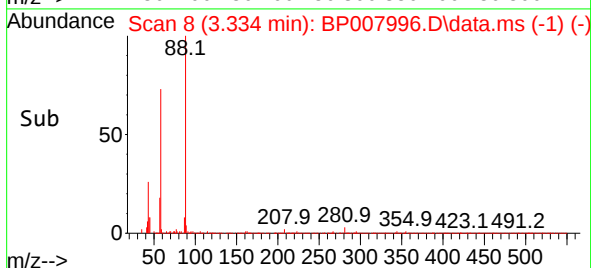
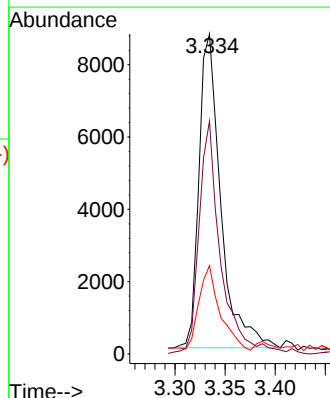
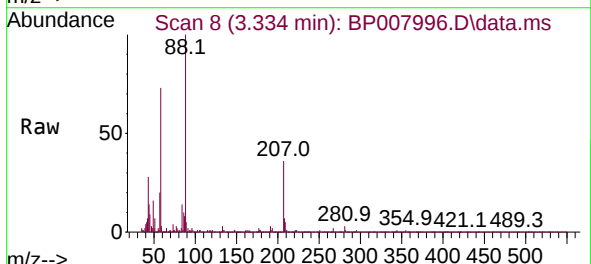
Instrument :
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ClientSampleId :
MDL-SOIL-03-QT4-2021

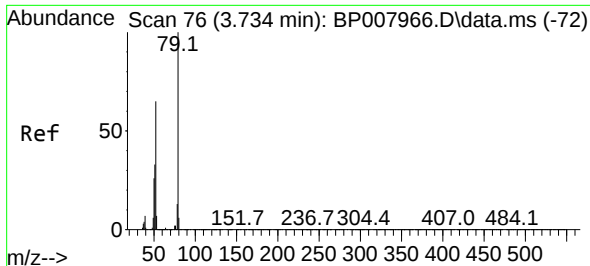
Tgt Ion:152 Resp: 137376
Ion Ratio Lower Upper
152 100
150 150.0 124.1 186.1
115 58.3 48.1 72.1



#2
1,4-Dioxane
Concen: 3.682 ng
RT: 3.334 min Scan# 8
Delta R.T. 0.000 min
Lab File: BP007996.D
Acq: 16 Nov 2021 12:46

Tgt Ion: 88 Resp: 13122
Ion Ratio Lower Upper
88 100
58 73.3 58.1 87.1
43 25.8 22.2 33.4

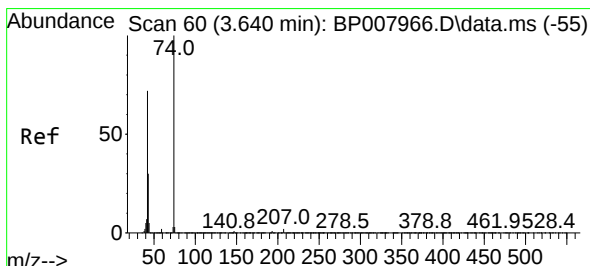
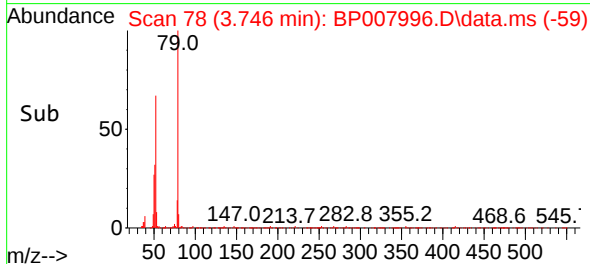
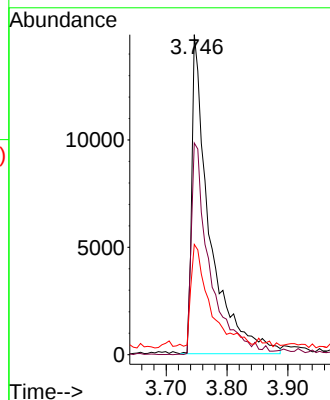
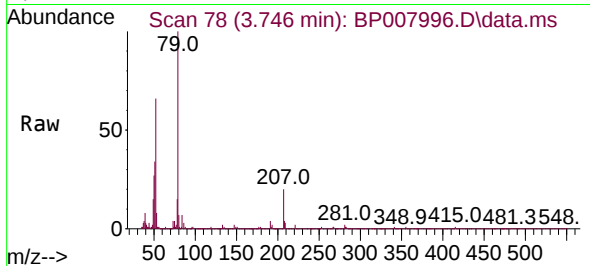




#3
Pyridine
Concen: 2.948 ng
RT: 3.746 min Scan# 71
Delta R.T. 0.012 min
Lab File: BP007996.D
Acq: 16 Nov 2021 12:46

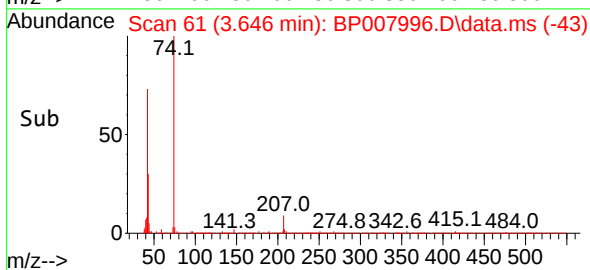
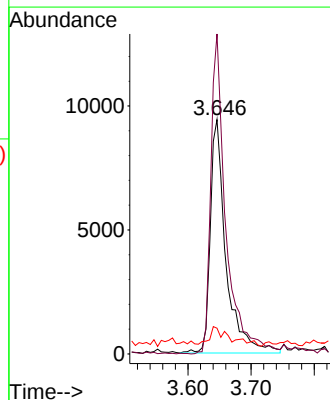
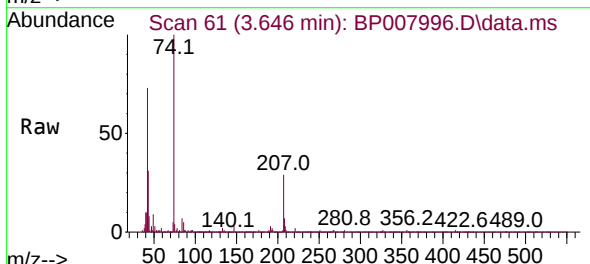
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT4-2021

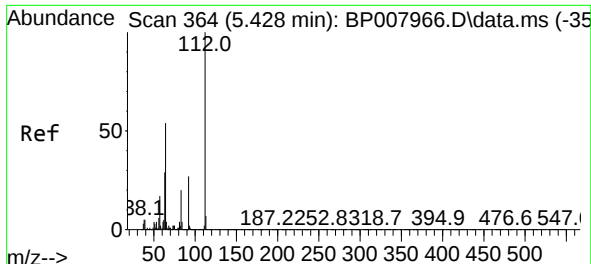
Tgt Ion:	79	Resp:	30138
Ion	Ratio	Lower	Upper
79	100		
52	66.1	55.7	83.5
51	34.5	28.5	42.7



#4
n-Nitrosodimethylamine
Concen: 4.307 ng
RT: 3.646 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP007996.D
Acq: 16 Nov 2021 12:46

Tgt Ion:	42	Resp:	16262
Ion	Ratio	Lower	Upper
42	100		
74	136.5	107.0	160.4
44	11.0	7.4	11.2

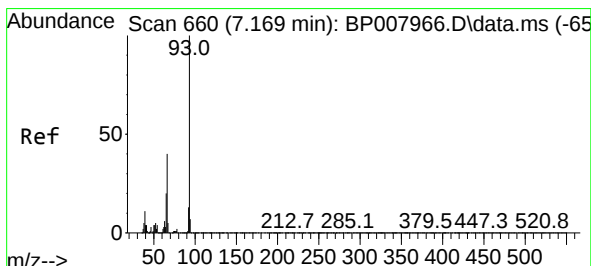
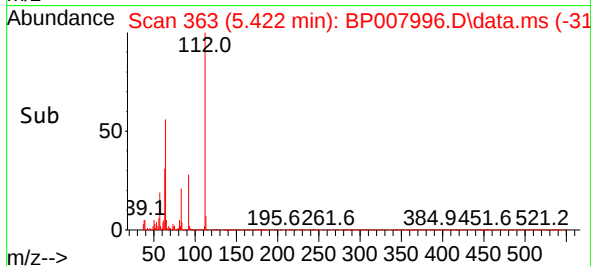
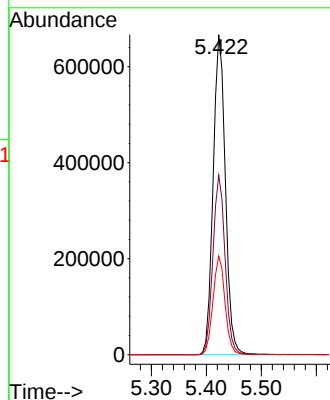
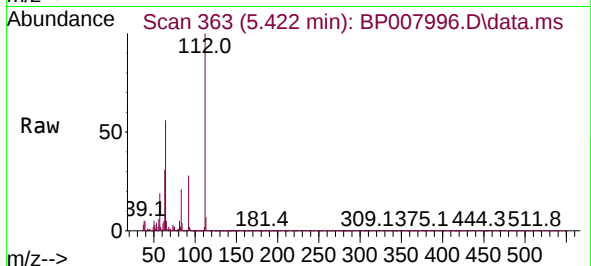




#5
2-Fluorophenol
Concen: 121.671 ng
RT: 5.422 min Scan# 30
Delta R.T. -0.006 min
Lab File: BP007996.D
Acq: 16 Nov 2021 12:46

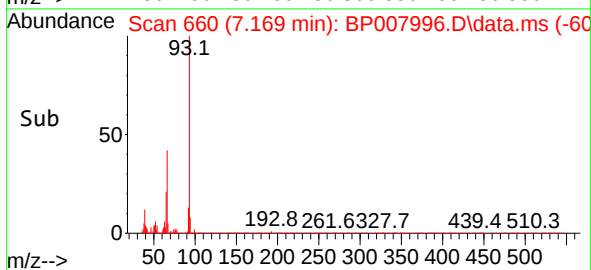
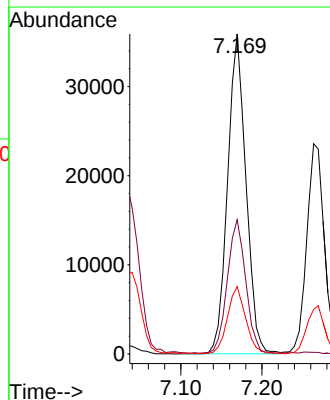
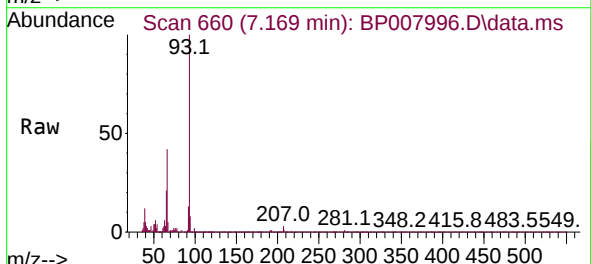
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT4-2021

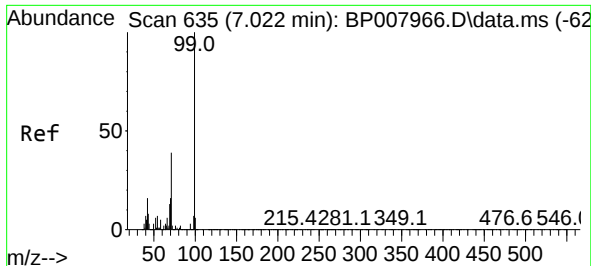
Tgt Ion:112 Resp: 1030357
Ion Ratio Lower Upper
112 100
64 56.0 46.6 70.0
63 30.8 25.0 37.6



#6
Aniline
Concen: 4.429 ng
RT: 7.169 min Scan# 660
Delta R.T. 0.000 min
Lab File: BP007996.D
Acq: 16 Nov 2021 12:46

Tgt Ion: 93 Resp: 56341
Ion Ratio Lower Upper
93 100
66 42.0 30.5 45.7
65 21.0 15.8 23.8

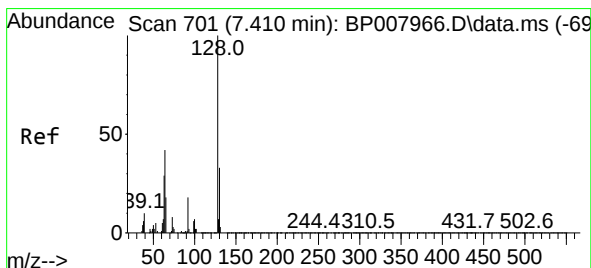
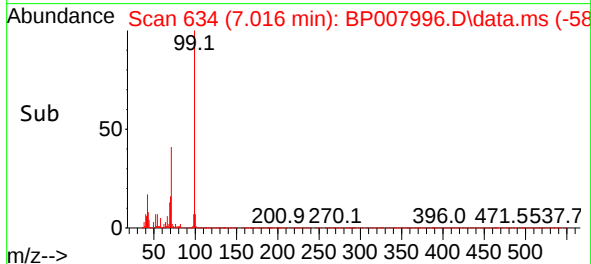
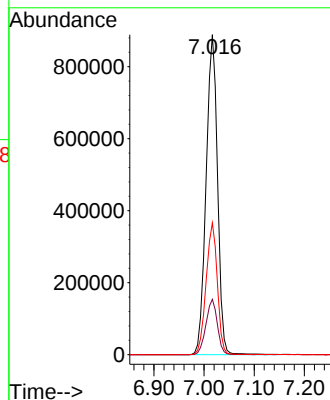
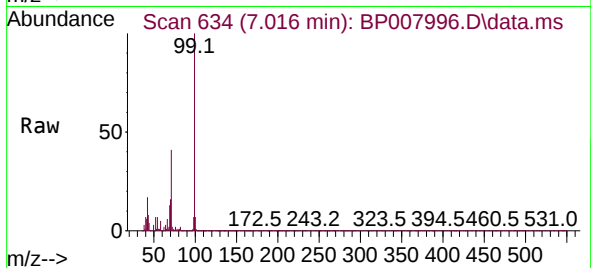




#7
Phenol-d6
Concen: 124.935 ng
RT: 7.016 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP007996.D
Acq: 16 Nov 2021 12:46

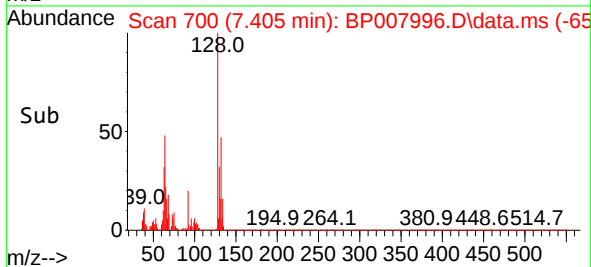
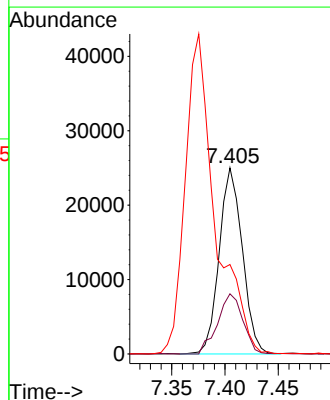
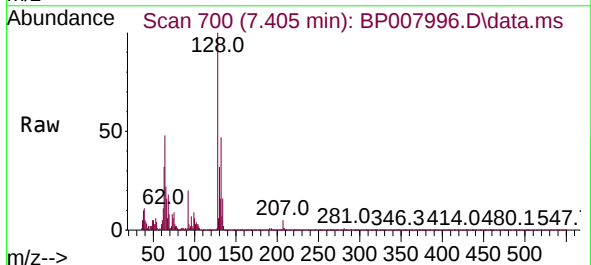
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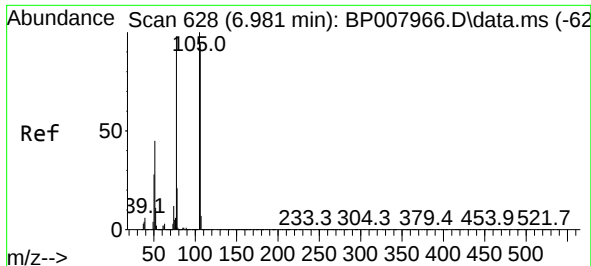
Tgt Ion: 99 Resp: 1407497
Ion Ratio Lower Upper
99 100
42 17.3 14.9 22.3
71 41.2 29.2 43.8



#8
2-Chlorophenol
Concen: 4.223 ng
RT: 7.405 min Scan# 700
Delta R.T. -0.006 min
Lab File: BP007996.D
Acq: 16 Nov 2021 12:46

Tgt Ion:128 Resp: 37809
Ion Ratio Lower Upper
128 100
130 32.4 12.0 52.0
64 48.0 27.0 67.0

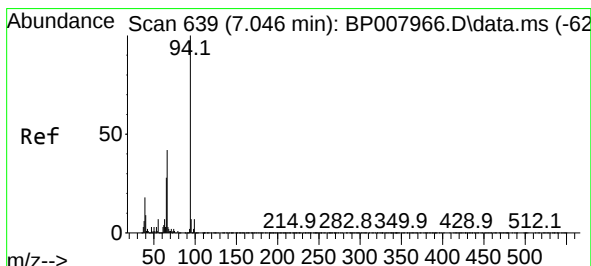
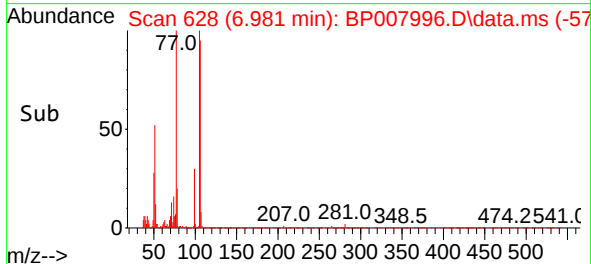
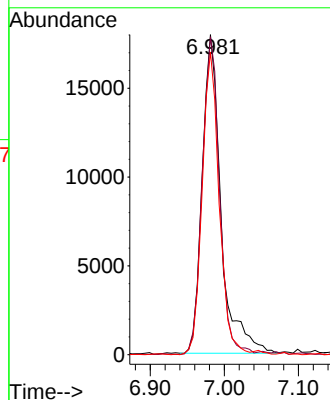
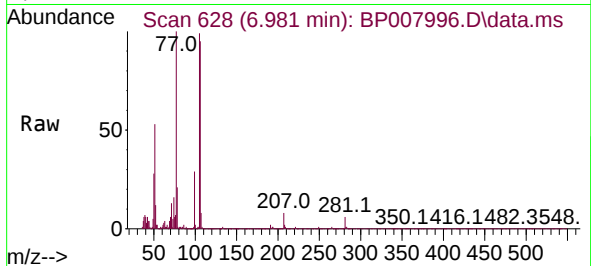




#9
Benzaldehyde
Concen: 4.342 ng
RT: 6.981 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP007996.D
Acq: 16 Nov 2021 12:46

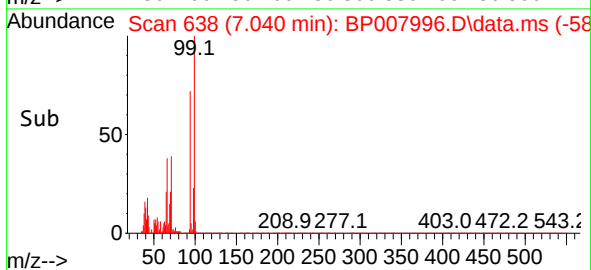
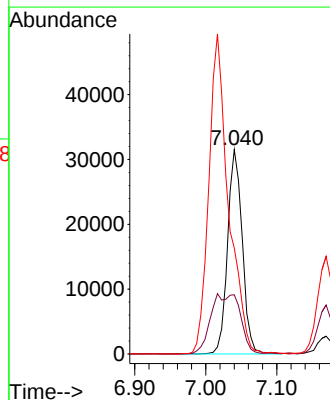
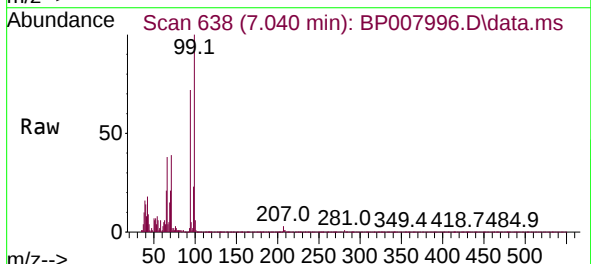
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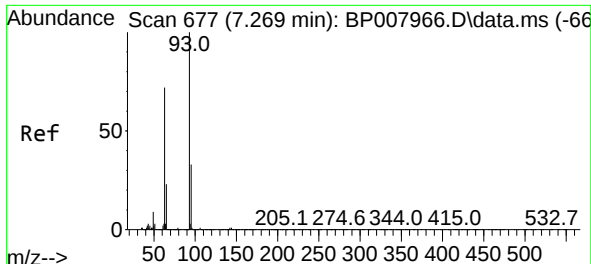
Tgt Ion:	77	Resp:	31548
Ion	Ratio	Lower	Upper
77	100		
105	99.3	77.5	117.5
106	94.6	72.1	112.1



#10
Phenol
Concen: 4.137 ng
RT: 7.040 min Scan# 638
Delta R.T. -0.006 min
Lab File: BP007996.D
Acq: 16 Nov 2021 12:46

Tgt Ion:	94	Resp:	45216
Ion	Ratio	Lower	Upper
94	100		
65	29.0	8.2	48.2
66	51.9	18.8	58.8

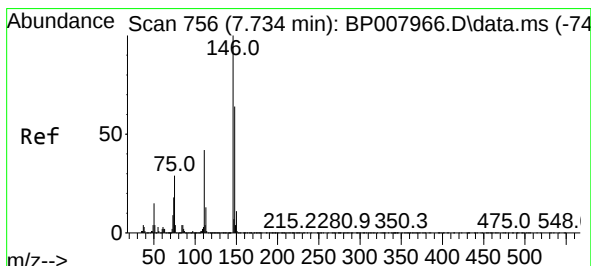
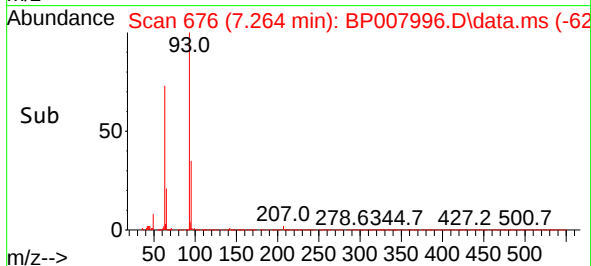
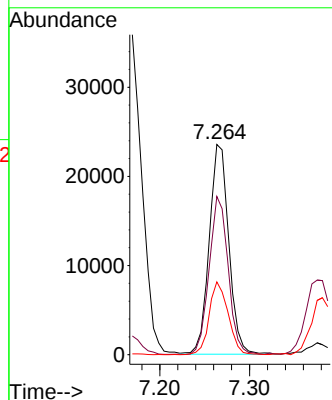
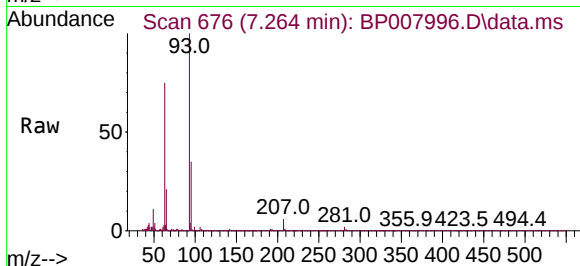




#11
bis(2-Chloroethyl)ether
Concen: 3.963 ng
RT: 7.264 min Scan# 61
Delta R.T. -0.005 min
Lab File: BP007996.D
Acq: 16 Nov 2021 12:46

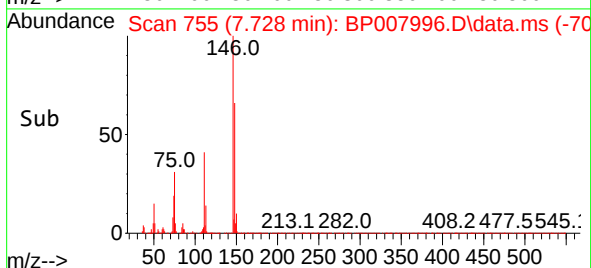
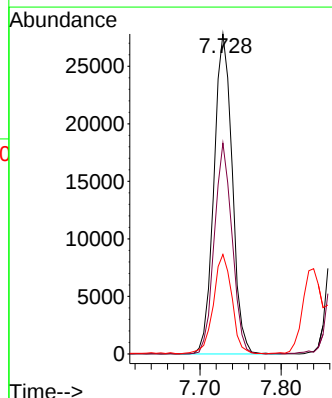
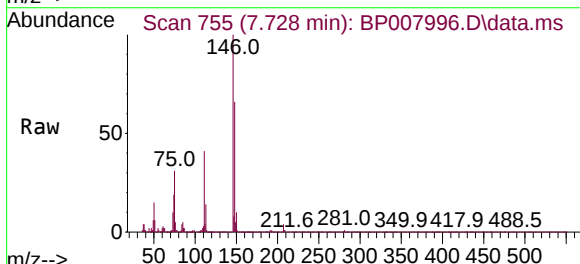
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT4-2021

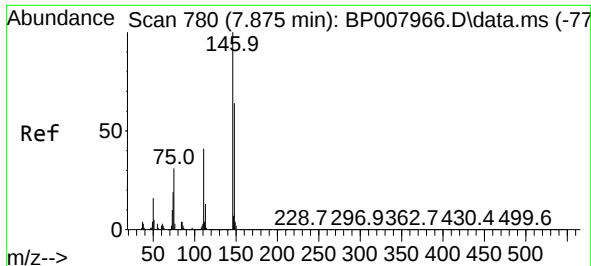
Tgt Ion: 93	Resp:	35598
Ion	Ratio	Lower Upper
93	100	
63	75.2	55.7 95.7
95	34.6	12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 4.319 ng
RT: 7.728 min Scan# 755
Delta R.T. -0.006 min
Lab File: BP007996.D
Acq: 16 Nov 2021 12:46

Tgt Ion: 146	Resp:	43486
Ion	Ratio	Lower Upper
146	100	
148	65.9	51.4 77.0
75	31.1	26.1 39.1

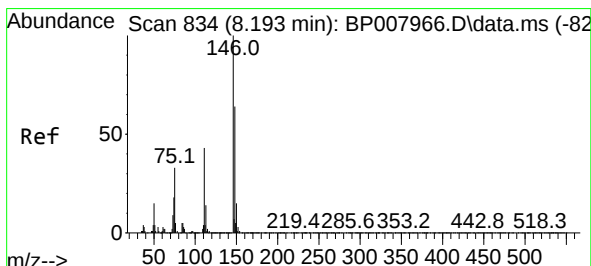
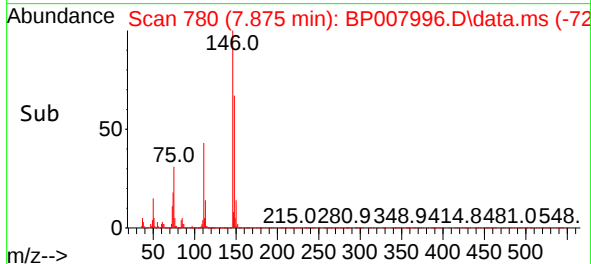
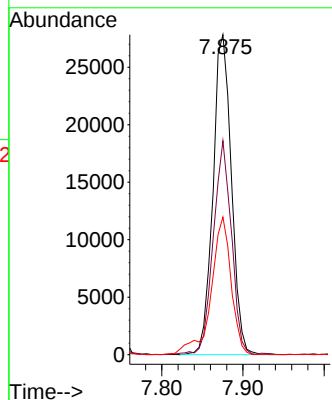
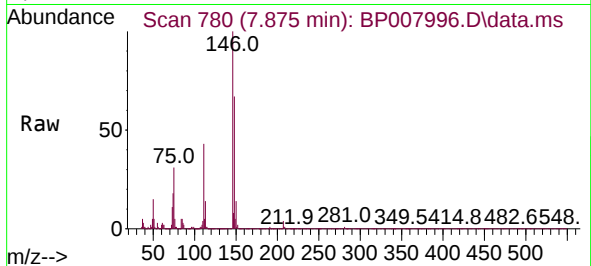




#13
1,4-Dichlorobenzene
Concen: 4.286 ng
RT: 7.875 min Scan# 780
Delta R.T. 0.000 min
Lab File: BP007996.D
Acq: 16 Nov 2021 12:46

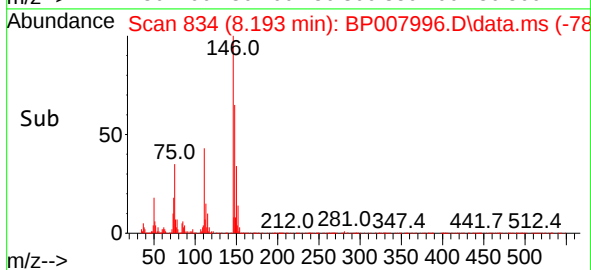
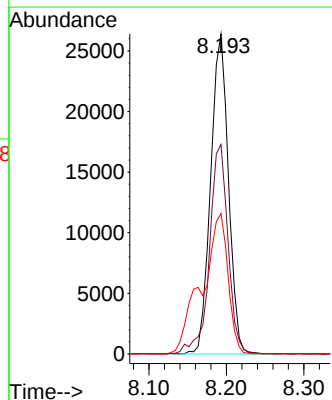
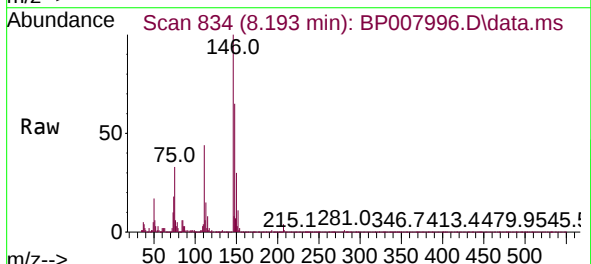
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT4-2021

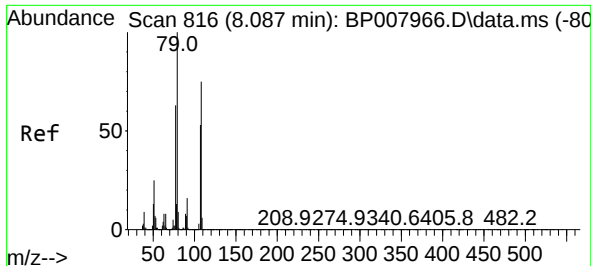
Tgt Ion:146 Resp: 43874
Ion Ratio Lower Upper
146 100
148 66.8 51.0 76.6
111 43.0 32.8 49.2



#14
1,2-Dichlorobenzene
Concen: 4.063 ng
RT: 8.193 min Scan# 834
Delta R.T. -0.000 min
Lab File: BP007996.D
Acq: 16 Nov 2021 12:46

Tgt Ion:146 Resp: 41990
Ion Ratio Lower Upper
146 100
148 65.5 51.5 77.3
111 43.9 35.1 52.7

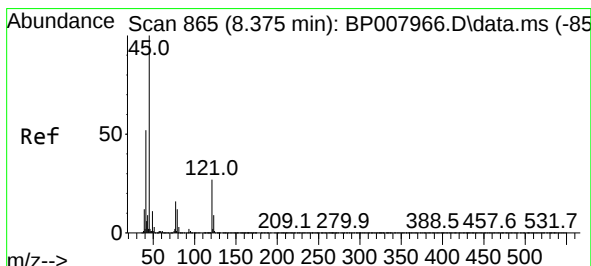
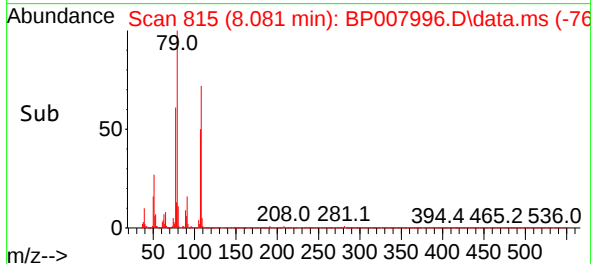
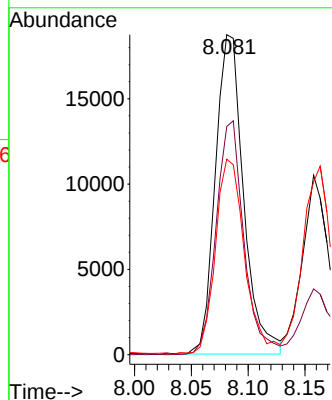
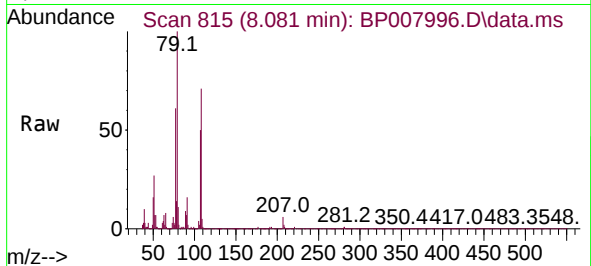




#15
Benzyl Alcohol
Concen: 3.800 ng
RT: 8.081 min Scan# 815
Delta R.T. -0.006 min
Lab File: BP007996.D
Acq: 16 Nov 2021 12:46

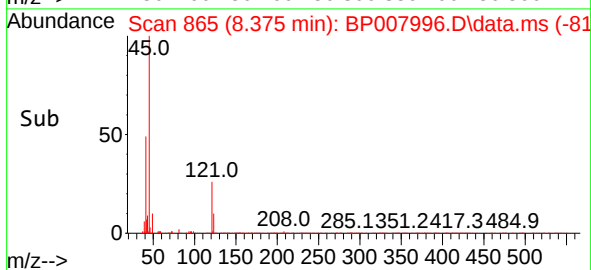
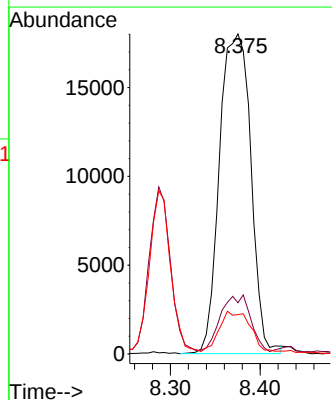
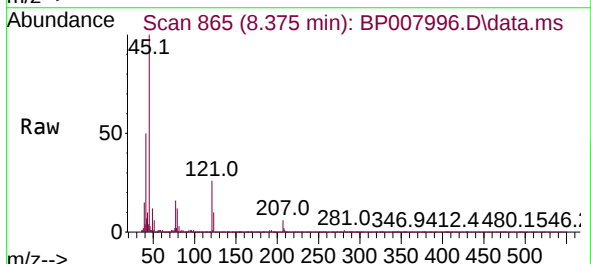
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT4-2021

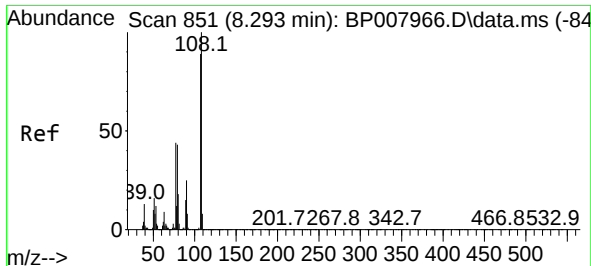
Tgt Ion: 79 Resp: 32384
Ion Ratio Lower Upper
79 100
108 71.3 59.9 89.9
77 61.1 51.1 76.7



#16
2,2'-oxybis(1-Chloropropane)
Concen: 4.021 ng
RT: 8.375 min Scan# 865
Delta R.T. 0.000 min
Lab File: BP007996.D
Acq: 16 Nov 2021 12:46

Tgt Ion: 45 Resp: 43645
Ion Ratio Lower Upper
45 100
77 16.0 0.0 34.9
79 12.3 0.0 31.7

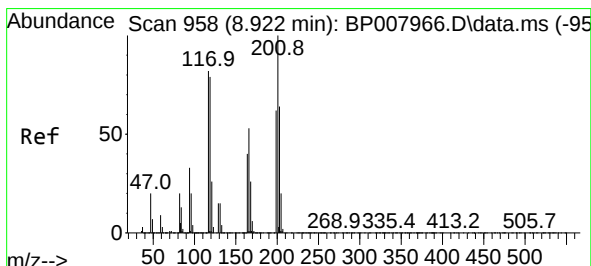
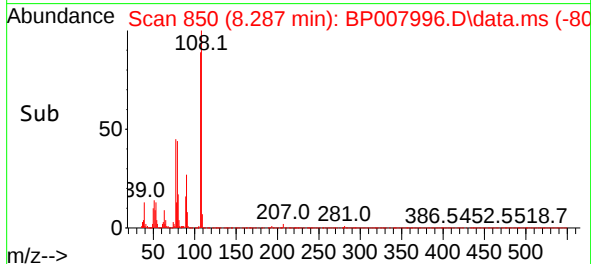
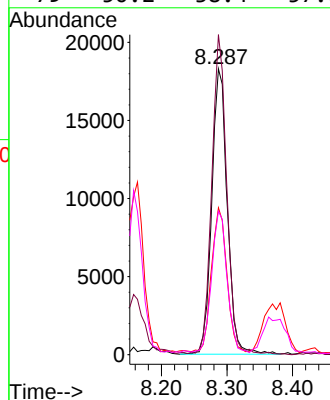
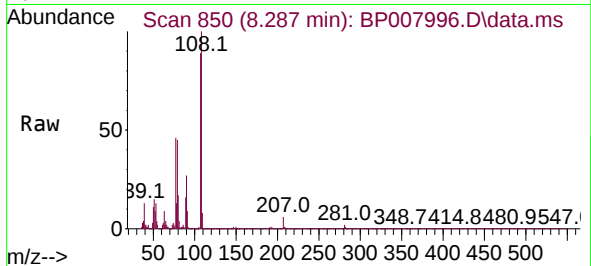




#17
2-Methylphenol
Concen: 3.990 ng
RT: 8.287 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP007996.D
Acq: 16 Nov 2021 12:46

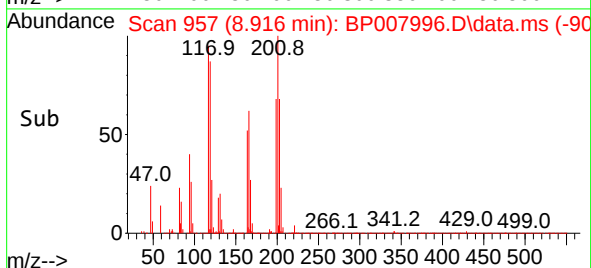
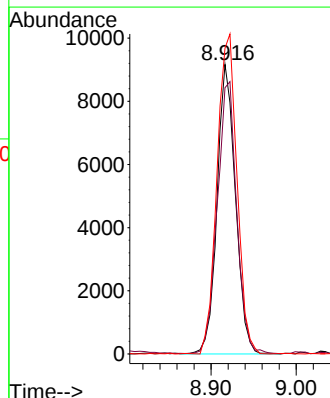
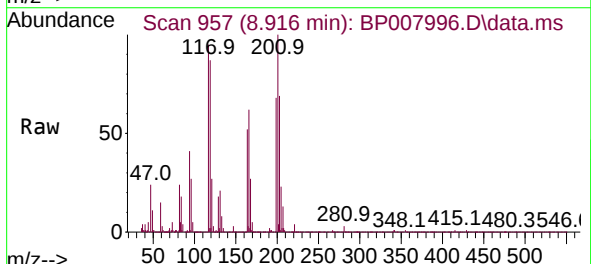
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT4-2021

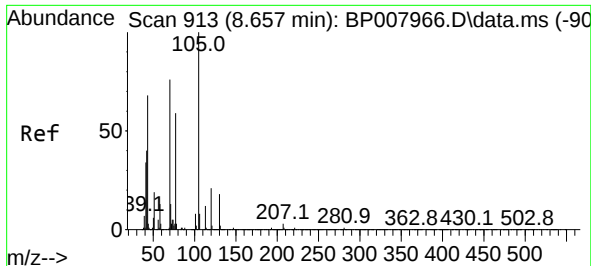
Tgt Ion:	107	Resp:	30038
Ion	Ratio	Lower	Upper
107	100		
108	112.0	89.2	133.8
77	51.4	38.5	57.7
79	50.2	38.4	57.6



#18
Hexachloroethane
Concen: 3.971 ng
RT: 8.916 min Scan# 957
Delta R.T. -0.006 min
Lab File: BP007996.D
Acq: 16 Nov 2021 12:46

Tgt Ion:	117	Resp:	13783
Ion	Ratio	Lower	Upper
117	100		
119	93.8	77.6	116.4
201	109.5	82.9	124.3

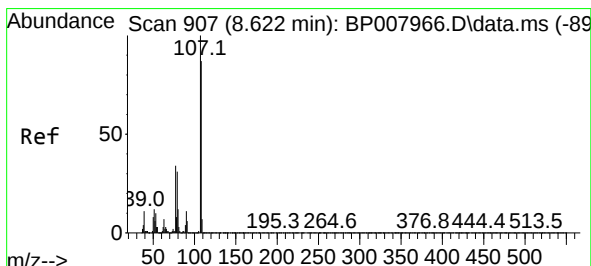
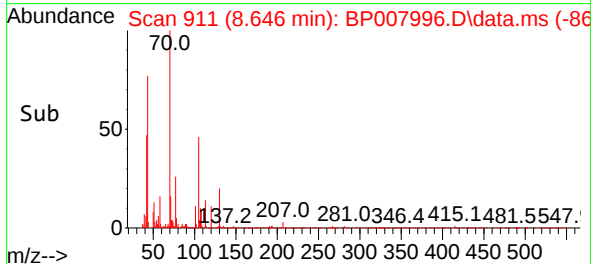
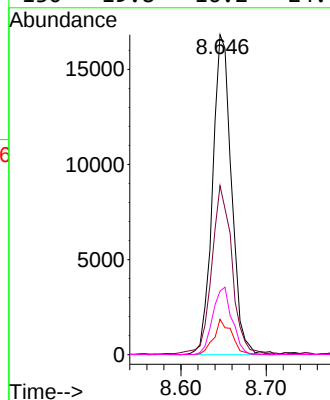
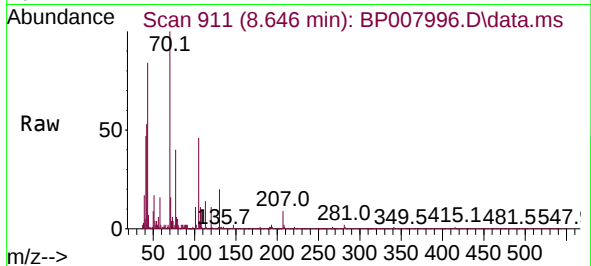




#19
n-Nitroso-di-n-propylamine
Concen: 3.708 ng
RT: 8.646 min Scan# 911
Delta R.T. -0.011 min
Lab File: BP007996.D
Acq: 16 Nov 2021 12:46

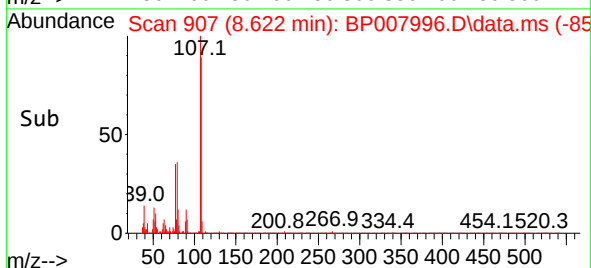
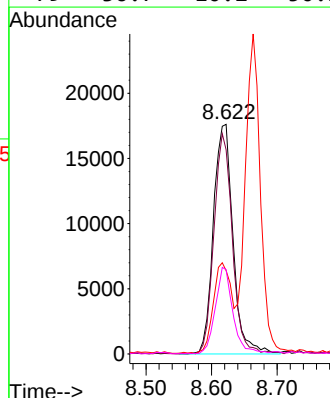
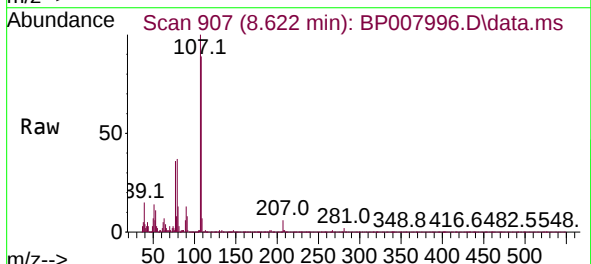
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT4-2021

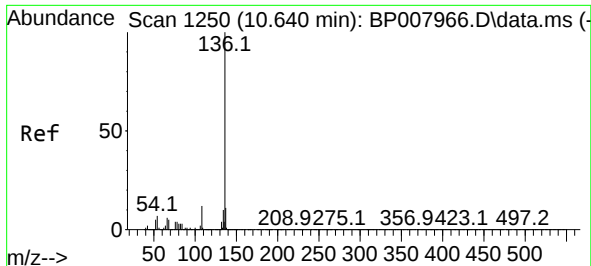
Tgt Ion:	70	Resp:	26002
Ion	Ratio	Lower	Upper
70	100		
42	52.8	46.2	69.2
101	11.1	7.7	11.5
130	19.8	16.2	24.4



#20
3+4-Methylphenols
Concen: 3.502 ng
RT: 8.622 min Scan# 907
Delta R.T. 0.000 min
Lab File: BP007996.D
Acq: 16 Nov 2021 12:46

Tgt Ion:	107	Resp:	36526
Ion	Ratio	Lower	Upper
107	100		
108	88.9	69.2	109.2
77	36.3	13.8	53.8
79	36.7	10.2	50.2

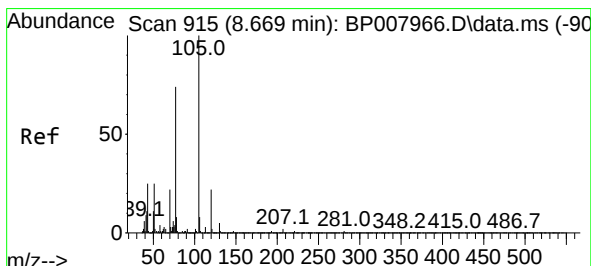
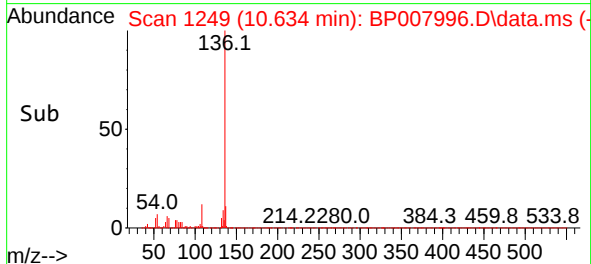
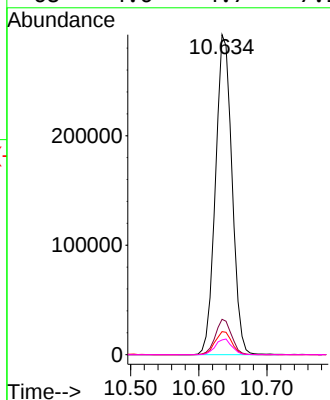
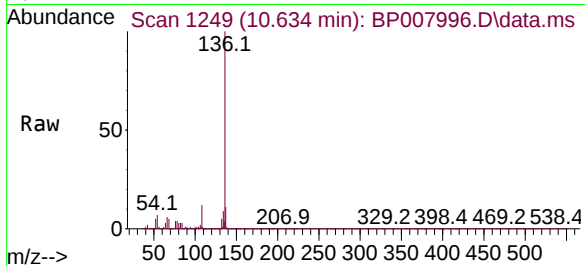




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.634 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP007996.D
Acq: 16 Nov 2021 12:46

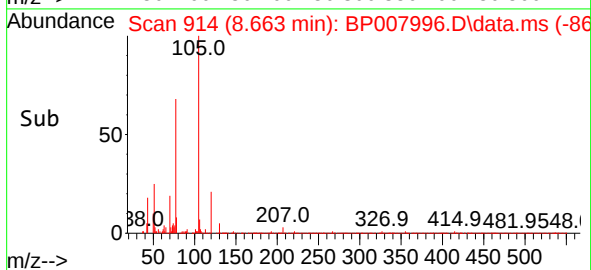
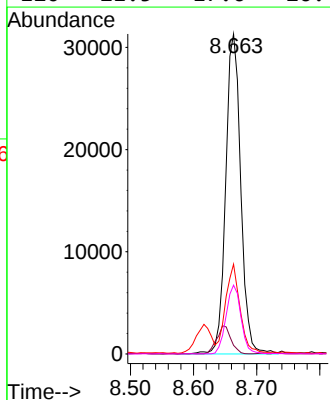
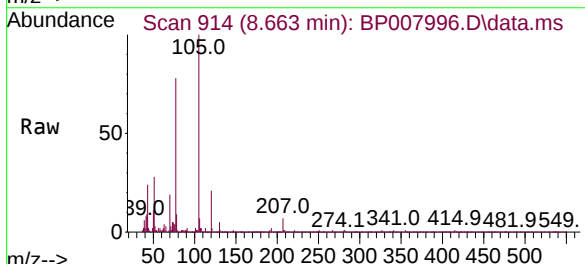
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT4-2021

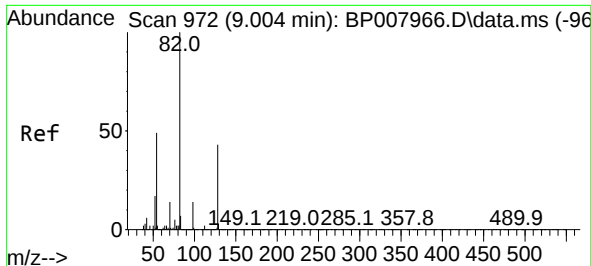
Tgt Ion:136 Resp: 492554
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 7.2 6.2 9.4
68 4.6 4.7 7.1#



#22
Acetophenone
Concen: 4.135 ng
RT: 8.663 min Scan# 914
Delta R.T. -0.006 min
Lab File: BP007996.D
Acq: 16 Nov 2021 12:46

Tgt Ion:105 Resp: 51808
Ion Ratio Lower Upper
105 100
71 2.7 4.5 6.7#
51 28.0 21.8 32.8
120 21.5 17.6 26.4

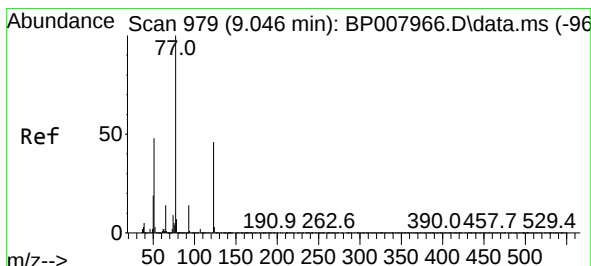
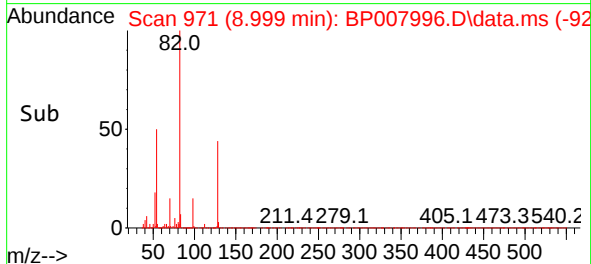
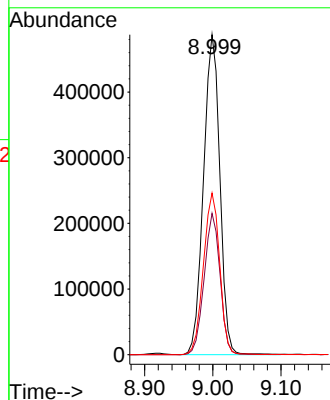
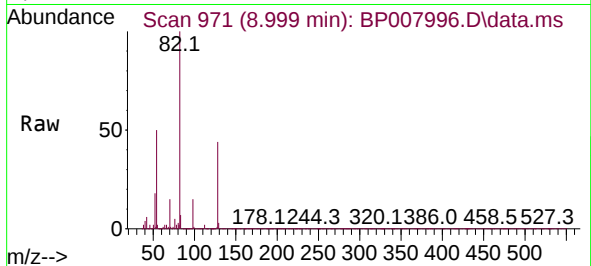




#23
Nitrobenzene-d5
Concen: 88.326 ng
RT: 8.999 min Scan# 91
Delta R.T. -0.005 min
Lab File: BP007996.D
Acq: 16 Nov 2021 12:46

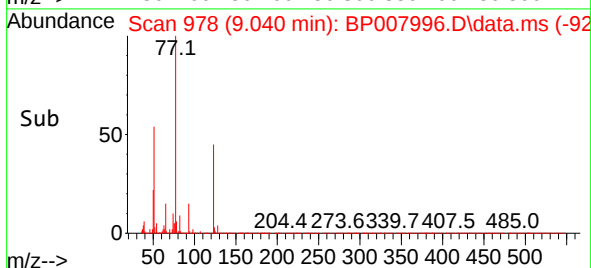
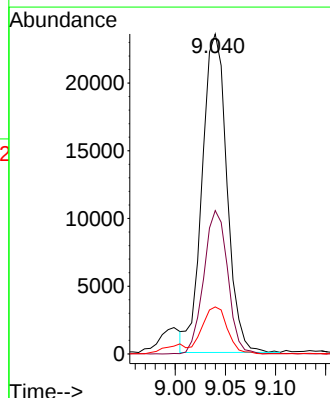
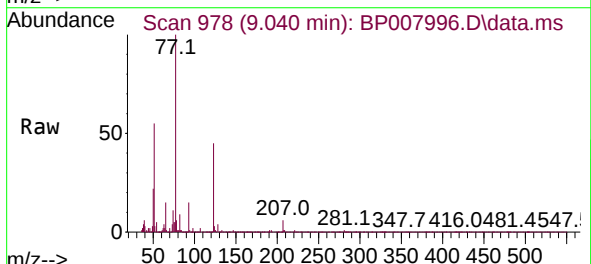
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT4-2021

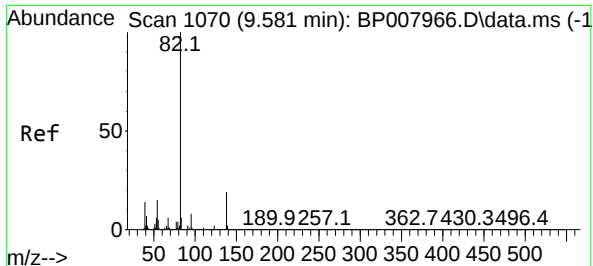
Tgt Ion: 82 Resp: 812977
Ion Ratio Lower Upper
82 100
128 44.2 32.6 48.8
54 50.5 40.4 60.6



#24
Nitrobenzene
Concen: 4.584 ng
RT: 9.040 min Scan# 978
Delta R.T. -0.006 min
Lab File: BP007996.D
Acq: 16 Nov 2021 12:46

Tgt Ion: 77 Resp: 40327
Ion Ratio Lower Upper
77 100
123 44.8 35.3 52.9
65 14.7 10.9 16.3

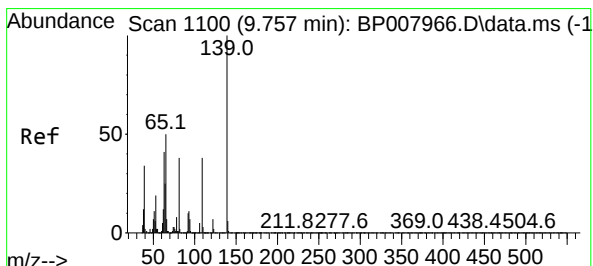
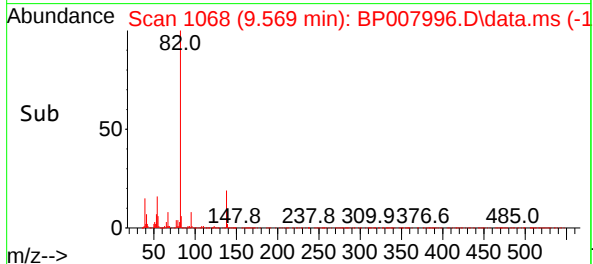
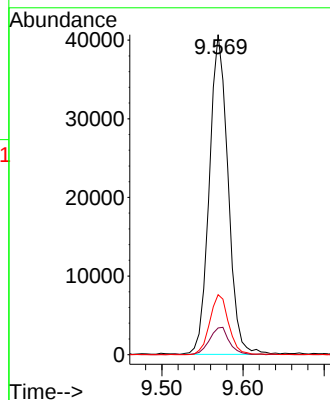
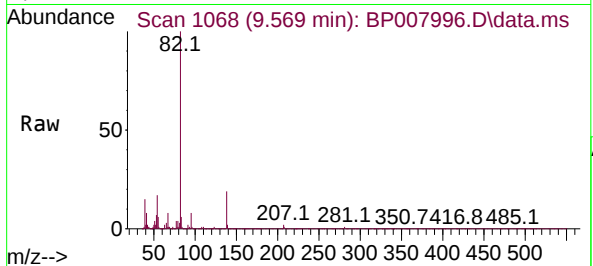




#25
Isophorone
Concen: 4.070 ng
RT: 9.569 min Scan# 1068
Delta R.T. -0.012 min
Lab File: BP007996.D
Acq: 16 Nov 2021 12:46

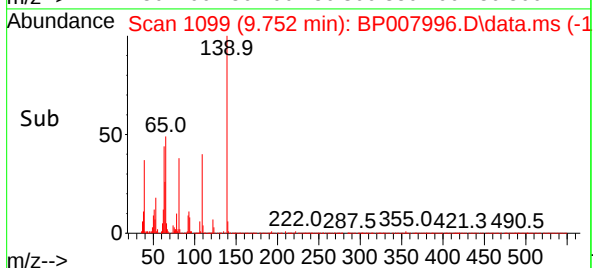
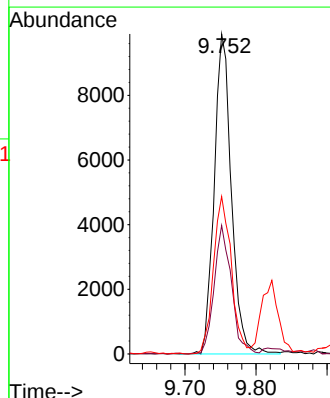
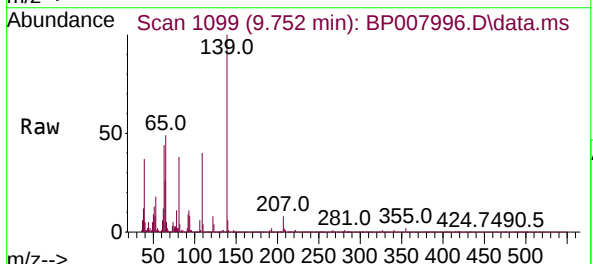
Instrument : BNA_P
ClientSampleId : MDL-SOIL-03-QT4-2021

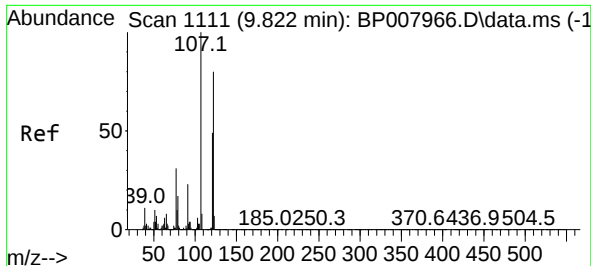
Tgt Ion: 82	Resp: 65154
Ion Ratio	Lower Upper
82 100	
95 8.4	6.2 9.2
138 18.8	14.0 21.0



#26
2-Nitrophenol
Concen: 3.693 ng
RT: 9.752 min Scan# 1099
Delta R.T. -0.006 min
Lab File: BP007996.D
Acq: 16 Nov 2021 12:46

Tgt Ion: 139	Resp: 16587
Ion Ratio	Lower Upper
139 100	
109 40.1	26.2 39.2
65 49.2	40.3 60.5





#27

2,4-Dimethylphenol

Concen: 4.789 ng

RT: 9.822 min Scan# 1111

Delta R.T. 0.000 min

Lab File: BP007996.D

Acq: 16 Nov 2021 12:46

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-03-QT4-2021

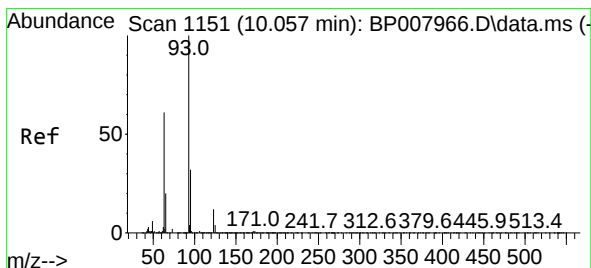
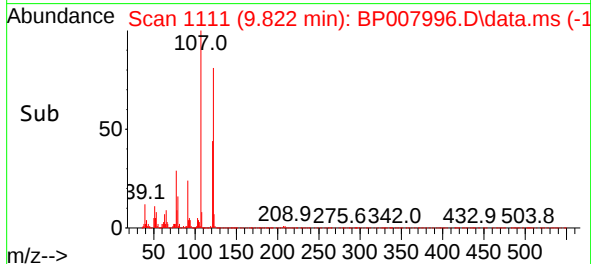
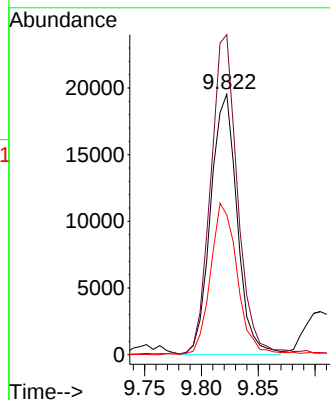
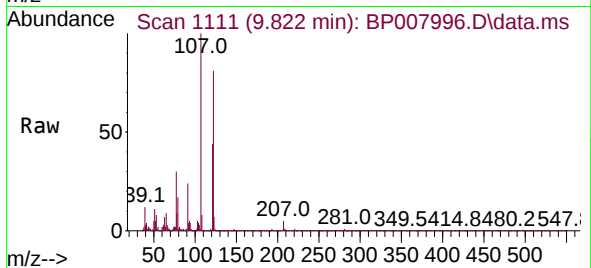
Tgt Ion:122 Resp: 31771

Ion Ratio Lower Upper

122 100

107 122.9 93.8 140.6

121 53.7 47.0 70.4



#28

bis(2-Chloroethoxy)methane

Concen: 4.015 ng

RT: 10.052 min Scan# 1150

Delta R.T. -0.006 min

Lab File: BP007996.D

Acq: 16 Nov 2021 12:46

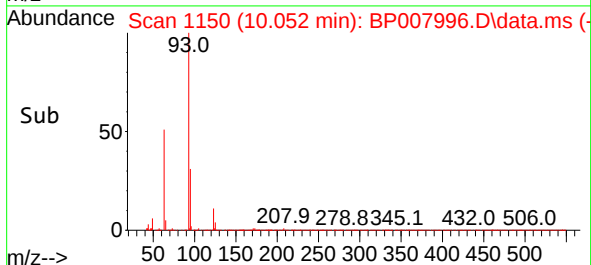
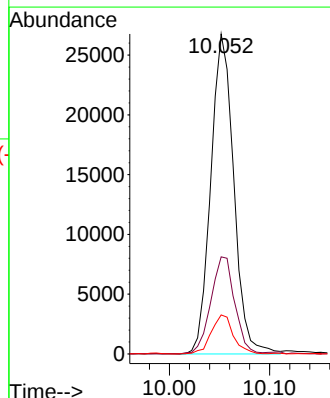
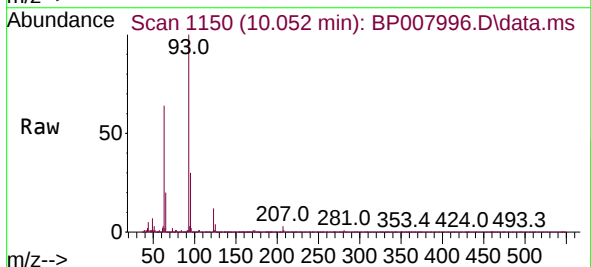
Tgt Ion: 93 Resp: 42653

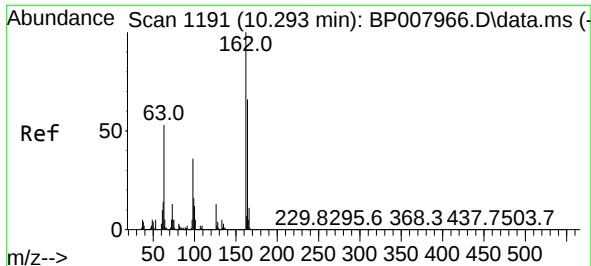
Ion Ratio Lower Upper

93 100

95 30.4 26.1 39.1

123 12.2 8.5 12.7

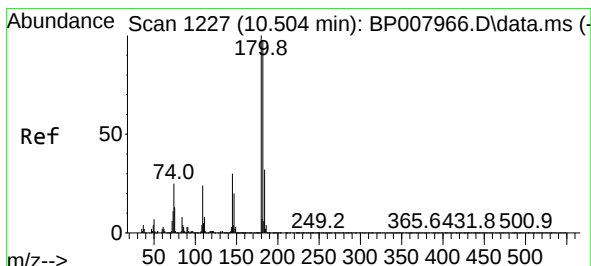
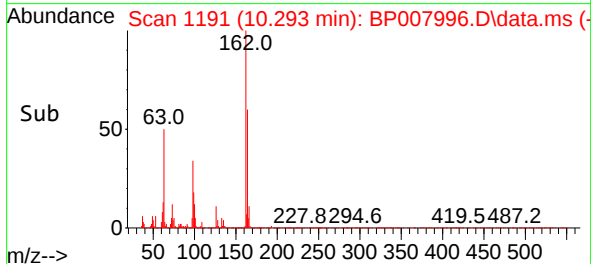
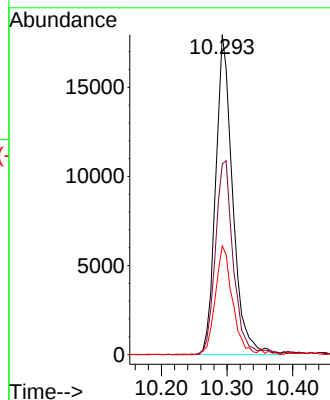
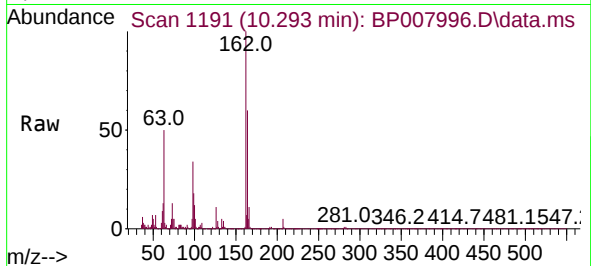




#29
2,4-Dichlorophenol
Concen: 3.960 ng
RT: 10.293 min Scan# 1191
Delta R.T. 0.000 min
Lab File: BP007996.D
Acq: 16 Nov 2021 12:46

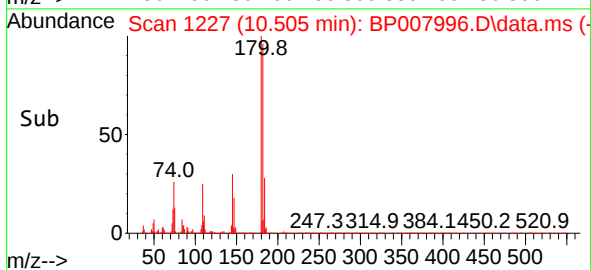
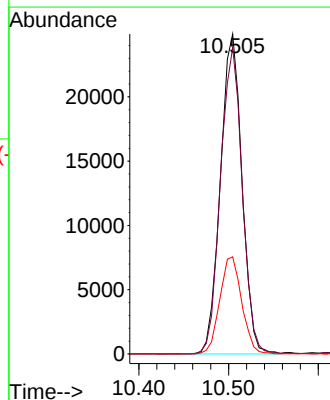
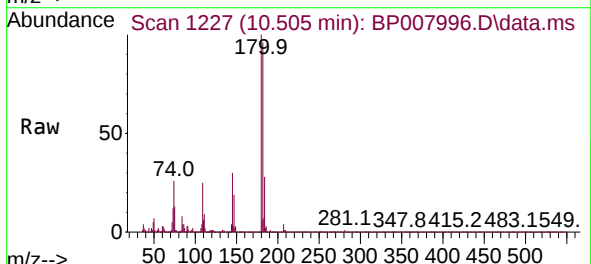
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT4-2021

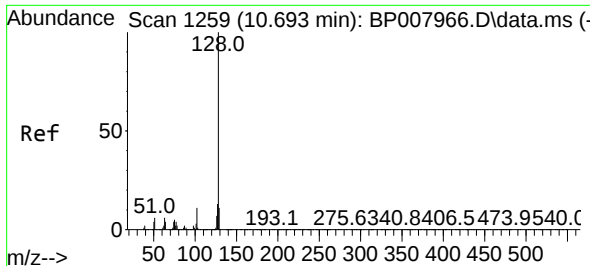
Tgt Ion:162 Resp: 32337
Ion Ratio Lower Upper
162 100
164 59.7 44.0 84.0
98 34.0 16.3 56.3



#30
1,2,4-Trichlorobenzene
Concen: 4.431 ng
RT: 10.505 min Scan# 1227
Delta R.T. 0.000 min
Lab File: BP007996.D
Acq: 16 Nov 2021 12:46

Tgt Ion:180 Resp: 41404
Ion Ratio Lower Upper
180 100
182 95.8 78.4 117.6
145 30.4 23.8 35.8

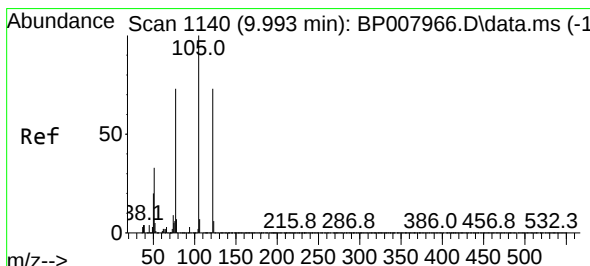
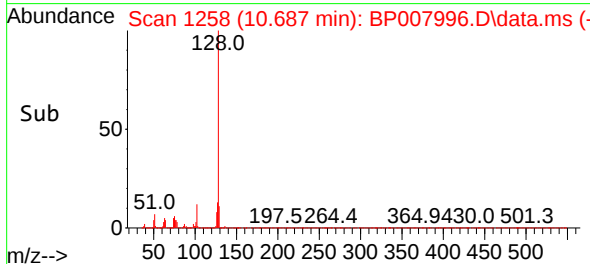
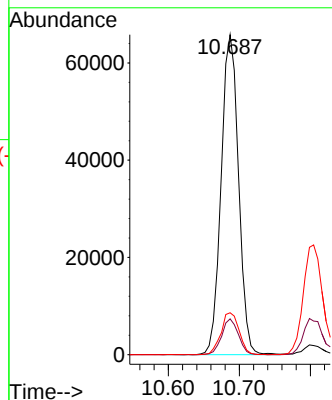
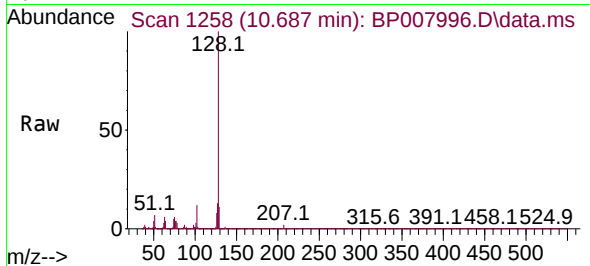




#31
Naphthalene
Concen: 4.438 ng
RT: 10.687 min Scan# 1116
Delta R.T. -0.006 min
Lab File: BP007996.D
Acq: 16 Nov 2021 12:46

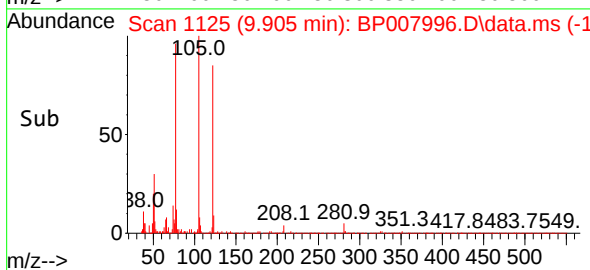
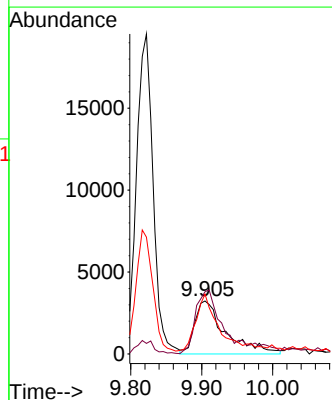
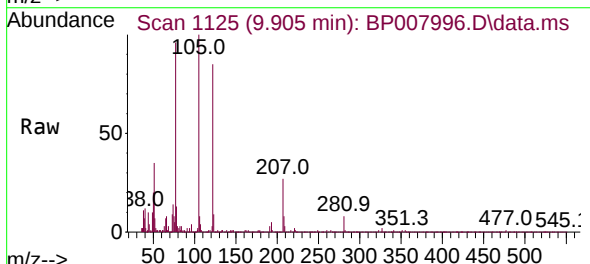
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT4-2021

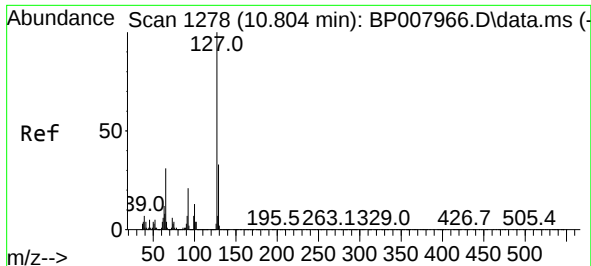
Tgt Ion:128 Resp: 111623
Ion Ratio Lower Upper
128 100
129 11.2 8.9 13.3
127 13.1 10.2 15.4



#32
Benzoic acid
Concen: 1.702 ng
RT: 9.905 min Scan# 1125
Delta R.T. -0.088 min
Lab File: BP007996.D
Acq: 16 Nov 2021 12:46

Tgt Ion:122 Resp: 9758
Ion Ratio Lower Upper
122 100
105 117.7 105.9 145.9
77 112.9 74.6 114.6

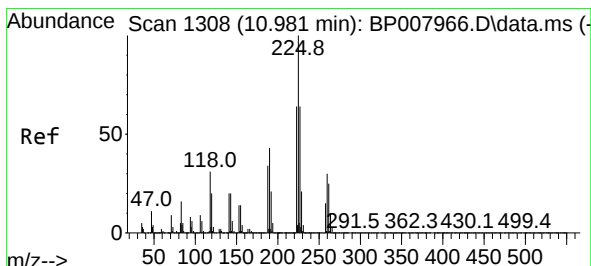
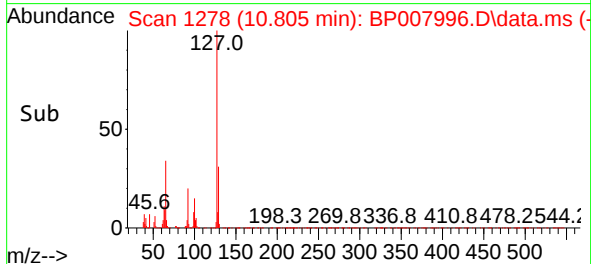
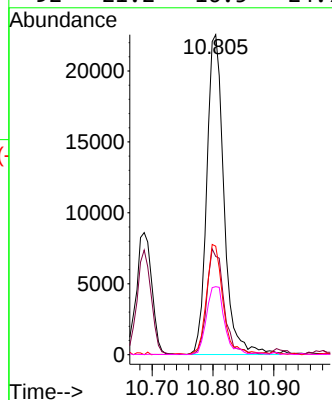
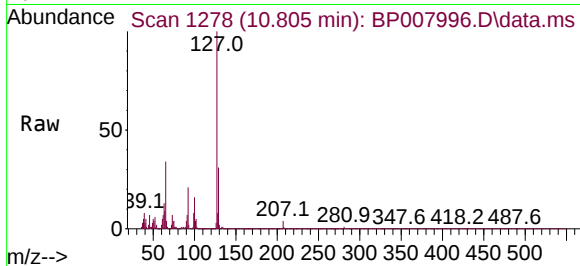




#33
4-Chloroaniline
Concen: 4.100 ng
RT: 10.805 min Scan# 1278
Delta R.T. 0.000 min
Lab File: BP007996.D
Acq: 16 Nov 2021 12:46

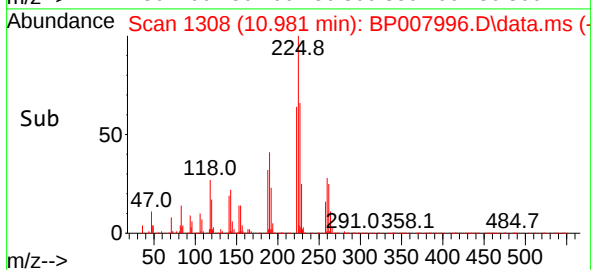
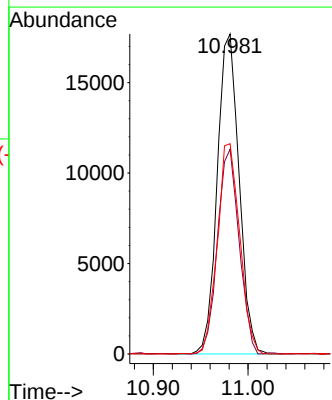
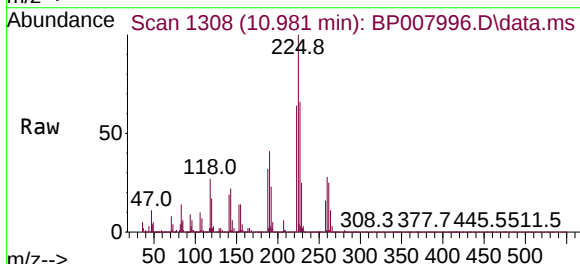
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT4-2021

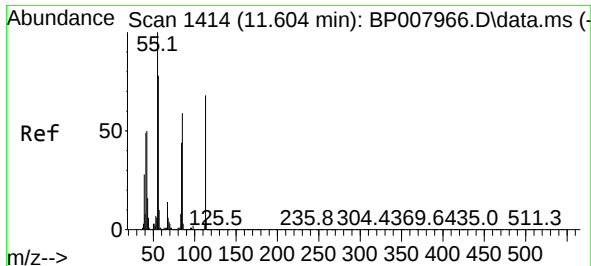
Tgt Ion:	127	Resp:	44291
Ion	Ratio	Lower	Upper
127	100		
129	30.7	25.1	37.7
65	33.9	25.5	38.3
92	21.2	16.5	24.7



#34
Hexachlorobutadiene
Concen: 4.435 ng
RT: 10.981 min Scan# 1308
Delta R.T. 0.000 min
Lab File: BP007996.D
Acq: 16 Nov 2021 12:46

Tgt Ion:	225	Resp:	28318
Ion	Ratio	Lower	Upper
225	100		
223	64.0	49.4	74.0
227	69.0	51.0	76.6

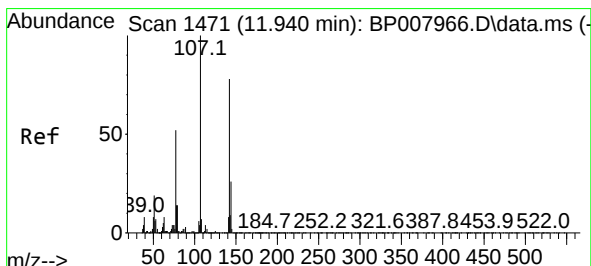
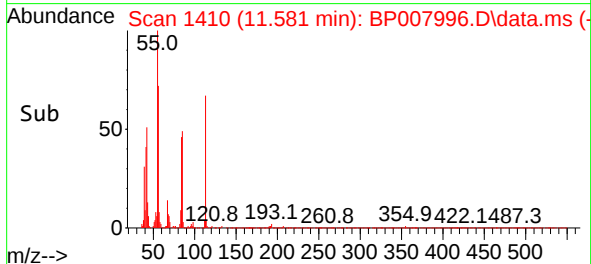
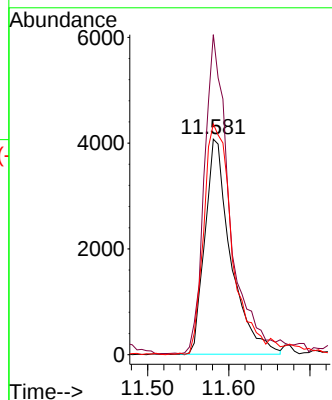
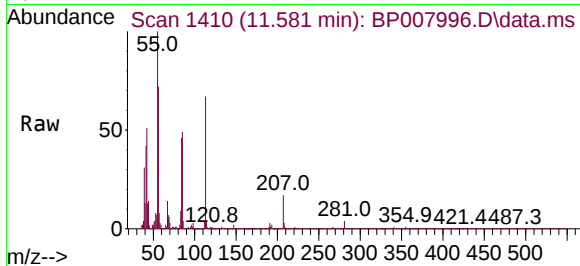




#35
Caprolactam
Concen: 5.025 ng
RT: 11.581 min Scan# 1414
Delta R.T. -0.023 min
Lab File: BP007996.D
Acq: 16 Nov 2021 12:46

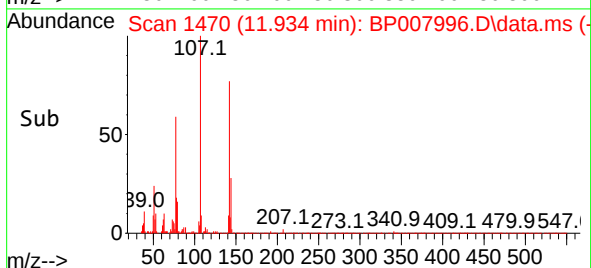
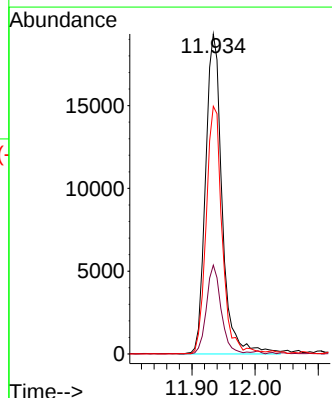
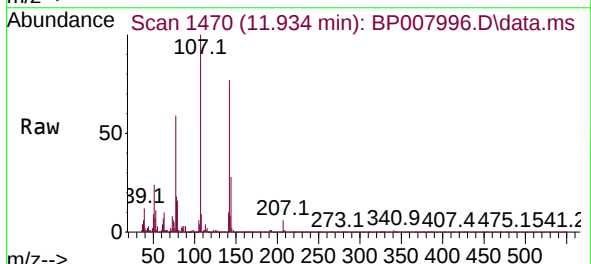
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT4-2021

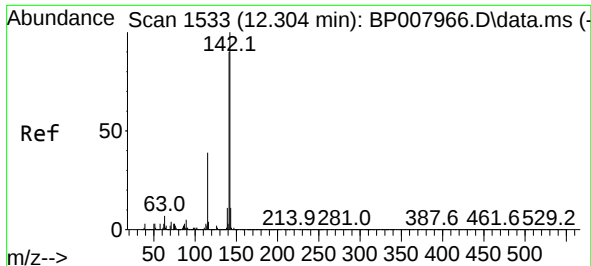
Tgt Ion:113 Resp: 9012
Ion Ratio Lower Upper
113 100
55 148.5 143.9 183.9
56 107.0 101.6 141.6



#36
4-Chloro-3-methylphenol
Concen: 3.817 ng
RT: 11.934 min Scan# 1470
Delta R.T. -0.006 min
Lab File: BP007996.D
Acq: 16 Nov 2021 12:46

Tgt Ion:107 Resp: 35217
Ion Ratio Lower Upper
107 100
144 27.8 20.5 30.7
142 77.4 63.0 94.4

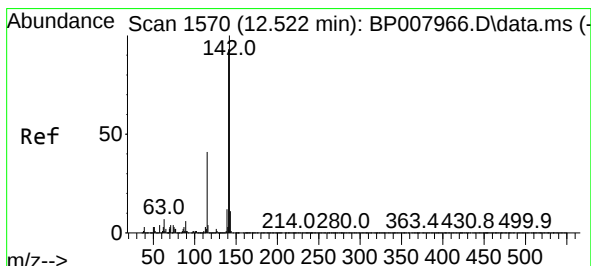
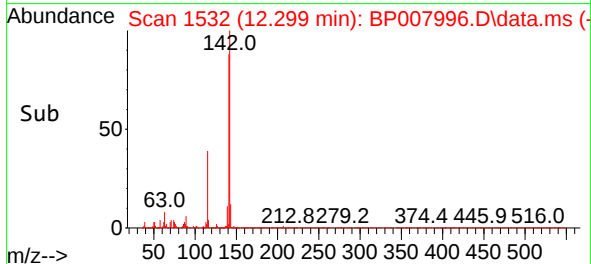
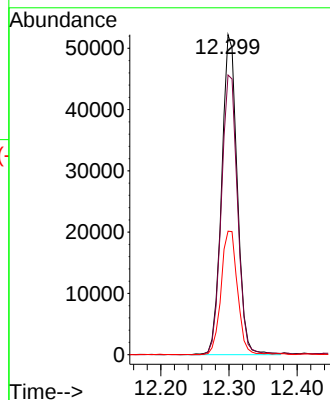
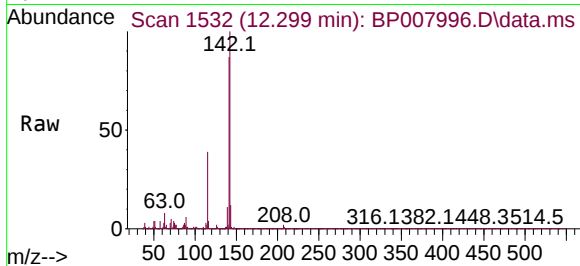




#37
2-Methylnaphthalene
Concen: 4.527 ng
RT: 12.299 min Scan# 1532
Delta R.T. -0.006 min
Lab File: BP007996.D
Acq: 16 Nov 2021 12:46

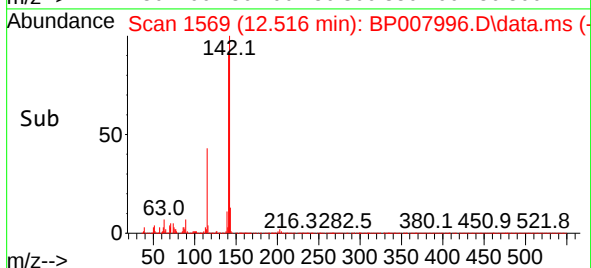
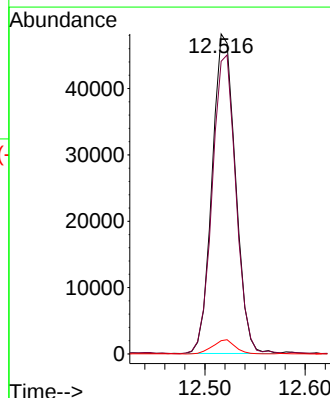
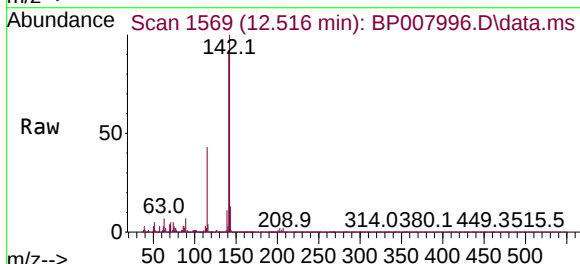
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT4-2021

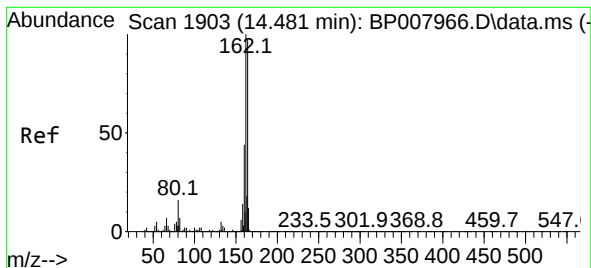
Tgt Ion:142 Resp: 83216
Ion Ratio Lower Upper
142 100
141 87.4 71.4 107.0
115 38.6 29.5 44.3



#38
1-Methylnaphthalene
Concen: 4.331 ng
RT: 12.516 min Scan# 1569
Delta R.T. -0.006 min
Lab File: BP007996.D
Acq: 16 Nov 2021 12:46

Tgt Ion:142 Resp: 77644
Ion Ratio Lower Upper
142 100
141 91.4 74.4 111.6
116 4.1 3.4 5.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.475 min Scan# 1903

Delta R.T. -0.006 min

Lab File: BP007996.D

Acq: 16 Nov 2021 12:46

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-03-QT4-2021

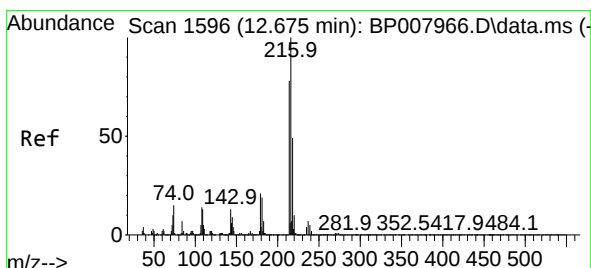
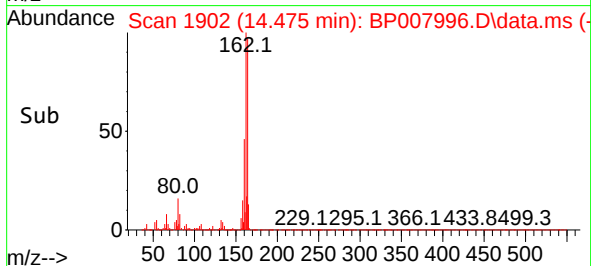
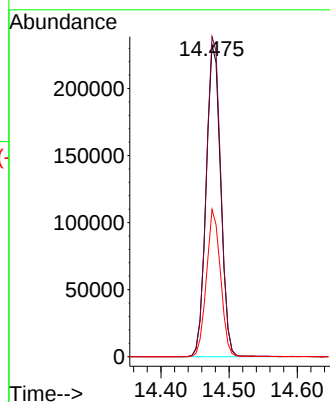
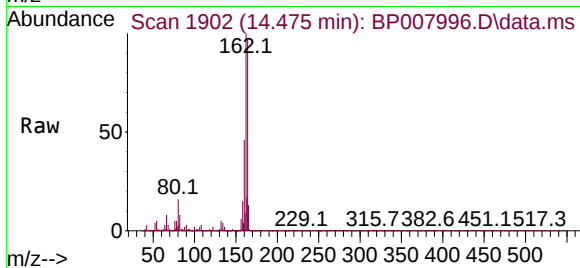
Tgt Ion:164 Resp: 344257

Ion Ratio Lower Upper

164 100

162 102.7 81.1 121.7

160 47.2 36.0 54.0



#40

1,2,4,5-Tetrachlorobenzene

Concen: 4.142 ng

RT: 12.669 min Scan# 1595

Delta R.T. -0.006 min

Lab File: BP007996.D

Acq: 16 Nov 2021 12:46

Tgt Ion:216 Resp: 47506

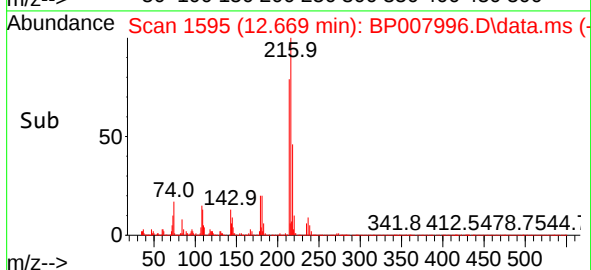
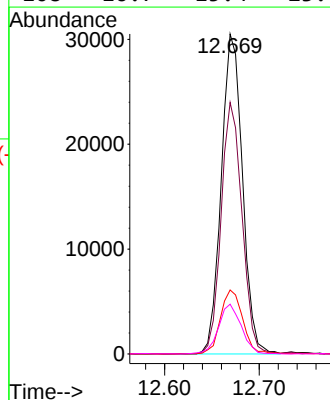
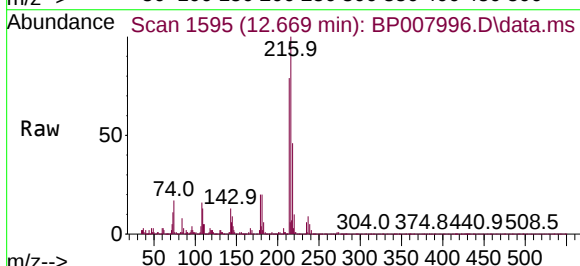
Ion Ratio Lower Upper

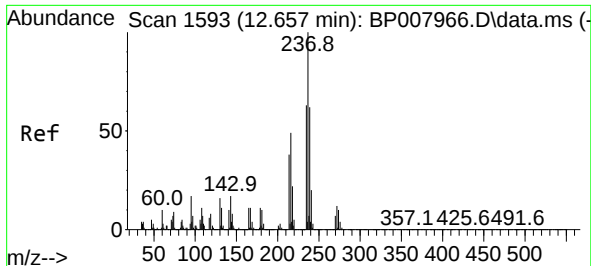
216 100

214 77.2 62.2 93.4

179 21.1 17.1 25.7

108 16.7 15.4 23.0

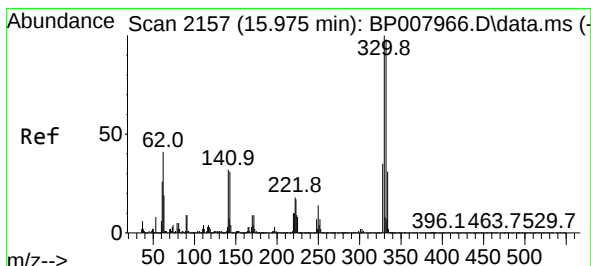
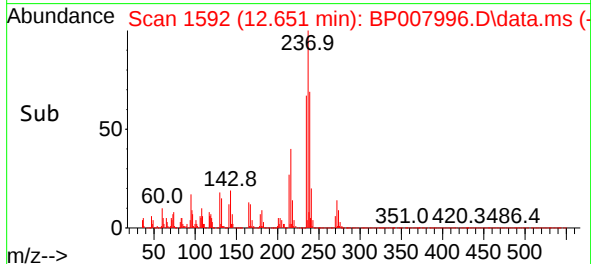
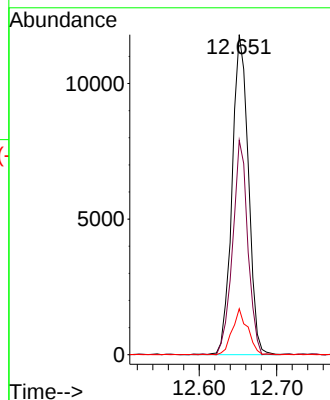
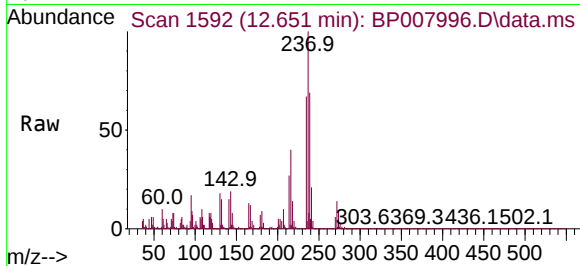




#41
Hexachlorocyclopentadiene
Concen: 3.283 ng
RT: 12.651 min Scan# 1592
Delta R.T. -0.006 min
Lab File: BP007996.D
Acq: 16 Nov 2021 12:46

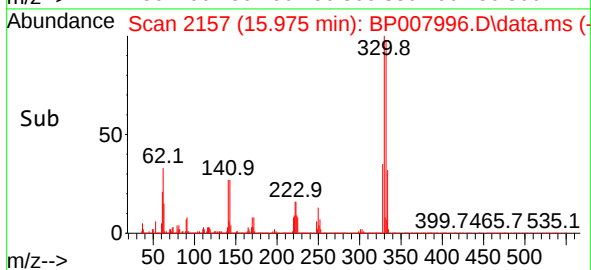
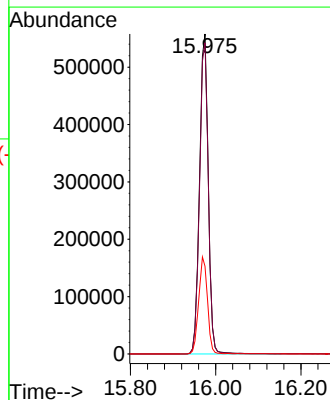
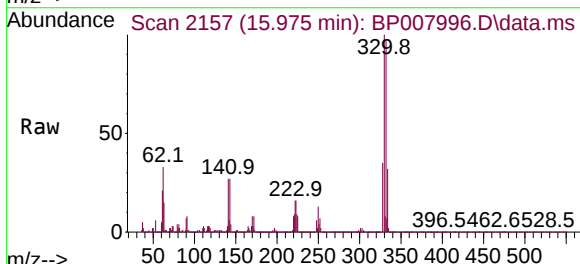
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT4-2021

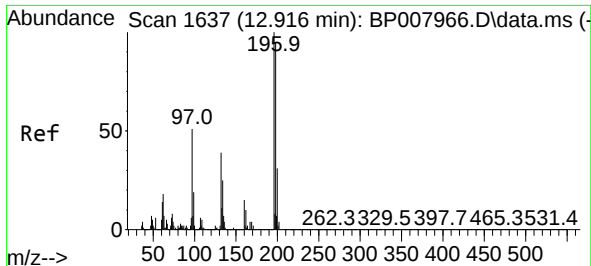
Tgt Ion: 237 Resp: 17292
Ion Ratio Lower Upper
237 100
235 67.0 41.2 81.2
272 14.4 0.0 31.9



#42
2,4,6-Tribromophenol
Concen: 146.340 ng
RT: 15.975 min Scan# 2157
Delta R.T. -0.000 min
Lab File: BP007996.D
Acq: 16 Nov 2021 12:46

Tgt Ion: 330 Resp: 792647
Ion Ratio Lower Upper
330 100
332 97.2 78.9 118.3
141 30.6 30.7 46.1#

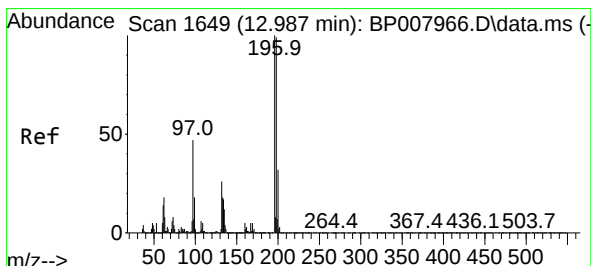
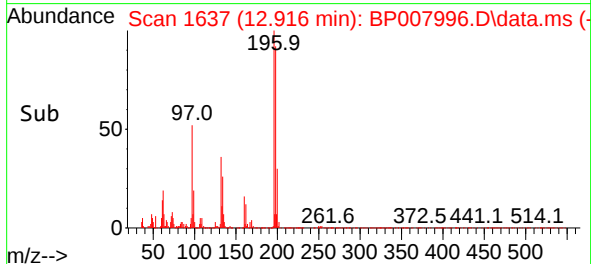
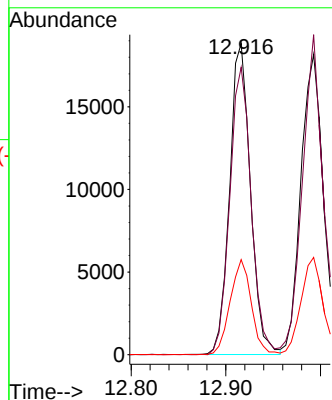
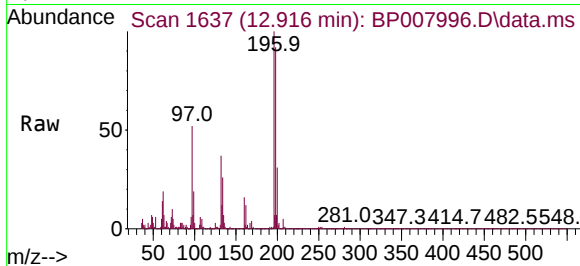




#43
2,4,6-Trichlorophenol
Concen: 3.675 ng
RT: 12.916 min Scan# 1637
Delta R.T. 0.000 min
Lab File: BP007996.D
Acq: 16 Nov 2021 12:46

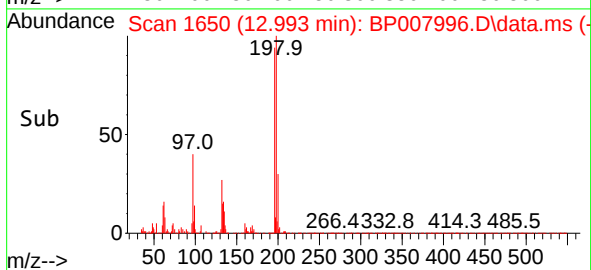
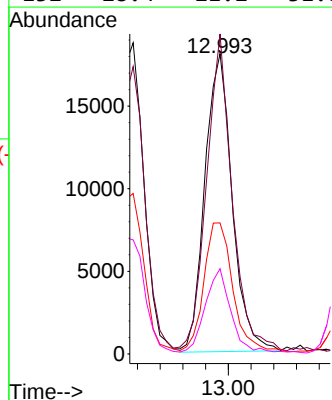
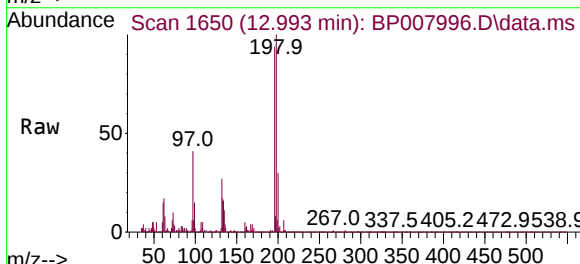
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT4-2021

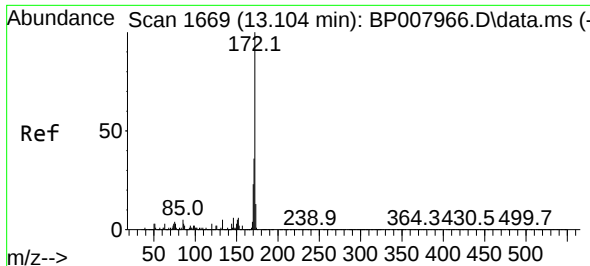
Tgt Ion:196 Resp: 28805
Ion Ratio Lower Upper
196 100
198 92.3 76.4 114.6
200 30.5 25.0 37.4



#44
2,4,5-Trichlorophenol
Concen: 3.548 ng
RT: 12.993 min Scan# 1650
Delta R.T. 0.006 min
Lab File: BP007996.D
Acq: 16 Nov 2021 12:46

Tgt Ion:196 Resp: 30220
Ion Ratio Lower Upper
196 100
198 106.6 77.1 115.7
97 43.7 40.9 61.3
132 28.4 21.2 31.8

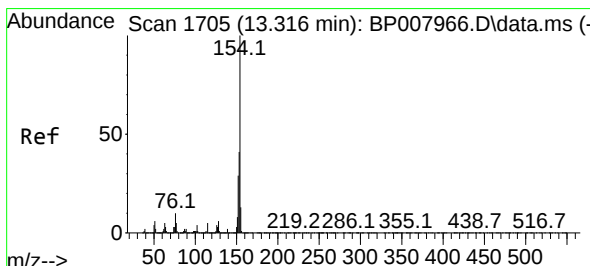
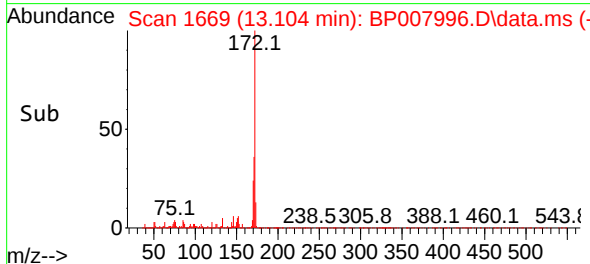
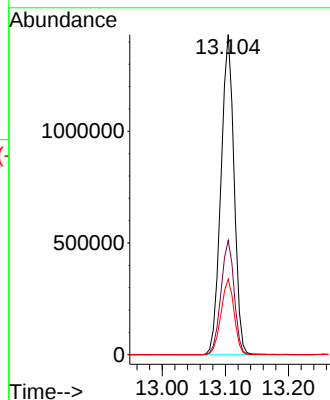
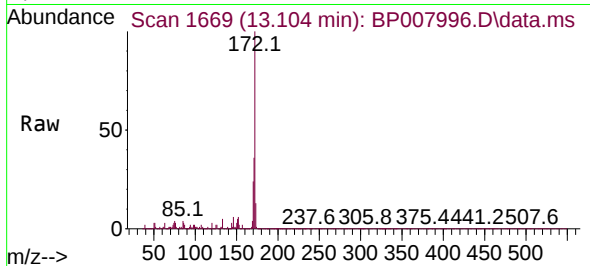




#45
2-Fluorobiphenyl
Concen: 84.456 ng
RT: 13.104 min Scan# 1669
Delta R.T. 0.000 min
Lab File: BP007996.D
Acq: 16 Nov 2021 12:46

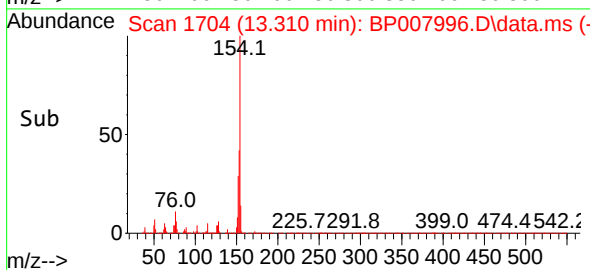
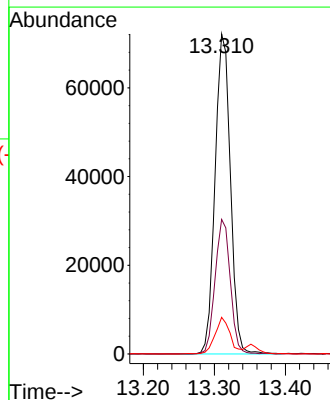
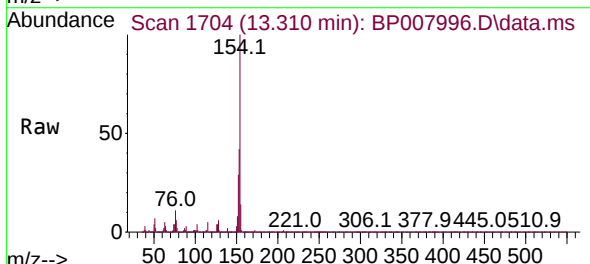
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT4-2021

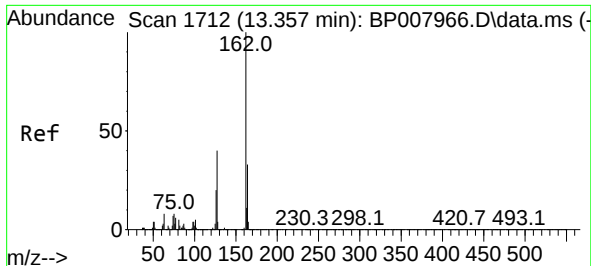
Tgt Ion:172 Resp: 2072738
Ion Ratio Lower Upper
172 100
171 35.7 28.2 42.2
170 23.6 19.0 28.4



#46
1,1'-Biphenyl
Concen: 4.201 ng
RT: 13.310 min Scan# 1704
Delta R.T. -0.006 min
Lab File: BP007996.D
Acq: 16 Nov 2021 12:46

Tgt Ion:154 Resp: 108020
Ion Ratio Lower Upper
154 100
153 42.1 19.9 59.9
76 11.4 0.0 32.4

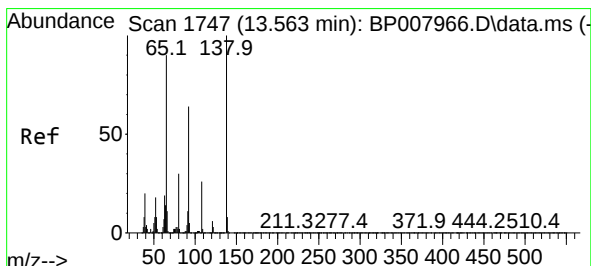
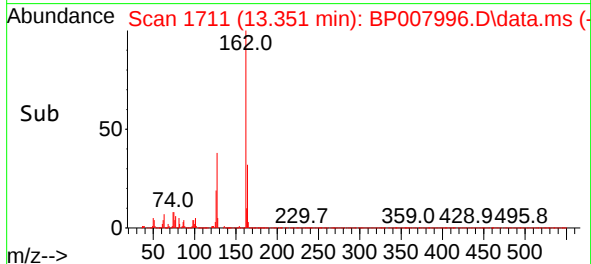
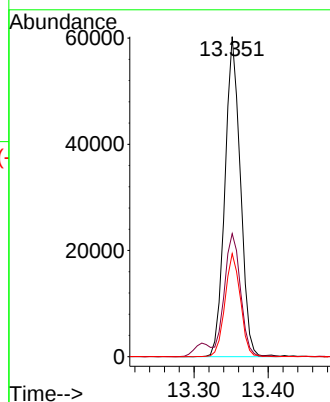
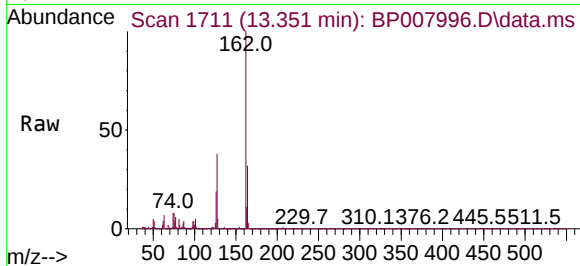




#47
2-Chloronaphthalene
Concen: 4.345 ng
RT: 13.351 min Scan# 1711
Delta R.T. -0.006 min
Lab File: BP007996.D
Acq: 16 Nov 2021 12:46

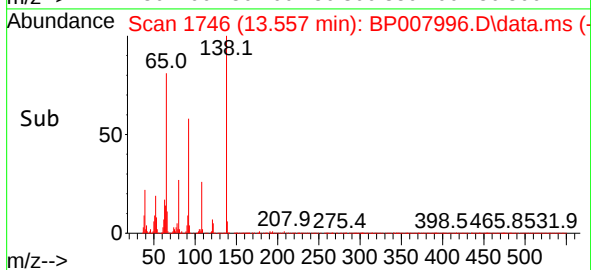
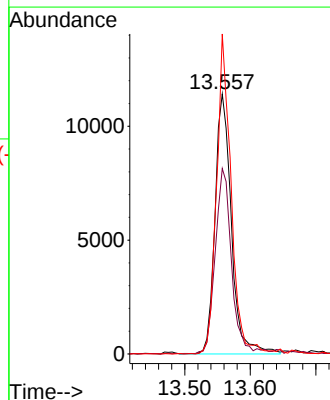
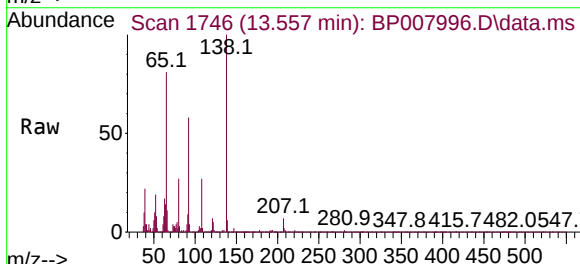
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT4-2021

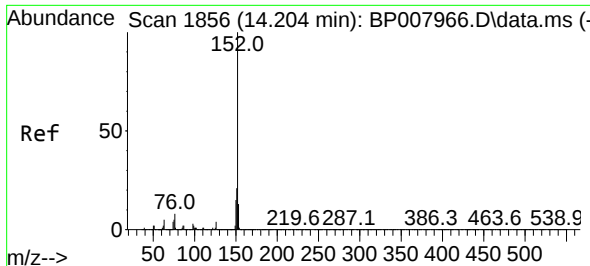
Tgt Ion:	162	Resp:	87403
Ion	Ratio	Lower	Upper
162	100		
127	38.5	31.0	46.6
164	32.2	26.4	39.6



#48
2-Nitroaniline
Concen: 3.467 ng
RT: 13.557 min Scan# 1746
Delta R.T. -0.006 min
Lab File: BP007996.D
Acq: 16 Nov 2021 12:46

Tgt Ion:	65	Resp:	19790
Ion	Ratio	Lower	Upper
65	100		
92	71.3	55.9	83.9
138	123.1	86.3	129.5

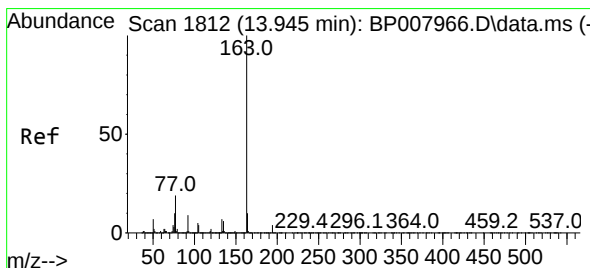
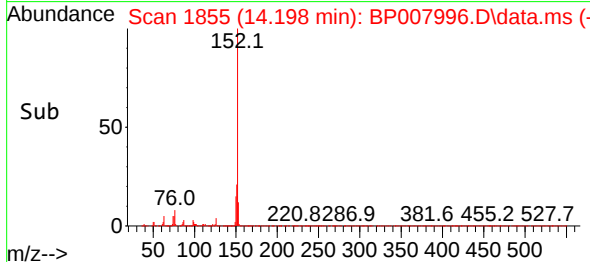
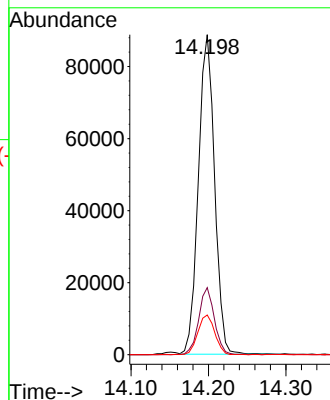
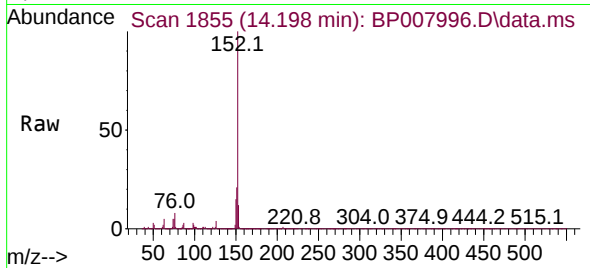




#49
Acenaphthylene
Concen: 4.214 ng
RT: 14.198 min Scan# 1855
Delta R.T. -0.006 min
Lab File: BP007996.D
Acq: 16 Nov 2021 12:46

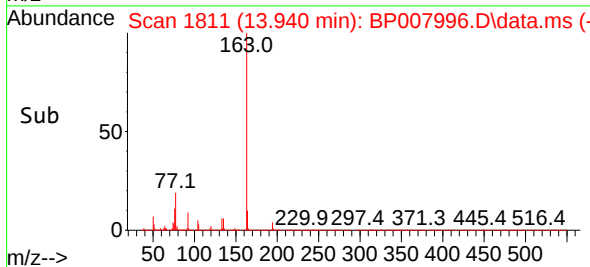
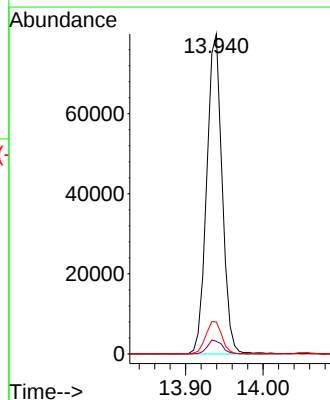
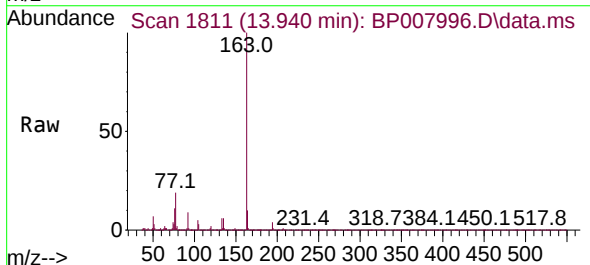
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT4-2021

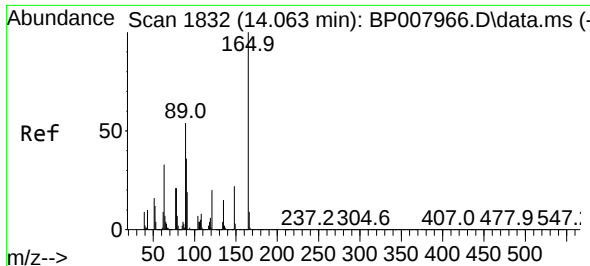
Tgt Ion:152 Resp: 128935
Ion Ratio Lower Upper
152 100
151 21.0 15.8 23.6
153 12.4 10.2 15.2



#50
Dimethylphthalate
Concen: 4.045 ng
RT: 13.940 min Scan# 1811
Delta R.T. -0.006 min
Lab File: BP007996.D
Acq: 16 Nov 2021 12:46

Tgt Ion:163 Resp: 110163
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 10.0 8.2 12.2

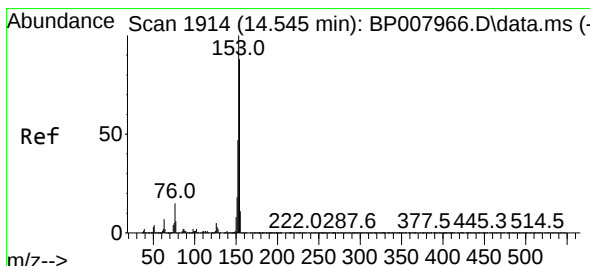
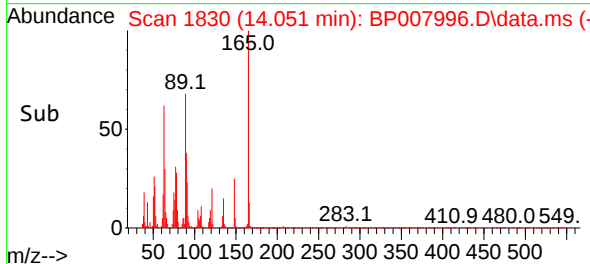
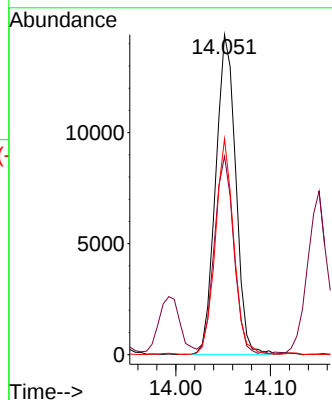
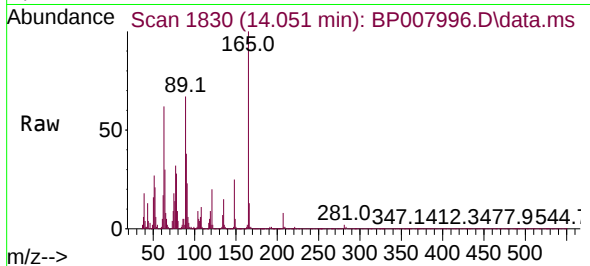




#51
2,6-Dinitrotoluene
Concen: 3.736 ng
RT: 14.051 min Scan# 1832
Delta R.T. -0.012 min
Lab File: BP007996.D
Acq: 16 Nov 2021 12:46

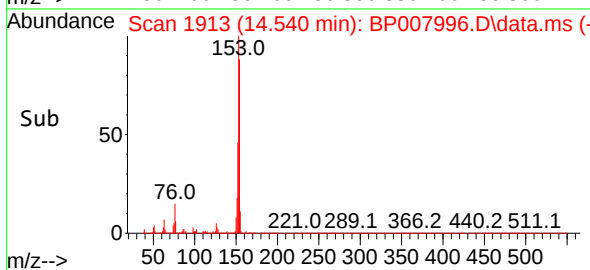
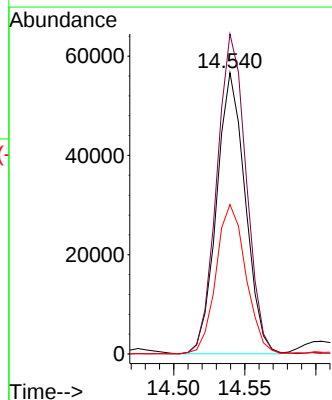
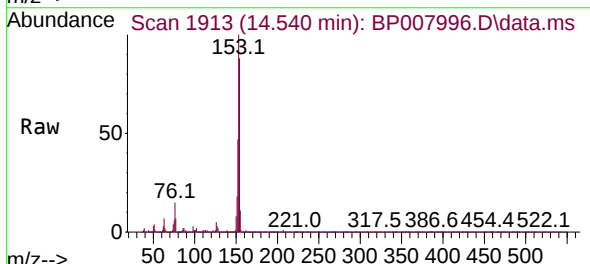
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT4-2021

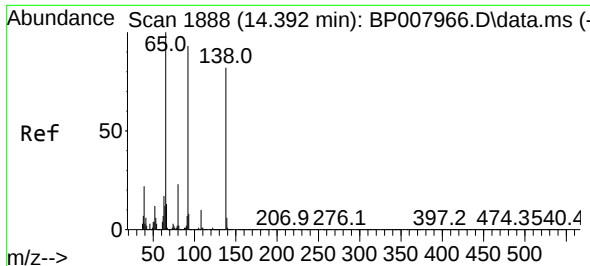
Tgt Ion:	165	Resp:	21141
Ion Ratio	Lower	Upper	
165	100		
63	62.0	44.2	66.2
89	67.5	46.6	70.0



#52
Acenaphthene
Concen: 4.345 ng
RT: 14.540 min Scan# 1913
Delta R.T. -0.006 min
Lab File: BP007996.D
Acq: 16 Nov 2021 12:46

Tgt Ion:	154	Resp:	79586
Ion Ratio	Lower	Upper	
154	100		
153	113.8	90.4	135.6
152	53.1	42.3	63.5

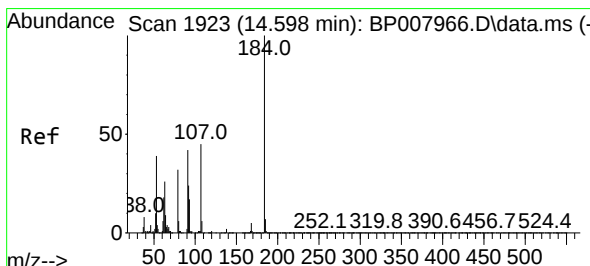
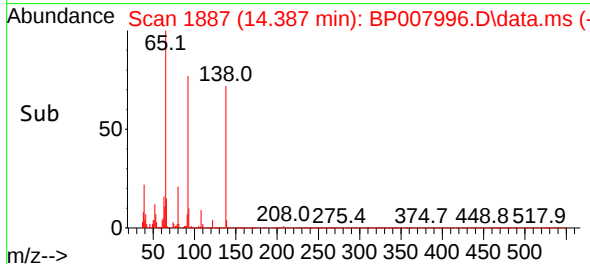
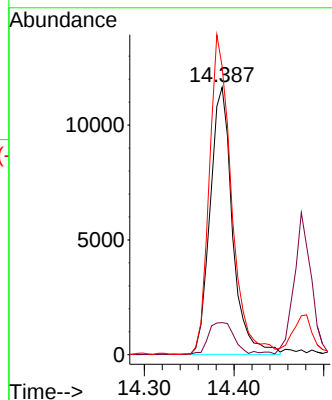
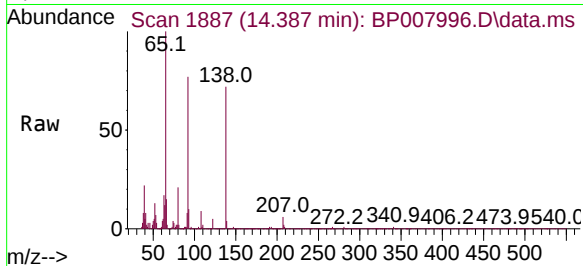




#53
3-Nitroaniline
Concen: 3.482 ng
RT: 14.387 min Scan# 1888
Delta R.T. -0.006 min
Lab File: BP007996.D
Acq: 16 Nov 2021 12:46

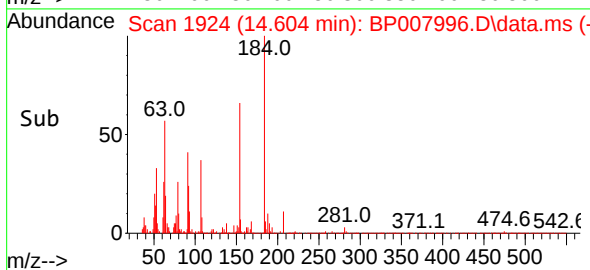
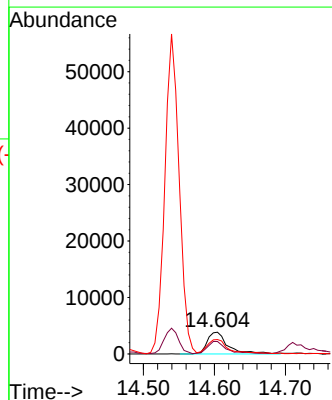
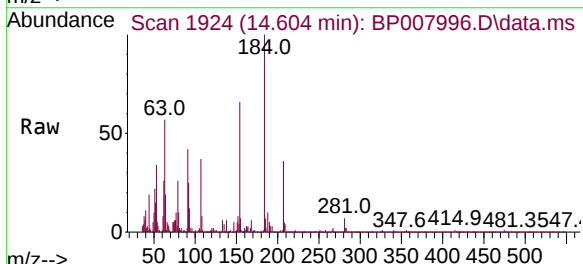
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT4-2021

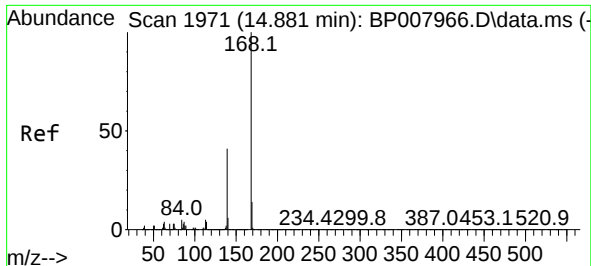
Tgt Ion:138 Resp: 20090
Ion Ratio Lower Upper
138 100
108 12.0 12.3 18.5#
92 107.8 94.9 142.3



#54
2,4-Dinitrophenol
Concen: 2.313 ng
RT: 14.604 min Scan# 1924
Delta R.T. 0.006 min
Lab File: BP007996.D
Acq: 16 Nov 2021 12:46

Tgt Ion:184 Resp: 7897
Ion Ratio Lower Upper
184 100
63 57.1 44.0 66.0
154 66.1 48.9 73.3

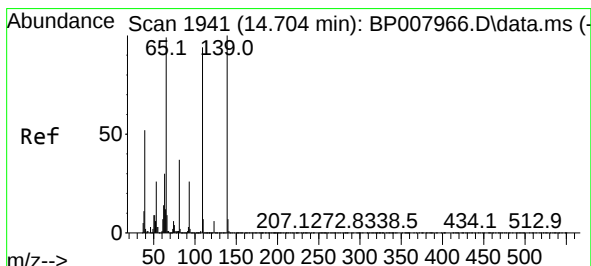
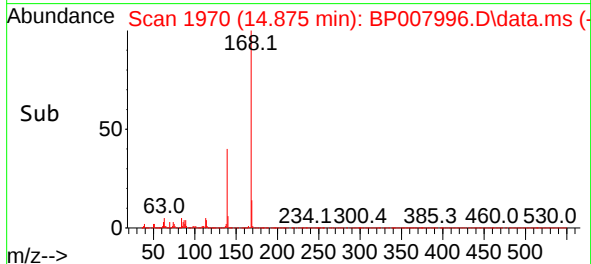
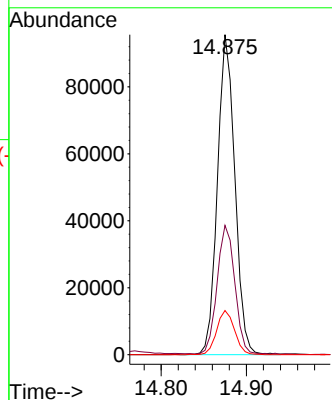
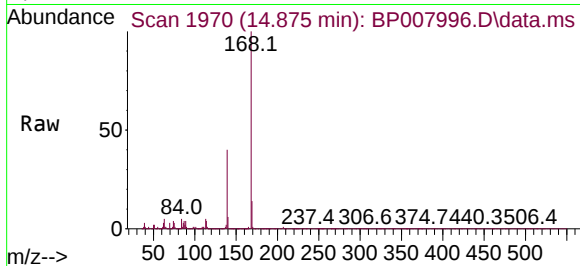




#55
Dibenzofuran
Concen: 4.356 ng
RT: 14.875 min Scan# 1970
Delta R.T. -0.006 min
Lab File: BP007996.D
Acq: 16 Nov 2021 12:46

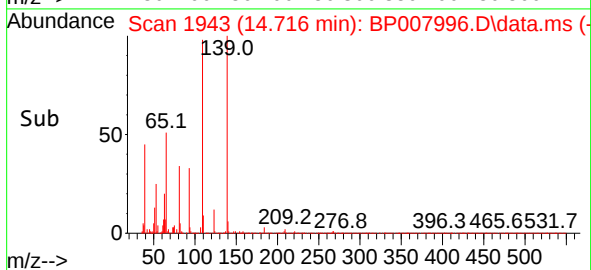
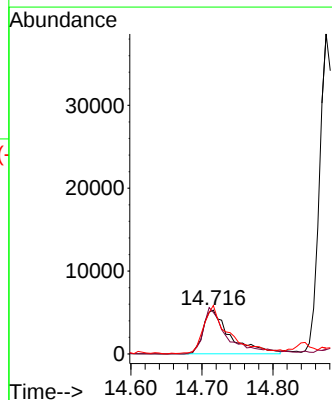
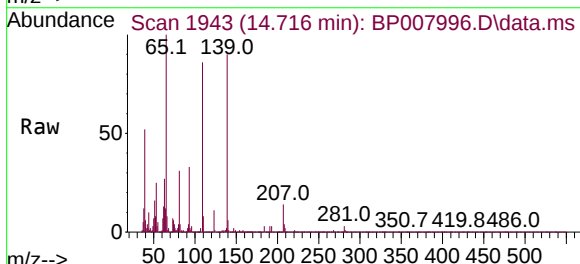
Instrument : BNA_P
ClientSampleId : MDL-SOIL-03-QT4-2021

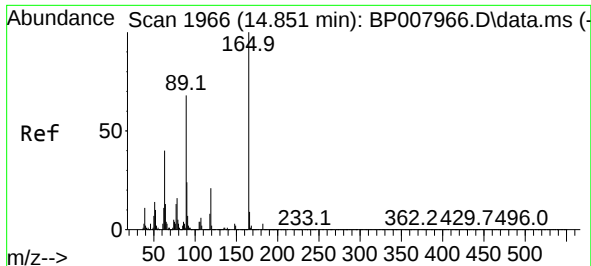
Tgt Ion:168 Resp: 135663
Ion Ratio Lower Upper
168 100
139 40.4 30.8 46.2
169 13.8 11.0 16.6



#56
4-Nitrophenol
Concen: 2.995 ng
RT: 14.716 min Scan# 1943
Delta R.T. 0.012 min
Lab File: BP007996.D
Acq: 16 Nov 2021 12:46

Tgt Ion:139 Resp: 14081
Ion Ratio Lower Upper
139 100
109 95.1 60.9 100.9
65 110.8 76.5 116.5

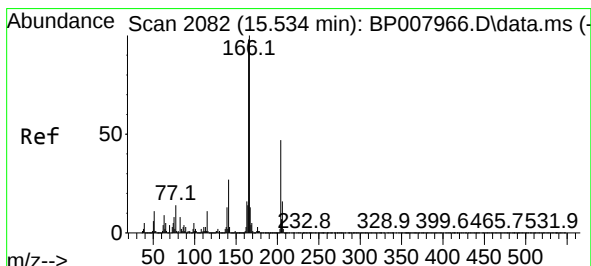
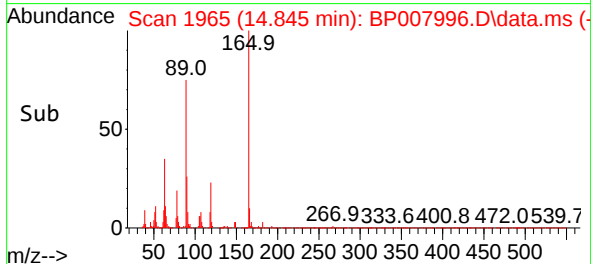
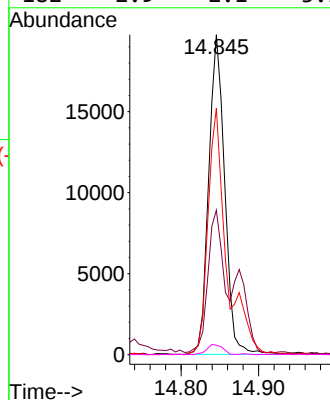
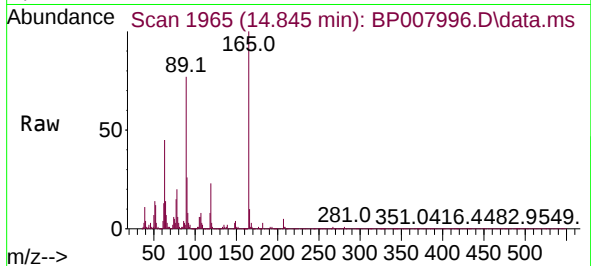




#57
2,4-Dinitrotoluene
Concen: 3.757 ng
RT: 14.845 min Scan# 1965
Delta R.T. -0.006 min
Lab File: BP007996.D
Acq: 16 Nov 2021 12:46

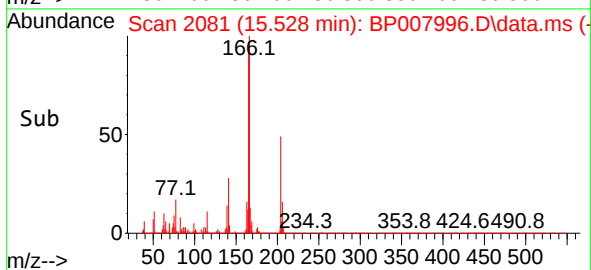
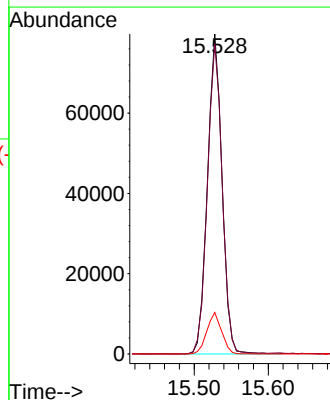
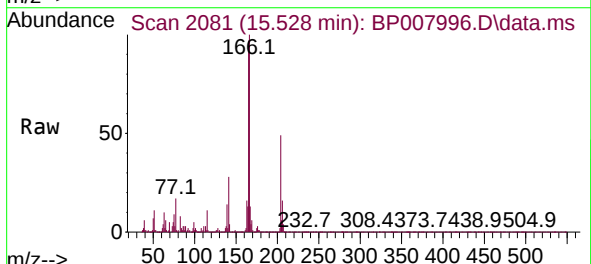
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT4-2021

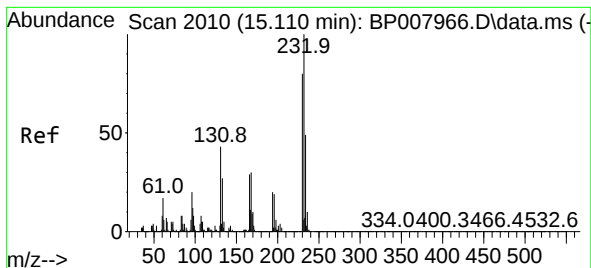
Tgt Ion:	165	Resp:	28300
Ion Ratio	Lower	Upper	
165	100		
63	45.1	37.4	56.0
89	77.1	61.8	92.6
182	2.9	2.1	3.1



#58
Fluorene
Concen: 4.404 ng
RT: 15.528 min Scan# 2081
Delta R.T. -0.006 min
Lab File: BP007996.D
Acq: 16 Nov 2021 12:46

Tgt Ion:	166	Resp:	109142
Ion Ratio	Lower	Upper	
166	100		
165	96.9	78.9	118.3
167	12.9	10.9	16.3

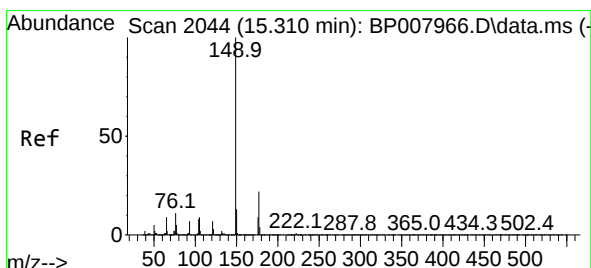
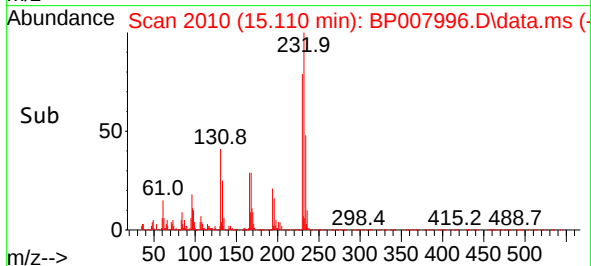
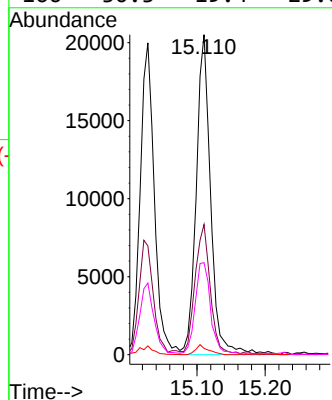
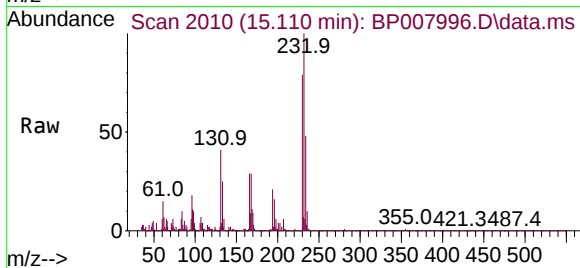




#59
2,3,4,6-Tetrachlorophenol
Concen: 3.880 ng
RT: 15.110 min Scan# 2010
Delta R.T. 0.000 min
Lab File: BP007996.D
Acq: 16 Nov 2021 12:46

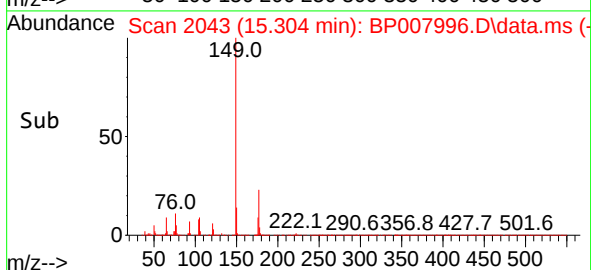
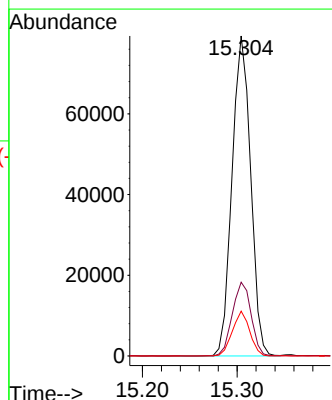
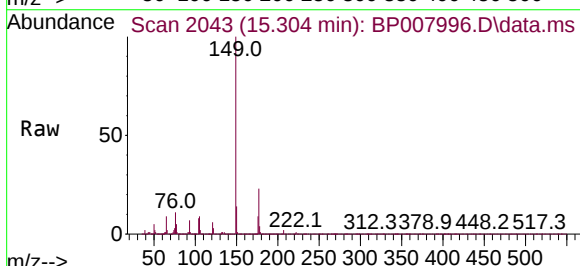
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT4-2021

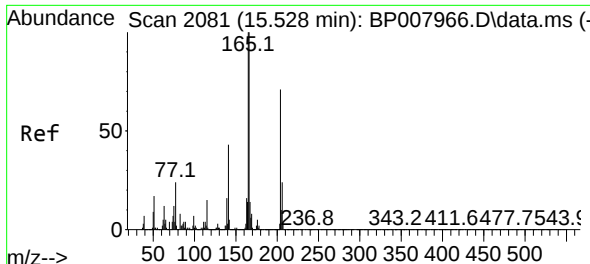
Tgt Ion:	232	Resp:	30099
Ion Ratio	Lower	Upper	
232	100		
131	41.9	30.3	45.5
130	2.6	1.8	2.8
166	30.3	19.4	29.0



#60
Diethylphthalate
Concen: 4.113 ng
RT: 15.304 min Scan# 2043
Delta R.T. -0.006 min
Lab File: BP007996.D
Acq: 16 Nov 2021 12:46

Tgt Ion:	149	Resp:	107984
Ion Ratio	Lower	Upper	
149	100		
177	23.1	17.8	26.8
150	14.0	10.2	15.2

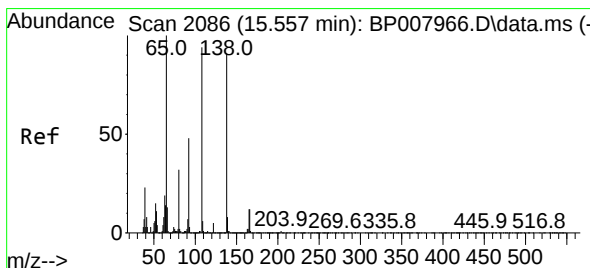
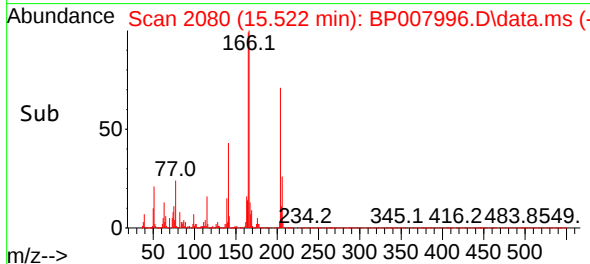
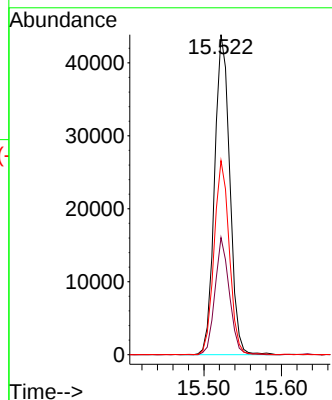
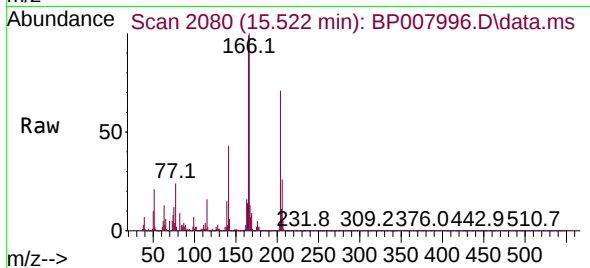




#61
4-Chlorophenyl-phenylether
Concen: 4.469 ng
RT: 15.522 min Scan# 2080
Delta R.T. -0.006 min
Lab File: BP007996.D
Acq: 16 Nov 2021 12:46

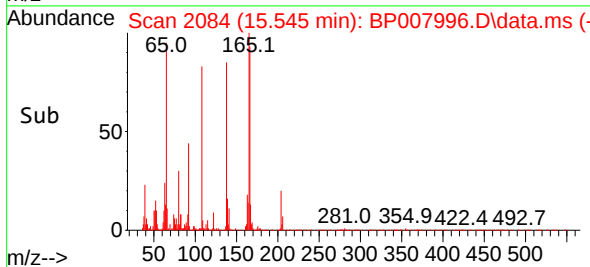
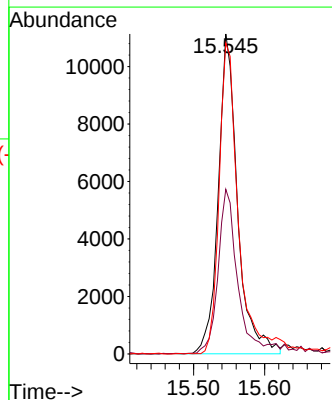
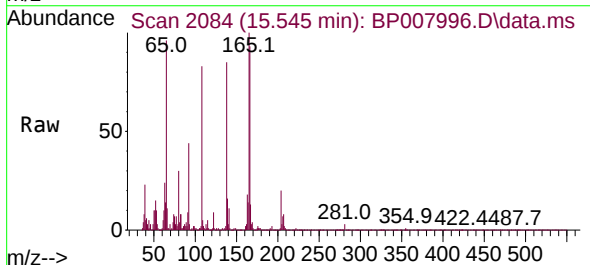
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT4-2021

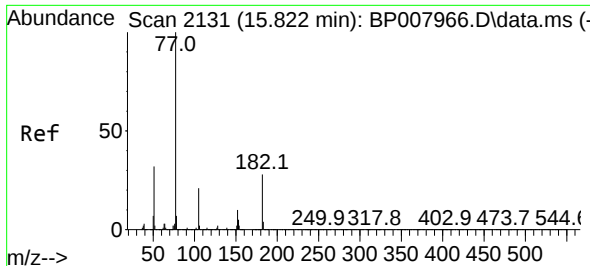
Tgt Ion:	204	Resp:	59895
Ion Ratio	Lower	Upper	
204	100		
206	36.6	25.8	38.8
141	60.6	48.8	73.2



#62
4-Nitroaniline
Concen: 3.533 ng
RT: 15.545 min Scan# 2084
Delta R.T. -0.012 min
Lab File: BP007996.D
Acq: 16 Nov 2021 12:46

Tgt Ion:	138	Resp:	20949
Ion Ratio	Lower	Upper	
138	100		
92	51.4	30.7	70.7
108	97.2	71.2	111.2

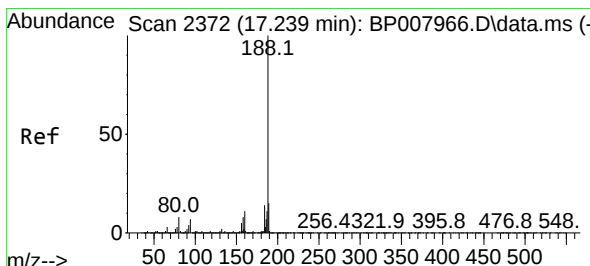
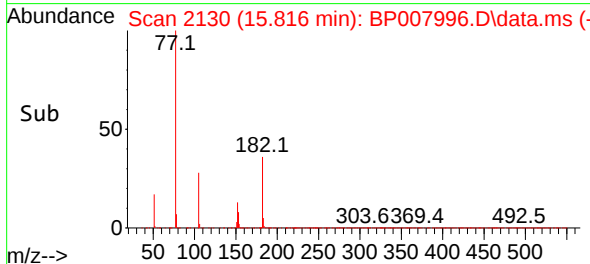
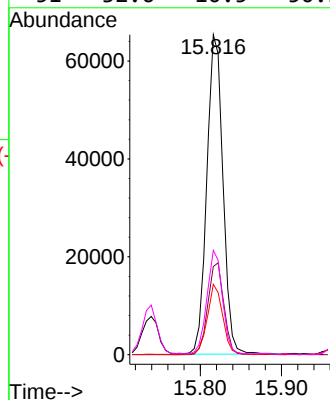
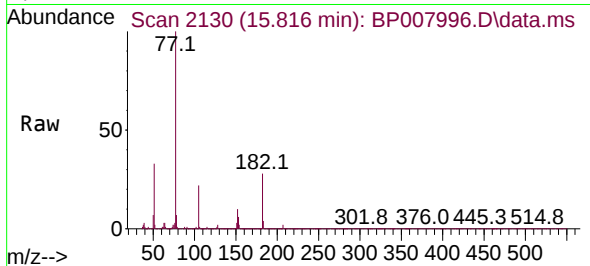




#63
Azobenzene
Concen: 4.067 ng
RT: 15.816 min Scan# 2131
Delta R.T. -0.006 min
Lab File: BP007996.D
Acq: 16 Nov 2021 12:46

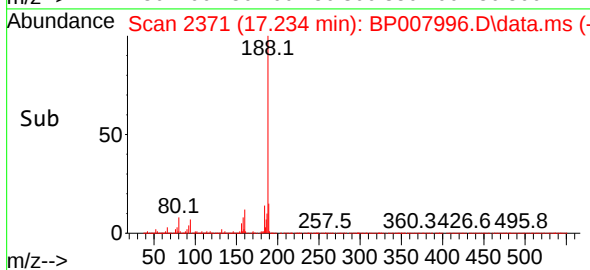
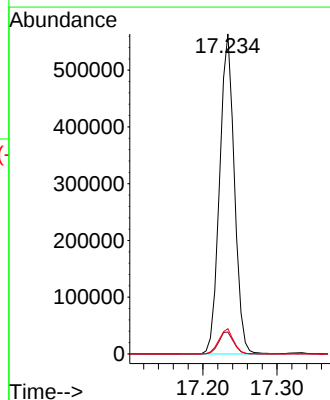
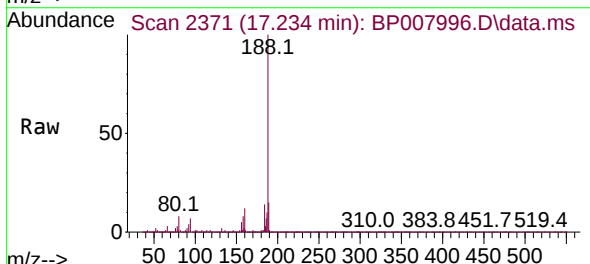
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT4-2021

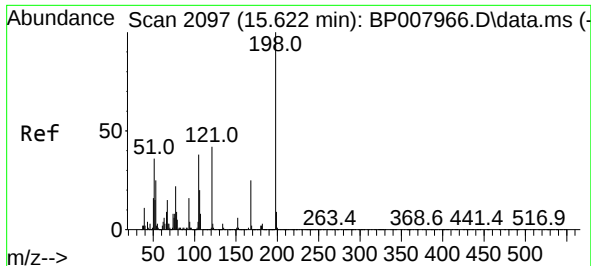
Tgt Ion: 77	Resp: 89896
Ion Ratio	Lower Upper
77 100	
182 27.6	6.5 46.5
105 22.0	1.3 41.3
51 32.6	10.5 50.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.234 min Scan# 2371
Delta R.T. -0.006 min
Lab File: BP007996.D
Acq: 16 Nov 2021 12:46

Tgt Ion: 188	Resp: 780151
Ion Ratio	Lower Upper
188 100	
94 6.9	7.1 10.7#
80 7.9	7.8 11.6

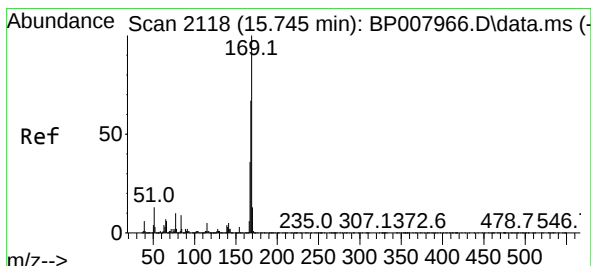
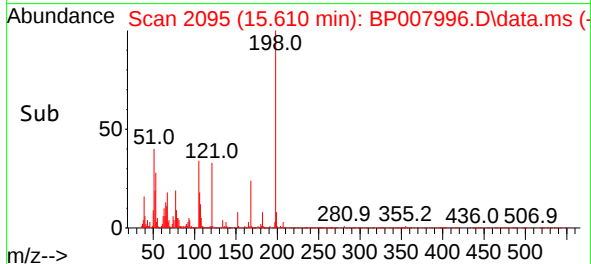
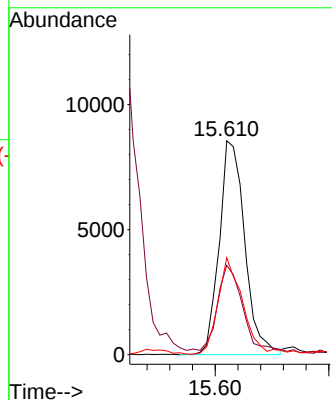
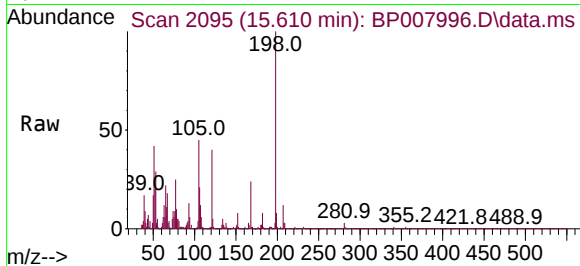




#65
4,6-Dinitro-2-methylphenol
Concen: 2.612 ng
RT: 15.610 min Scan# 2095
Delta R.T. -0.012 min
Lab File: BP007996.D
Acq: 16 Nov 2021 12:46

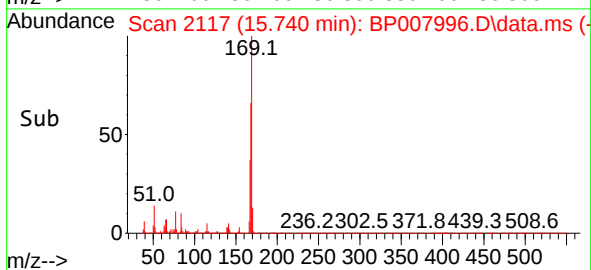
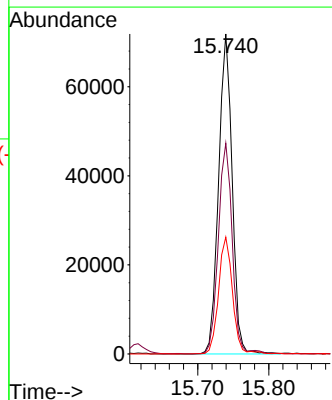
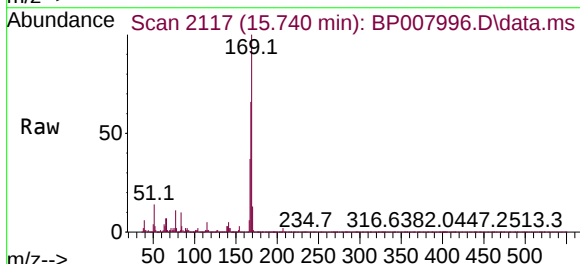
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT4-2021

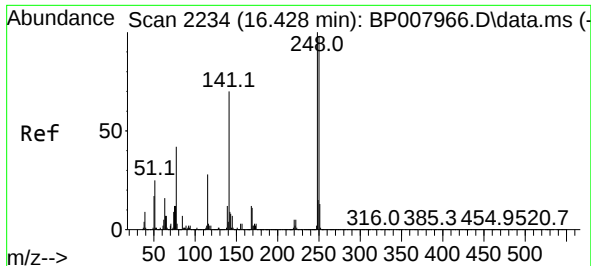
Tgt Ion:198 Resp: 13356
Ion Ratio Lower Upper
198 100
51 41.8 23.8 63.8
105 45.3 24.6 64.6



#66
n-Nitrosodiphenylamine
Concen: 4.264 ng
RT: 15.740 min Scan# 2117
Delta R.T. -0.006 min
Lab File: BP007996.D
Acq: 16 Nov 2021 12:46

Tgt Ion:169 Resp: 95211
Ion Ratio Lower Upper
169 100
168 65.9 52.7 79.1
167 36.5 29.0 43.6

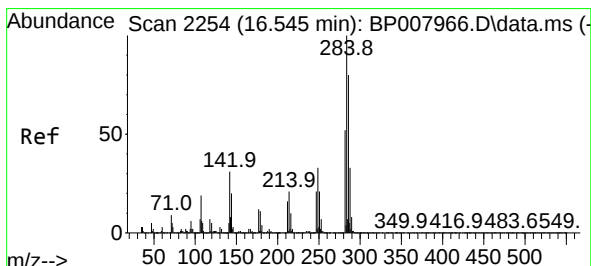
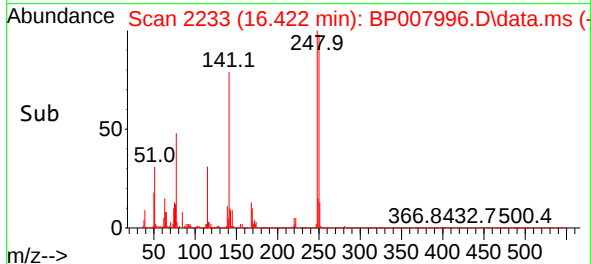
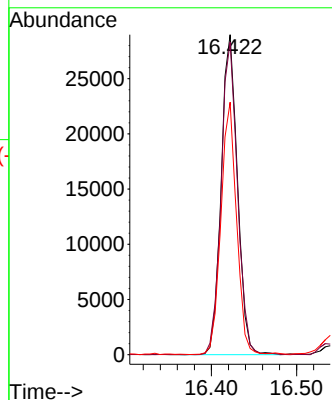
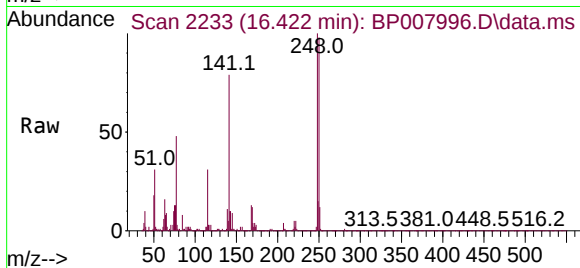




#67
4-Bromophenyl-phenylether
Concen: 4.208 ng
RT: 16.422 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP007996.D
Acq: 16 Nov 2021 12:46

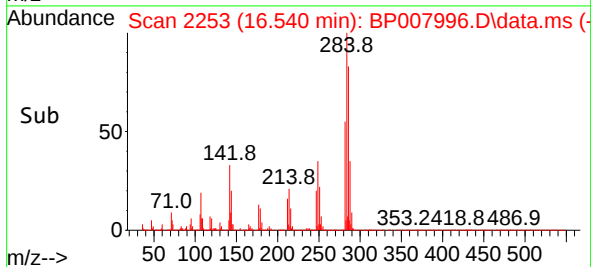
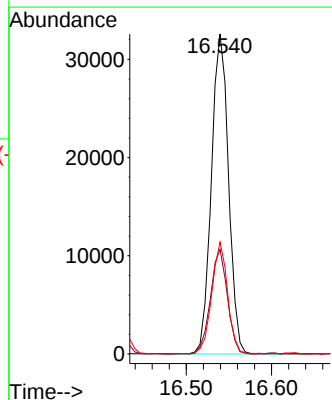
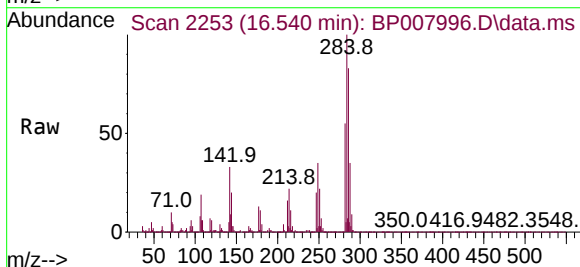
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT4-2021

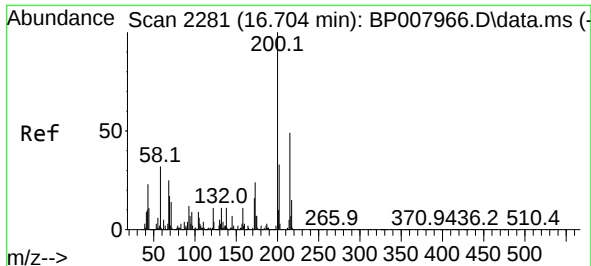
Tgt Ion:248 Resp: 38395
Ion Ratio Lower Upper
248 100
250 97.7 78.2 117.2
141 78.9 60.8 91.2



#68
Hexachlorobenzene
Concen: 4.421 ng
RT: 16.540 min Scan# 2253
Delta R.T. -0.006 min
Lab File: BP007996.D
Acq: 16 Nov 2021 12:46

Tgt Ion:284 Resp: 45430
Ion Ratio Lower Upper
284 100
142 32.7 30.6 46.0
249 34.9 26.6 40.0

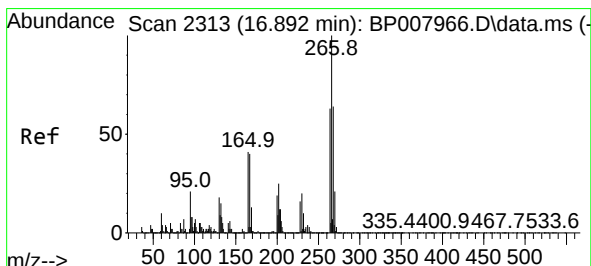
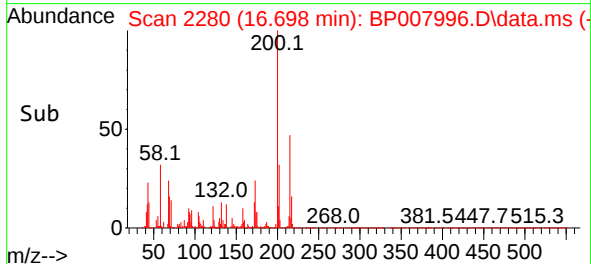
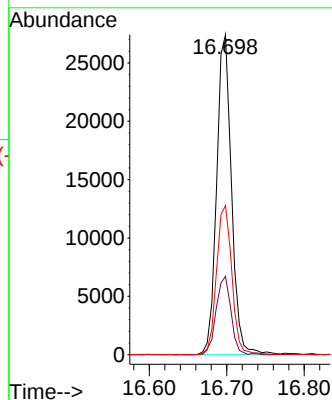
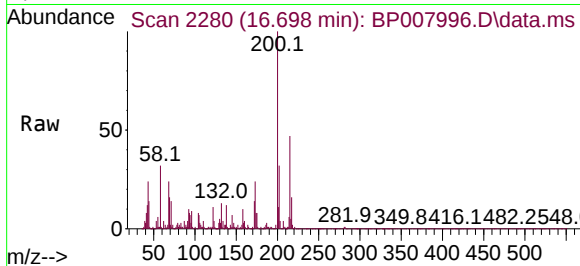




#69
Atrazine
Concen: 6.272 ng
RT: 16.698 min Scan# 211
Delta R.T. -0.006 min
Lab File: BP007996.D
Acq: 16 Nov 2021 12:46

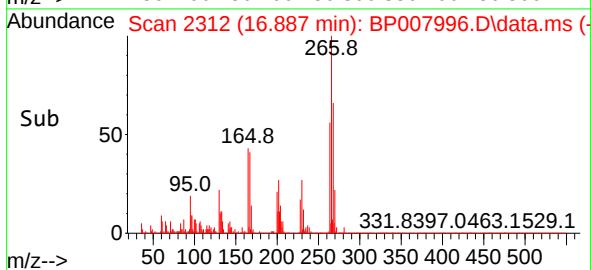
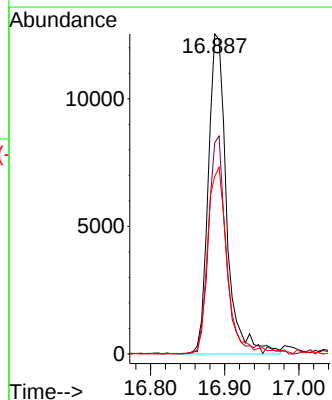
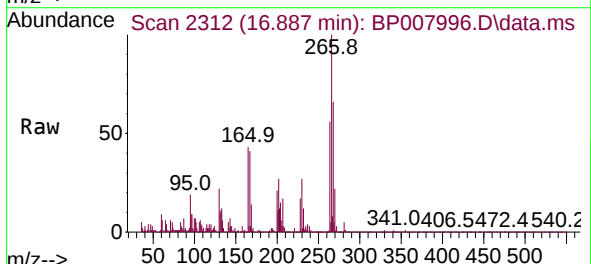
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT4-2021

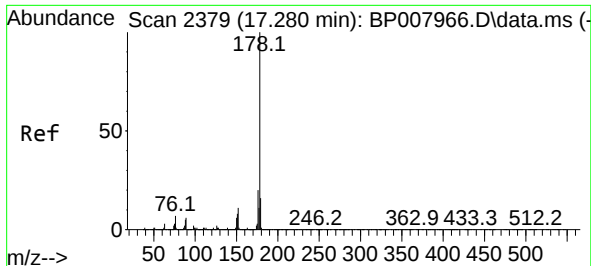
Tgt Ion:200 Resp: 36514
Ion Ratio Lower Upper
200 100
173 24.4 6.2 46.2
215 46.6 28.2 68.2



#70
Pentachlorophenol
Concen: 3.440 ng
RT: 16.887 min Scan# 2312
Delta R.T. -0.006 min
Lab File: BP007996.D
Acq: 16 Nov 2021 12:46

Tgt Ion:266 Resp: 21556
Ion Ratio Lower Upper
266 100
268 66.0 49.3 73.9
264 55.5 48.7 73.1

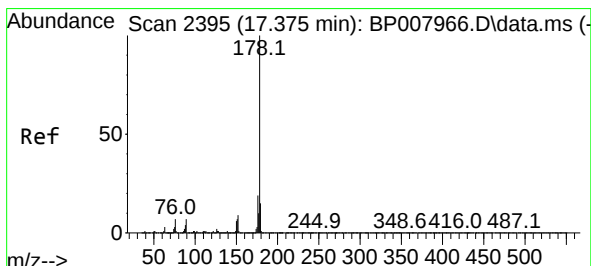
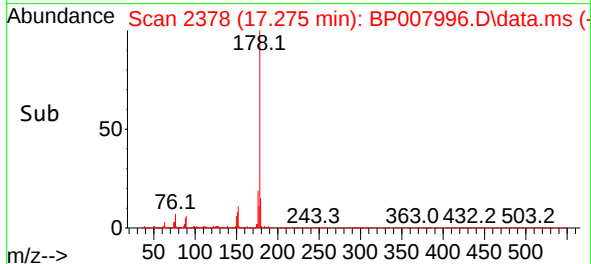
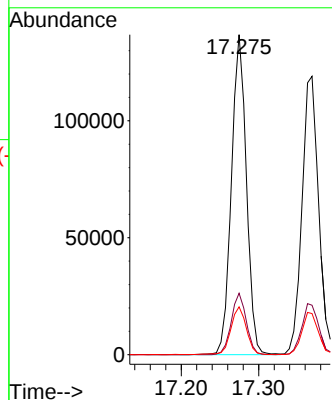
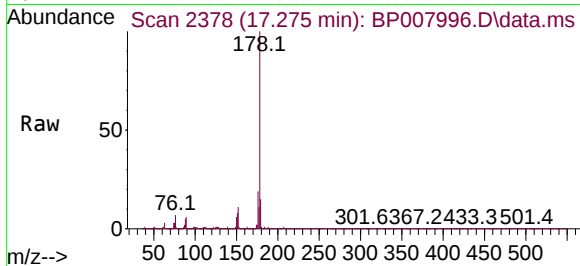




#71
Phenanthrene
Concen: 4.422 ng
RT: 17.275 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP007996.D
Acq: 16 Nov 2021 12:46

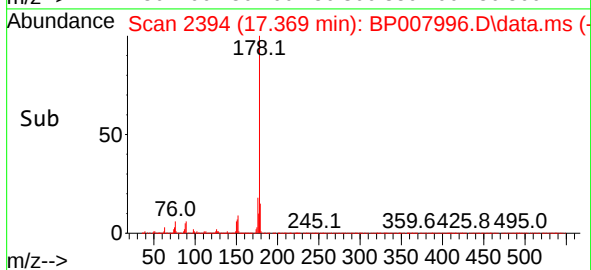
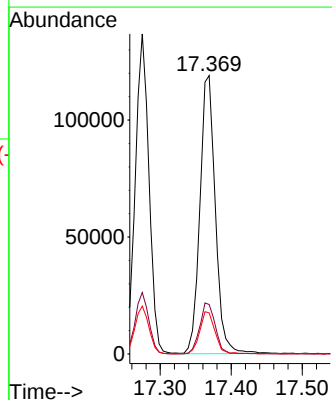
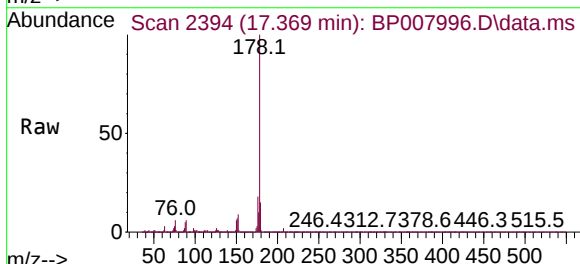
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT4-2021

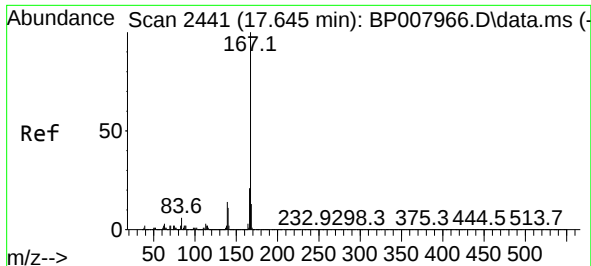
Tgt Ion:178 Resp: 183806
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.0
179 14.9 12.3 18.5



#72
Anthracene
Concen: 4.414 ng
RT: 17.369 min Scan# 2394
Delta R.T. -0.006 min
Lab File: BP007996.D
Acq: 16 Nov 2021 12:46

Tgt Ion:178 Resp: 179841
Ion Ratio Lower Upper
178 100
176 17.7 15.0 22.6
179 14.8 12.2 18.4

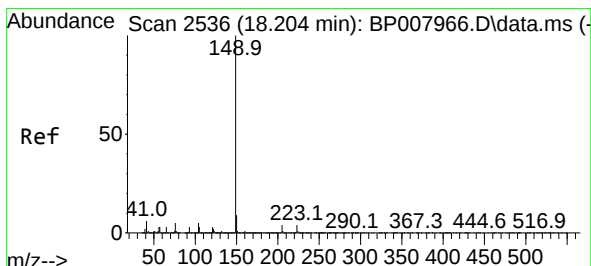
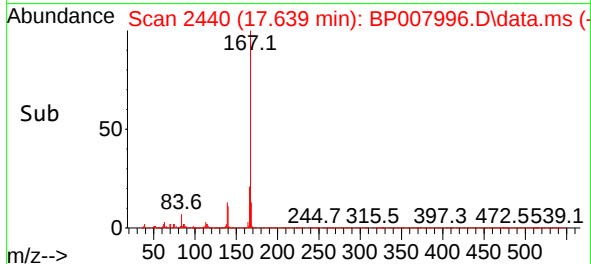
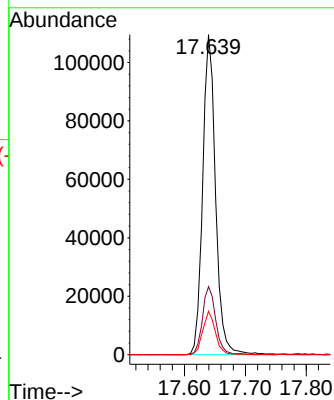
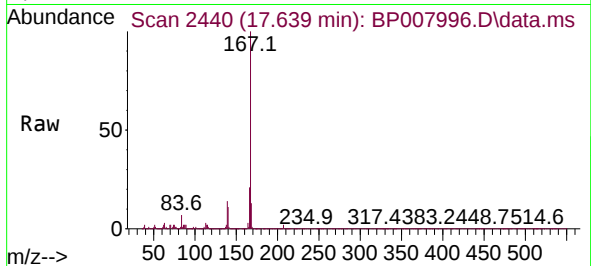




#73
 Carbazole
 Concen: 4.015 ng
 RT: 17.639 min Scan# 2441
 Delta R.T. -0.006 min
 Lab File: BP007996.D
 Acq: 16 Nov 2021 12:46

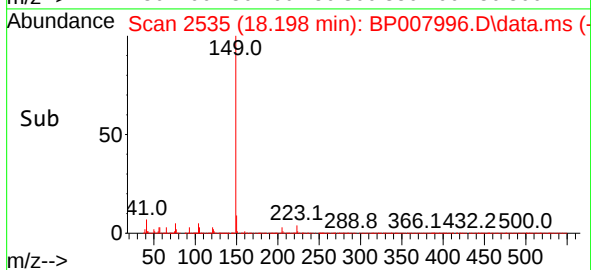
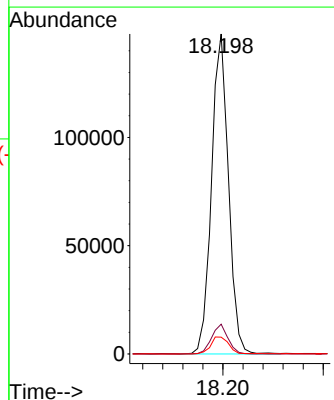
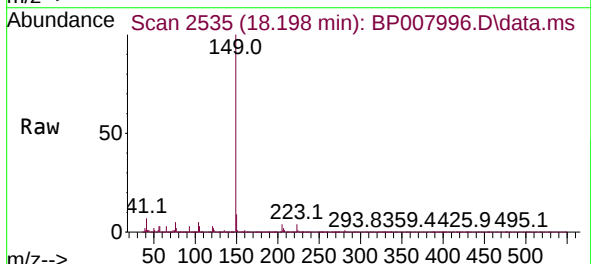
Instrument : BNA_P
 ClientSampleId : MDL-SOIL-03-QT4-2021

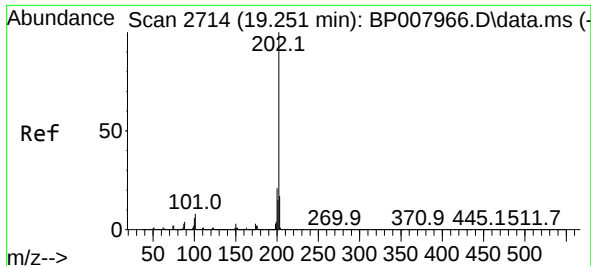
Tgt Ion:167 Resp: 161080
 Ion Ratio Lower Upper
 167 100
 166 21.2 17.3 25.9
 139 13.6 10.4 15.6



#74
 Di-n-butylphthalate
 Concen: 3.817 ng
 RT: 18.198 min Scan# 2535
 Delta R.T. -0.006 min
 Lab File: BP007996.D
 Acq: 16 Nov 2021 12:46

Tgt Ion:149 Resp: 173306
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.6 11.4
 104 5.2 4.2 6.4

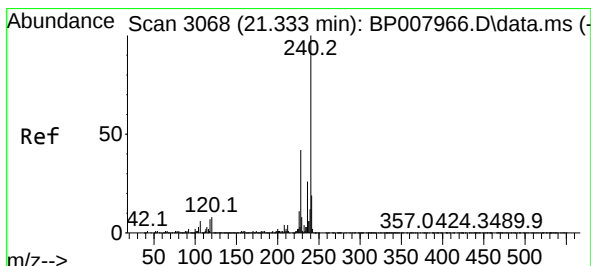
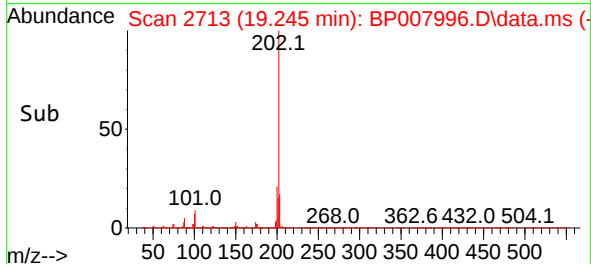
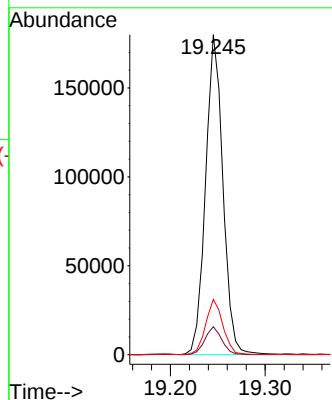
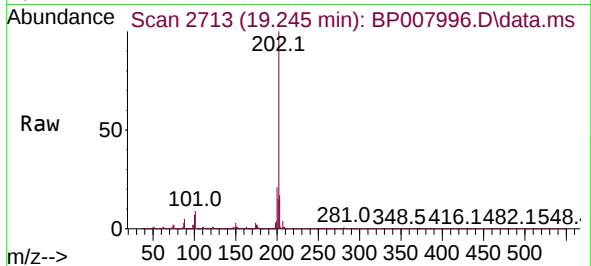




#75
Fluoranthene
Concen: 4.351 ng
RT: 19.245 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP007996.D
Acq: 16 Nov 2021 12:46

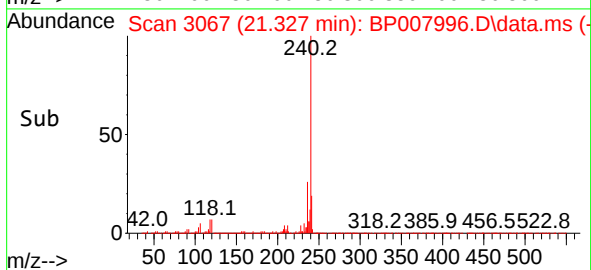
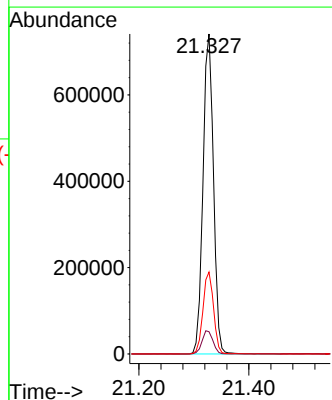
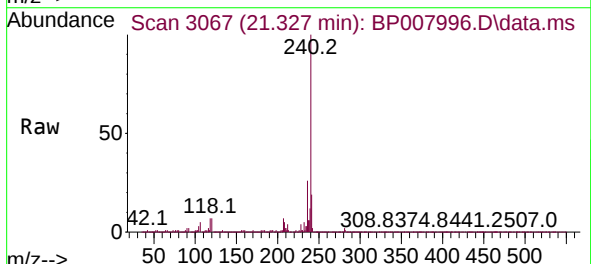
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT4-2021

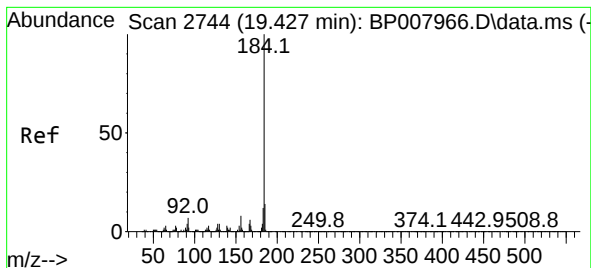
Tgt Ion:202 Resp: 228967
Ion Ratio Lower Upper
202 100
101 8.8 0.0 30.4
203 17.3 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.327 min Scan# 3067
Delta R.T. -0.006 min
Lab File: BP007996.D
Acq: 16 Nov 2021 12:46

Tgt Ion:240 Resp: 981330
Ion Ratio Lower Upper
240 100
120 7.0 7.8 11.8#
236 25.6 20.6 30.8





#77

Benzidine

Concen: 6.905 ng

RT: 19.428 min Scan# 21

Delta R.T. 0.001 min

Lab File: BP007996.D

Acq: 16 Nov 2021 12:46

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-03-QT4-2021

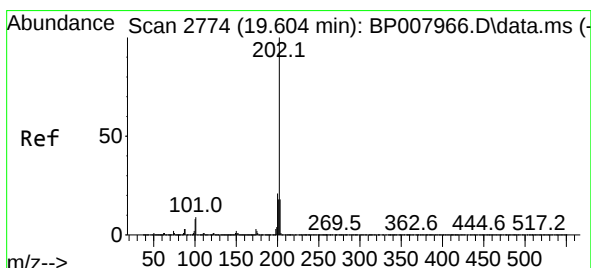
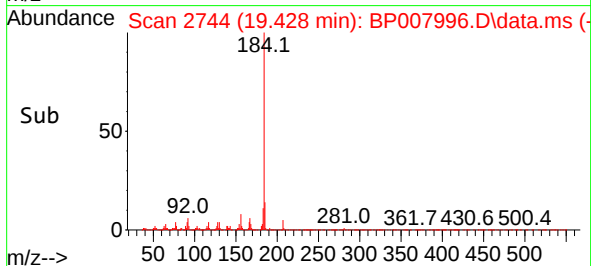
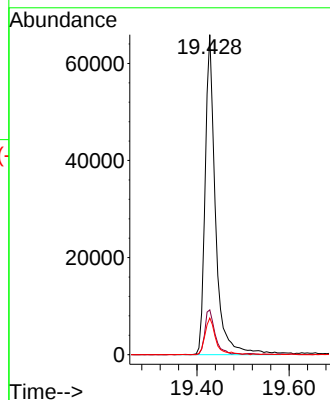
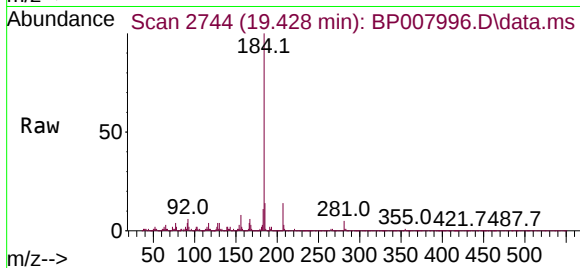
Tgt Ion:184 Resp: 103970

Ion Ratio Lower Upper

184 100

185 14.0 11.2 16.8

183 11.4 9.1 13.7



#78

Pyrene

Concen: 4.181 ng

RT: 19.598 min Scan# 2773

Delta R.T. -0.006 min

Lab File: BP007996.D

Acq: 16 Nov 2021 12:46

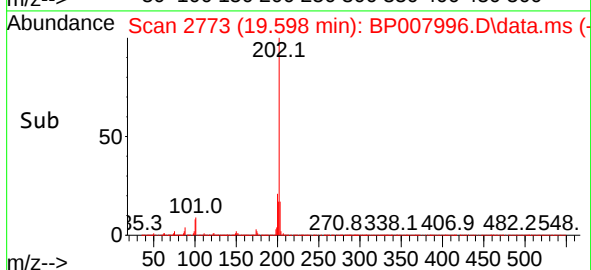
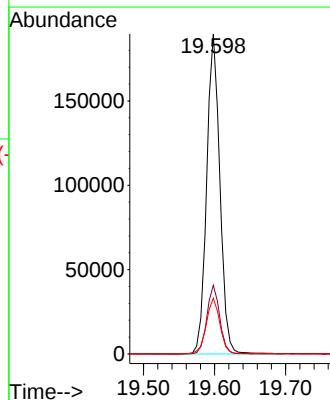
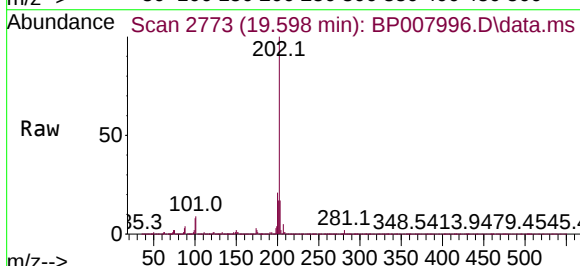
Tgt Ion:202 Resp: 245386

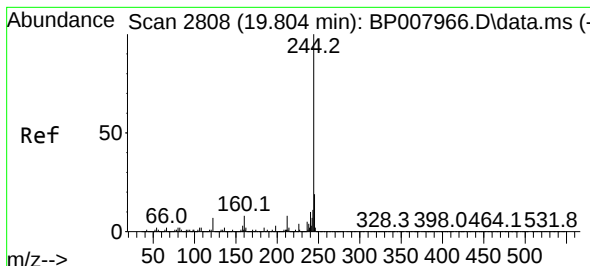
Ion Ratio Lower Upper

202 100

200 21.4 16.9 25.3

203 17.4 13.8 20.6





#79

Terphenyl-d14

Concen: 72.703 ng

RT: 19.798 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP007996.D

Acq: 16 Nov 2021 12:46

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-03-QT4-2021

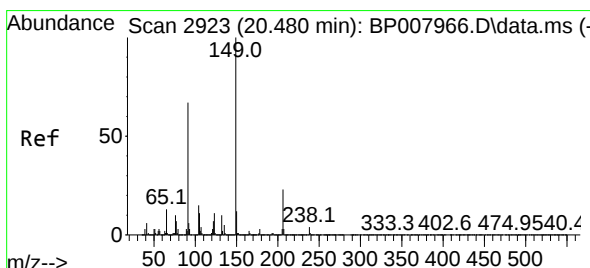
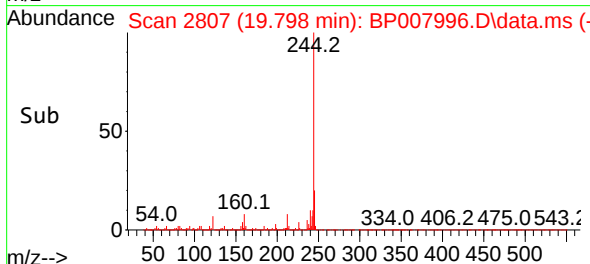
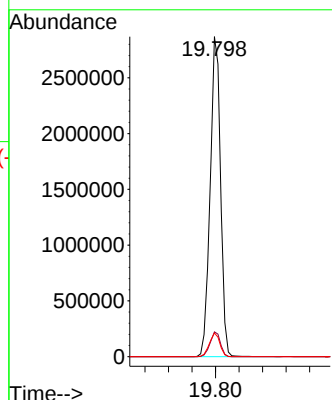
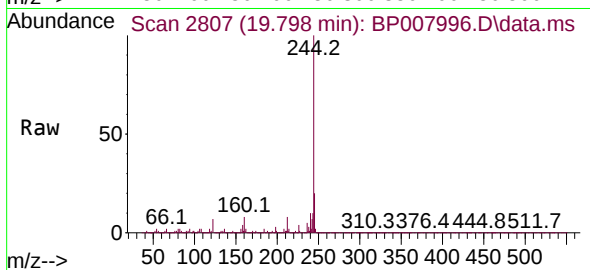
Tgt Ion:244 Resp: 3518542

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.2

122 7.4 7.8 11.8#



#80

Butylbenzylphthalate

Concen: 3.388 ng

RT: 20.475 min Scan# 2922

Delta R.T. -0.006 min

Lab File: BP007996.D

Acq: 16 Nov 2021 12:46

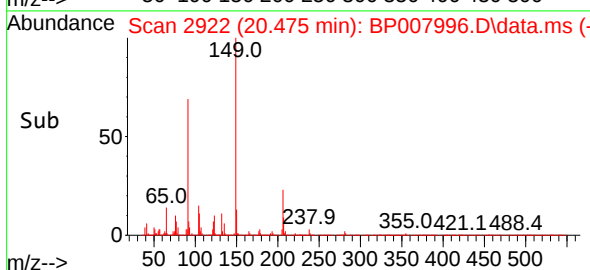
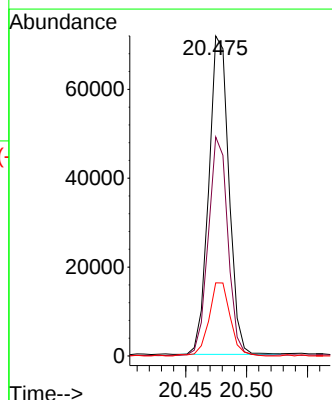
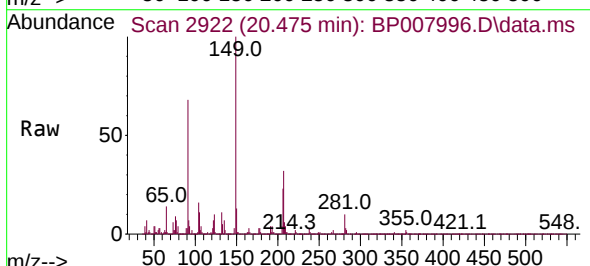
Tgt Ion:149 Resp: 82105

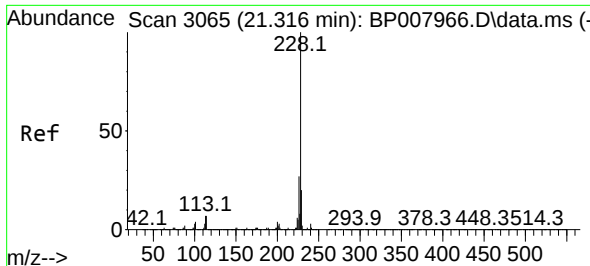
Ion Ratio Lower Upper

149 100

91 68.5 56.6 85.0

206 22.8 17.4 26.2

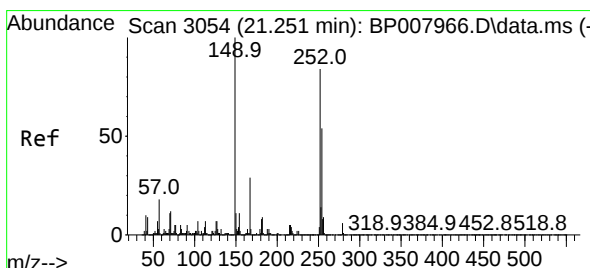
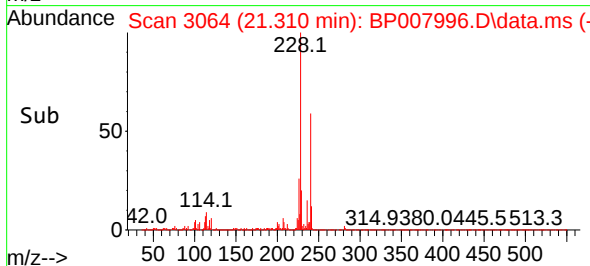
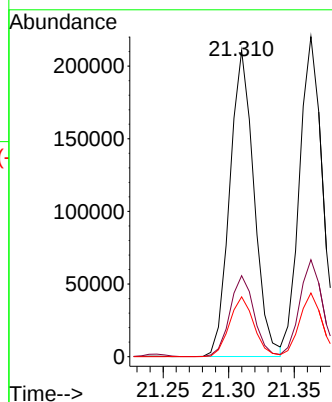
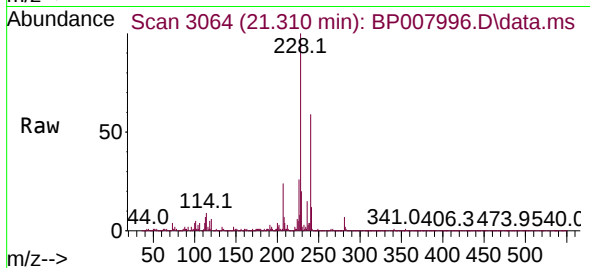




#81
Benzo(a)anthracene
Concen: 4.189 ng
RT: 21.310 min Scan# 3065
Delta R.T. -0.006 min
Lab File: BP007996.D
Acq: 16 Nov 2021 12:46

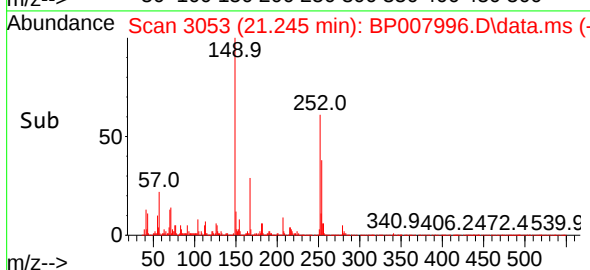
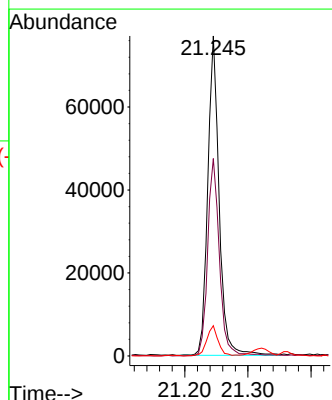
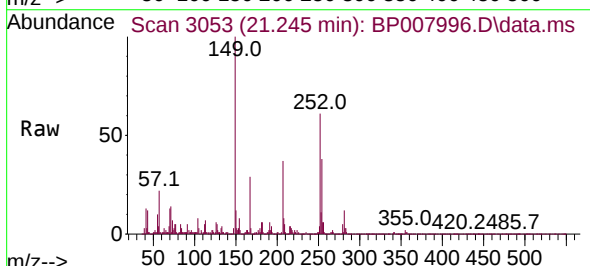
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT4-2021

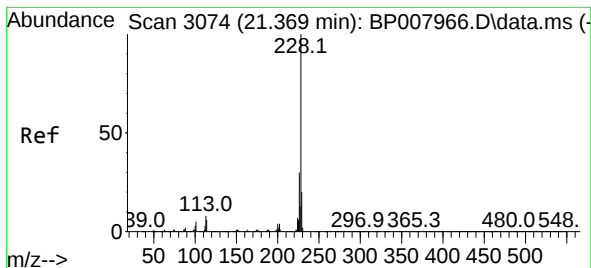
Tgt Ion:228 Resp: 270621
Ion Ratio Lower Upper
228 100
226 26.4 21.8 32.6
229 19.6 15.7 23.5



#82
3,3'-Dichlorobenzidine
Concen: 3.229 ng
RT: 21.245 min Scan# 3053
Delta R.T. -0.006 min
Lab File: BP007996.D
Acq: 16 Nov 2021 12:46

Tgt Ion:252 Resp: 96292
Ion Ratio Lower Upper
252 100
254 61.7 51.5 77.3
126 9.4 8.5 12.7





#83

Chrysene

Concen: 4.335 ng

RT: 21.363 min Scan# 3073

Delta R.T. -0.006 min

Lab File: BP007996.D

Acq: 16 Nov 2021 12:46

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-03-QT4-2021

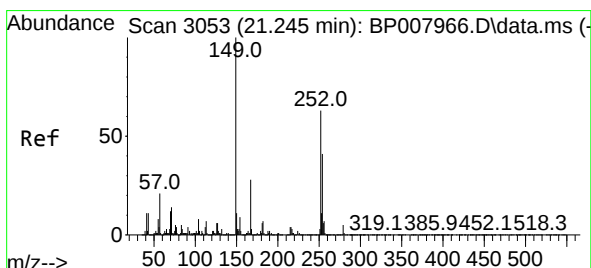
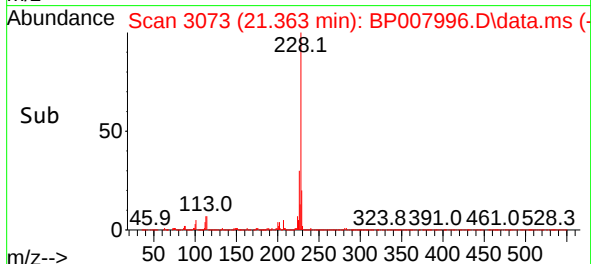
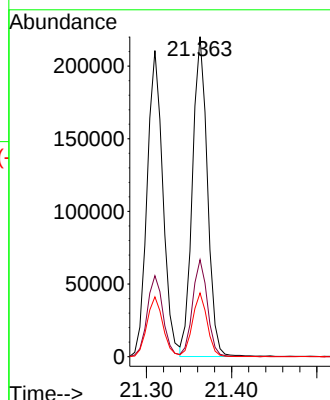
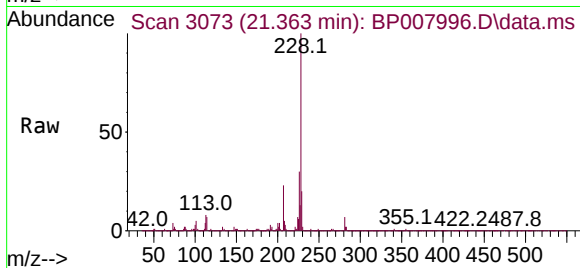
Tgt Ion:228 Resp: 268462

Ion Ratio Lower Upper

228 100

226 30.3 24.6 37.0

229 19.9 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.756 ng

RT: 21.245 min Scan# 3053

Delta R.T. 0.000 min

Lab File: BP007996.D

Acq: 16 Nov 2021 12:46

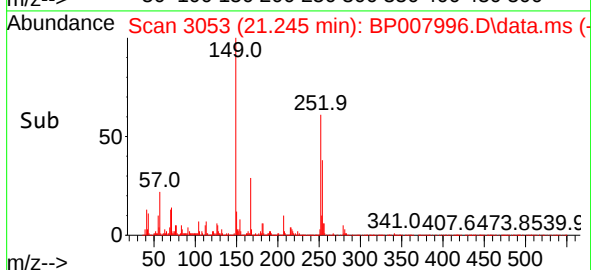
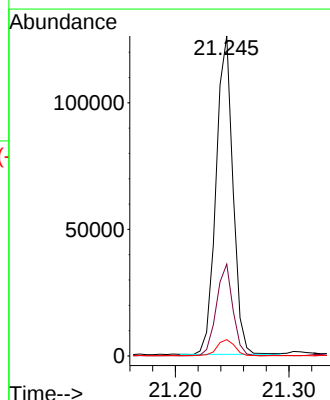
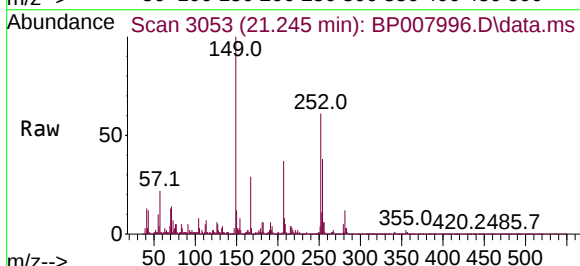
Tgt Ion:149 Resp: 129945

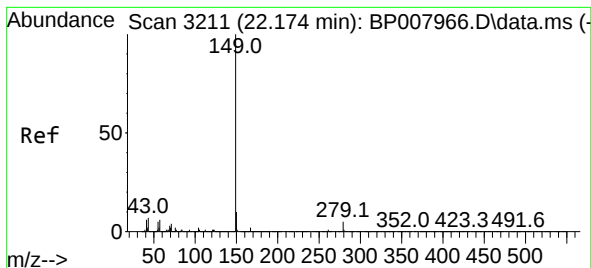
Ion Ratio Lower Upper

149 100

167 28.7 21.6 32.4

279 5.1 3.3 4.9#





#85

Di-n-octyl phthalate

Concen: 3.550 ng

RT: 22.169 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP007996.D

Acq: 16 Nov 2021 12:46

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-03-QT4-2021

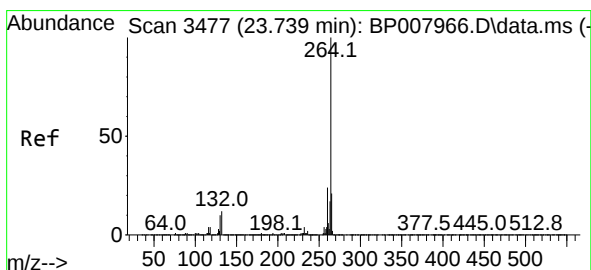
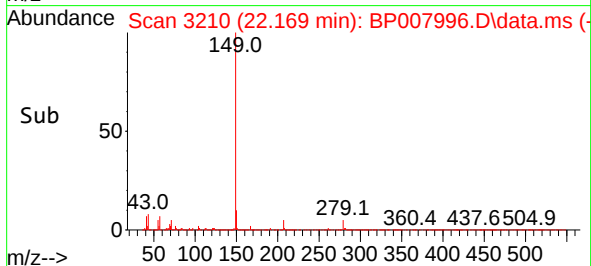
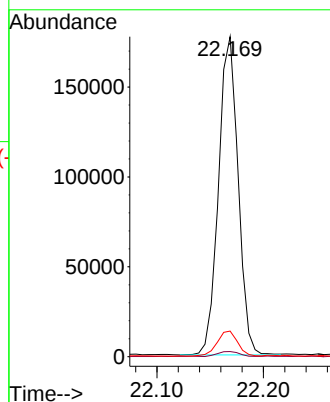
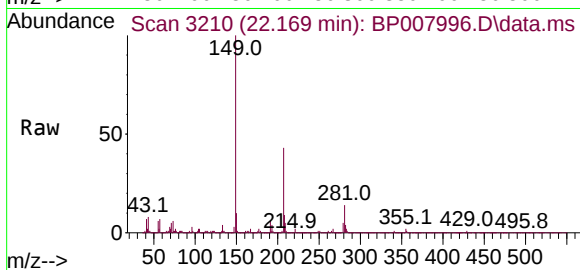
Tgt Ion:149 Resp: 226355

Ion Ratio Lower Upper

149 100

167 1.8 1.3 1.9

43 8.3 7.3 10.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.727 min Scan# 3475

Delta R.T. -0.012 min

Lab File: BP007996.D

Acq: 16 Nov 2021 12:46

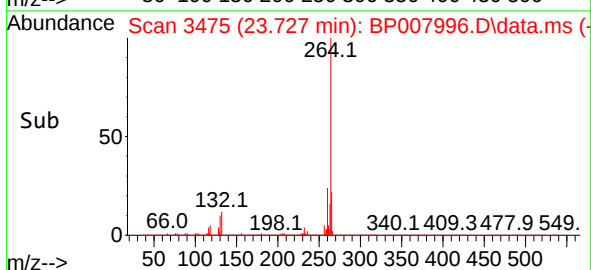
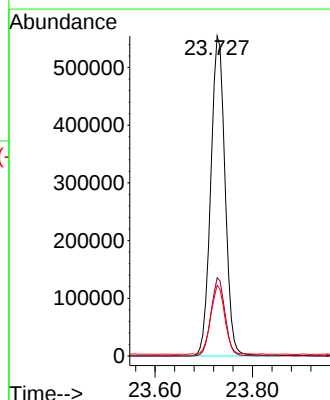
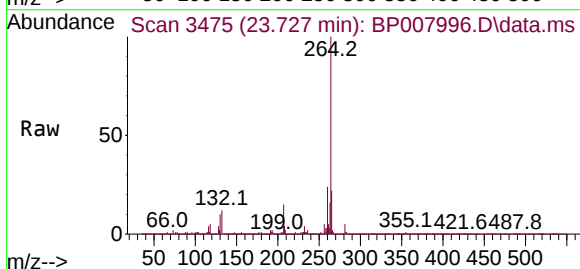
Tgt Ion:264 Resp: 1127744

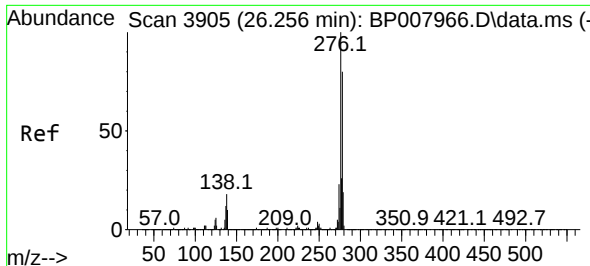
Ion Ratio Lower Upper

264 100

260 24.5 19.1 28.7

265 22.1 16.7 25.1

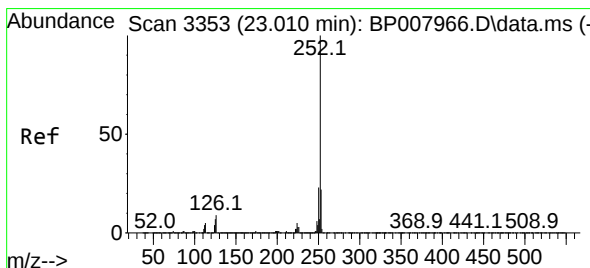
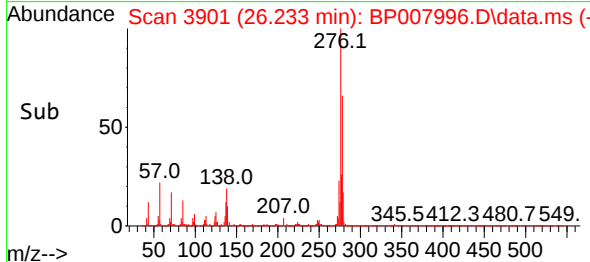
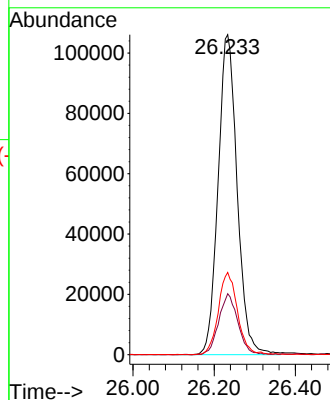
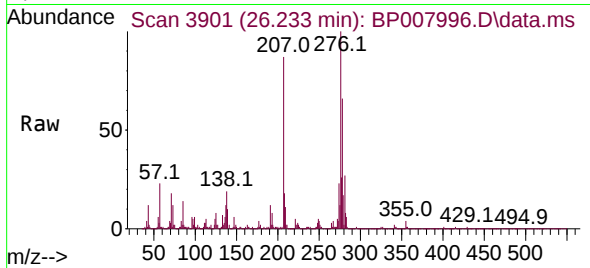




#87
Indeno(1,2,3-cd)pyrene
Concen: 4.248 ng
RT: 26.233 min Scan# 3351
Delta R.T. -0.023 min
Lab File: BP007996.D
Acq: 16 Nov 2021 12:46

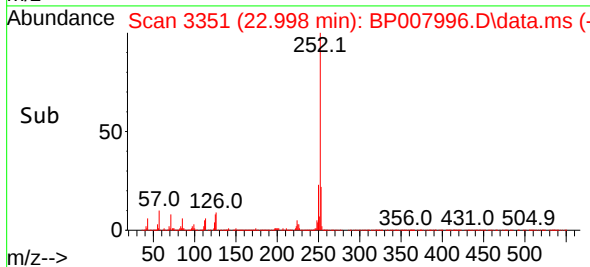
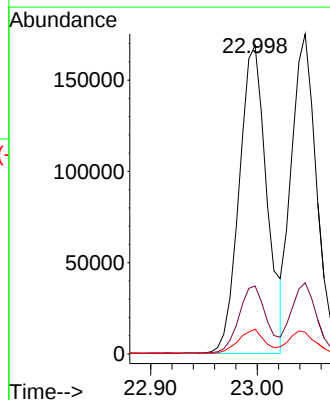
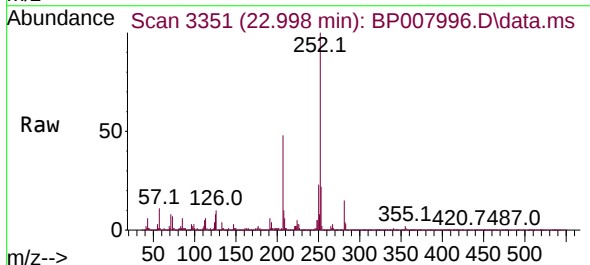
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT4-2021

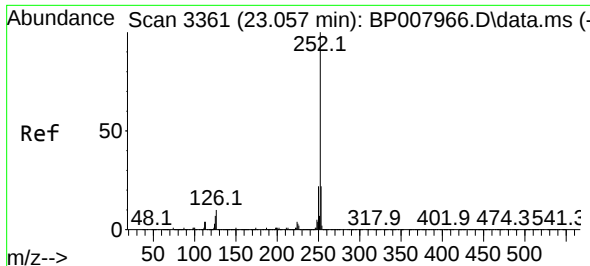
Tgt Ion:276 Resp: 345846
Ion Ratio Lower Upper
276 100
138 19.1 19.4 29.0#
277 25.8 20.2 30.2



#88
Benzo(b)fluoranthene
Concen: 4.545 ng
RT: 22.998 min Scan# 3351
Delta R.T. -0.012 min
Lab File: BP007996.D
Acq: 16 Nov 2021 12:46

Tgt Ion:252 Resp: 305087
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.2
125 8.0 7.4 11.0

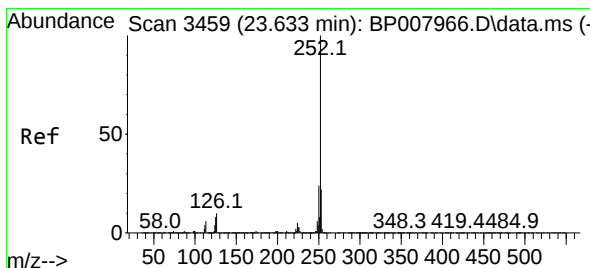
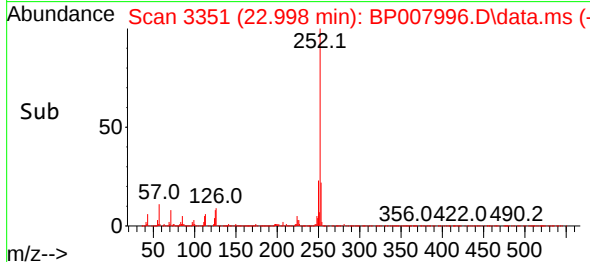
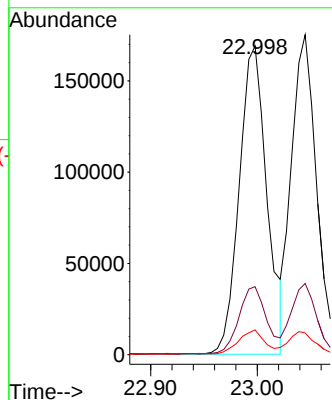
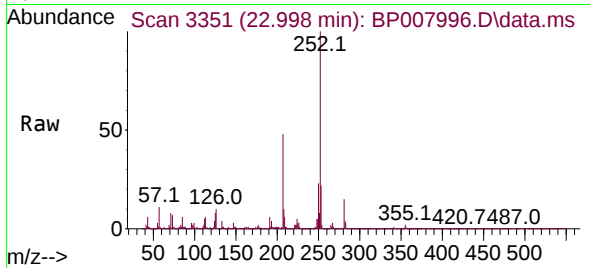




#89
Benzo(k)fluoranthene
Concen: 4.549 ng
RT: 22.998 min Scan# 31
Delta R.T. -0.059 min
Lab File: BP007996.D
Acq: 16 Nov 2021 12:46

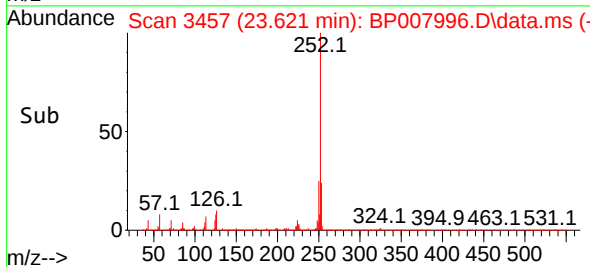
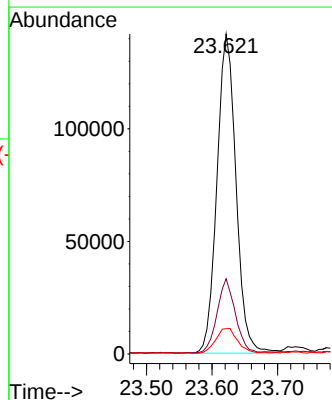
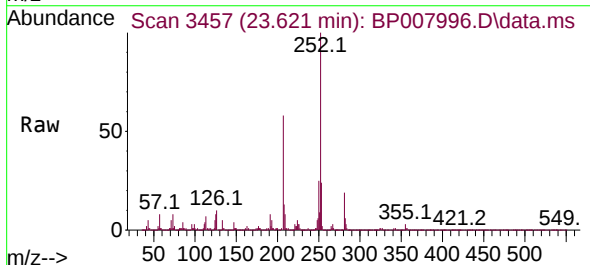
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT4-2021

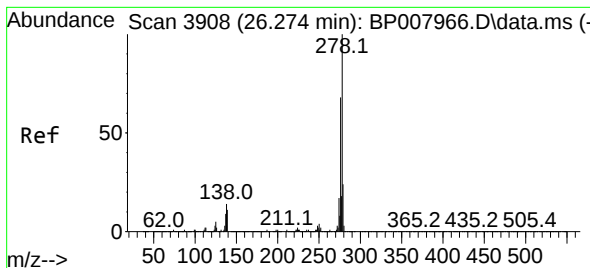
Tgt Ion:252 Resp: 305087
Ion Ratio Lower Upper
252 100
253 22.0 17.6 26.4
125 8.0 7.4 11.0



#90
Benzo(a)pyrene
Concen: 4.975 ng
RT: 23.621 min Scan# 3457
Delta R.T. -0.012 min
Lab File: BP007996.D
Acq: 16 Nov 2021 12:46

Tgt Ion:252 Resp: 285667
Ion Ratio Lower Upper
252 100
253 23.5 17.6 26.4
125 7.9 8.4 12.6#





#91

Dibenzo(a,h)anthracene

Concen: 4.398 ng

RT: 26.251 min Scan# 3904

Delta R.T. -0.023 min

Lab File: BP007996.D

Acq: 16 Nov 2021 12:46

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-03-QT4-2021

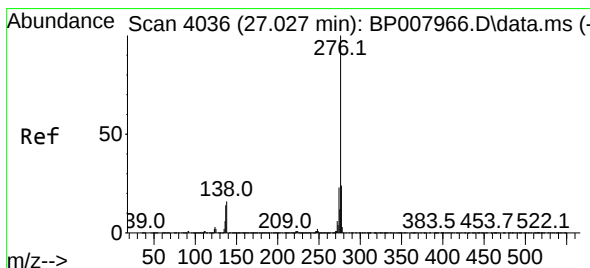
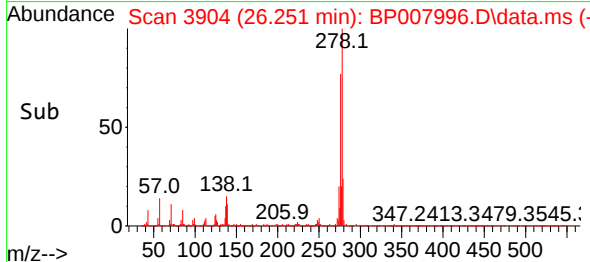
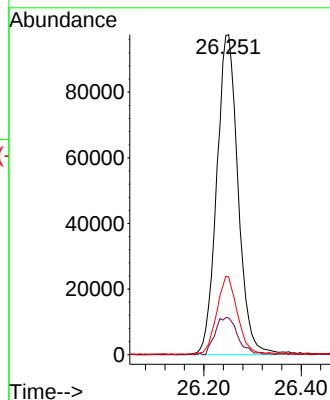
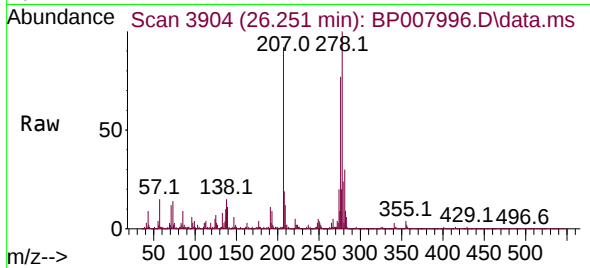
Tgt Ion:278 Resp: 297031

Ion Ratio Lower Upper

278 100

139 11.5 11.8 17.6#

279 24.3 18.6 27.8



#92

Benzo(g,h,i)perylene

Concen: 4.441 ng

RT: 26.998 min Scan# 4031

Delta R.T. -0.029 min

Lab File: BP007996.D

Acq: 16 Nov 2021 12:46

Tgt Ion:276 Resp: 295662

Ion Ratio Lower Upper

276 100

277 23.9 19.4 29.0

138 16.7 16.2 24.4

