

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111621\
 Data File : BP007995.D
 Acq On : 16 Nov 2021 12:11
 Operator : CG/JU
 Sample : M4068-03
 Misc : MDL-MDL-SOIL 8ppm
 ALS Vial : 5 Sample Multiplier: 1

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

Quant Time: Nov 16 12:59:39 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	123989	20.000	ng	0.00
21) Naphthalene-d8	10.640	136	491624	20.000	ng	0.00
39) Acenaphthene-d10	14.481	164	345589	20.000	ng	0.00
64) Phenanthrene-d10	17.239	188	776382	20.000	ng	# 0.00
76) Chrysene-d12	21.333	240	966499	20.000	ng	# 0.00
86) Perylene-d12	23.739	264	1119719	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	924450	120.952	ng	0.00
7) Phenol-d6	7.016	99	1262570	124.171	ng	0.00
23) Nitrobenzene-d5	8.999	82	720757	78.455	ng	0.00
42) 2,4,6-Tribromophenol	15.975	330	692484	127.355	ng	0.00
45) 2-Fluorobiphenyl	13.104	172	1804390	73.239	ng	0.00
79) Terphenyl-d14	19.804	244	3116273	65.379	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.334	88	23776	7.392	ng	99
3) Pyridine	3.740	79	59791	6.480	ng	93
4) n-Nitrosodimethylamine	3.640	42	28709	8.424	ng	99
6) Aniline	7.169	93	98312	8.562	ng	97
8) 2-Chlorophenol	7.405	128	64904	8.032	ng	99
9) Benzaldehyde	6.981	77	56045	8.546	ng	94
10) Phenol	7.040	94	78776	7.985	ng	89
11) bis(2-Chloroethyl)ether	7.269	93	62348	7.691	ng	96
12) 1,3-Dichlorobenzene	7.728	146	69152	7.610	ng	97
13) 1,4-Dichlorobenzene	7.875	146	69034	7.473	ng	98
14) 1,2-Dichlorobenzene	8.193	146	67655	7.253	ng	97
15) Benzyl Alcohol	8.081	79	55066	7.160	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.369	45	69383	7.082	ng	96
17) 2-Methylphenol	8.293	107	48950	7.205	ng	94
18) Hexachloroethane	8.922	117	24661	7.872	ng	92
19) n-Nitroso-di-n-propyla...	8.652	70	45579	7.201	ng	94
20) 3+4-Methylphenols	8.616	107	65811	6.990	ng	93
22) Acetophenone	8.663	105	91642	7.328	ng	# 98
24) Nitrobenzene	9.040	77	73663	8.390	ng	99
25) Isophorone	9.569	82	116235	7.274	ng	98
26) 2-Nitrophenol	9.752	139	30076	6.710	ng	# 88
27) 2,4-Dimethylphenol	9.822	122	56339	8.509	ng	97
28) bis(2-Chloroethoxy)met...	10.051	93	76076	7.175	ng	100
29) 2,4-Dichlorophenol	10.293	162	58940	7.231	ng	97
30) 1,2,4-Trichlorobenzene	10.504	180	71845	7.704	ng	95
31) Naphthalene	10.687	128	195694	7.795	ng	99
32) Benzoic acid	9.910	122	18130	3.169	ng	94
33) 4-Chloroaniline	10.804	127	80813	7.495	ng	100
34) Hexachlorobutadiene	10.981	225	49631	7.788	ng	99
35) Caprolactam	11.581	113	17073	9.538	ng	# 87
36) 4-Chloro-3-methylphenol	11.934	107	65590	7.122	ng	100
37) 2-Methylnaphthalene	12.304	142	146122	7.965	ng	98
38) 1-Methylnaphthalene	12.522	142	135873	7.593	ng	100
40) 1,2,4,5-Tetrachloroben...	12.675	216	83439	7.246	ng	99
41) Hexachlorocyclopentadiene	12.657	237	36648	6.932	ng	98
43) 2,4,6-Trichlorophenol	12.916	196	52515	6.674	ng	98

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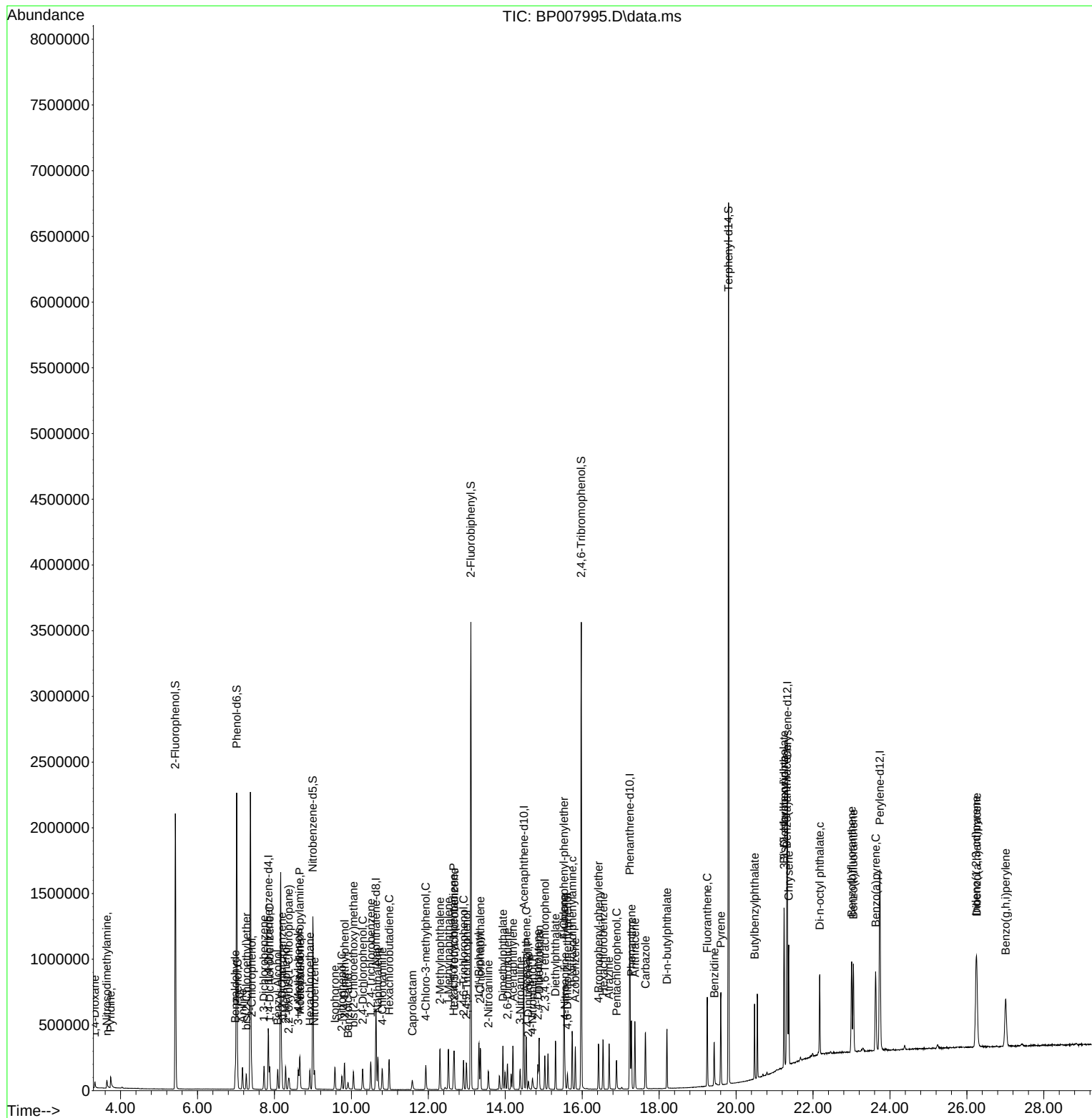
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.993	196	58034	6.788	ng	97
46) 1,1'-Biphenyl	13.316	154	184644	7.153	ng	99
47) 2-Chloronaphthalene	13.351	162	153158	7.585	ng	96
48) 2-Nitroaniline	13.563	65	38996	6.805	ng	96
49) Acenaphthylene	14.198	152	231841	7.548	ng	99
50) Dimethylphthalate	13.940	163	197905	7.238	ng	100
51) 2,6-Dinitrotoluene	14.057	165	39357	6.929	ng	99
52) Acenaphthene	14.545	154	140331	7.633	ng	95
53) 3-Nitroaniline	14.387	138	37560	6.485	ng	98
54) 2,4-Dinitrophenol	14.598	184	15666	4.570	ng	97
55) Dibenzofuran	14.881	168	239233	7.652	ng	98
56) 4-Nitrophenol	14.710	139	29139	6.174	ng	93
57) 2,4-Dinitrotoluene	14.845	165	53050	7.016	ng	95
58) Fluorene	15.528	166	188963	7.596	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.028	232	52694	6.767	ng	99
60) Diethylphthalate	15.304	149	191443	7.264	ng	99
61) 4-Chlorophenyl-phenyle...	15.528	204	103697	7.708	ng	99
62) 4-Nitroaniline	15.551	138	40479	6.801	ng	95
63) Azobenzene	15.822	77	166439	7.501	ng	97
65) 4,6-Dinitro-2-methylph...	15.616	198	27339	5.373	ng	87
66) n-Nitrosodiphenylamine	15.739	169	167625	7.543	ng	99
67) 4-Bromophenyl-phenylether	16.428	248	66815	7.358	ng	95
68) Hexachlorobenzene	16.545	284	77796	7.607	ng	# 92
69) Atrazine	16.698	200	63612	10.979	ng	99
70) Pentachlorophenol	16.892	266	41994	6.734	ng	97
71) Phenanthrene	17.281	178	315795	7.635	ng	99
72) Anthracene	17.369	178	313324	7.727	ng	99
73) Carbazole	17.645	167	281295	7.045	ng	100
74) Di-n-butylphthalate	18.204	149	313183	6.930	ng	99
75) Fluoranthene	19.251	202	398746	7.614	ng	96
77) Benzidine	19.433	184	203107	13.696	ng	98
78) Pyrene	19.604	202	424205	7.339	ng	100
80) Butylbenzylphthalate	20.480	149	150870	6.322	ng	97
81) Benzo(a)anthracene	21.316	228	466928	7.338	ng	99
82) 3,3'-Dichlorobenzidine	21.251	252	172431	5.871	ng	99
83) Chrysene	21.369	228	463620	7.602	ng	99
84) Bis(2-ethylhexyl)phtha...	21.245	149	238619	7.003	ng	98
85) Di-n-octyl phthalate	22.174	149	416437	6.632	ng	98
87) Indeno(1,2,3-cd)pyrene	26.239	276	604499	7.477	ng	# 94
88) Benzo(b)fluoranthene	23.004	252	526722	7.903	ng	# 98
89) Benzo(k)fluoranthene	23.051	252	497205	7.467	ng	# 97
90) Benzo(a)pyrene	23.627	252	494541	8.675	ng	# 97
91) Dibenzo(a,h)anthracene	26.257	278	515768	7.691	ng	97
92) Benzo(g,h,i)perylene	27.009	276	511362	7.735	ng	# 94

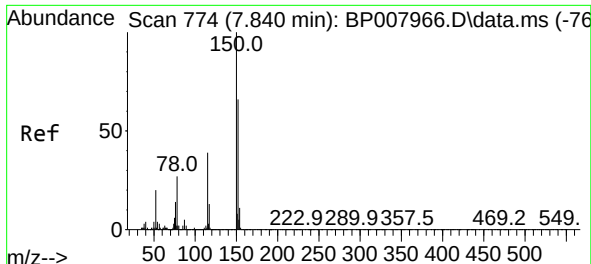
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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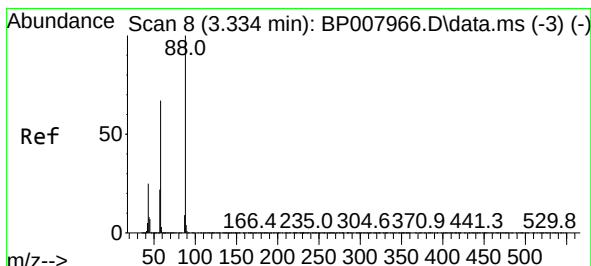
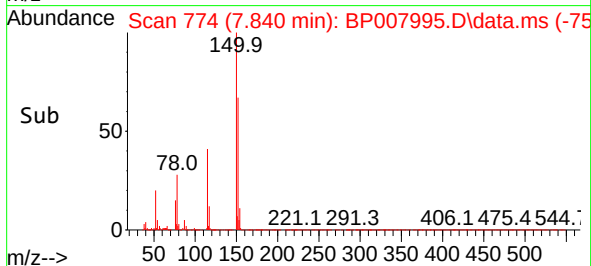
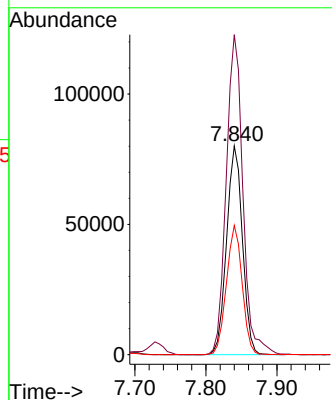
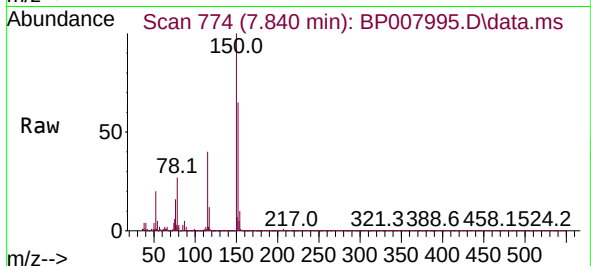




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.840 min Scan# 7
 Delta R.T. -0.000 min
 Lab File: BP007995.D
 Acq: 16 Nov 2021 12:11

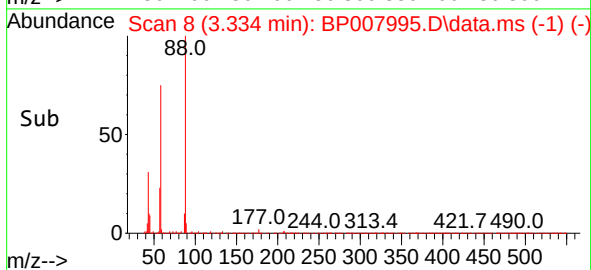
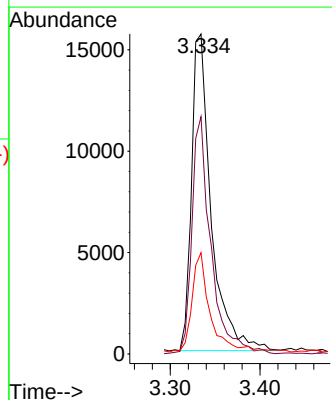
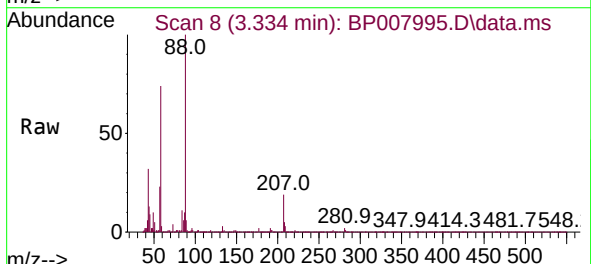
Instrument :
 BNA_P
 ClientSampleId :
 MDL-SOIL-03-QT4-2021

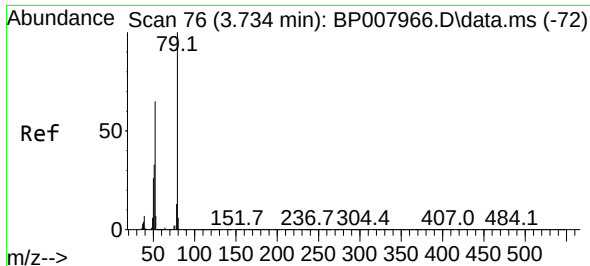
Tgt Ion:152 Resp: 123989
 Ion Ratio Lower Upper
 152 100
 150 153.3 124.1 186.1
 115 61.9 48.1 72.1



#2
 1,4-Dioxane
 Concen: 7.392 ng
 RT: 3.334 min Scan# 8
 Delta R.T. 0.000 min
 Lab File: BP007995.D
 Acq: 16 Nov 2021 12:11

Tgt Ion: 88 Resp: 23776
 Ion Ratio Lower Upper
 88 100
 58 71.8 58.1 87.1
 43 27.0 22.2 33.4

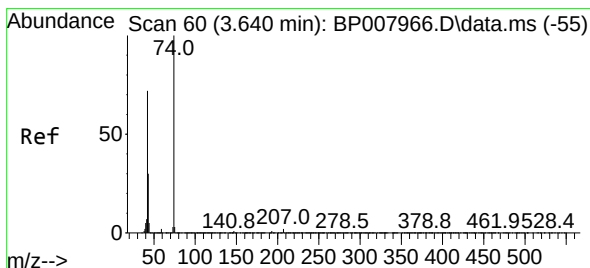
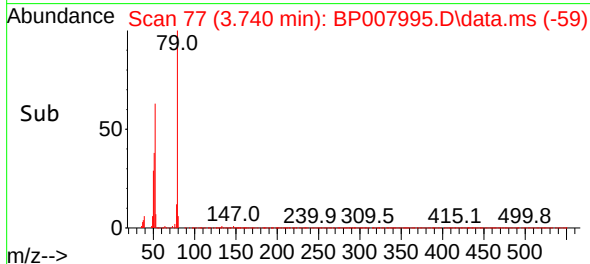
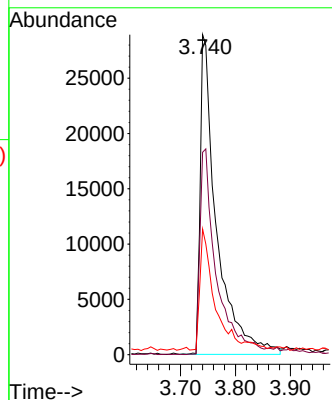
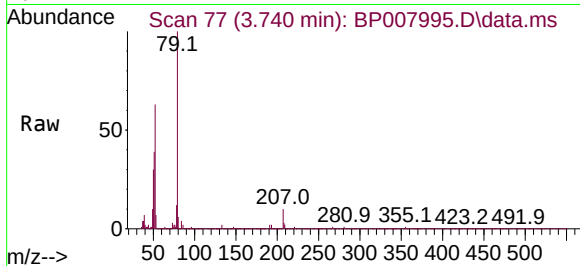




#3
 Pyridine
 Concen: 6.480 ng
 RT: 3.740 min Scan# 71
 Delta R.T. 0.006 min
 Lab File: BP007995.D
 Acq: 16 Nov 2021 12:11

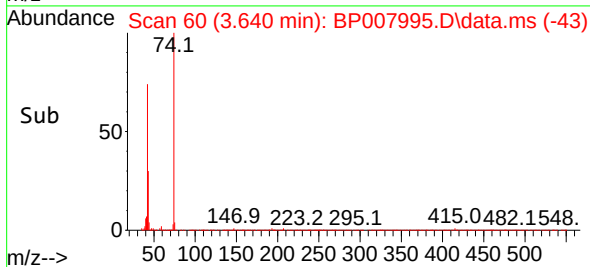
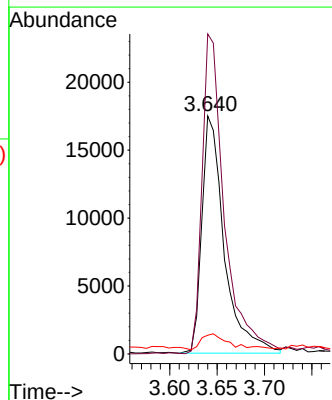
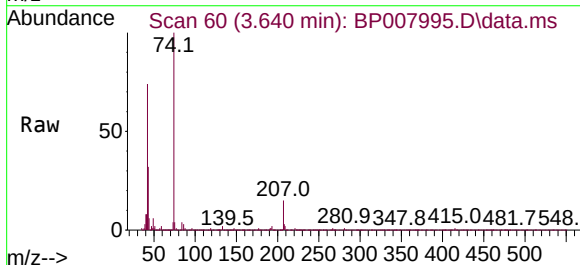
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 BNA_P
 ClientSampleId :
 MDL-SOIL-03-QT4-2021

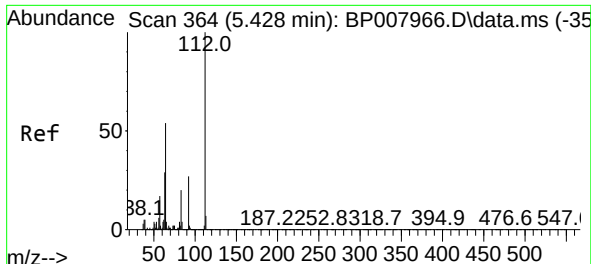
Tgt Ion:	79	Resp:	59791
Ion	Ratio	Lower	Upper
79	100		
52	63.2	55.7	83.5
51	39.2	28.5	42.7



#4
 n-Nitrosodimethylamine
 Concen: 8.424 ng
 RT: 3.640 min Scan# 60
 Delta R.T. 0.000 min
 Lab File: BP007995.D
 Acq: 16 Nov 2021 12:11

Tgt Ion:	42	Resp:	28709
Ion	Ratio	Lower	Upper
42	100		
74	134.4	107.0	160.4
44	7.9	7.4	11.2

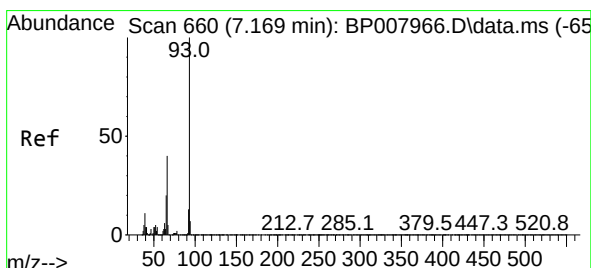
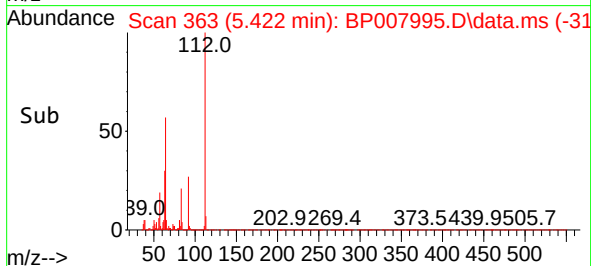
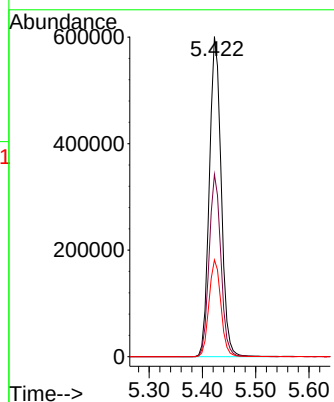
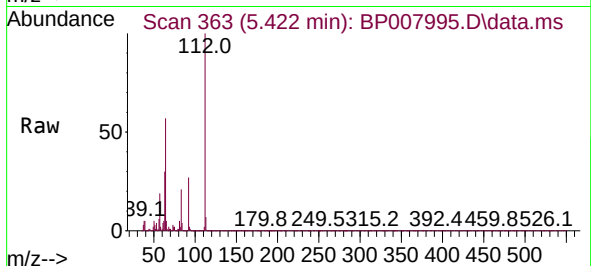




#5
2-Fluorophenol
Concen: 120.952 ng
RT: 5.422 min Scan# 30
Delta R.T. -0.006 min
Lab File: BP007995.D
Acq: 16 Nov 2021 12:11

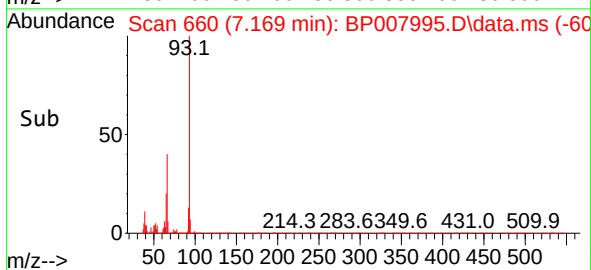
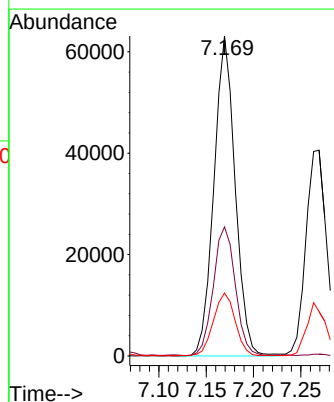
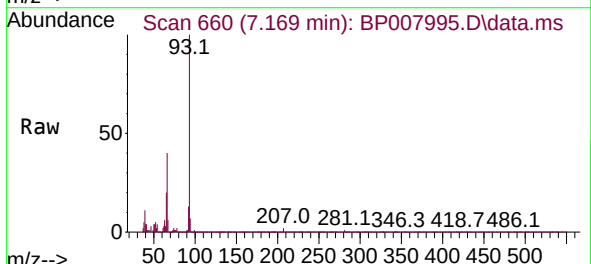
Instrument :
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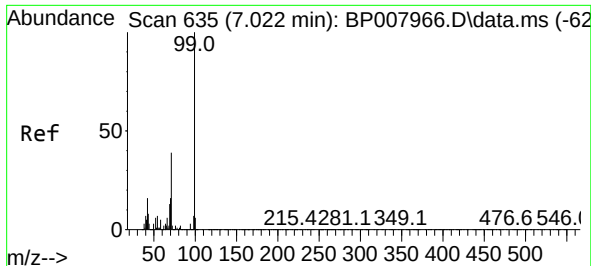
Tgt Ion:112 Resp: 924450
Ion Ratio Lower Upper
112 100
64 56.9 46.6 70.0
63 30.3 25.0 37.6



#6
Aniline
Concen: 8.562 ng
RT: 7.169 min Scan# 660
Delta R.T. 0.000 min
Lab File: BP007995.D
Acq: 16 Nov 2021 12:11

Tgt Ion: 93 Resp: 98312
Ion Ratio Lower Upper
93 100
66 40.4 30.5 45.7
65 19.6 15.8 23.8



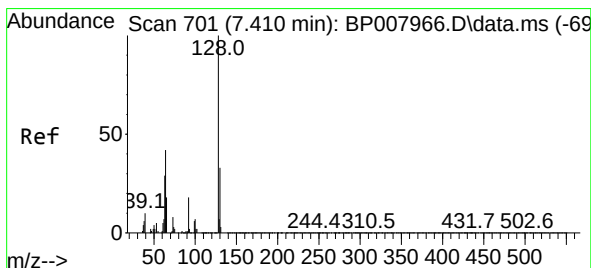
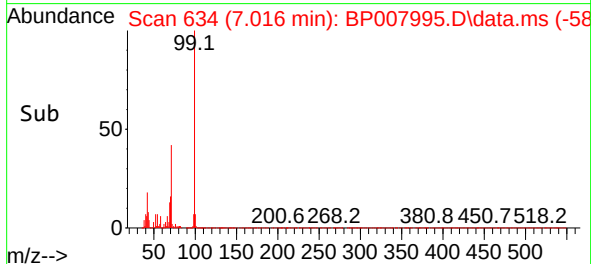
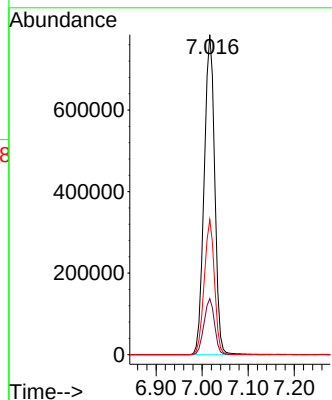
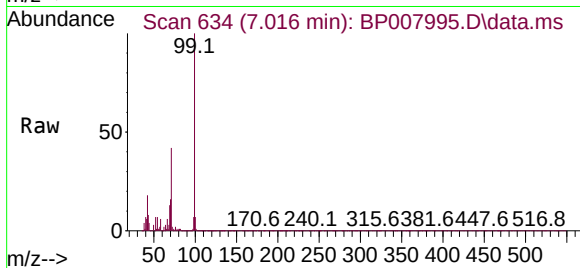


#7
Phenol-d6
Concen: 124.171 ng
RT: 7.016 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP007995.D
Acq: 16 Nov 2021 12:11

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Tgt Ion: 99 Resp: 1262570

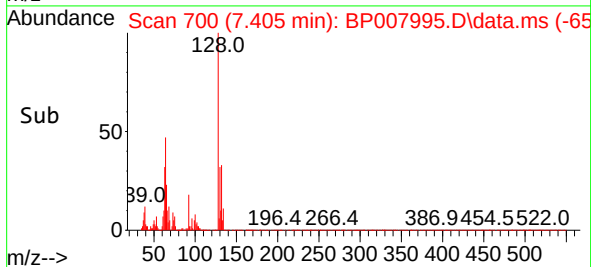
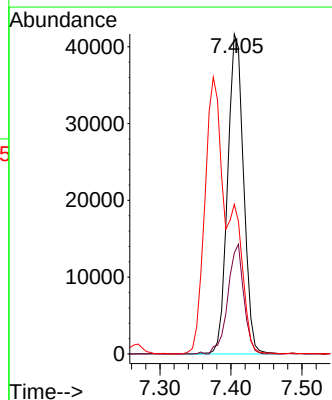
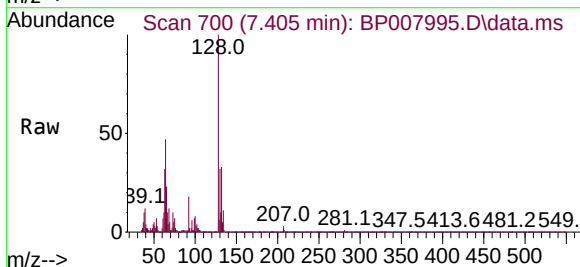
Ion	Ratio	Lower	Upper
99	100		
42	17.5	14.9	22.3
71	42.2	29.2	43.8

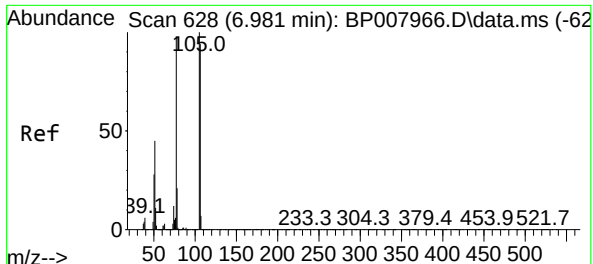


#8
2-Chlorophenol
Concen: 8.032 ng
RT: 7.405 min Scan# 700
Delta R.T. -0.006 min
Lab File: BP007995.D
Acq: 16 Nov 2021 12:11

Tgt Ion: 128 Resp: 64904

Ion	Ratio	Lower	Upper
128	100		
130	31.6	12.0	52.0
64	46.8	27.0	67.0

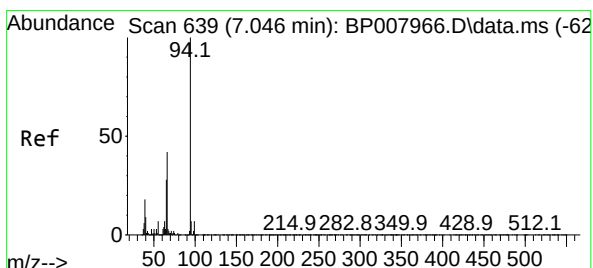
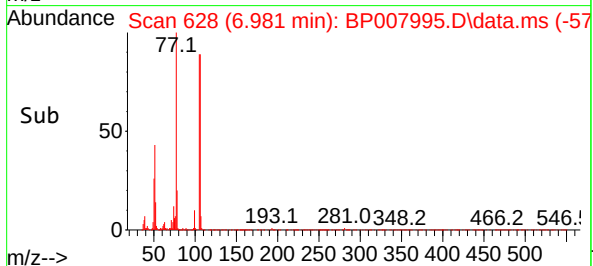
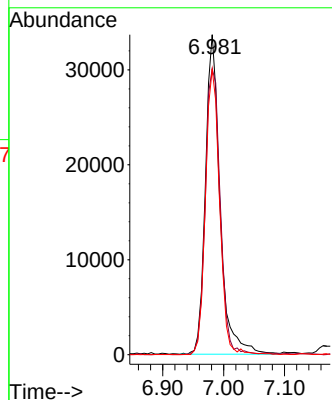
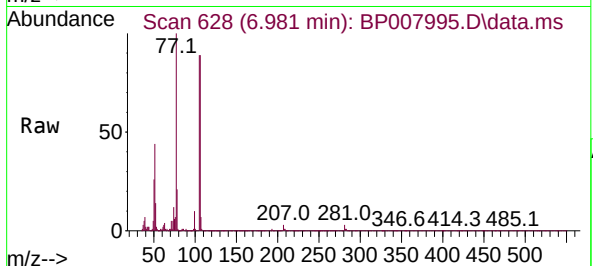




#9
Benzaldehyde
Concen: 8.546 ng
RT: 6.981 min Scan# 61
Delta R.T. 0.000 min
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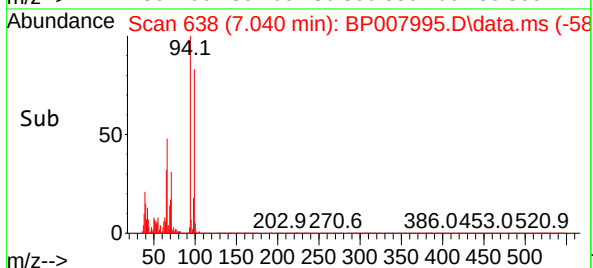
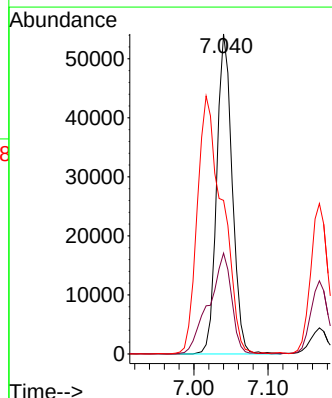
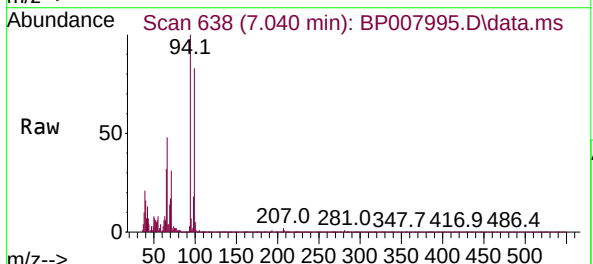
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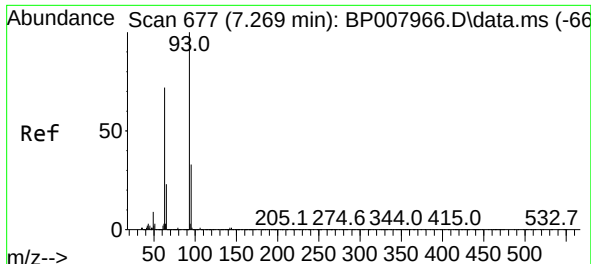
Tgt Ion: 77 Resp: 56045
Ion Ratio Lower Upper
77 100
105 89.3 77.5 117.5
106 89.1 72.1 112.1



#10
Phenol
Concen: 7.985 ng
RT: 7.040 min Scan# 638
Delta R.T. -0.006 min
Lab File: BP007995.D
Acq: 16 Nov 2021 12:11

Tgt Ion: 94 Resp: 78776
Ion Ratio Lower Upper
94 100
65 31.5 8.2 48.2
66 48.0 18.8 58.8

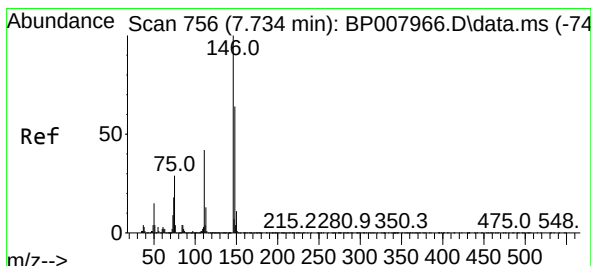
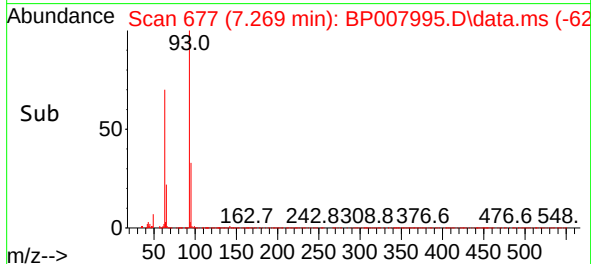
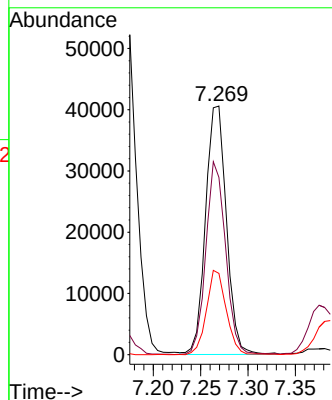
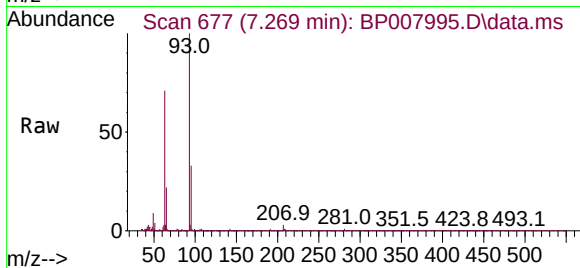




#11
bis(2-Chloroethyl)ether
Concen: 7.691 ng
RT: 7.269 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP007995.D
Acq: 16 Nov 2021 12:11

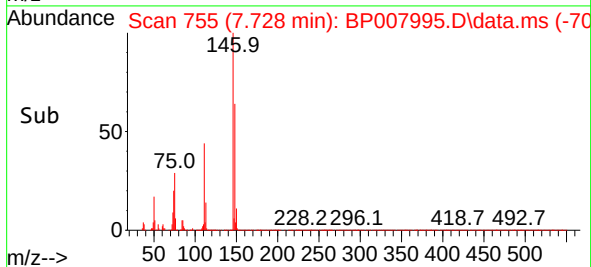
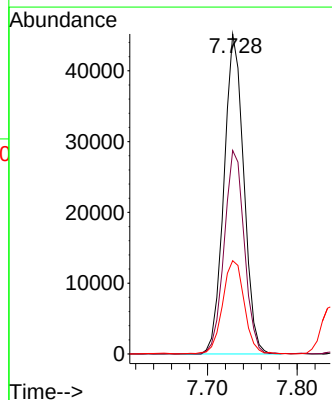
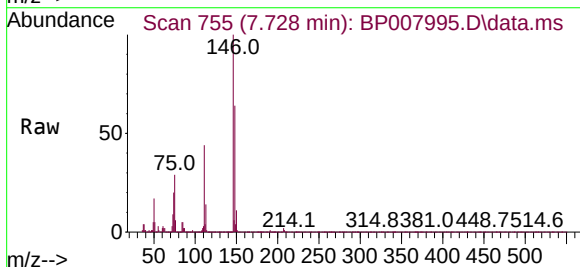
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT4-2021

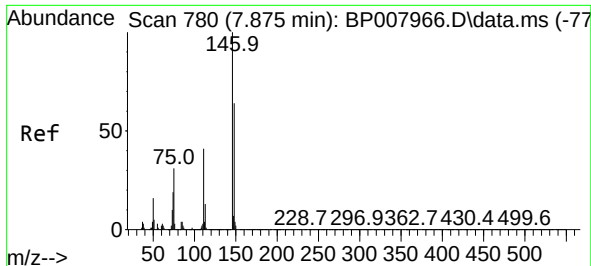
Tgt Ion: 93	Resp: 62348
Ion Ratio	Lower Upper
93 100	
63 71.3	55.7 95.7
95 32.7	12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 7.610 ng
RT: 7.728 min Scan# 755
Delta R.T. -0.006 min
Lab File: BP007995.D
Acq: 16 Nov 2021 12:11

Tgt Ion:146	Resp: 69152
Ion Ratio	Lower Upper
146 100	
148 63.6	51.4 77.0
75 29.1	26.1 39.1

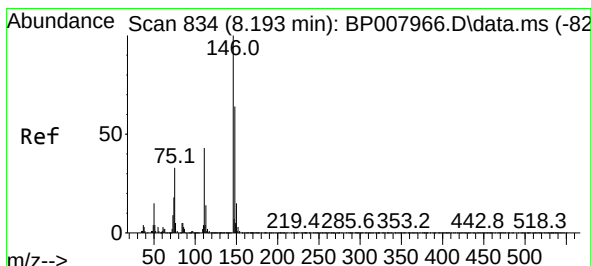
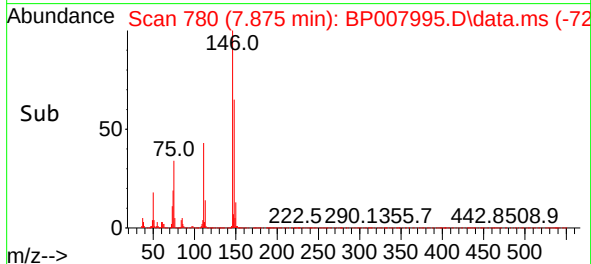
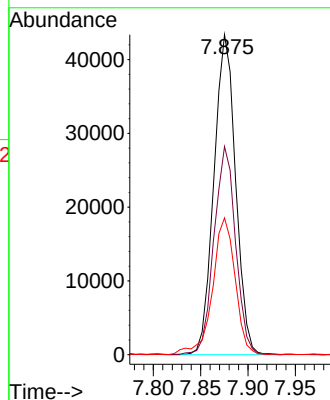
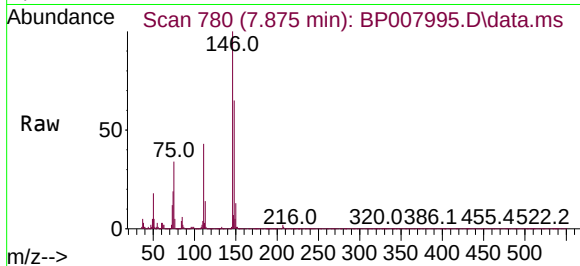




#13
1,4-Dichlorobenzene
Concen: 7.473 ng
RT: 7.875 min Scan# 780
Delta R.T. 0.000 min
Lab File: BP007995.D
Acq: 16 Nov 2021 12:11

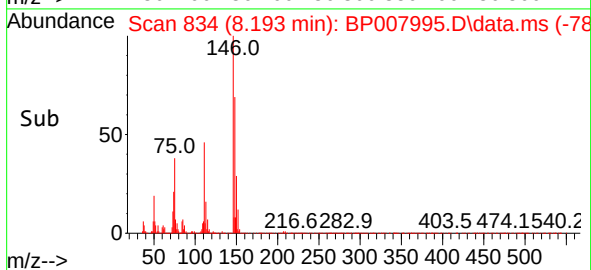
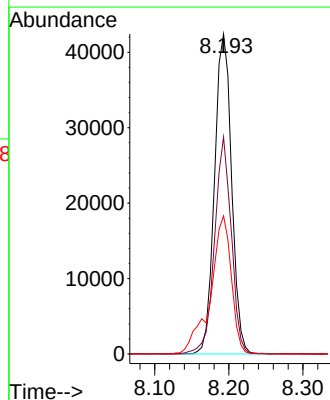
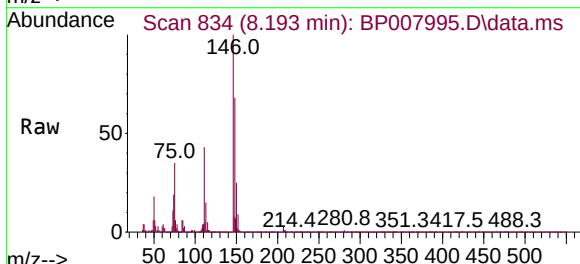
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT4-2021

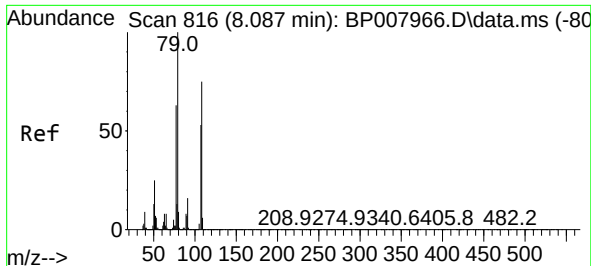
Tgt Ion:146 Resp: 69034
Ion Ratio Lower Upper
146 100
148 65.0 51.0 76.6
111 42.8 32.8 49.2



#14
1,2-Dichlorobenzene
Concen: 7.253 ng
RT: 8.193 min Scan# 834
Delta R.T. -0.000 min
Lab File: BP007995.D
Acq: 16 Nov 2021 12:11

Tgt Ion:146 Resp: 67655
Ion Ratio Lower Upper
146 100
148 67.8 51.5 77.3
111 43.1 35.1 52.7

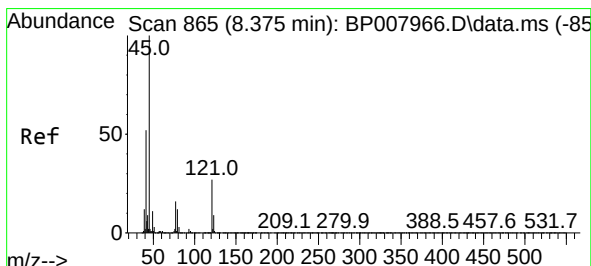
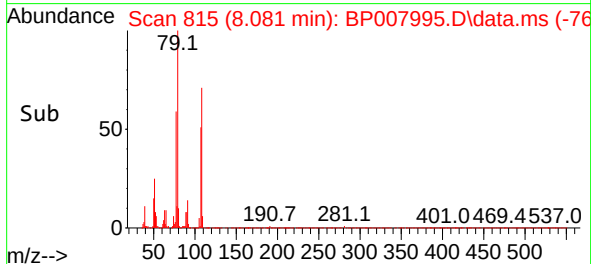
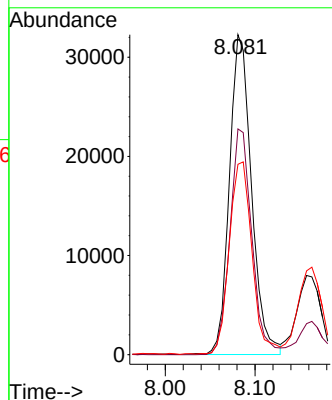
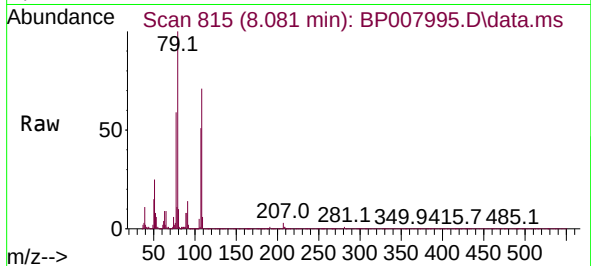




#15
Benzyl Alcohol
Concen: 7.160 ng
RT: 8.081 min Scan# 815
Delta R.T. -0.006 min
Lab File: BP007995.D
Acq: 16 Nov 2021 12:11

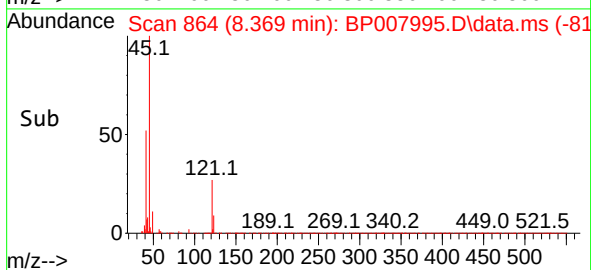
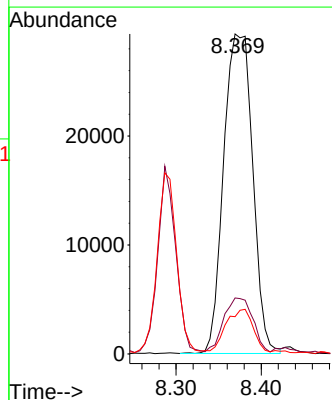
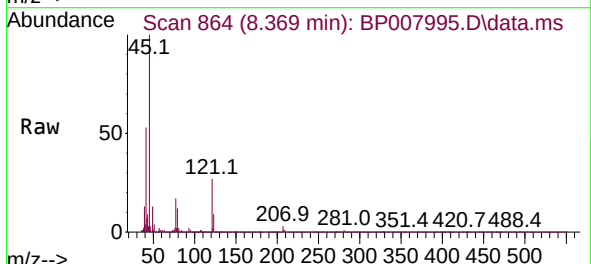
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT4-2021

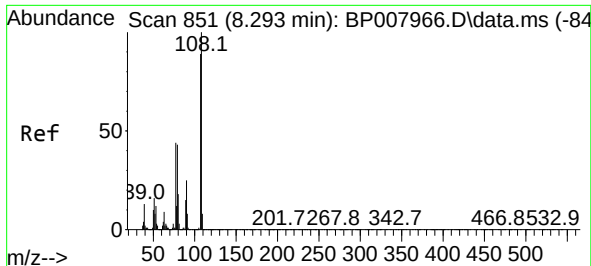
Tgt Ion: 79 Resp: 55066
Ion Ratio Lower Upper
79 100
108 70.6 59.9 89.9
77 59.5 51.1 76.7



#16
2,2'-oxybis(1-Chloropropane)
Concen: 7.082 ng
RT: 8.369 min Scan# 864
Delta R.T. -0.006 min
Lab File: BP007995.D
Acq: 16 Nov 2021 12:11

Tgt Ion: 45 Resp: 69383
Ion Ratio Lower Upper
45 100
77 17.5 0.0 34.9
79 11.7 0.0 31.7

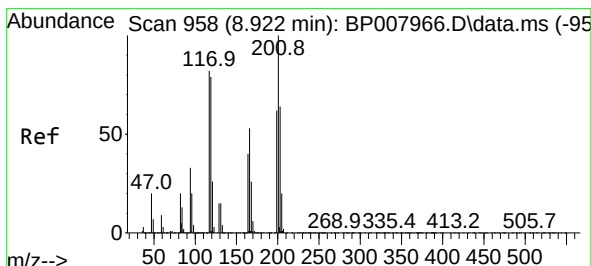
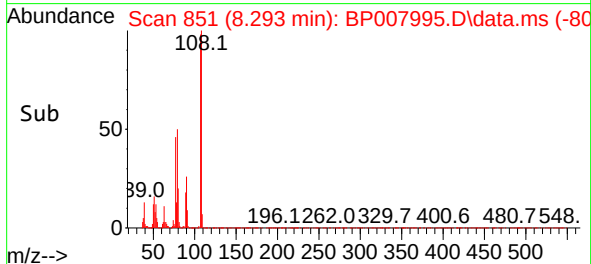
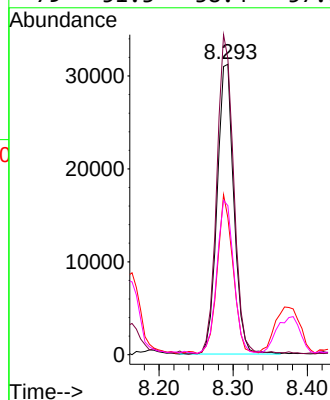
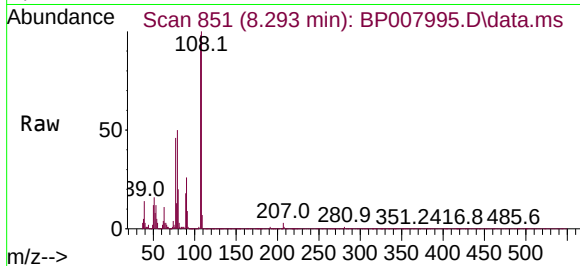




#17
2-Methylphenol
Concen: 7.205 ng
RT: 8.293 min Scan# 851
Delta R.T. -0.000 min
Lab File: BP007995.D
Acq: 16 Nov 2021 12:11

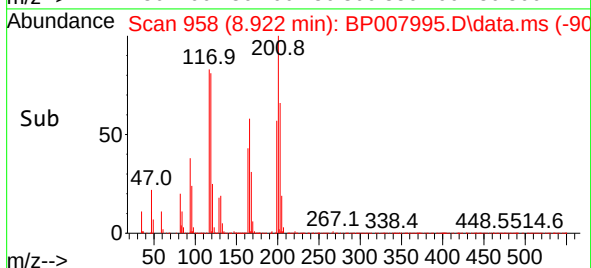
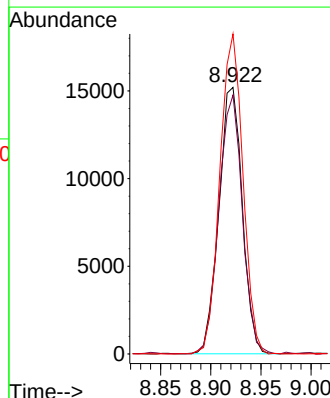
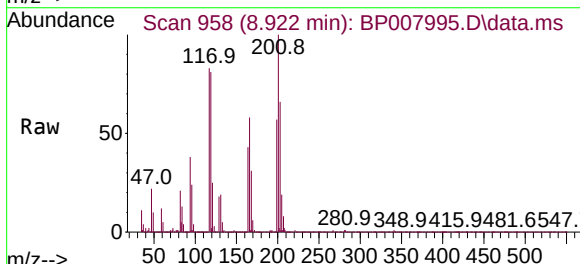
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT4-2021

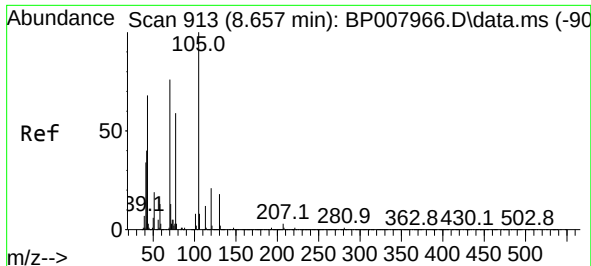
Tgt Ion:	107	Resp:	48950
Ion	Ratio	Lower	Upper
107	100		
108	101.9	89.2	133.8
77	47.1	38.5	57.7
79	51.3	38.4	57.6



#18
Hexachloroethane
Concen: 7.872 ng
RT: 8.922 min Scan# 958
Delta R.T. 0.000 min
Lab File: BP007995.D
Acq: 16 Nov 2021 12:11

Tgt Ion:	117	Resp:	24661
Ion	Ratio	Lower	Upper
117	100		
119	97.1	77.6	116.4
201	120.0	82.9	124.3

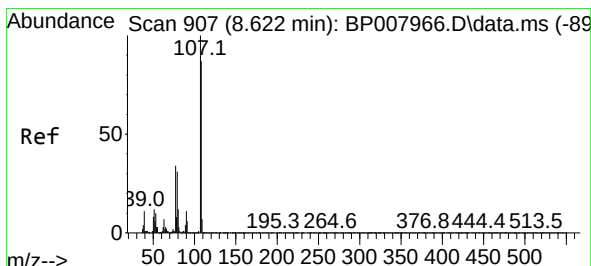
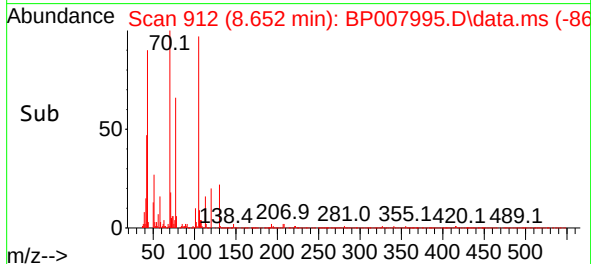
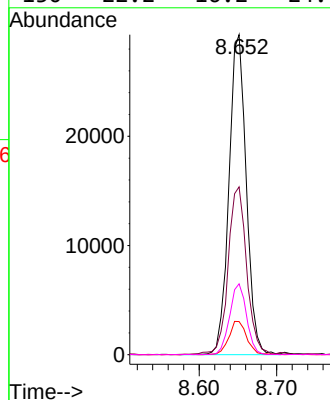
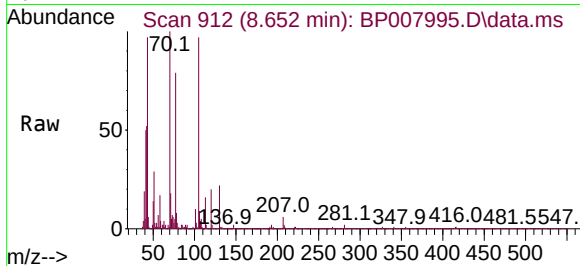




#19
n-Nitroso-di-n-propylamine
Concen: 7.201 ng
RT: 8.652 min Scan# 913
Delta R.T. -0.005 min
Lab File: BP007995.D
Acq: 16 Nov 2021 12:11

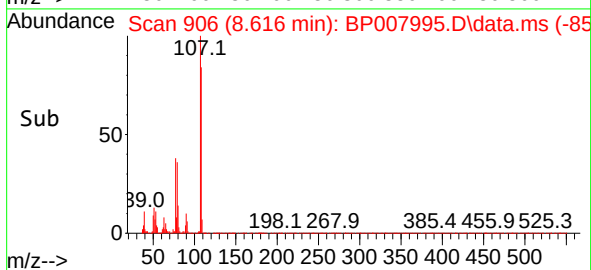
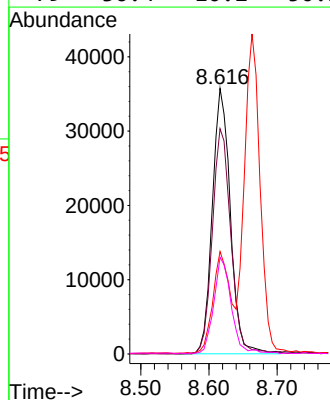
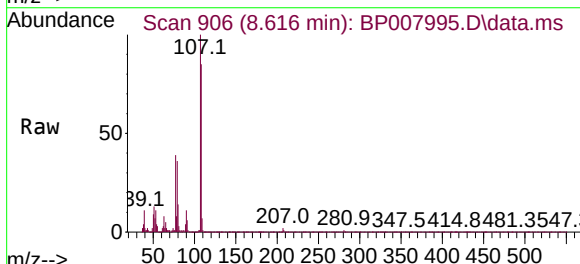
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT4-2021

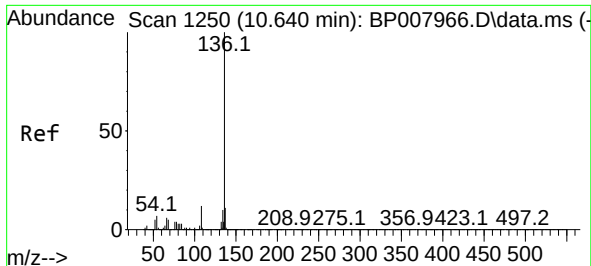
Tgt Ion:	70	Resp:	45579
Ion	Ratio	Lower	Upper
70	100		
42	52.4	46.2	69.2
101	10.4	7.7	11.5
130	22.2	16.2	24.4



#20
3+4-Methylphenols
Concen: 6.990 ng
RT: 8.616 min Scan# 906
Delta R.T. -0.006 min
Lab File: BP007995.D
Acq: 16 Nov 2021 12:11

Tgt Ion:	107	Resp:	65811
Ion	Ratio	Lower	Upper
107	100		
108	84.9	69.2	109.2
77	38.6	13.8	53.8
79	36.4	10.2	50.2

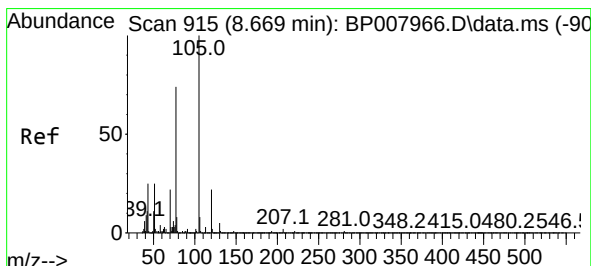
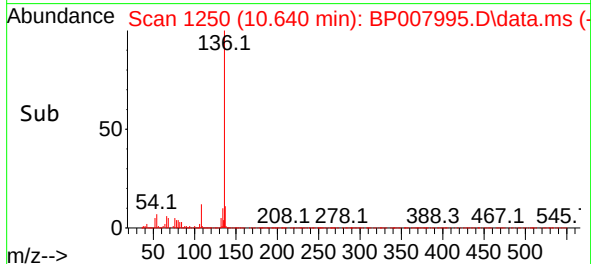
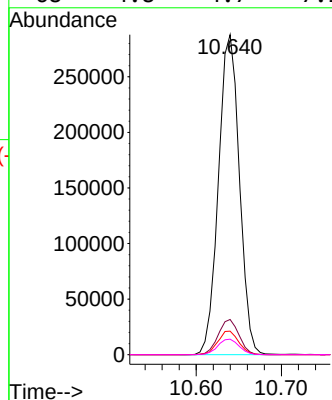
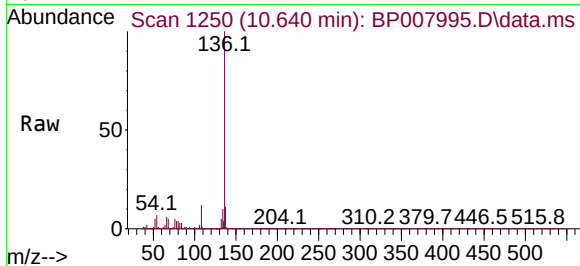




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.640 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP007995.D
Acq: 16 Nov 2021 12:11

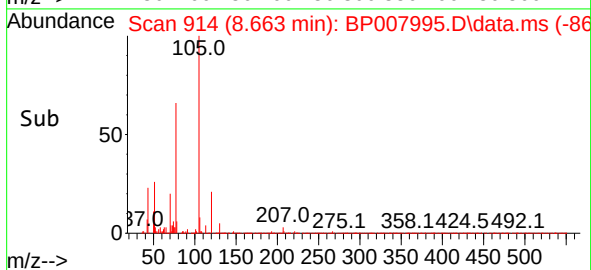
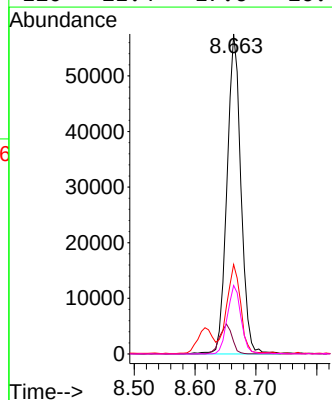
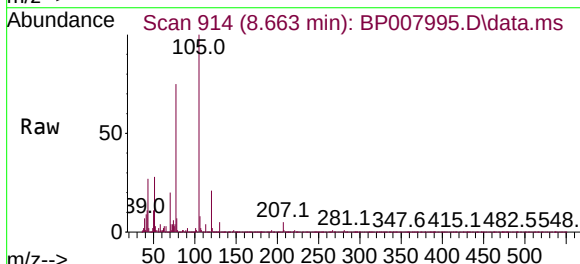
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT4-2021

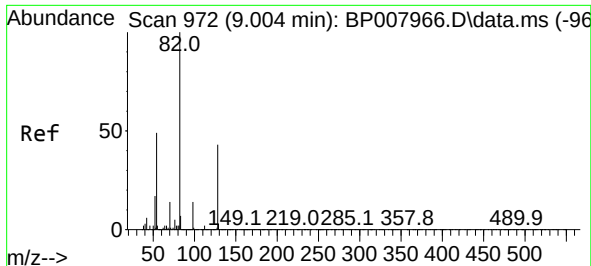
Tgt Ion:	136	Resp:	491624
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.6	13.0
54	7.3	6.2	9.4
68	4.8	4.7	7.1



#22
Acetophenone
Concen: 7.328 ng
RT: 8.663 min Scan# 914
Delta R.T. -0.006 min
Lab File: BP007995.D
Acq: 16 Nov 2021 12:11

Tgt Ion:	105	Resp:	91642
Ion Ratio	Lower	Upper	
105	100		
71	3.8	4.5	6.7#
51	28.0	21.8	32.8
120	21.4	17.6	26.4

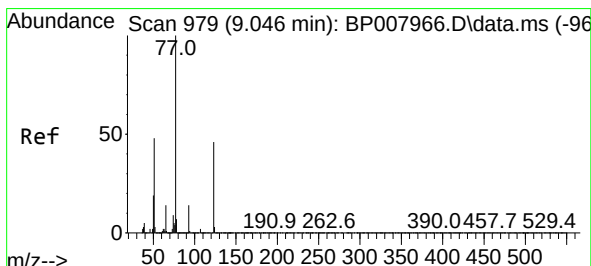
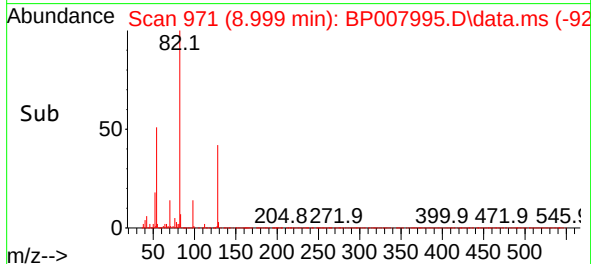
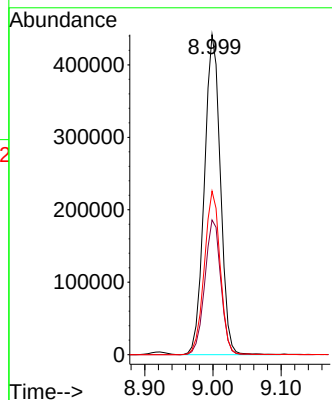
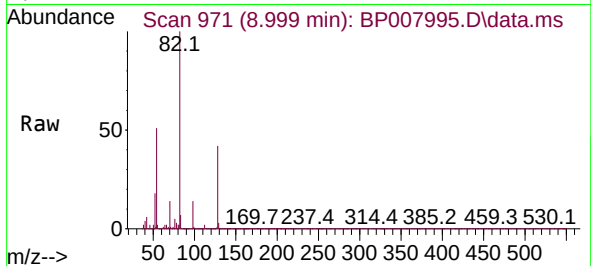




#23
Nitrobenzene-d5
Concen: 78.455 ng
RT: 8.999 min Scan# 91
Delta R.T. -0.005 min
Lab File: BP007995.D
Acq: 16 Nov 2021 12:11

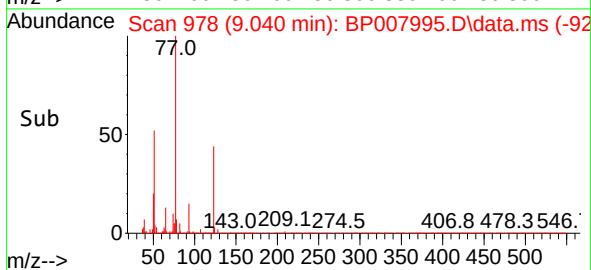
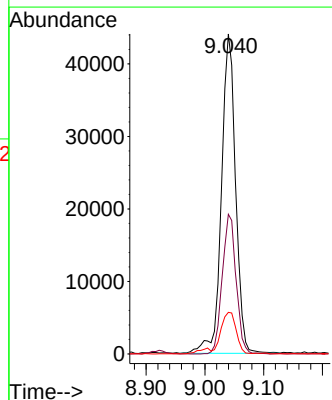
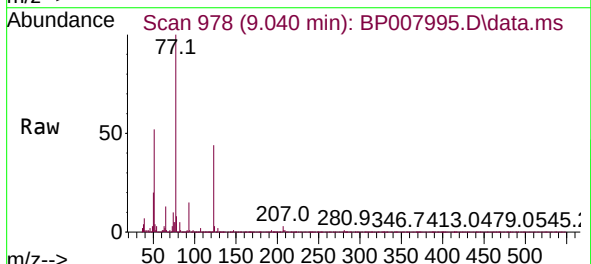
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT4-2021

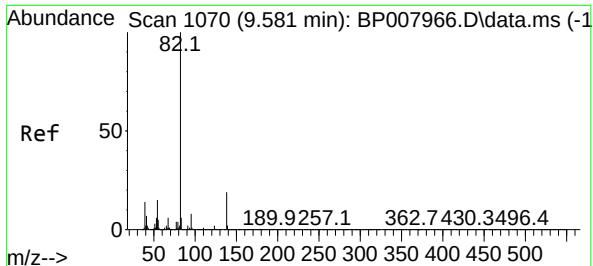
Tgt Ion: 82 Resp: 720757
Ion Ratio Lower Upper
82 100
128 42.1 32.6 48.8
54 51.1 40.4 60.6



#24
Nitrobenzene
Concen: 8.390 ng
RT: 9.040 min Scan# 978
Delta R.T. -0.006 min
Lab File: BP007995.D
Acq: 16 Nov 2021 12:11

Tgt Ion: 77 Resp: 73663
Ion Ratio Lower Upper
77 100
123 43.6 35.3 52.9
65 13.0 10.9 16.3

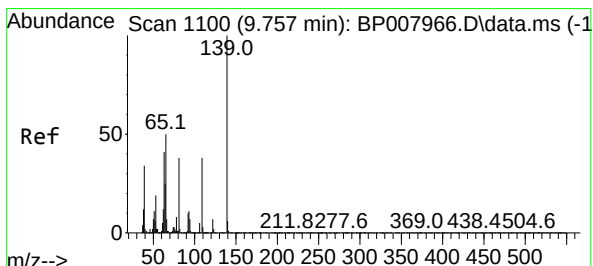
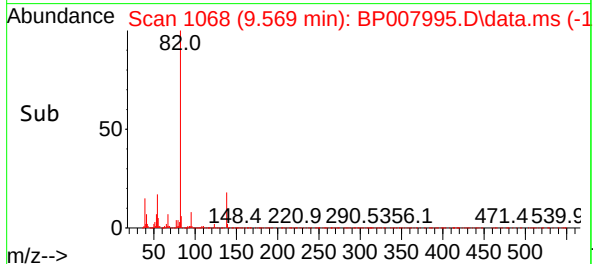
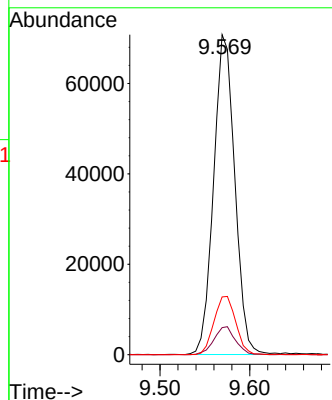
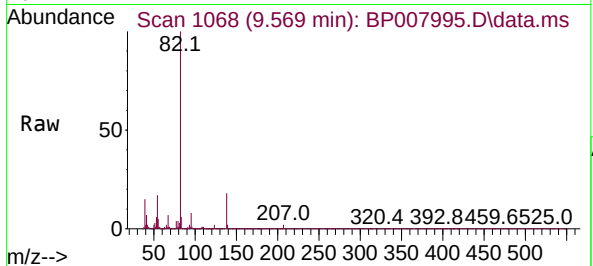




#25
Isophorone
Concen: 7.274 ng
RT: 9.569 min Scan# 1068
Delta R.T. -0.012 min
Lab File: BP007995.D
Acq: 16 Nov 2021 12:11

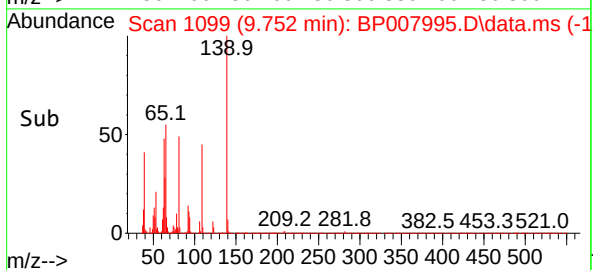
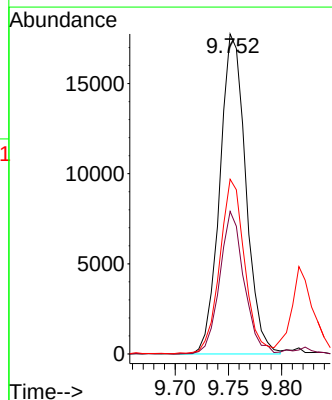
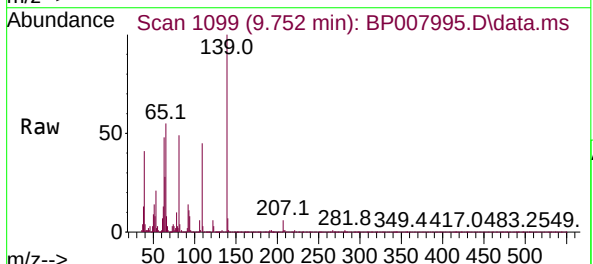
Instrument : BNA_P
ClientSampleId : MDL-SOIL-03-QT4-2021

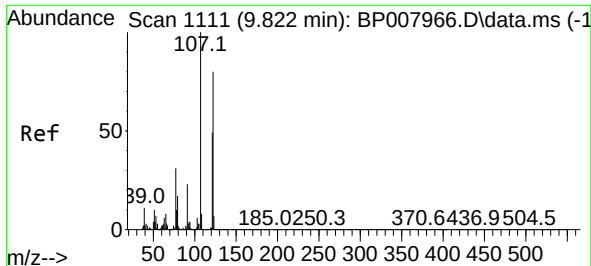
Tgt Ion: 82 Resp: 116235
Ion Ratio Lower Upper
82 100
95 8.5 6.2 9.2
138 18.1 14.0 21.0



#26
2-Nitrophenol
Concen: 6.710 ng
RT: 9.752 min Scan# 1099
Delta R.T. -0.006 min
Lab File: BP007995.D
Acq: 16 Nov 2021 12:11

Tgt Ion: 139 Resp: 30076
Ion Ratio Lower Upper
139 100
109 44.5 26.2 39.2#
65 54.6 40.3 60.5





#27

2,4-Dimethylphenol

Concen: 8.509 ng

RT: 9.822 min Scan# 1111

Delta R.T. 0.000 min

Lab File: BP007995.D

Acq: 16 Nov 2021 12:11

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-03-QT4-2021

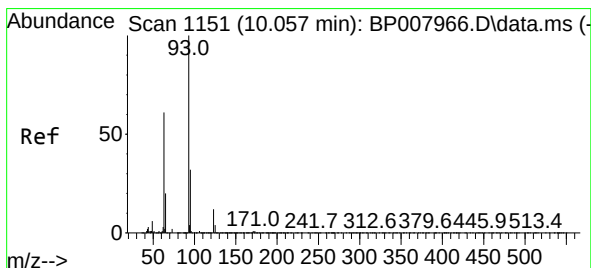
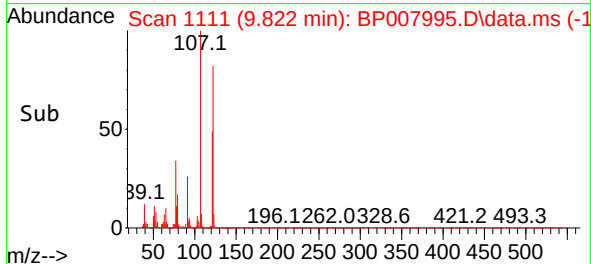
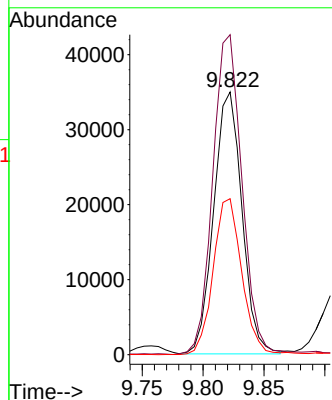
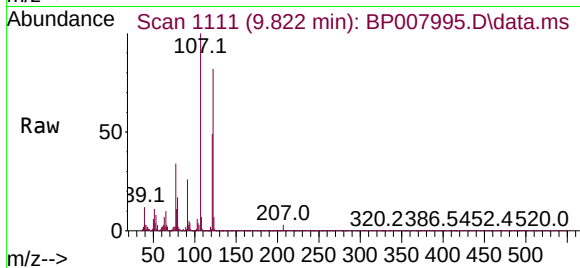
Tgt Ion:122 Resp: 56339

Ion Ratio Lower Upper

122 100

107 121.8 93.8 140.6

121 59.4 47.0 70.4



#28

bis(2-Chloroethoxy)methane

Concen: 7.175 ng

RT: 10.051 min Scan# 1150

Delta R.T. -0.006 min

Lab File: BP007995.D

Acq: 16 Nov 2021 12:11

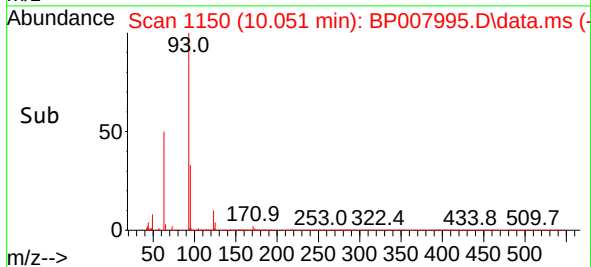
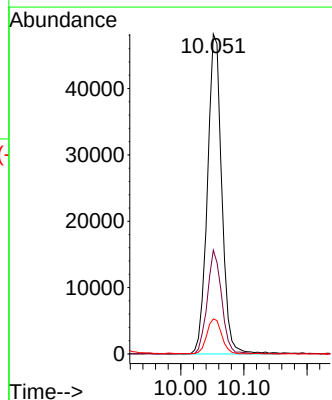
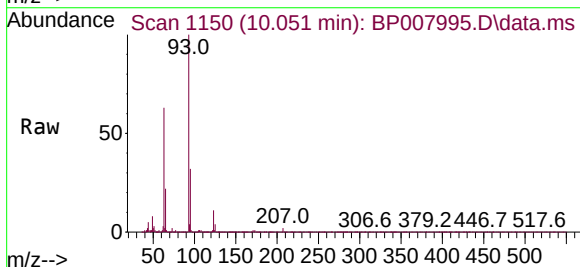
Tgt Ion: 93 Resp: 76076

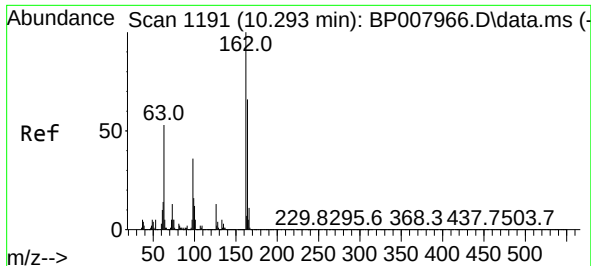
Ion Ratio Lower Upper

93 100

95 32.5 26.1 39.1

123 11.0 8.5 12.7

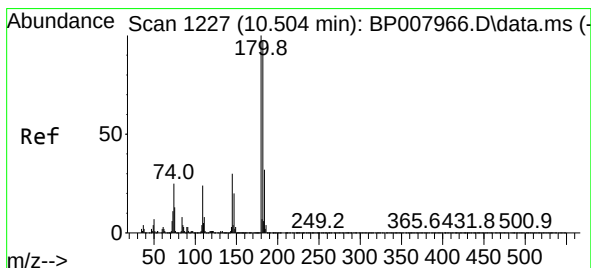
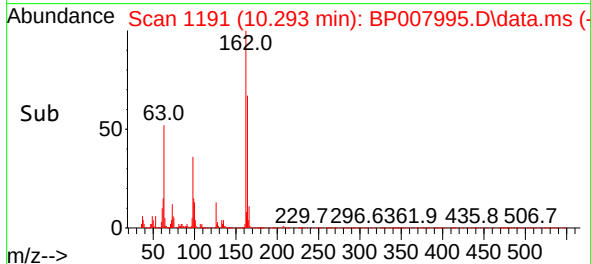
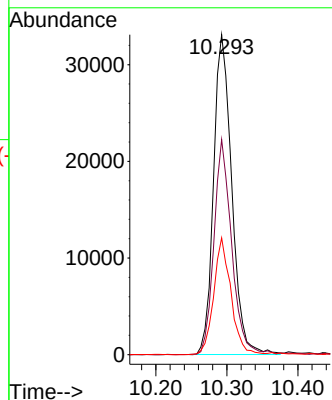
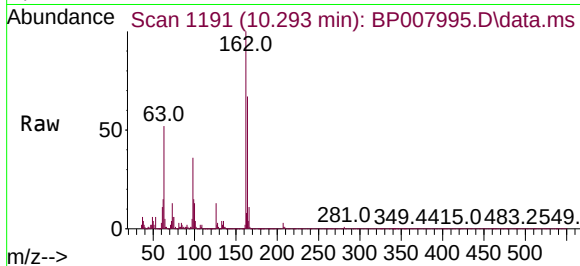




#29
2,4-Dichlorophenol
Concen: 7.231 ng
RT: 10.293 min Scan# 1191
Delta R.T. 0.000 min
Lab File: BP007995.D
Acq: 16 Nov 2021 12:11

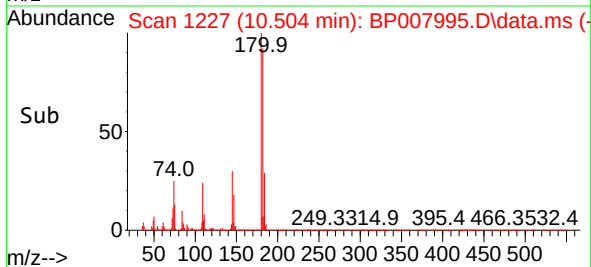
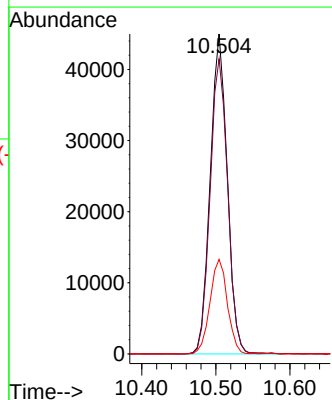
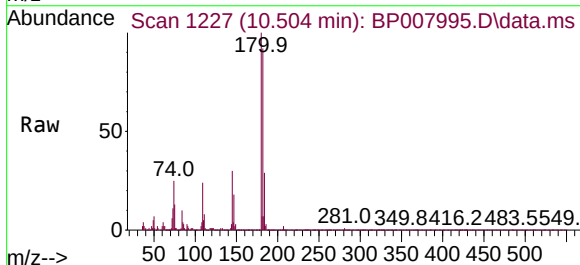
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT4-2021

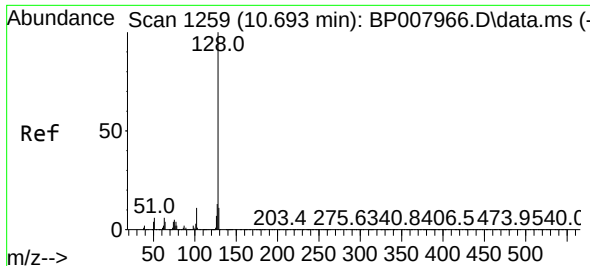
Tgt Ion	Ratio	Lower	Upper
162	100		
164	67.3	44.0	84.0
98	36.5	16.3	56.3



#30
1,2,4-Trichlorobenzene
Concen: 7.704 ng
RT: 10.504 min Scan# 1227
Delta R.T. 0.000 min
Lab File: BP007995.D
Acq: 16 Nov 2021 12:11

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.3	78.4	117.6
145	29.5	23.8	35.8

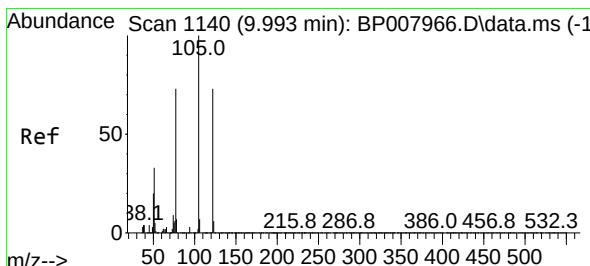
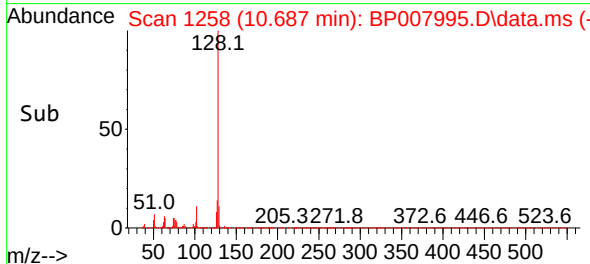
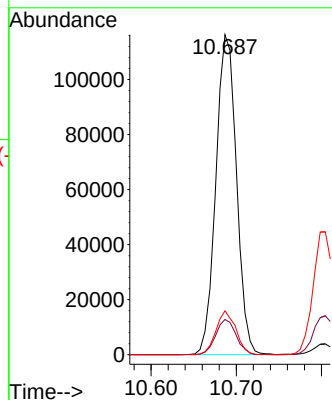
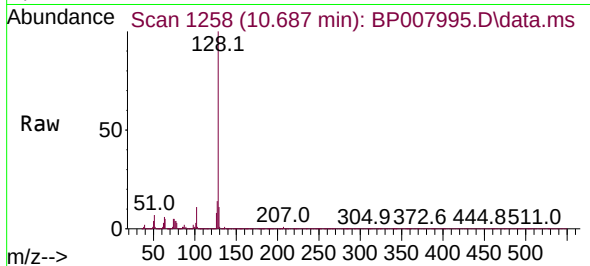




#31
Naphthalene
Concen: 7.795 ng
RT: 10.687 min Scan# 1126
Delta R.T. -0.006 min
Lab File: BP007995.D
Acq: 16 Nov 2021 12:11

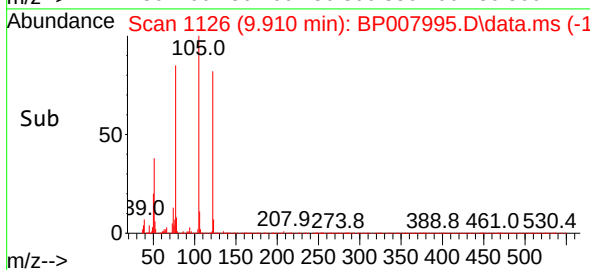
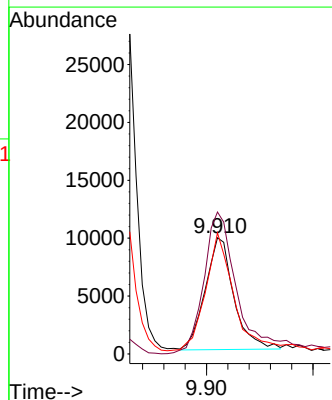
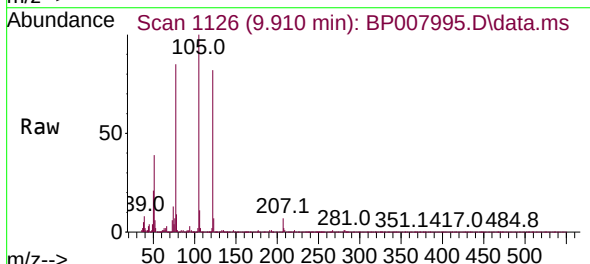
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT4-2021

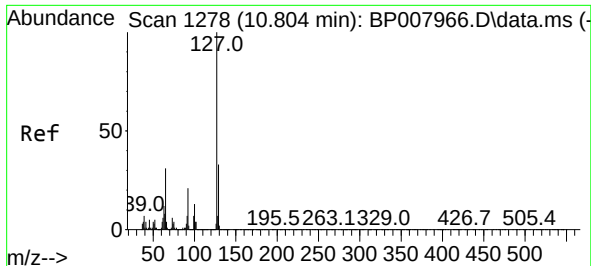
Tgt Ion:128 Resp: 195694
Ion Ratio Lower Upper
128 100
129 11.0 8.9 13.3
127 13.7 10.2 15.4



#32
Benzoic acid
Concen: 3.169 ng
RT: 9.910 min Scan# 1126
Delta R.T. -0.082 min
Lab File: BP007995.D
Acq: 16 Nov 2021 12:11

Tgt Ion:122 Resp: 18130
Ion Ratio Lower Upper
122 100
105 122.2 105.9 145.9
77 104.3 74.6 114.6

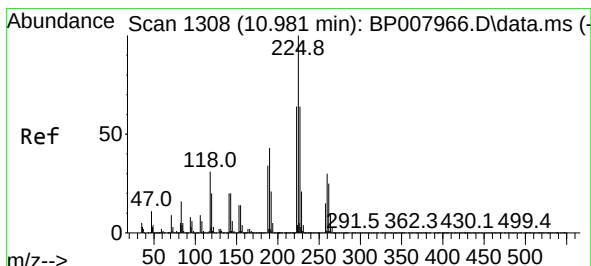
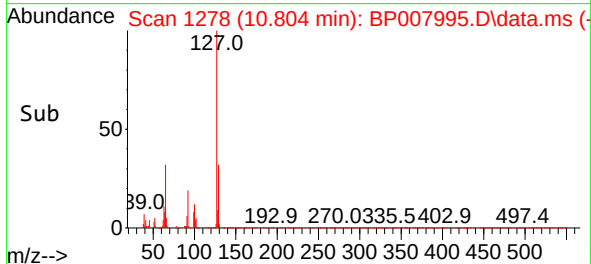
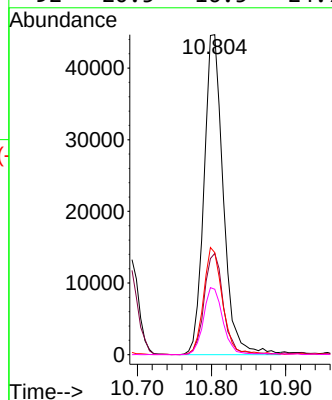
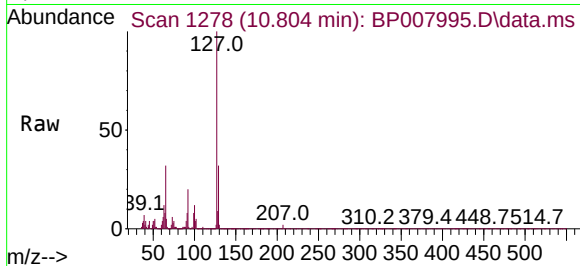




#33
4-Chloroaniline
Concen: 7.495 ng
RT: 10.804 min Scan# 1278
Delta R.T. 0.000 min
Lab File: BP007995.D
Acq: 16 Nov 2021 12:11

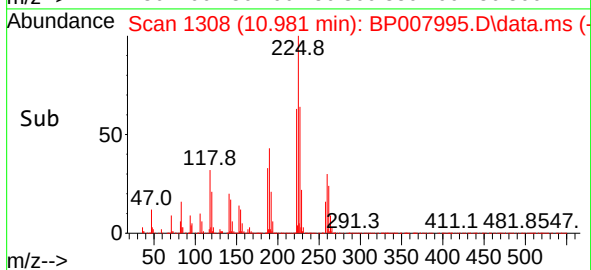
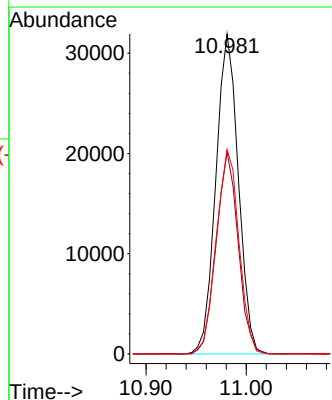
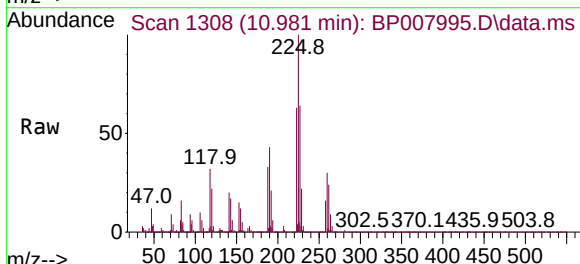
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT4-2021

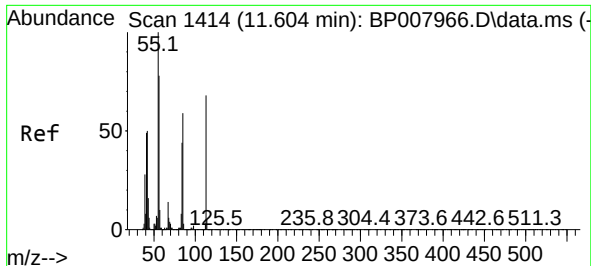
Tgt Ion:	127	Resp:	80813
Ion	Ratio	Lower	Upper
127	100		
129	31.6	25.1	37.7
65	31.9	25.5	38.3
92	20.5	16.5	24.7



#34
Hexachlorobutadiene
Concen: 7.788 ng
RT: 10.981 min Scan# 1308
Delta R.T. 0.000 min
Lab File: BP007995.D
Acq: 16 Nov 2021 12:11

Tgt Ion:	225	Resp:	49631
Ion	Ratio	Lower	Upper
225	100		
223	63.1	49.4	74.0
227	63.9	51.0	76.6

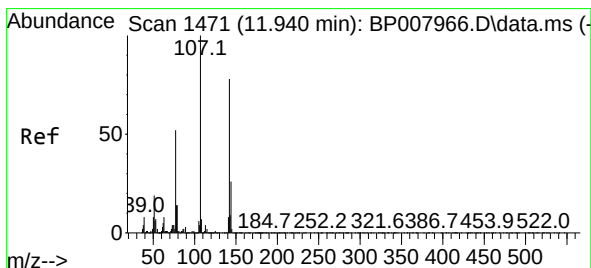
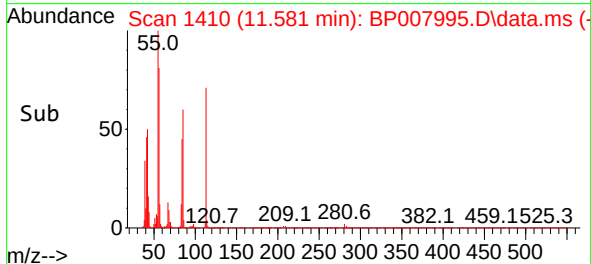
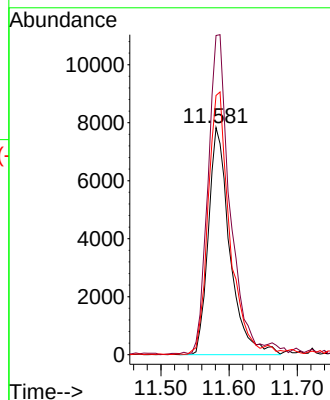
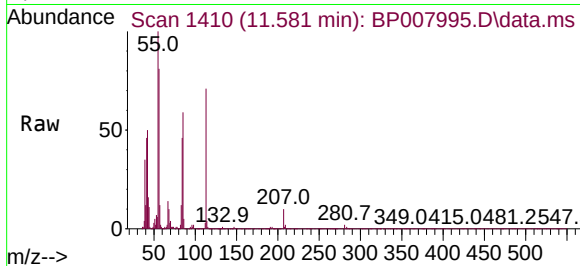




#35
Caprolactam
Concen: 9.538 ng
RT: 11.581 min Scan# 1414
Delta R.T. -0.024 min
Lab File: BP007995.D
Acq: 16 Nov 2021 12:11

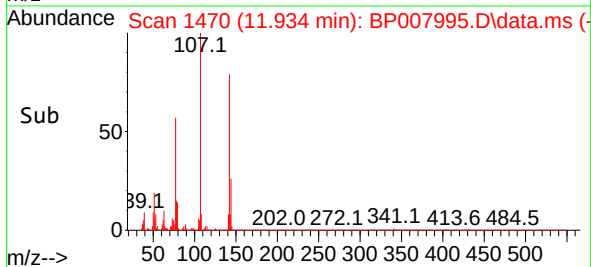
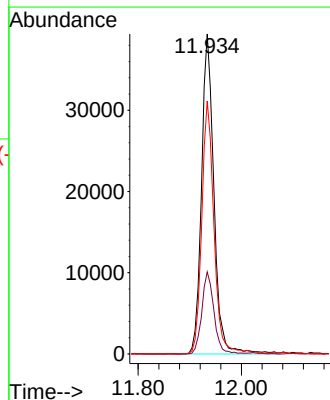
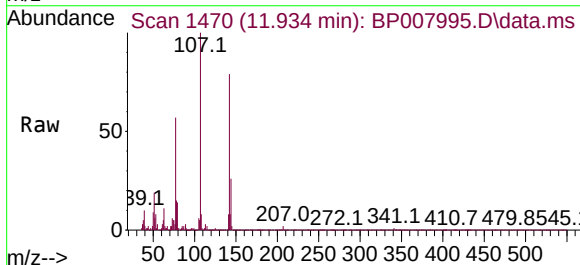
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT4-2021

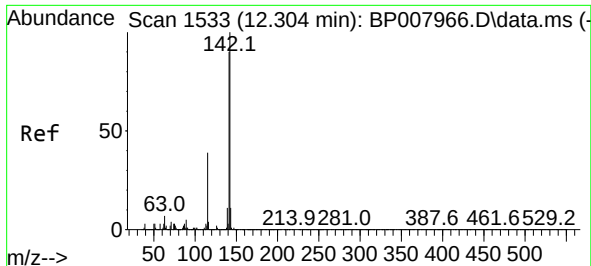
Tgt Ion:113 Resp: 17073
Ion Ratio Lower Upper
113 100
55 140.6 143.9 183.9#
56 114.2 101.6 141.6



#36
4-Chloro-3-methylphenol
Concen: 7.122 ng
RT: 11.934 min Scan# 1470
Delta R.T. -0.006 min
Lab File: BP007995.D
Acq: 16 Nov 2021 12:11

Tgt Ion:107 Resp: 65590
Ion Ratio Lower Upper
107 100
144 25.7 20.5 30.7
142 79.0 63.0 94.4

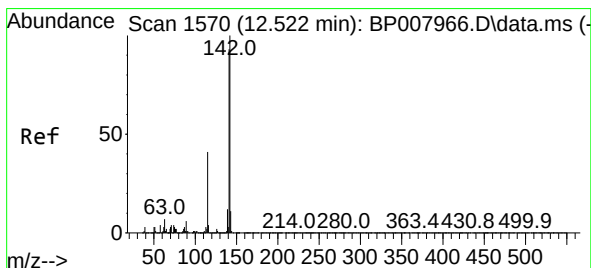
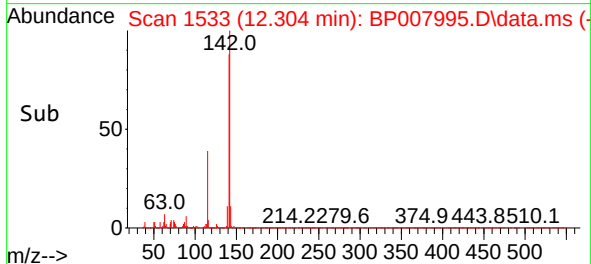
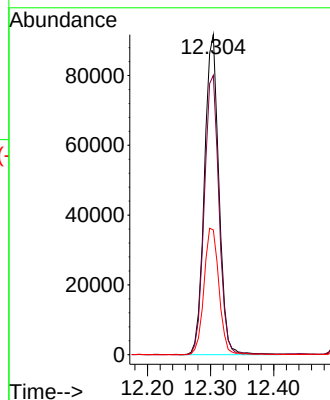
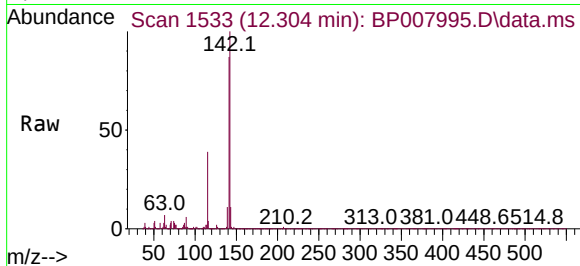




#37
2-Methylnaphthalene
Concen: 7.965 ng
RT: 12.304 min Scan# 1533
Delta R.T. 0.000 min
Lab File: BP007995.D
Acq: 16 Nov 2021 12:11

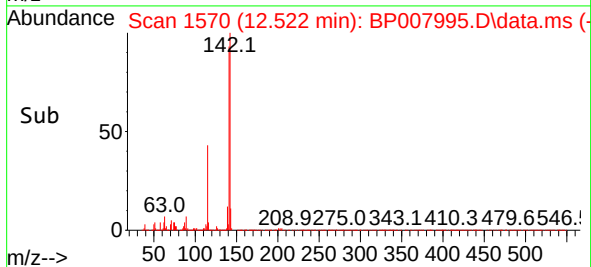
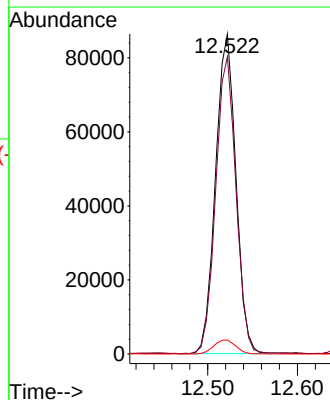
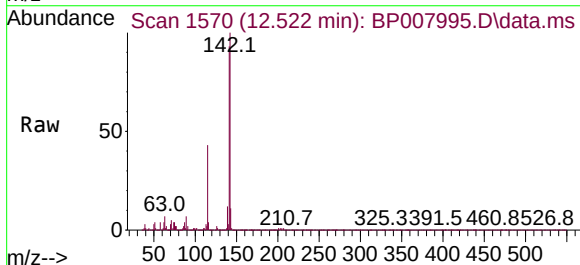
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT4-2021

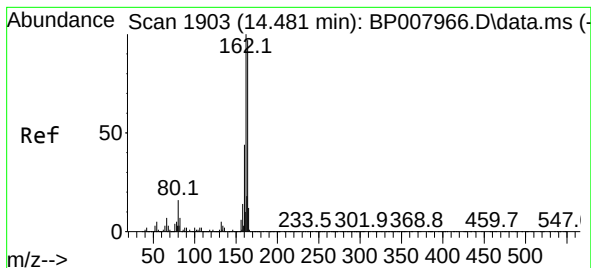
Tgt Ion:142 Resp: 146122
Ion Ratio Lower Upper
142 100
141 87.3 71.4 107.0
115 39.0 29.5 44.3



#38
1-Methylnaphthalene
Concen: 7.593 ng
RT: 12.522 min Scan# 1570
Delta R.T. 0.000 min
Lab File: BP007995.D
Acq: 16 Nov 2021 12:11

Tgt Ion:142 Resp: 135873
Ion Ratio Lower Upper
142 100
141 92.9 74.4 111.6
116 4.4 3.4 5.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.481 min Scan# 1903

Delta R.T. 0.000 min

Lab File: BP007995.D

Acq: 16 Nov 2021 12:11

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-03-QT4-2021

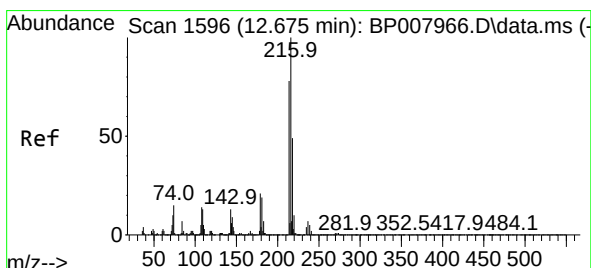
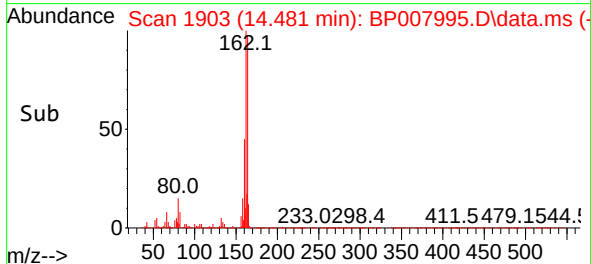
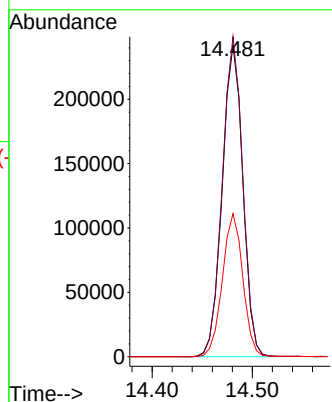
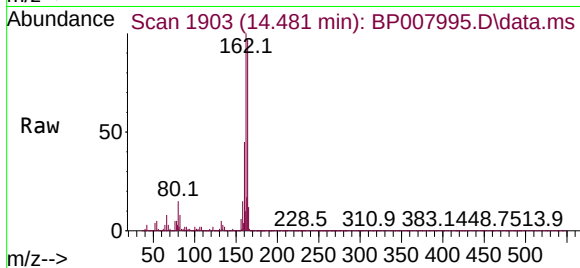
Tgt Ion:164 Resp: 345589

Ion Ratio Lower Upper

164 100

162 102.7 81.1 121.7

160 45.9 36.0 54.0



#40

1,2,4,5-Tetrachlorobenzene

Concen: 7.246 ng

RT: 12.675 min Scan# 1596

Delta R.T. 0.000 min

Lab File: BP007995.D

Acq: 16 Nov 2021 12:11

Tgt Ion:216 Resp: 83439

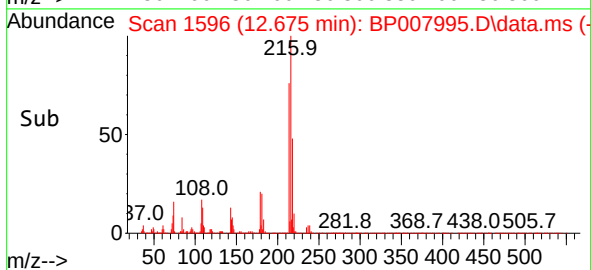
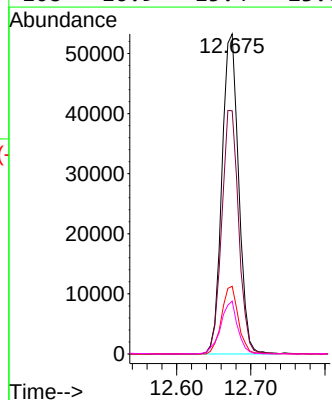
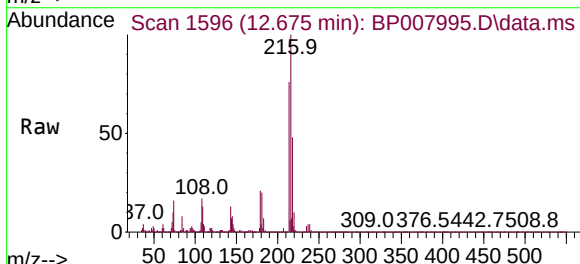
Ion Ratio Lower Upper

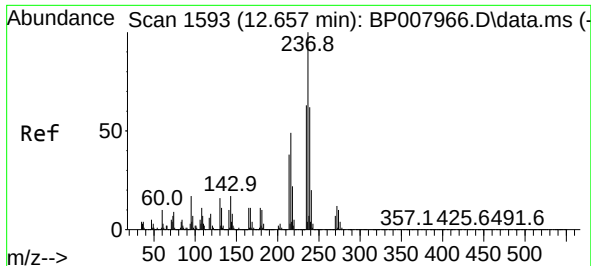
216 100

214 77.1 62.2 93.4

179 21.3 17.1 25.7

108 16.9 15.4 23.0

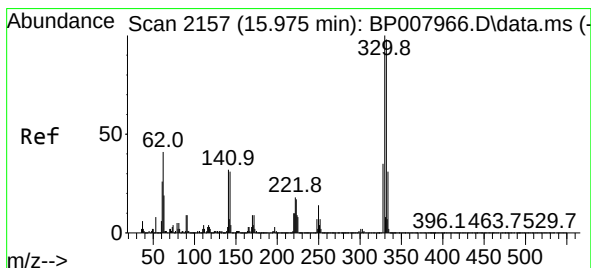
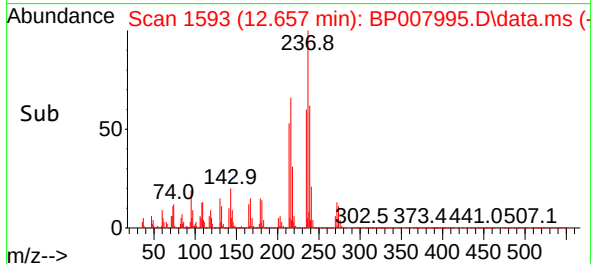
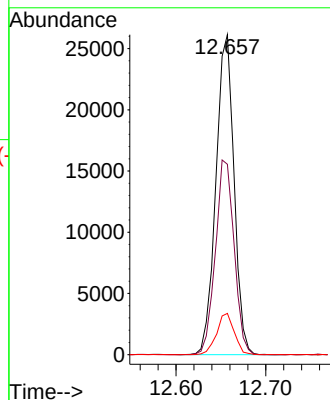
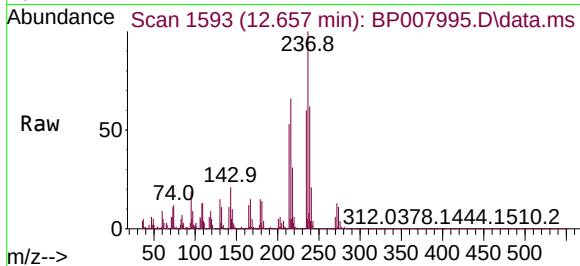




#41
Hexachlorocyclopentadiene
Concen: 6.932 ng
RT: 12.657 min Scan# 1593
Delta R.T. 0.000 min
Lab File: BP007995.D
Acq: 16 Nov 2021 12:11

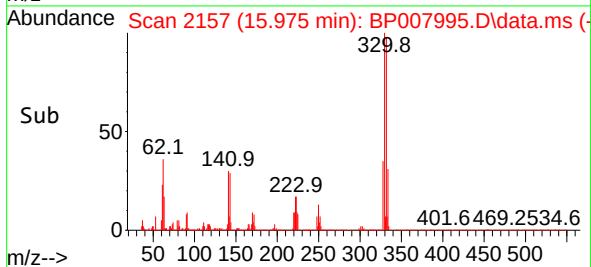
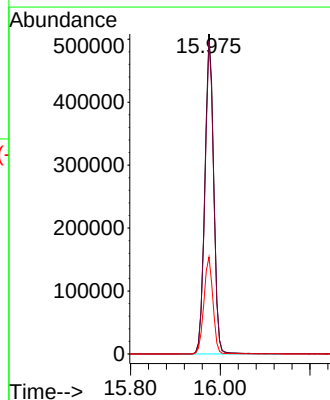
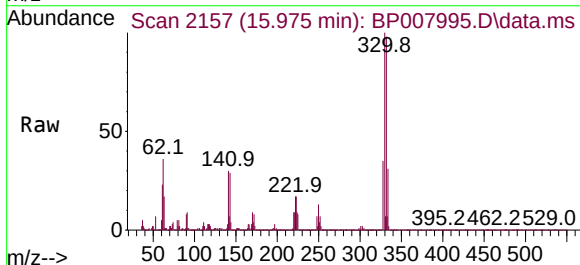
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT4-2021

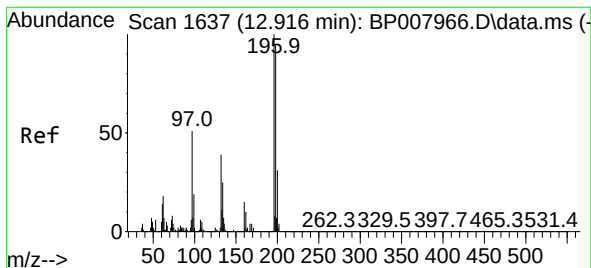
Tgt Ion:237	Resp:	36648
Ion Ratio	Lower	Upper
237	100	
235	59.5	41.2 81.2
272	12.9	0.0 31.9



#42
2,4,6-Tribromophenol
Concen: 127.355 ng
RT: 15.975 min Scan# 2157
Delta R.T. -0.000 min
Lab File: BP007995.D
Acq: 16 Nov 2021 12:11

Tgt Ion:330	Resp:	692484
Ion Ratio	Lower	Upper
330	100	
332	97.3	78.9 118.3
141	31.0	30.7 46.1





#43

2,4,6-Trichlorophenol

Concen: 6.674 ng

RT: 12.916 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP007995.D

Acq: 16 Nov 2021 12:11

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-03-QT4-2021

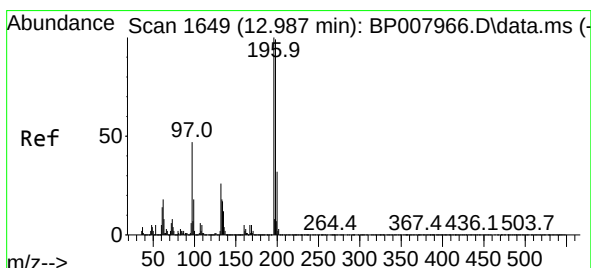
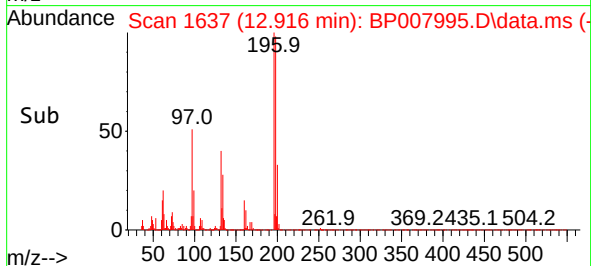
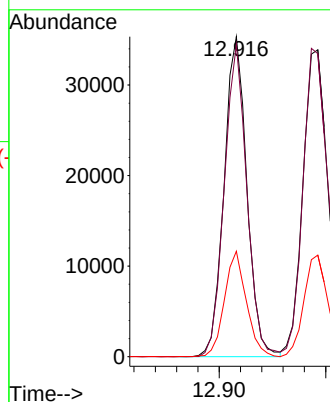
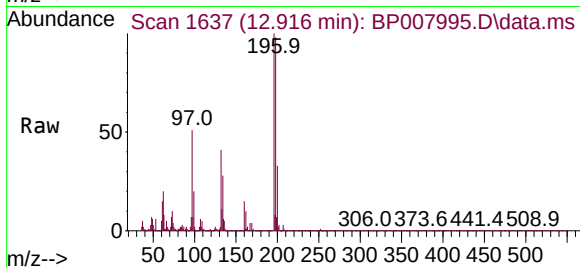
Tgt Ion:196 Resp: 52515

Ion Ratio Lower Upper

196 100

198 97.5 76.4 114.6

200 32.9 25.0 37.4



#44

2,4,5-Trichlorophenol

Concen: 6.788 ng

RT: 12.993 min Scan# 1650

Delta R.T. 0.005 min

Lab File: BP007995.D

Acq: 16 Nov 2021 12:11

Tgt Ion:196 Resp: 58034

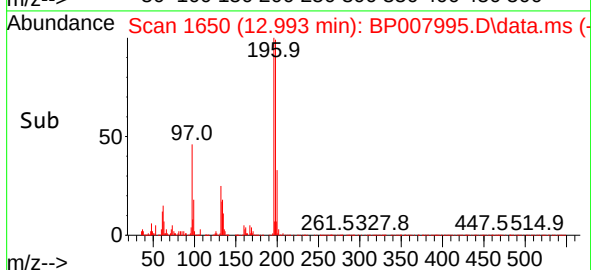
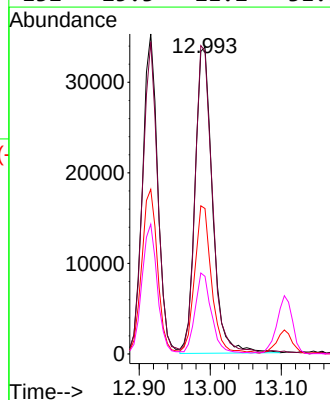
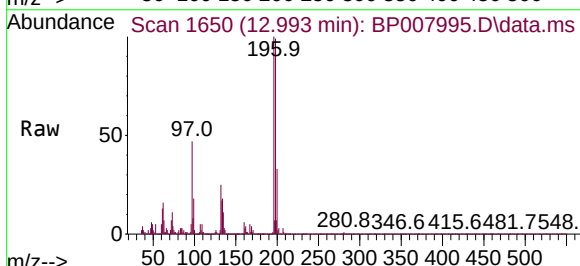
Ion Ratio Lower Upper

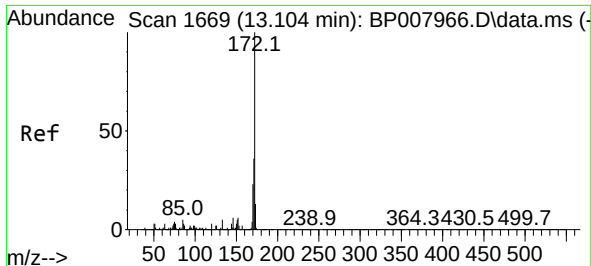
196 100

198 98.8 77.1 115.7

97 47.4 40.9 61.3

132 25.3 21.2 31.8

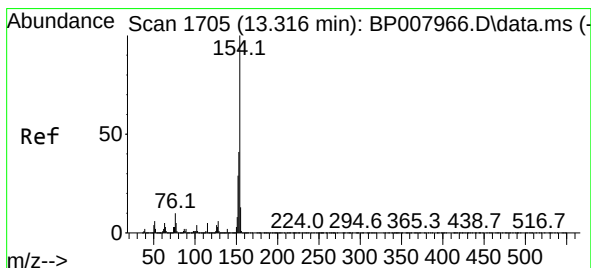
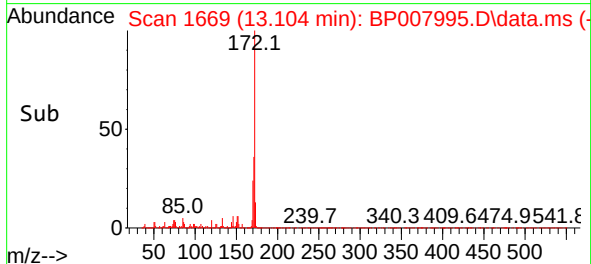
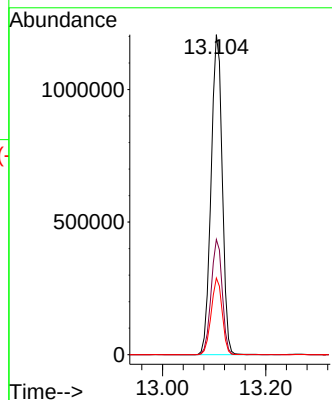
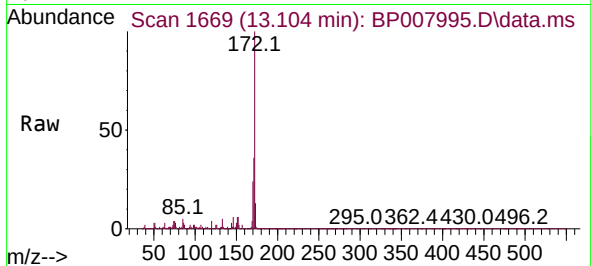




#45
2-Fluorobiphenyl
Concen: 73.239 ng
RT: 13.104 min Scan# 1669
Delta R.T. 0.000 min
Lab File: BP007995.D
Acq: 16 Nov 2021 12:11

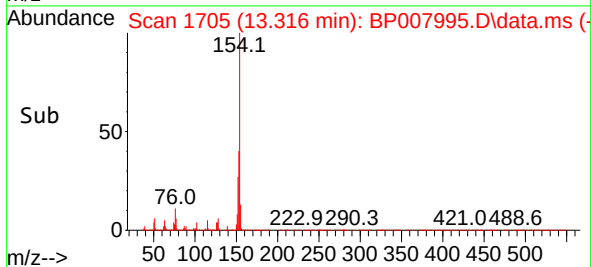
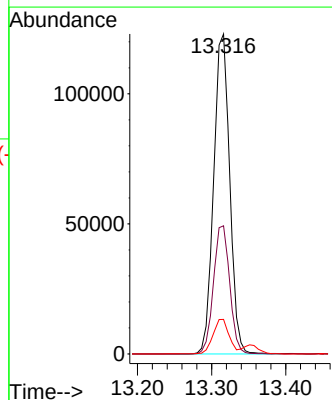
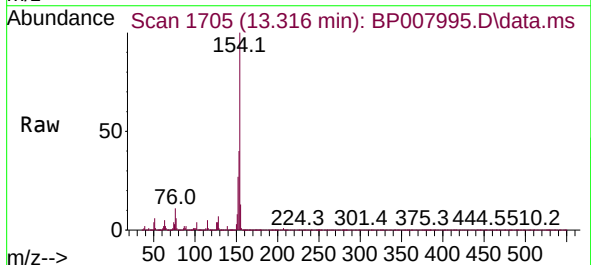
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT4-2021

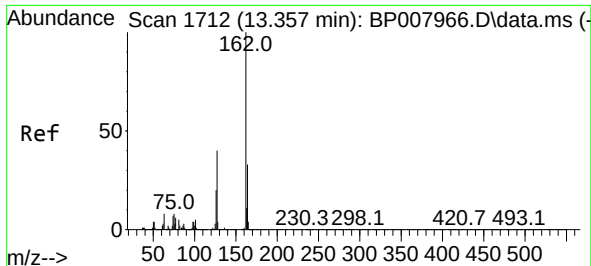
Tgt Ion:172 Resp: 1804390
Ion Ratio Lower Upper
172 100
171 36.0 28.2 42.2
170 23.9 19.0 28.4



#46
1,1'-Biphenyl
Concen: 7.153 ng
RT: 13.316 min Scan# 1705
Delta R.T. 0.000 min
Lab File: BP007995.D
Acq: 16 Nov 2021 12:11

Tgt Ion:154 Resp: 184644
Ion Ratio Lower Upper
154 100
153 40.1 19.9 59.9
76 10.8 0.0 32.4

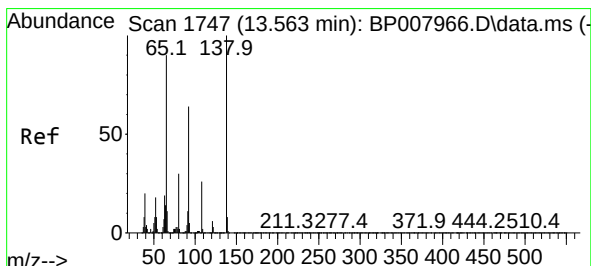
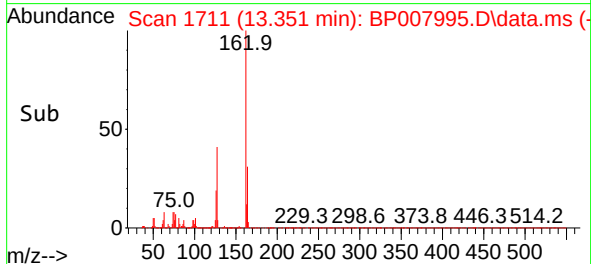
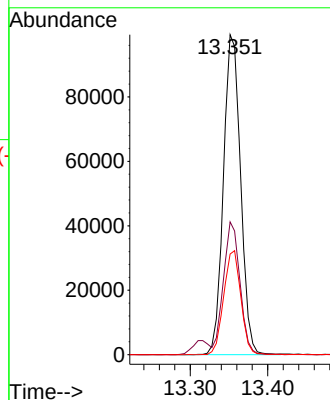
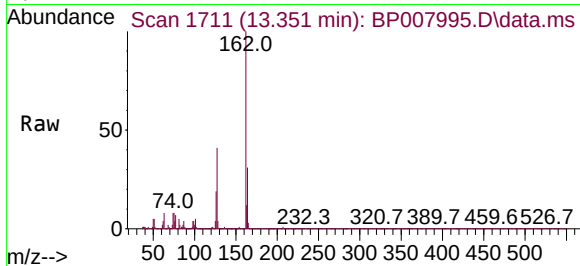




#47
2-Chloronaphthalene
Concen: 7.585 ng
RT: 13.351 min Scan# 1711
Delta R.T. -0.006 min
Lab File: BP007995.D
Acq: 16 Nov 2021 12:11

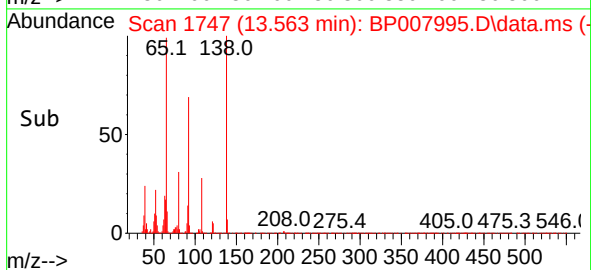
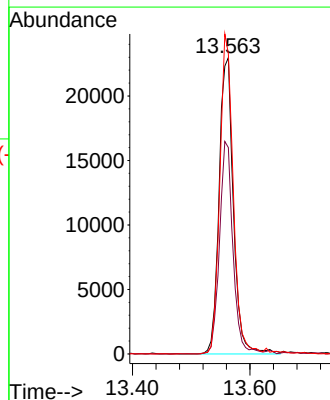
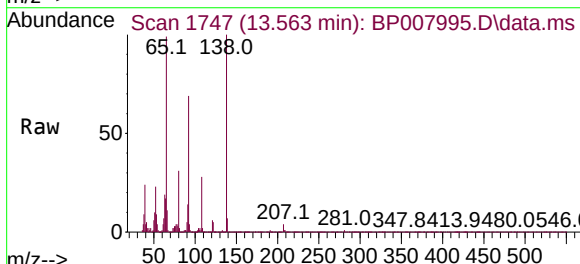
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT4-2021

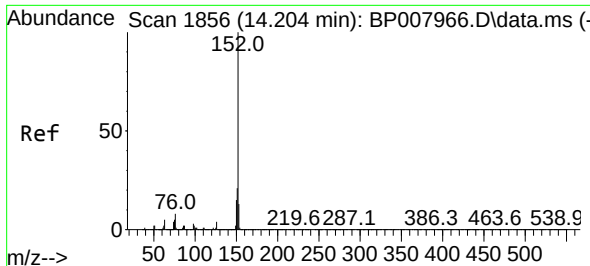
Tgt Ion:162 Resp: 153158
Ion Ratio Lower Upper
162 100
127 41.5 31.0 46.6
164 31.5 26.4 39.6



#48
2-Nitroaniline
Concen: 6.805 ng
RT: 13.563 min Scan# 1747
Delta R.T. 0.000 min
Lab File: BP007995.D
Acq: 16 Nov 2021 12:11

Tgt Ion: 65 Resp: 38996
Ion Ratio Lower Upper
65 100
92 69.6 55.9 83.9
138 101.3 86.3 129.5

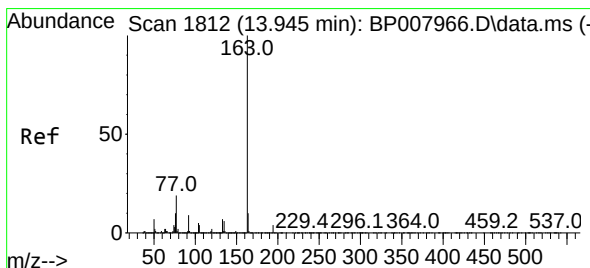
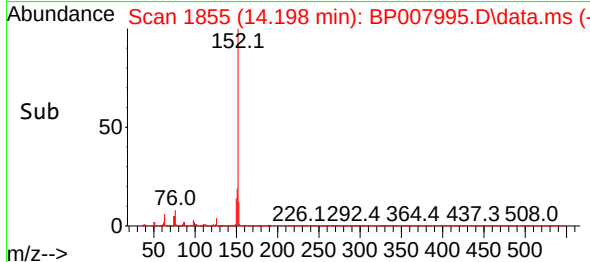
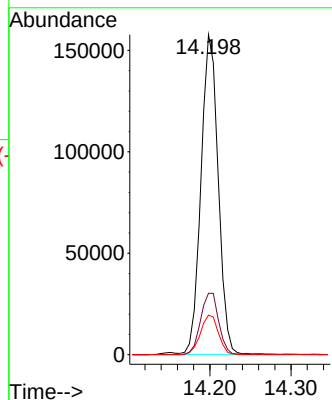
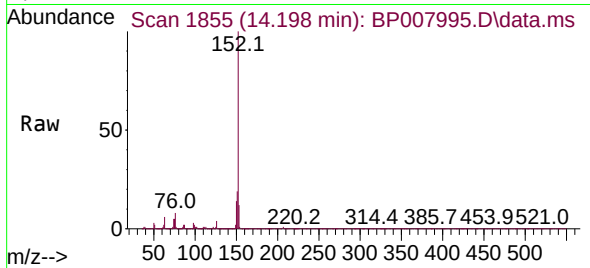




#49
Acenaphthylene
Concen: 7.548 ng
RT: 14.198 min Scan# 1855
Delta R.T. -0.006 min
Lab File: BP007995.D
Acq: 16 Nov 2021 12:11

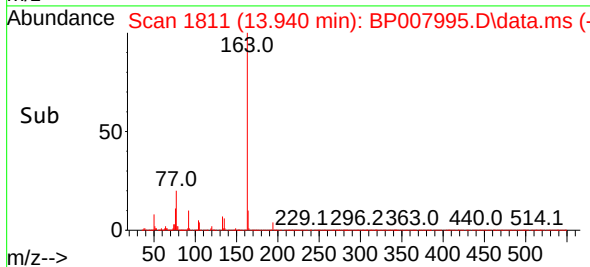
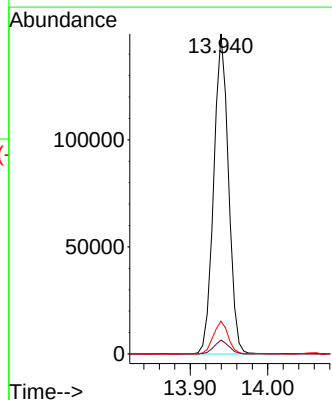
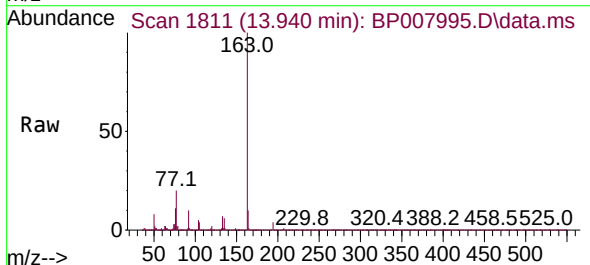
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT4-2021

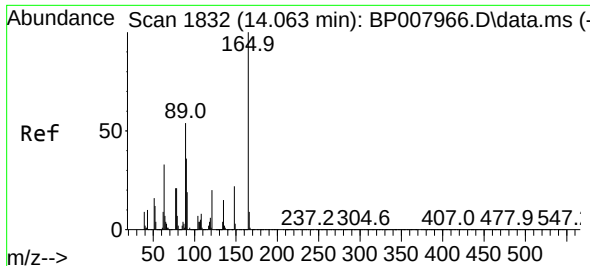
Tgt Ion:152 Resp: 231841
Ion Ratio Lower Upper
152 100
151 19.2 15.8 23.6
153 12.4 10.2 15.2



#50
Dimethylphthalate
Concen: 7.238 ng
RT: 13.940 min Scan# 1811
Delta R.T. -0.006 min
Lab File: BP007995.D
Acq: 16 Nov 2021 12:11

Tgt Ion:163 Resp: 197905
Ion Ratio Lower Upper
163 100
194 4.4 3.3 4.9
164 10.2 8.2 12.2

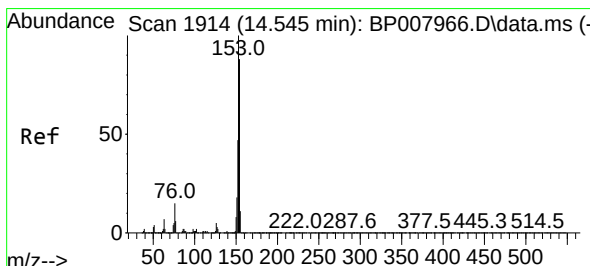
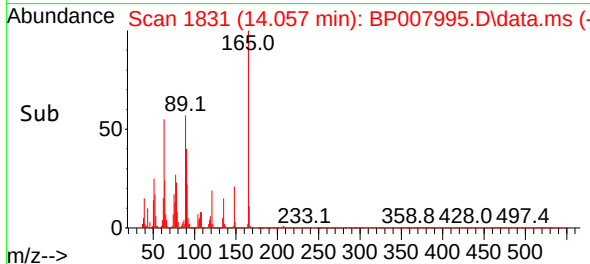
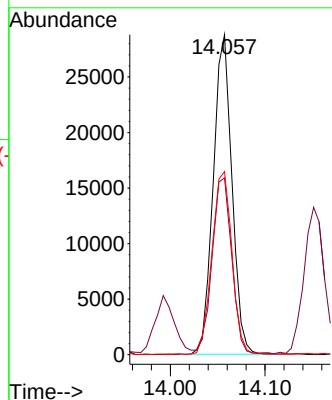
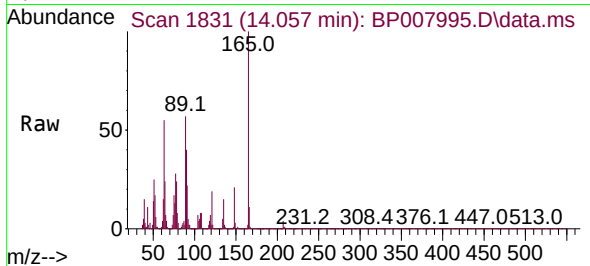




#51
2,6-Dinitrotoluene
Concen: 6.929 ng
RT: 14.057 min Scan# 1832
Delta R.T. -0.006 min
Lab File: BP007995.D
Acq: 16 Nov 2021 12:11

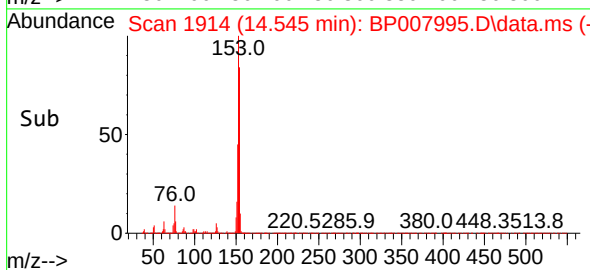
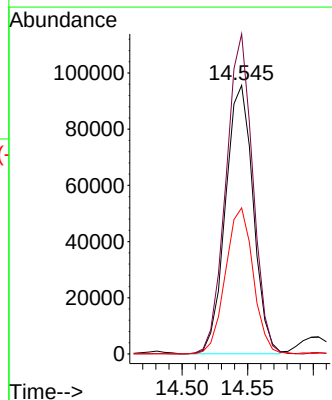
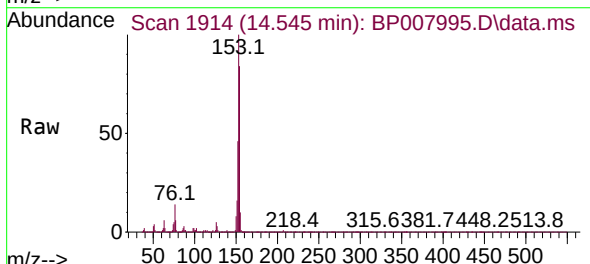
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT4-2021

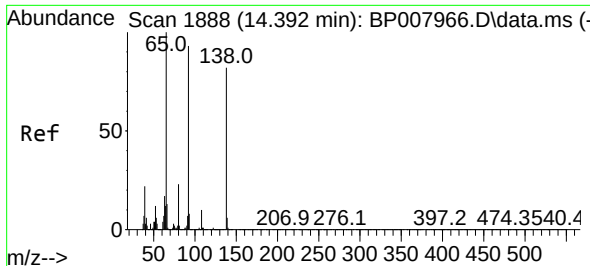
Tgt Ion:165 Resp: 39357
Ion Ratio Lower Upper
165 100
63 55.3 44.2 66.2
89 57.2 46.6 70.0



#52
Acenaphthene
Concen: 7.633 ng
RT: 14.545 min Scan# 1914
Delta R.T. 0.000 min
Lab File: BP007995.D
Acq: 16 Nov 2021 12:11

Tgt Ion:154 Resp: 140331
Ion Ratio Lower Upper
154 100
153 119.1 90.4 135.6
152 54.4 42.3 63.5

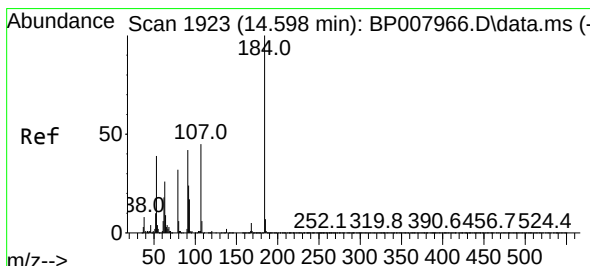
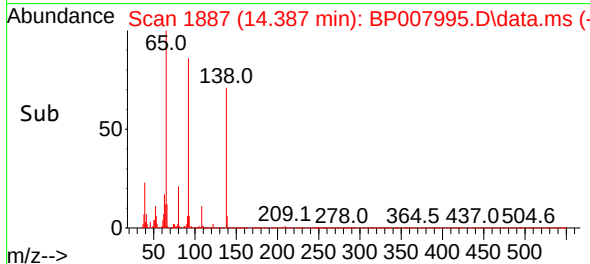
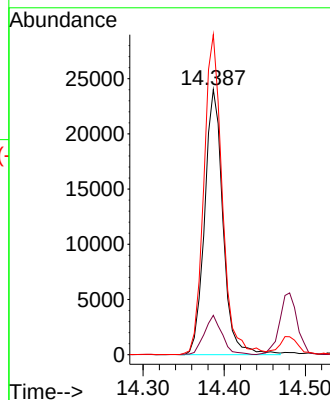
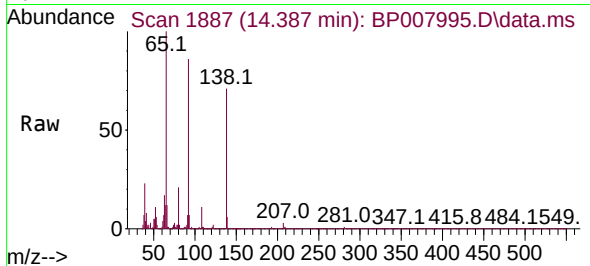




#53
3-Nitroaniline
Concen: 6.485 ng
RT: 14.387 min Scan# 1887
Delta R.T. -0.006 min
Lab File: BP007995.D
Acq: 16 Nov 2021 12:11

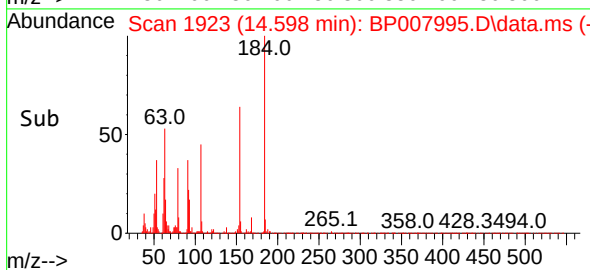
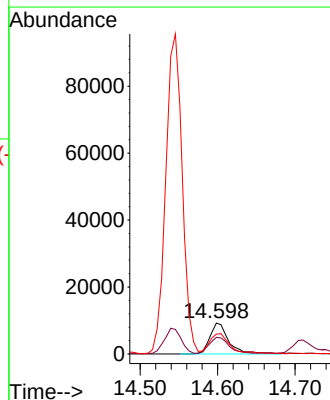
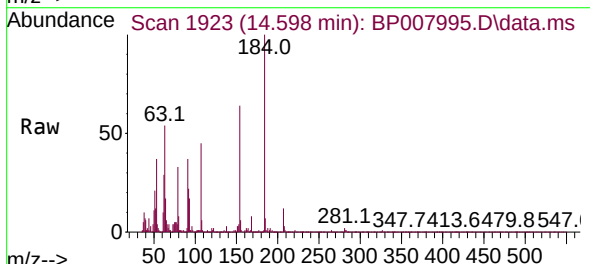
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT4-2021

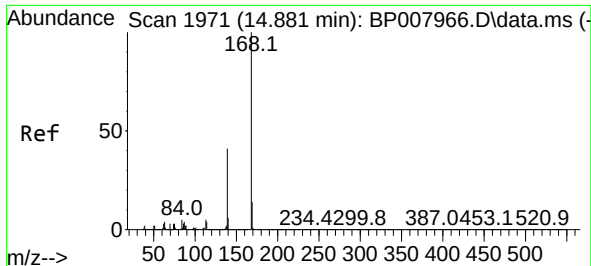
Tgt Ion:138 Resp: 37560
Ion Ratio Lower Upper
138 100
108 14.9 12.3 18.5
92 120.7 94.9 142.3



#54
2,4-Dinitrophenol
Concen: 4.570 ng
RT: 14.598 min Scan# 1923
Delta R.T. 0.000 min
Lab File: BP007995.D
Acq: 16 Nov 2021 12:11

Tgt Ion:184 Resp: 15666
Ion Ratio Lower Upper
184 100
63 54.1 44.0 66.0
154 64.1 48.9 73.3

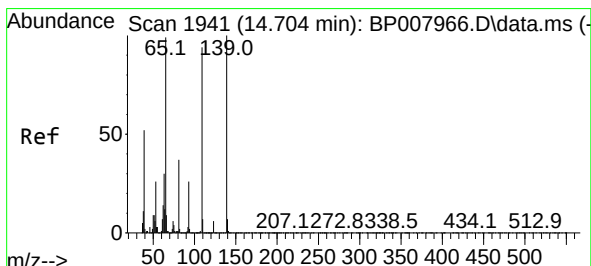
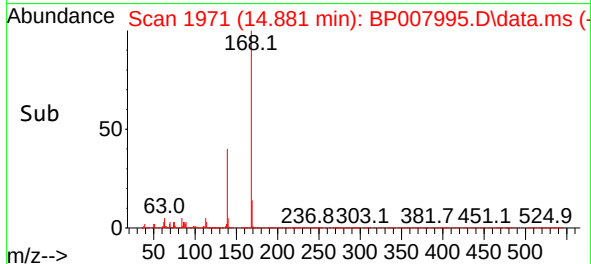
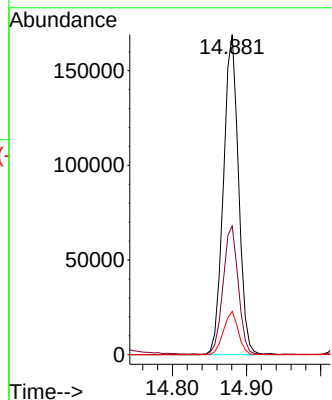
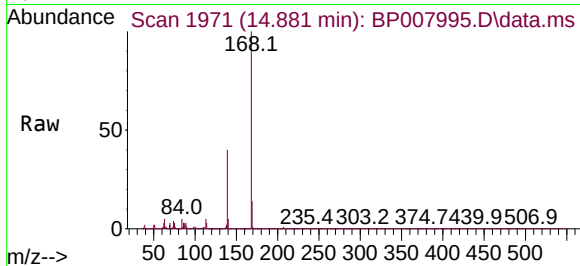




#55
Dibenzenofuran
Concen: 7.652 ng
RT: 14.881 min Scan# 1971
Delta R.T. 0.000 min
Lab File: BP007995.D
Acq: 16 Nov 2021 12:11

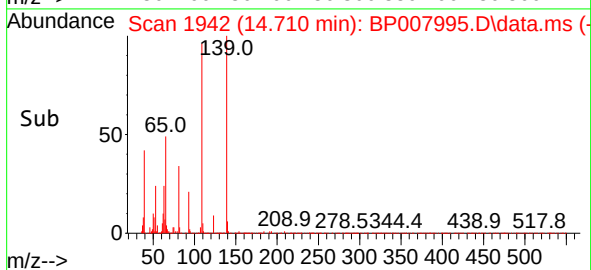
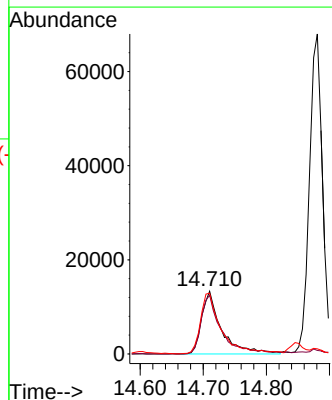
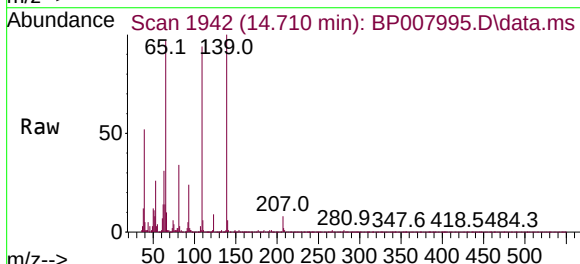
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT4-2021

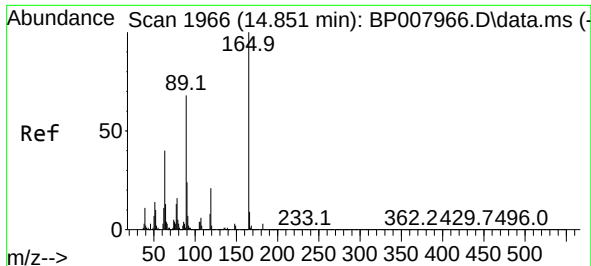
Tgt Ion:168 Resp: 239233
Ion Ratio Lower Upper
168 100
139 40.2 30.8 46.2
169 13.5 11.0 16.6



#56
4-Nitrophenol
Concen: 6.174 ng
RT: 14.710 min Scan# 1942
Delta R.T. 0.006 min
Lab File: BP007995.D
Acq: 16 Nov 2021 12:11

Tgt Ion:139 Resp: 29139
Ion Ratio Lower Upper
139 100
109 93.6 60.9 100.9
65 96.9 76.5 116.5

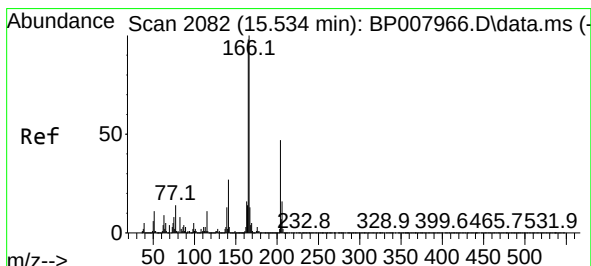
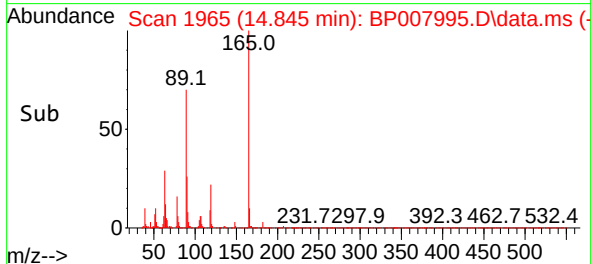
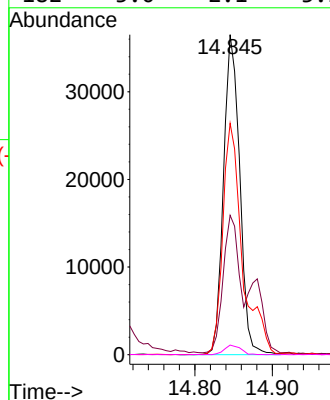
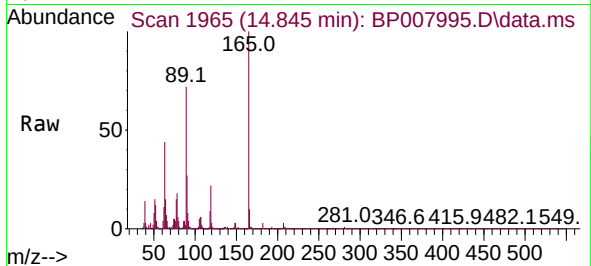




#57
2,4-Dinitrotoluene
Concen: 7.016 ng
RT: 14.845 min Scan# 1965
Delta R.T. -0.006 min
Lab File: BP007995.D
Acq: 16 Nov 2021 12:11

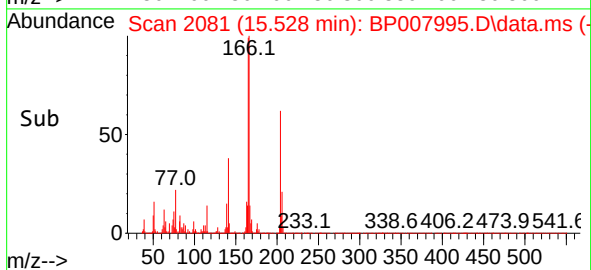
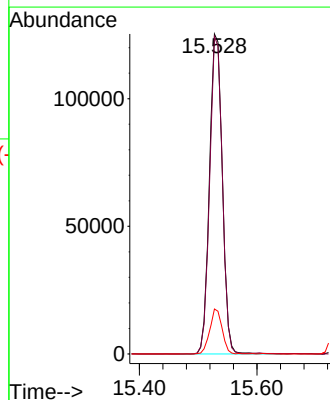
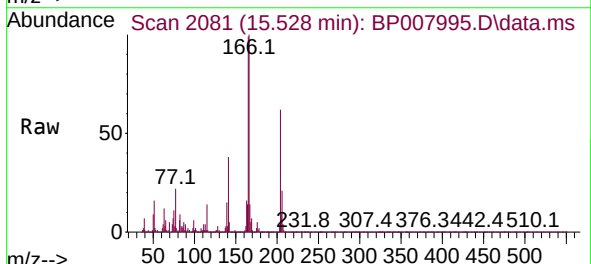
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT4-2021

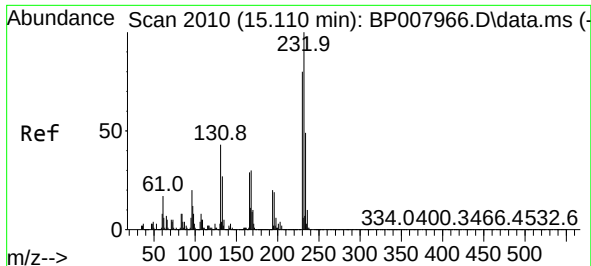
Tgt Ion:	165	Resp:	53050
Ion Ratio	Lower	Upper	
165	100		
63	43.6	37.4	56.0
89	72.3	61.8	92.6
182	3.0	2.1	3.1



#58
Fluorene
Concen: 7.596 ng
RT: 15.528 min Scan# 2081
Delta R.T. -0.006 min
Lab File: BP007995.D
Acq: 16 Nov 2021 12:11

Tgt Ion:	166	Resp:	188963
Ion Ratio	Lower	Upper	
166	100		
165	99.2	78.9	118.3
167	14.0	10.9	16.3





#59

2,3,4,6-Tetrachlorophenol

Concen: 6.767 ng

RT: 15.028 min Scan# 1996

Delta R.T. -0.082 min

Lab File: BP007995.D

Acq: 16 Nov 2021 12:11

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-03-QT4-2021

Tgt Ion:232 Resp: 52694

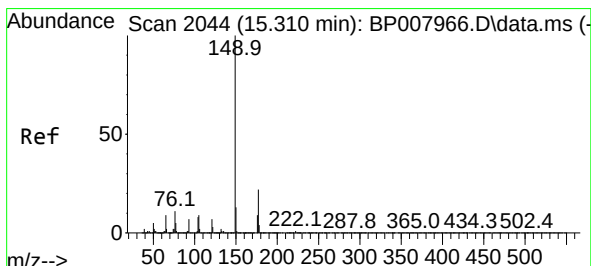
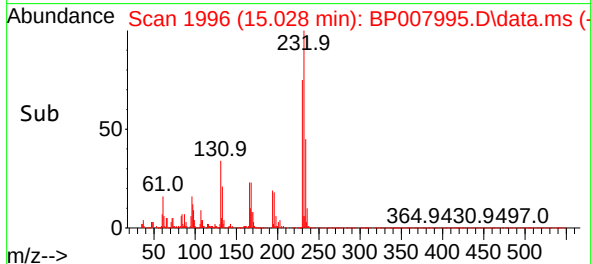
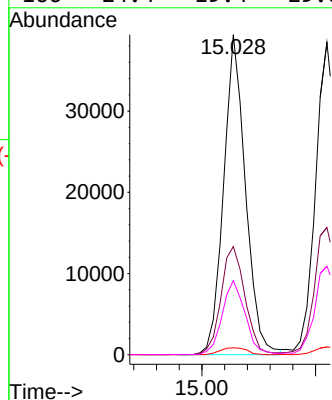
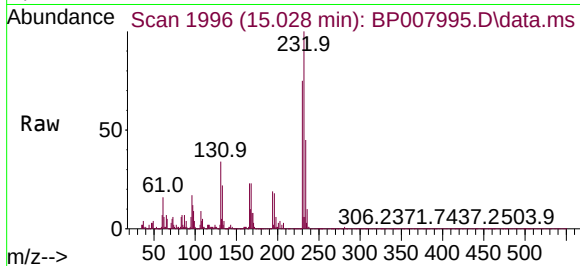
Ion Ratio Lower Upper

232 100

131 36.9 30.3 45.5

130 2.7 1.8 2.8

166 24.4 19.4 29.0



#60

Diethylphthalate

Concen: 7.264 ng

RT: 15.304 min Scan# 2043

Delta R.T. -0.006 min

Lab File: BP007995.D

Acq: 16 Nov 2021 12:11

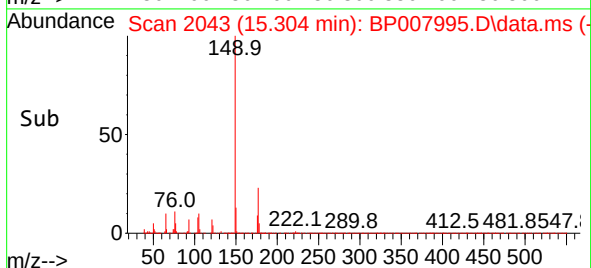
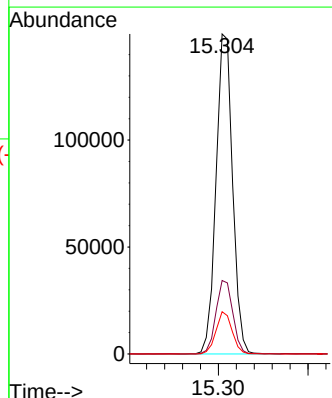
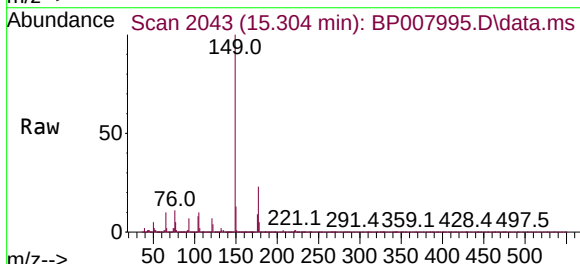
Tgt Ion:149 Resp: 191443

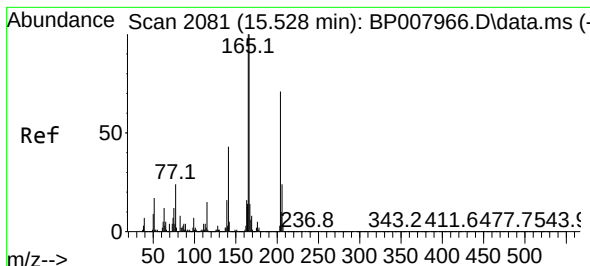
Ion Ratio Lower Upper

149 100

177 22.9 17.8 26.8

150 13.2 10.2 15.2

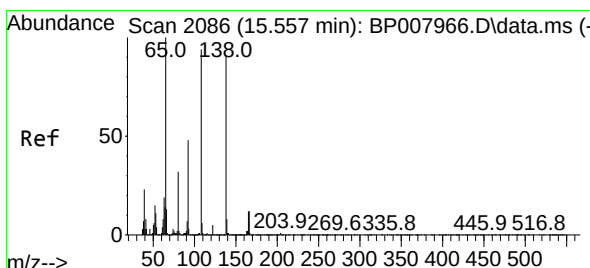
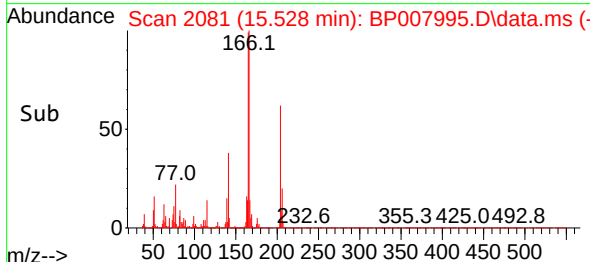
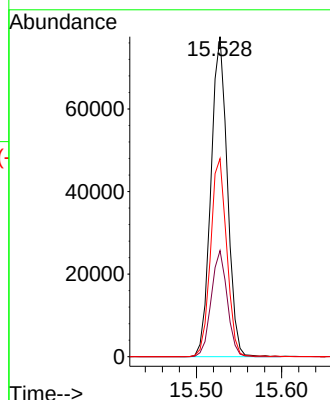
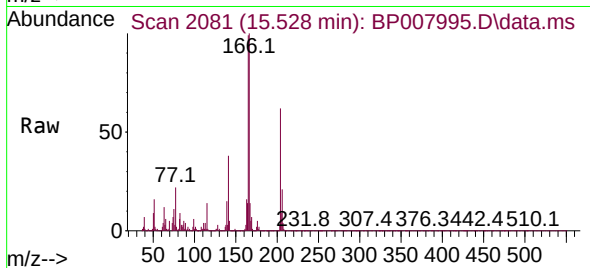




#61
4-Chlorophenyl-phenylether
Concen: 7.708 ng
RT: 15.528 min Scan# 2081
Delta R.T. 0.000 min
Lab File: BP007995.D
Acq: 16 Nov 2021 12:11

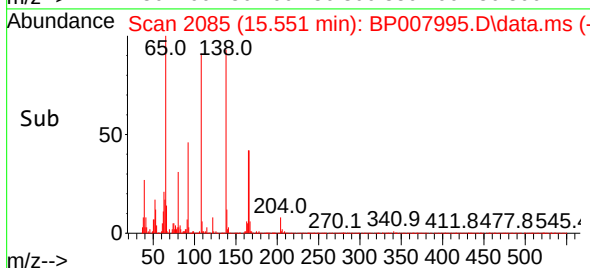
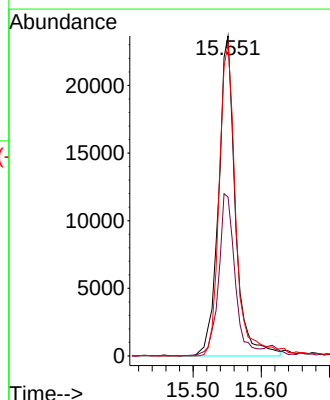
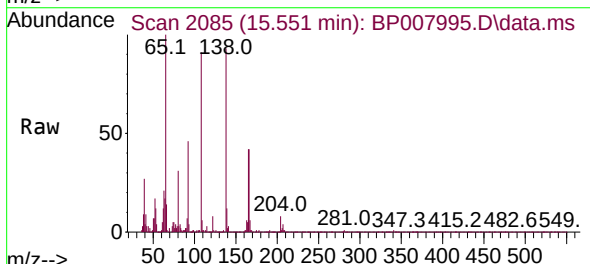
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT4-2021

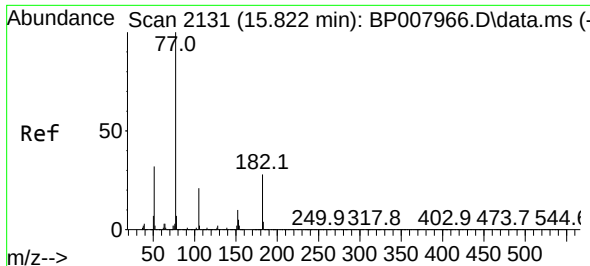
Tgt Ion:204 Resp: 103697
Ion Ratio Lower Upper
204 100
206 33.2 25.8 38.8
141 61.9 48.8 73.2



#62
4-Nitroaniline
Concen: 6.801 ng
RT: 15.551 min Scan# 2085
Delta R.T. -0.006 min
Lab File: BP007995.D
Acq: 16 Nov 2021 12:11

Tgt Ion:138 Resp: 40479
Ion Ratio Lower Upper
138 100
92 49.6 30.7 70.7
108 97.6 71.2 111.2

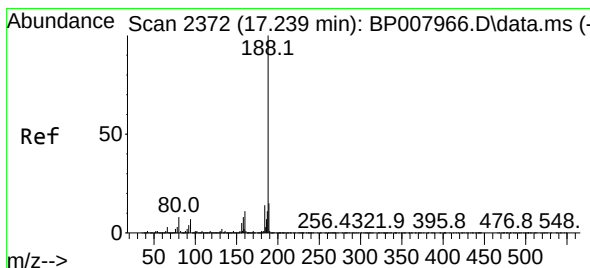
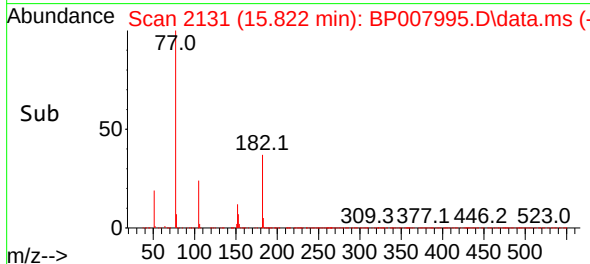
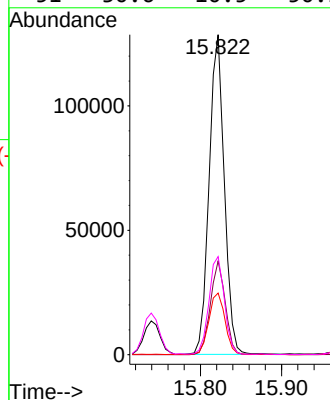
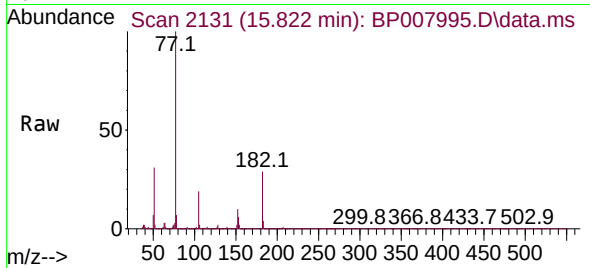




#63
Azobenzene
Concen: 7.501 ng
RT: 15.822 min Scan# 2131
Delta R.T. 0.000 min
Lab File: BP007995.D
Acq: 16 Nov 2021 12:11

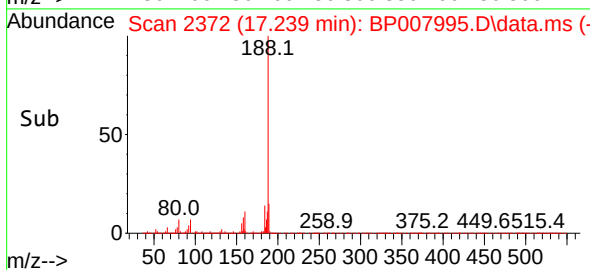
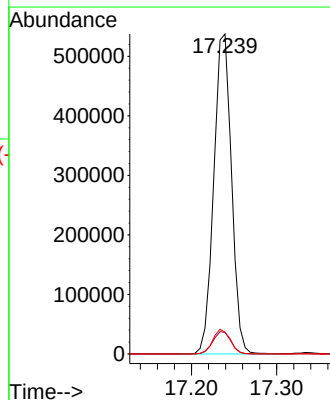
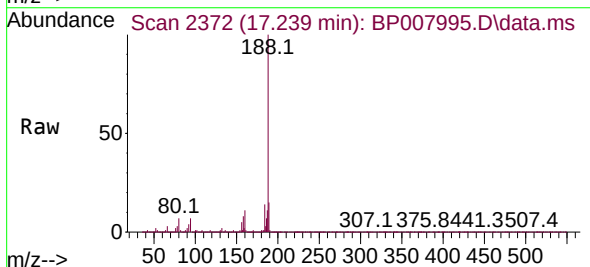
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT4-2021

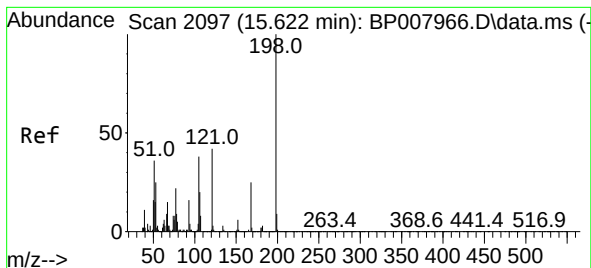
Tgt Ion: 77	Resp: 166439
Ion Ratio	Lower Upper
77 100	
182 29.3	6.5 46.5
105 19.2	1.3 41.3
51 30.6	10.5 50.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.239 min Scan# 2372
Delta R.T. 0.000 min
Lab File: BP007995.D
Acq: 16 Nov 2021 12:11

Tgt Ion:188	Resp: 776382
Ion Ratio	Lower Upper
188 100	
94 6.8	7.1 10.7#
80 6.8	7.8 11.6#

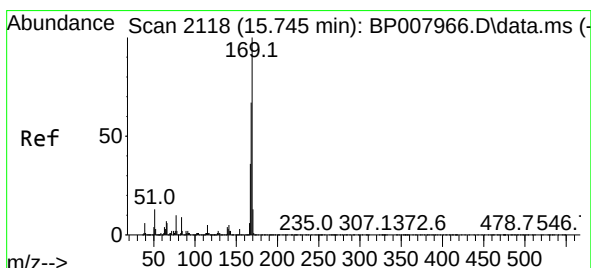
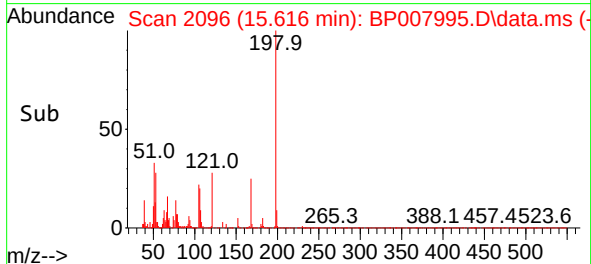
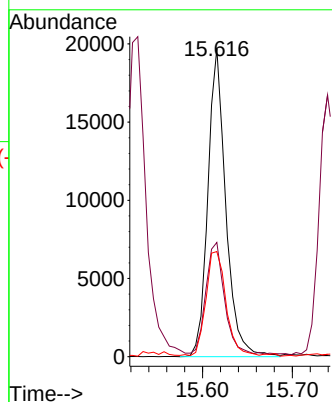
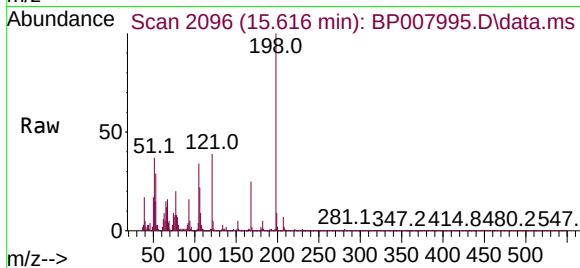




#65
4,6-Dinitro-2-methylphenol
Concen: 5.373 ng
RT: 15.616 min Scan# 2096
Delta R.T. -0.006 min
Lab File: BP007995.D
Acq: 16 Nov 2021 12:11

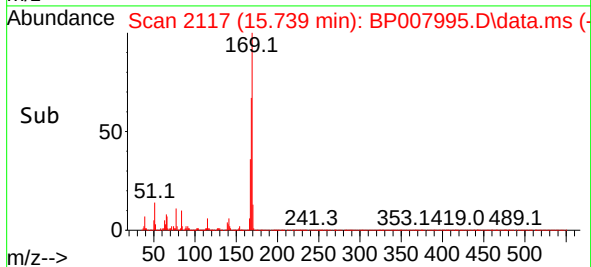
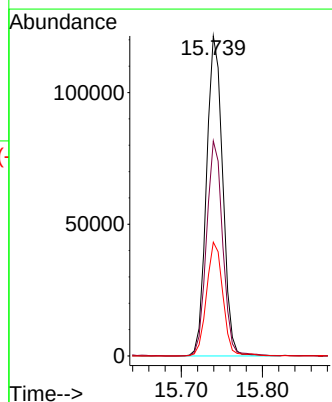
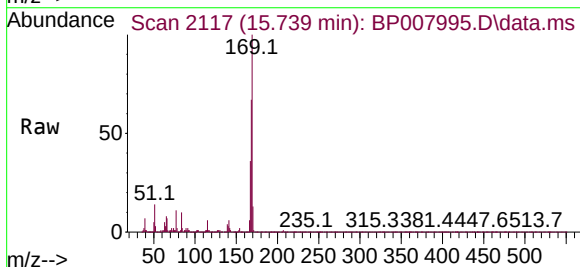
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT4-2021

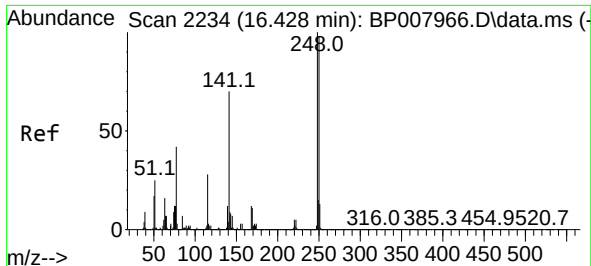
Tgt Ion:198 Resp: 27339
Ion Ratio Lower Upper
198 100
51 37.1 23.8 63.8
105 34.1 24.6 64.6



#66
n-Nitrosodiphenylamine
Concen: 7.543 ng
RT: 15.739 min Scan# 2117
Delta R.T. -0.006 min
Lab File: BP007995.D
Acq: 16 Nov 2021 12:11

Tgt Ion:169 Resp: 167625
Ion Ratio Lower Upper
169 100
168 67.2 52.7 79.1
167 35.6 29.0 43.6

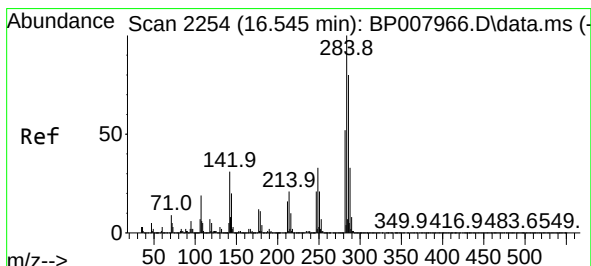
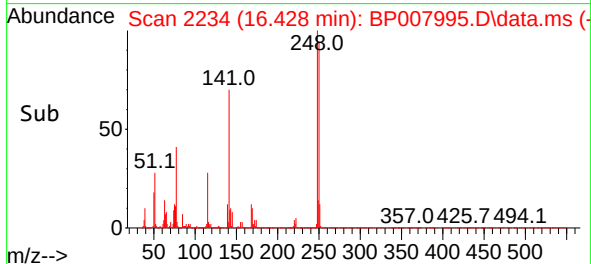
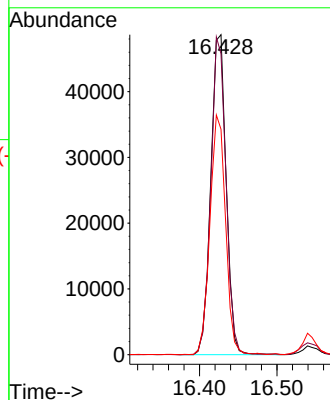
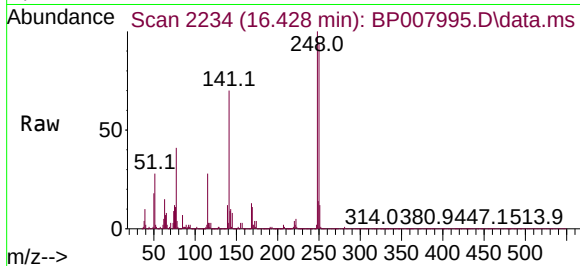




#67
4-Bromophenyl-phenylether
Concen: 7.358 ng
RT: 16.428 min Scan# 2234
Delta R.T. 0.000 min
Lab File: BP007995.D
Acq: 16 Nov 2021 12:11

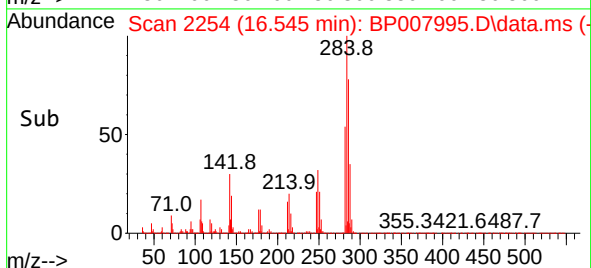
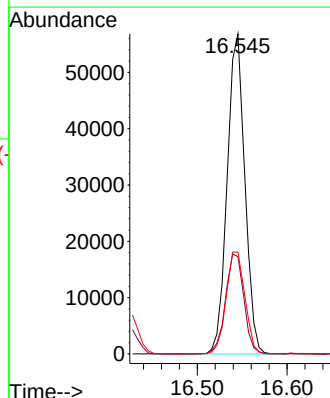
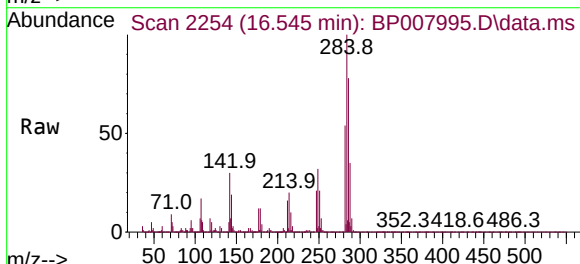
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT4-2021

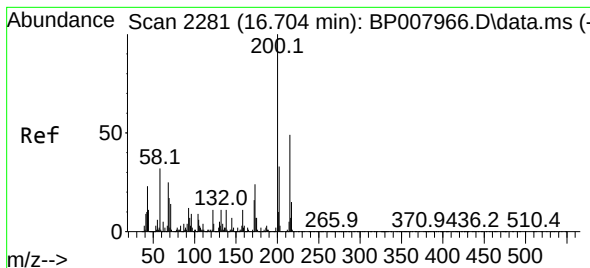
Tgt Ion:248 Resp: 66815
Ion Ratio Lower Upper
248 100
250 94.0 78.2 117.2
141 70.5 60.8 91.2



#68
Hexachlorobenzene
Concen: 7.607 ng
RT: 16.545 min Scan# 2254
Delta R.T. 0.000 min
Lab File: BP007995.D
Acq: 16 Nov 2021 12:11

Tgt Ion:284 Resp: 77796
Ion Ratio Lower Upper
284 100
142 30.4 30.6 46.0#
249 31.9 26.6 40.0





#69

Atrazine

Concen: 10.979 ng

RT: 16.698 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP007995.D

Acq: 16 Nov 2021 12:11

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-03-QT4-2021

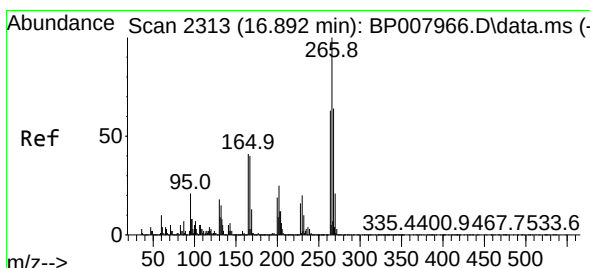
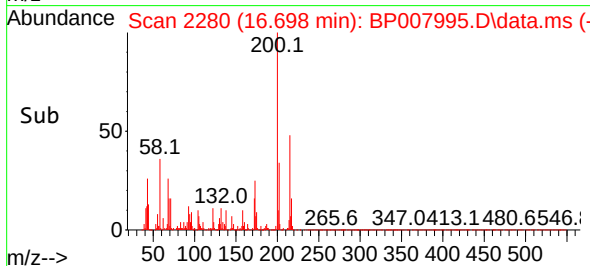
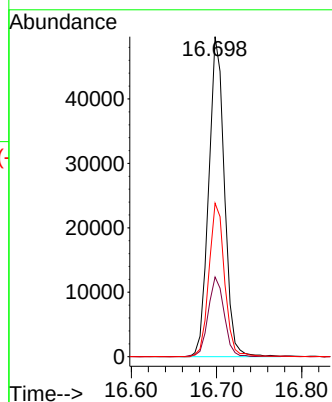
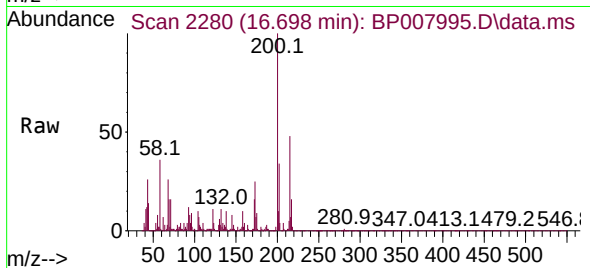
Tgt Ion:200 Resp: 63612

Ion Ratio Lower Upper

200 100

173 24.9 6.2 46.2

215 48.0 28.2 68.2



#70

Pentachlorophenol

Concen: 6.734 ng

RT: 16.892 min Scan# 2313

Delta R.T. 0.000 min

Lab File: BP007995.D

Acq: 16 Nov 2021 12:11

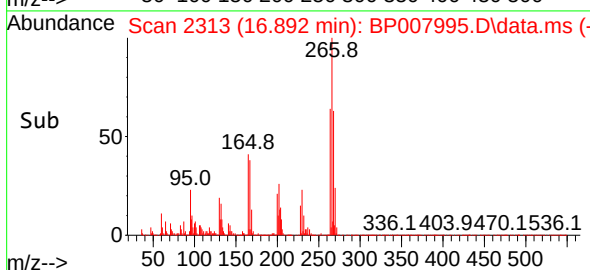
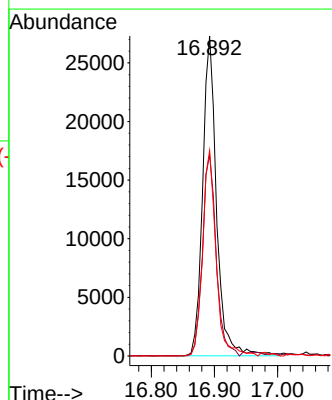
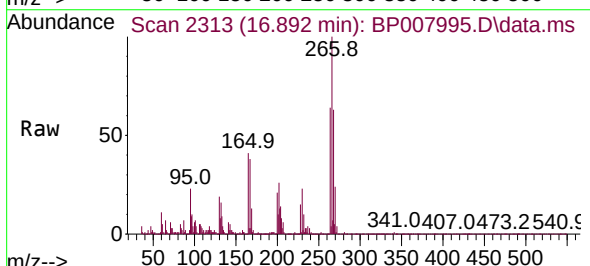
Tgt Ion:266 Resp: 41994

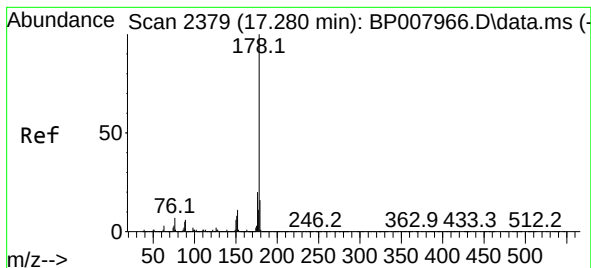
Ion Ratio Lower Upper

266 100

268 62.8 49.3 73.9

264 64.2 48.7 73.1





#71

Phenanthrene

Concen: 7.635 ng

RT: 17.281 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP007995.D

Acq: 16 Nov 2021 12:11

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-03-QT4-2021

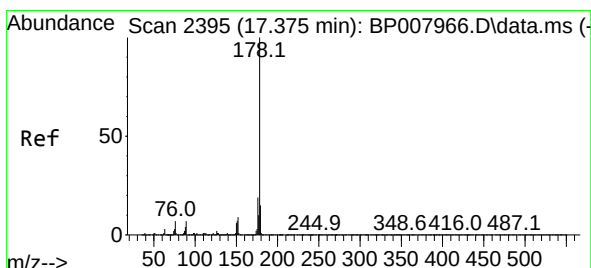
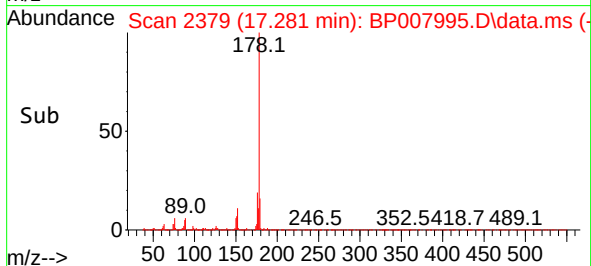
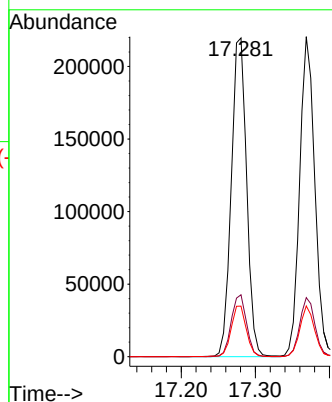
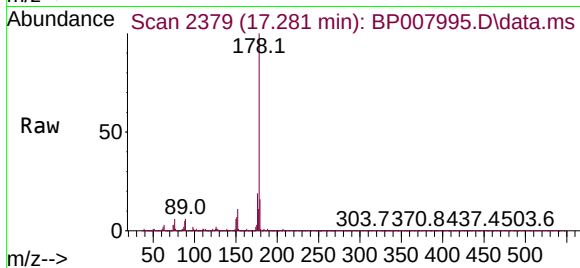
Tgt Ion:178 Resp: 315795

Ion Ratio Lower Upper

178 100

176 19.4 15.4 23.0

179 15.9 12.3 18.5



#72

Anthracene

Concen: 7.727 ng

RT: 17.369 min Scan# 2394

Delta R.T. -0.006 min

Lab File: BP007995.D

Acq: 16 Nov 2021 12:11

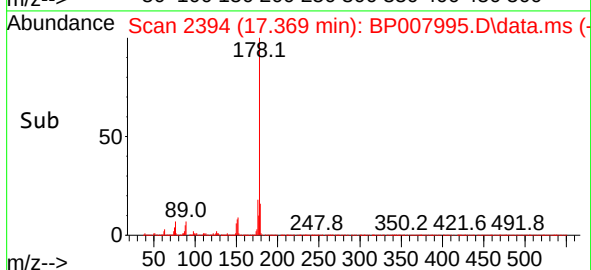
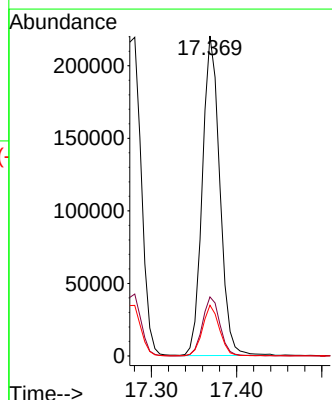
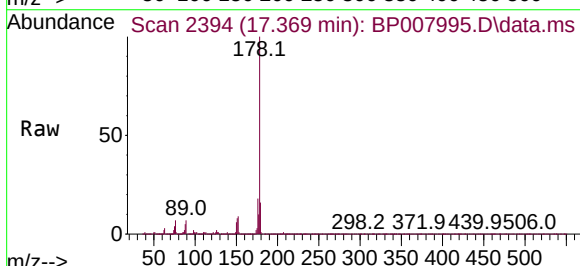
Tgt Ion:178 Resp: 313324

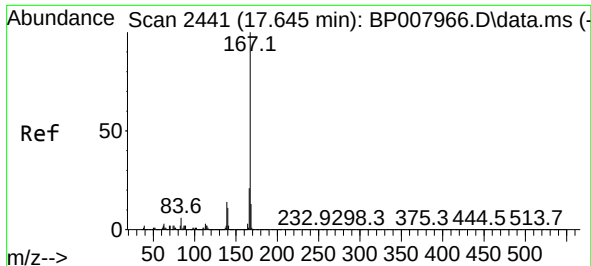
Ion Ratio Lower Upper

178 100

176 18.5 15.0 22.6

179 15.8 12.2 18.4

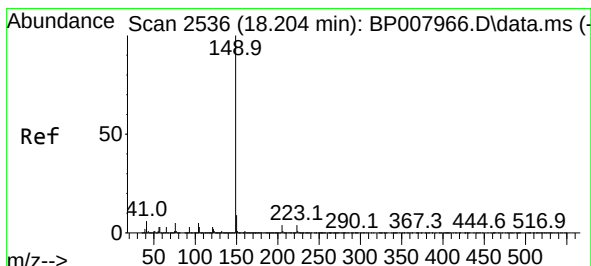
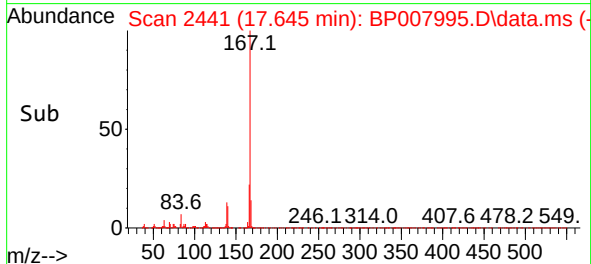
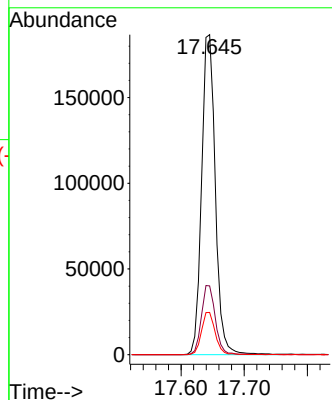
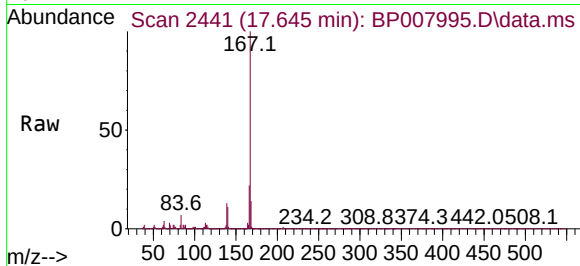




#73
 Carbazole
 Concen: 7.045 ng
 RT: 17.645 min Scan# 2441
 Delta R.T. 0.000 min
 Lab File: BP007995.D
 Acq: 16 Nov 2021 12:11

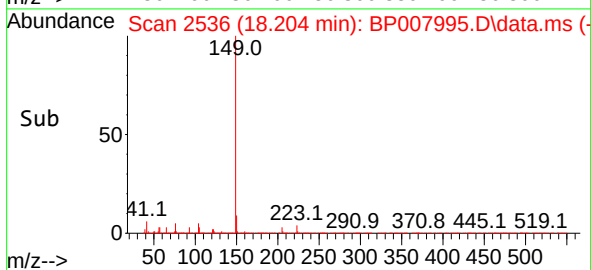
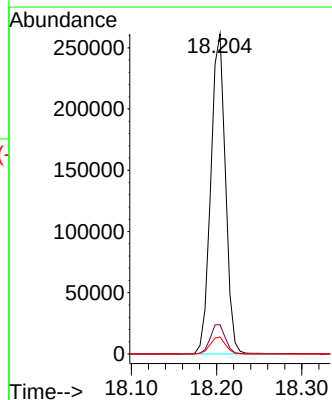
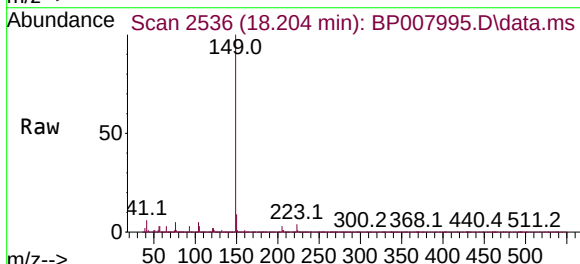
Instrument :
 BNA_P
 ClientSampleId :
 MDL-SOIL-03-QT4-2021

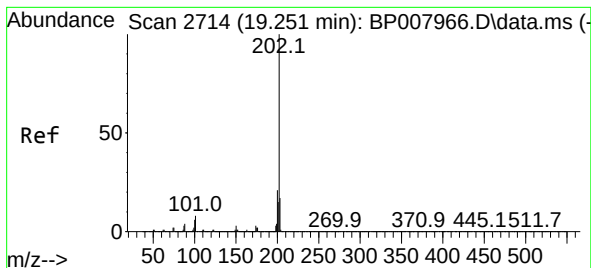
Tgt Ion:167 Resp: 281295
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.3 25.9
 139 13.2 10.4 15.6



#74
 Di-n-butylphthalate
 Concen: 6.930 ng
 RT: 18.204 min Scan# 2536
 Delta R.T. 0.000 min
 Lab File: BP007995.D
 Acq: 16 Nov 2021 12:11

Tgt Ion:149 Resp: 313183
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.6 11.4
 104 5.3 4.2 6.4





#75

Fluoranthene

Concen: 7.614 ng

RT: 19.251 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP007995.D

Acq: 16 Nov 2021 12:11

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-03-QT4-2021

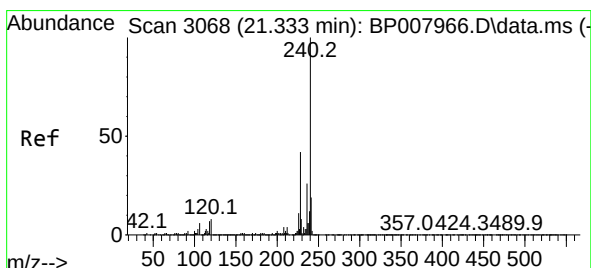
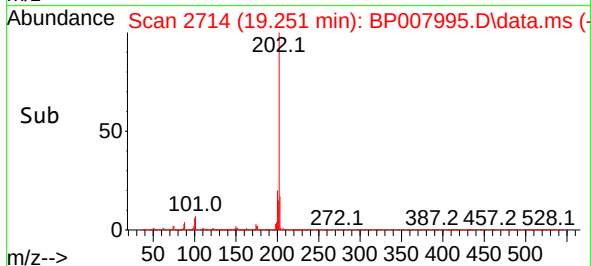
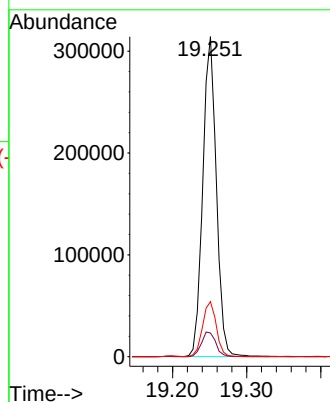
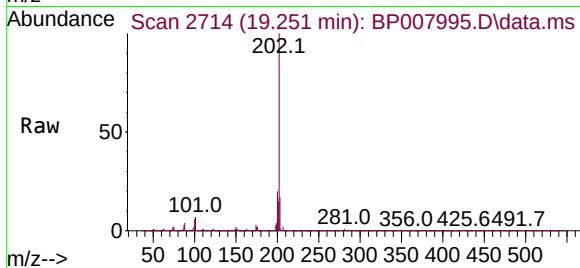
Tgt Ion:202 Resp: 398746

Ion Ratio Lower Upper

202 100

101 7.4 0.0 30.4

203 17.2 0.0 37.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.333 min Scan# 3068

Delta R.T. 0.000 min

Lab File: BP007995.D

Acq: 16 Nov 2021 12:11

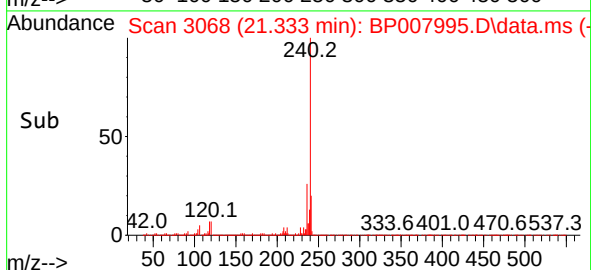
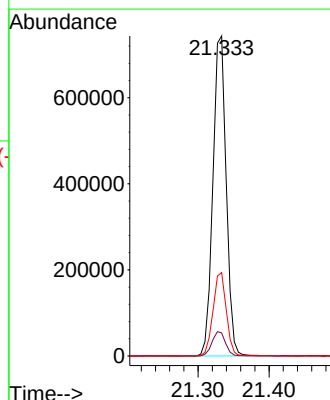
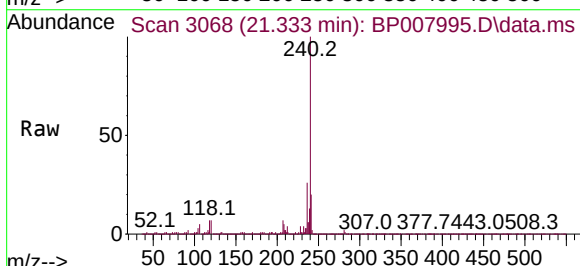
Tgt Ion:240 Resp: 966499

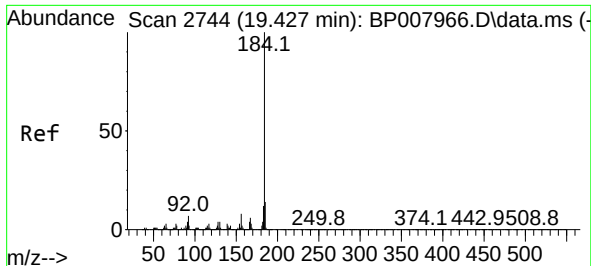
Ion Ratio Lower Upper

240 100

120 7.2 7.8 11.8#

236 26.0 20.6 30.8

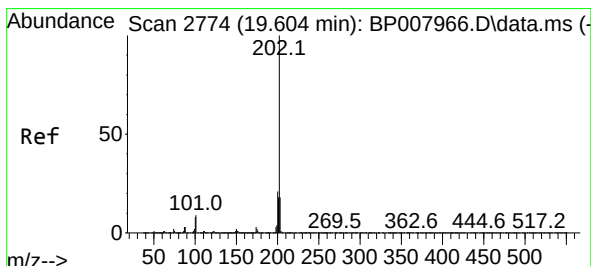
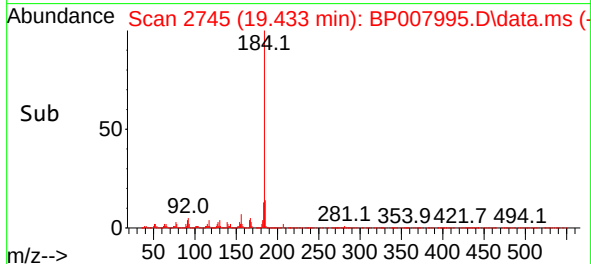
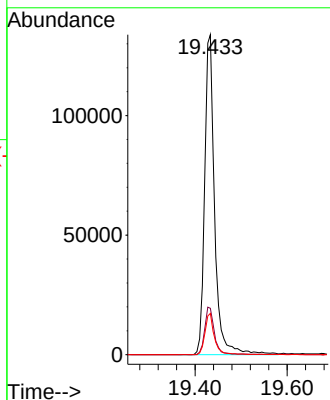
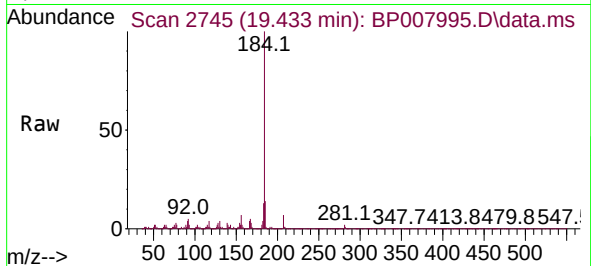




#77
Benzidine
Concen: 13.696 ng
RT: 19.433 min Scan# 2745
Delta R.T. 0.006 min
Lab File: BP007995.D
Acq: 16 Nov 2021 12:11

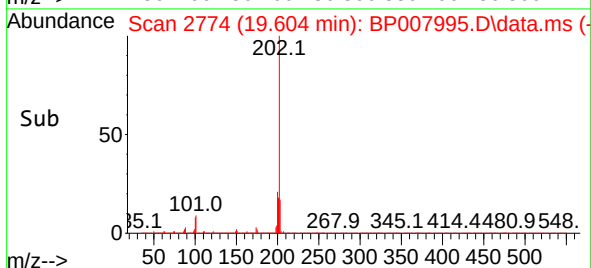
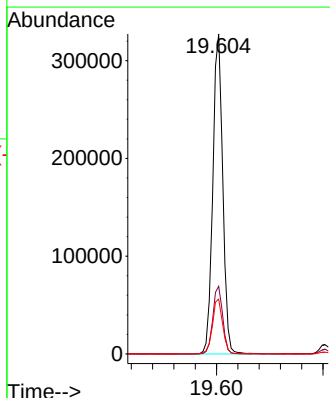
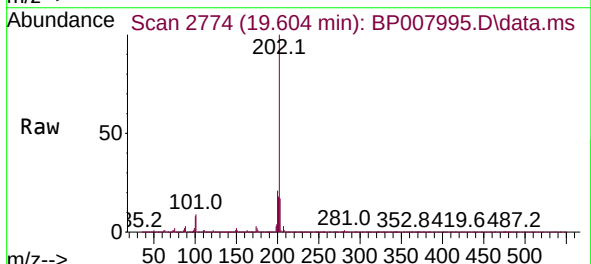
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT4-2021

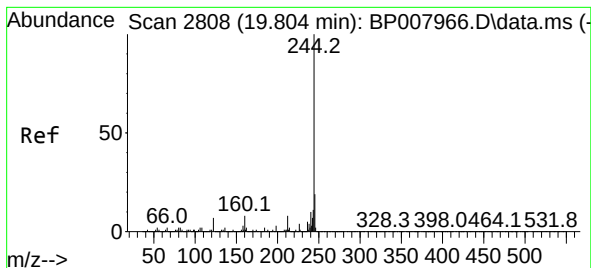
Tgt Ion:184 Resp: 203107
Ion Ratio Lower Upper
184 100
185 14.5 11.2 16.8
183 12.9 9.1 13.7



#78
Pyrene
Concen: 7.339 ng
RT: 19.604 min Scan# 2774
Delta R.T. 0.000 min
Lab File: BP007995.D
Acq: 16 Nov 2021 12:11

Tgt Ion:202 Resp: 424205
Ion Ratio Lower Upper
202 100
200 21.1 16.9 25.3
203 17.2 13.8 20.6





#79

Terphenyl-d14

Concen: 65.379 ng

RT: 19.804 min Scan# 2808

Delta R.T. -0.000 min

Lab File: BP007995.D

Acq: 16 Nov 2021 12:11

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-03-QT4-2021

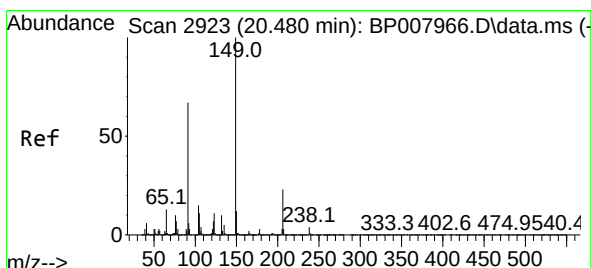
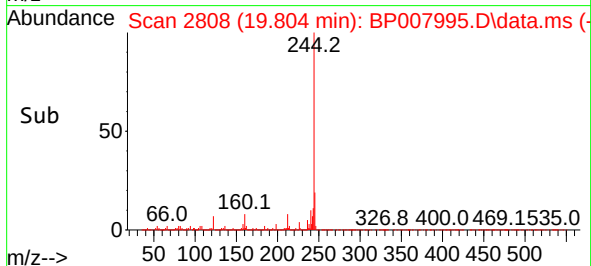
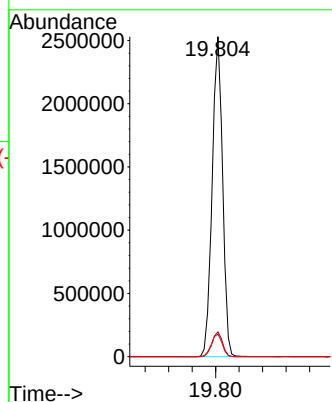
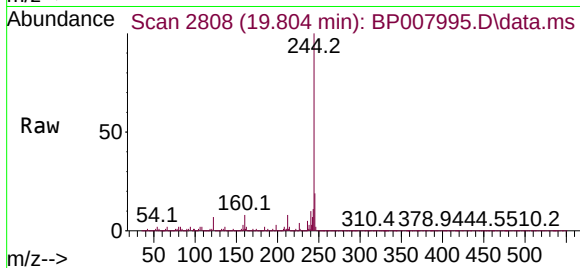
Tgt Ion:244 Resp: 3116273

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.2

122 7.0 7.8 11.8#



#80

Butylbenzylphthalate

Concen: 6.322 ng

RT: 20.480 min Scan# 2923

Delta R.T. 0.000 min

Lab File: BP007995.D

Acq: 16 Nov 2021 12:11

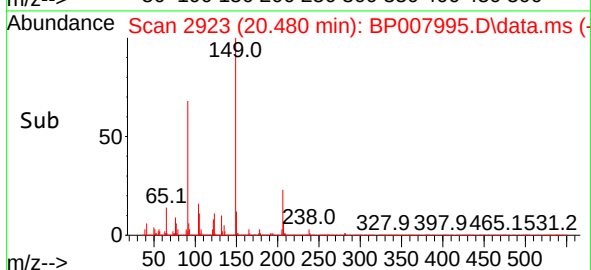
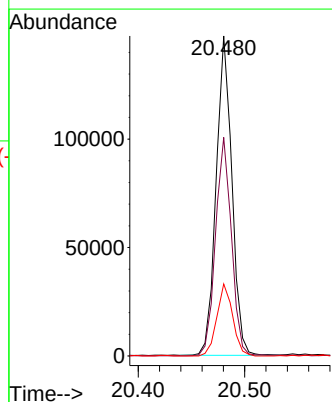
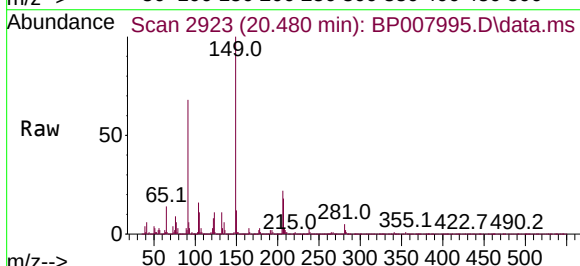
Tgt Ion:149 Resp: 150870

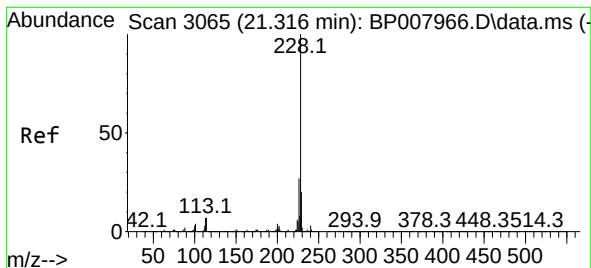
Ion Ratio Lower Upper

149 100

91 68.3 56.6 85.0

206 22.5 17.4 26.2





#81

Benzo(a)anthracene

Concen: 7.338 ng

RT: 21.316 min Scan# 3065

Delta R.T. 0.000 min

Lab File: BP007995.D

Acq: 16 Nov 2021 12:11

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-03-QT4-2021

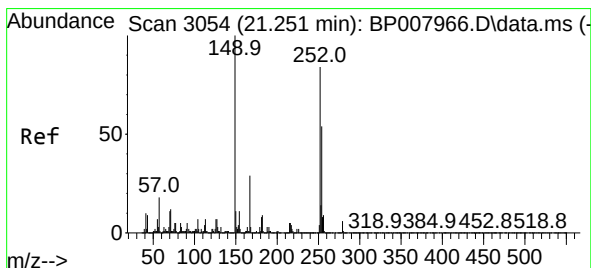
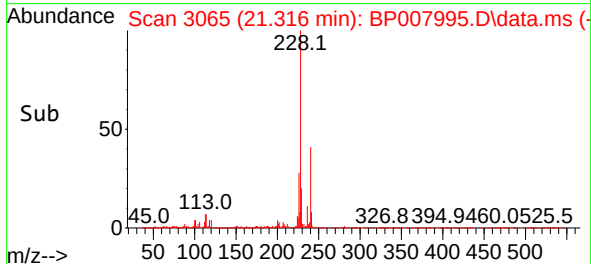
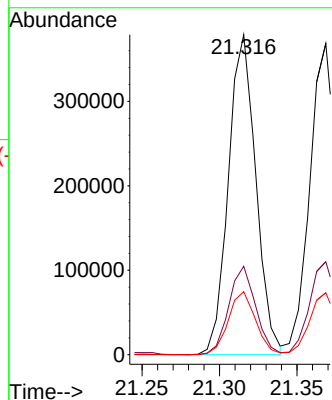
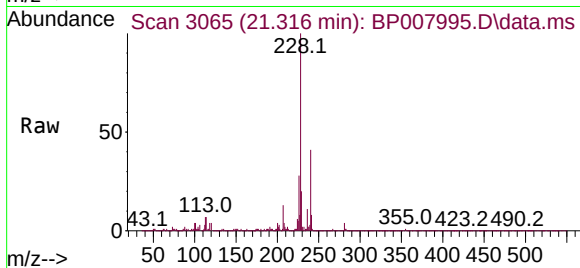
Tgt Ion:228 Resp: 466928

Ion Ratio Lower Upper

228 100

226 27.7 21.8 32.6

229 19.7 15.7 23.5



#82

3,3'-Dichlorobenzidine

Concen: 5.871 ng

RT: 21.251 min Scan# 3054

Delta R.T. 0.000 min

Lab File: BP007995.D

Acq: 16 Nov 2021 12:11

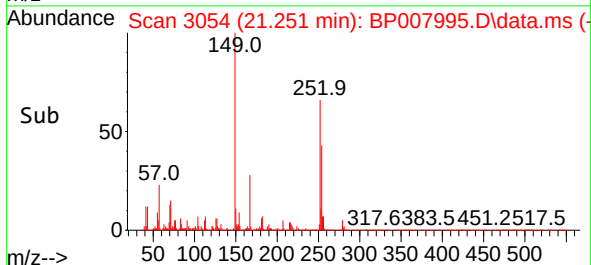
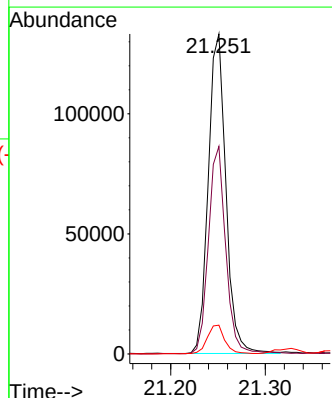
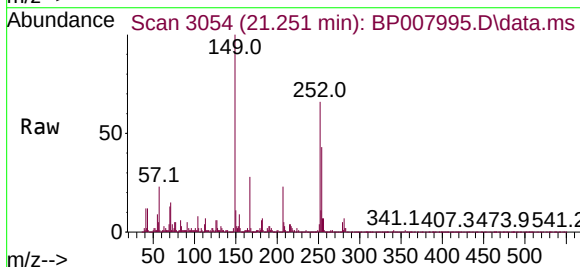
Tgt Ion:252 Resp: 172431

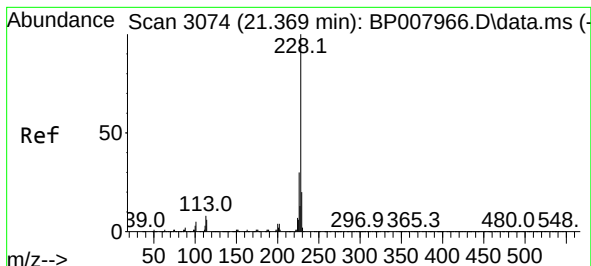
Ion Ratio Lower Upper

252 100

254 64.8 51.5 77.3

126 9.0 8.5 12.7





#83

Chrysene

Concen: 7.602 ng

RT: 21.369 min Scan# 3074

Delta R.T. 0.000 min

Lab File: BP007995.D

Acq: 16 Nov 2021 12:11

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-03-QT4-2021

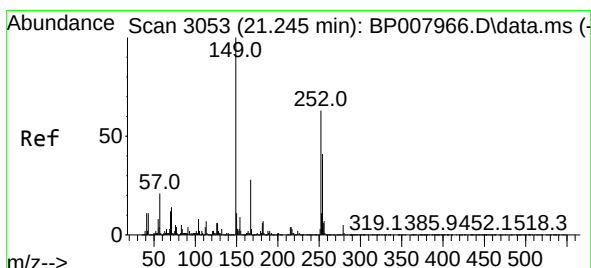
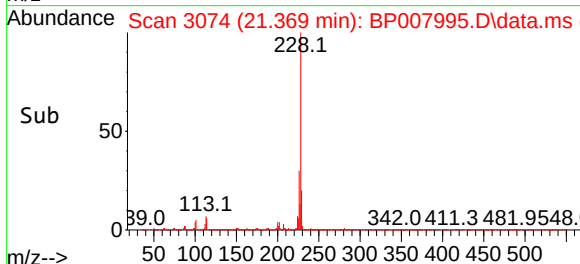
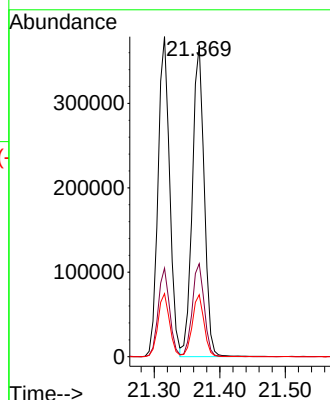
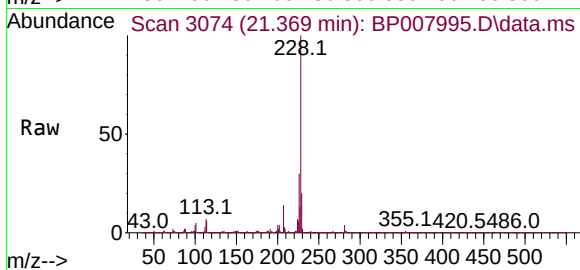
Tgt Ion:228 Resp: 463620

Ion Ratio Lower Upper

228 100

226 29.9 24.6 37.0

229 19.9 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 7.003 ng

RT: 21.245 min Scan# 3053

Delta R.T. 0.000 min

Lab File: BP007995.D

Acq: 16 Nov 2021 12:11

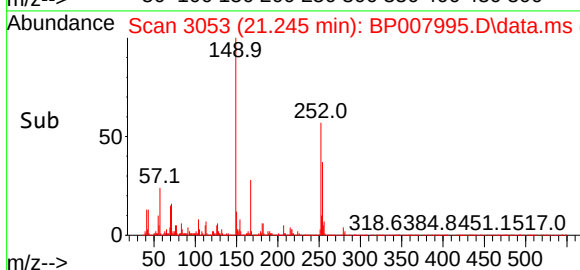
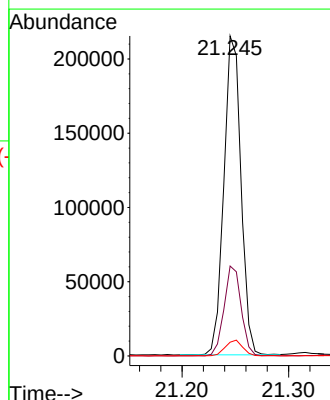
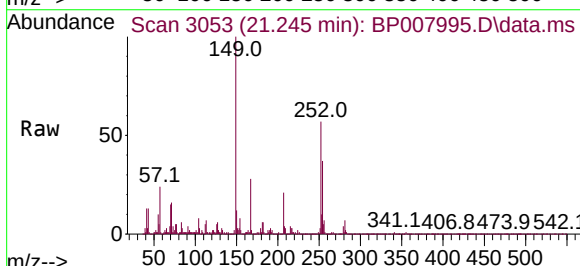
Tgt Ion:149 Resp: 238619

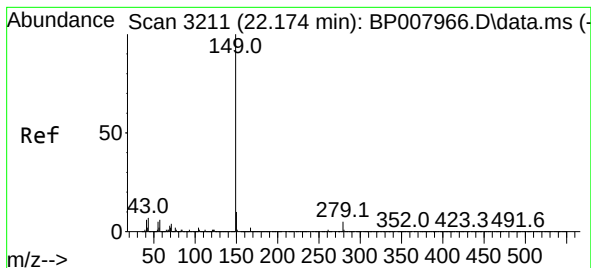
Ion Ratio Lower Upper

149 100

167 28.1 21.6 32.4

279 4.3 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 6.632 ng

RT: 22.174 min Scan# 3211

Delta R.T. 0.000 min

Lab File: BP007995.D

Acq: 16 Nov 2021 12:11

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-03-QT4-2021

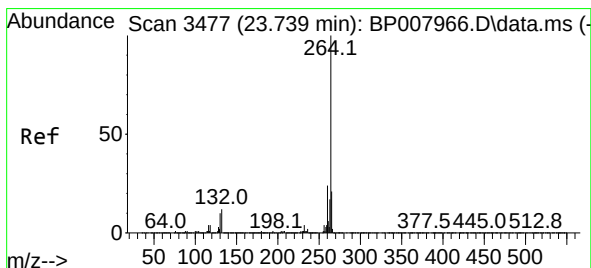
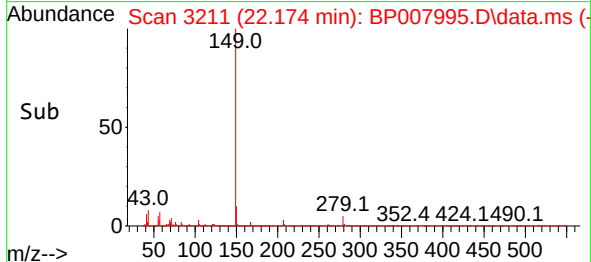
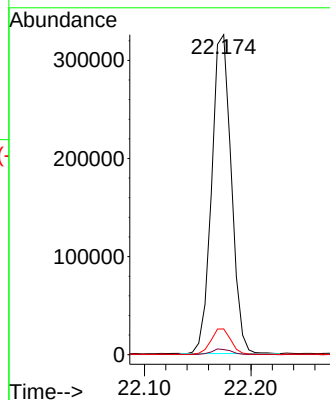
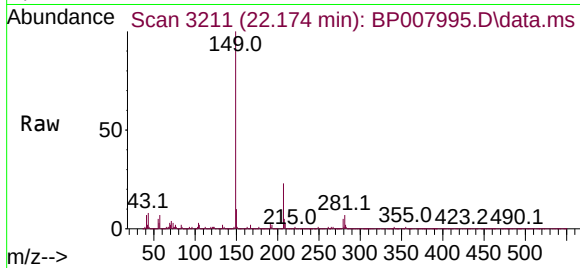
Tgt Ion:149 Resp: 416437

Ion Ratio Lower Upper

149 100

167 1.8 1.3 1.9

43 8.2 7.3 10.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.739 min Scan# 3477

Delta R.T. 0.000 min

Lab File: BP007995.D

Acq: 16 Nov 2021 12:11

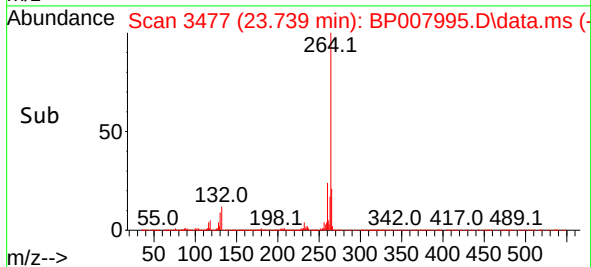
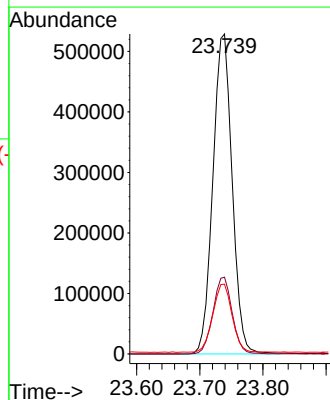
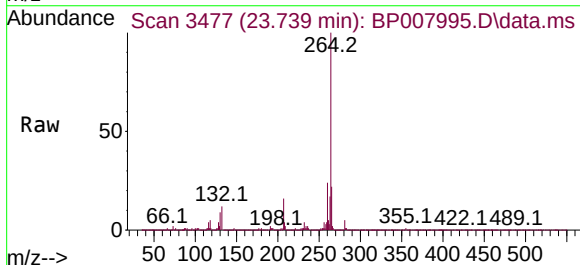
Tgt Ion:264 Resp: 1119719

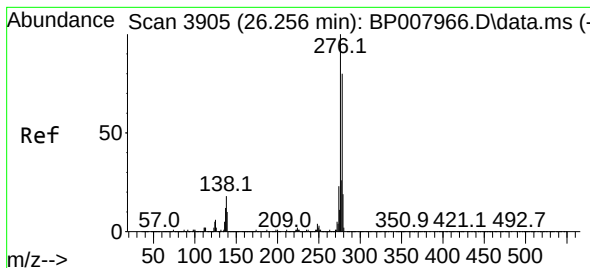
Ion Ratio Lower Upper

264 100

260 24.0 19.1 28.7

265 21.8 16.7 25.1





#87

Indeno(1,2,3-cd)pyrene

Concen: 7.477 ng

RT: 26.239 min Scan# 3905

Delta R.T. -0.018 min

Lab File: BP007995.D

Acq: 16 Nov 2021 12:11

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-03-QT4-2021

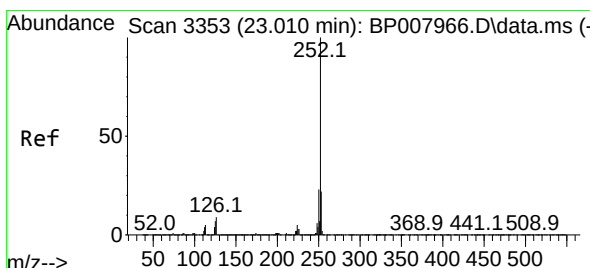
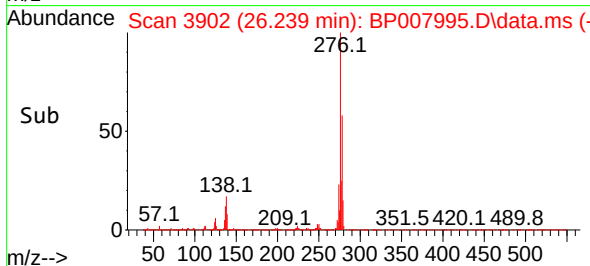
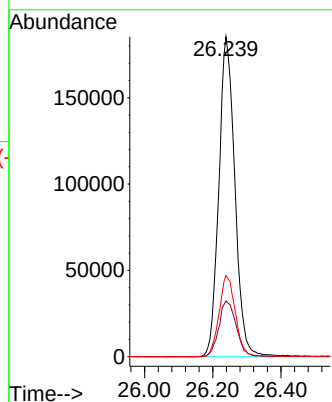
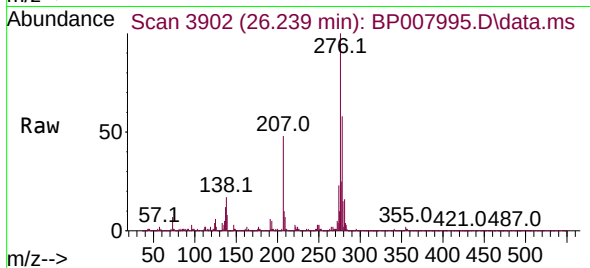
Tgt Ion:276 Resp: 604499

Ion Ratio Lower Upper

276 100

138 18.8 19.4 29.0#

277 25.6 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 7.903 ng

RT: 23.004 min Scan# 3352

Delta R.T. -0.006 min

Lab File: BP007995.D

Acq: 16 Nov 2021 12:11

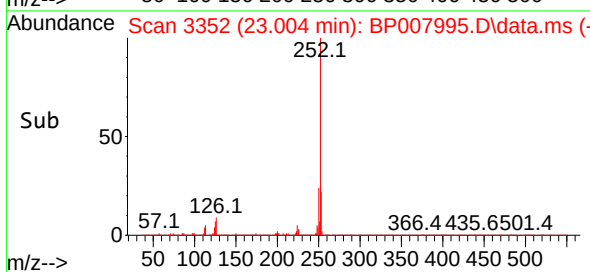
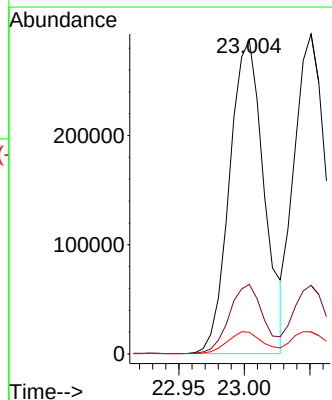
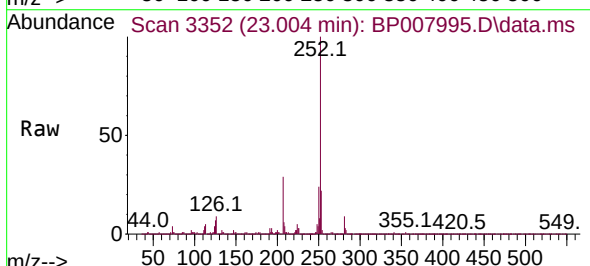
Tgt Ion:252 Resp: 526722

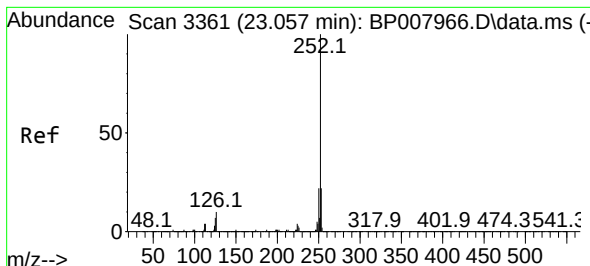
Ion Ratio Lower Upper

252 100

253 22.2 17.4 26.2

125 6.9 7.4 11.0#





#89

Benzo(k)fluoranthene

Concen: 7.467 ng

RT: 23.051 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP007995.D

Acq: 16 Nov 2021 12:11

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-03-QT4-2021

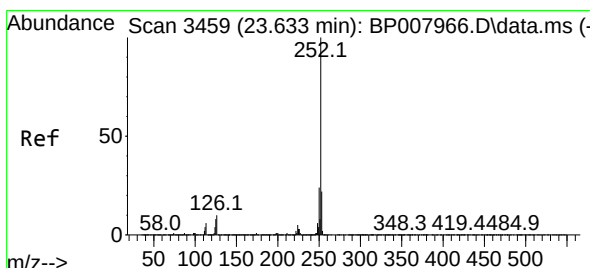
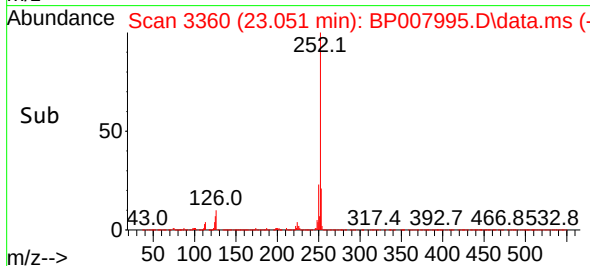
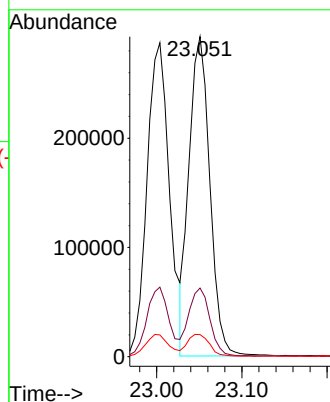
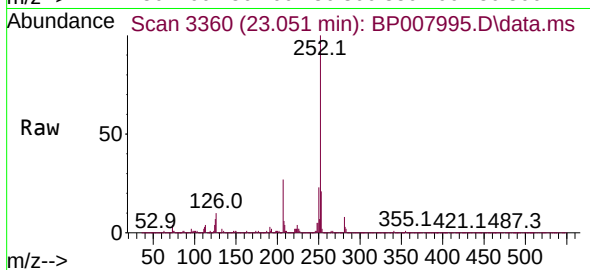
Tgt Ion:252 Resp: 497205

Ion Ratio Lower Upper

252 100

253 21.5 17.6 26.4

125 6.9 7.4 11.0#



#90

Benzo(a)pyrene

Concen: 8.675 ng

RT: 23.627 min Scan# 3458

Delta R.T. -0.006 min

Lab File: BP007995.D

Acq: 16 Nov 2021 12:11

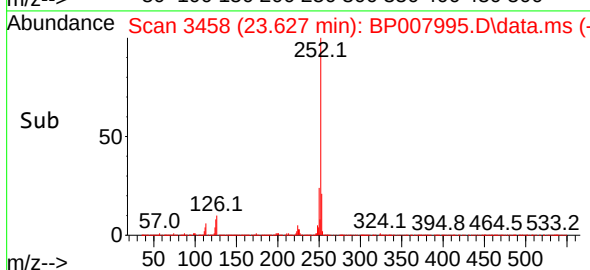
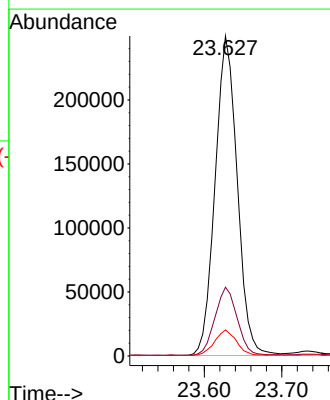
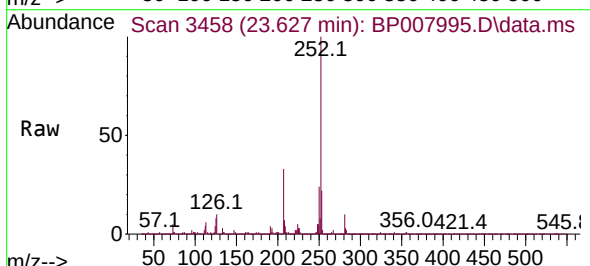
Tgt Ion:252 Resp: 494541

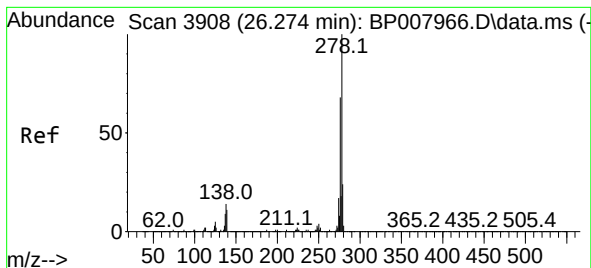
Ion Ratio Lower Upper

252 100

253 21.5 17.6 26.4

125 8.1 8.4 12.6#





#91

Dibenzo(a,h)anthracene

Concen: 7.691 ng

RT: 26.257 min Scan# 3908

Delta R.T. -0.018 min

Lab File: BP007995.D

Acq: 16 Nov 2021 12:11

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-03-QT4-2021

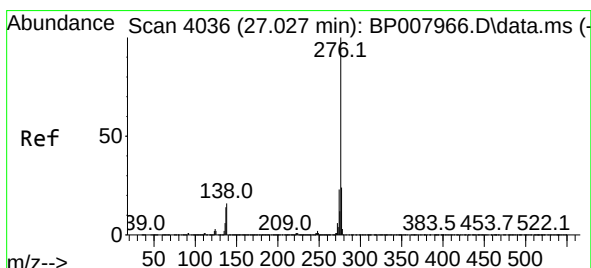
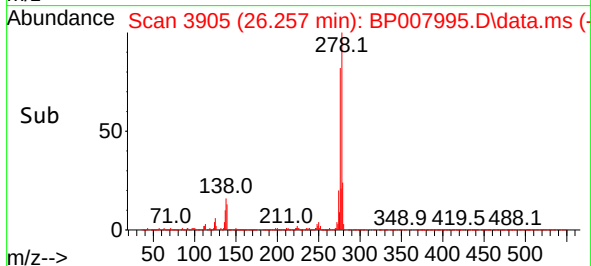
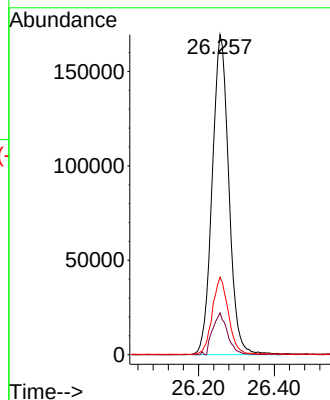
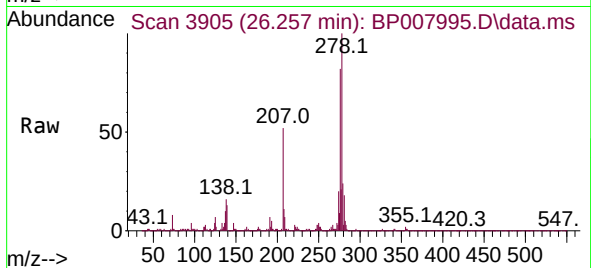
Tgt Ion:278 Resp: 515768

Ion Ratio Lower Upper

278 100

139 13.1 11.8 17.6

279 24.2 18.6 27.8



#92

Benzo(g,h,i)perylene

Concen: 7.735 ng

RT: 27.009 min Scan# 4033

Delta R.T. -0.018 min

Lab File: BP007995.D

Acq: 16 Nov 2021 12:11

Tgt Ion:276 Resp: 511362

Ion Ratio Lower Upper

276 100

277 23.4 19.4 29.0

138 14.9 16.2 24.4#

