

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102020\
 Data File : BP003678.D
 Acq On : 20 Oct 2020 13:31
 Operator : CG/JU
 Sample : L4214-02
 Misc : LOQ-SOIL 5PPM
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 LOQ-SOIL-02-QT4-2020

Quant Time: Oct 20 14:01:22 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP101920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 20 12:55:54 2020
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.528	152	119995	20.00	ng	0.00
21) Naphthalene-d8	11.369	136	422924	20.00	ng	# 0.00
39) Acenaphthene-d10	15.122	164	280300	20.00	ng	0.00
64) Phenanthrene-d10	17.839	188	626946	20.00	ng	0.00
76) Chrysene-d12	21.845	240	644344	20.00	ng	# 0.00
86) Perylene-d12	24.416	264	596577	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.022	112	1015026	141.45	ng	0.00
7) Phenol-d6	7.675	99	1353608	133.51	ng	0.00
23) Nitrobenzene-d5	9.693	82	936352	93.66	ng	0.00
42) 2,4,6-Tribromophenol	16.592	330	622151	142.27	ng	0.00
45) 2-Fluorobiphenyl	13.751	172	2157872	99.52	ng	0.00
79) Terphenyl-d14	20.304	244	3577444	97.65	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.687	88	15383	5.02	ng	# 92
3) Pyridine	4.134	79	40382	4.66	ng	# 88
4) n-Nitrosodimethylamine	4.022	42	17206	4.65	ng	# 62
6) Aniline	7.822	93	57090	5.07	ng	# 86
8) 2-Chlorophenol	8.093	128	33771	4.73	ng	# 83
9) Benzaldehyde	7.622	77	33309	6.23	ng	# 77
10) Phenol	7.699	94	46140	4.78	ng	# 75
11) bis(2-Chloroethyl)ether	7.905	93	36015	4.70	ng	# 86
12) 1,3-Dichlorobenzene	8.422	146	40437	4.39	ng	# 86
13) 1,4-Dichlorobenzene	8.563	146	41333	4.44	ng	# 95
14) 1,2-Dichlorobenzene	8.899	146	39879	4.52	ng	# 95
15) Benzyl Alcohol	8.752	79	34275	4.42	ng	# 82
16) 2,2'-oxybis(1-Chloropr...	9.052	45	34665	4.57	ng	# 96
17) 2-Methylphenol	8.969	107	28764	4.50	ng	# 90
18) Hexachloroethane	9.652	117	15481	4.32	ng	# 95
19) n-Nitroso-di-n-propyla...	9.322	70	27442	4.43	ng	# 85
20) 3+4-Methylphenols	9.299	107	38952	4.52	ng	# 90
22) Acetophenone	9.346	105	56669	4.58	ng	# 85
24) Nitrobenzene	9.734	77	49297	5.12	ng	# 77
25) Isophorone	10.257	82	73534	4.56	ng	# 86
26) 2-Nitrophenol	10.463	139	14566	4.05	ng	# 56
27) 2,4-Dimethylphenol	10.516	122	29715	5.26	ng	# 85
28) bis(2-Chloroethoxy)met...	10.728	93	46587	4.53	ng	# 95
29) 2,4-Dichlorophenol	11.010	162	32359	4.37	ng	# 94
30) 1,2,4-Trichlorobenzene	11.234	180	41604	4.38	ng	# 93
31) Naphthalene	11.416	128	106930	4.69	ng	# 98
32) Benzoic acid	10.587	122	5458	1.63	ng	# 80
33) 4-Chloroaniline	11.504	127	41964	4.47	ng	# 85
34) Hexachlorobutadiene	11.734	225	30814	4.30	ng	# 99
35) Caprolactam	12.193	113	8530	3.93	ng	# 75
36) 4-Chloro-3-methylphenol	12.598	107	33602	4.18	ng	# 88
37) 2-Methylnaphthalene	12.987	142	75740	4.58	ng	# 94
38) 1-Methylnaphthalene	13.198	142	71311	4.56	ng	# 97
40) 1,2,4,5-Tetrachloroben...	13.357	216	53248	4.80	ng	# 95
41) Hexachlorocyclopentadiene	13.351	237	32990	5.13	ng	# 99
43) 2,4,6-Trichlorophenol	13.575	196	25923	3.92	ng	# 93

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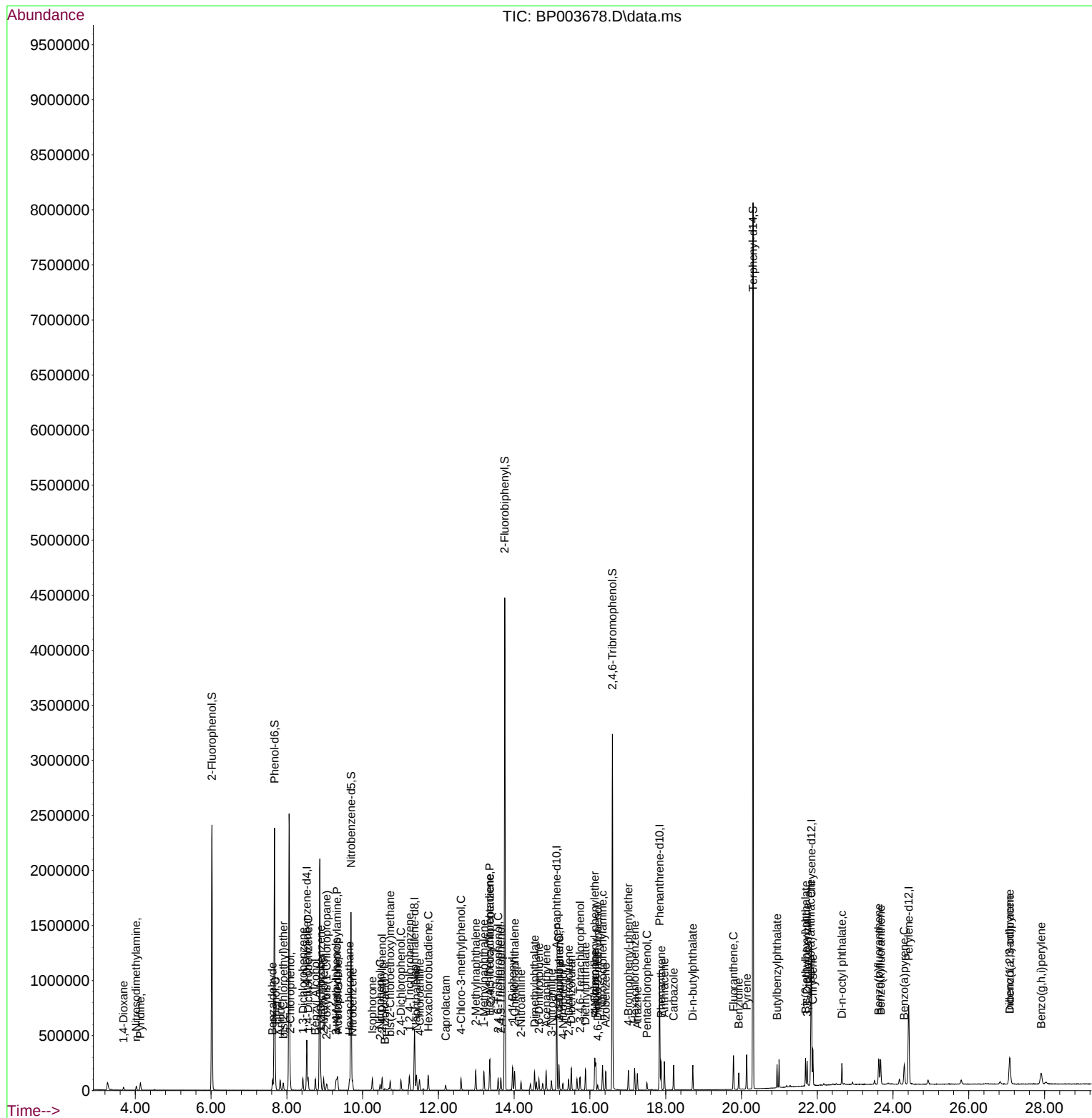
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.645	196	28536	4.16	ng	# 96
46) 1,1'-Biphenyl	13.957	154	103117	4.72	ng	96
47) 2-Chloronaphthalene	14.010	162	80563	4.41	ng	97
48) 2-Nitroaniline	14.181	65	19683	3.65	ng	# 55
49) Acenaphthylene	14.845	152	114600	4.39	ng	98
50) Dimethylphthalate	14.540	163	98763	4.29	ng	99
51) 2,6-Dinitrotoluene	14.651	165	20088	4.29	ng	# 63
52) Acenaphthene	15.181	154	76420	4.34	ng	97
53) 3-Nitroaniline	14.987	138	17885	3.89	ng	# 61
54) 2,4-Dinitrophenol	15.187	184	4977	2.32	ng	# 1
55) Dibenzofuran	15.510	168	122665	4.61	ng	99
56) 4-Nitrophenol	15.287	139	12544	3.65	ng	# 55
57) 2,4-Dinitrotoluene	15.440	165	24640	3.89	ng	# 70
58) Fluorene	16.151	166	99322	4.62	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.739	232	25159	3.82	ng	93
60) Diethylphthalate	15.881	149	96847	4.29	ng	98
61) 4-Chlorophenyl-phenyle...	16.128	204	57614	4.44	ng	95
62) 4-Nitroaniline	16.134	138	18363	3.60	ng	# 62
63) Azobenzene	16.416	77	93177	4.39	ng	84
65) 4,6-Dinitro-2-methylph...	16.204	198	10401	3.15	ng	92
66) n-Nitrosodiphenylamine	16.334	169	83738	4.49	ng	97
67) 4-Bromophenyl-phenylether	17.016	248	36183	4.31	ng	98
68) Hexachlorobenzene	17.181	284	42492	4.40	ng	98
69) Atrazine	17.251	200	28192	3.87	ng	98
70) Pentachlorophenol	17.504	266	13870	2.91	ng	93
71) Phenanthrene	17.881	178	158506	4.55	ng	96
72) Anthracene	17.963	178	153739	4.57	ng	99
73) Carbazole	18.210	167	133413	4.46	ng	99
74) Di-n-butylphthalate	18.716	149	140366	3.84	ng	# 97
75) Fluoranthene	19.786	202	186465	4.36	ng	97
77) Benzidine	19.927	184	74859	4.85	ng	98
78) Pyrene	20.139	202	193864	4.49	ng	99
80) Butylbenzylphthalate	20.939	149	52852	3.34	ng	# 77
81) Benzo(a)anthracene	21.827	228	189325	4.41	ng	99
82) 3,3'-Dichlorobenzidine	21.733	252	66661	4.43	ng	# 96
83) Chrysene	21.880	228	187070	4.59	ng	98
84) Bis(2-ethylhexyl)phtha...	21.692	149	80119	3.54	ng	# 99
85) Di-n-octyl phthalate	22.651	149	126703	3.45	ng	# 92
87) Indeno(1,2,3-cd)pyrene	27.080	276	177933	4.16	ng	# 92
88) Benzo(b)fluoranthene	23.621	252	178307	4.28	ng	# 96
89) Benzo(k)fluoranthene	23.674	252	181025	4.56	ng	# 95
90) Benzo(a)pyrene	24.298	252	153410	4.13	ng	# 95
91) Dibenzo(a,h)anthracene	27.080	278	149323	4.17	ng	# 96
92) Benzo(g,h,i)perylene	27.909	276	144042	4.34	ng	# 91

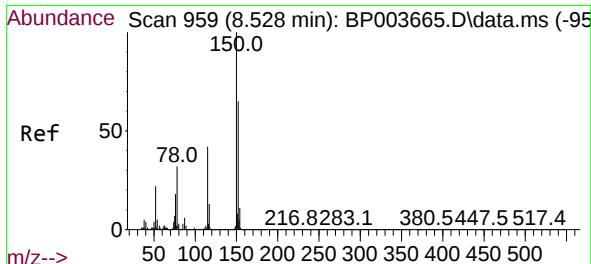
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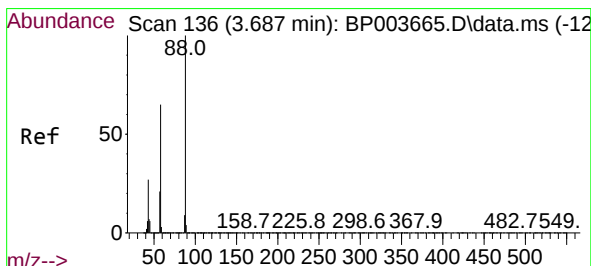
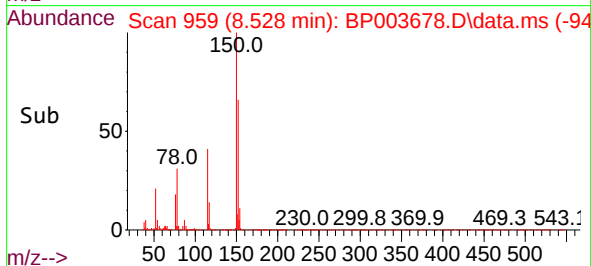
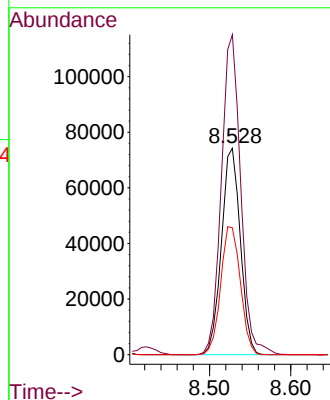
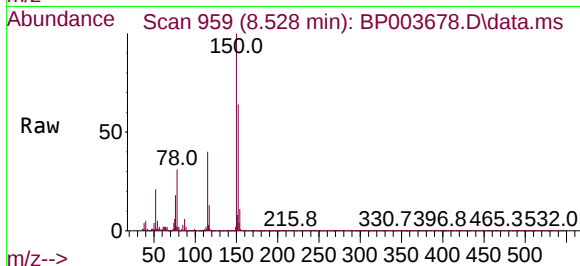




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.528 min Scan# 959
Delta R.T. 0.000 min
Lab File: BP003678.D
Acq: 20 Oct 2020 13:31

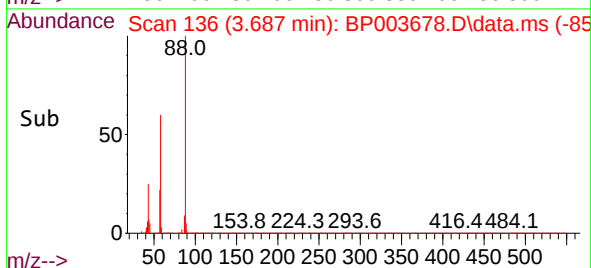
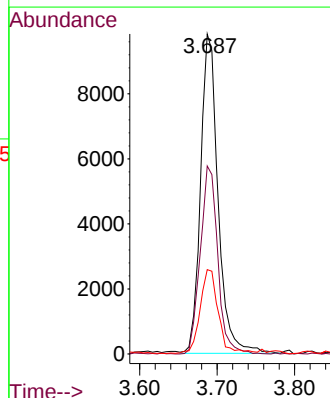
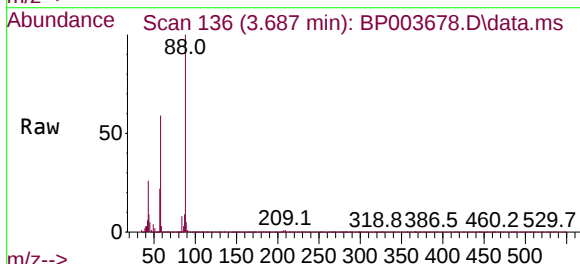
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2020

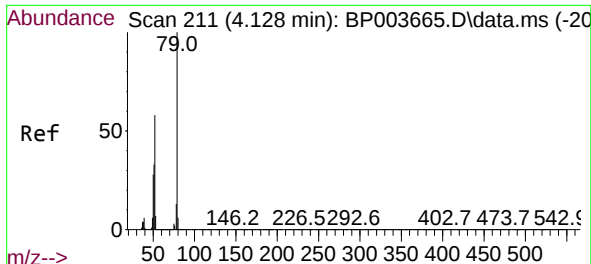
Tgt Ion:152 Resp: 119995
Ion Ratio Lower Upper
152 100
150 155.1 123.8 185.6
115 61.5 43.8 65.6



#2
1,4-Dioxane
Concen: 5.02 ng
RT: 3.687 min Scan# 136
Delta R.T. 0.000 min
Lab File: BP003678.D
Acq: 20 Oct 2020 13:31

Tgt Ion: 88 Resp: 15383
Ion Ratio Lower Upper
88 100
58 58.9 44.2 66.4
43 27.1 15.2 22.8#

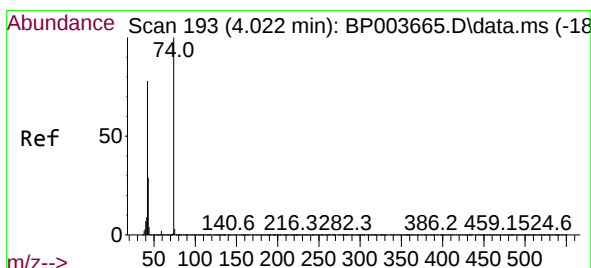
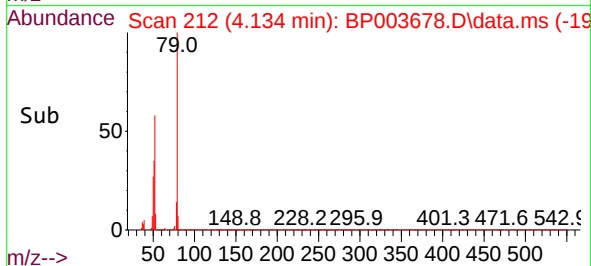
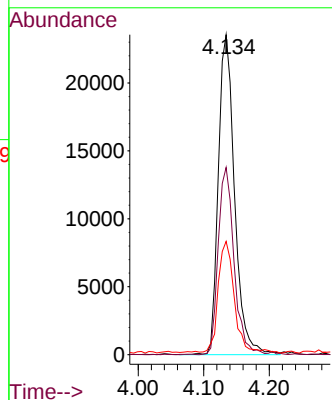
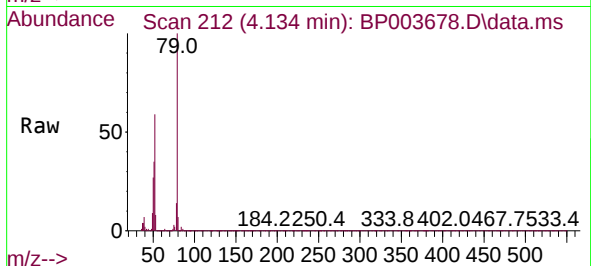




#3
Pyridine
Concen: 4.66 ng
RT: 4.134 min Scan# 212
Delta R.T. 0.006 min
Lab File: BP003678.D
Acq: 20 Oct 2020 13:31

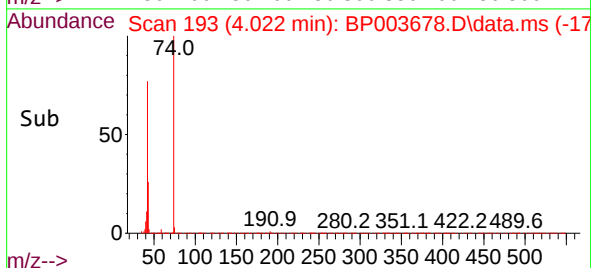
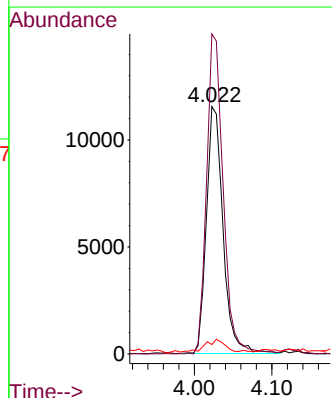
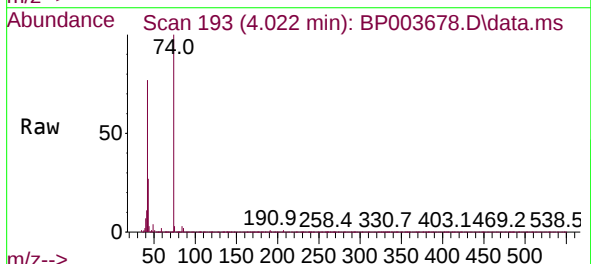
Instrument :
BNA_P
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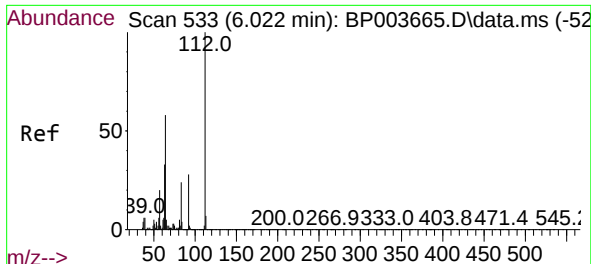
Tgt Ion: 79 Resp: 40382
Ion Ratio Lower Upper
79 100
52 58.5 41.3 61.9
51 35.4 21.2 31.8#



#4
n-Nitrosodimethylamine
Concen: 4.65 ng
RT: 4.022 min Scan# 193
Delta R.T. 0.000 min
Lab File: BP003678.D
Acq: 20 Oct 2020 13:31

Tgt Ion: 42 Resp: 17206
Ion Ratio Lower Upper
42 100
74 129.4 148.6 223.0#
44 3.8 5.3 7.9#

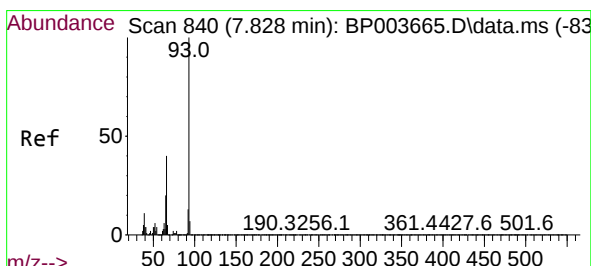
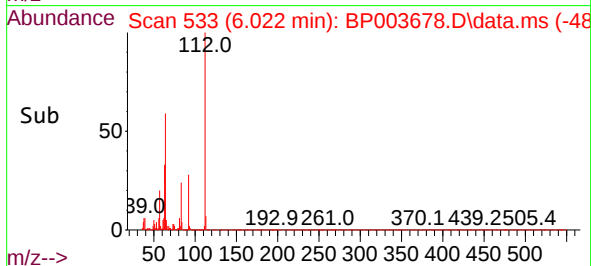
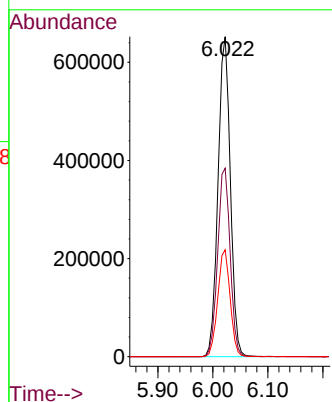
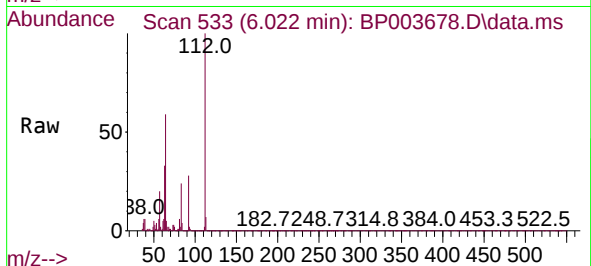




#5
2-Fluorophenol
Concen: 141.45 ng
RT: 6.022 min Scan# 533
Delta R.T. 0.000 min
Lab File: BP003678.D
Acq: 20 Oct 2020 13:31

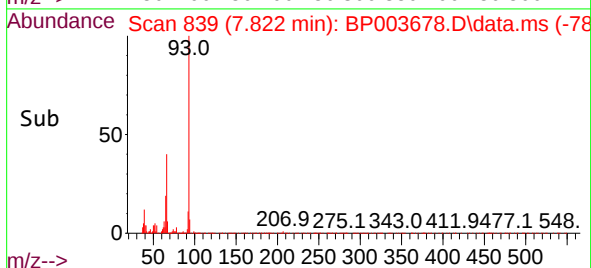
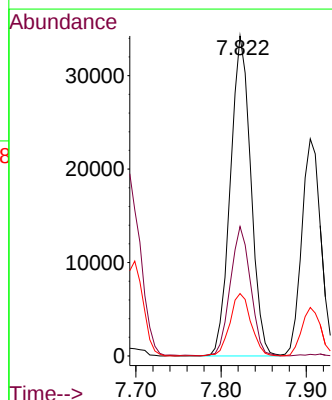
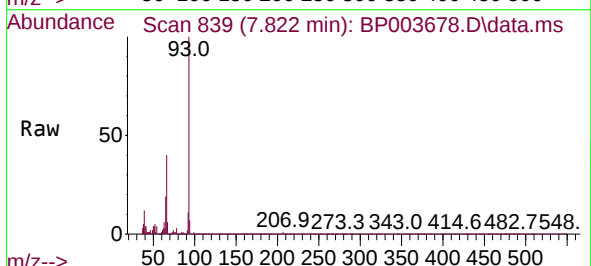
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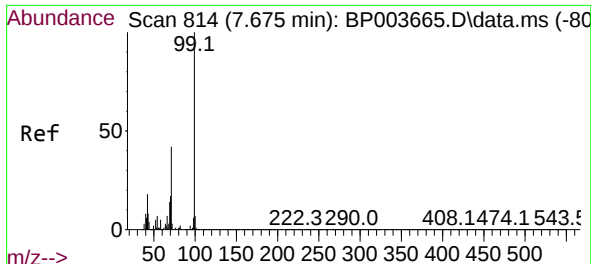
Tgt Ion:112 Resp: 1015026
Ion Ratio Lower Upper
112 100
64 58.9 32.8 49.2#
63 33.4 17.0 25.4#



#6
Aniline
Concen: 5.07 ng
RT: 7.822 min Scan# 839
Delta R.T. -0.006 min
Lab File: BP003678.D
Acq: 20 Oct 2020 13:31

Tgt Ion: 93 Resp: 57090
Ion Ratio Lower Upper
93 100
66 40.5 25.4 38.0#
65 19.5 12.5 18.7#

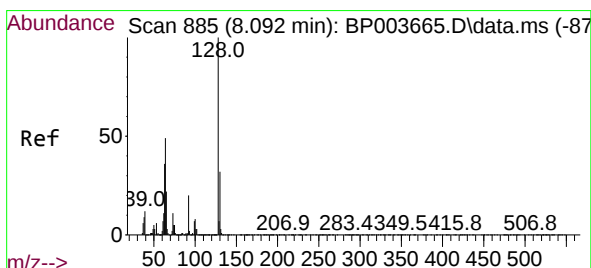
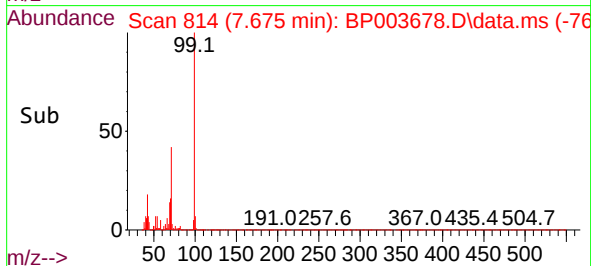
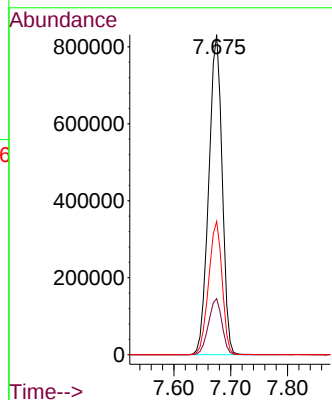
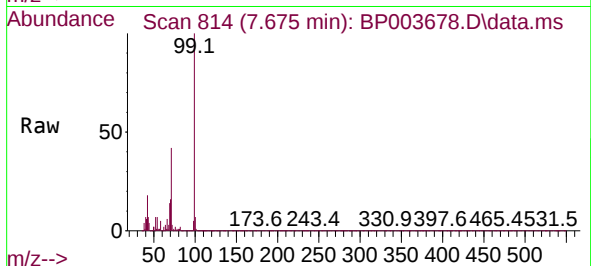




#7
Phenol-d6
Concen: 133.51 ng
RT: 7.675 min Scan# 814
Delta R.T. 0.000 min
Lab File: BP003678.D
Acq: 20 Oct 2020 13:31

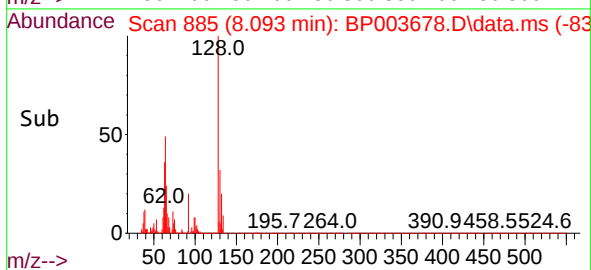
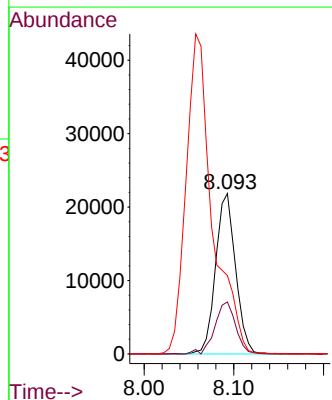
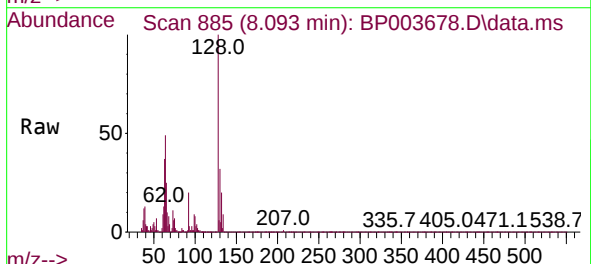
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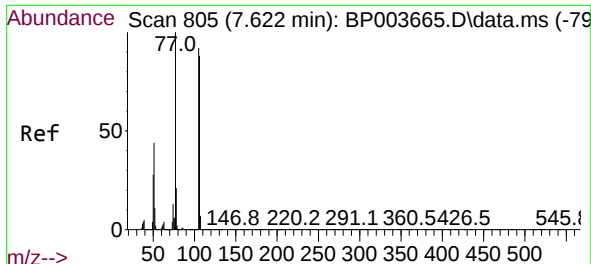
Tgt Ion: 99 Resp: 1353608
Ion Ratio Lower Upper
99 100
42 17.5 8.6 13.0#
71 41.7 23.4 35.2#



#8
2-Chlorophenol
Concen: 4.73 ng
RT: 8.093 min Scan# 885
Delta R.T. 0.000 min
Lab File: BP003678.D
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Tgt Ion: 128 Resp: 33771
Ion Ratio Lower Upper
128 100
130 32.5 13.0 53.0
64 48.9 10.4 50.4

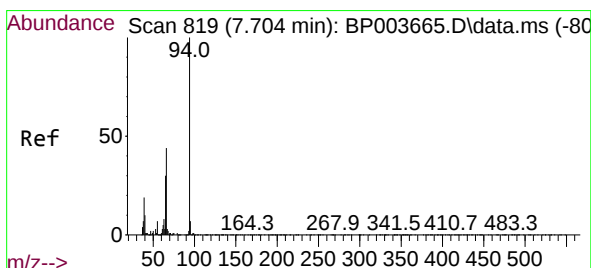
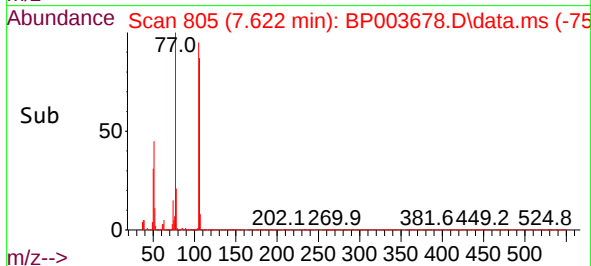
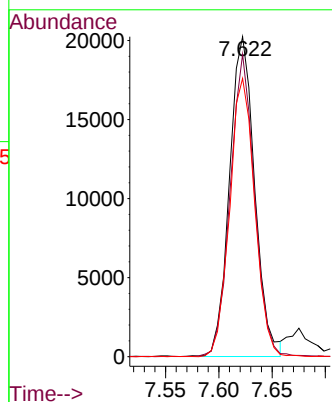
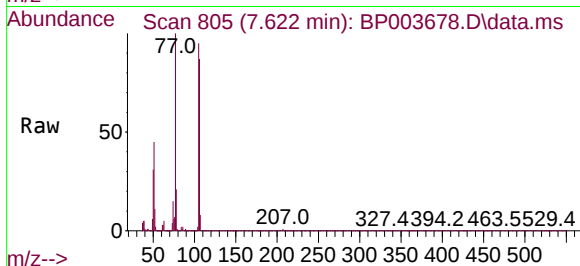




#9
Benzaldehyde
Concen: 6.23 ng
RT: 7.622 min Scan# 805
Delta R.T. 0.000 min
Lab File: BP003678.D
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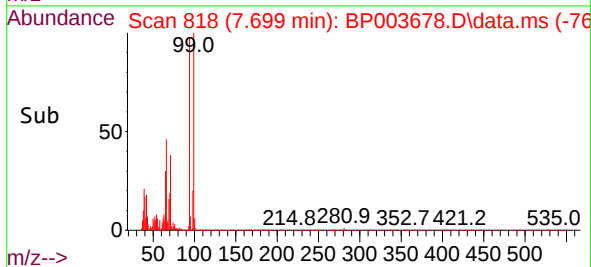
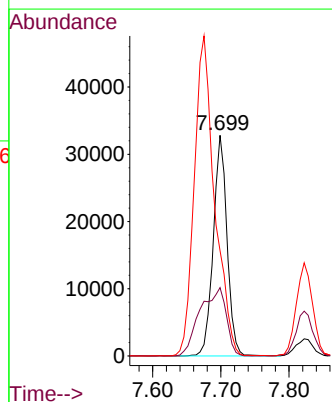
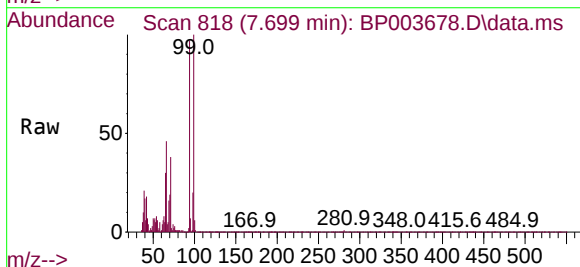
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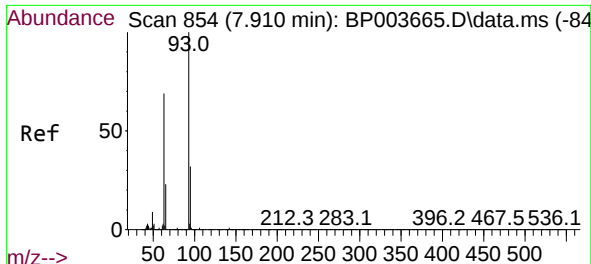
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Ion Ratio Lower Upper
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105 94.5 97.1 137.1#
106 87.0 93.7 133.7#



#10
Phenol
Concen: 4.78 ng
RT: 7.699 min Scan# 818
Delta R.T. -0.006 min
Lab File: BP003678.D
Acq: 20 Oct 2020 13:31

Tgt Ion: 94 Resp: 46140
Ion Ratio Lower Upper
94 100
65 30.9 2.3 42.3
66 47.7 10.9 50.9

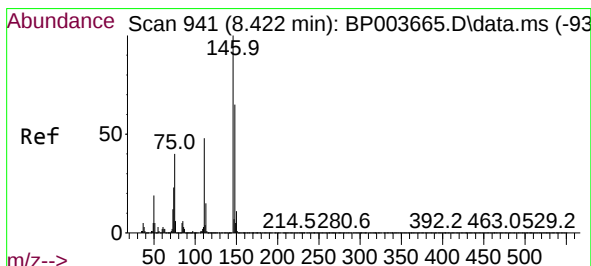
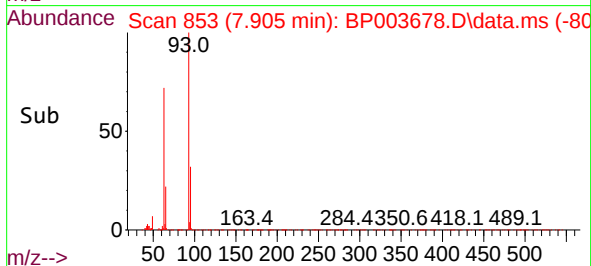
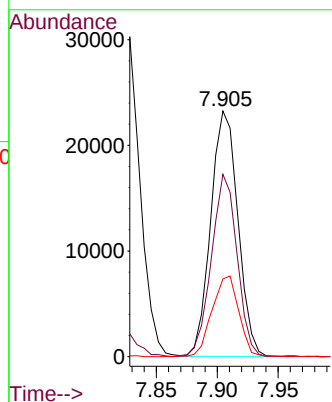
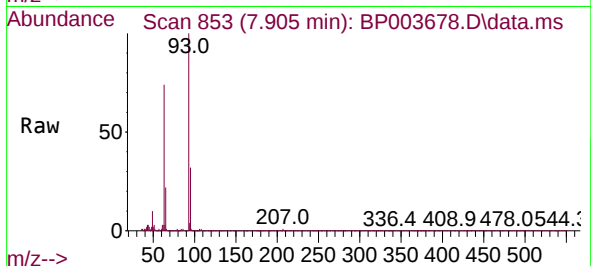




#11
bis(2-Chloroethyl)ether
Concen: 4.70 ng
RT: 7.905 min Scan# 853
Delta R.T. -0.006 min
Lab File: BP003678.D
Acq: 20 Oct 2020 13:31

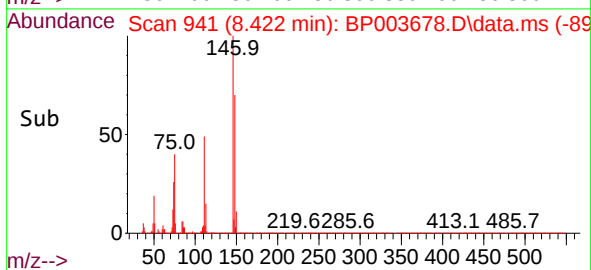
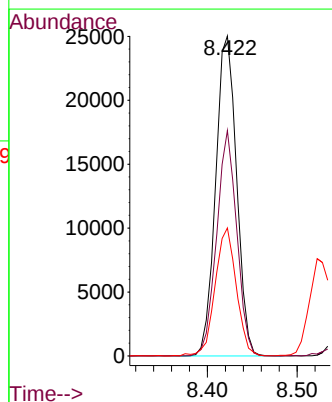
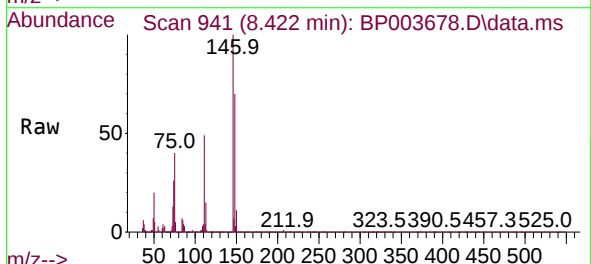
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2020

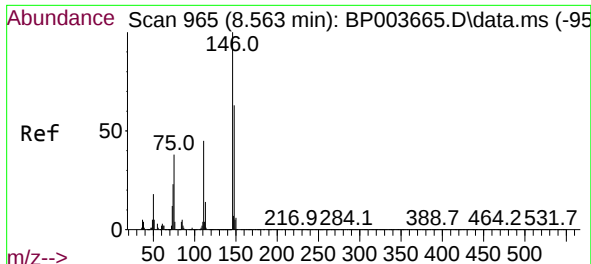
Tgt Ion: 93 Resp: 36015
Ion Ratio Lower Upper
93 100
63 74.3 39.0 79.0
95 31.7 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 4.39 ng
RT: 8.422 min Scan# 941
Delta R.T. 0.000 min
Lab File: BP003678.D
Acq: 20 Oct 2020 13:31

Tgt Ion: 146 Resp: 40437
Ion Ratio Lower Upper
146 100
148 70.4 52.5 78.7
75 40.0 18.1 27.1#

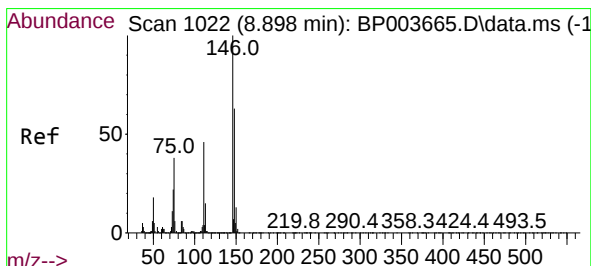
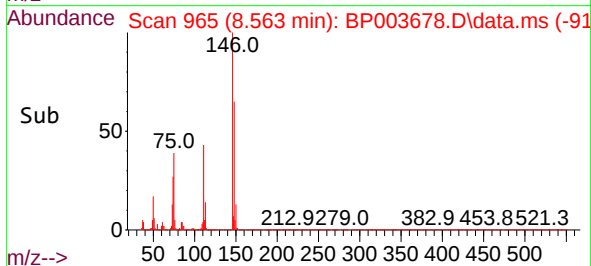
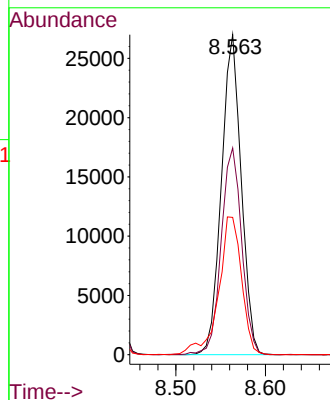
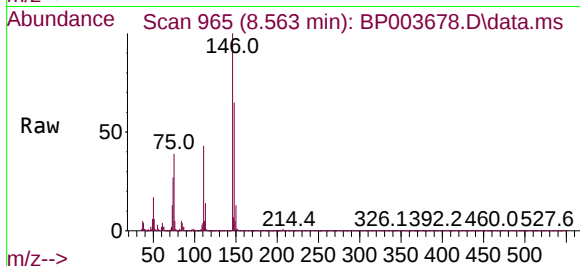




#13
1,4-Dichlorobenzene
Concen: 4.44 ng
RT: 8.563 min Scan# 965
Delta R.T. 0.000 min
Lab File: BP003678.D
Acq: 20 Oct 2020 13:31

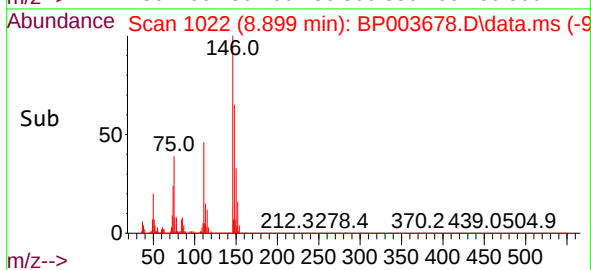
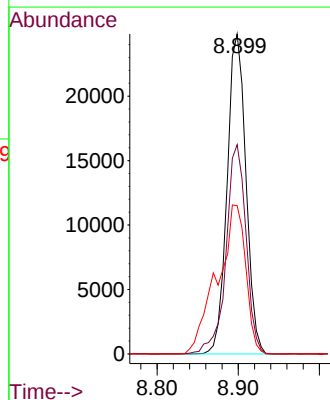
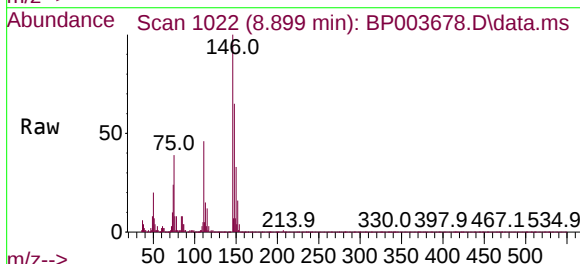
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2020

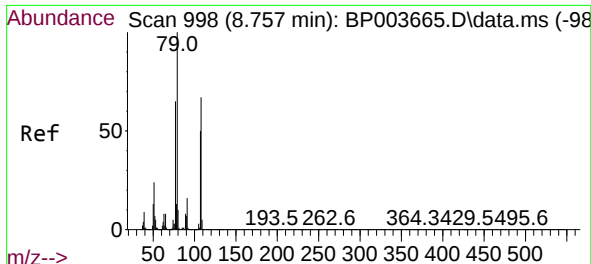
Tgt Ion:146 Resp: 41333
Ion Ratio Lower Upper
146 100
148 64.6 51.3 76.9
111 42.9 28.9 43.3



#14
1,2-Dichlorobenzene
Concen: 4.52 ng
RT: 8.899 min Scan# 1022
Delta R.T. 0.000 min
Lab File: BP003678.D
Acq: 20 Oct 2020 13:31

Tgt Ion:146 Resp: 39879
Ion Ratio Lower Upper
146 100
148 65.4 51.6 77.4
111 46.3 31.0 46.6

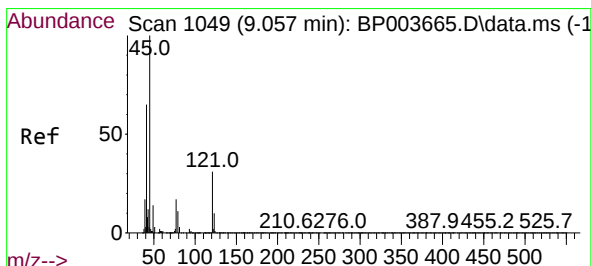
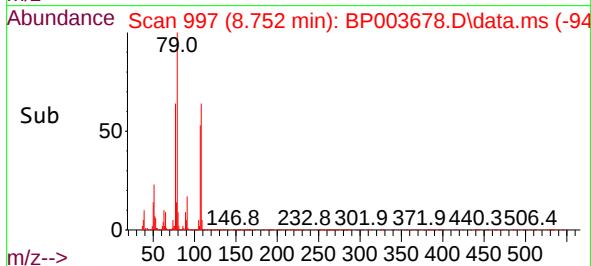
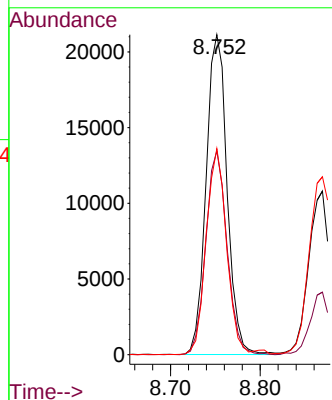
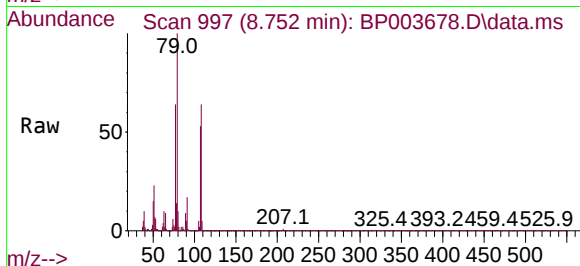




#15
Benzyl Alcohol
Concen: 4.42 ng
RT: 8.752 min Scan# 997
Delta R.T. -0.006 min
Lab File: BP003678.D
Acq: 20 Oct 2020 13:31

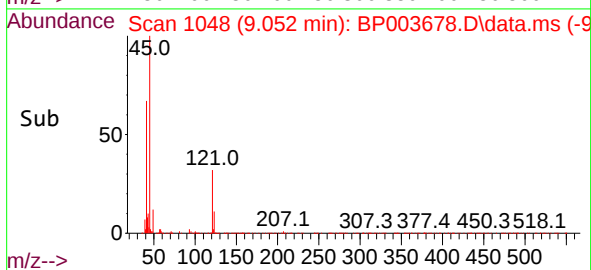
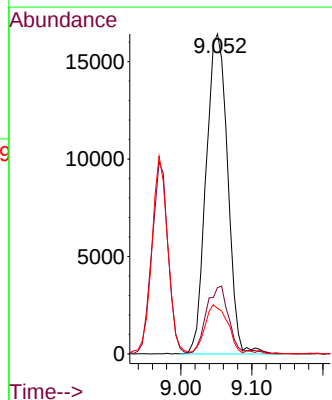
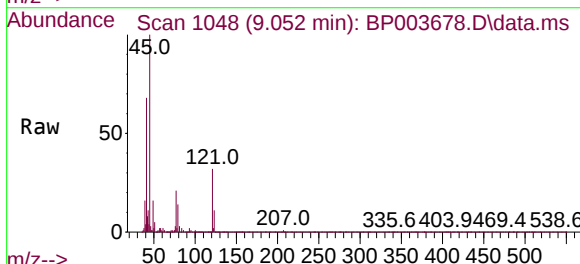
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2020

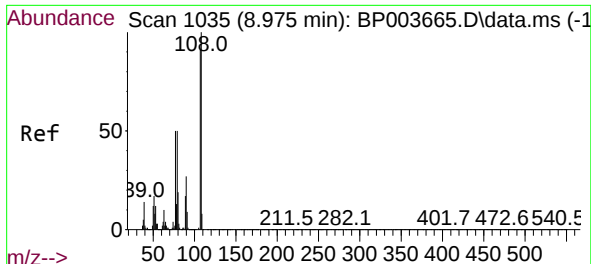
Tgt Ion: 79 Resp: 34275
Ion Ratio Lower Upper
79 100
108 63.7 73.5 110.3#
77 64.4 50.3 75.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 4.57 ng
RT: 9.052 min Scan# 1048
Delta R.T. -0.006 min
Lab File: BP003678.D
Acq: 20 Oct 2020 13:31

Tgt Ion: 45 Resp: 34665
Ion Ratio Lower Upper
45 100
77 20.8 2.3 42.3
79 14.3 0.0 36.6

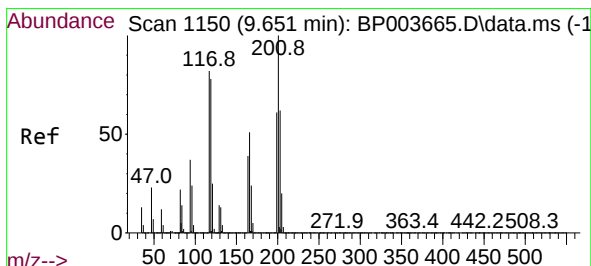
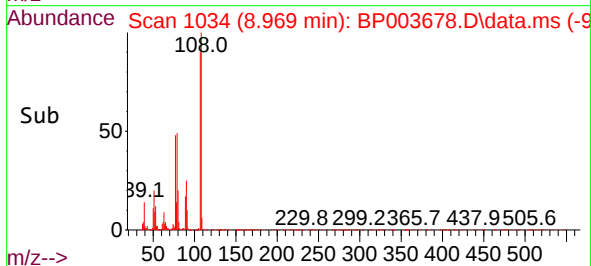
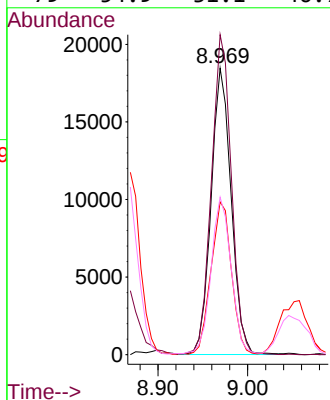
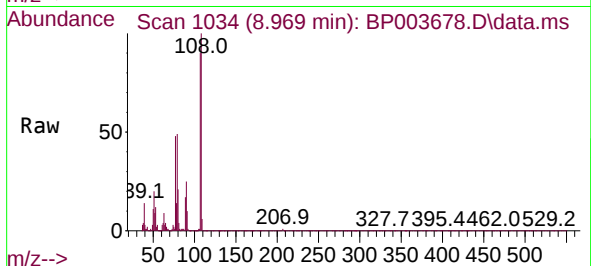




#17
2-Methylphenol
Concen: 4.50 ng
RT: 8.969 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BP003678.D
Acq: 20 Oct 2020 13:31

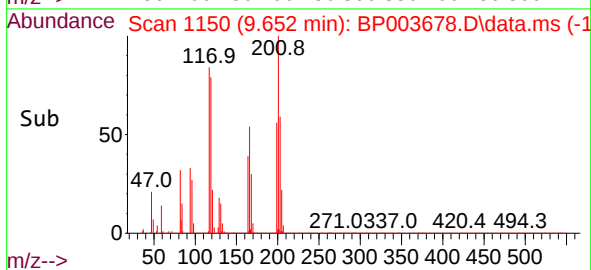
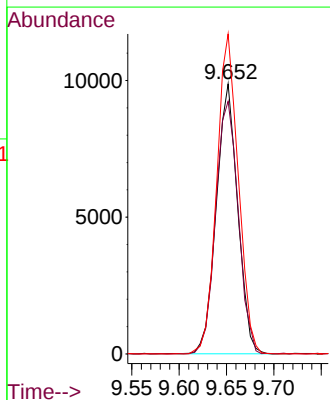
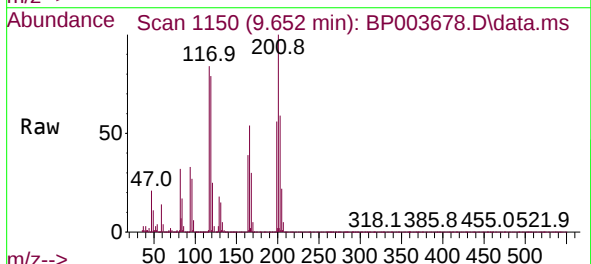
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2020

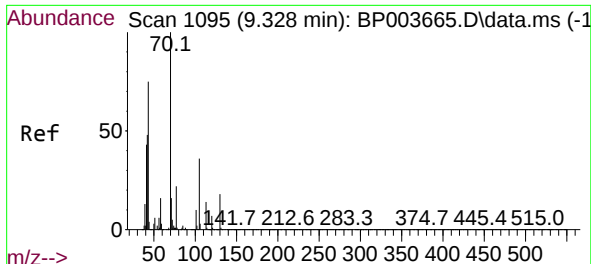
Tgt Ion:	107	Resp:	28764
Ion	Ratio	Lower	Upper
107	100		
108	111.7	89.6	134.4
77	53.3	31.8	47.6#
79	54.9	31.1	46.7#



#18
Hexachloroethane
Concen: 4.32 ng
RT: 9.652 min Scan# 1150
Delta R.T. 0.000 min
Lab File: BP003678.D
Acq: 20 Oct 2020 13:31

Tgt Ion:	117	Resp:	15481
Ion	Ratio	Lower	Upper
117	100		
119	93.6	78.8	118.2
201	121.4	92.3	138.5

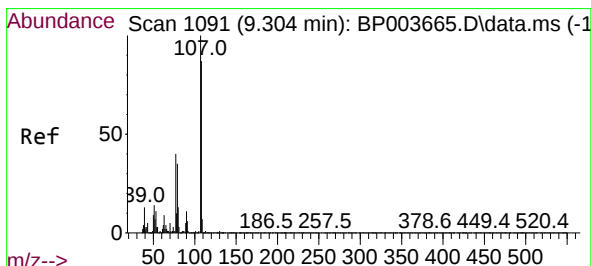
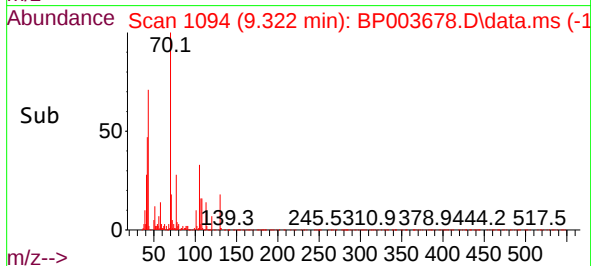
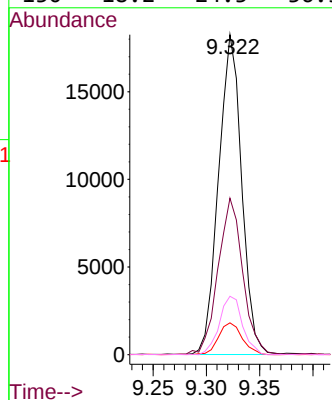
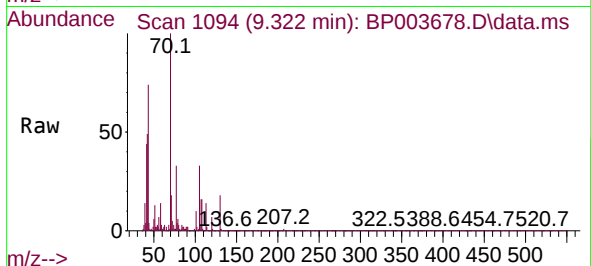




#19
n-Nitroso-di-n-propylamine
Concen: 4.43 ng
RT: 9.322 min Scan# 1094
Delta R.T. -0.006 min
Lab File: BP003678.D
Acq: 20 Oct 2020 13:31

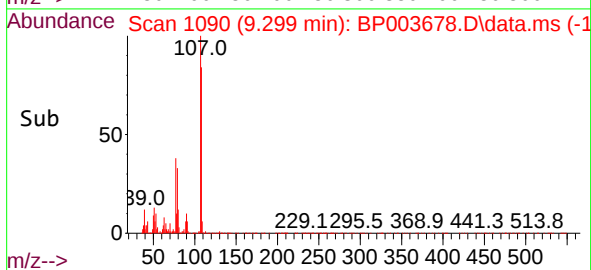
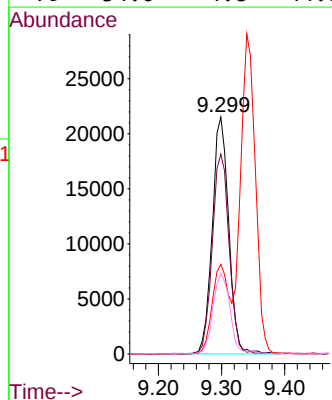
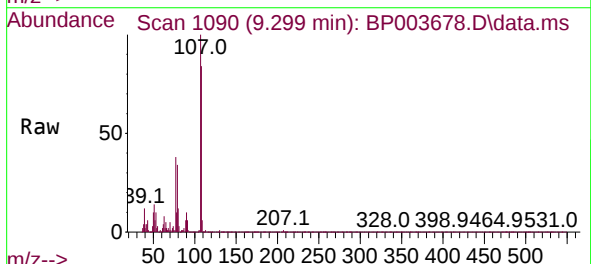
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2020

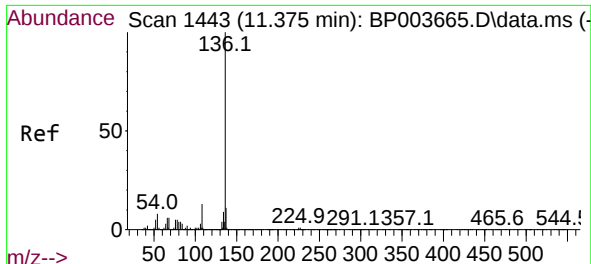
Tgt Ion:	70	Resp:	27442
Ion	Ratio	Lower	Upper
70	100		
42	48.9	32.8	49.2
101	10.0	9.6	14.4
130	18.2	24.3	36.5



#20
3+4-Methylphenols
Concen: 4.52 ng
RT: 9.299 min Scan# 1090
Delta R.T. -0.006 min
Lab File: BP003678.D
Acq: 20 Oct 2020 13:31

Tgt Ion:	107	Resp:	38952
Ion	Ratio	Lower	Upper
107	100		
108	84.4	69.0	109.0
77	37.8	8.5	48.5
79	34.0	4.8	44.8

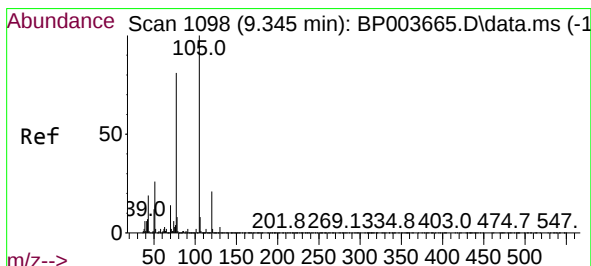
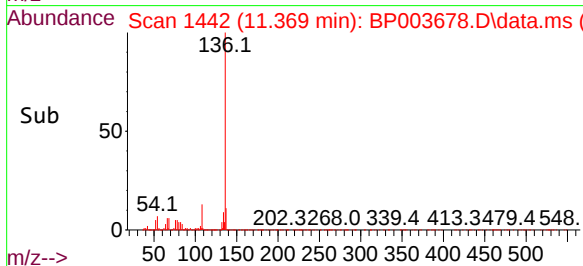
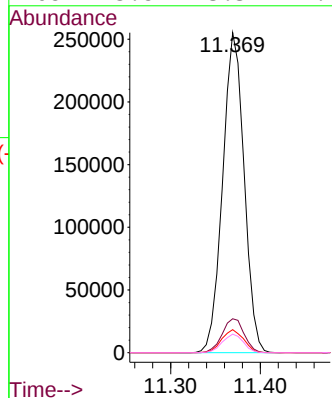
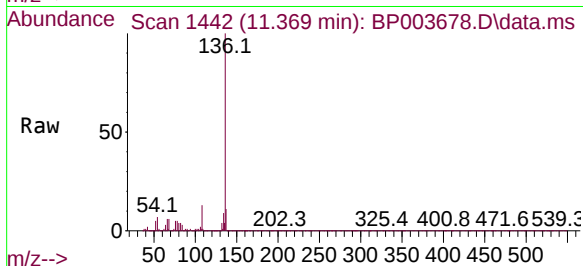




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.369 min Scan# 1442
Delta R.T. -0.006 min
Lab File: BP003678.D
Acq: 20 Oct 2020 13:31

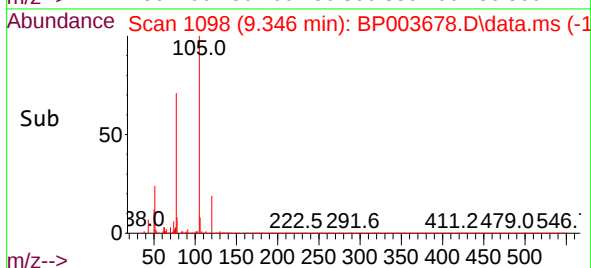
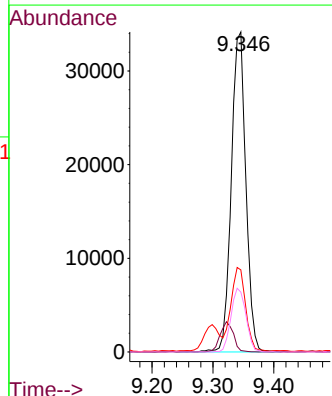
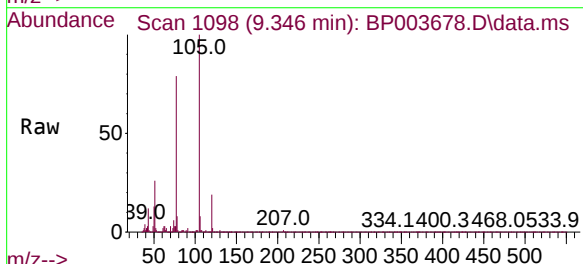
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2020

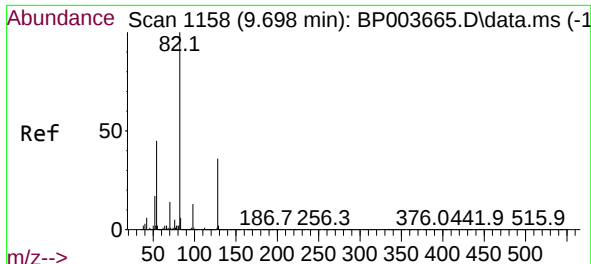
Tgt Ion:136	Resp: 422924
Ion Ratio	Lower Upper
136 100	
137 10.6	8.6 13.0
54 7.2	3.6 5.4#
68 5.8	3.3 4.9#



#22
Acetophenone
Concen: 4.58 ng
RT: 9.346 min Scan# 1098
Delta R.T. 0.000 min
Lab File: BP003678.D
Acq: 20 Oct 2020 13:31

Tgt	Ion:105	Resp:	56669
Ion	Ratio	Lower	Upper
105	100		
71	0.5	2.6	3.8#
51	25.6	13.5	20.3#
120	18.7	19.6	29.4#

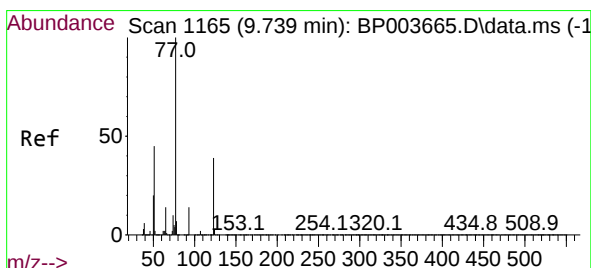
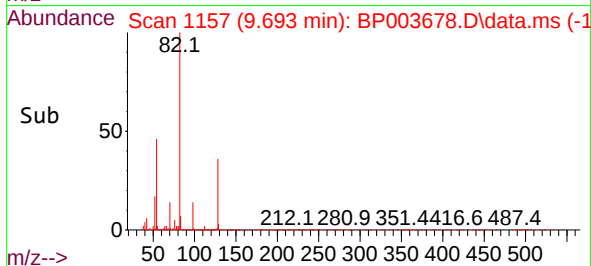
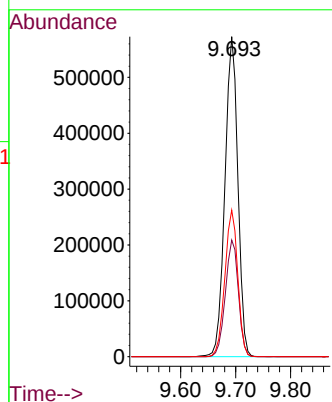
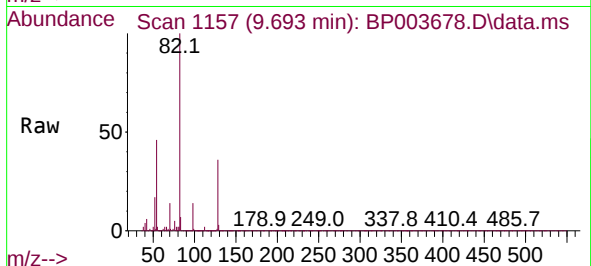




#23
Nitrobenzene-d5
Concen: 93.66 ng
RT: 9.693 min Scan# 1157
Delta R.T. -0.006 min
Lab File: BP003678.D
Acq: 20 Oct 2020 13:31

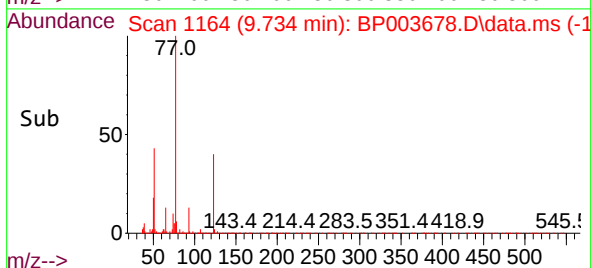
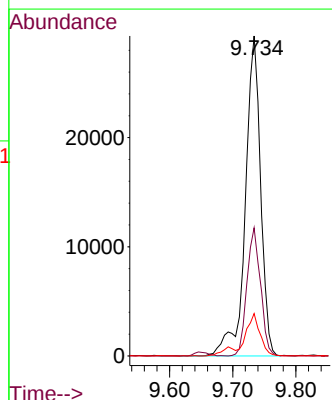
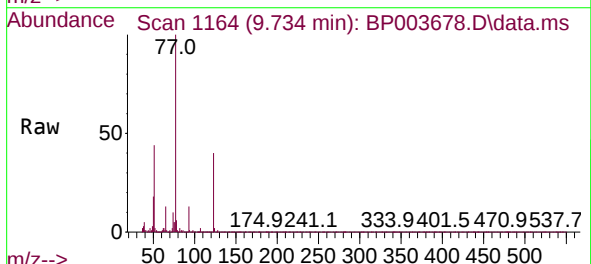
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2020

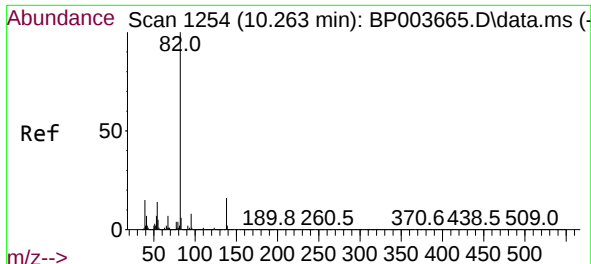
Tgt Ion: 82 Resp: 936352
Ion Ratio Lower Upper
82 100
128 36.5 45.6 68.4#
54 45.8 30.1 45.1#



#24
Nitrobenzene
Concen: 5.12 ng
RT: 9.734 min Scan# 1164
Delta R.T. -0.006 min
Lab File: BP003678.D
Acq: 20 Oct 2020 13:31

Tgt Ion: 77 Resp: 49297
Ion Ratio Lower Upper
77 100
123 40.0 48.6 72.8#
65 13.2 10.0 15.0

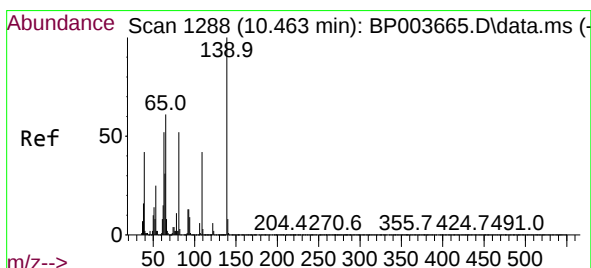
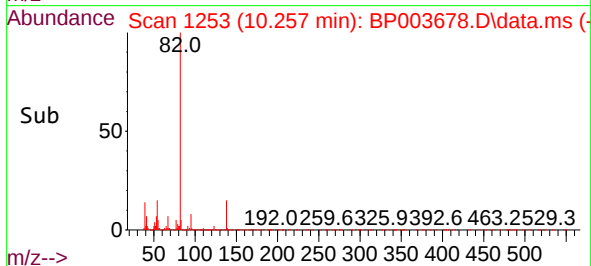
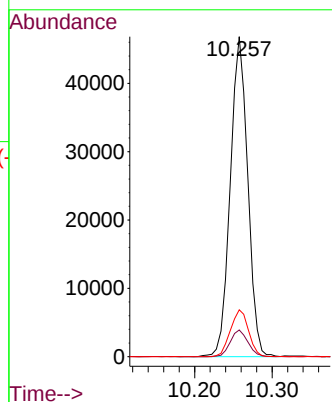
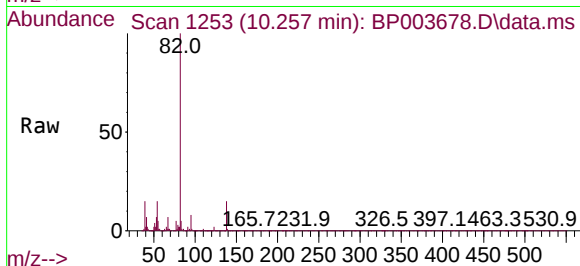




#25
Isophorone
Concen: 4.56 ng
RT: 10.257 min Scan# 1253
Delta R.T. -0.006 min
Lab File: BP003678.D
Acq: 20 Oct 2020 13:31

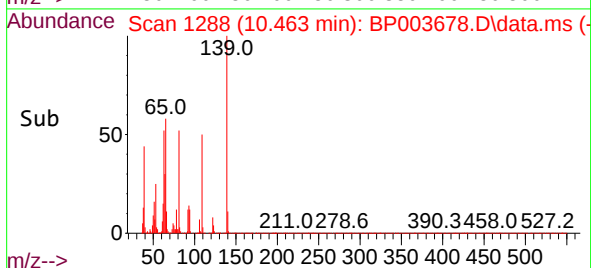
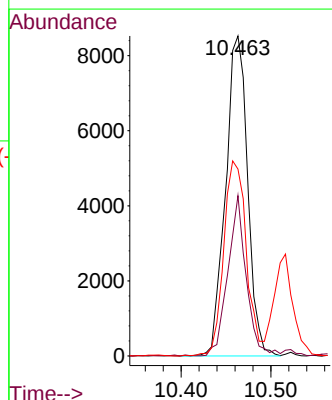
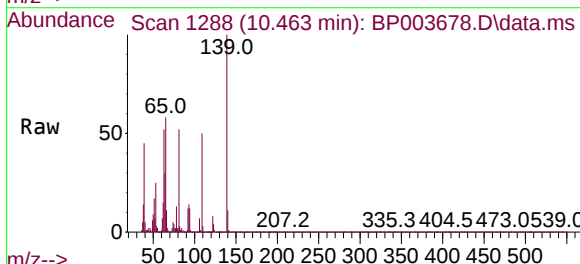
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2020

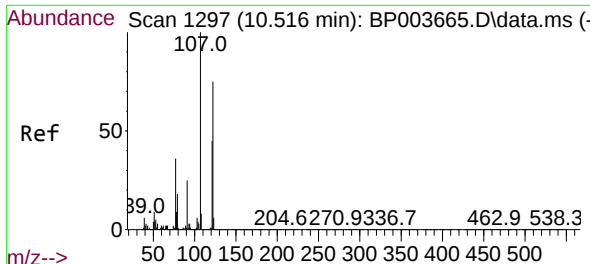
Tgt Ion: 82 Resp: 73534
Ion Ratio Lower Upper
82 100
95 8.4 6.4 9.6
138 14.6 18.7 28.1#



#26
2-Nitrophenol
Concen: 4.05 ng
RT: 10.463 min Scan# 1288
Delta R.T. 0.000 min
Lab File: BP003678.D
Acq: 20 Oct 2020 13:31

Tgt Ion: 139 Resp: 14566
Ion Ratio Lower Upper
139 100
109 50.1 22.1 33.1#
65 58.4 26.5 39.7#

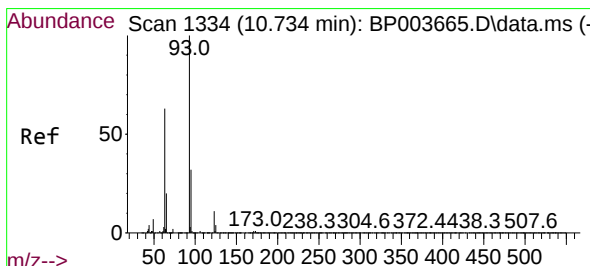
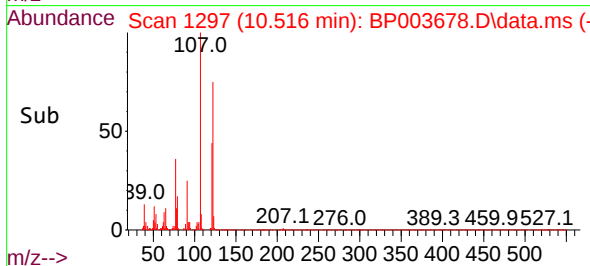
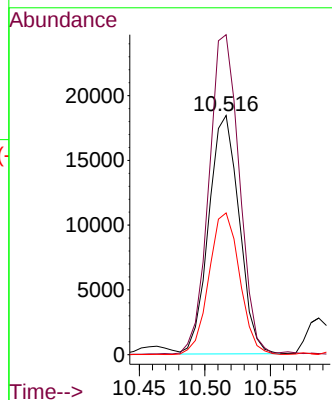
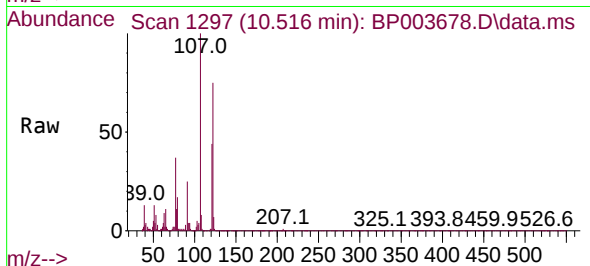




#27
2,4-Dimethylphenol
Concen: 5.26 ng
RT: 10.516 min Scan# 1297
Delta R.T. 0.000 min
Lab File: BP003678.D
Acq: 20 Oct 2020 13:31

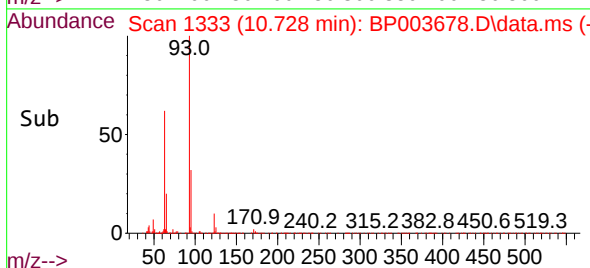
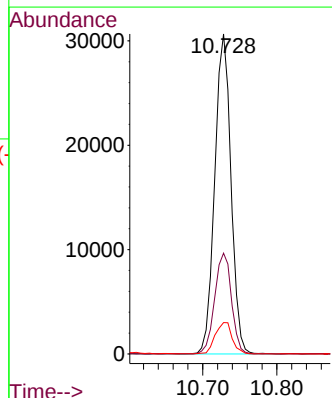
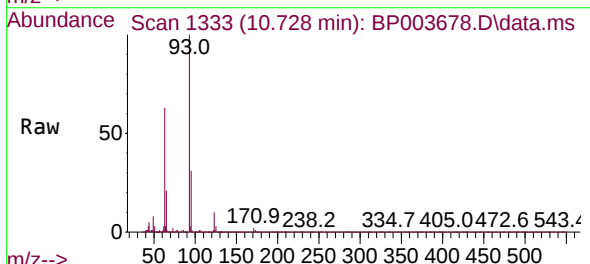
Instrument :
BNA_P
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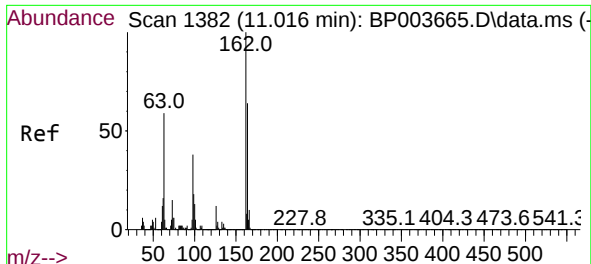
Tgt Ion:	122	Resp:	29715
Ion	Ratio	Lower	Upper
122	100		
107	133.8	87.3	130.9#
121	59.3	47.3	70.9



#28
bis(2-Chloroethoxy)methane
Concen: 4.53 ng
RT: 10.728 min Scan# 1333
Delta R.T. -0.006 min
Lab File: BP003678.D
Acq: 20 Oct 2020 13:31

Tgt Ion:	93	Resp:	46587
Ion	Ratio	Lower	Upper
93	100		
95	31.5	26.7	40.1
123	9.8	10.5	15.7#

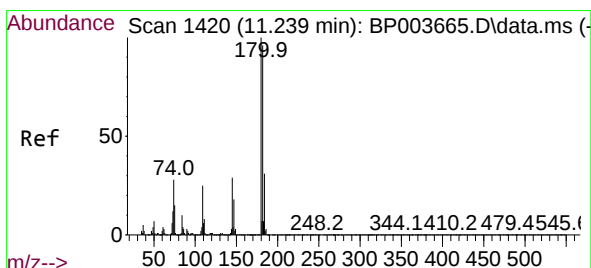
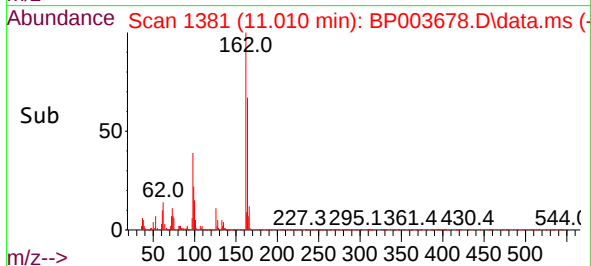
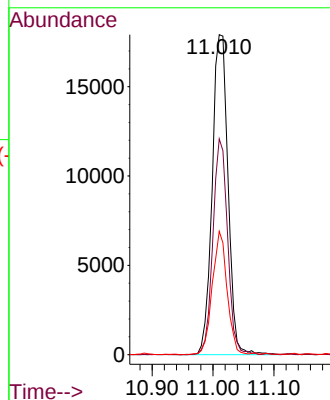
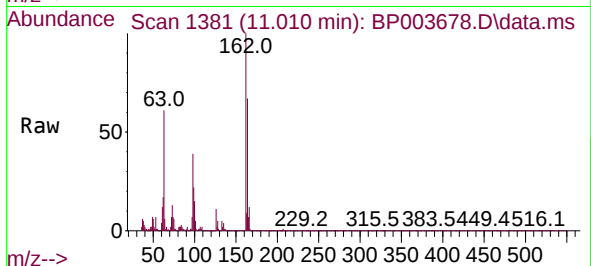




#29
2,4-Dichlorophenol
Concen: 4.37 ng
RT: 11.010 min Scan# 1381
Delta R.T. -0.006 min
Lab File: BP003678.D
Acq: 20 Oct 2020 13:31

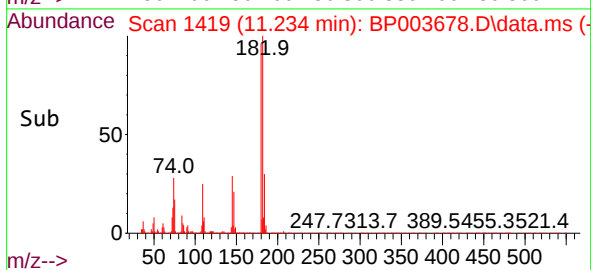
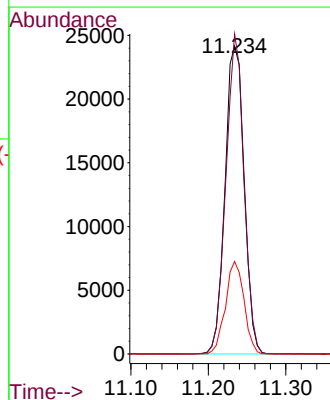
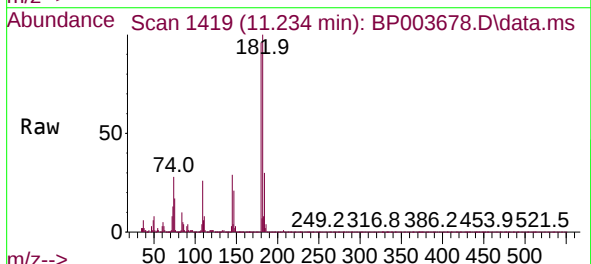
Instrument :
BNA_P
ClientSampleId :
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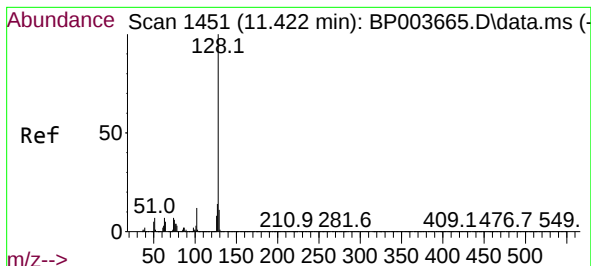
Tgt Ion:162	Resp:	32359
Ion Ratio	Lower	Upper
162	100	
164	67.4	45.8 85.8
98	38.5	10.2 50.2



#30
1,2,4-Trichlorobenzene
Concen: 4.38 ng
RT: 11.234 min Scan# 1419
Delta R.T. -0.006 min
Lab File: BP003678.D
Acq: 20 Oct 2020 13:31

Tgt Ion:180	Resp:	41604
Ion Ratio	Lower	Upper
180	100	
182	104.0	76.2 114.2
145	30.0	23.8 35.8

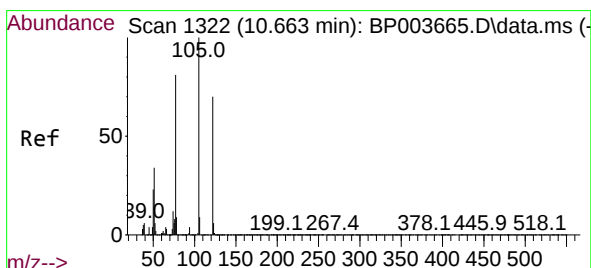
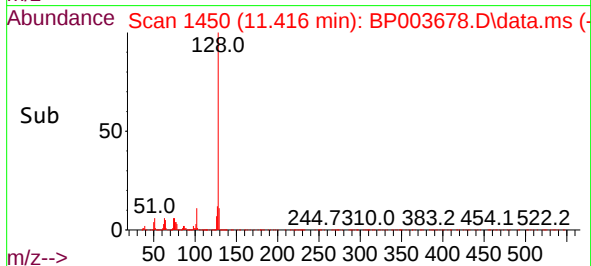
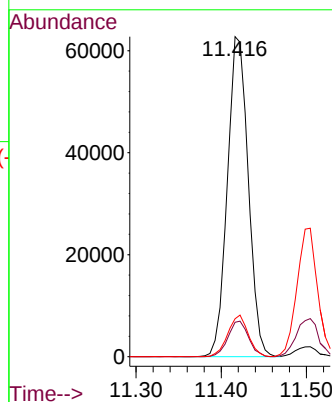
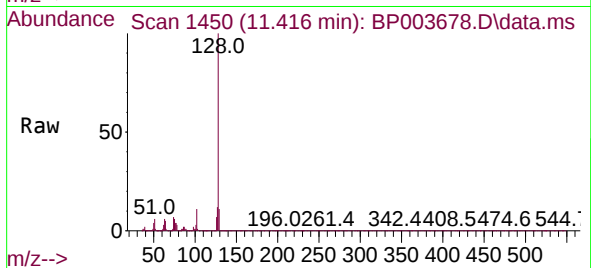




#31
Naphthalene
Concen: 4.69 ng
RT: 11.416 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BP003678.D
Acq: 20 Oct 2020 13:31

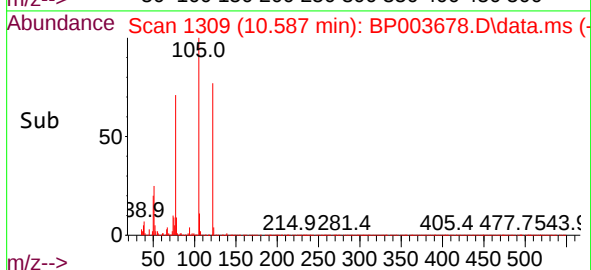
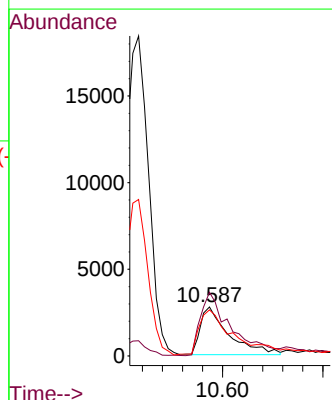
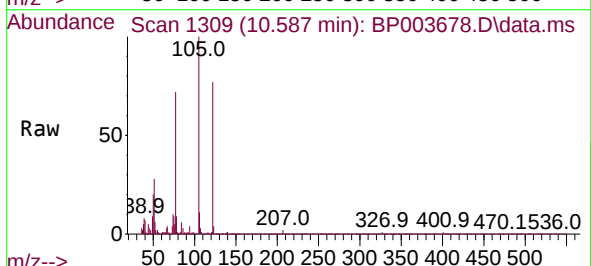
Instrument :
BNA_P
ClientSampleId :
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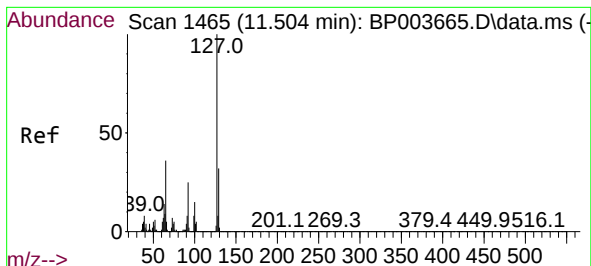
Tgt Ion:128 Resp: 106930
Ion Ratio Lower Upper
128 100
129 10.8 8.8 13.2
127 11.8 10.6 15.8



#32
Benzoic acid
Concen: 1.63 ng
RT: 10.587 min Scan# 1309
Delta R.T. -0.076 min
Lab File: BP003678.D
Acq: 20 Oct 2020 13:31

Tgt Ion:122 Resp: 5458
Ion Ratio Lower Upper
122 100
105 130.2 94.1 134.1
77 94.2 50.1 90.1#

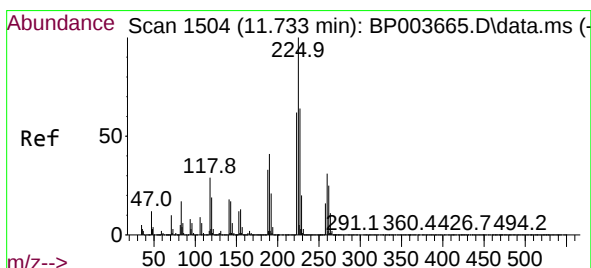
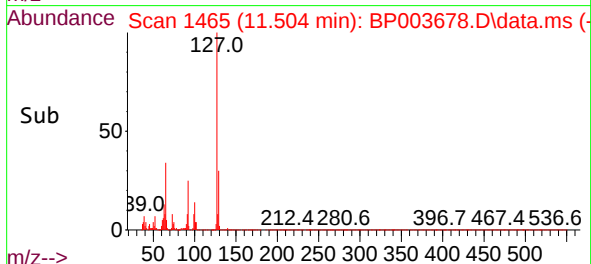
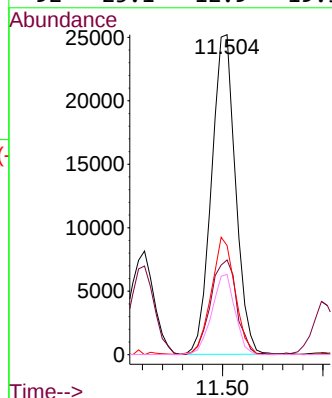
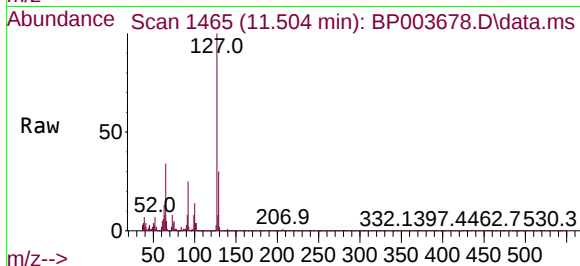




#33
4-Chloroaniline
Concen: 4.47 ng
RT: 11.504 min Scan# 1465
Delta R.T. 0.000 min
Lab File: BP003678.D
Acq: 20 Oct 2020 13:31

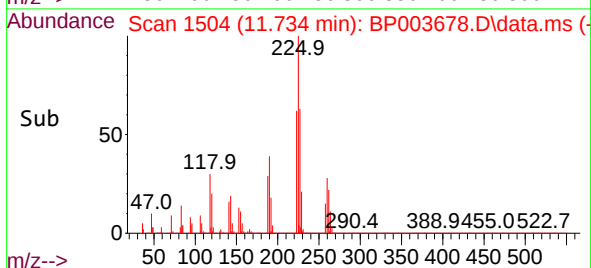
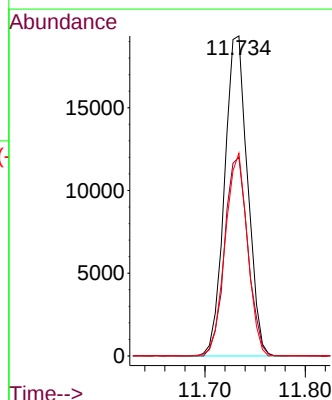
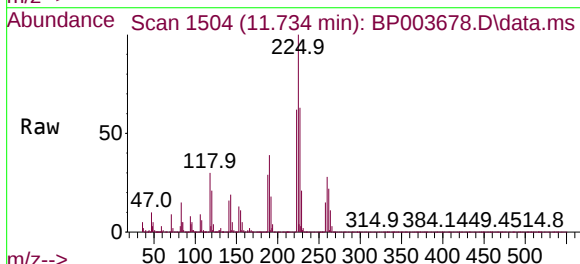
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2020

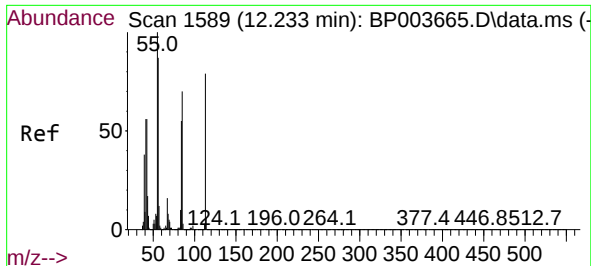
Tgt Ion:	127	Resp:	41964
Ion	Ratio	Lower	Upper
127	100		
129	29.6	25.7	38.5
65	34.1	17.3	25.9#
92	25.1	12.9	19.3#



#34
Hexachlorobutadiene
Concen: 4.30 ng
RT: 11.734 min Scan# 1504
Delta R.T. 0.000 min
Lab File: BP003678.D
Acq: 20 Oct 2020 13:31

Tgt Ion:	225	Resp:	30814
Ion	Ratio	Lower	Upper
225	100		
223	62.1	50.1	75.1
227	63.4	51.4	77.2

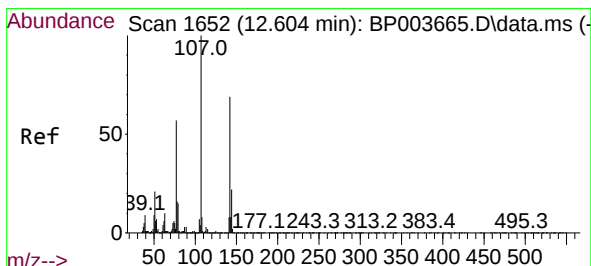
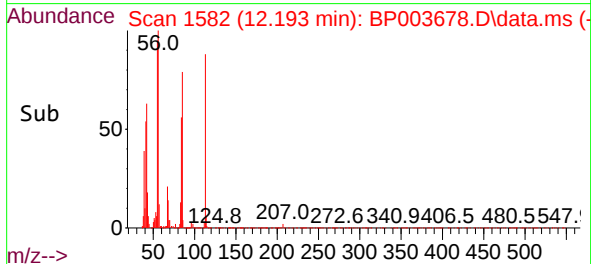
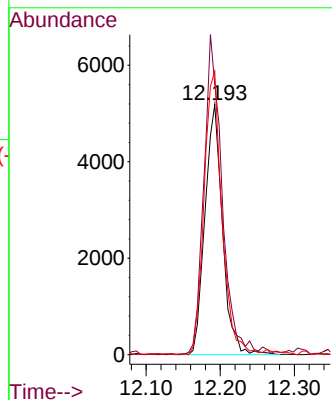
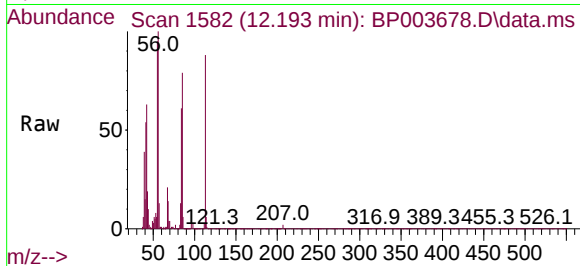




#35
Caprolactam
Concen: 3.93 ng
RT: 12.193 min Scan# 1582
Delta R.T. -0.041 min
Lab File: BP003678.D
Acq: 20 Oct 2020 13:31

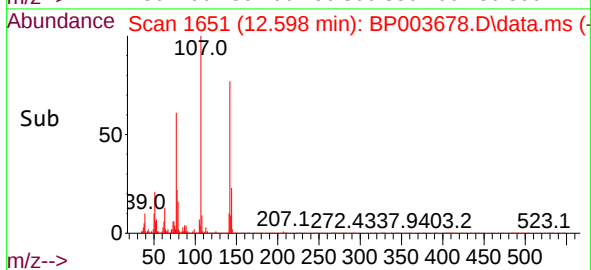
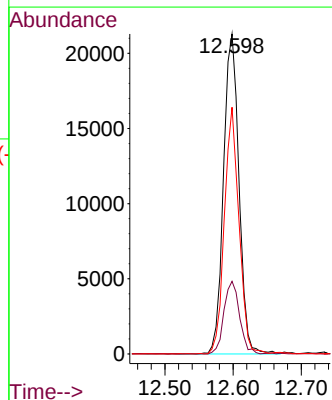
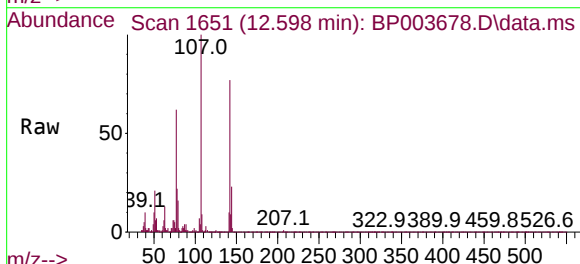
Instrument :
BNA_P
ClientSampleId :
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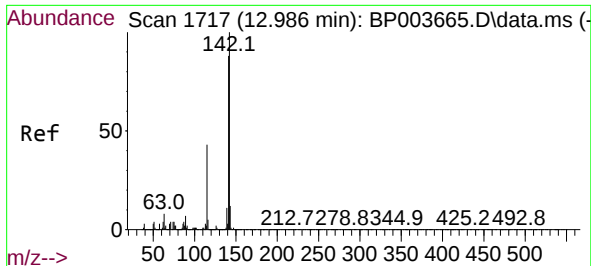
Tgt Ion	Ratio	Lower	Upper
113	100		
55	108.0	77.3	117.3
56	113.3	55.9	95.9#



#36
4-Chloro-3-methylphenol
Concen: 4.18 ng
RT: 12.598 min Scan# 1651
Delta R.T. -0.006 min
Lab File: BP003678.D
Acq: 20 Oct 2020 13:31

Tgt Ion	Ratio	Lower	Upper
107	100		
144	22.7	22.7	34.1#
142	77.1	70.7	106.1

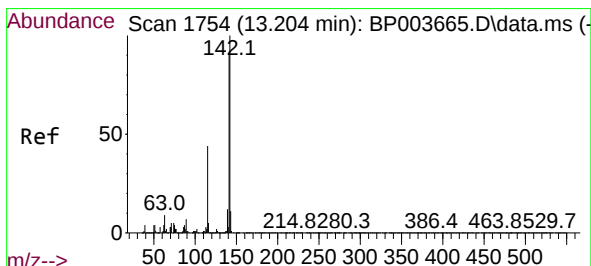
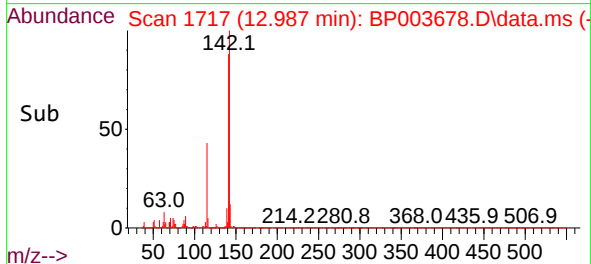
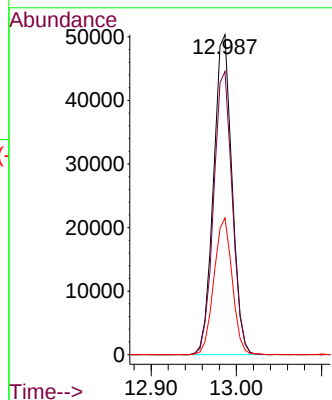
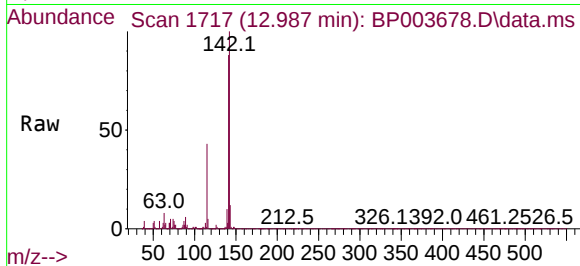




#37
2-Methylnaphthalene
Concen: 4.58 ng
RT: 12.987 min Scan# 1717
Delta R.T. 0.000 min
Lab File: BP003678.D
Acq: 20 Oct 2020 13:31

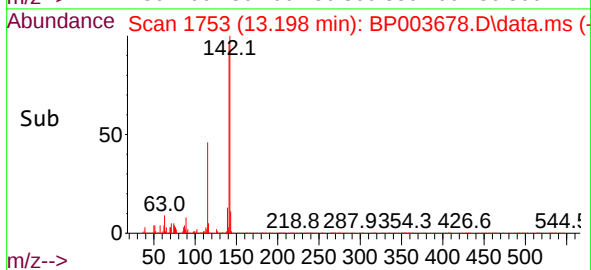
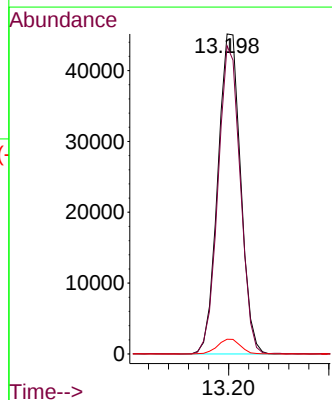
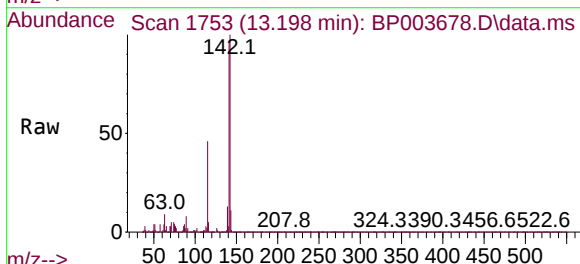
Instrument :
BNA_P
ClientSampleId :
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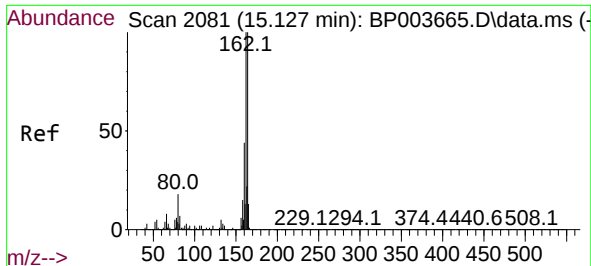
Tgt Ion:142 Resp: 75740
Ion Ratio Lower Upper
142 100
141 88.5 71.4 107.2
115 42.7 25.8 38.6#



#38
1-Methylnaphthalene
Concen: 4.56 ng
RT: 13.198 min Scan# 1753
Delta R.T. -0.006 min
Lab File: BP003678.D
Acq: 20 Oct 2020 13:31

Tgt Ion:142 Resp: 71311
Ion Ratio Lower Upper
142 100
141 96.3 74.4 111.6
116 4.6 2.9 4.3#

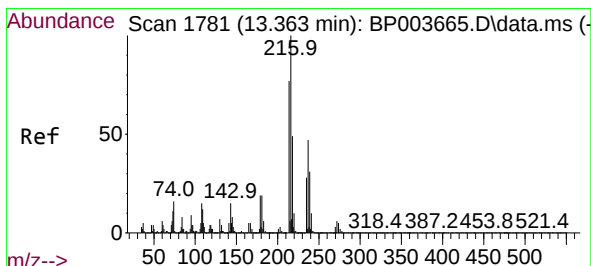
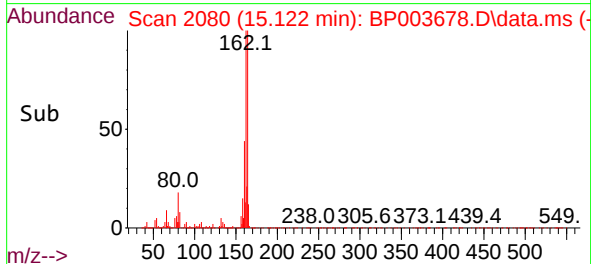
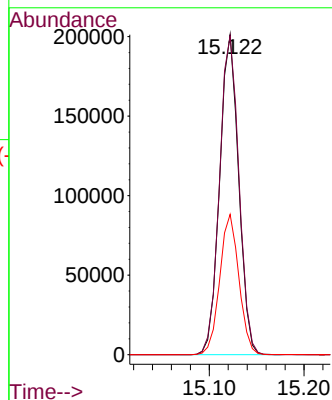
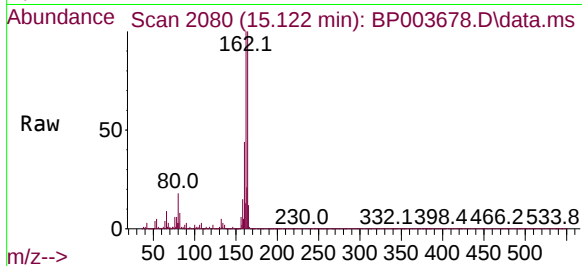




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.122 min Scan# 2080
Delta R.T. -0.005 min
Lab File: BP003678.D
Acq: 20 Oct 2020 13:31

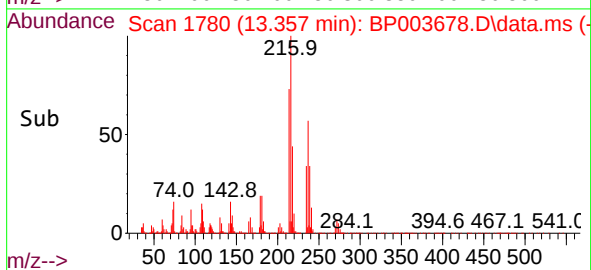
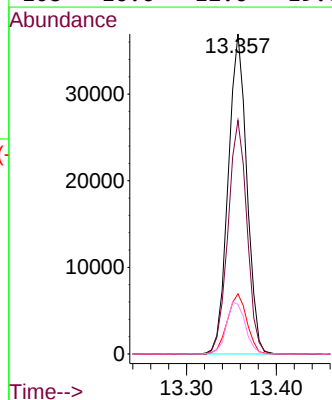
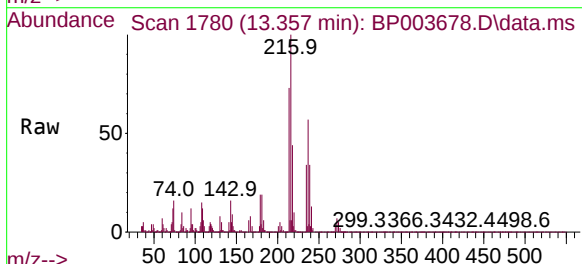
Instrument :
BNA_P
ClientSampleId :
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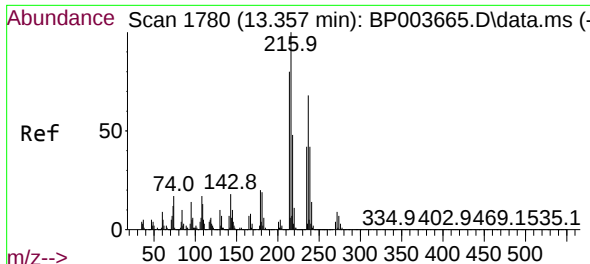
Tgt Ion:164 Resp: 280300
Ion Ratio Lower Upper
164 100
162 99.7 79.4 119.2
160 43.9 36.1 54.1



#40
1,2,4,5-Tetrachlorobenzene
Concen: 4.80 ng
RT: 13.357 min Scan# 1780
Delta R.T. -0.006 min
Lab File: BP003678.D
Acq: 20 Oct 2020 13:31

Tgt Ion:216 Resp: 53248
Ion Ratio Lower Upper
216 100
214 74.0 63.0 94.6
179 19.7 16.9 25.3
108 16.6 12.6 19.0

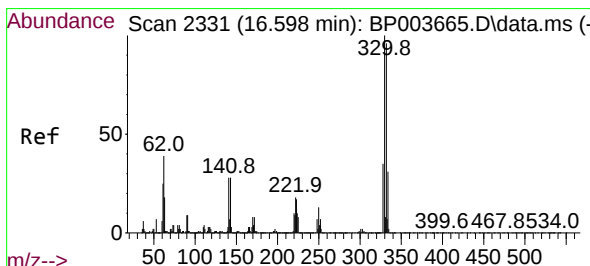
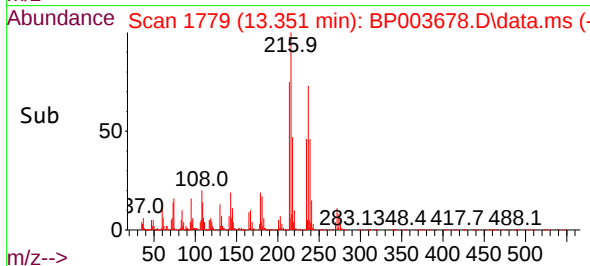
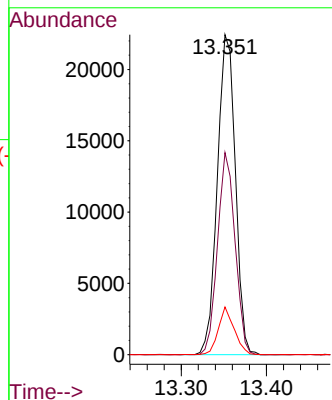
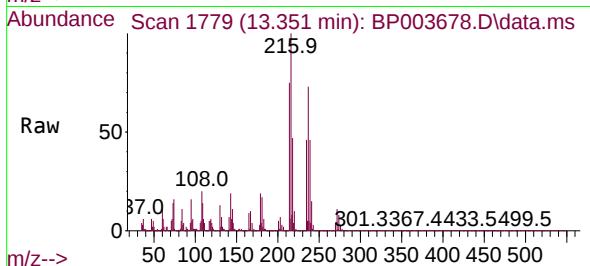




#41
Hexachlorocyclopentadiene
Concen: 5.13 ng
RT: 13.351 min Scan# 1779
Delta R.T. -0.006 min
Lab File: BP003678.D
Acq: 20 Oct 2020 13:31

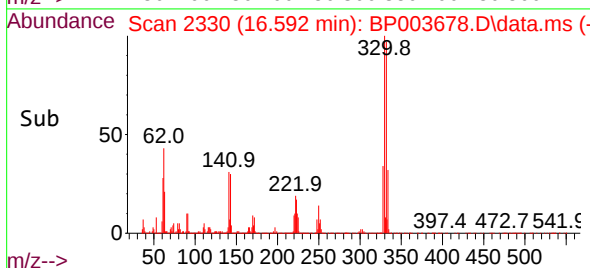
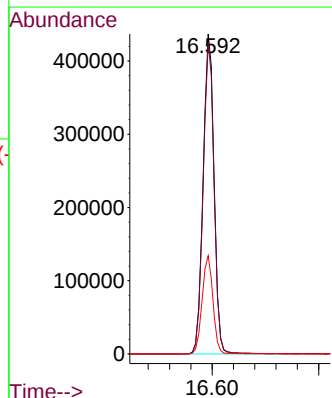
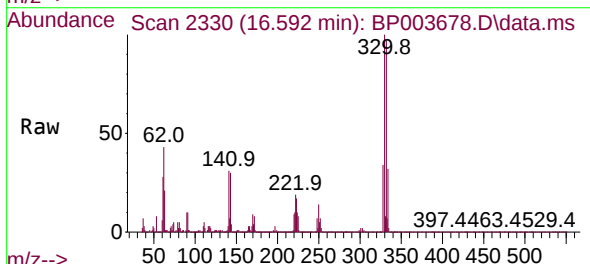
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2020

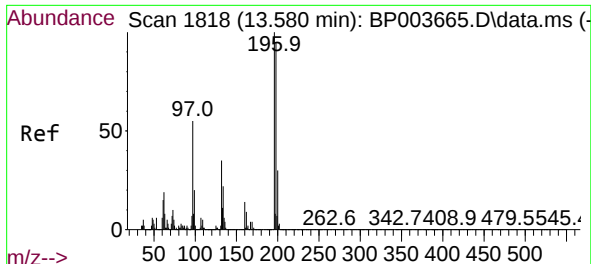
Tgt Ion:	237	Resp:	32990
Ion	Ratio	Lower	Upper
237	100		
235	63.2	43.2	83.2
272	14.9	0.0	33.3



#42
2,4,6-Tribromophenol
Concen: 142.27 ng
RT: 16.592 min Scan# 2330
Delta R.T. -0.006 min
Lab File: BP003678.D
Acq: 20 Oct 2020 13:31

Tgt Ion:	330	Resp:	622151
Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.1	115.7
141	30.3	23.4	35.2

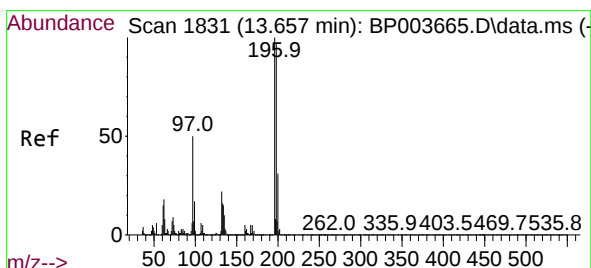
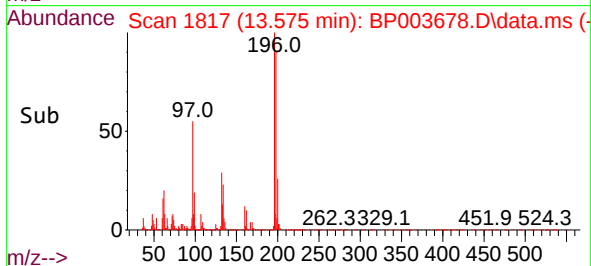
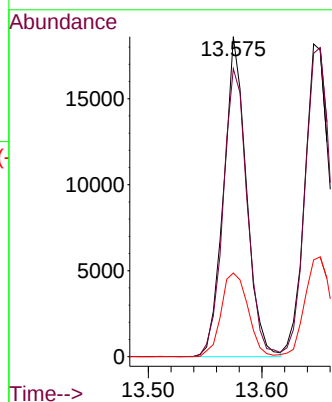
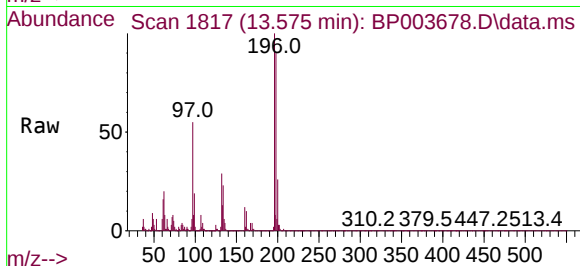




#43
2,4,6-Trichlorophenol
Concen: 3.92 ng
RT: 13.575 min Scan# 1817
Delta R.T. -0.006 min
Lab File: BP003678.D
Acq: 20 Oct 2020 13:31

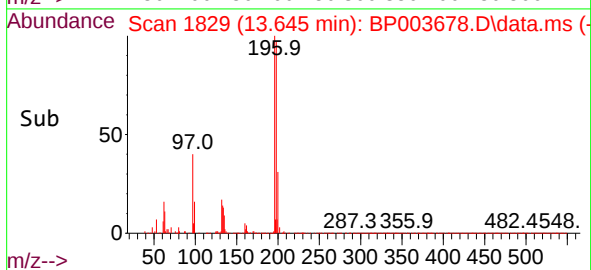
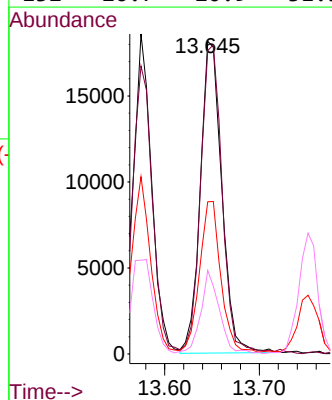
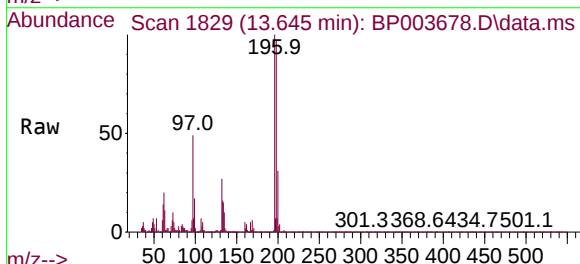
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2020

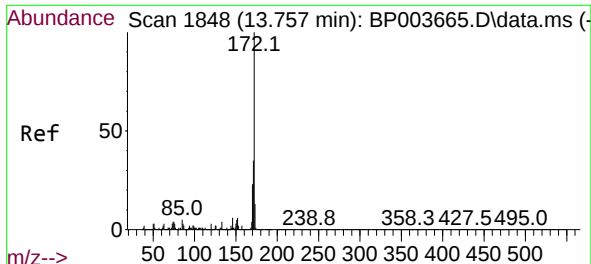
Tgt Ion:196 Resp: 25923
Ion Ratio Lower Upper
196 100
198 90.0 77.0 115.6
200 26.2 25.1 37.7



#44
2,4,5-Trichlorophenol
Concen: 4.16 ng
RT: 13.645 min Scan# 1829
Delta R.T. -0.011 min
Lab File: BP003678.D
Acq: 20 Oct 2020 13:31

Tgt Ion:196 Resp: 28536
Ion Ratio Lower Upper
196 100
198 97.1 77.3 115.9
97 48.7 31.0 46.4#
132 26.7 20.9 31.3

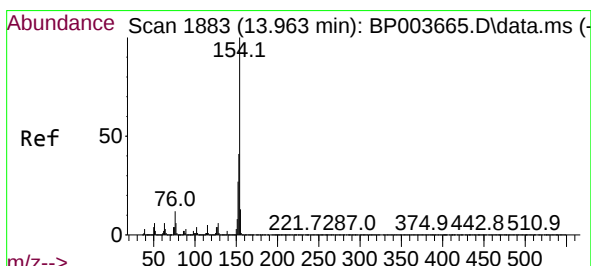
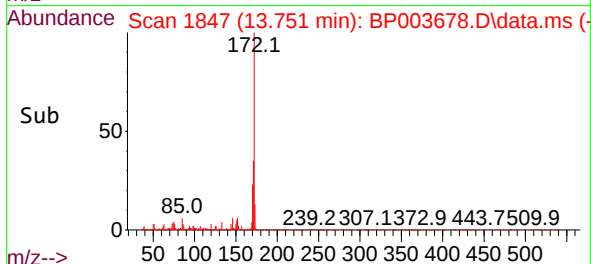
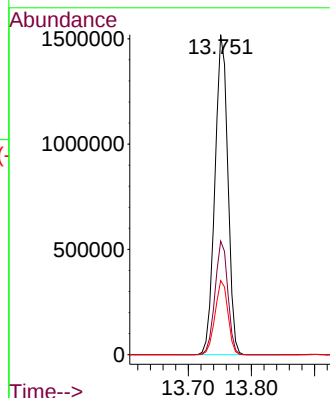
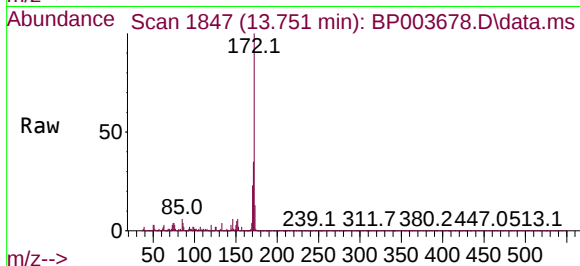




#45
2-Fluorobiphenyl
Concen: 99.52 ng
RT: 13.751 min Scan# 1847
Delta R.T. -0.006 min
Lab File: BP003678.D
Acq: 20 Oct 2020 13:31

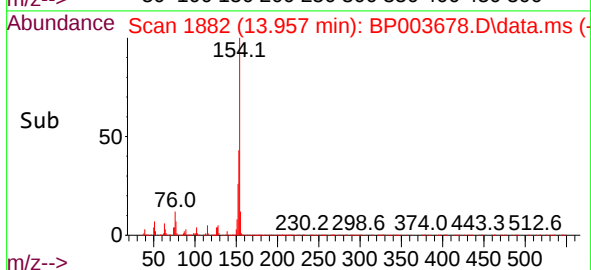
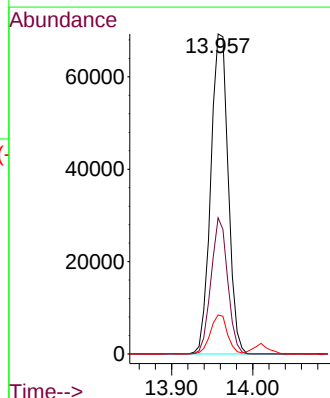
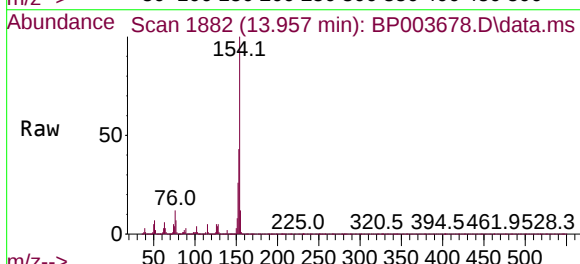
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2020

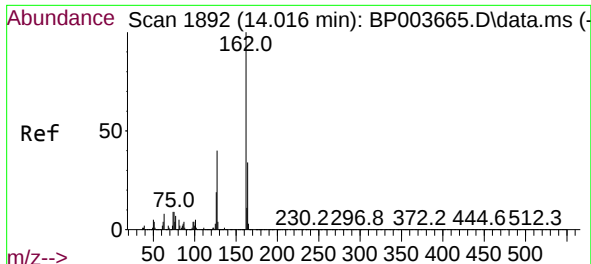
Tgt Ion:172 Resp: 2157872
Ion Ratio Lower Upper
172 100
171 35.5 28.5 42.7
170 23.2 19.2 28.8



#46
1,1'-Biphenyl
Concen: 4.72 ng
RT: 13.957 min Scan# 1882
Delta R.T. -0.006 min
Lab File: BP003678.D
Acq: 20 Oct 2020 13:31

Tgt Ion:154 Resp: 103117
Ion Ratio Lower Upper
154 100
153 42.5 20.4 60.4
76 12.2 0.0 29.3

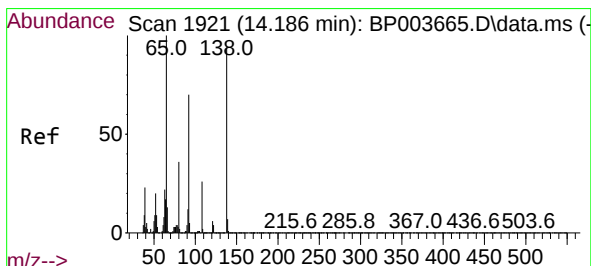
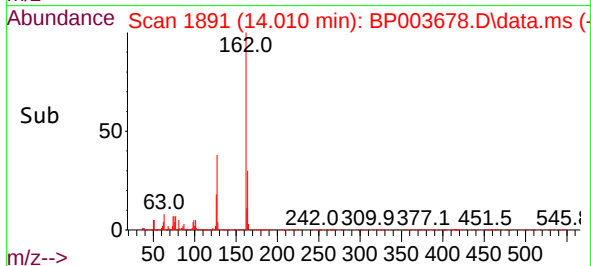
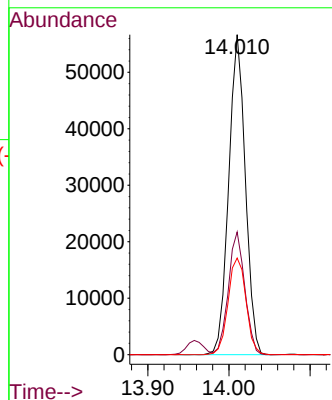
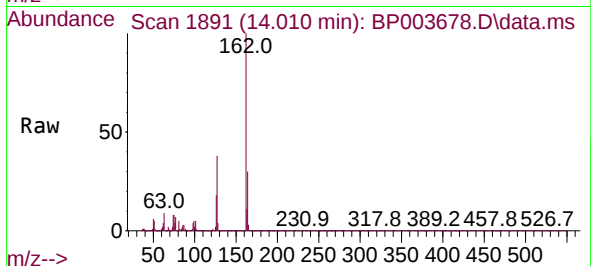




#47
2-Chloronaphthalene
Concen: 4.41 ng
RT: 14.010 min Scan# 1891
Delta R.T. -0.006 min
Lab File: BP003678.D
Acq: 20 Oct 2020 13:31

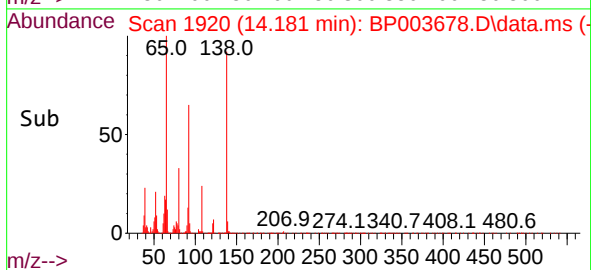
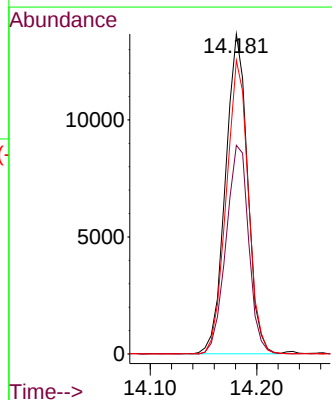
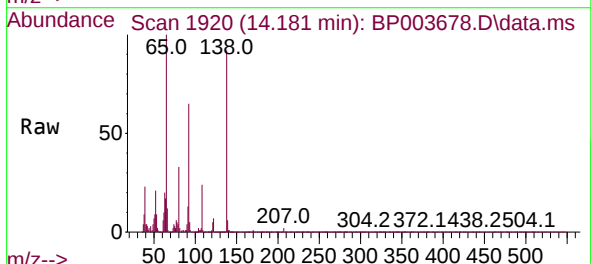
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2020

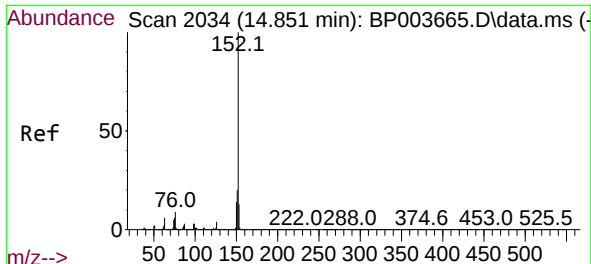
Tgt Ion:162 Resp: 80563
Ion Ratio Lower Upper
162 100
127 38.4 29.9 44.9
164 30.2 26.1 39.1



#48
2-Nitroaniline
Concen: 3.65 ng
RT: 14.181 min Scan# 1920
Delta R.T. -0.006 min
Lab File: BP003678.D
Acq: 20 Oct 2020 13:31

Tgt Ion: 65 Resp: 19683
Ion Ratio Lower Upper
65 100
92 65.2 70.6 106.0#
138 91.7 133.6 200.4#

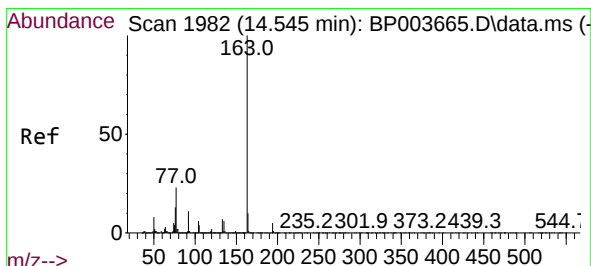
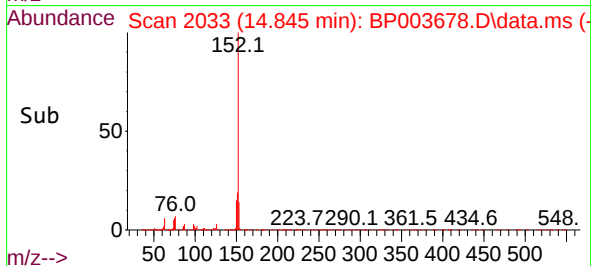
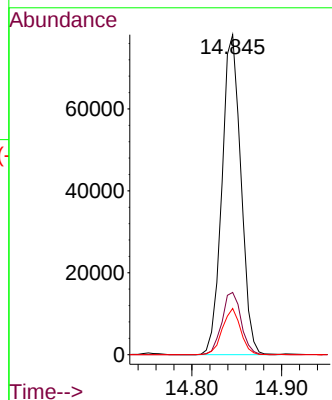
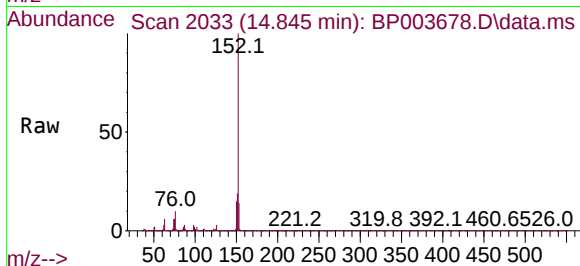




#49
Acenaphthylene
Concen: 4.39 ng
RT: 14.845 min Scan# 2033
Delta R.T. -0.006 min
Lab File: BP003678.D
Acq: 20 Oct 2020 13:31

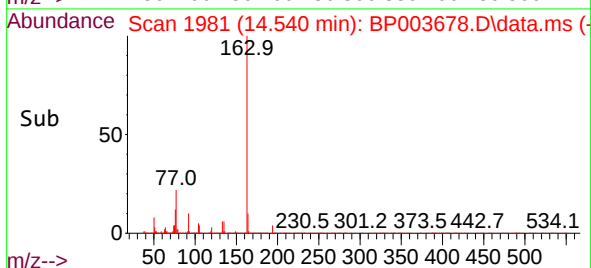
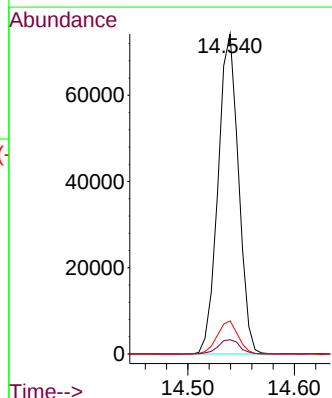
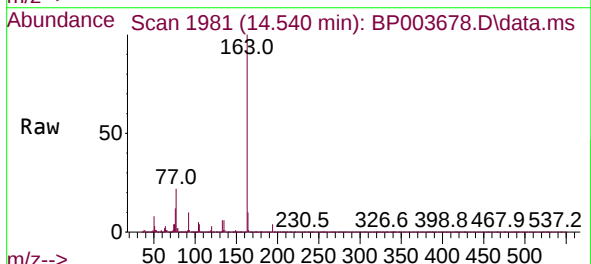
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2020

Tgt Ion:152 Resp: 114600
Ion Ratio Lower Upper
152 100
151 19.5 15.9 23.9
153 14.5 10.5 15.7



#50
Dimethylphthalate
Concen: 4.29 ng
RT: 14.540 min Scan# 1981
Delta R.T. -0.006 min
Lab File: BP003678.D
Acq: 20 Oct 2020 13:31

Tgt Ion:163 Resp: 98763
Ion Ratio Lower Upper
163 100
194 4.5 3.3 4.9
164 10.3 8.2 12.2

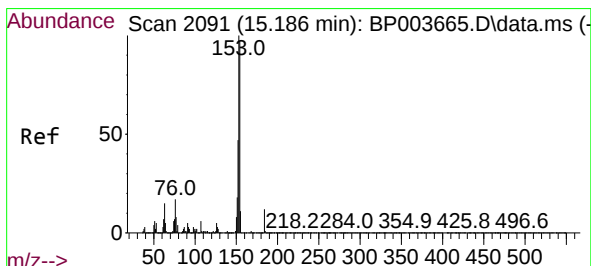
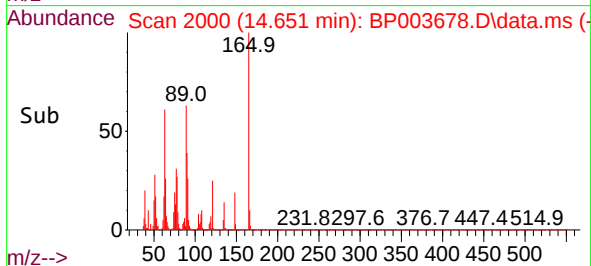
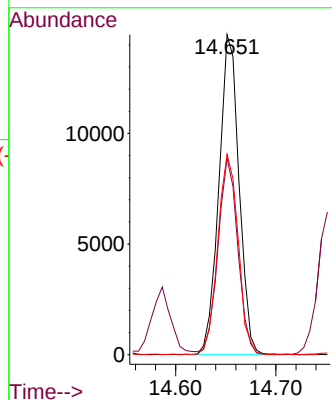
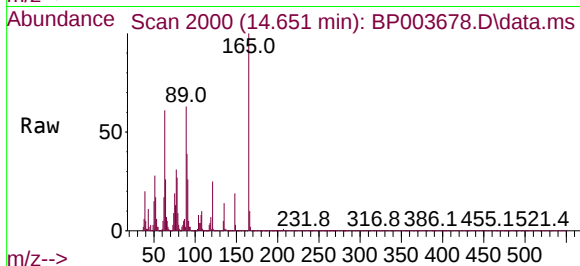




#51
2,6-Dinitrotoluene
Concen: 4.29 ng
RT: 14.651 min Scan# 2000
Delta R.T. -0.011 min
Lab File: BP003678.D
Acq: 20 Oct 2020 13:31

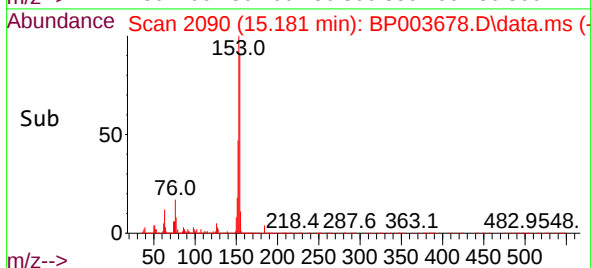
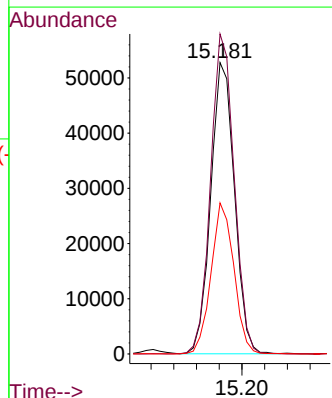
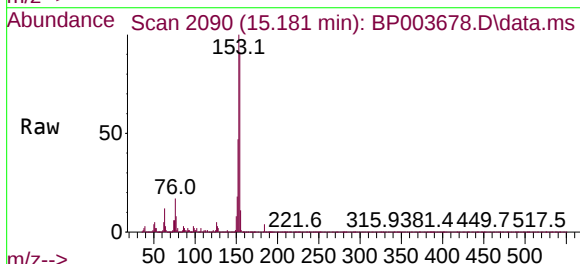
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2020

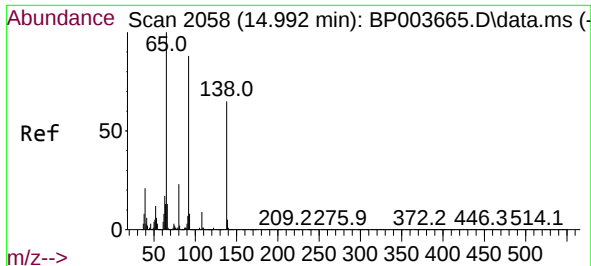
Tgt Ion:165 Resp: 20088
Ion Ratio Lower Upper
165 100
63 61.4 27.8 41.6#
89 62.6 34.6 52.0#



#52
Acenaphthene
Concen: 4.34 ng
RT: 15.181 min Scan# 2090
Delta R.T. -0.006 min
Lab File: BP003678.D
Acq: 20 Oct 2020 13:31

Tgt Ion:154 Resp: 76420
Ion Ratio Lower Upper
154 100
153 109.9 91.0 136.6
152 51.8 43.0 64.6

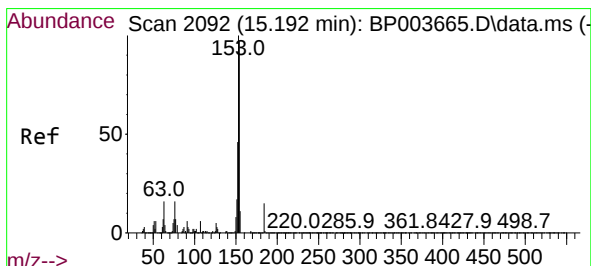
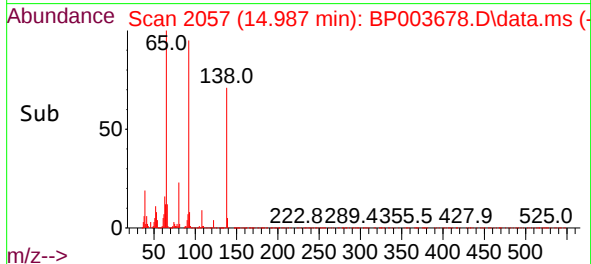
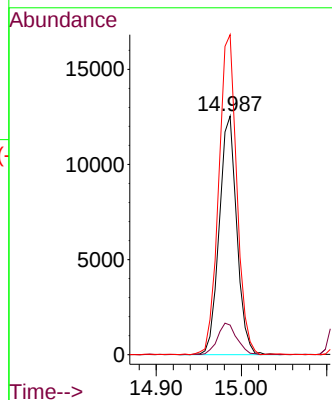
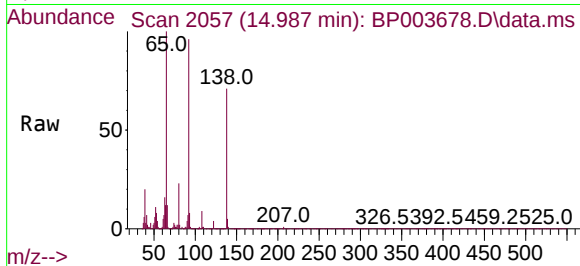




#53
3-Nitroaniline
Concen: 3.89 ng
RT: 14.987 min Scan# 2057
Delta R.T. -0.006 min
Lab File: BP003678.D
Acq: 20 Oct 2020 13:31

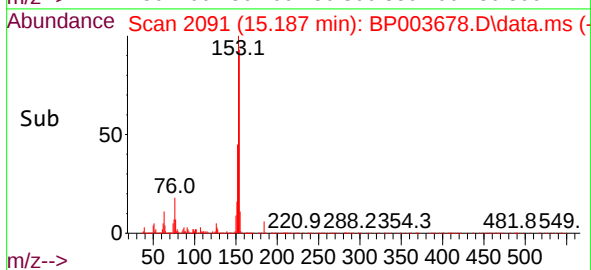
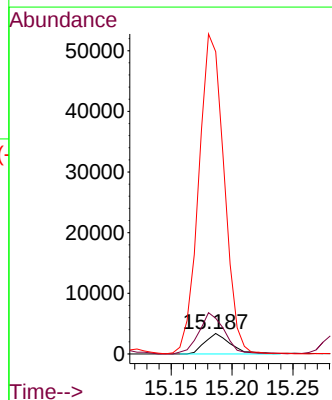
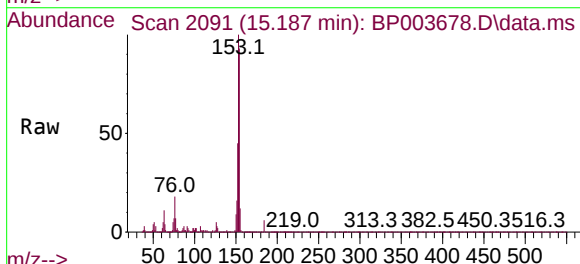
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2020

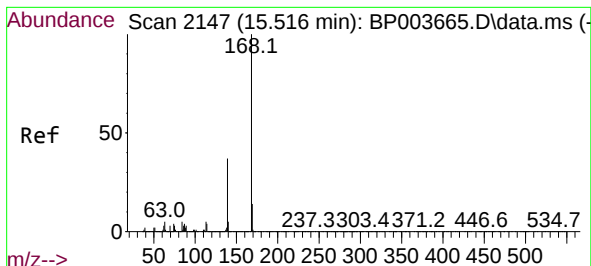
Tgt Ion:138 Resp: 17885
Ion Ratio Lower Upper
138 100
108 12.4 7.5 11.3#
92 134.1 75.0 112.6#



#54
2,4-Dinitrophenol
Concen: 2.32 ng
RT: 15.187 min Scan# 2091
Delta R.T. -0.005 min
Lab File: BP003678.D
Acq: 20 Oct 2020 13:31

Tgt Ion:184 Resp: 4977
Ion Ratio Lower Upper
184 100
63 173.6 32.3 48.5#
154 1471.5 49.1 73.7#

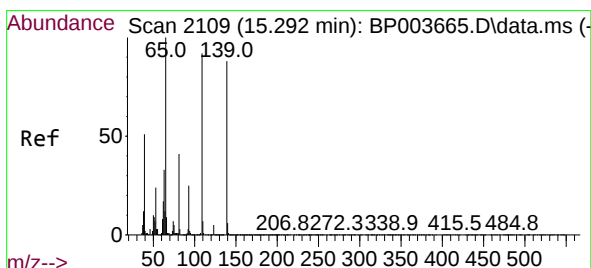
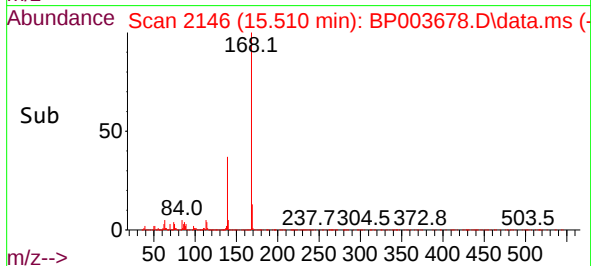
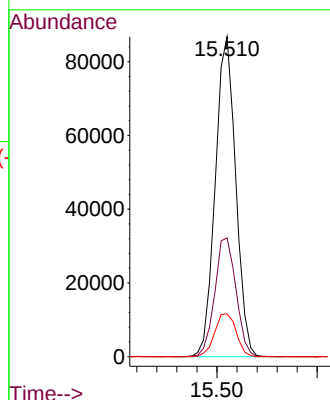
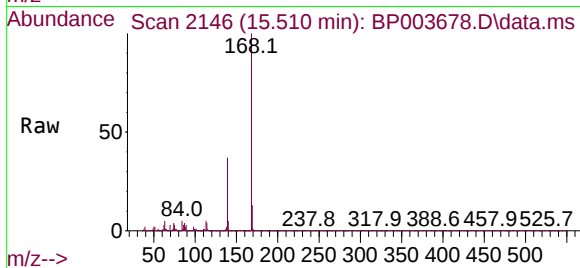




#55
Dibenzenofuran
Concen: 4.61 ng
RT: 15.510 min Scan# 2146
Delta R.T. -0.006 min
Lab File: BP003678.D
Acq: 20 Oct 2020 13:31

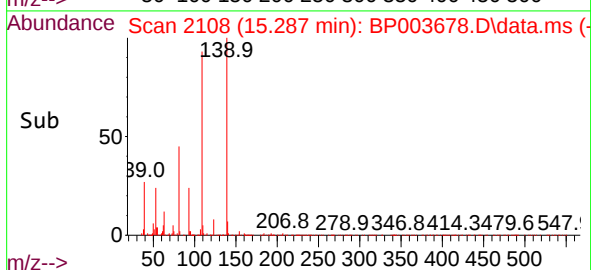
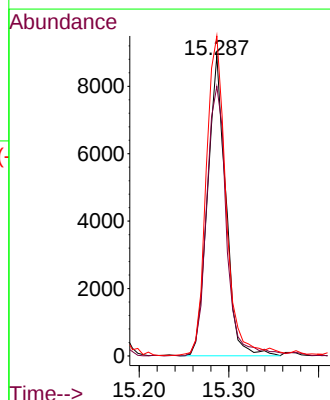
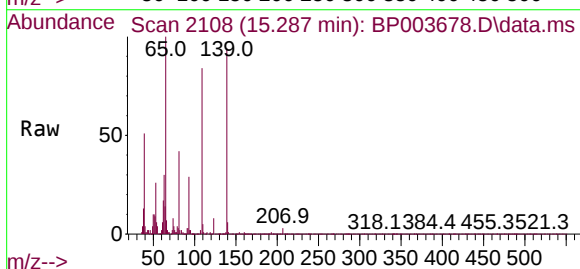
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2020

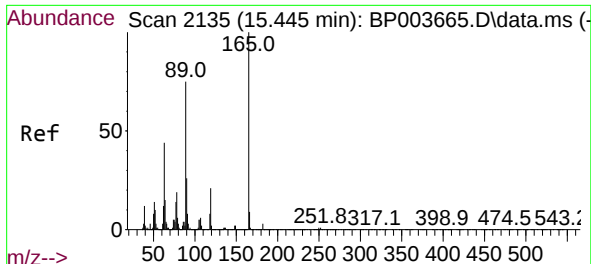
Tgt Ion:168 Resp: 122665
Ion Ratio Lower Upper
168 100
139 37.1 29.1 43.7
169 13.3 10.4 15.6



#56
4-Nitrophenol
Concen: 3.65 ng
RT: 15.287 min Scan# 2108
Delta R.T. -0.006 min
Lab File: BP003678.D
Acq: 20 Oct 2020 13:31

Tgt Ion:139 Resp: 12544
Ion Ratio Lower Upper
139 100
109 89.6 44.6 84.6#
65 106.4 41.6 81.6#

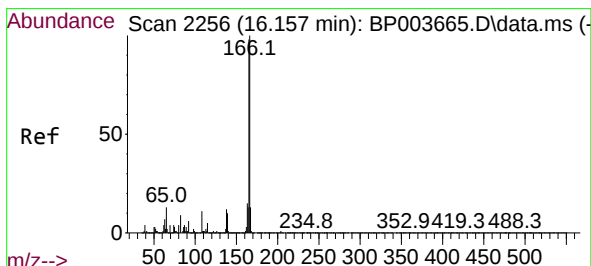
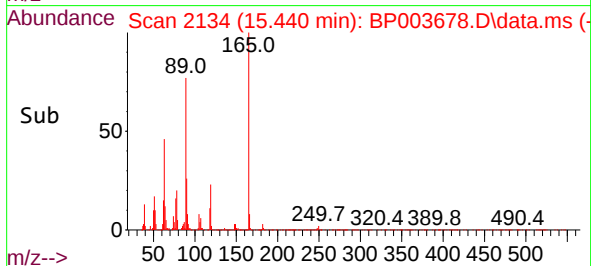
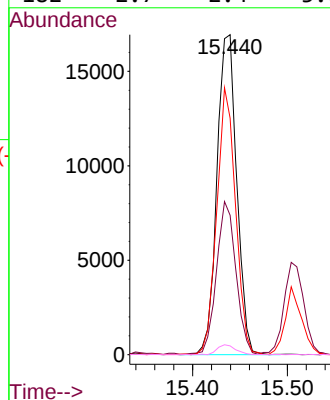
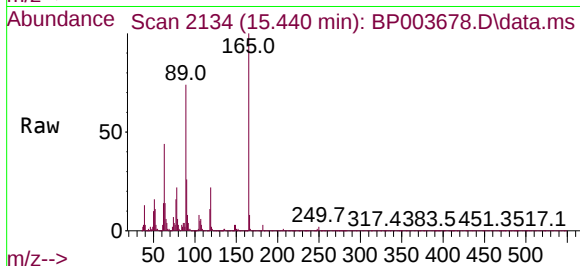




#57
2,4-Dinitrotoluene
Concen: 3.89 ng
RT: 15.440 min Scan# 2134
Delta R.T. -0.006 min
Lab File: BP003678.D
Acq: 20 Oct 2020 13:31

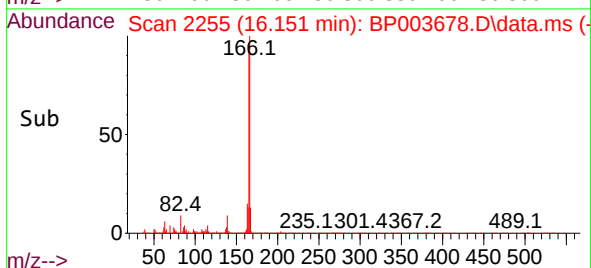
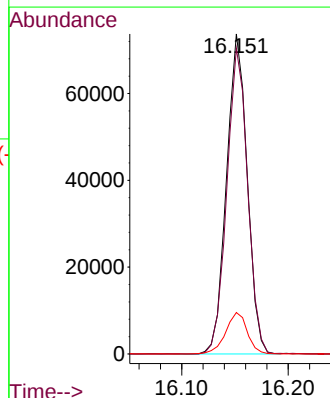
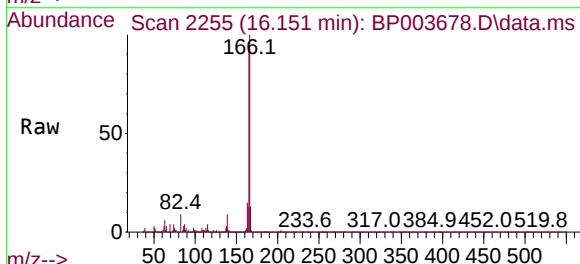
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2020

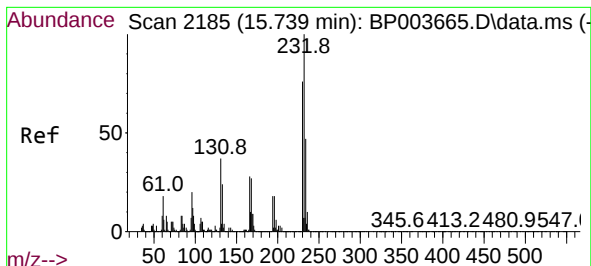
Tgt Ion:165	Resp:	24640
Ion Ratio	Lower	Upper
165	100	
63	43.5	20.6 31.0#
89	73.9	42.6 63.8#
182	2.7	2.4 3.6



#58
Fluorene
Concen: 4.62 ng
RT: 16.151 min Scan# 2255
Delta R.T. -0.006 min
Lab File: BP003678.D
Acq: 20 Oct 2020 13:31

Tgt Ion:166	Resp:	99322
Ion Ratio	Lower	Upper
166	100	
165	95.6	77.8 116.8
167	13.0	11.0 16.4

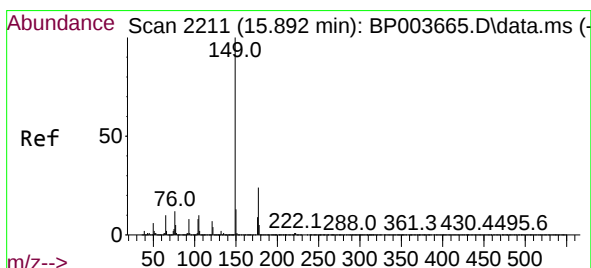
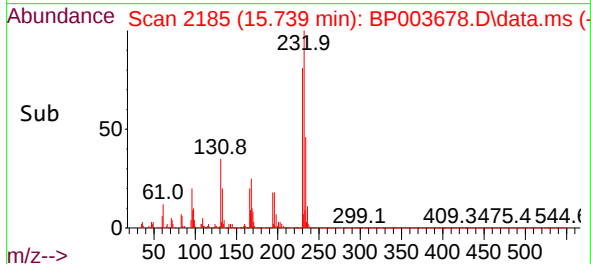
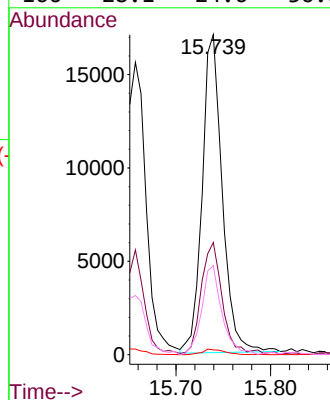
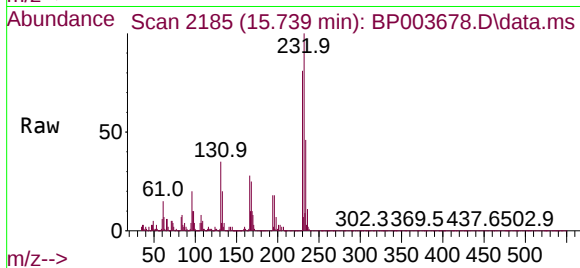




#59
2,3,4,6-Tetrachlorophenol
Concen: 3.82 ng
RT: 15.739 min Scan# 2185
Delta R.T. 0.000 min
Lab File: BP003678.D
Acq: 20 Oct 2020 13:31

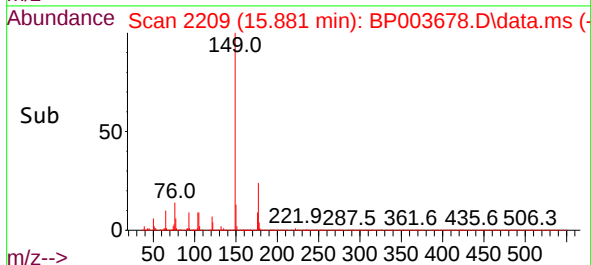
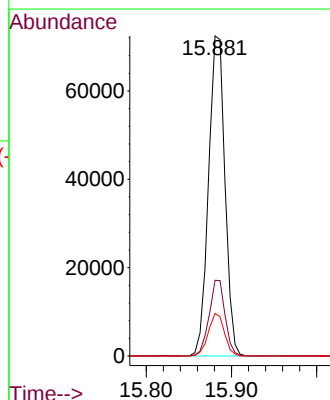
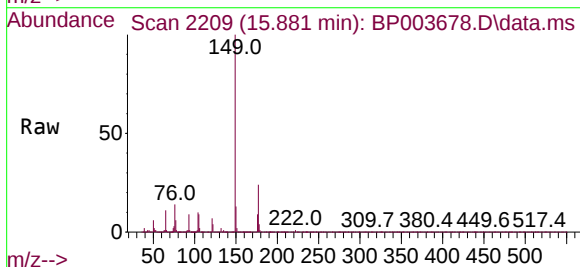
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2020

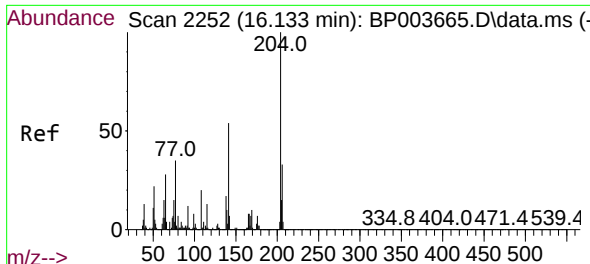
Tgt Ion:232	Resp:	25159
Ion Ratio	Lower	Upper
232	100	
131	37.2	34.1 51.1
130	1.9	1.8 2.8
166	28.1	24.6 36.8



#60
Diethylphthalate
Concen: 4.29 ng
RT: 15.881 min Scan# 2209
Delta R.T. -0.011 min
Lab File: BP003678.D
Acq: 20 Oct 2020 13:31

Tgt Ion:149	Resp:	96847
Ion Ratio	Lower	Upper
149	100	
177	23.6	18.0 27.0
150	13.3	10.0 15.0

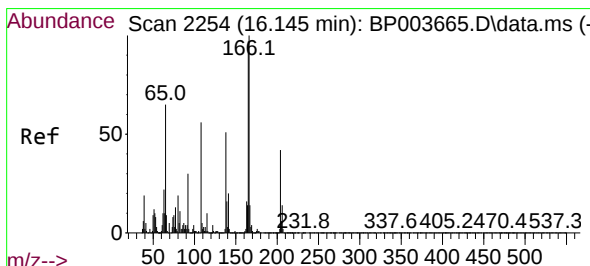
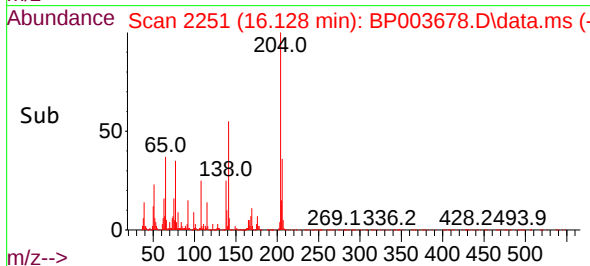
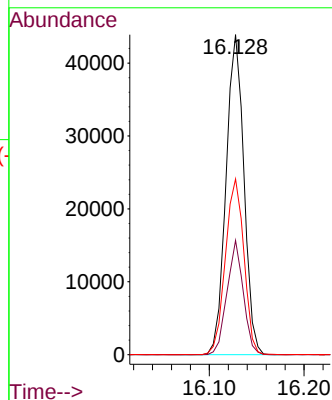
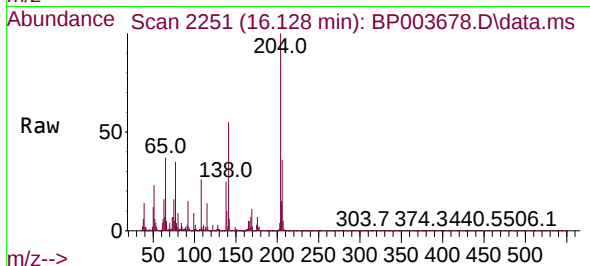




#61
4-Chlorophenyl-phenylether
Concen: 4.44 ng
RT: 16.128 min Scan# 2251
Delta R.T. -0.006 min
Lab File: BP003678.D
Acq: 20 Oct 2020 13:31

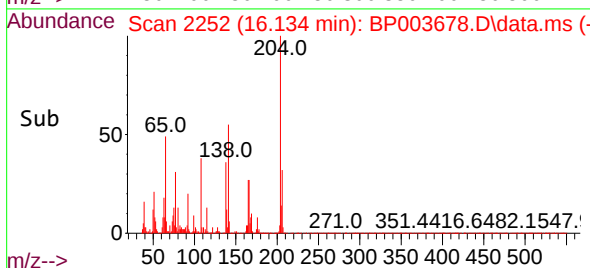
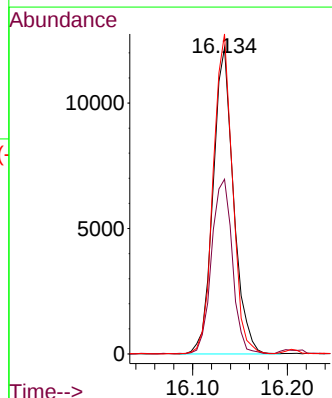
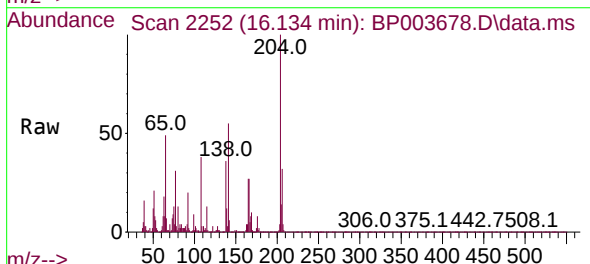
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2020

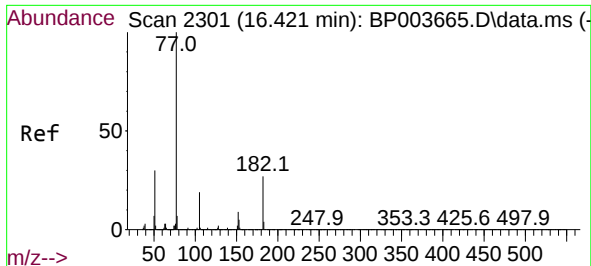
Tgt Ion:	204	Resp:	57614
Ion Ratio	Lower	Upper	
204	100		
206	35.7	25.9	38.9
141	54.9	46.5	69.7



#62
4-Nitroaniline
Concen: 3.60 ng
RT: 16.134 min Scan# 2252
Delta R.T. -0.011 min
Lab File: BP003678.D
Acq: 20 Oct 2020 13:31

Tgt Ion:	138	Resp:	18363
Ion Ratio	Lower	Upper	
138	100		
92	57.0	20.7	60.7
108	104.4	47.8	87.8#

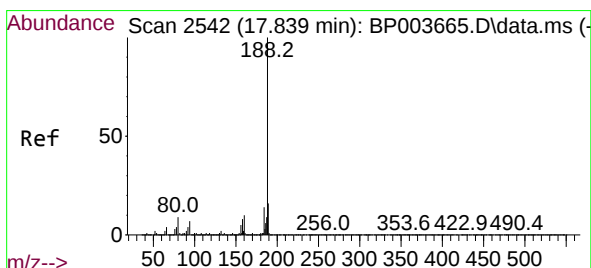
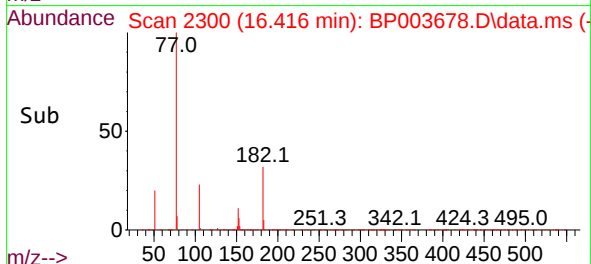
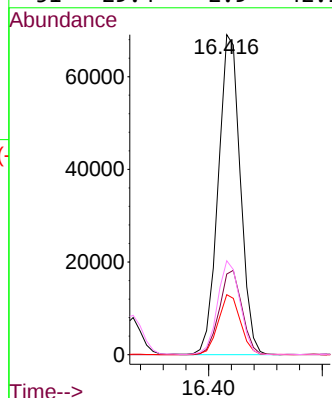
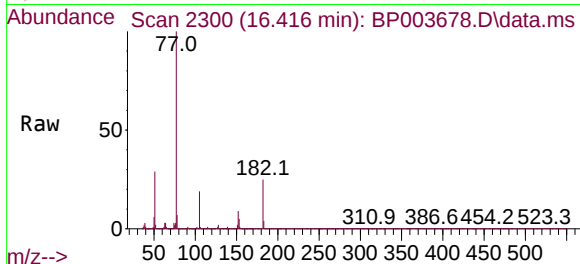




#63
Azobenzene
Concen: 4.39 ng
RT: 16.416 min Scan# 2300
Delta R.T. -0.006 min
Lab File: BP003678.D
Acq: 20 Oct 2020 13:31

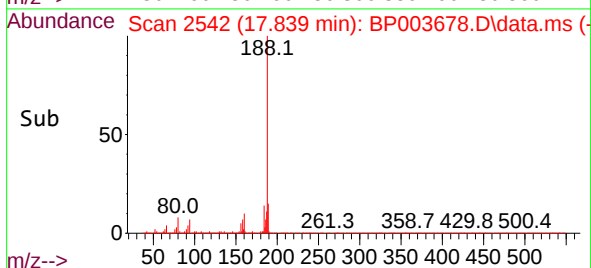
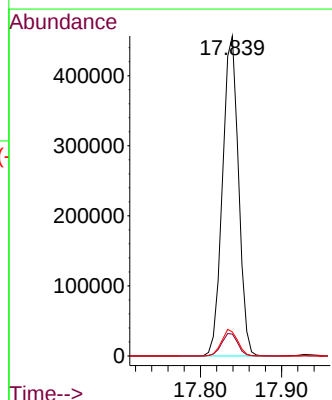
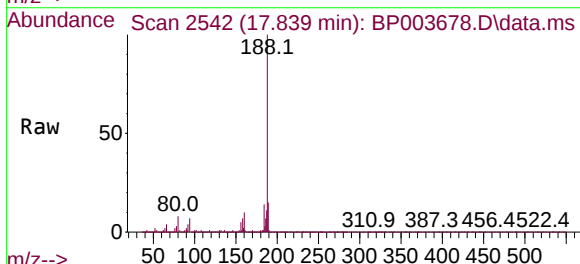
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2020

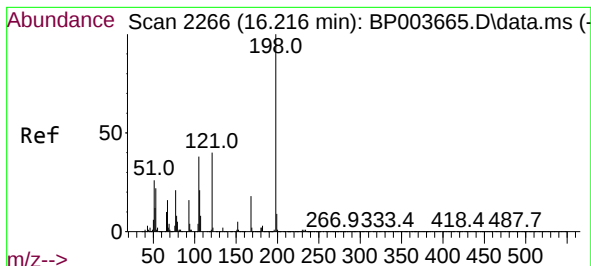
Tgt Ion: 77	Resp: 93177
Ion Ratio	Lower Upper
77 100	
182 25.2	16.9 56.9
105 18.7	5.6 45.6
51 29.4	2.9 42.9



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.839 min Scan# 2542
Delta R.T. 0.000 min
Lab File: BP003678.D
Acq: 20 Oct 2020 13:31

Tgt Ion: 188	Resp: 626946
Ion Ratio	Lower Upper
188 100	
94 6.8	6.2 9.2
80 7.5	6.2 9.2

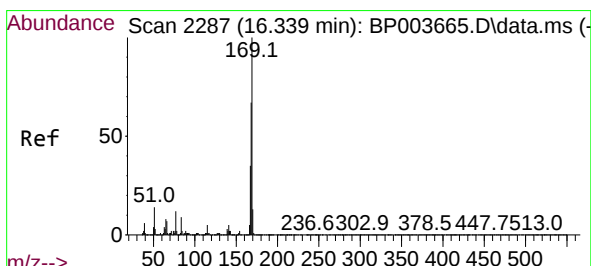
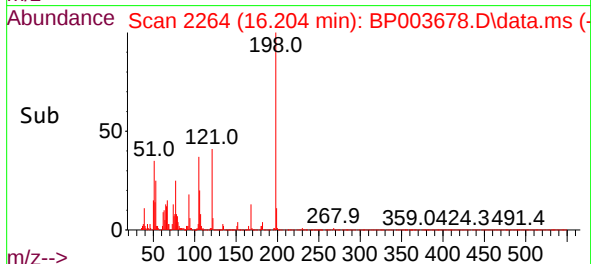
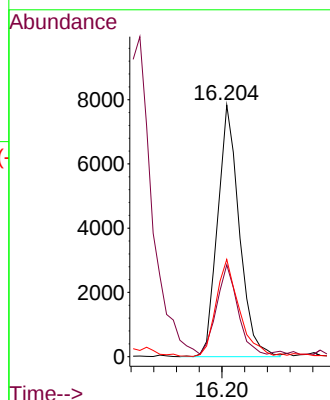
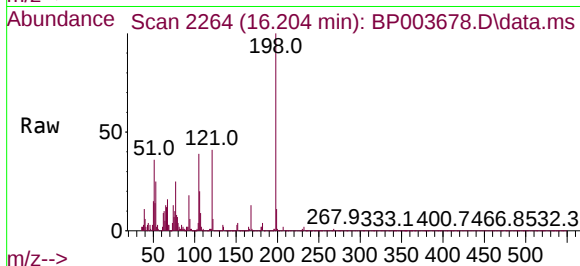




#65
4,6-Dinitro-2-methylphenol
Concen: 3.15 ng
RT: 16.204 min Scan# 2264
Delta R.T. -0.011 min
Lab File: BP003678.D
Acq: 20 Oct 2020 13:31

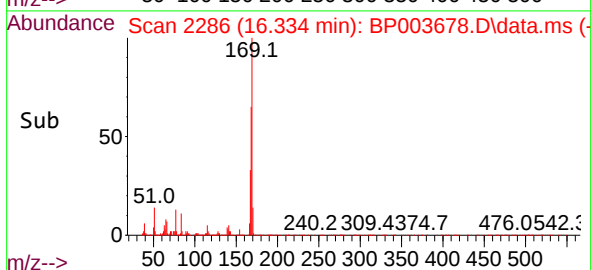
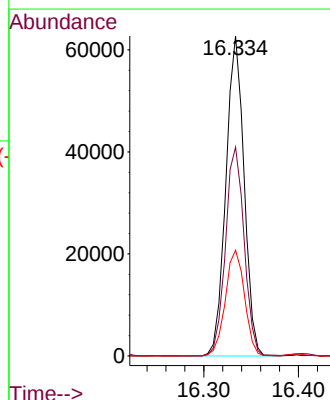
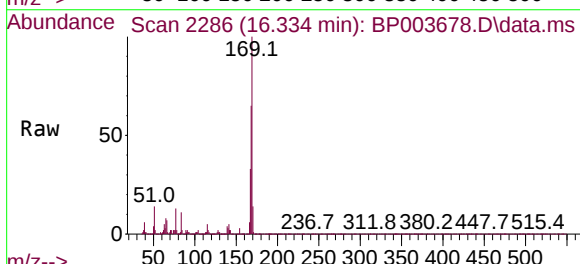
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2020

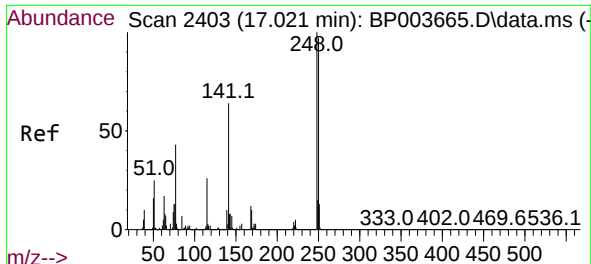
Tgt Ion:198	Resp:	10401
Ion Ratio	Lower	Upper
198	100	
51	36.5	6.4 46.4
105	38.6	18.9 58.9



#66
n-Nitrosodiphenylamine
Concen: 4.49 ng
RT: 16.334 min Scan# 2286
Delta R.T. -0.006 min
Lab File: BP003678.D
Acq: 20 Oct 2020 13:31

Tgt Ion:169	Resp:	83738
Ion Ratio	Lower	Upper
169	100	
168	65.3	53.8 80.6
167	33.1	28.9 43.3

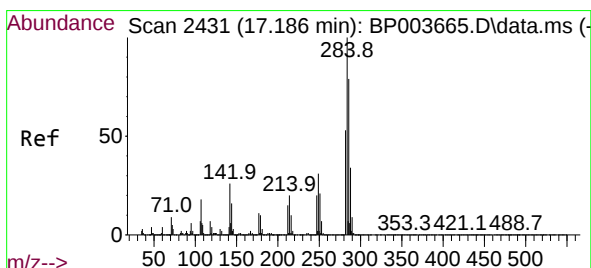
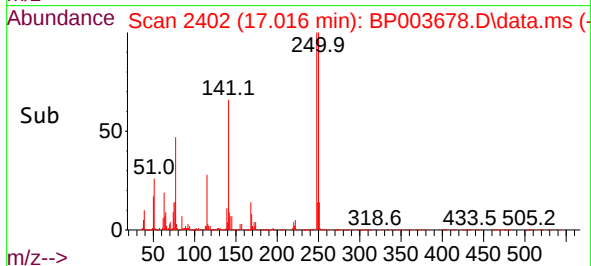
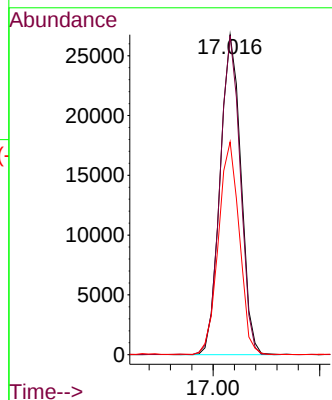
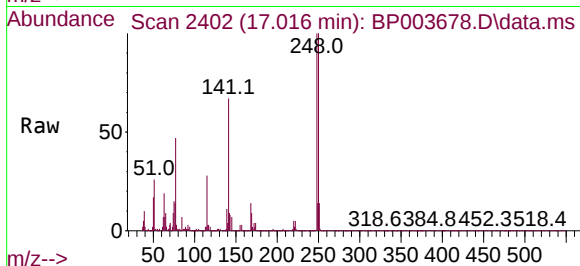




#67
4-Bromophenyl-phenylether
Concen: 4.31 ng
RT: 17.016 min Scan# 2402
Delta R.T. -0.006 min
Lab File: BP003678.D
Acq: 20 Oct 2020 13:31

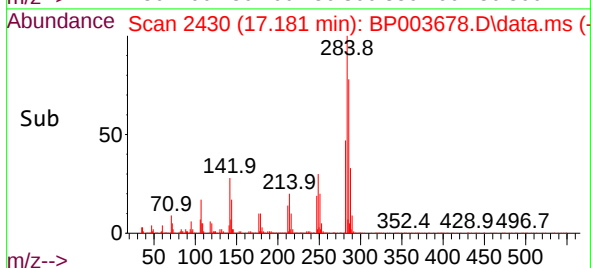
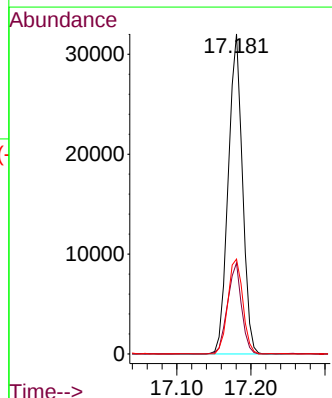
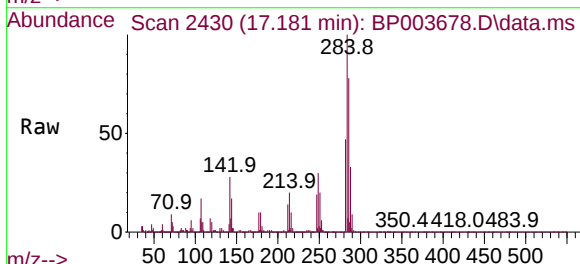
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2020

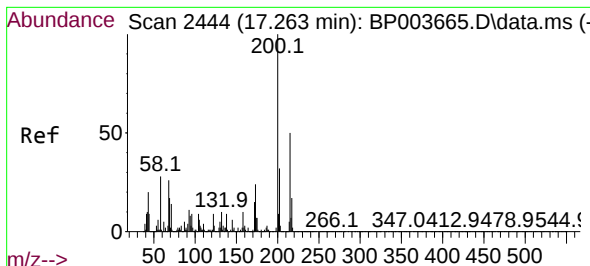
Tgt Ion:248 Resp: 36183
Ion Ratio Lower Upper
248 100
250 99.7 76.7 115.1
141 66.5 53.0 79.6



#68
Hexachlorobenzene
Concen: 4.40 ng
RT: 17.181 min Scan# 2430
Delta R.T. -0.006 min
Lab File: BP003678.D
Acq: 20 Oct 2020 13:31

Tgt Ion:284 Resp: 42492
Ion Ratio Lower Upper
284 100
142 28.4 24.2 36.4
249 29.6 23.8 35.8





#69

Atrazine

Concen: 3.87 ng

RT: 17.251 min Scan# 2442

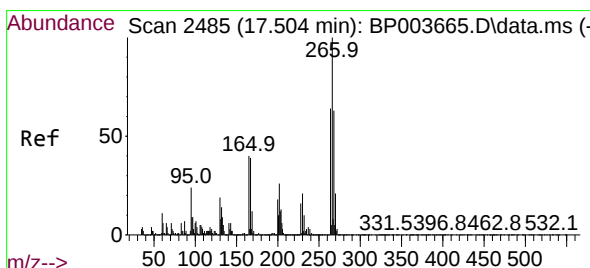
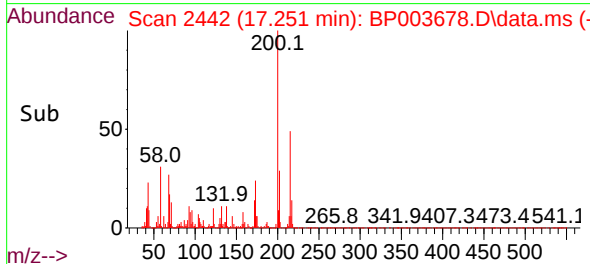
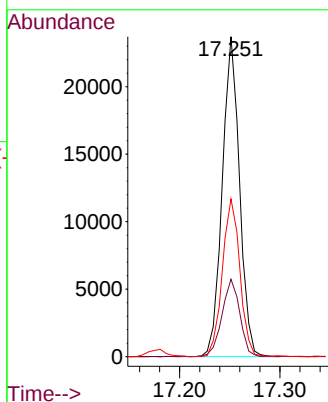
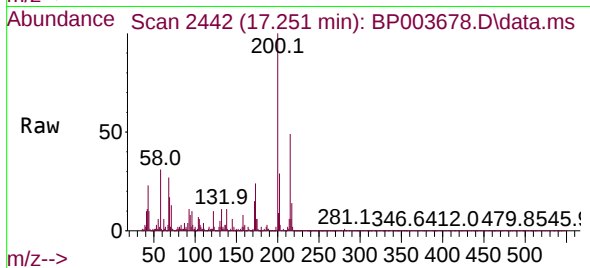
Delta R.T. -0.011 min

Lab File: BP003678.D

Acq: 20 Oct 2020 13:31

Tgt Ion:	200	Resp:	28192
Ion Ratio	Lower	Upper	
200	100		
173	24.2	5.9	45.9
215	49.3	28.4	68.4

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2020



#70

Pentachlorophenol

Concen: 2.91 ng

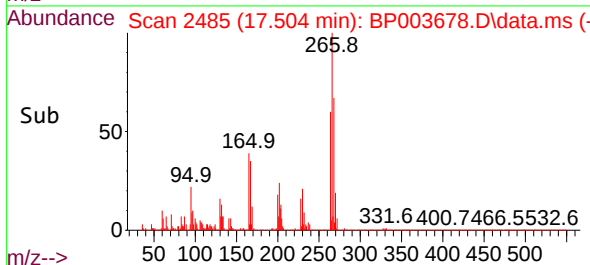
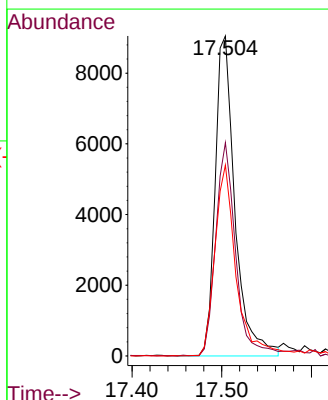
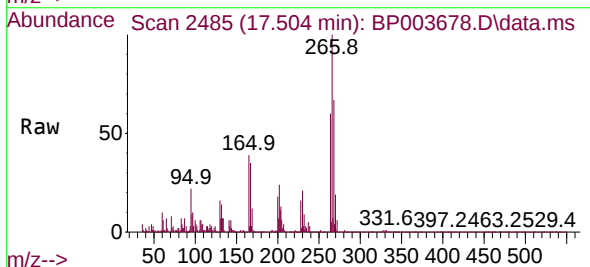
RT: 17.504 min Scan# 2485

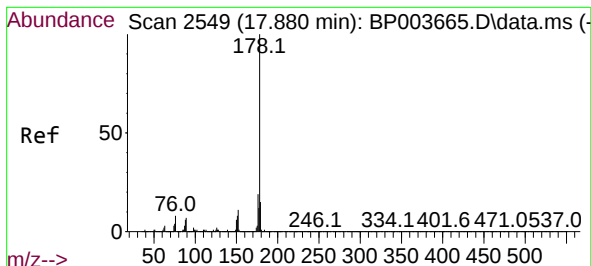
Delta R.T. 0.000 min

Lab File: BP003678.D

Acq: 20 Oct 2020 13:31

Tgt Ion:	266	Resp:	13870
Ion Ratio	Lower	Upper	
266	100		
268	70.5	51.1	76.7
264	59.7	50.6	76.0

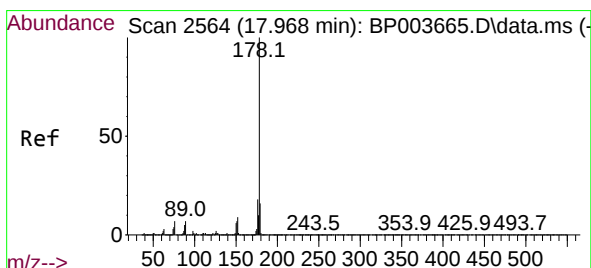
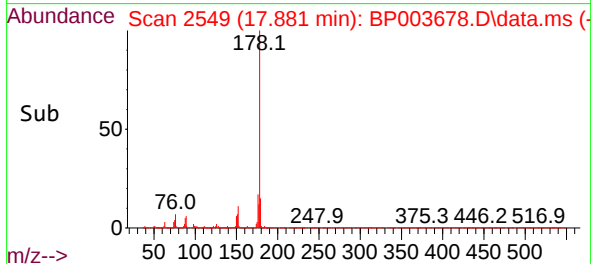
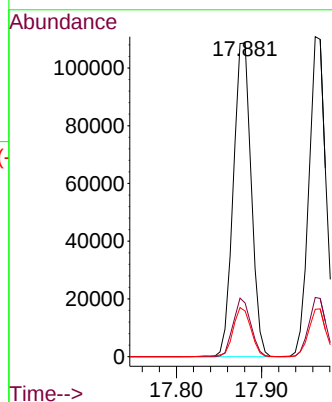
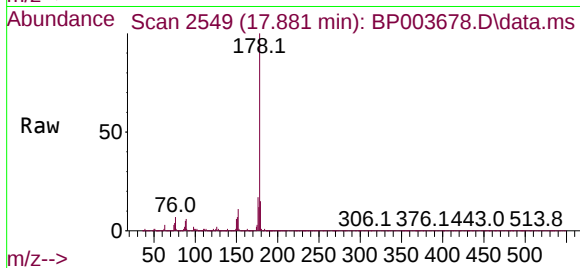




#71
Phenanthrene
Concen: 4.55 ng
RT: 17.881 min Scan# 2549
Delta R.T. 0.000 min
Lab File: BP003678.D
Acq: 20 Oct 2020 13:31

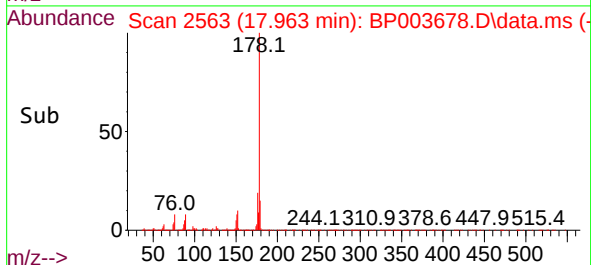
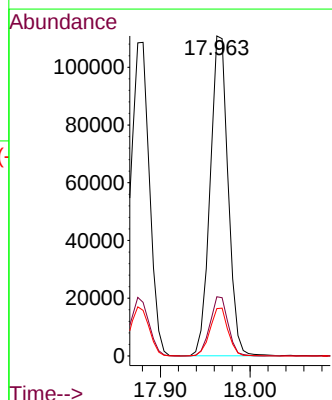
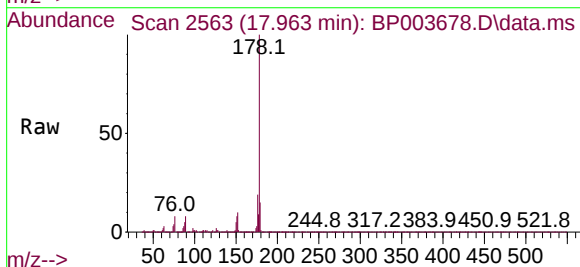
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2020

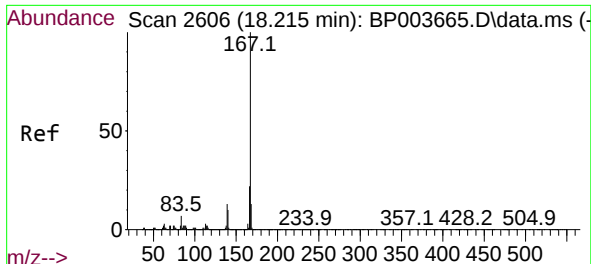
Tgt Ion:178 Resp: 158506
Ion Ratio Lower Upper
178 100
176 17.1 15.3 22.9
179 14.5 12.5 18.7



#72
Anthracene
Concen: 4.57 ng
RT: 17.963 min Scan# 2563
Delta R.T. -0.006 min
Lab File: BP003678.D
Acq: 20 Oct 2020 13:31

Tgt Ion:178 Resp: 153739
Ion Ratio Lower Upper
178 100
176 18.5 15.0 22.4
179 14.8 12.5 18.7

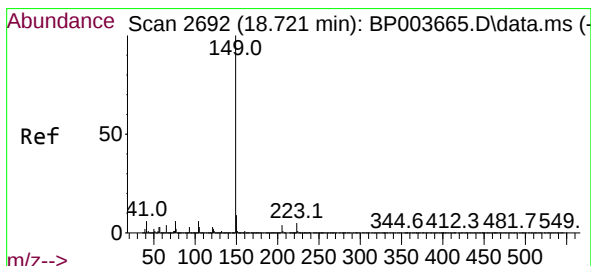
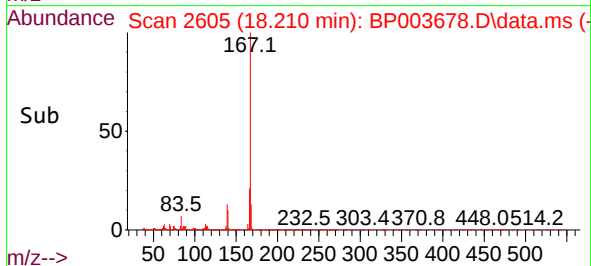
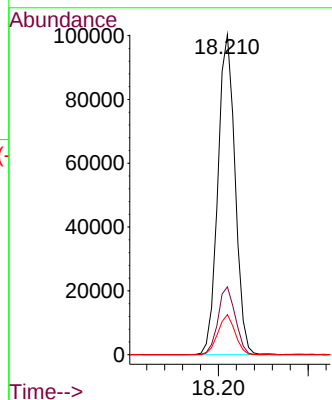
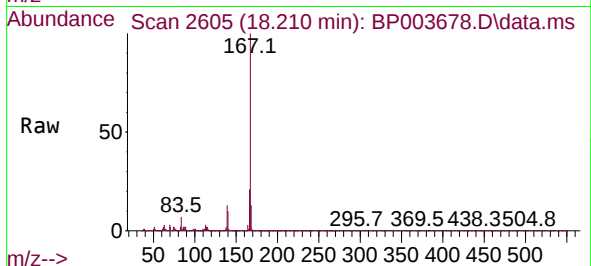




#73
 Carbazole
 Concen: 4.46 ng
 RT: 18.210 min Scan# 2605
 Delta R.T. -0.006 min
 Lab File: BP003678.D
 Acq: 20 Oct 2020 13:31

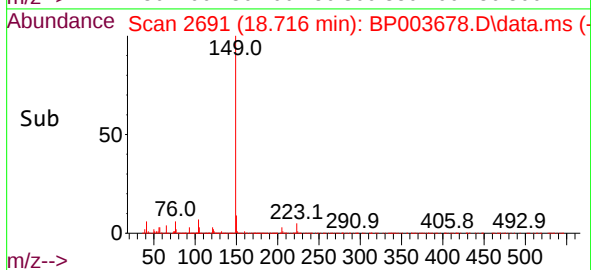
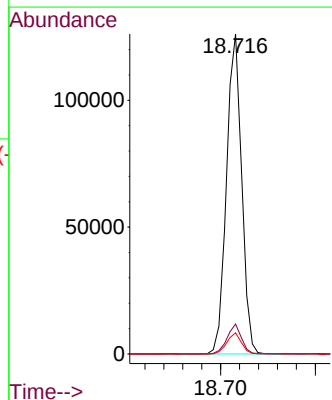
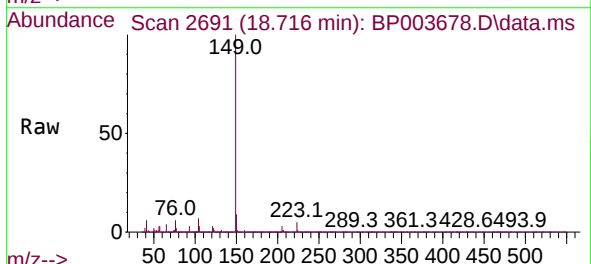
Instrument :
 BNA_P
 ClientSampleId :
 LOQ-SOIL-02-QT4-2020

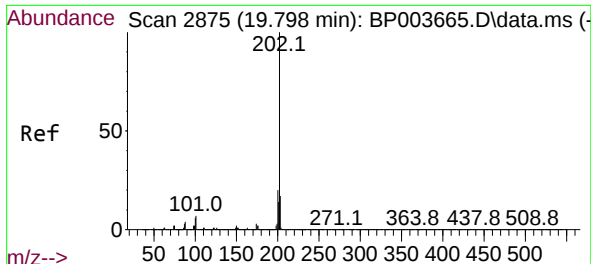
Tgt Ion:167	Resp: 133413
Ion Ratio	Lower Upper
167 100	
166 21.2	17.6 26.4
139 12.5	10.2 15.4



#74
 Di-n-butylphthalate
 Concen: 3.84 ng
 RT: 18.716 min Scan# 2691
 Delta R.T. -0.006 min
 Lab File: BP003678.D
 Acq: 20 Oct 2020 13:31

Tgt Ion:149	Resp: 140366		
Ion Ratio	Lower	Upper	
149 100			
150 9.3	7.3	10.9	
104 6.6	3.4	5.0#	

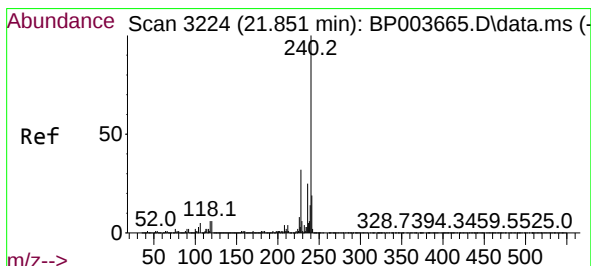
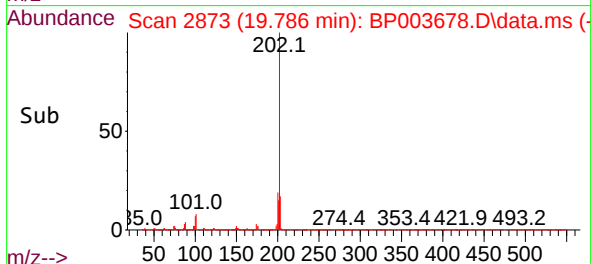
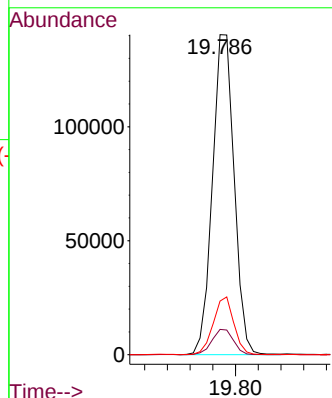
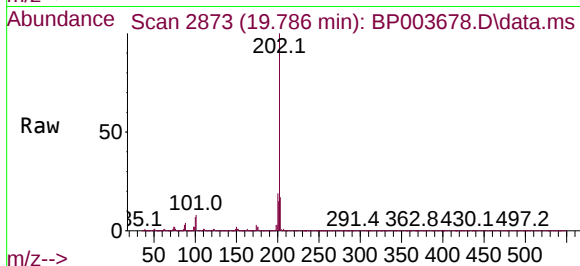




#75
Fluoranthene
Concen: 4.36 ng
RT: 19.786 min Scan# 2873
Delta R.T. -0.011 min
Lab File: BP003678.D
Acq: 20 Oct 2020 13:31

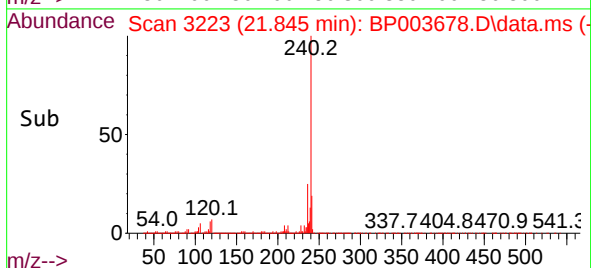
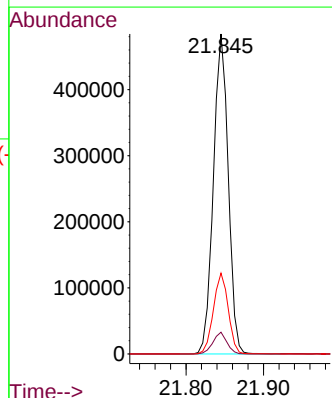
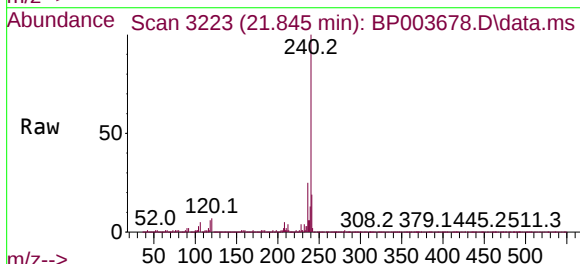
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2020

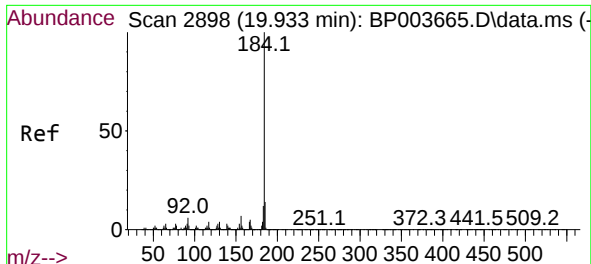
Tgt Ion:202 Resp: 186465
Ion Ratio Lower Upper
202 100
101 7.9 0.0 29.4
203 16.7 0.0 37.8



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.845 min Scan# 3223
Delta R.T. -0.006 min
Lab File: BP003678.D
Acq: 20 Oct 2020 13:31

Tgt Ion:240 Resp: 644344
Ion Ratio Lower Upper
240 100
120 6.8 7.8 11.6#
236 25.3 20.8 31.2

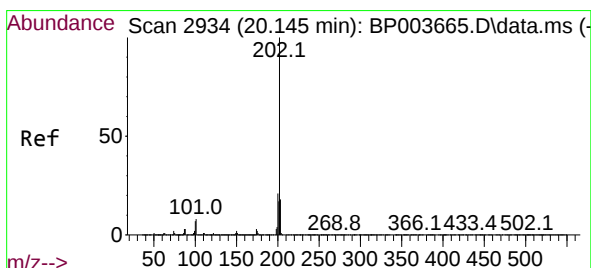
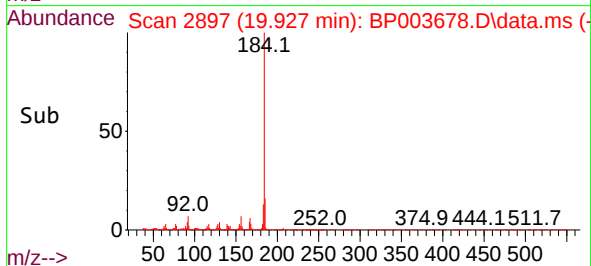
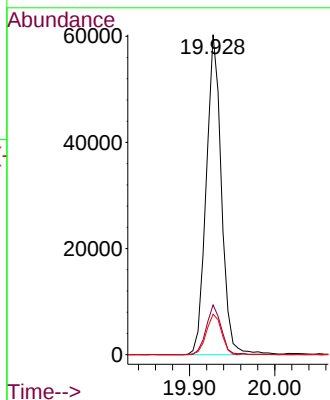
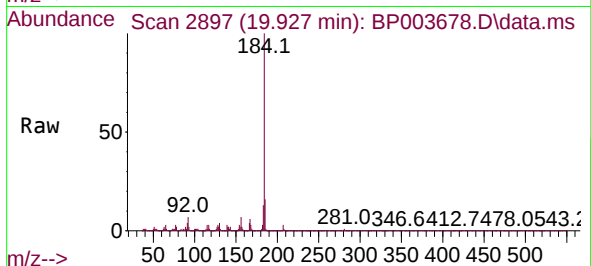




#77
Benzidine
Concen: 4.85 ng
RT: 19.927 min Scan# 2897
Delta R.T. -0.006 min
Lab File: BP003678.D
Acq: 20 Oct 2020 13:31

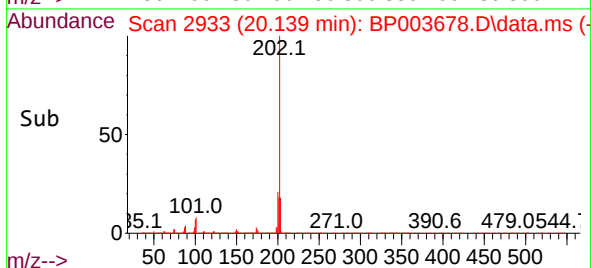
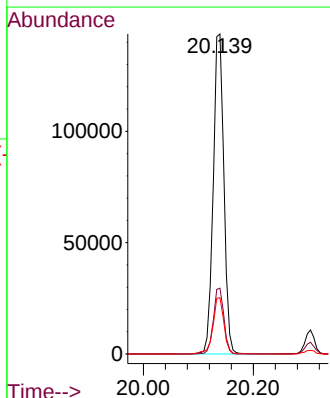
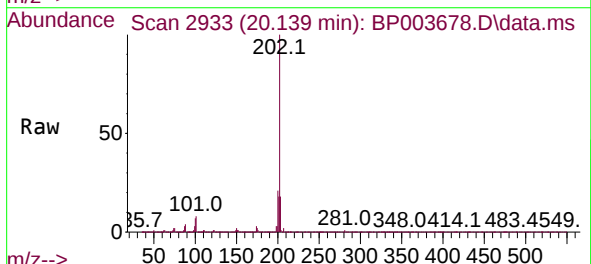
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2020

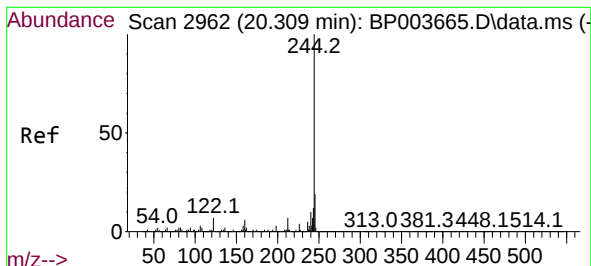
Tgt Ion:184	Resp:	74859
Ion Ratio	Lower	Upper
184	100	
185	15.6	11.5 17.3
183	12.7	9.6 14.4



#78
Pyrene
Concen: 4.49 ng
RT: 20.139 min Scan# 2933
Delta R.T. -0.006 min
Lab File: BP003678.D
Acq: 20 Oct 2020 13:31

Tgt Ion:202	Resp:	193864
Ion Ratio	Lower	Upper
202	100	
200	20.6	17.1 25.7
203	17.5	14.2 21.2

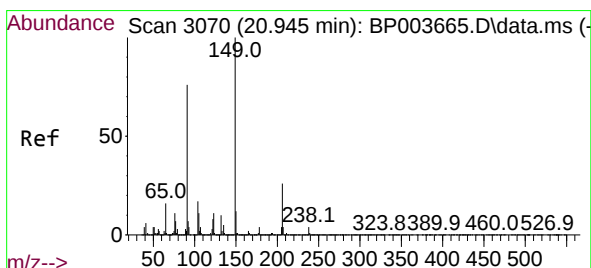
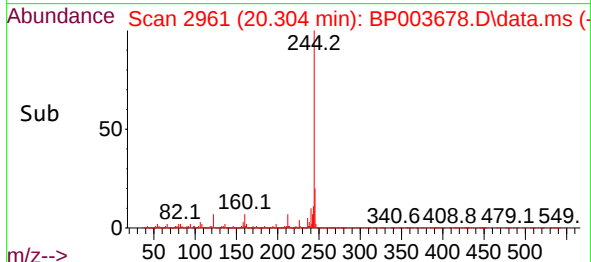
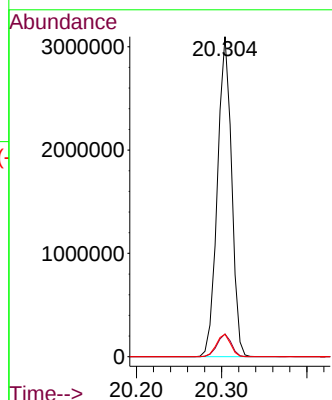
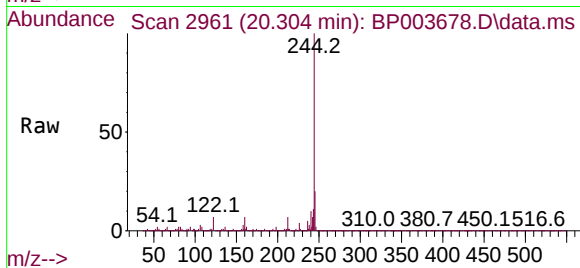




#79
Terphenyl-d14
Concen: 97.65 ng
RT: 20.304 min Scan# 2961
Delta R.T. -0.006 min
Lab File: BP003678.D
Acq: 20 Oct 2020 13:31

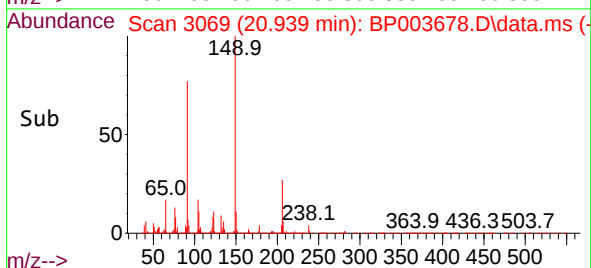
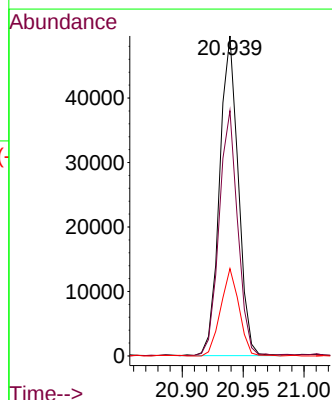
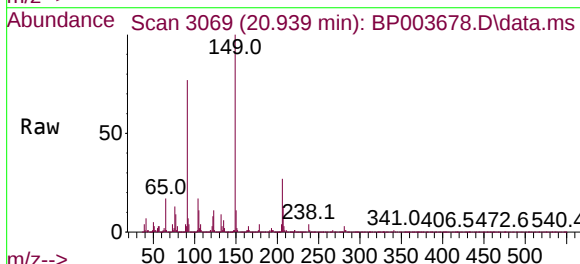
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2020

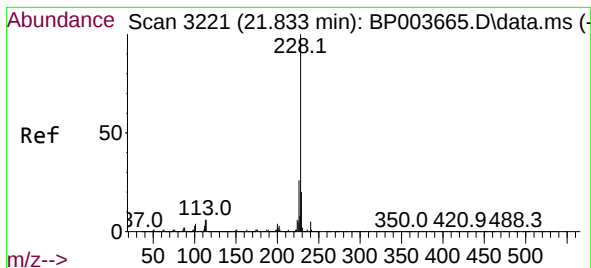
Tgt Ion:244 Resp: 3577444
Ion Ratio Lower Upper
244 100
212 7.1 5.8 8.6
122 7.0 7.8 11.8#



#80
Butylbenzylphthalate
Concen: 3.34 ng
RT: 20.939 min Scan# 3069
Delta R.T. -0.006 min
Lab File: BP003678.D
Acq: 20 Oct 2020 13:31

Tgt Ion:149 Resp: 52852
Ion Ratio Lower Upper
149 100
91 76.7 45.4 68.0#
206 27.3 17.1 25.7#

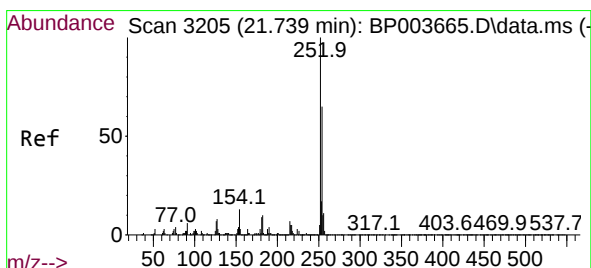
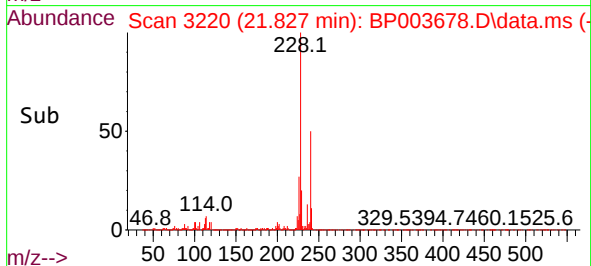
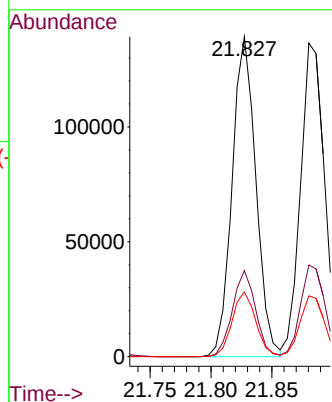
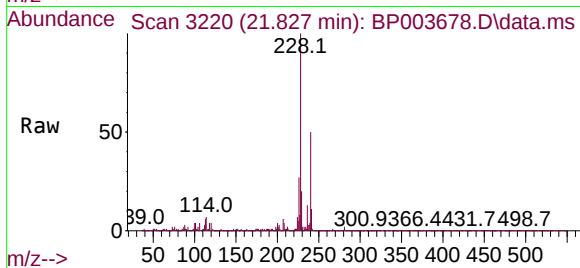




#81
Benzo(a)anthracene
Concen: 4.41 ng
RT: 21.827 min Scan# 3220
Delta R.T. -0.006 min
Lab File: BP003678.D
Acq: 20 Oct 2020 13:31

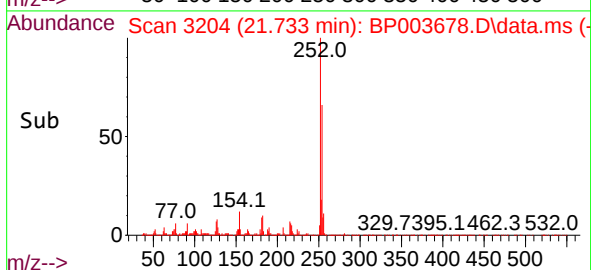
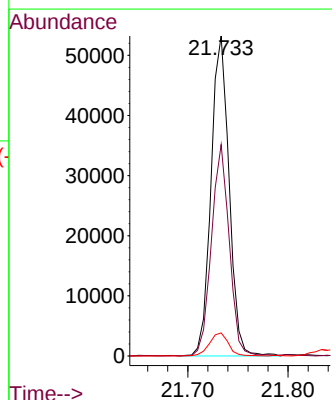
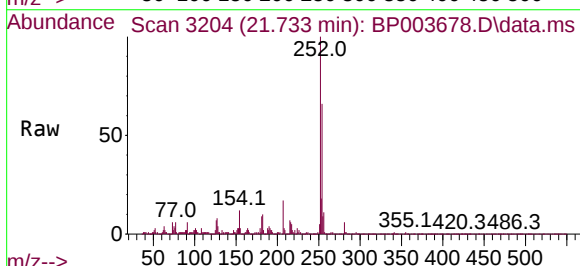
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2020

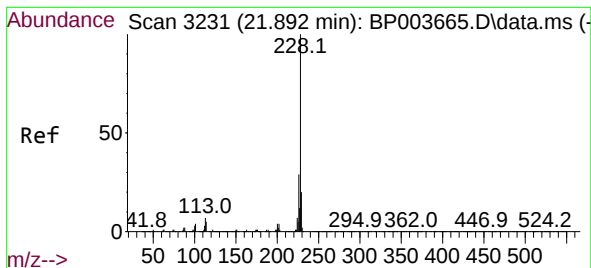
Tgt Ion:	228	Resp:	189325
Ion Ratio	Lower	Upper	
228	100		
226	26.9	22.1	33.1
229	20.2	15.9	23.9



#82
3,3'-Dichlorobenzidine
Concen: 4.43 ng
RT: 21.733 min Scan# 3204
Delta R.T. -0.006 min
Lab File: BP003678.D
Acq: 20 Oct 2020 13:31

Tgt Ion:	252	Resp:	66661
Ion Ratio	Lower	Upper	
252	100		
254	66.0	51.0	76.4
126	7.2	7.9	11.9





#83

Chrysene

Concen: 4.59 ng

RT: 21.880 min Scan# 3229

Delta R.T. -0.011 min

Lab File: BP003678.D

Acq: 20 Oct 2020 13:31

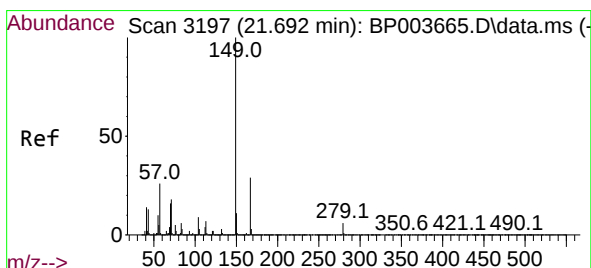
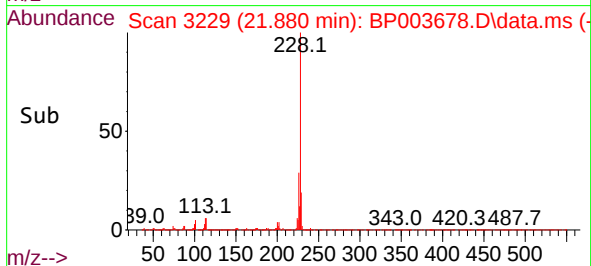
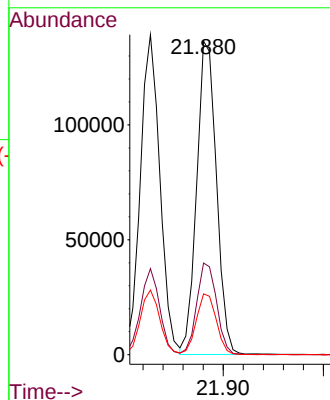
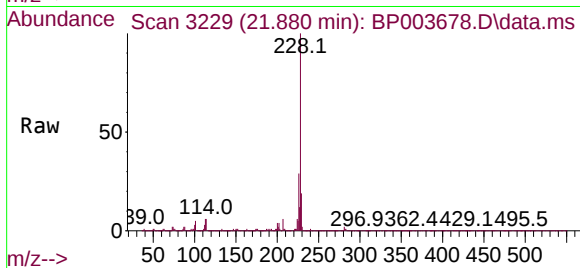
Tgt Ion:228 Resp: 187070

Ion Ratio Lower Upper

228 100

226 29.2 24.4 36.6

229 19.4 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.54 ng

RT: 21.692 min Scan# 3197

Delta R.T. 0.000 min

Lab File: BP003678.D

Acq: 20 Oct 2020 13:31

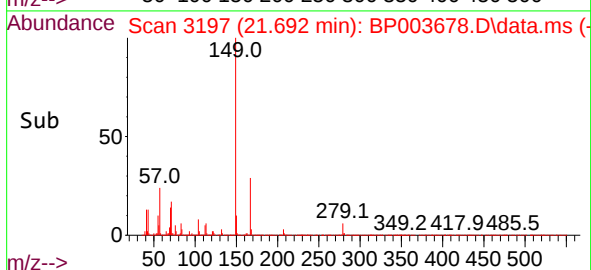
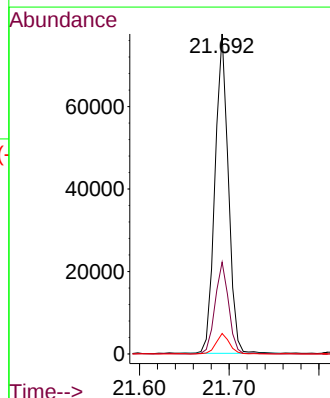
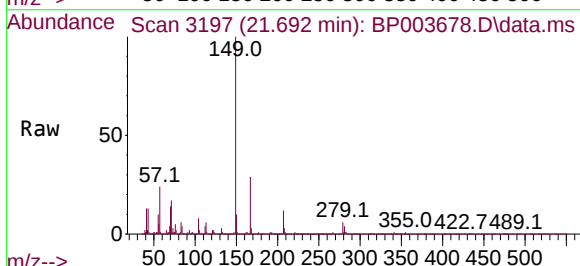
Tgt Ion:149 Resp: 80119

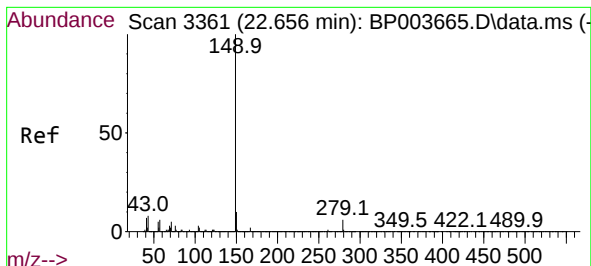
Ion Ratio Lower Upper

149 100

167 28.7 22.6 34.0

279 6.4 4.2 6.2#

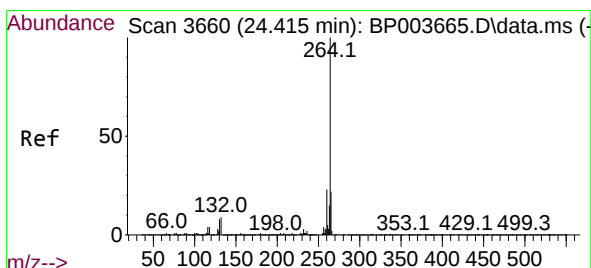
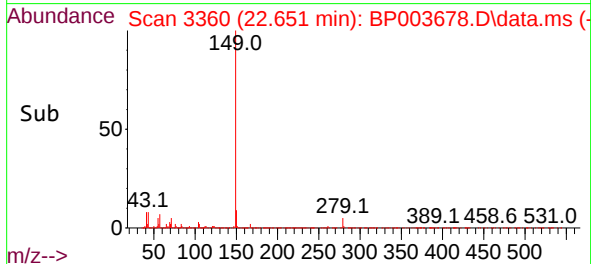
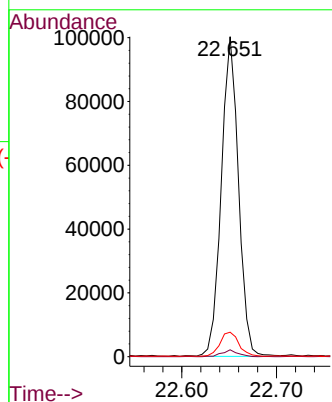
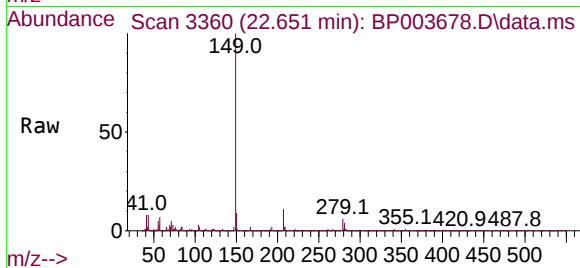




#85
Di-n-octyl phthalate
Concen: 3.45 ng
RT: 22.651 min Scan# 3360
Delta R.T. -0.006 min
Lab File: BP003678.D
Acq: 20 Oct 2020 13:31

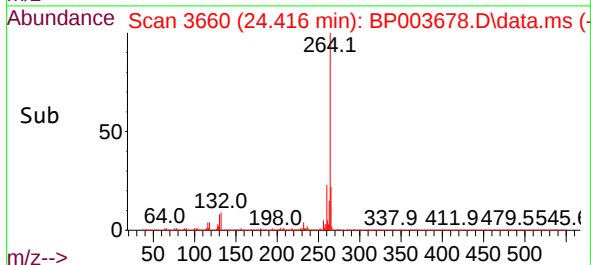
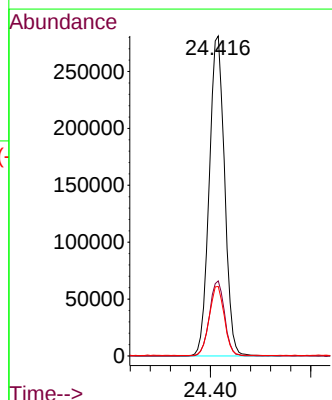
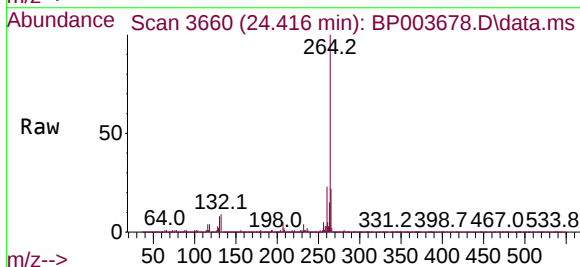
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2020

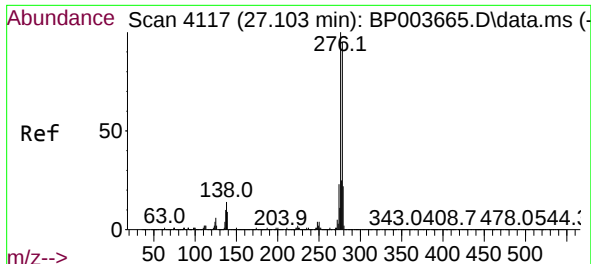
Tgt Ion:149 Resp: 126703
Ion Ratio Lower Upper
149 100
167 2.0 1.3 1.9#
43 8.2 3.7 5.5#



#86
Perylene-d12
Concen: 20.00 ng
RT: 24.416 min Scan# 3660
Delta R.T. 0.000 min
Lab File: BP003678.D
Acq: 20 Oct 2020 13:31

Tgt Ion:264 Resp: 596577
Ion Ratio Lower Upper
264 100
260 23.4 18.8 28.2
265 21.7 17.4 26.2

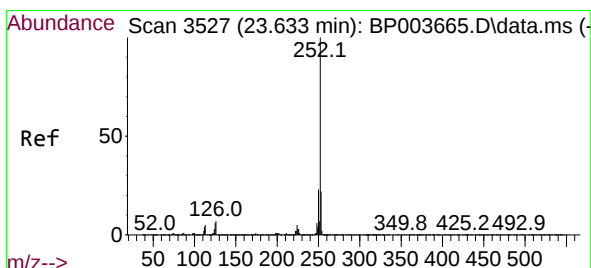
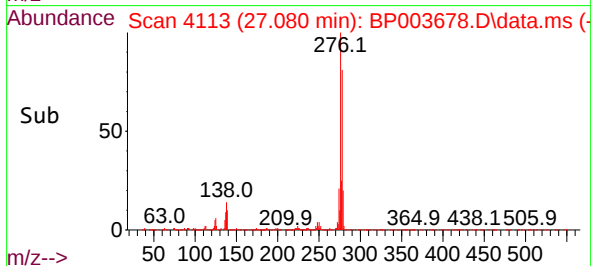
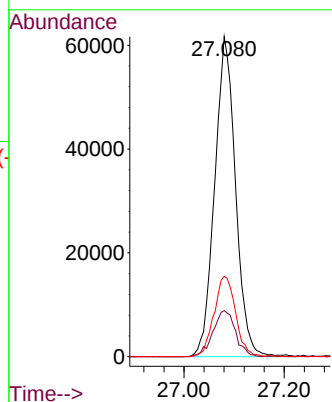
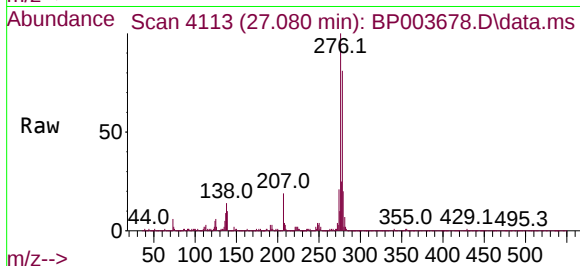




#87
Indeno(1,2,3-cd)pyrene
Concen: 4.16 ng
RT: 27.080 min Scan# 4113
Delta R.T. -0.023 min
Lab File: BP003678.D
Acq: 20 Oct 2020 13:31

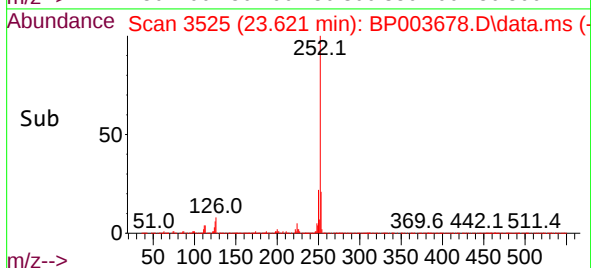
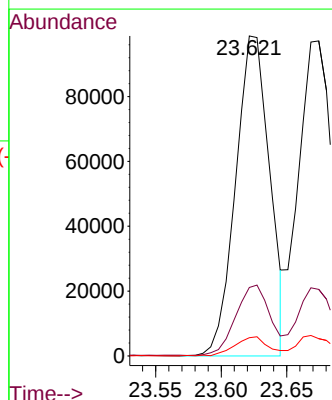
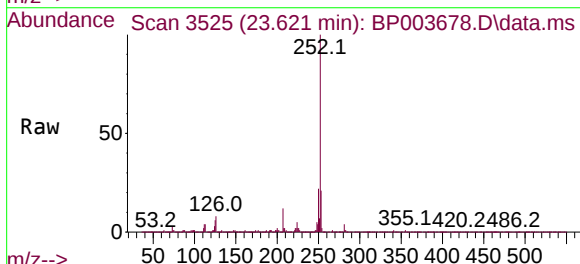
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2020

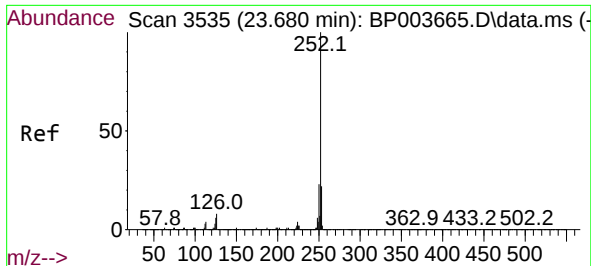
Tgt Ion:276 Resp: 177933
Ion Ratio Lower Upper
276 100
138 15.6 18.7 28.1#
277 25.9 20.4 30.6



#88
Benzo(b)fluoranthene
Concen: 4.28 ng
RT: 23.621 min Scan# 3525
Delta R.T. -0.011 min
Lab File: BP003678.D
Acq: 20 Oct 2020 13:31

Tgt Ion:252 Resp: 178307
Ion Ratio Lower Upper
252 100
253 21.4 17.6 26.4
125 5.7 7.3 10.9#





#89

Benzo(k)fluoranthene

Concen: 4.56 ng

RT: 23.674 min Scan# 3534

Delta R.T. -0.006 min

Lab File: BP003678.D

Acq: 20 Oct 2020 13:31

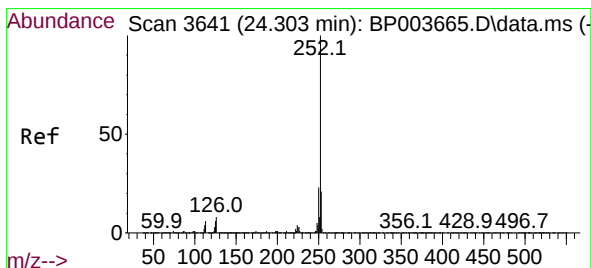
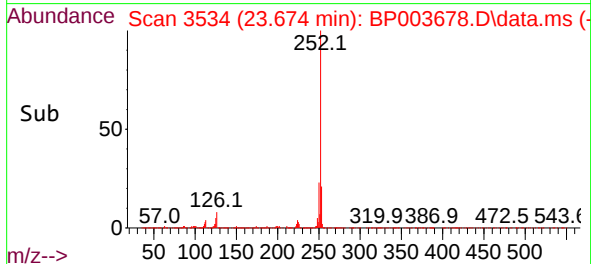
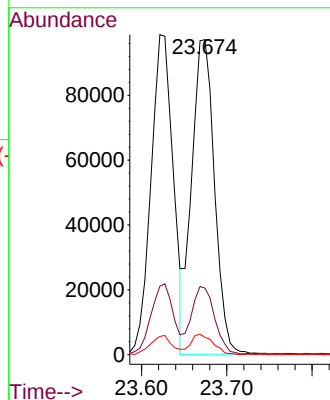
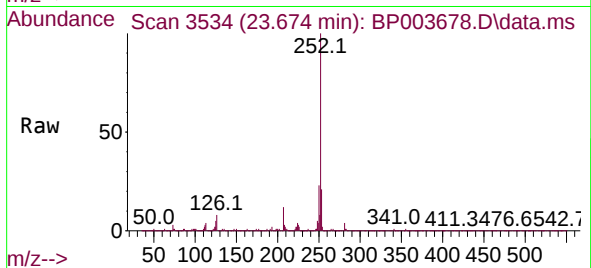
Instrument :

BNA_P

ClientSampleId :

LOQ-SOIL-02-QT4-2020

Tgt Ion:252	Resp:	181025
Ion Ratio	Lower	Upper
252	100	
253	21.1	17.8 26.8
125	5.5	7.4 11.2#



#90

Benzo(a)pyrene

Concen: 4.13 ng

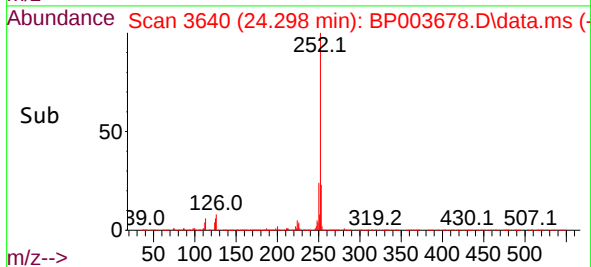
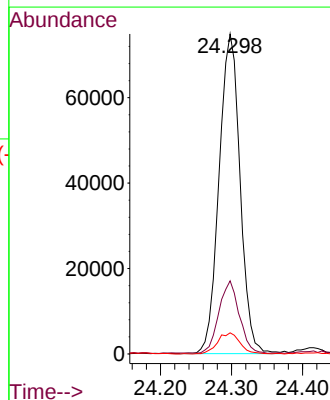
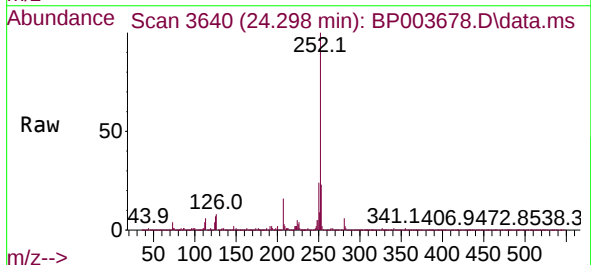
RT: 24.298 min Scan# 3640

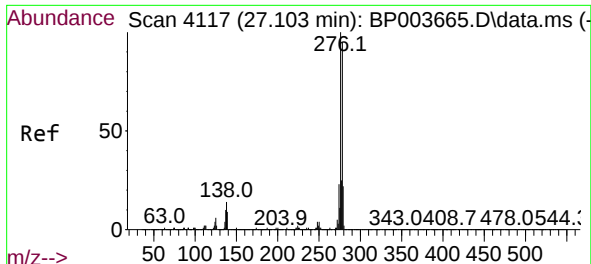
Delta R.T. -0.006 min

Lab File: BP003678.D

Acq: 20 Oct 2020 13:31

Tgt Ion:252	Resp:	153410
Ion Ratio	Lower	Upper
252	100	
253	22.8	17.4 26.0
125	6.6	8.2 12.4#

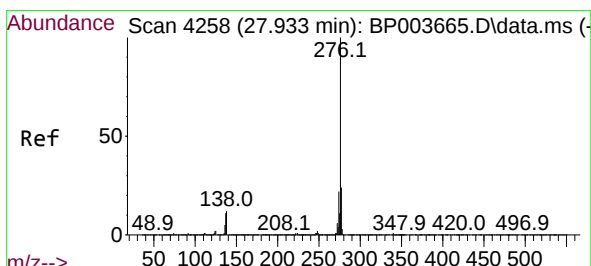
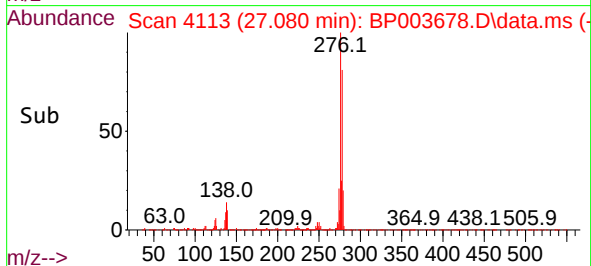
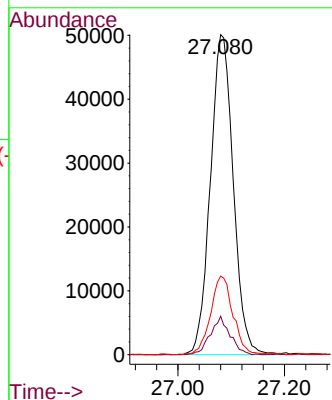
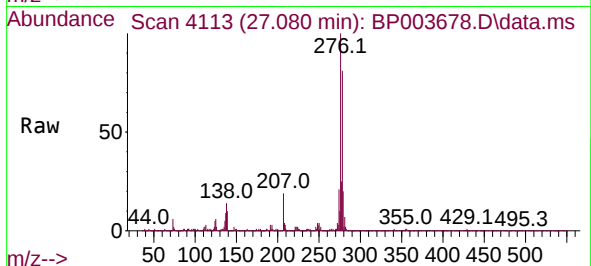




#91
Dibenzo(a,h)anthracene
Concen: 4.17 ng
RT: 27.080 min Scan# 4113
Delta R.T. -0.023 min
Lab File: BP003678.D
Acq: 20 Oct 2020 13:31

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2020

Tgt Ion:278 Resp: 149323
Ion Ratio Lower Upper
278 100
139 12.0 12.4 18.6#
279 24.6 19.0 28.6



#92
Benzo(g,h,i)perylene
Concen: 4.34 ng
RT: 27.909 min Scan# 4254
Delta R.T. -0.023 min
Lab File: BP003678.D
Acq: 20 Oct 2020 13:31

Tgt Ion:276 Resp: 144042
Ion Ratio Lower Upper
276 100
277 24.1 19.0 28.6
138 12.0 16.6 24.8#

