

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102120\
 Data File : BP003689.D
 Acq On : 21 Oct 2020 13:00
 Operator : CG/JU
 Sample : L4214-03
 Misc : MDL-MDL-SOIL-4PPM
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MDL-SOIL-03-QT4-2020

Quant Time: Oct 21 13:27:51 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP101920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 21 13:27:05 2020
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.528	152	131405	20.00	ng	0.00
21) Naphthalene-d8	11.369	136	459338	20.00	ng	# 0.00
39) Acenaphthene-d10	15.128	164	306260	20.00	ng	0.00
64) Phenanthrene-d10	17.839	188	683217	20.00	ng	0.00
76) Chrysene-d12	21.851	240	713183	20.00	ng	# 0.00
86) Perylene-d12	24.427	264	673584	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.022	112	1149891	146.33	ng	0.00
7) Phenol-d6	7.675	99	1529416	137.75	ng	0.00
23) Nitrobenzene-d5	9.693	82	1062779	97.88	ng	0.00
42) 2,4,6-Tribromophenol	16.598	330	698845	146.26	ng	0.00
45) 2-Fluorobiphenyl	13.757	172	2452060	103.51	ng	0.00
79) Terphenyl-d14	20.310	244	4116398	101.51	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.687	88	13661	4.07	ng	# 87
3) Pyridine	4.134	79	35528	3.74	ng	# 90
4) n-Nitrosodimethylamine	4.022	42	14455	3.57	ng	# 59
6) Aniline	7.822	93	47652	3.87	ng	# 83
8) 2-Chlorophenol	8.093	128	29115	3.72	ng	# 81
9) Benzaldehyde	7.622	77	28923	4.94	ng	# 77
10) Phenol	7.699	94	39874	3.77	ng	72
11) bis(2-Chloroethyl)ether	7.905	93	31161	3.71	ng	81
12) 1,3-Dichlorobenzene	8.422	146	36382	3.61	ng	# 91
13) 1,4-Dichlorobenzene	8.563	146	37607	3.69	ng	# 93
14) 1,2-Dichlorobenzene	8.899	146	35681	3.70	ng	# 90
15) Benzyl Alcohol	8.752	79	28527	3.36	ng	# 82
16) 2,2'-oxybis(1-Chloropr...	9.052	45	30197	3.63	ng	97
17) 2-Methylphenol	8.969	107	24913	3.56	ng	# 90
18) Hexachloroethane	9.652	117	13404	3.41	ng	98
19) n-Nitroso-di-n-propyla...	9.322	70	23003	3.39	ng	# 85
20) 3+4-Methylphenols	9.299	107	32975	3.50	ng	91
22) Acetophenone	9.340	105	49577	3.69	ng	# 89
24) Nitrobenzene	9.734	77	43071	4.12	ng	# 78
25) Isophorone	10.257	82	61923	3.54	ng	# 90
26) 2-Nitrophenol	10.463	139	12265	3.14	ng	# 71
27) 2,4-Dimethylphenol	10.516	122	24519	4.00	ng	# 79
28) bis(2-Chloroethoxy)met...	10.728	93	40189	3.60	ng	98
29) 2,4-Dichlorophenol	11.010	162	26832	3.34	ng	96
30) 1,2,4-Trichlorobenzene	11.234	180	38113	3.70	ng	95
31) Naphthalene	11.422	128	92672	3.74	ng	99
32) Benzoic acid	10.593	122	4074	1.12	ng	# 76
33) 4-Chloroaniline	11.504	127	36277	3.55	ng	# 83
34) Hexachlorobutadiene	11.734	225	27425	3.53	ng	97
35) Caprolactam	12.193	113	6873	2.92	ng	84
36) 4-Chloro-3-methylphenol	12.598	107	28193	3.23	ng	86
37) 2-Methylnaphthalene	12.987	142	65851	3.66	ng	# 93
38) 1-Methylnaphthalene	12.987	142	65851	3.88	ng	98
40) 1,2,4,5-Tetrachloroben...	13.357	216	46357	3.82	ng	97
41) Hexachlorocyclopentadiene	13.357	237	26055	3.71	ng	99
43) 2,4,6-Trichlorophenol	13.575	196	21466	2.97	ng	100

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 ALS Vial : 5 Sample Multiplier: 1

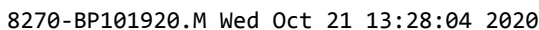
Instrument :
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 ClientSampleId :
 MDL-SOIL-03-QT4-2020

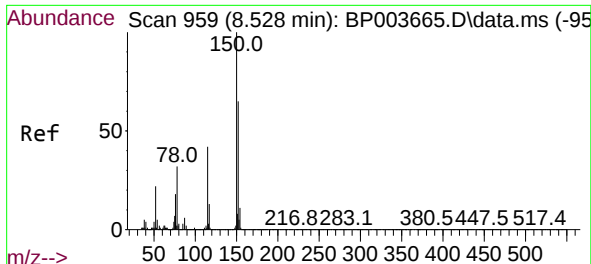
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 21 13:27:05 2020
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.651	196	24201	3.23	ng	# 92
46) 1,1'-Biphenyl	13.963	154	92333	3.87	ng	97
47) 2-Chloronaphthalene	14.016	162	71038	3.56	ng	100
48) 2-Nitroaniline	14.181	65	15422	2.61	ng	# 55
49) Acenaphthylene	14.845	152	98009	3.44	ng	99
50) Dimethylphthalate	14.539	163	86359	3.43	ng	98
51) 2,6-Dinitrotoluene	14.657	165	16052	3.14	ng	# 48
52) Acenaphthene	15.187	154	66184	3.44	ng	96
53) 3-Nitroaniline	14.987	138	15117	3.01	ng	# 58
54) 2,4-Dinitrophenol	15.192	184	4426	1.89	ng	# 1
55) Dibenzofuran	15.510	168	107254	3.69	ng	99
56) 4-Nitrophenol	15.292	139	10020	2.67	ng	# 51
57) 2,4-Dinitrotoluene	15.439	165	20721	2.99	ng	# 64
58) Fluorene	16.157	166	85182	3.63	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.739	232	19960	2.78	ng	94
60) Diethylphthalate	15.886	149	79798	3.24	ng	94
61) 4-Chlorophenyl-phenyle...	16.134	204	50780	3.58	ng	94
62) 4-Nitroaniline	16.134	138	14444	2.59	ng	# 50
63) Azobenzene	16.422	77	79725	3.44	ng	85
65) 4,6-Dinitro-2-methylph...	16.210	198	8489	2.36	ng	90
66) n-Nitrosodiphenylamine	16.339	169	72632	3.57	ng	96
67) 4-Bromophenyl-phenylether	17.022	248	30752	3.36	ng	95
68) Hexachlorobenzene	17.186	284	36647	3.48	ng	94
69) Atrazine	17.257	200	24738	3.12	ng	96
70) Pentachlorophenol	17.510	266	11333	2.18	ng	92
71) Phenanthrene	17.880	178	139342	3.67	ng	98
72) Anthracene	17.969	178	133854	3.65	ng	99
73) Carbazole	18.216	167	113672	3.48	ng	95
74) Di-n-butylphthalate	18.722	149	113123	2.84	ng	# 97
75) Fluoranthene	19.792	202	160828	3.45	ng	97
77) Benzidine	19.933	184	54717	3.20	ng	98
78) Pyrene	20.139	202	166293	3.48	ng	99
80) Butylbenzylphthalate	20.945	149	43144	2.47	ng	# 81
81) Benzo(a)anthracene	21.833	228	166529	3.50	ng	98
82) 3,3'-Dichlorobenzidine	21.739	252	55831	3.35	ng	98
83) Chrysene	21.892	228	163317	3.62	ng	99
84) Bis(2-ethylhexyl)phtha...	21.698	149	65005	2.60	ng	98
85) Di-n-octyl phthalate	22.657	149	101733	2.50	ng	# 92
87) Indeno(1,2,3-cd)pyrene	27.098	276	156024	3.23	ng	# 92
88) Benzo(b)fluoranthene	23.633	252	153391	3.26	ng	# 97
89) Benzo(k)fluoranthene	23.680	252	156019	3.48	ng	# 94
90) Benzo(a)pyrene	24.310	252	133148	3.18	ng	# 95
91) Dibenzo(a,h)anthracene	27.092	278	129828	3.21	ng	# 92
92) Benzo(g,h,i)perylene	27.921	276	124032	3.31	ng	# 92

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

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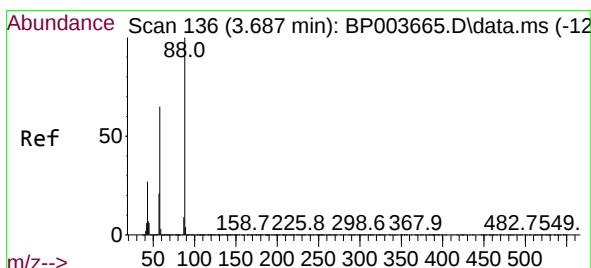
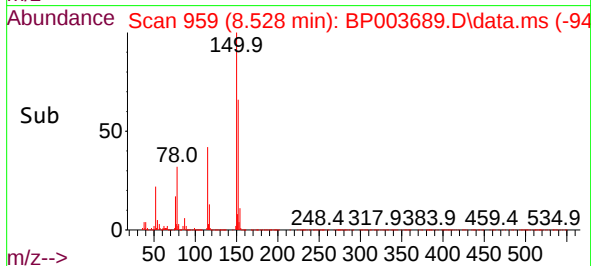
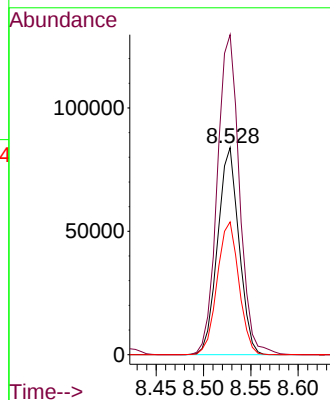
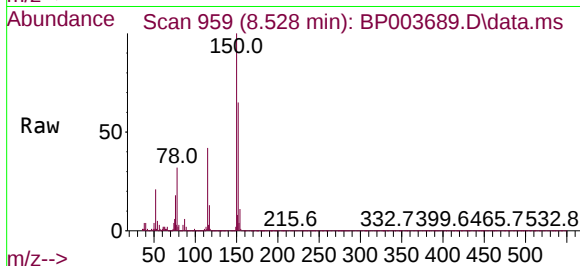




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.528 min Scan# 959
Delta R.T. 0.000 min
Lab File: BP003689.D
Acq: 21 Oct 2020 13:00

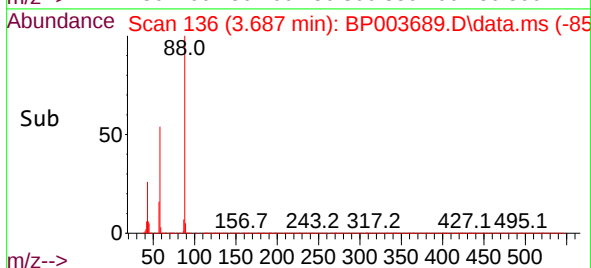
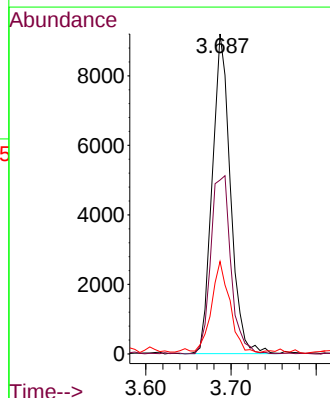
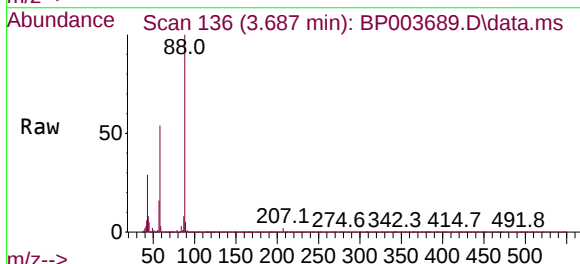
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT4-2020

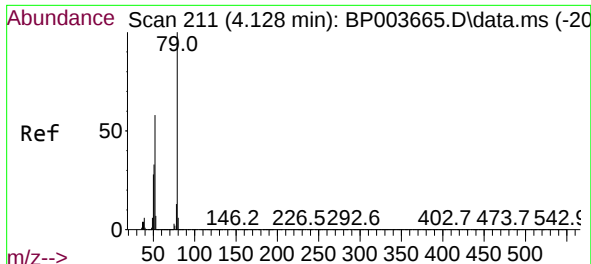
Tgt Ion:152 Resp: 131405
Ion Ratio Lower Upper
152 100
150 154.5 123.8 185.6
115 64.2 43.8 65.6



#2
1,4-Dioxane
Concen: 4.07 ng
RT: 3.687 min Scan# 136
Delta R.T. 0.000 min
Lab File: BP003689.D
Acq: 21 Oct 2020 13:00

Tgt Ion: 88 Resp: 13661
Ion Ratio Lower Upper
88 100
58 61.8 44.2 66.4
43 30.0 15.2 22.8#

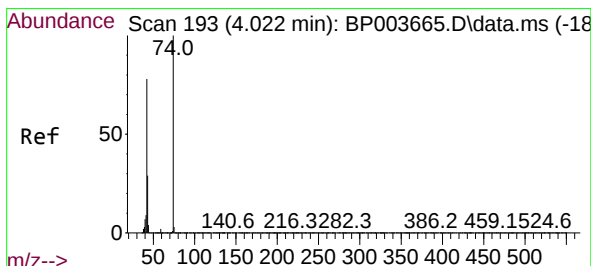
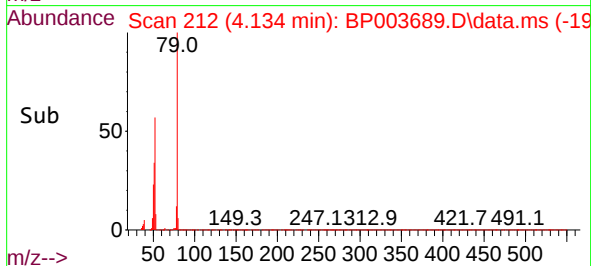
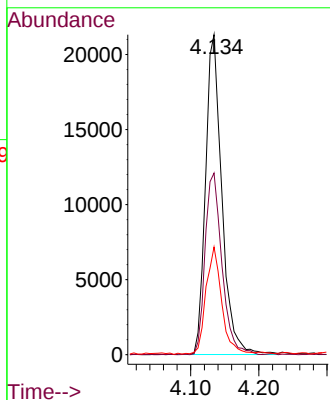
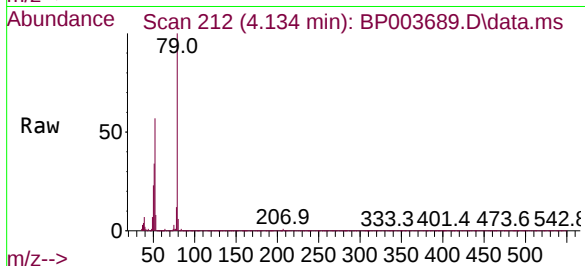




#3
Pyridine
Concen: 3.74 ng
RT: 4.134 min Scan# 212
Delta R.T. 0.006 min
Lab File: BP003689.D
Acq: 21 Oct 2020 13:00

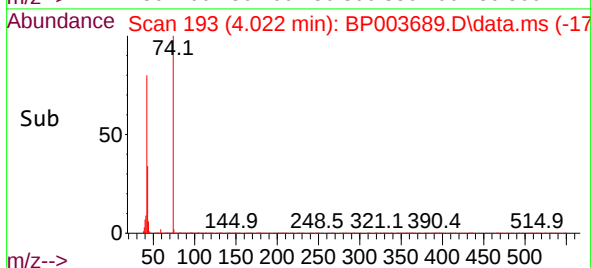
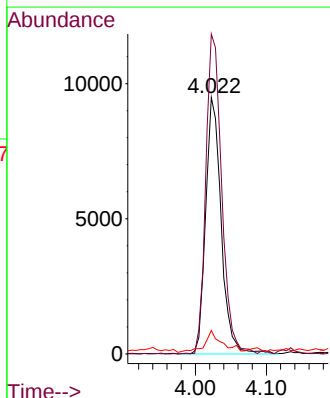
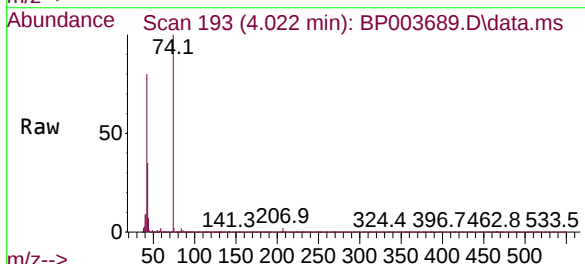
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT4-2020

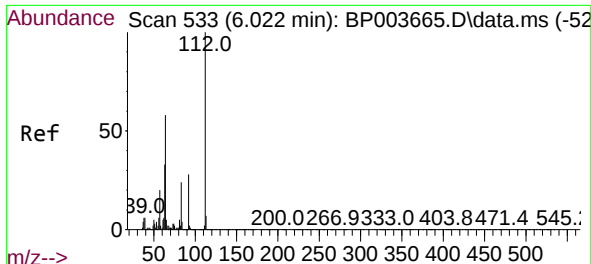
Tgt Ion: 79 Resp: 35528
Ion Ratio Lower Upper
79 100
52 56.8 41.3 61.9
51 33.7 21.2 31.8#



#4
n-Nitrosodimethylamine
Concen: 3.57 ng
RT: 4.022 min Scan# 193
Delta R.T. 0.000 min
Lab File: BP003689.D
Acq: 21 Oct 2020 13:00

Tgt Ion: 42 Resp: 14455
Ion Ratio Lower Upper
42 100
74 124.8 148.6 223.0#
44 9.1 5.3 7.9#

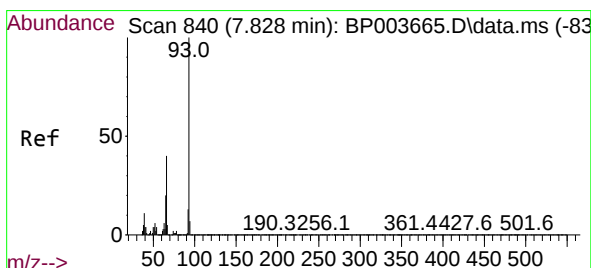
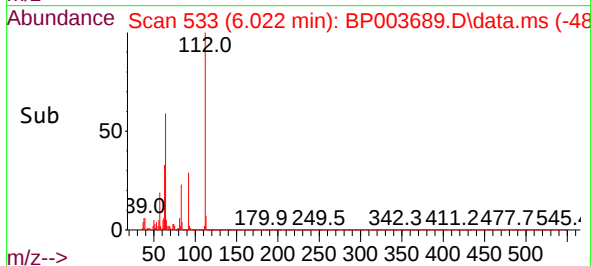
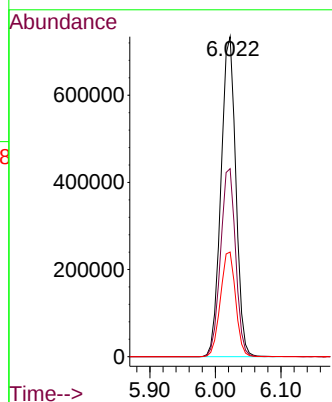
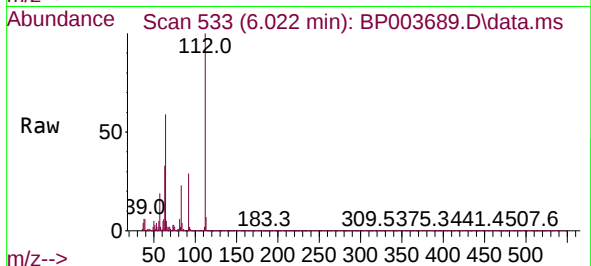




#5
2-Fluorophenol
Concen: 146.33 ng
RT: 6.022 min Scan# 533
Delta R.T. 0.000 min
Lab File: BP003689.D
Acq: 21 Oct 2020 13:00

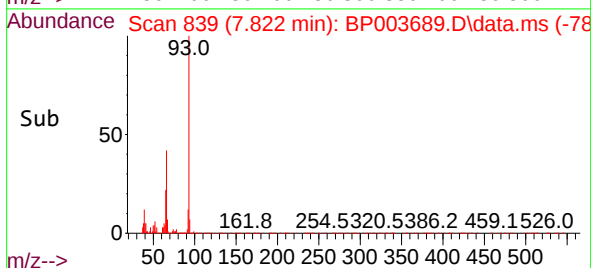
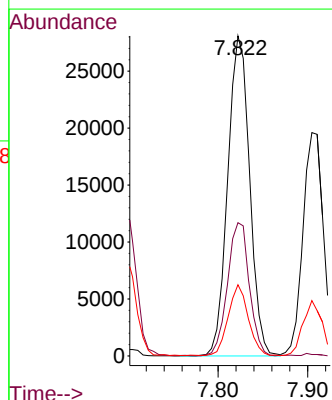
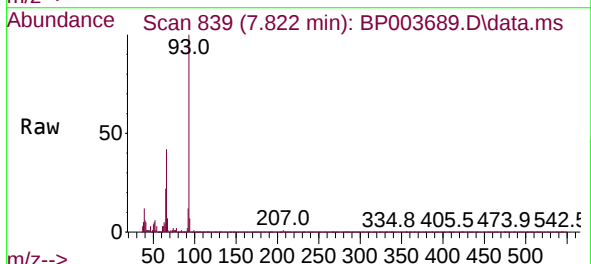
Instrument :
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ClientSampleId :
MDL-SOIL-03-QT4-2020

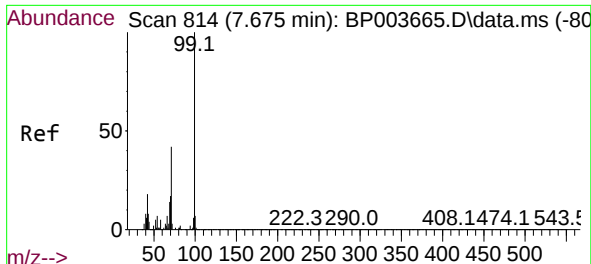
Tgt Ion:112 Resp: 1149891
Ion Ratio Lower Upper
112 100
64 58.7 32.8 49.2#
63 32.7 17.0 25.4#



#6
Aniline
Concen: 3.87 ng
RT: 7.822 min Scan# 839
Delta R.T. -0.006 min
Lab File: BP003689.D
Acq: 21 Oct 2020 13:00

Tgt Ion: 93 Resp: 47652
Ion Ratio Lower Upper
93 100
66 41.7 25.4 38.0#
65 22.3 12.5 18.7#

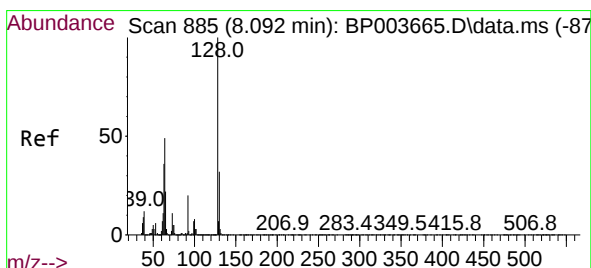
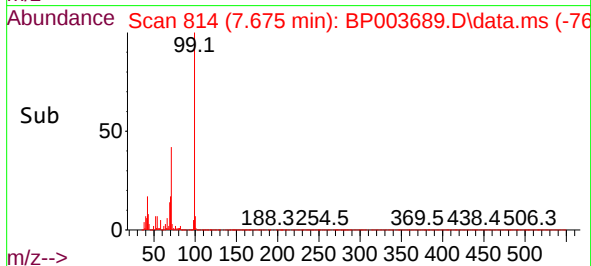
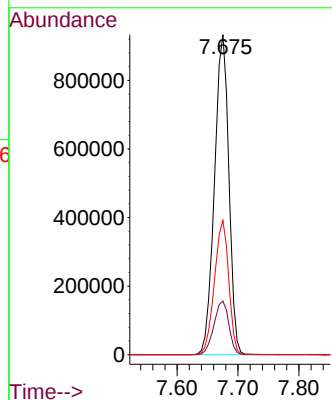
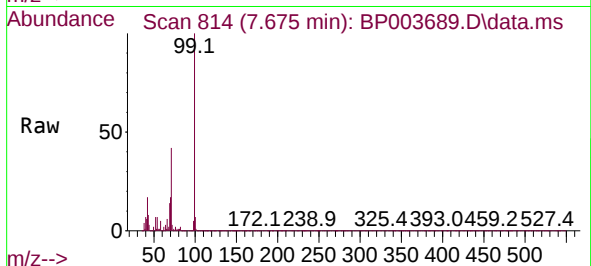




#7
Phenol-d6
Concen: 137.75 ng
RT: 7.675 min Scan# 814
Delta R.T. 0.000 min
Lab File: BP003689.D
Acq: 21 Oct 2020 13:00

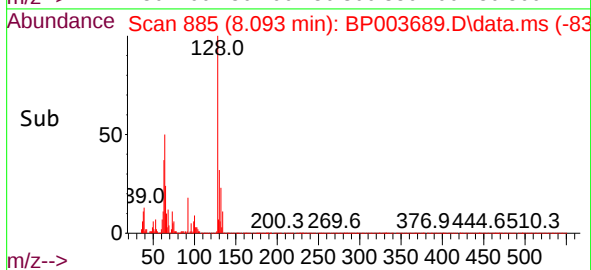
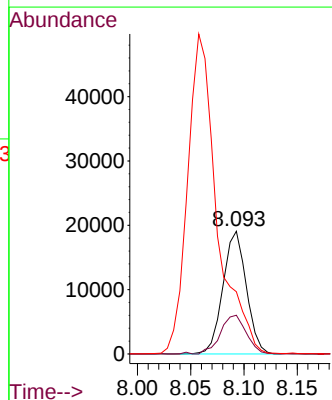
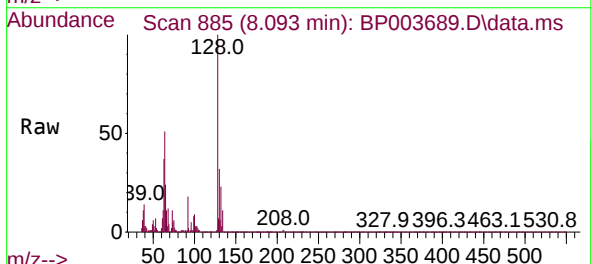
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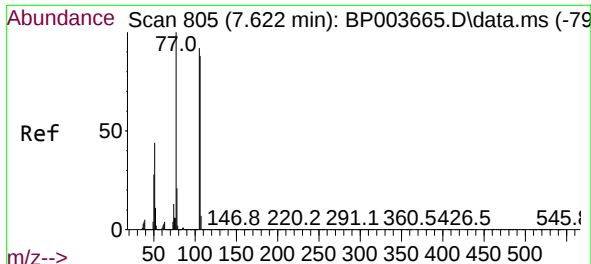
Tgt Ion: 99 Resp: 1529416
Ion Ratio Lower Upper
99 100
42 16.8 8.6 13.0#
71 41.9 23.4 35.2#



#8
2-Chlorophenol
Concen: 3.72 ng
RT: 8.093 min Scan# 885
Delta R.T. 0.000 min
Lab File: BP003689.D
Acq: 21 Oct 2020 13:00

Tgt Ion: 128 Resp: 29115
Ion Ratio Lower Upper
128 100
130 31.5 13.0 53.0
64 50.7 10.4 50.4#

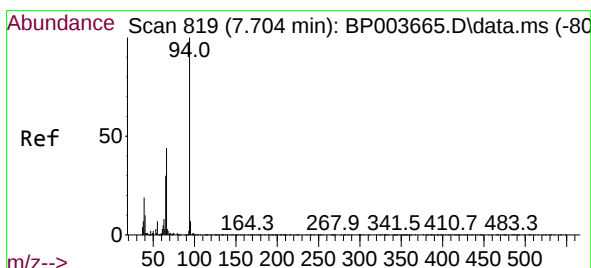
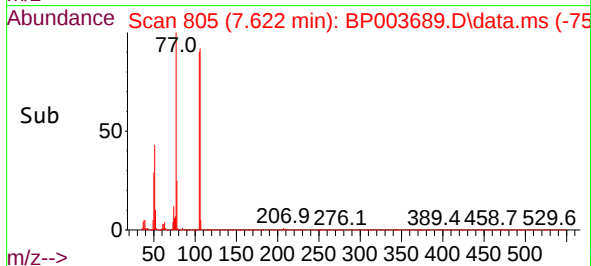
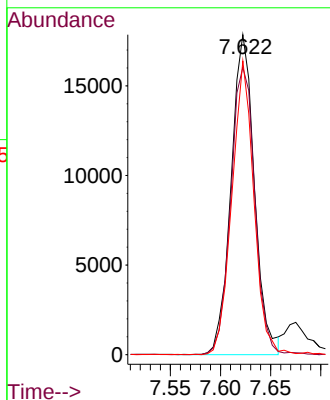
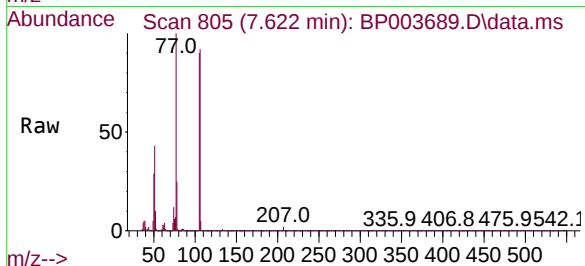




#9
Benzaldehyde
Concen: 4.94 ng
RT: 7.622 min Scan# 805
Delta R.T. 0.000 min
Lab File: BP003689.D
Acq: 21 Oct 2020 13:00

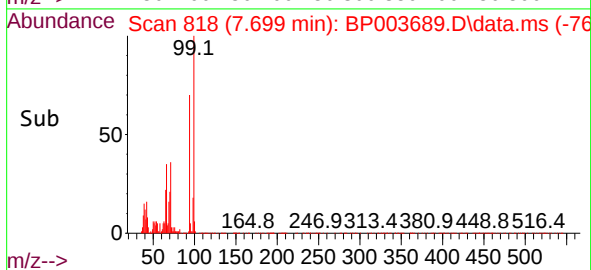
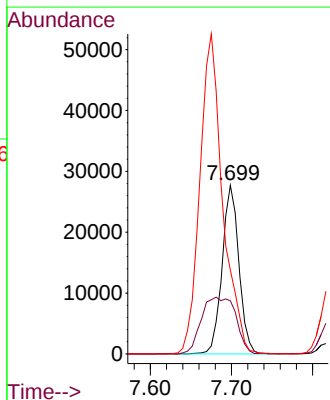
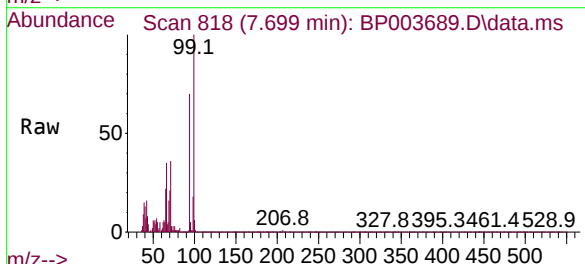
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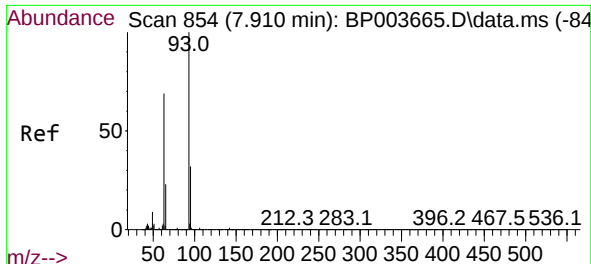
Tgt Ion: 77 Resp: 28923
Ion Ratio Lower Upper
77 100
105 89.8 97.1 137.1#
106 91.8 93.7 133.7#



#10
Phenol
Concen: 3.77 ng
RT: 7.699 min Scan# 818
Delta R.T. -0.006 min
Lab File: BP003689.D
Acq: 21 Oct 2020 13:00

Tgt Ion: 94 Resp: 39874
Ion Ratio Lower Upper
94 100
65 31.5 2.3 42.3
66 49.7 10.9 50.9

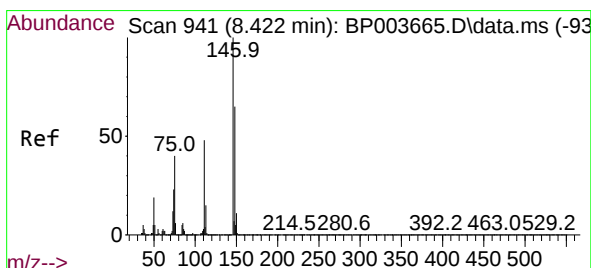
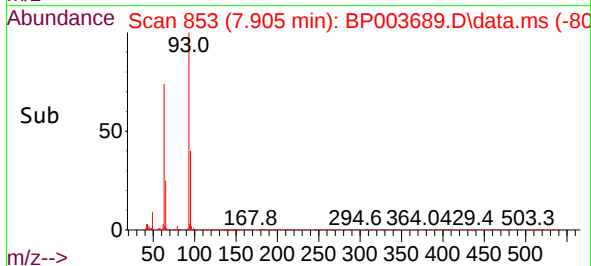
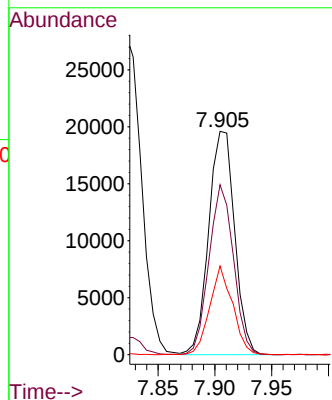
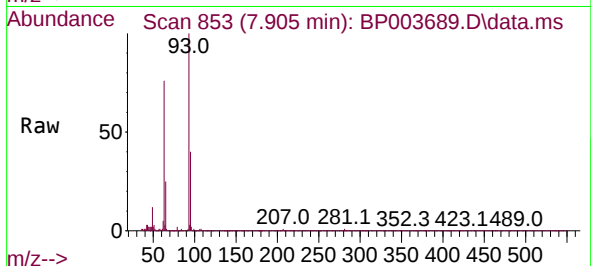




#11
bis(2-Chloroethyl)ether
Concen: 3.71 ng
RT: 7.905 min Scan# 853
Delta R.T. -0.006 min
Lab File: BP003689.D
Acq: 21 Oct 2020 13:00

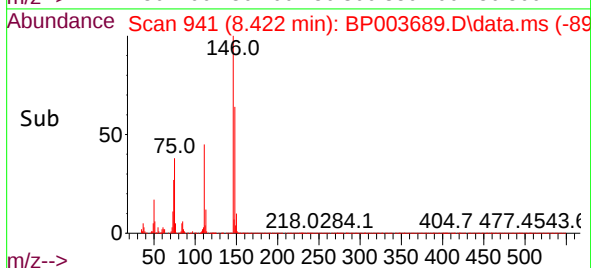
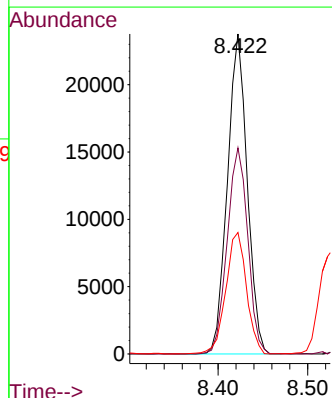
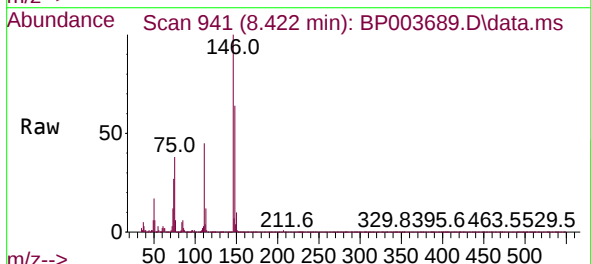
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT4-2020

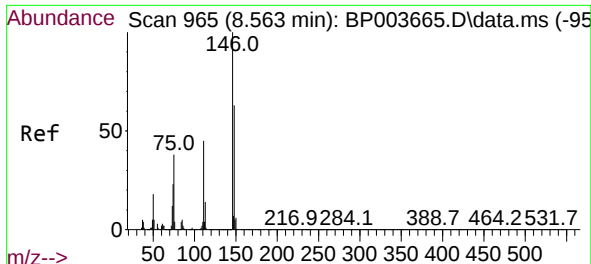
Tgt Ion: 93	Resp: 31161
Ion Ratio	Lower Upper
93 100	
63 76.1	39.0 79.0
95 39.7	12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 3.61 ng
RT: 8.422 min Scan# 941
Delta R.T. 0.000 min
Lab File: BP003689.D
Acq: 21 Oct 2020 13:00

Tgt Ion: 146	Resp: 36382
Ion Ratio	Lower Upper
146 100	
148 64.4	52.5 78.7
75 38.0	18.1 27.1





#13

1,4-Dichlorobenzene

Concen: 3.69 ng

RT: 8.563 min Scan# 965

Delta R.T. 0.000 min

Lab File: BP003689.D

Acq: 21 Oct 2020 13:00

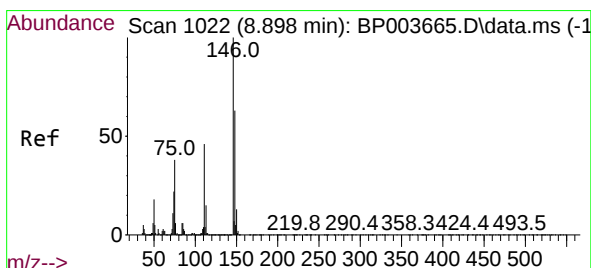
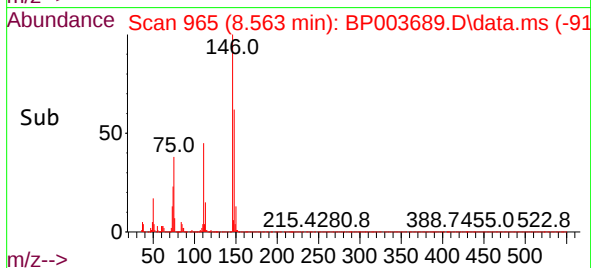
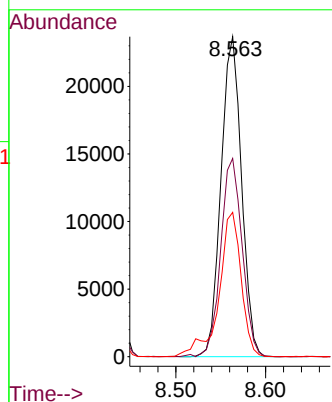
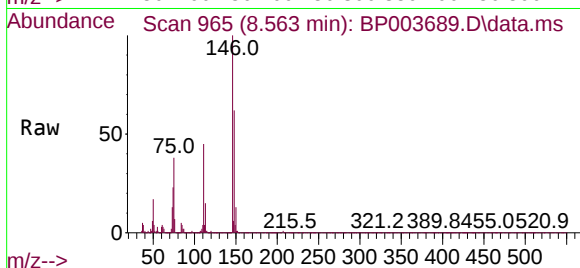
Tgt Ion:	146	Resp:	37607
Ion Ratio	Lower	Upper	
146	100		
148	61.9	51.3	76.9
111	45.1	28.9	43.3#

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-03-QT4-2020



#14

1,2-Dichlorobenzene

Concen: 3.70 ng

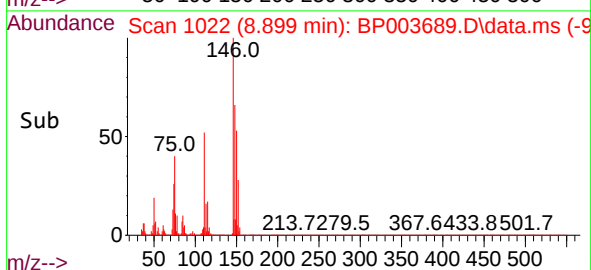
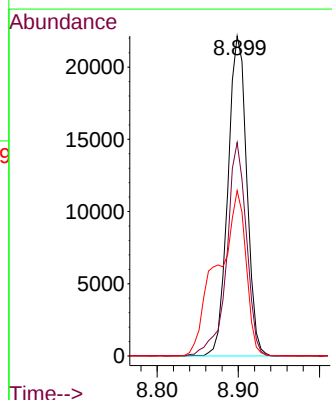
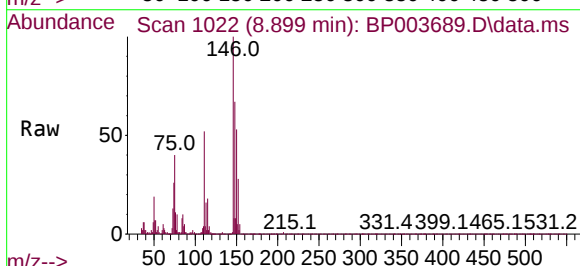
RT: 8.899 min Scan# 1022

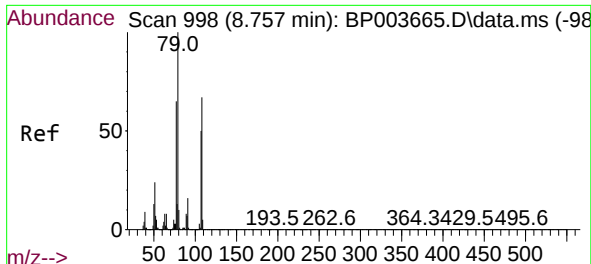
Delta R.T. 0.000 min

Lab File: BP003689.D

Acq: 21 Oct 2020 13:00

Tgt Ion:	146	Resp:	35681
Ion Ratio	Lower	Upper	
146	100		
148	66.7	51.6	77.4
111	51.7	31.0	46.6#

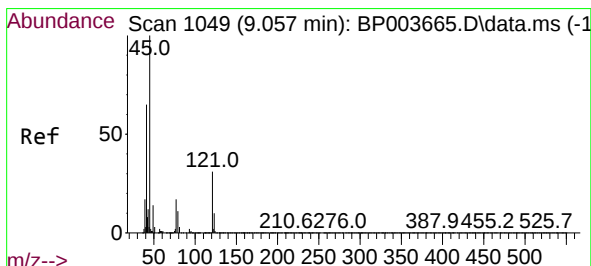
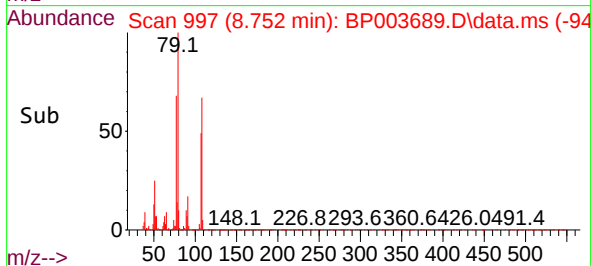
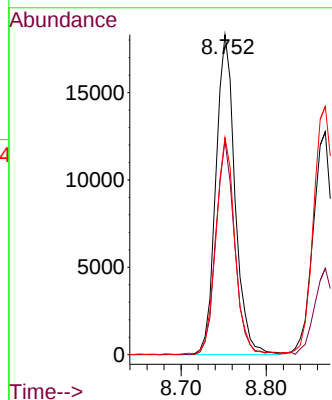
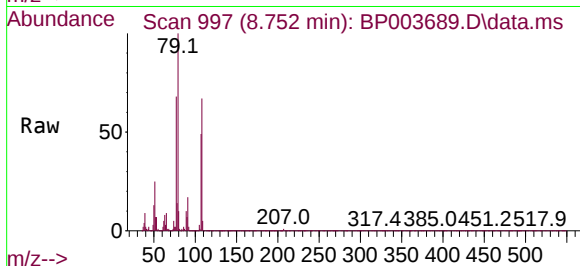




#15
Benzyl Alcohol
Concen: 3.36 ng
RT: 8.752 min Scan# 997
Delta R.T. -0.006 min
Lab File: BP003689.D
Acq: 21 Oct 2020 13:00

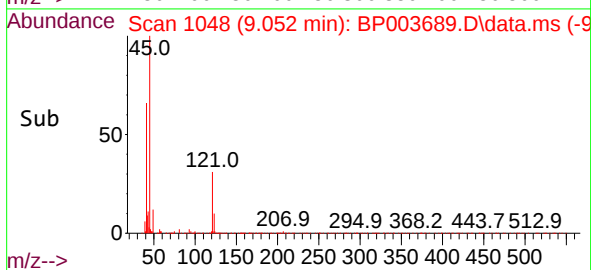
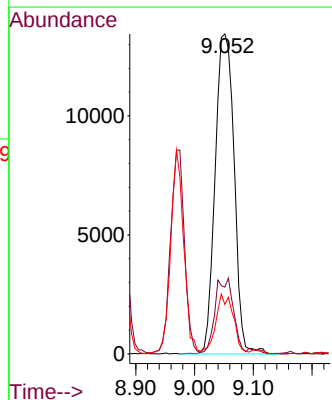
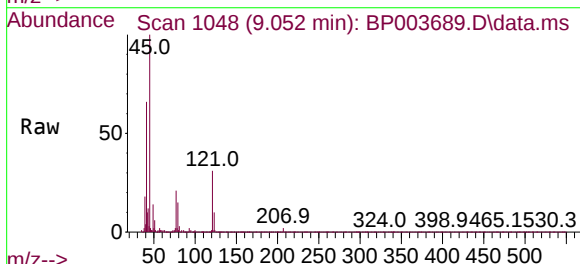
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT4-2020

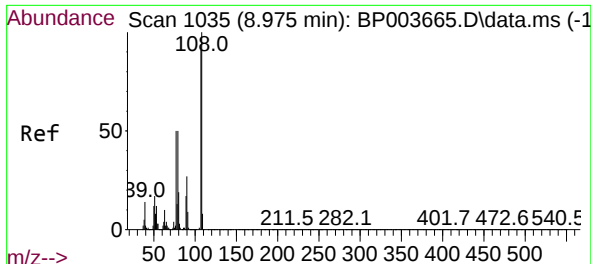
Tgt Ion: 79 Resp: 28527
Ion Ratio Lower Upper
79 100
108 67.0 73.5 110.3#
77 67.9 50.3 75.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 3.63 ng
RT: 9.052 min Scan# 1048
Delta R.T. -0.006 min
Lab File: BP003689.D
Acq: 21 Oct 2020 13:00

Tgt Ion: 45 Resp: 30197
Ion Ratio Lower Upper
45 100
77 20.9 2.3 42.3
79 15.5 0.0 36.6

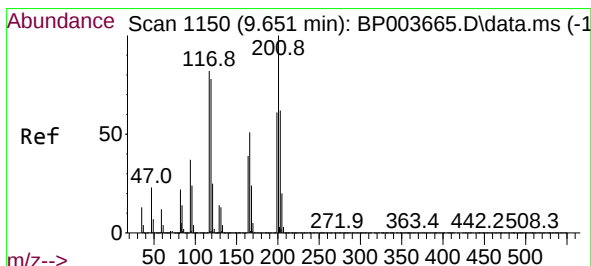
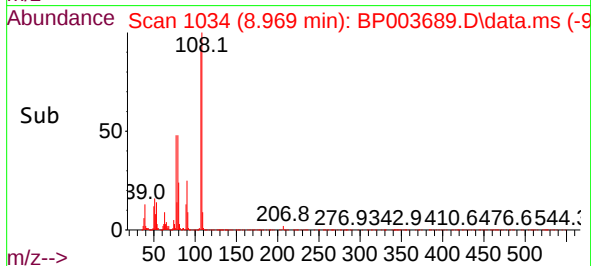
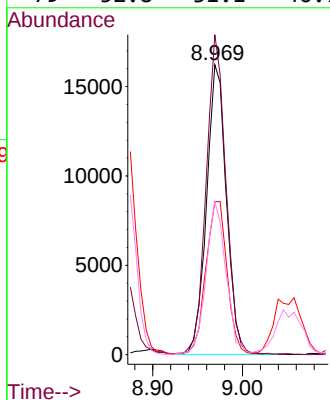
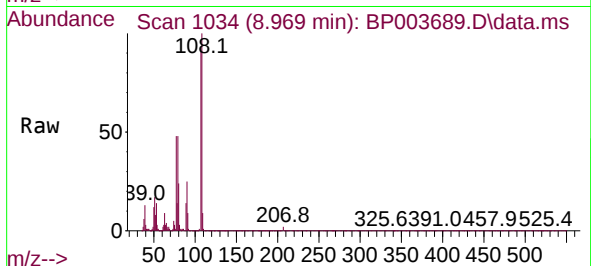




#17
2-Methylphenol
Concen: 3.56 ng
RT: 8.969 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BP003689.D
Acq: 21 Oct 2020 13:00

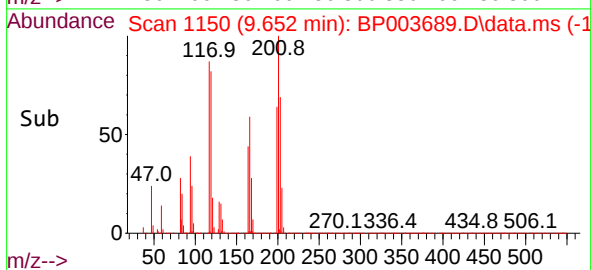
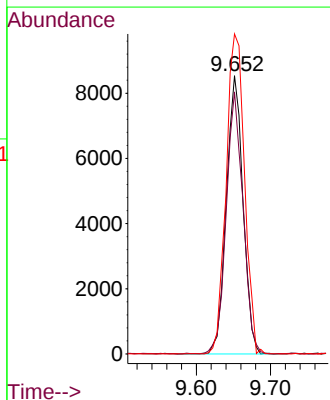
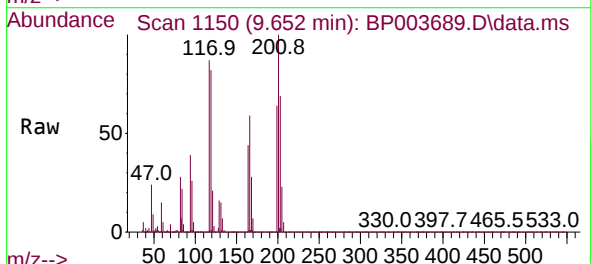
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT4-2020

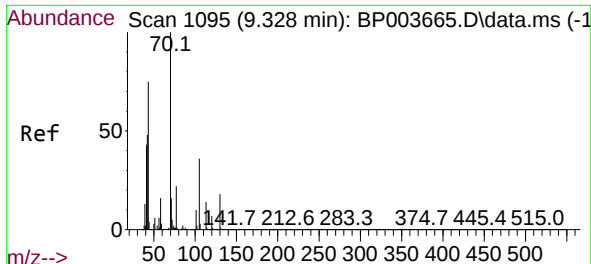
Tgt Ion:107	Resp:	24913
Ion Ratio	Lower	Upper
107	100	
108	110.4	89.6 134.4
77	52.8	31.8 47.6#
79	52.8	31.1 46.7#



#18
Hexachloroethane
Concen: 3.41 ng
RT: 9.652 min Scan# 1150
Delta R.T. 0.000 min
Lab File: BP003689.D
Acq: 21 Oct 2020 13:00

Tgt Ion:117	Resp:	13404
Ion Ratio	Lower	Upper
117	100	
119	94.2	78.8 118.2
201	115.0	92.3 138.5

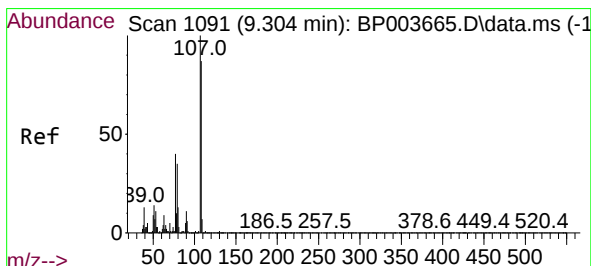
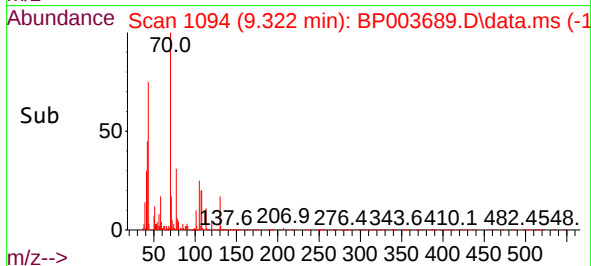
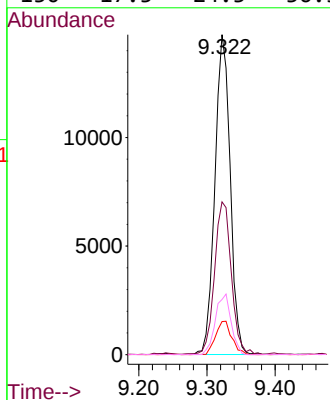
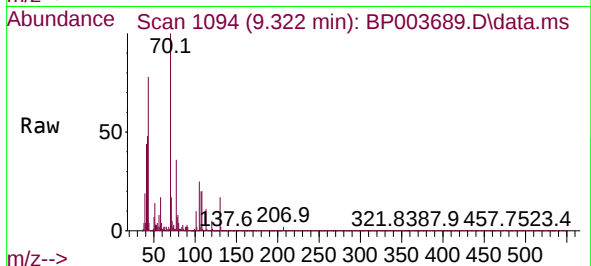




#19
n-Nitroso-di-n-propylamine
Concen: 3.39 ng
RT: 9.322 min Scan# 1094
Delta R.T. -0.006 min
Lab File: BP003689.D
Acq: 21 Oct 2020 13:00

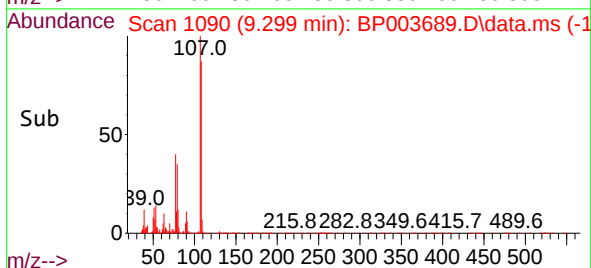
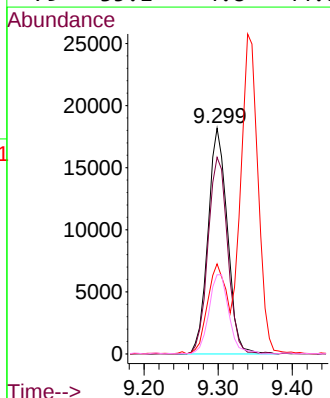
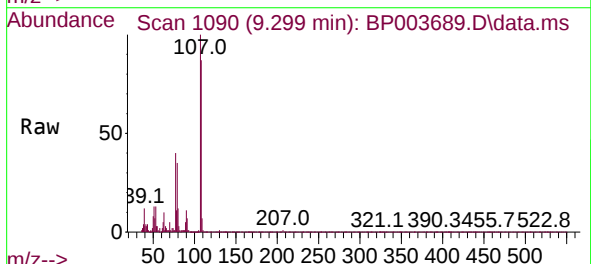
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT4-2020

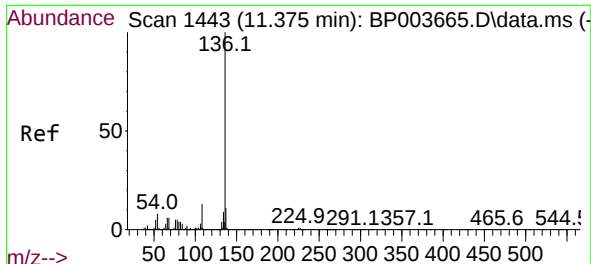
Tgt Ion:	70	Resp:	23003
Ion	Ratio	Lower	Upper
70	100		
42	47.8	32.8	49.2
101	10.4	9.6	14.4
130	17.3	24.3	36.5#



#20
3+4-Methylphenols
Concen: 3.50 ng
RT: 9.299 min Scan# 1090
Delta R.T. -0.006 min
Lab File: BP003689.D
Acq: 21 Oct 2020 13:00

Tgt Ion:	107	Resp:	32975
Ion	Ratio	Lower	Upper
107	100		
108	87.1	69.0	109.0
77	39.9	8.5	48.5
79	35.1	4.8	44.8

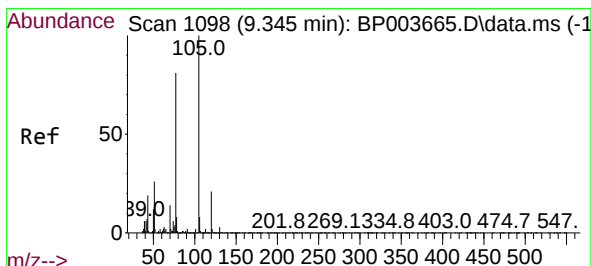
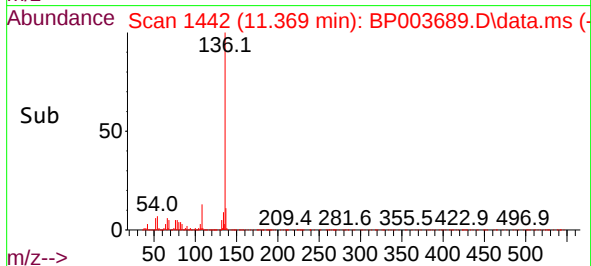
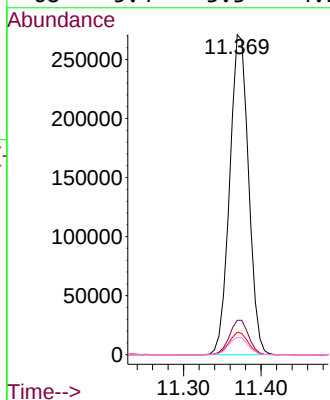
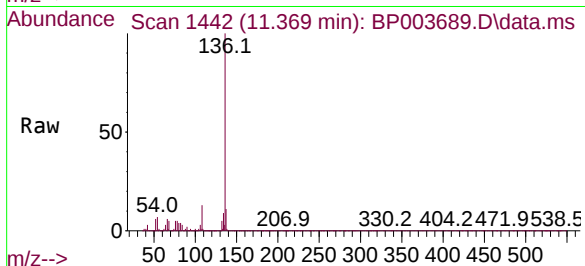




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.369 min Scan# 1442
Delta R.T. -0.006 min
Lab File: BP003689.D
Acq: 21 Oct 2020 13:00

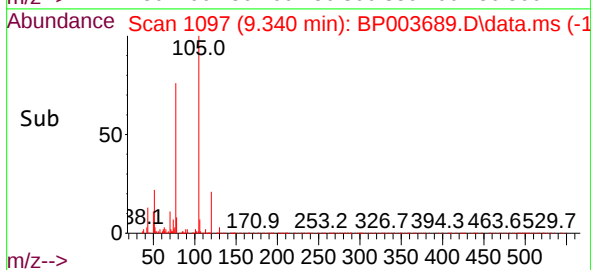
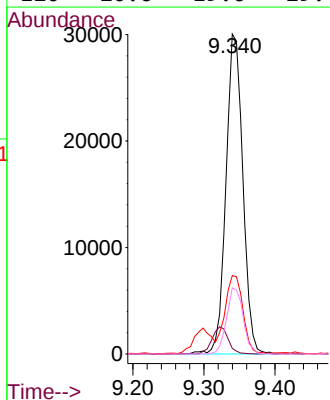
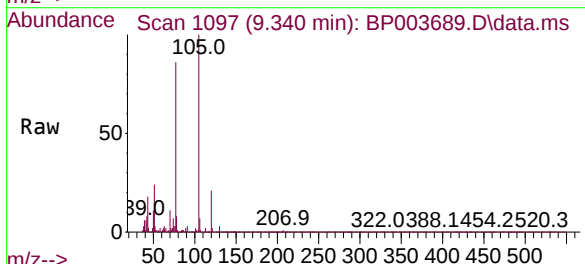
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT4-2020

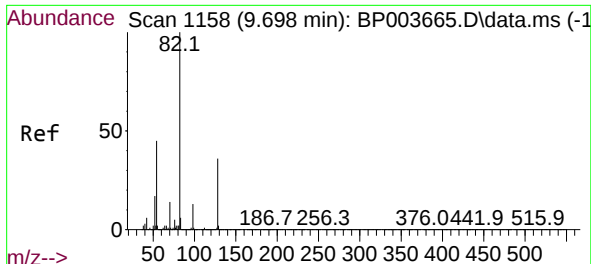
Tgt Ion:	136	Resp:	459338
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	7.0	3.6	5.4#
68	5.4	3.3	4.9#



#22
Acetophenone
Concen: 3.69 ng
RT: 9.340 min Scan# 1097
Delta R.T. -0.006 min
Lab File: BP003689.D
Acq: 21 Oct 2020 13:00

Tgt Ion:	105	Resp:	49577
Ion	Ratio	Lower	Upper
105	100		
71	1.7	2.6	3.8#
51	24.5	13.5	20.3#
120	20.6	19.6	29.4

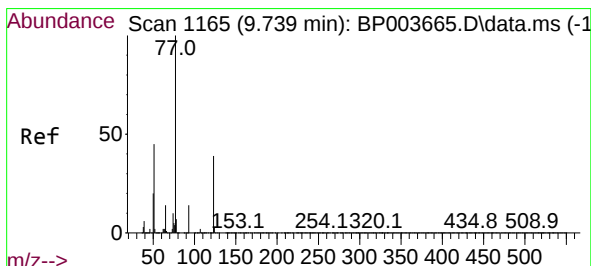
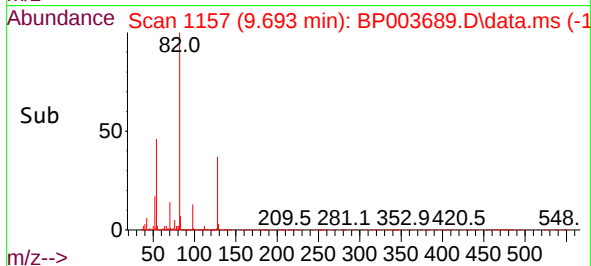
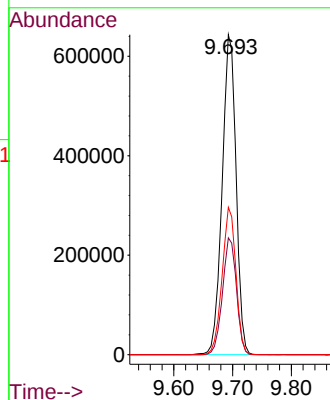
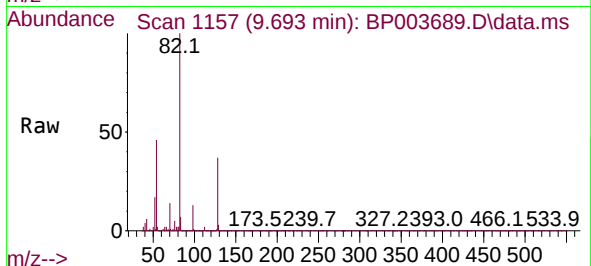




#23
Nitrobenzene-d5
Concen: 97.88 ng
RT: 9.693 min Scan# 1157
Delta R.T. -0.006 min
Lab File: BP003689.D
Acq: 21 Oct 2020 13:00

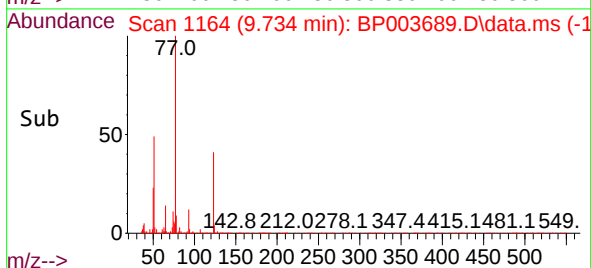
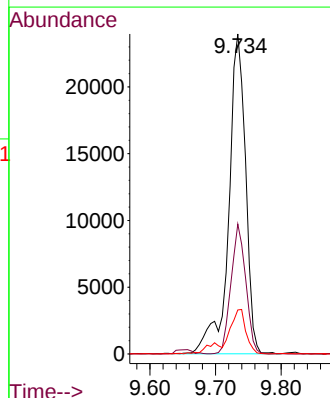
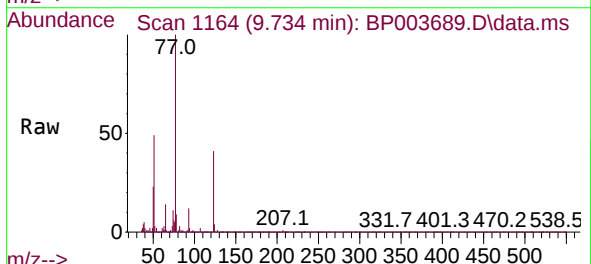
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT4-2020

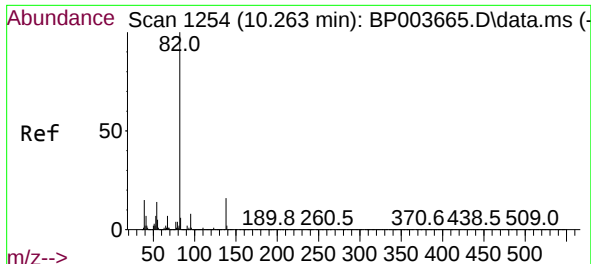
Tgt Ion: 82 Resp: 1062779
Ion Ratio Lower Upper
82 100
128 36.5 45.6 68.4#
54 46.1 30.1 45.1#



#24
Nitrobenzene
Concen: 4.12 ng
RT: 9.734 min Scan# 1164
Delta R.T. -0.006 min
Lab File: BP003689.D
Acq: 21 Oct 2020 13:00

Tgt Ion: 77 Resp: 43071
Ion Ratio Lower Upper
77 100
123 40.6 48.6 72.8#
65 13.7 10.0 15.0

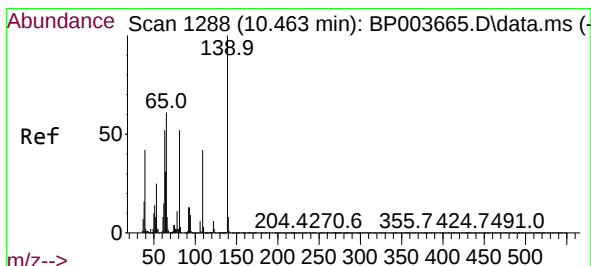
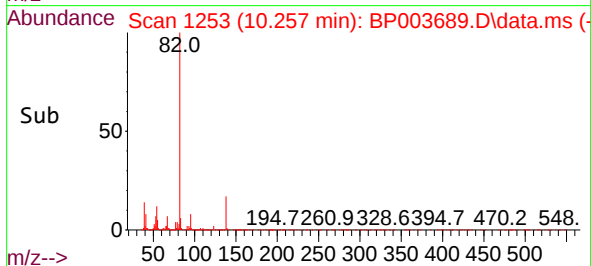
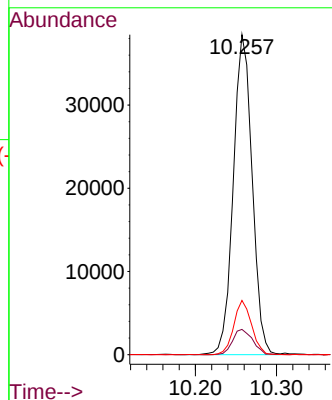
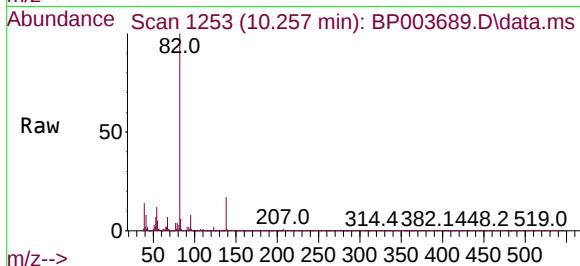




#25
Isophorone
Concen: 3.54 ng
RT: 10.257 min Scan# 1253
Delta R.T. -0.006 min
Lab File: BP003689.D
Acq: 21 Oct 2020 13:00

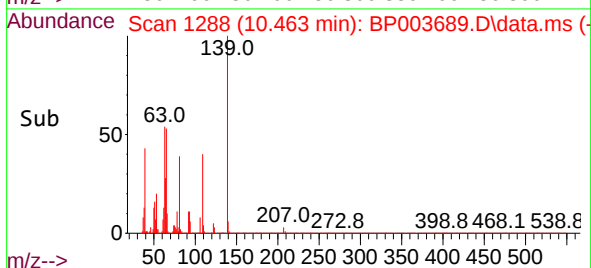
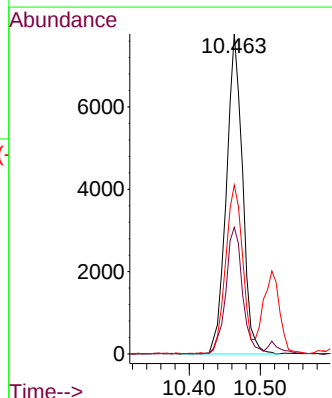
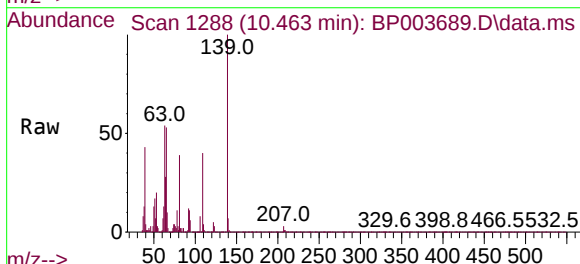
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT4-2020

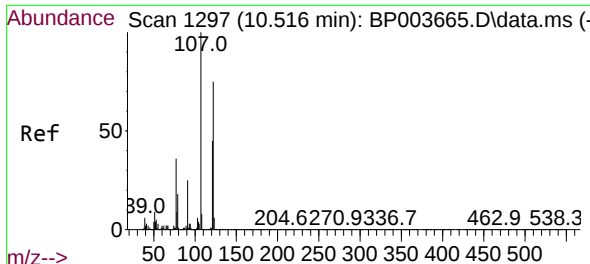
Tgt Ion: 82 Resp: 61923
Ion Ratio Lower Upper
82 100
95 7.9 6.4 9.6
138 16.9 18.7 28.1#



#26
2-Nitrophenol
Concen: 3.14 ng
RT: 10.463 min Scan# 1288
Delta R.T. 0.000 min
Lab File: BP003689.D
Acq: 21 Oct 2020 13:00

Tgt Ion: 139 Resp: 12265
Ion Ratio Lower Upper
139 100
109 39.6 22.1 33.1#
65 52.8 26.5 39.7#

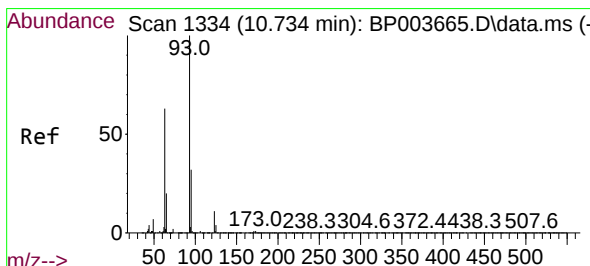
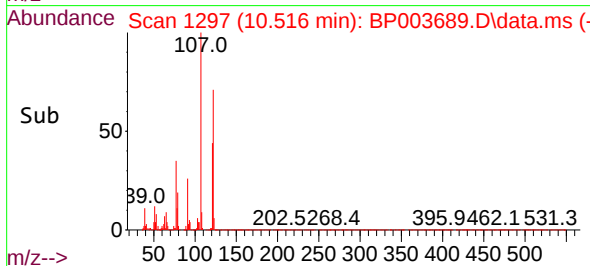
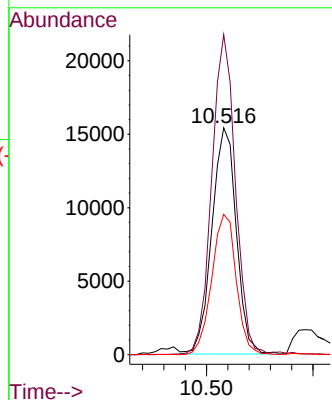
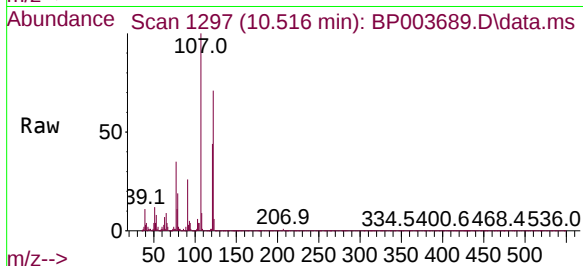




#27
2,4-Dimethylphenol
Concen: 4.00 ng
RT: 10.516 min Scan# 1297
Delta R.T. 0.000 min
Lab File: BP003689.D
Acq: 21 Oct 2020 13:00

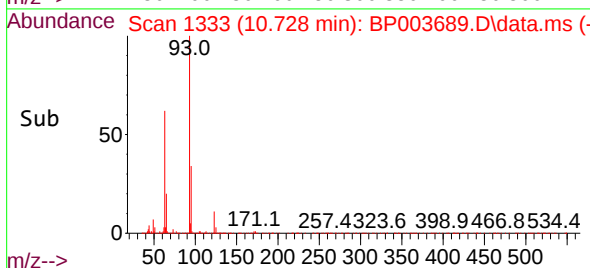
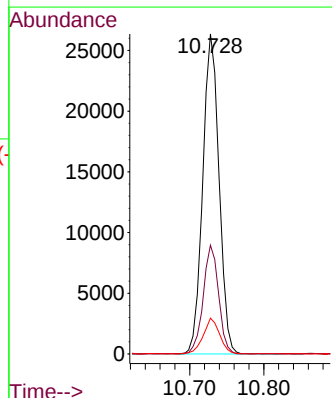
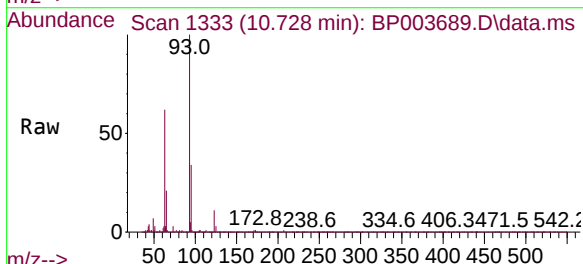
Instrument :
BNA_P
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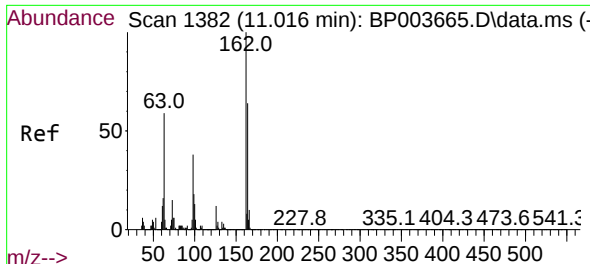
Tgt Ion:122 Resp: 24519
Ion Ratio Lower Upper
122 100
107 141.1 87.3 130.9#
121 61.9 47.3 70.9



#28
bis(2-Chloroethoxy)methane
Concen: 3.60 ng
RT: 10.728 min Scan# 1333
Delta R.T. -0.006 min
Lab File: BP003689.D
Acq: 21 Oct 2020 13:00

Tgt Ion: 93 Resp: 40189
Ion Ratio Lower Upper
93 100
95 34.0 26.7 40.1
123 11.2 10.5 15.7

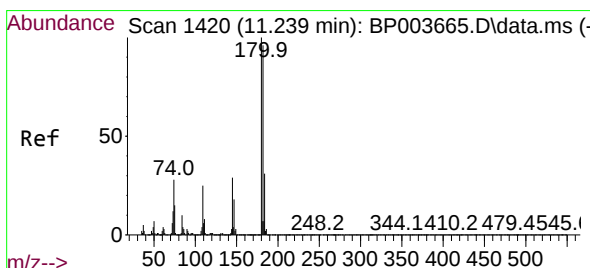
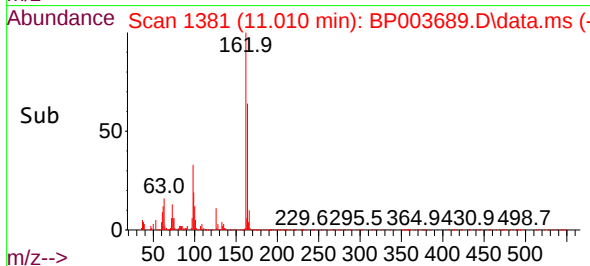
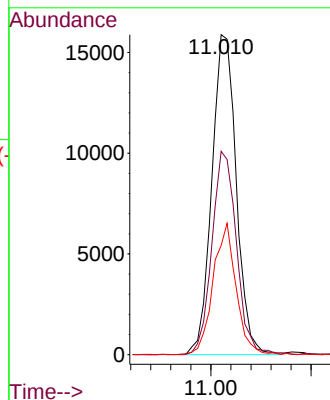
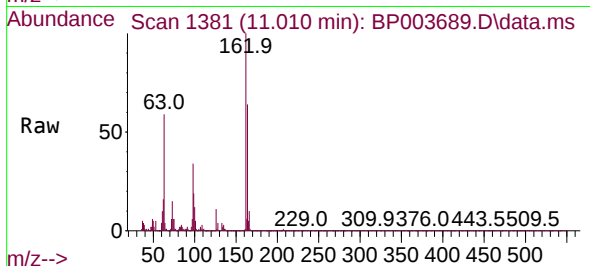




#29
2,4-Dichlorophenol
Concen: 3.34 ng
RT: 11.010 min Scan# 1381
Delta R.T. -0.006 min
Lab File: BP003689.D
Acq: 21 Oct 2020 13:00

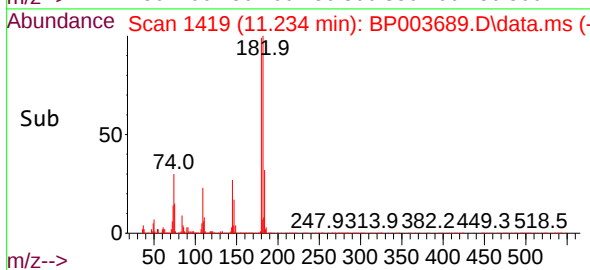
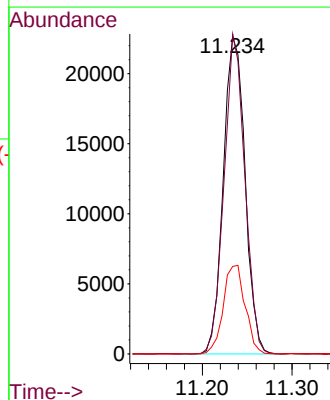
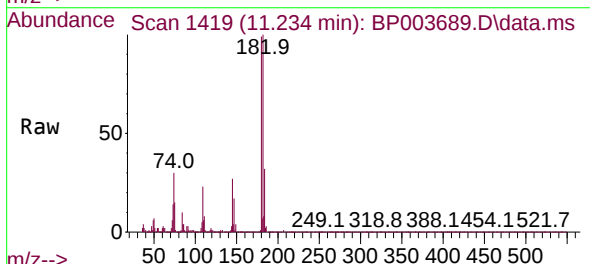
Instrument :
BNA_P
ClientSampleId :
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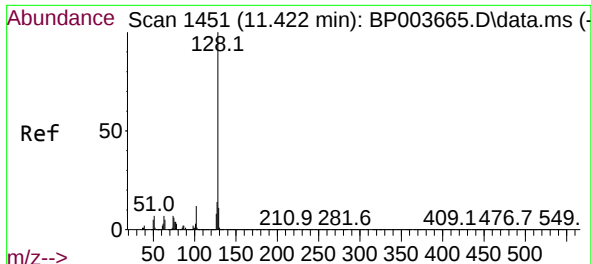
Tgt Ion:162 Resp: 26832
Ion Ratio Lower Upper
162 100
164 63.6 45.8 85.8
98 34.1 10.2 50.2



#30
1,2,4-Trichlorobenzene
Concen: 3.70 ng
RT: 11.234 min Scan# 1419
Delta R.T. -0.006 min
Lab File: BP003689.D
Acq: 21 Oct 2020 13:00

Tgt Ion:180 Resp: 38113
Ion Ratio Lower Upper
180 100
182 100.9 76.2 114.2
145 27.6 23.8 35.8

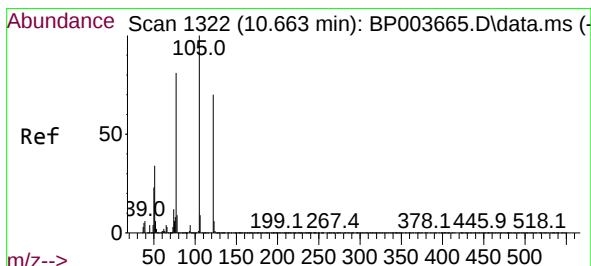
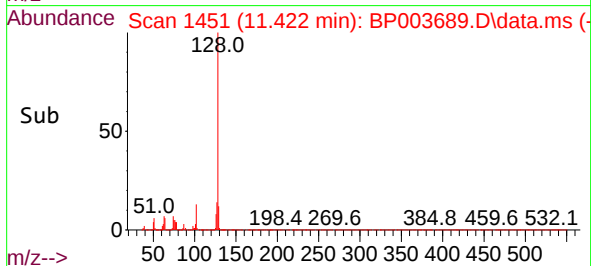
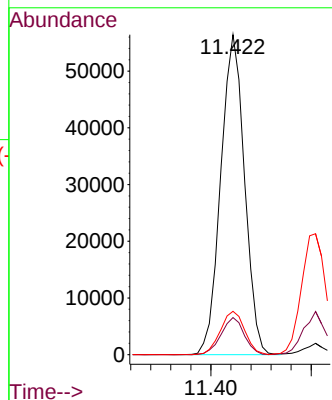
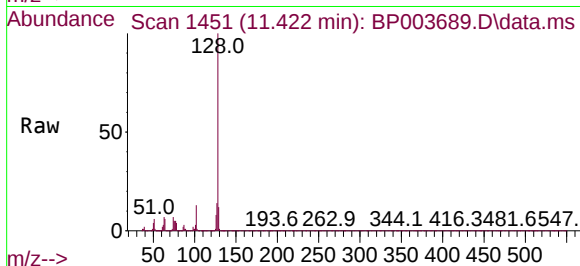




#31
Naphthalene
Concen: 3.74 ng
RT: 11.422 min Scan# 1451
Delta R.T. 0.000 min
Lab File: BP003689.D
Acq: 21 Oct 2020 13:00

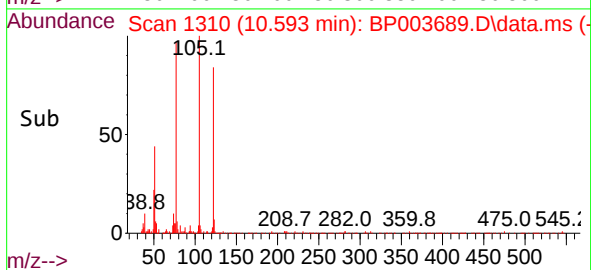
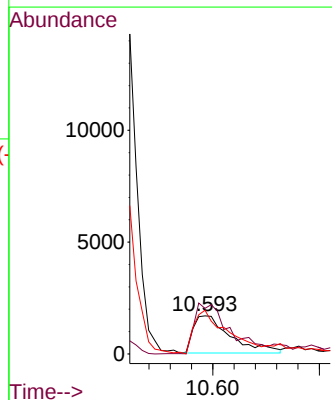
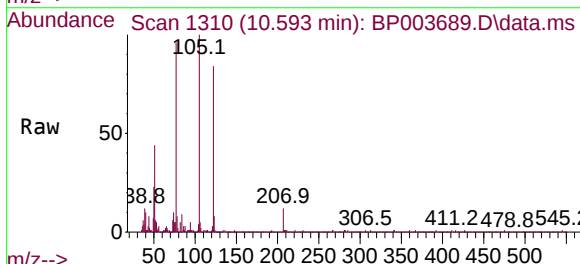
Instrument :
BNA_P
ClientSampleId :
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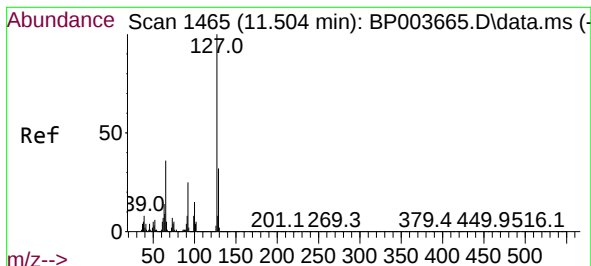
Tgt Ion:	128	Resp:	92672
Ion	Ratio	Lower	Upper
128	100		
129	11.6	8.8	13.2
127	13.6	10.6	15.8



#32
Benzoic acid
Concen: 1.12 ng
RT: 10.593 min Scan# 1310
Delta R.T. -0.070 min
Lab File: BP003689.D
Acq: 21 Oct 2020 13:00

Tgt Ion:	122	Resp:	4074
Ion	Ratio	Lower	Upper
122	100		
105	119.6	94.1	134.1
77	114.7	50.1	90.1#

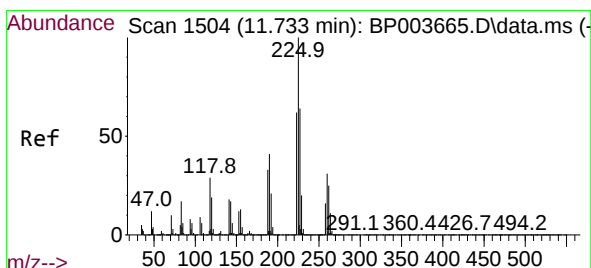
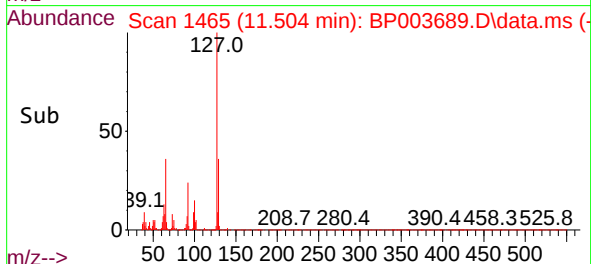
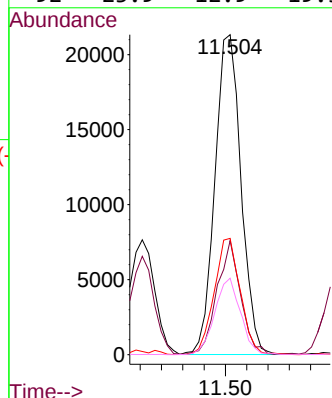
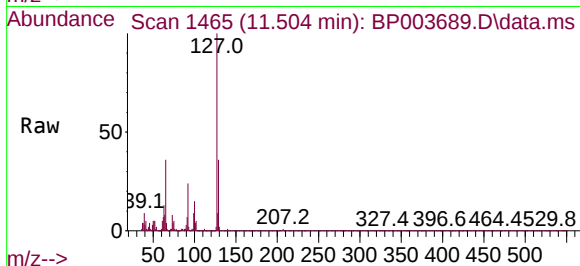




#33
4-Chloroaniline
Concen: 3.55 ng
RT: 11.504 min Scan# 1465
Delta R.T. 0.000 min
Lab File: BP003689.D
Acq: 21 Oct 2020 13:00

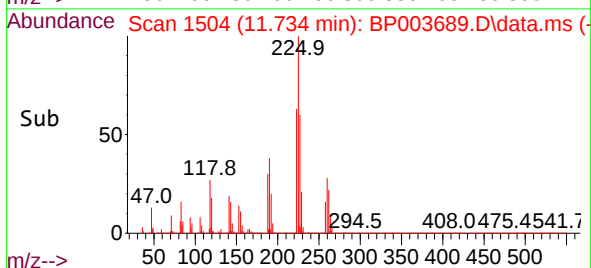
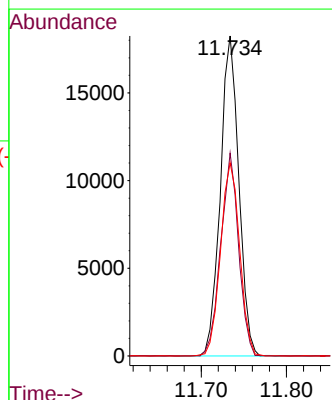
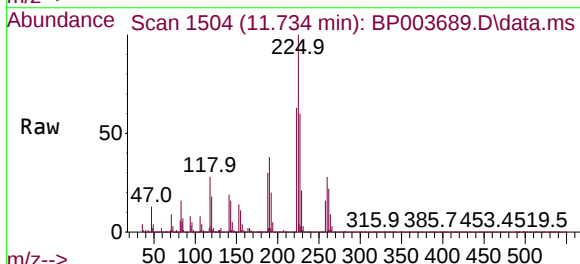
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT4-2020

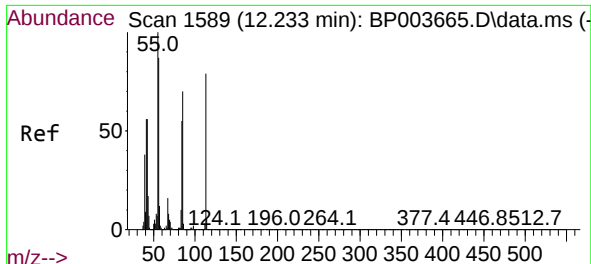
Tgt Ion:	127	Resp:	36277
Ion	Ratio	Lower	Upper
127	100		
129	35.7	25.7	38.5
65	36.4	17.3	25.9#
92	23.9	12.9	19.3#



#34
Hexachlorobutadiene
Concen: 3.53 ng
RT: 11.734 min Scan# 1504
Delta R.T. 0.000 min
Lab File: BP003689.D
Acq: 21 Oct 2020 13:00

Tgt Ion:	225	Resp:	27425
Ion	Ratio	Lower	Upper
225	100		
223	63.4	50.1	75.1
227	60.3	51.4	77.2

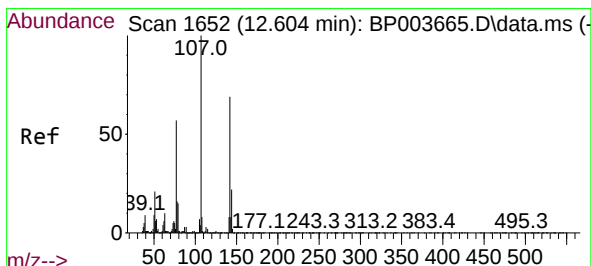
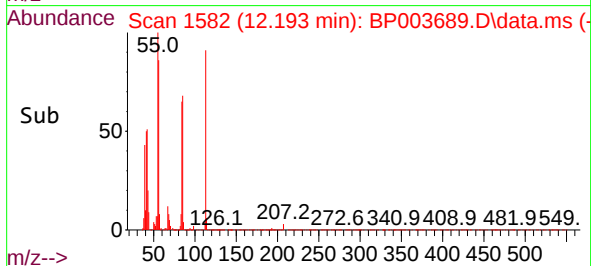
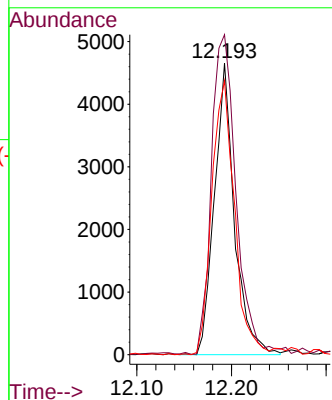
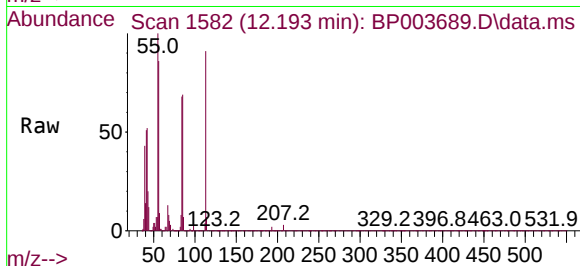




#35
Caprolactam
Concen: 2.92 ng
RT: 12.193 min Scan# 1582
Delta R.T. -0.041 min
Lab File: BP003689.D
Acq: 21 Oct 2020 13:00

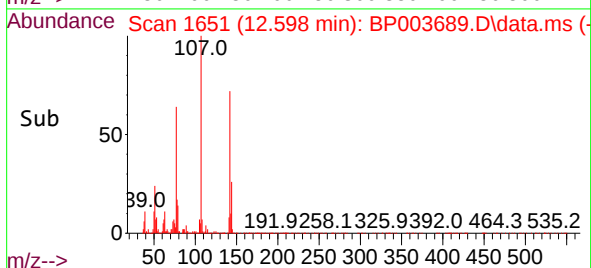
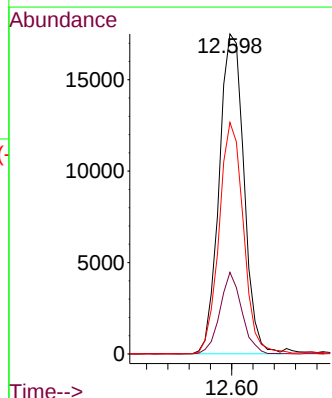
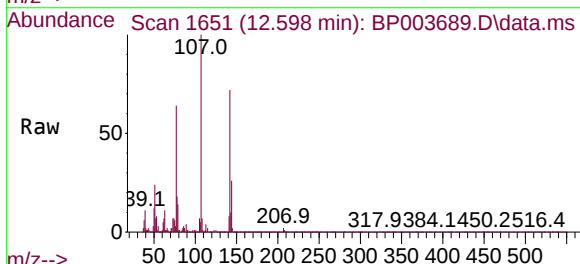
Instrument :
BNA_P
ClientSampleId :
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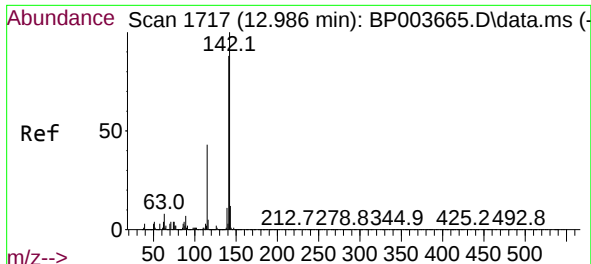
Tgt Ion:113 Resp: 6873
Ion Ratio Lower Upper
113 100
55 109.7 77.3 117.3
56 94.0 55.9 95.9



#36
4-Chloro-3-methylphenol
Concen: 3.23 ng
RT: 12.598 min Scan# 1651
Delta R.T. -0.006 min
Lab File: BP003689.D
Acq: 21 Oct 2020 13:00

Tgt Ion:107 Resp: 28193
Ion Ratio Lower Upper
107 100
144 25.5 22.7 34.1
142 72.3 70.7 106.1

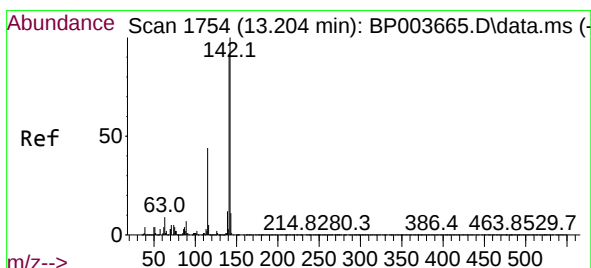
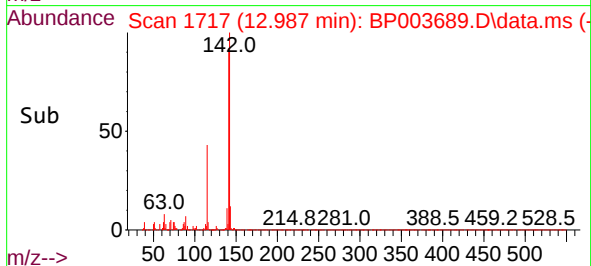
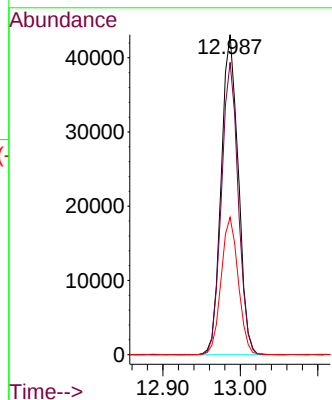
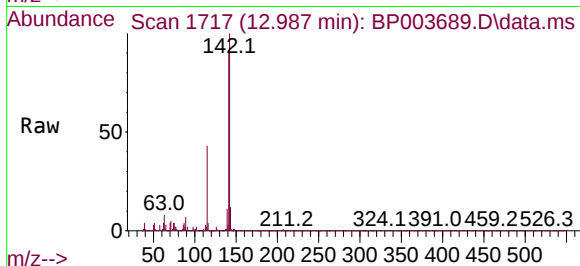




#37
2-Methylnaphthalene
Concen: 3.66 ng
RT: 12.987 min Scan# 1717
Delta R.T. 0.000 min
Lab File: BP003689.D
Acq: 21 Oct 2020 13:00

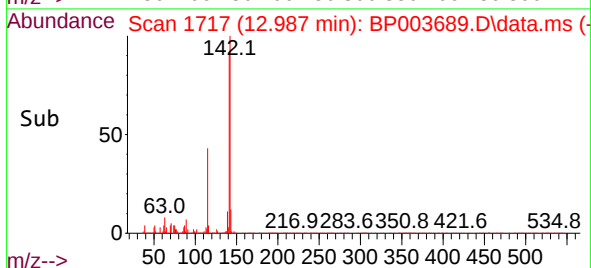
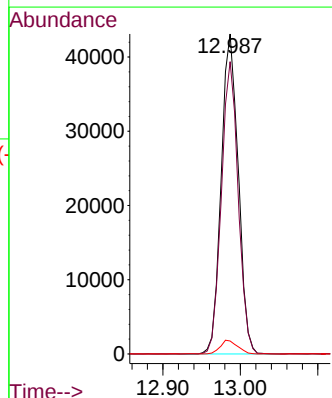
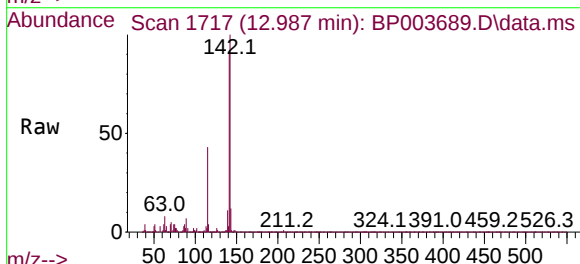
Instrument :
BNA_P
ClientSampleId :
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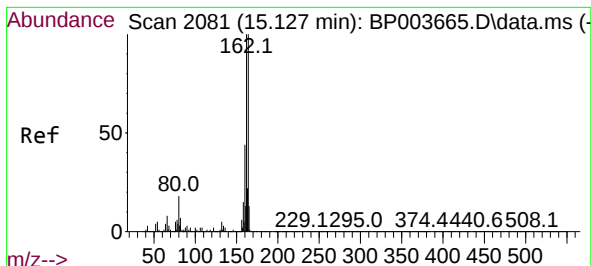
Tgt Ion:142 Resp: 65851
Ion Ratio Lower Upper
142 100
141 91.4 71.4 107.2
115 43.0 25.8 38.6#



#38
1-Methylnaphthalene
Concen: 3.88 ng
RT: 12.987 min Scan# 1717
Delta R.T. -0.217 min
Lab File: BP003689.D
Acq: 21 Oct 2020 13:00

Tgt Ion:142 Resp: 65851
Ion Ratio Lower Upper
142 100
141 91.4 74.4 111.6
116 4.0 2.9 4.3

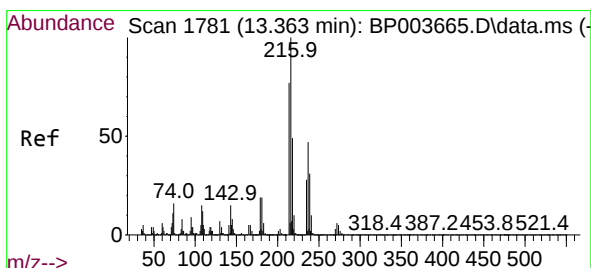
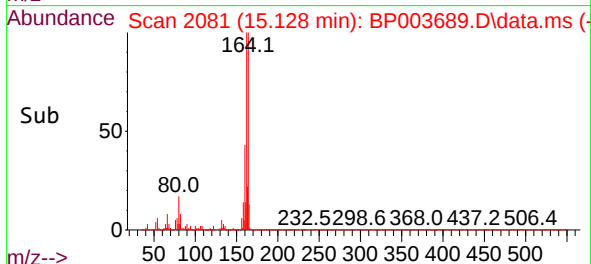
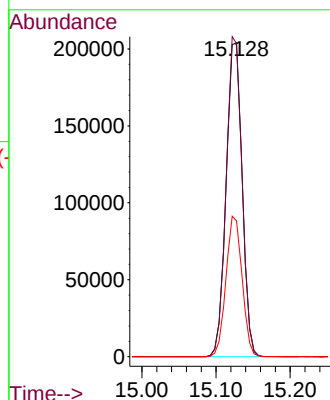
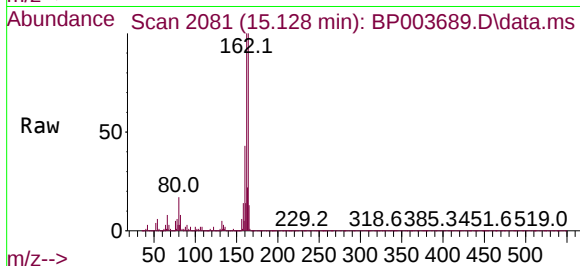




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.128 min Scan# 2081
Delta R.T. 0.001 min
Lab File: BP003689.D
Acq: 21 Oct 2020 13:00

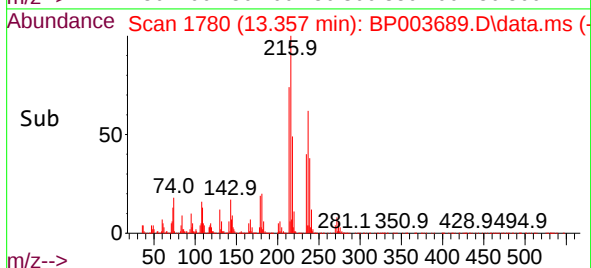
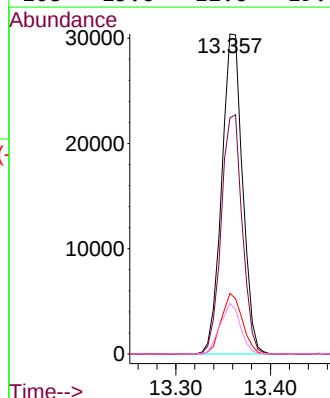
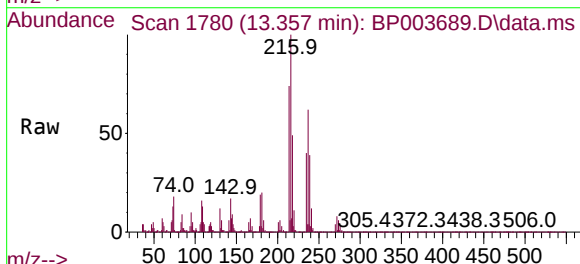
Instrument :
BNA_P
ClientSampleId :
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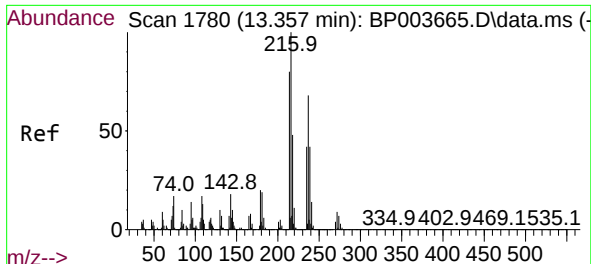
Tgt Ion:164 Resp: 306260
Ion Ratio Lower Upper
164 100
162 99.8 79.4 119.2
160 43.3 36.1 54.1



#40
1,2,4,5-Tetrachlorobenzene
Concen: 3.82 ng
RT: 13.357 min Scan# 1780
Delta R.T. -0.006 min
Lab File: BP003689.D
Acq: 21 Oct 2020 13:00

Tgt Ion:216 Resp: 46357
Ion Ratio Lower Upper
216 100
214 75.4 63.0 94.6
179 19.1 16.9 25.3
108 15.6 12.6 19.0

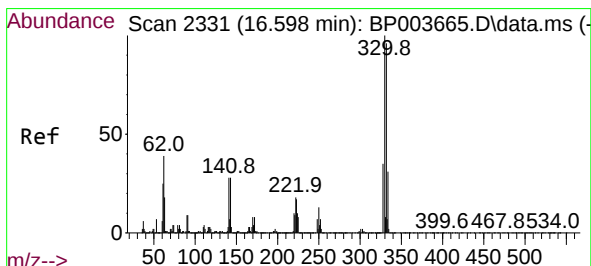
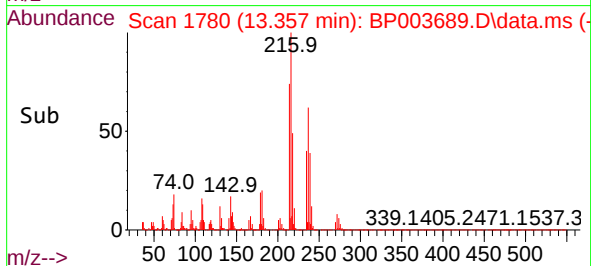
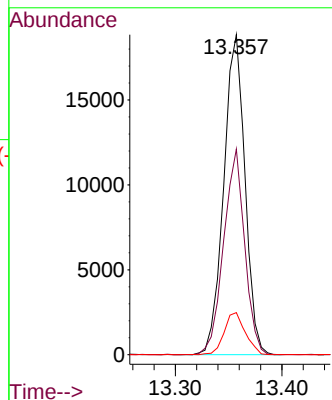
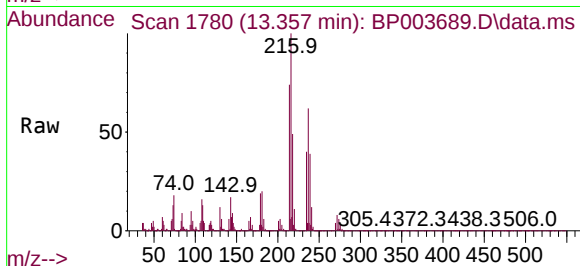




#41
Hexachlorocyclopentadiene
Concen: 3.71 ng
RT: 13.357 min Scan# 1780
Delta R.T. 0.000 min
Lab File: BP003689.D
Acq: 21 Oct 2020 13:00

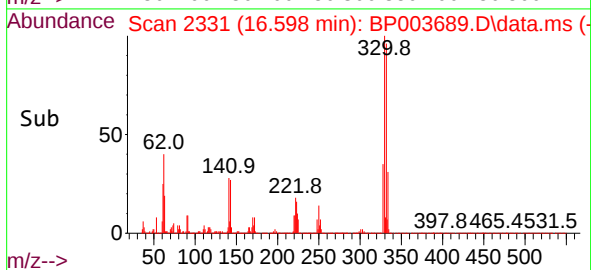
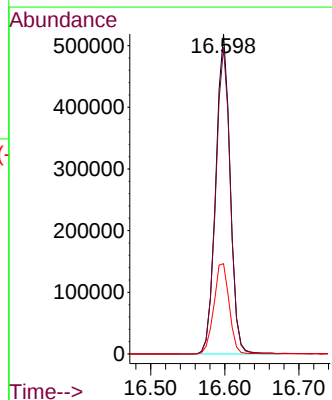
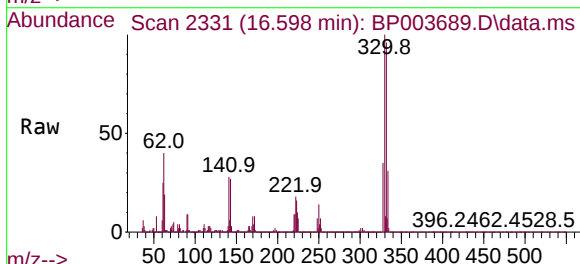
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT4-2020

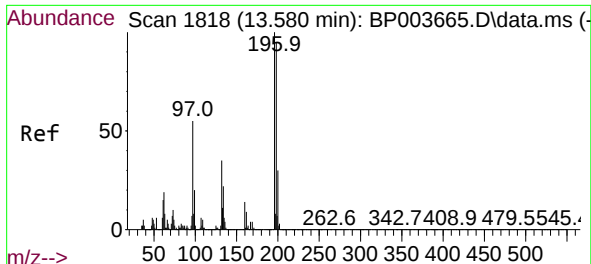
Tgt Ion:	237	Resp:	26055
Ion Ratio	Lower	Upper	
237	100		
235	64.2	43.2	83.2
272	13.2	0.0	33.3



#42
2,4,6-Tribromophenol
Concen: 146.26 ng
RT: 16.598 min Scan# 2331
Delta R.T. 0.000 min
Lab File: BP003689.D
Acq: 21 Oct 2020 13:00

Tgt Ion:	330	Resp:	698845
Ion Ratio	Lower	Upper	
330	100		
332	96.8	77.1	115.7
141	30.2	23.4	35.2

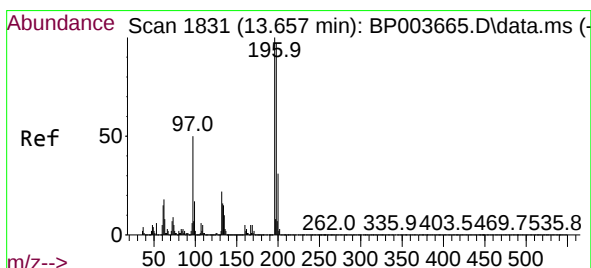
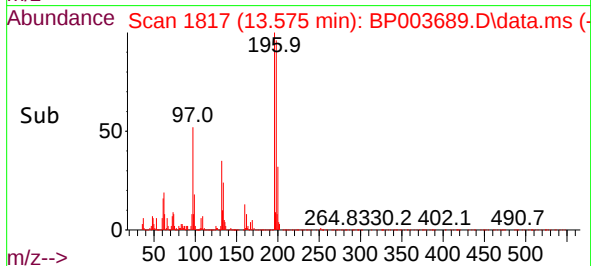
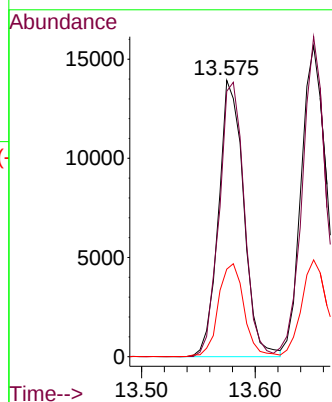
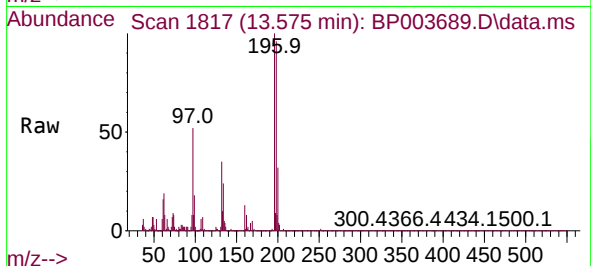




#43
2,4,6-Trichlorophenol
Concen: 2.97 ng
RT: 13.575 min Scan# 1817
Delta R.T. -0.006 min
Lab File: BP003689.D
Acq: 21 Oct 2020 13:00

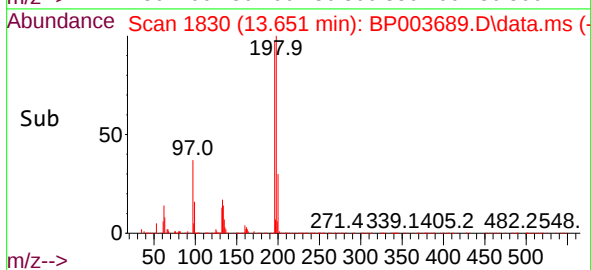
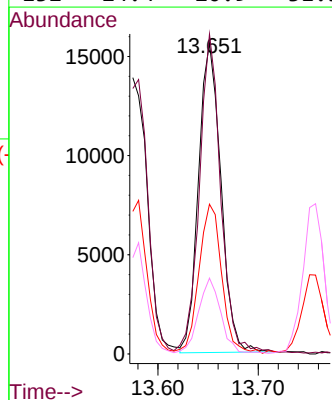
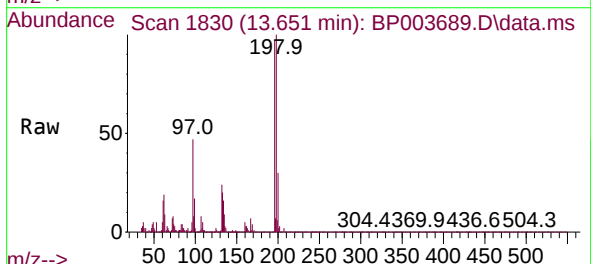
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT4-2020

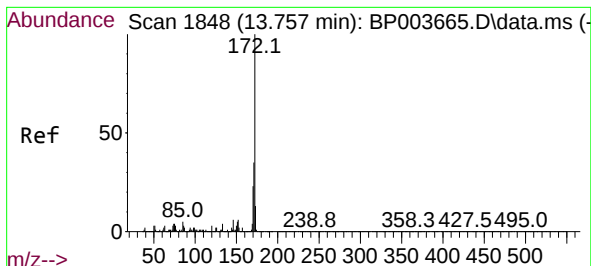
Tgt Ion:196 Resp: 21466
Ion Ratio Lower Upper
196 100
198 96.1 77.0 115.6
200 31.7 25.1 37.7



#44
2,4,5-Trichlorophenol
Concen: 3.23 ng
RT: 13.651 min Scan# 1830
Delta R.T. -0.006 min
Lab File: BP003689.D
Acq: 21 Oct 2020 13:00

Tgt Ion:196 Resp: 24201
Ion Ratio Lower Upper
196 100
198 102.9 77.3 115.9
97 48.2 31.0 46.4#
132 24.4 20.9 31.3

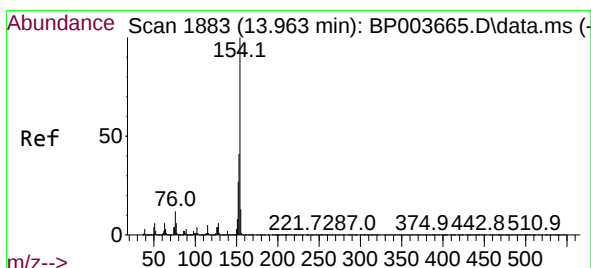
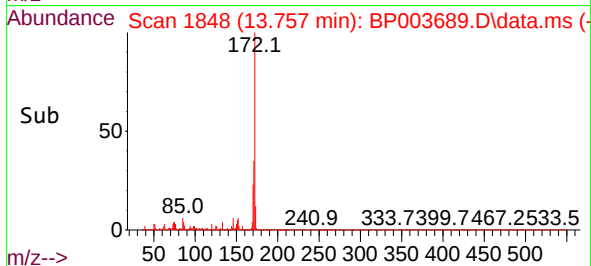
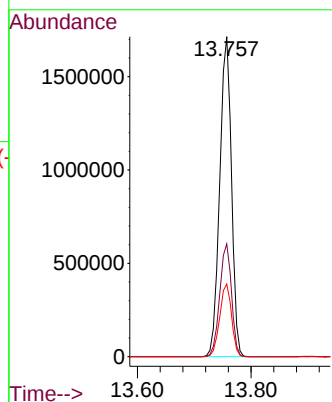
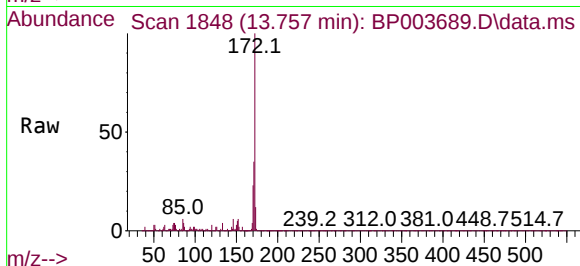




#45
2-Fluorobiphenyl
Concen: 103.51 ng
RT: 13.757 min Scan# 1848
Delta R.T. 0.000 min
Lab File: BP003689.D
Acq: 21 Oct 2020 13:00

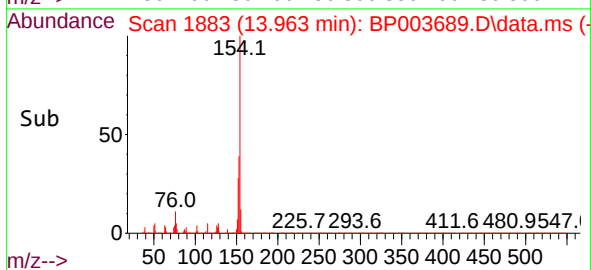
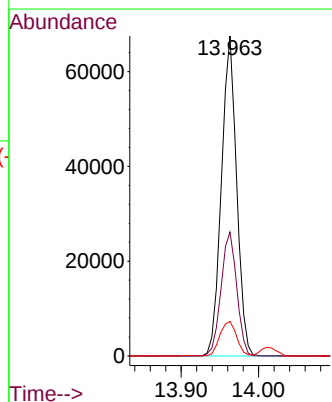
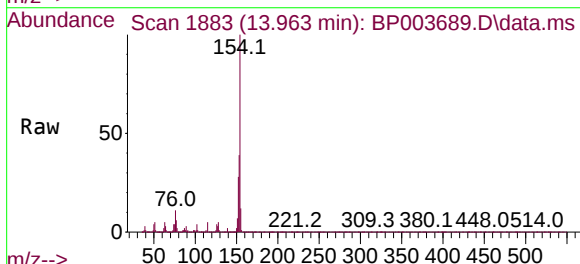
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT4-2020

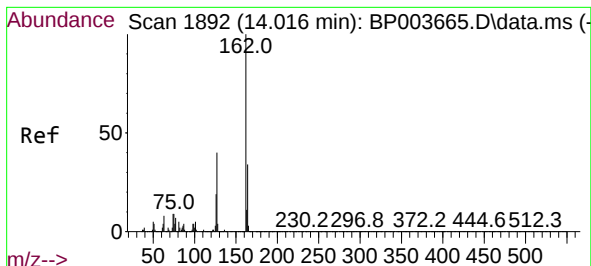
Tgt Ion:172 Resp: 2452060
Ion Ratio Lower Upper
172 100
171 35.2 28.5 42.7
170 22.7 19.2 28.8



#46
1,1'-Biphenyl
Concen: 3.87 ng
RT: 13.963 min Scan# 1883
Delta R.T. 0.000 min
Lab File: BP003689.D
Acq: 21 Oct 2020 13:00

Tgt Ion:154 Resp: 92333
Ion Ratio Lower Upper
154 100
153 38.8 20.4 60.4
76 10.8 0.0 29.3

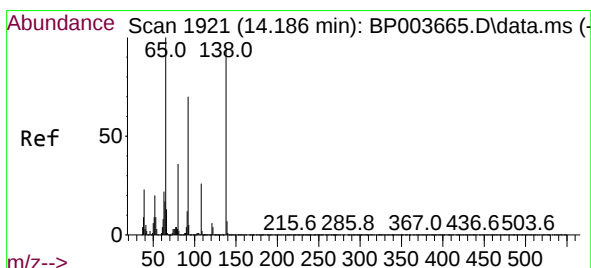
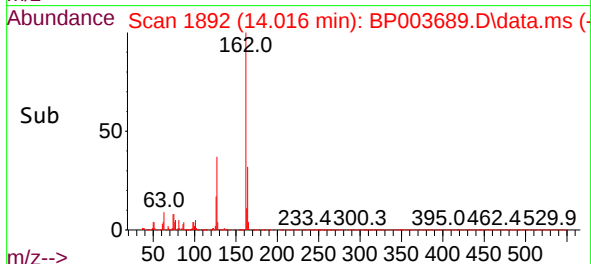
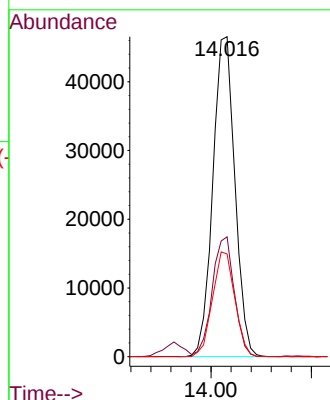
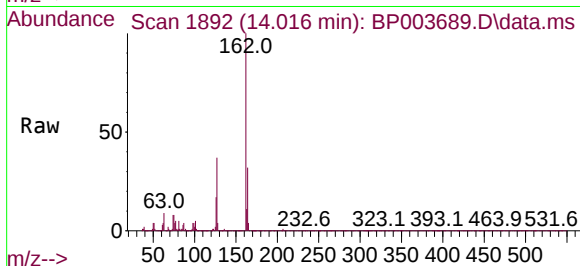




#47
2-Chloronaphthalene
Concen: 3.56 ng
RT: 14.016 min Scan# 1892
Delta R.T. 0.000 min
Lab File: BP003689.D
Acq: 21 Oct 2020 13:00

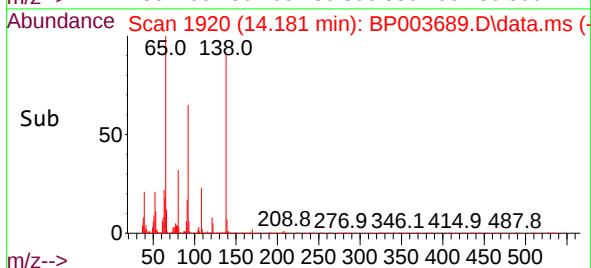
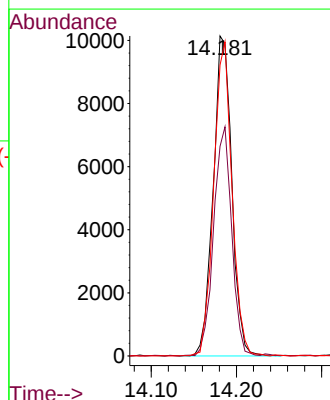
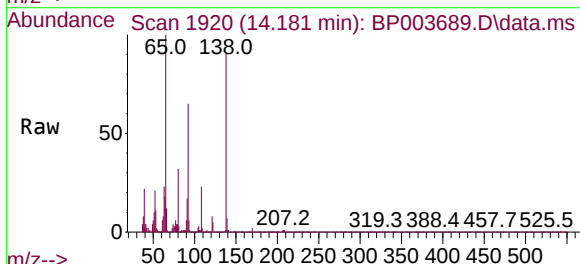
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT4-2020

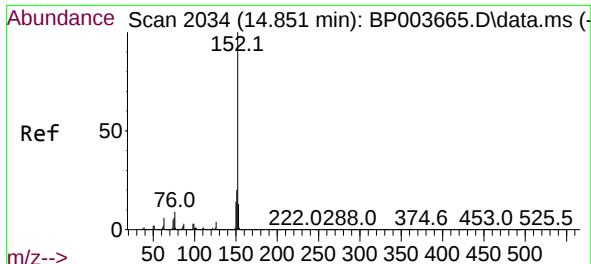
Tgt Ion:	162	Resp:	71038
Ion	Ratio	Lower	Upper
162	100		
127	37.4	29.9	44.9
164	32.1	26.1	39.1



#48
2-Nitroaniline
Concen: 2.61 ng
RT: 14.181 min Scan# 1920
Delta R.T. -0.006 min
Lab File: BP003689.D
Acq: 21 Oct 2020 13:00

Tgt Ion:	65	Resp:	15422
Ion	Ratio	Lower	Upper
65	100		
92	65.5	70.6	106.0#
138	90.9	133.6	200.4#





#49

Acenaphthylene

Concen: 3.44 ng

RT: 14.845 min Scan# 2033

Delta R.T. -0.006 min

Lab File: BP003689.D

Acq: 21 Oct 2020 13:00

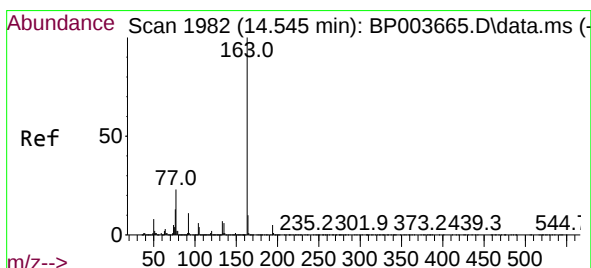
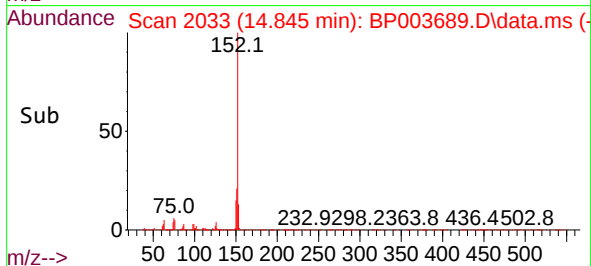
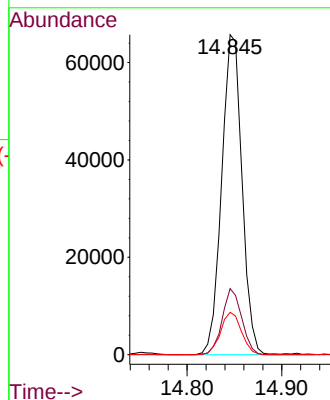
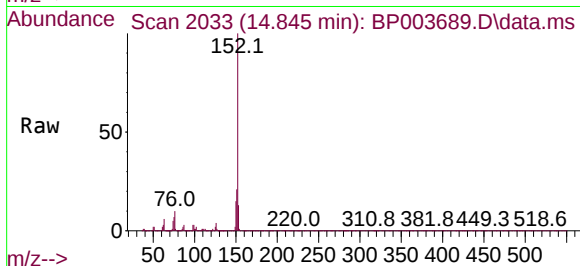
Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-03-QT4-2020

Tgt Ion:152	Resp:	98009
Ion Ratio	Lower	Upper
152	100	
151	20.6	15.9 23.9
153	13.2	10.5 15.7



#50

Dimethylphthalate

Concen: 3.43 ng

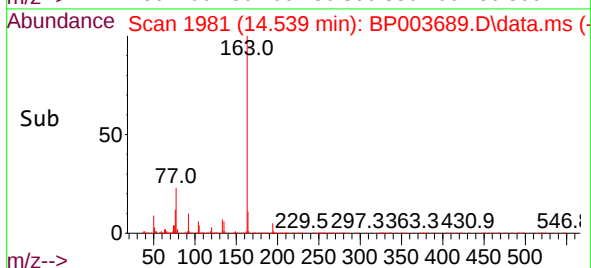
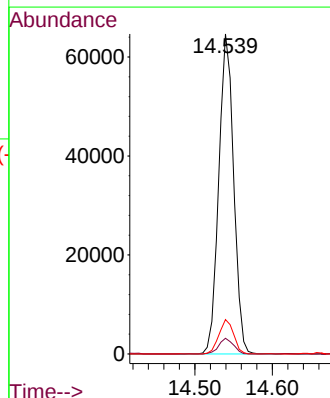
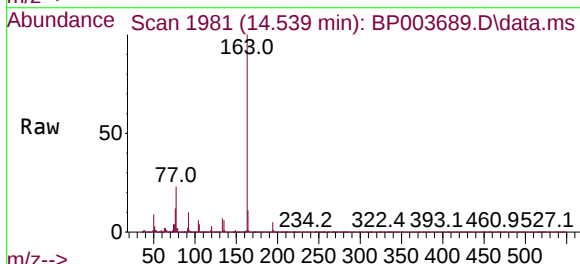
RT: 14.539 min Scan# 1981

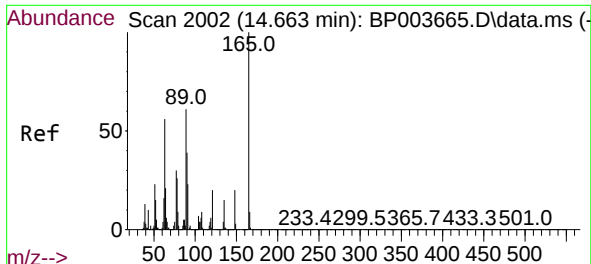
Delta R.T. -0.006 min

Lab File: BP003689.D

Acq: 21 Oct 2020 13:00

Tgt Ion:163	Resp:	86359
Ion Ratio	Lower	Upper
163	100	
194	4.9	3.3 4.9
164	10.8	8.2 12.2

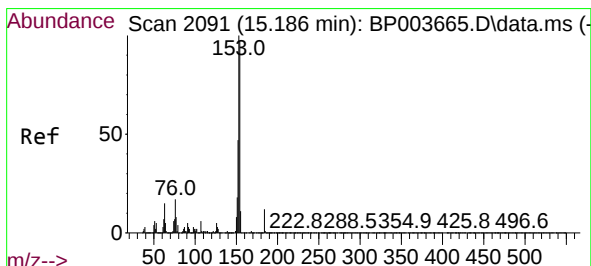
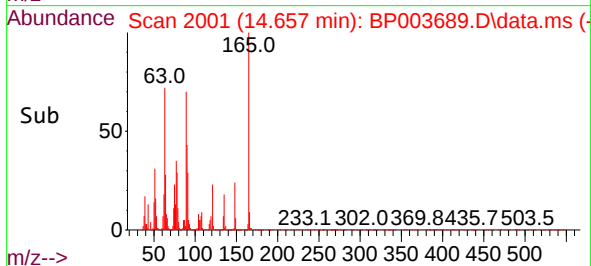
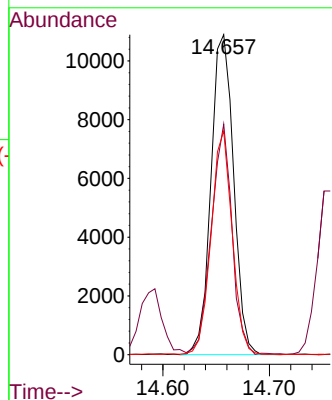
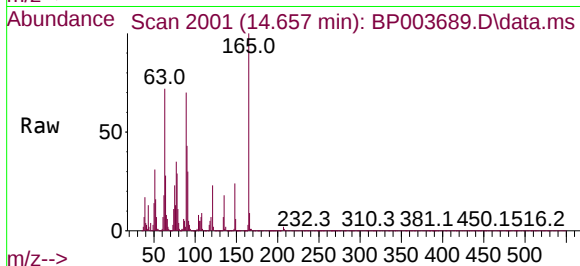




#51
2,6-Dinitrotoluene
Concen: 3.14 ng
RT: 14.657 min Scan# 2001
Delta R.T. -0.006 min
Lab File: BP003689.D
Acq: 21 Oct 2020 13:00

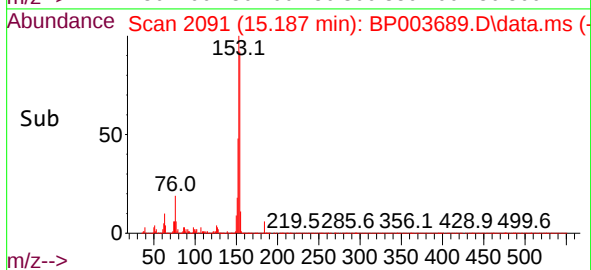
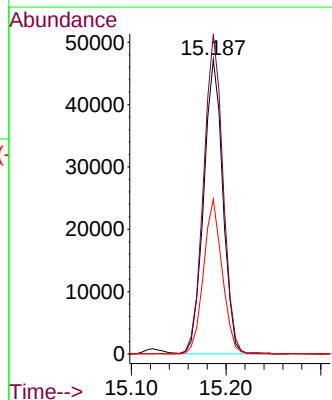
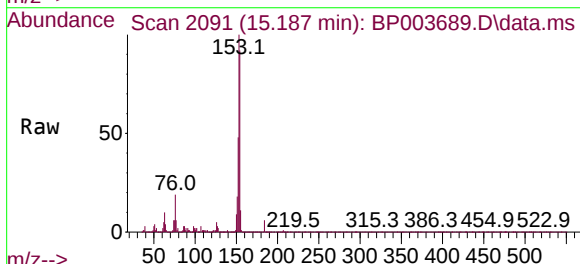
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT4-2020

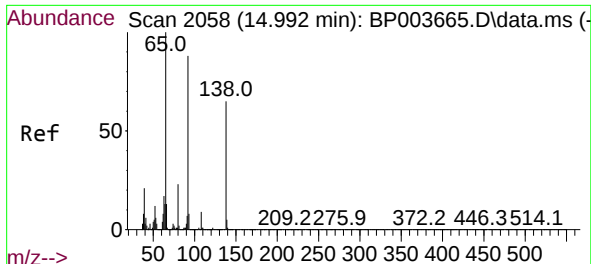
Tgt Ion:165 Resp: 16052
Ion Ratio Lower Upper
165 100
63 72.0 27.8 41.6#
89 70.0 34.6 52.0#



#52
Acenaphthene
Concen: 3.44 ng
RT: 15.187 min Scan# 2091
Delta R.T. 0.000 min
Lab File: BP003689.D
Acq: 21 Oct 2020 13:00

Tgt Ion:154 Resp: 66184
Ion Ratio Lower Upper
154 100
153 108.7 91.0 136.6
152 52.5 43.0 64.6

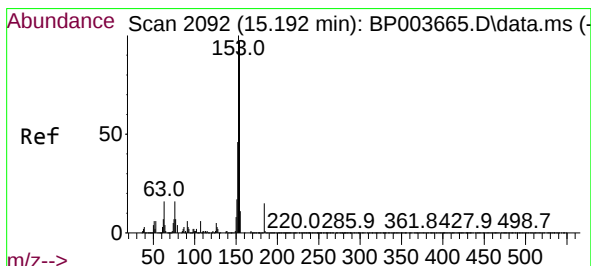
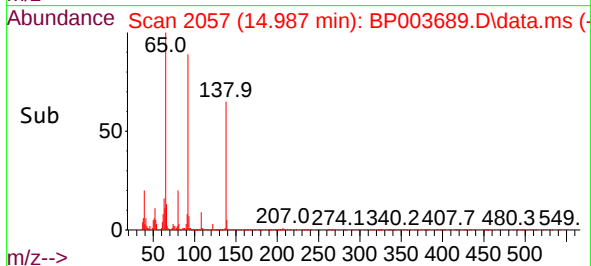
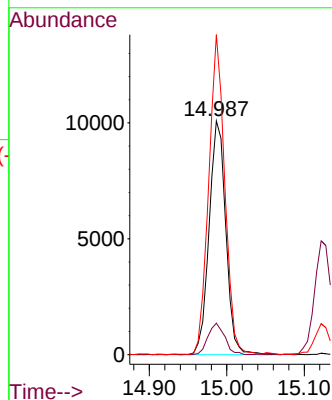
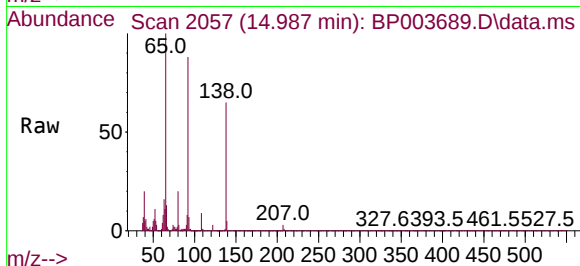




#53
3-Nitroaniline
Concen: 3.01 ng
RT: 14.987 min Scan# 2057
Delta R.T. -0.006 min
Lab File: BP003689.D
Acq: 21 Oct 2020 13:00

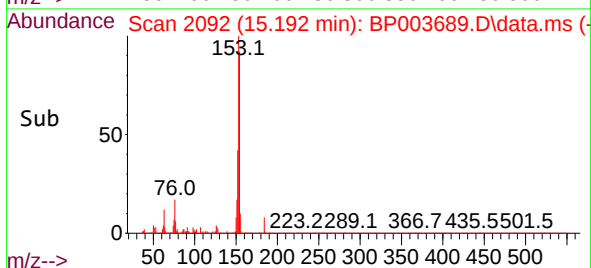
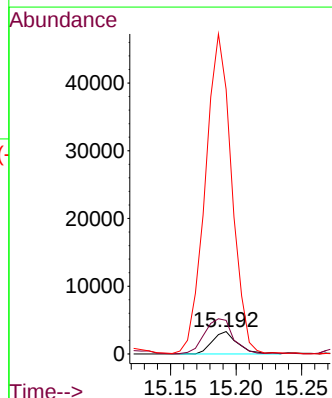
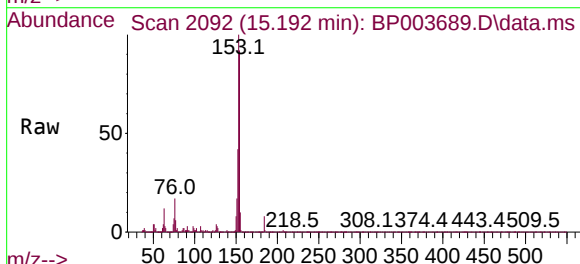
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT4-2020

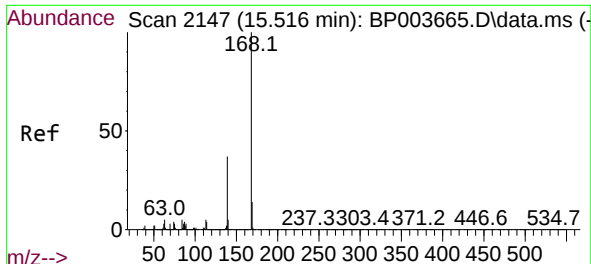
Tgt Ion:138 Resp: 15117
Ion Ratio Lower Upper
138 100
108 13.5 7.5 11.3#
92 136.9 75.0 112.6#



#54
2,4-Dinitrophenol
Concen: 1.89 ng
RT: 15.192 min Scan# 2092
Delta R.T. 0.000 min
Lab File: BP003689.D
Acq: 21 Oct 2020 13:00

Tgt Ion:184 Resp: 4426
Ion Ratio Lower Upper
184 100
63 150.1 32.3 48.5#
154 1183.4 49.1 73.7#

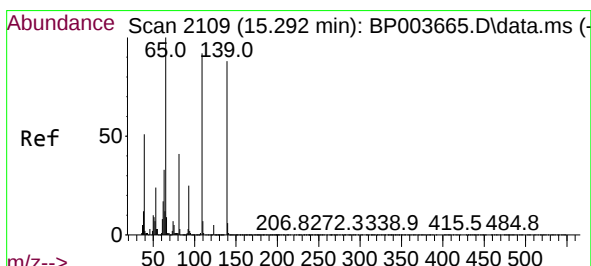
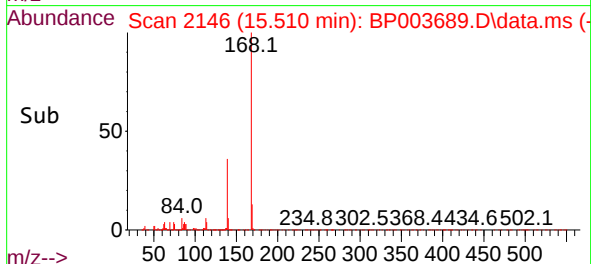
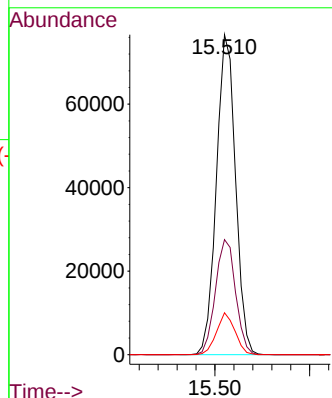
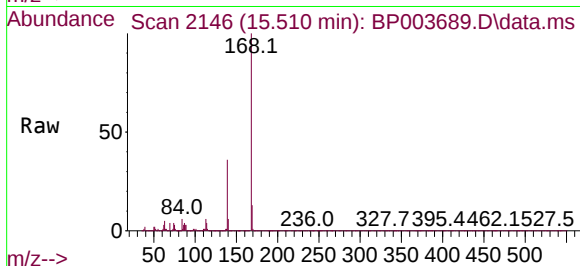




#55
Dibenzenofuran
Concen: 3.69 ng
RT: 15.510 min Scan# 2146
Delta R.T. -0.006 min
Lab File: BP003689.D
Acq: 21 Oct 2020 13:00

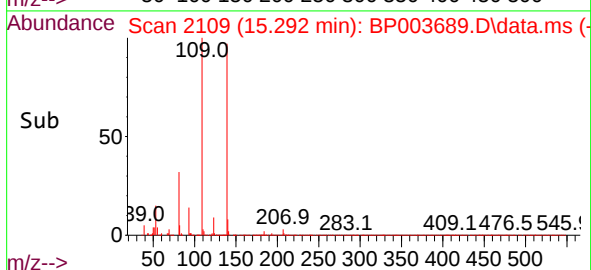
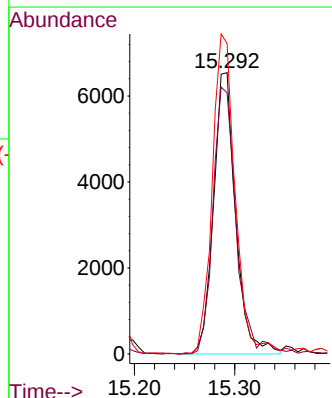
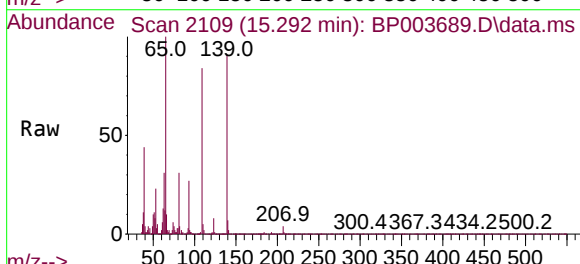
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT4-2020

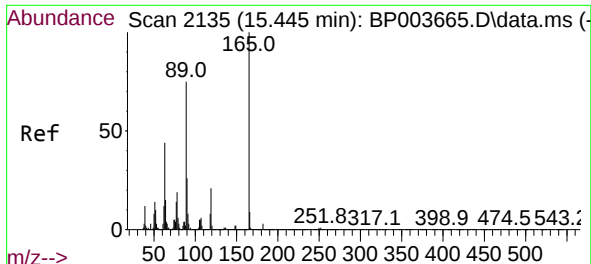
Tgt Ion:168 Resp: 107254
Ion Ratio Lower Upper
168 100
139 35.9 29.1 43.7
169 13.1 10.4 15.6



#56
4-Nitrophenol
Concen: 2.67 ng
RT: 15.292 min Scan# 2109
Delta R.T. 0.000 min
Lab File: BP003689.D
Acq: 21 Oct 2020 13:00

Tgt Ion:139 Resp: 10020
Ion Ratio Lower Upper
139 100
109 92.8 44.6 84.6#
65 110.4 41.6 81.6#

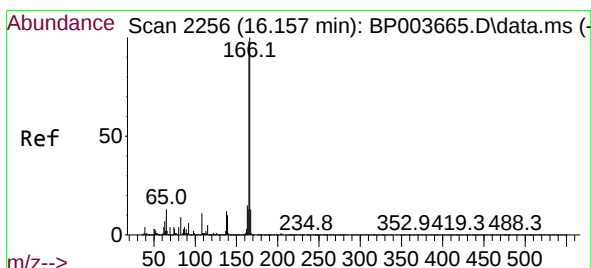
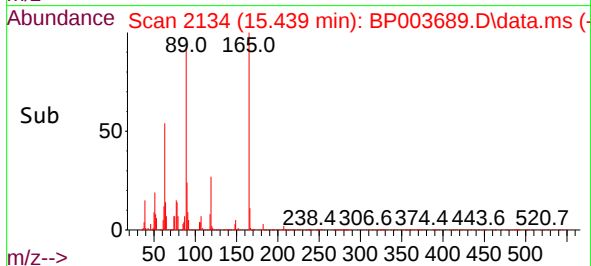
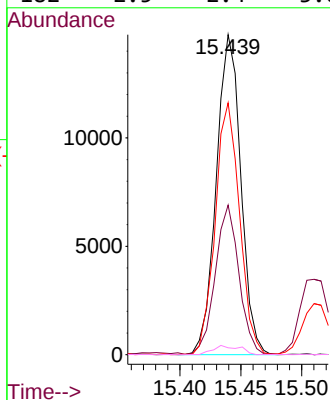
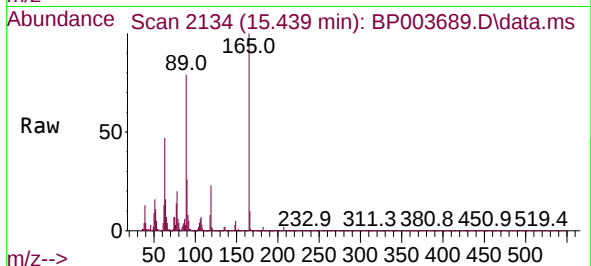




#57
2,4-Dinitrotoluene
Concen: 2.99 ng
RT: 15.439 min Scan# 2134
Delta R.T. -0.006 min
Lab File: BP003689.D
Acq: 21 Oct 2020 13:00

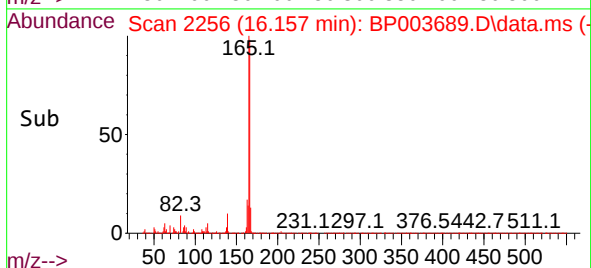
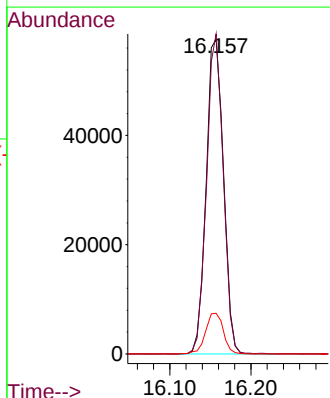
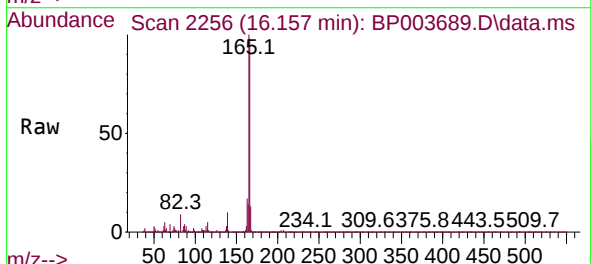
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT4-2020

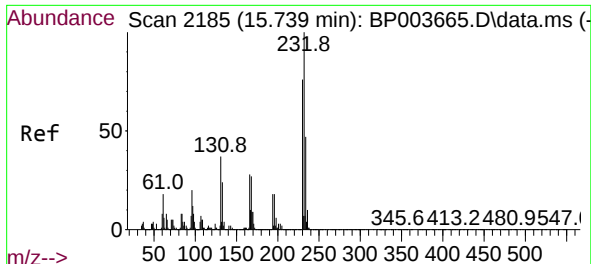
Tgt Ion:	165	Resp:	20721
Ion Ratio	Lower	Upper	
165	100		
63	46.8	20.6	31.0#
89	78.7	42.6	63.8#
182	2.5	2.4	3.6



#58
Fluorene
Concen: 3.63 ng
RT: 16.157 min Scan# 2256
Delta R.T. 0.000 min
Lab File: BP003689.D
Acq: 21 Oct 2020 13:00

Tgt Ion:	166	Resp:	85182
Ion Ratio	Lower	Upper	
166	100		
165	101.7	77.8	116.8
167	12.9	11.0	16.4

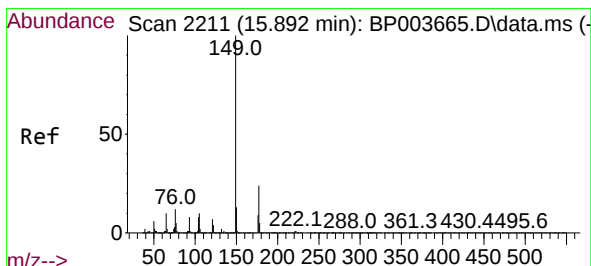
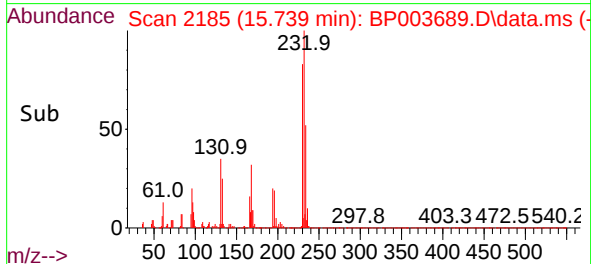
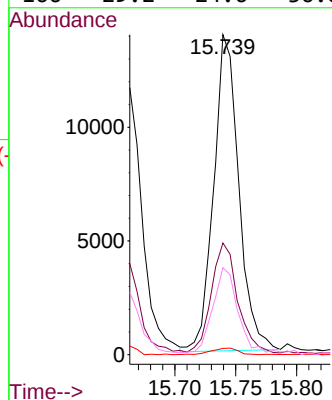
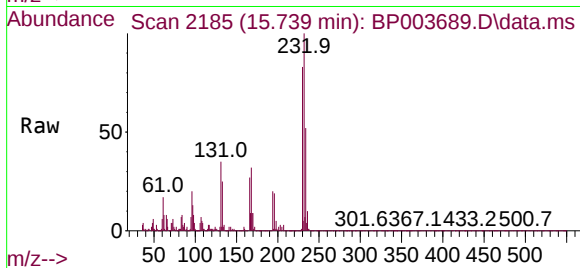




#59
2,3,4,6-Tetrachlorophenol
Concen: 2.78 ng
RT: 15.739 min Scan# 2185
Delta R.T. 0.000 min
Lab File: BP003689.D
Acq: 21 Oct 2020 13:00

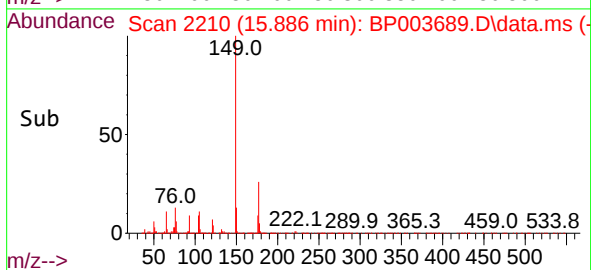
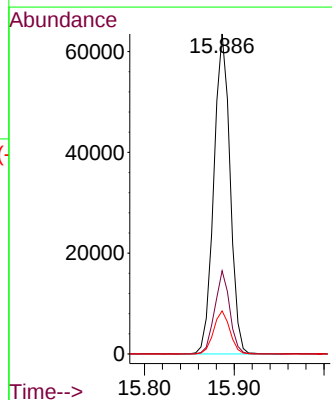
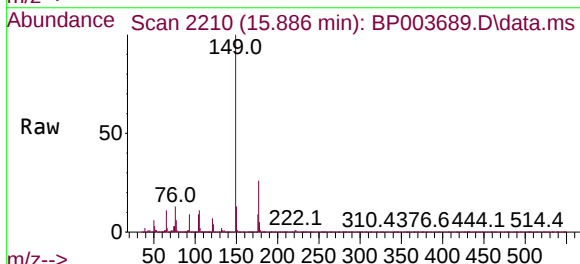
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT4-2020

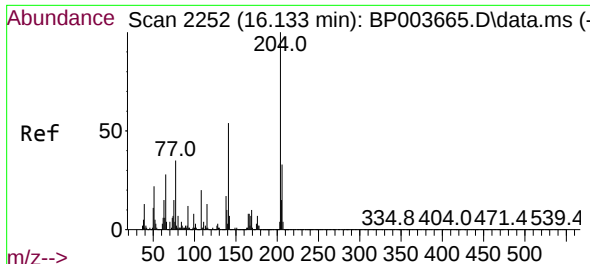
Tgt Ion:232	Resp:	19960
Ion Ratio	Lower	Upper
232	100	
131	36.6	34.1 51.1
130	2.2	1.8 2.8
166	29.2	24.6 36.8



#60
Diethylphthalate
Concen: 3.24 ng
RT: 15.886 min Scan# 2210
Delta R.T. -0.006 min
Lab File: BP003689.D
Acq: 21 Oct 2020 13:00

Tgt Ion:149	Resp:	79798
Ion Ratio	Lower	Upper
149	100	
177	26.0	18.0 27.0
150	13.4	10.0 15.0

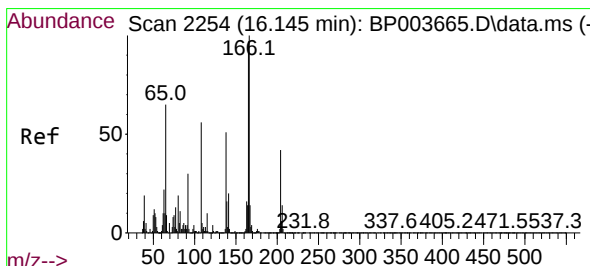
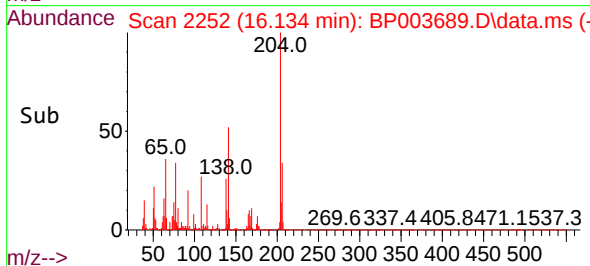
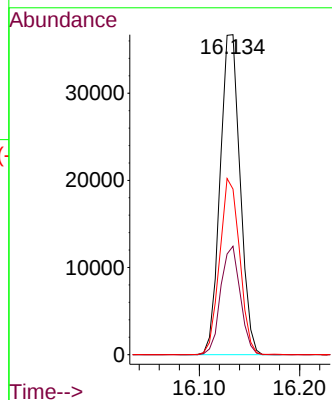
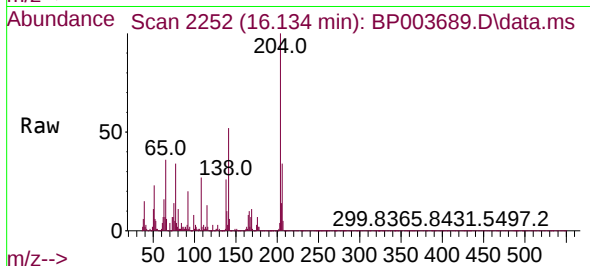




#61
4-Chlorophenyl-phenylether
Concen: 3.58 ng
RT: 16.134 min Scan# 2252
Delta R.T. 0.000 min
Lab File: BP003689.D
Acq: 21 Oct 2020 13:00

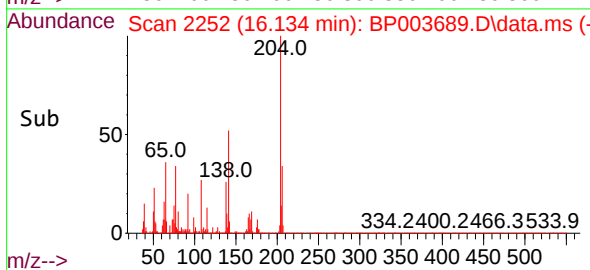
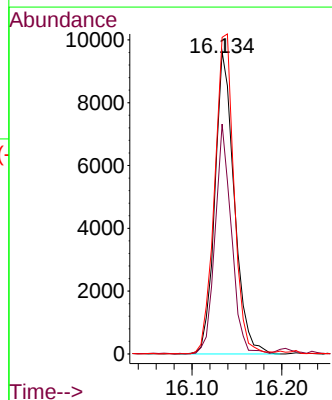
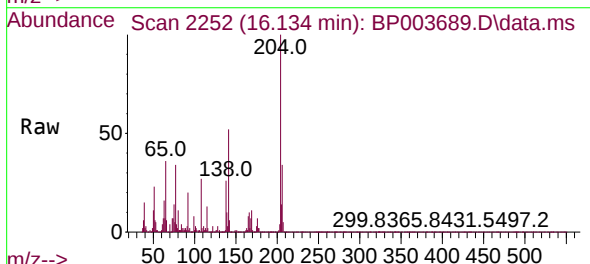
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT4-2020

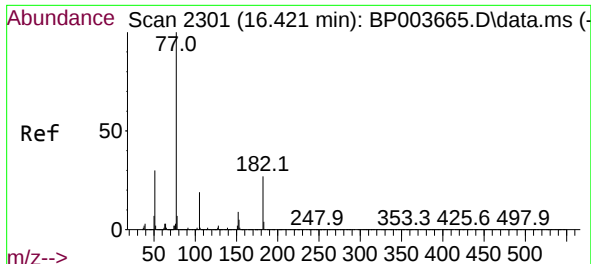
Tgt Ion:	204	Resp:	50780
Ion Ratio	Lower	Upper	
204	100		
206	33.9	25.9	38.9
141	51.7	46.5	69.7



#62
4-Nitroaniline
Concen: 2.59 ng
RT: 16.134 min Scan# 2252
Delta R.T. -0.011 min
Lab File: BP003689.D
Acq: 21 Oct 2020 13:00

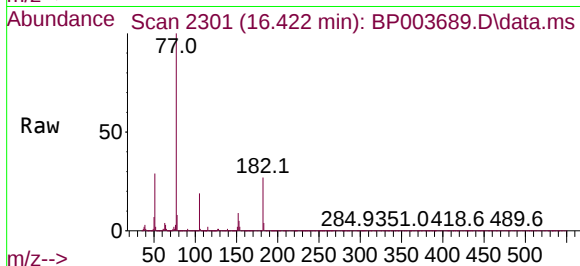
Tgt Ion:	138	Resp:	14444
Ion Ratio	Lower	Upper	
138	100		
92	76.1	20.7	60.7#
108	104.8	47.8	87.8#



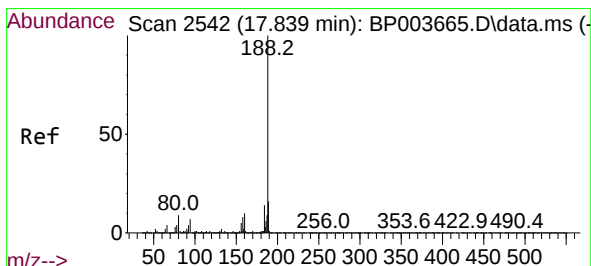
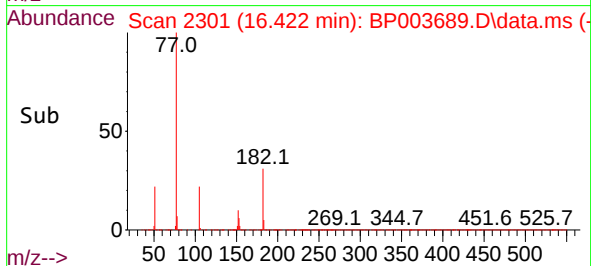
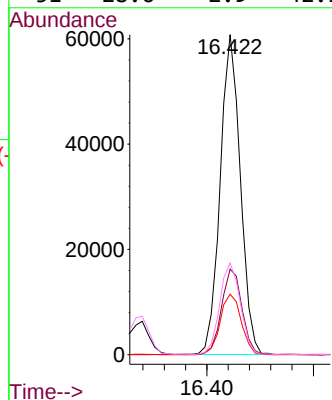


#63
Azobenzene
Concen: 3.44 ng
RT: 16.422 min Scan# 2301
Delta R.T. 0.000 min
Lab File: BP003689.D
Acq: 21 Oct 2020 13:00

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT4-2020

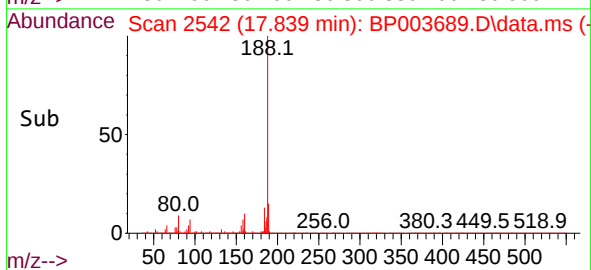
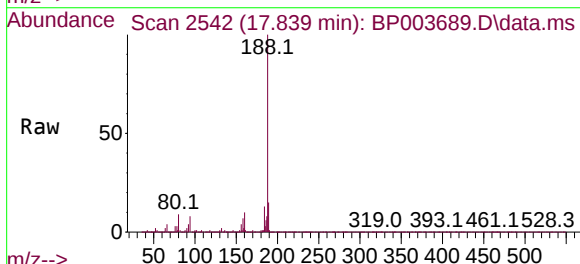
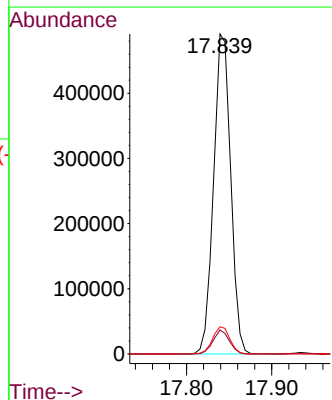


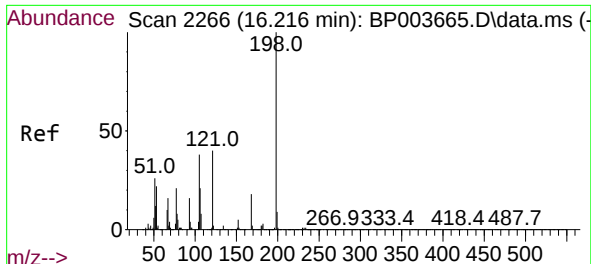
Tgt Ion: 77	Resp: 79725
Ion Ratio	Lower Upper
77	100
182	26.8 16.9 56.9
105	18.9 5.6 45.6
51	28.6 2.9 42.9



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.839 min Scan# 2542
Delta R.T. 0.000 min
Lab File: BP003689.D
Acq: 21 Oct 2020 13:00

Tgt Ion: 188	Resp: 683217
Ion Ratio	Lower Upper
188	100
94	7.5 6.2 9.2
80	8.5 6.2 9.2

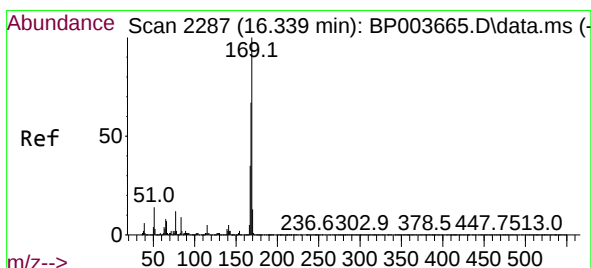
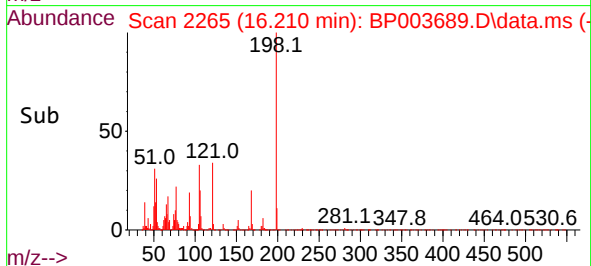
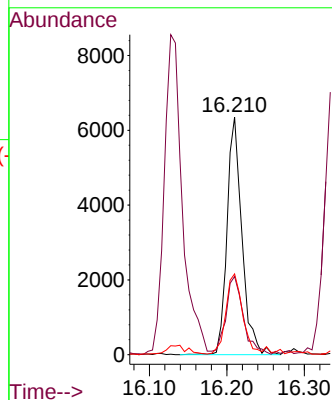
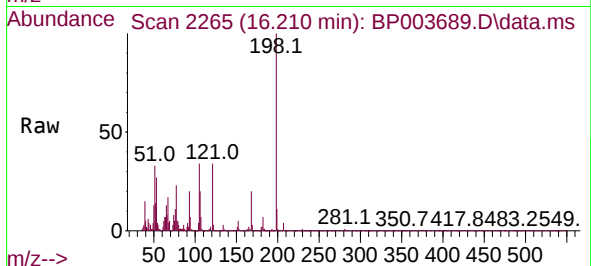




#65
4,6-Dinitro-2-methylphenol
Concen: 2.36 ng
RT: 16.210 min Scan# 2265
Delta R.T. -0.006 min
Lab File: BP003689.D
Acq: 21 Oct 2020 13:00

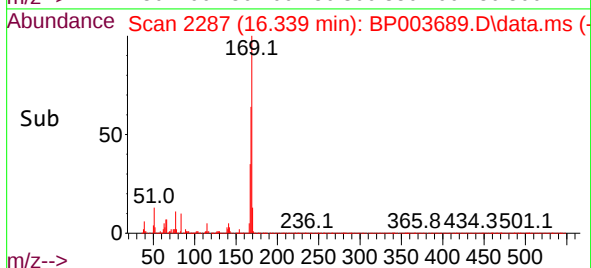
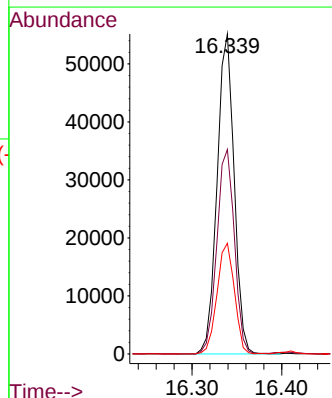
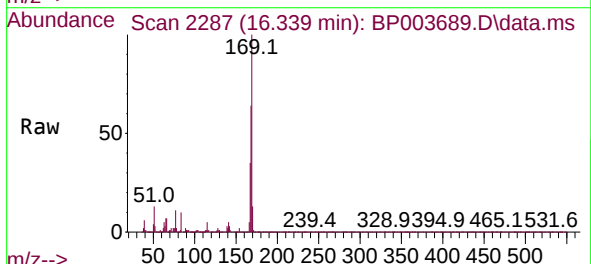
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT4-2020

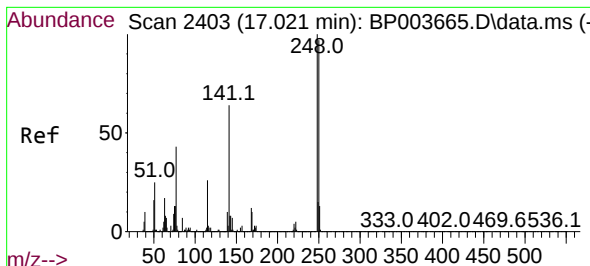
Tgt Ion:198 Resp: 8489
Ion Ratio Lower Upper
198 100
51 32.9 6.4 46.4
105 34.0 18.9 58.9



#66
n-Nitrosodiphenylamine
Concen: 3.57 ng
RT: 16.339 min Scan# 2287
Delta R.T. 0.000 min
Lab File: BP003689.D
Acq: 21 Oct 2020 13:00

Tgt Ion:169 Resp: 72632
Ion Ratio Lower Upper
169 100
168 63.9 53.8 80.6
167 34.6 28.9 43.3

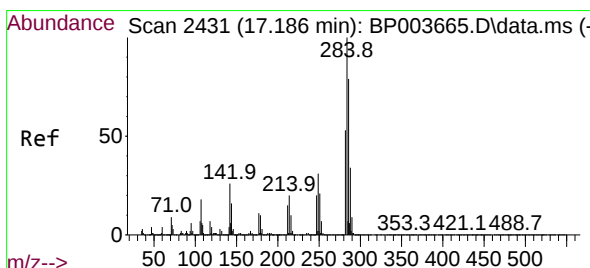
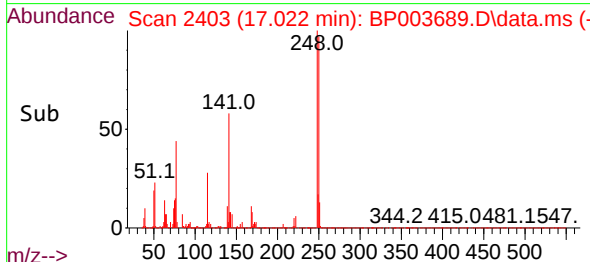
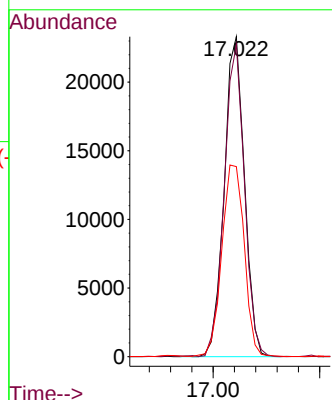
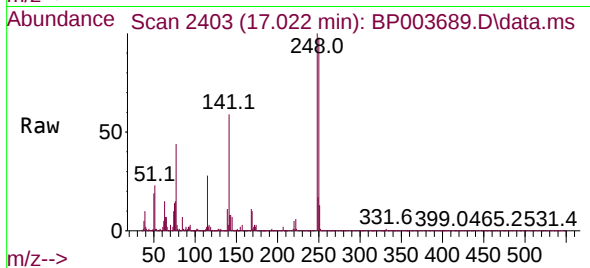




#67
4-Bromophenyl-phenylether
Concen: 3.36 ng
RT: 17.022 min Scan# 2403
Delta R.T. 0.000 min
Lab File: BP003689.D
Acq: 21 Oct 2020 13:00

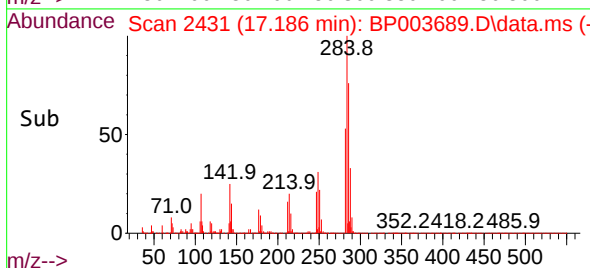
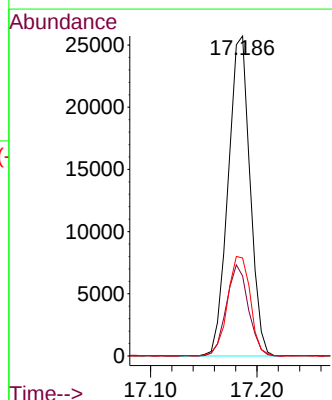
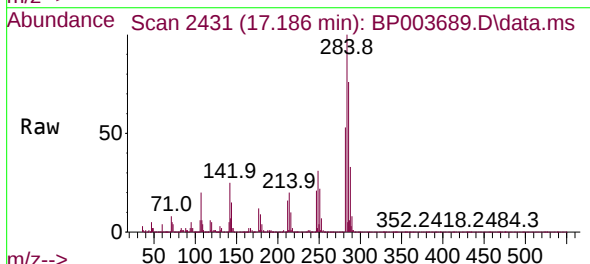
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT4-2020

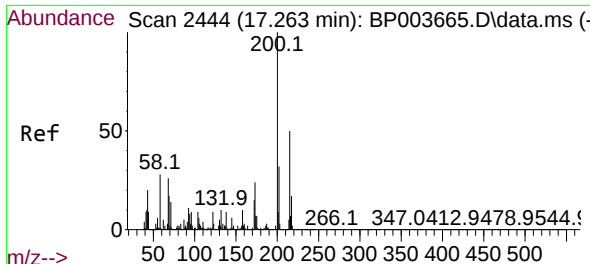
Tgt Ion:248 Resp: 30752
Ion Ratio Lower Upper
248 100
250 97.5 76.7 115.1
141 59.4 53.0 79.6



#68
Hexachlorobenzene
Concen: 3.48 ng
RT: 17.186 min Scan# 2431
Delta R.T. 0.000 min
Lab File: BP003689.D
Acq: 21 Oct 2020 13:00

Tgt Ion:284 Resp: 36647
Ion Ratio Lower Upper
284 100
142 25.0 24.2 36.4
249 30.6 23.8 35.8

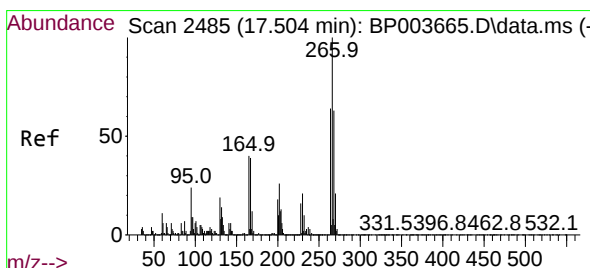
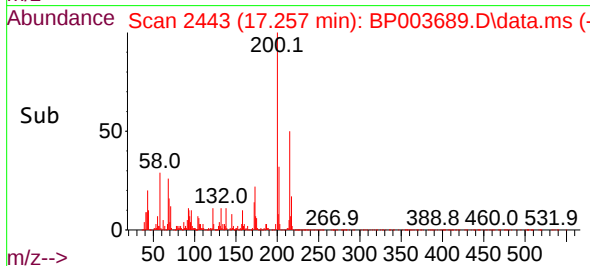
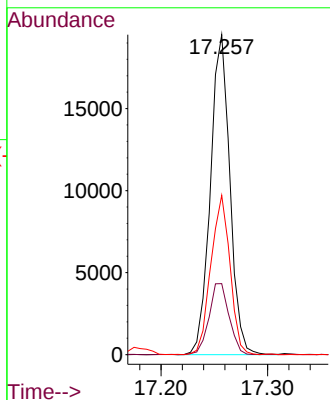
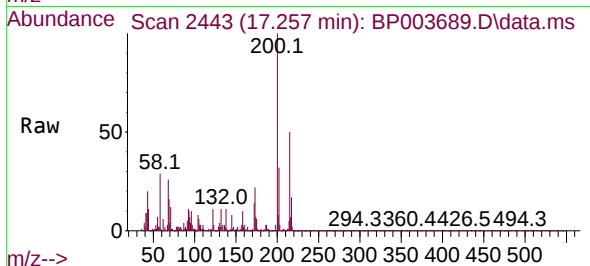




#69
Atrazine
Concen: 3.12 ng
RT: 17.257 min Scan# 2443
Delta R.T. -0.006 min
Lab File: BP003689.D
Acq: 21 Oct 2020 13:00

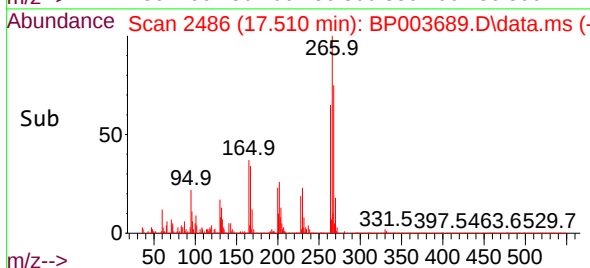
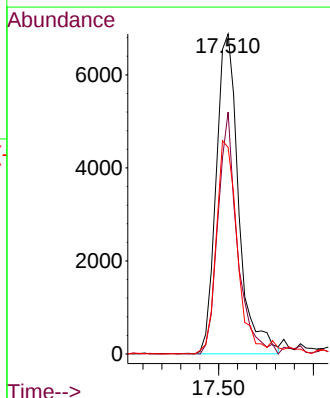
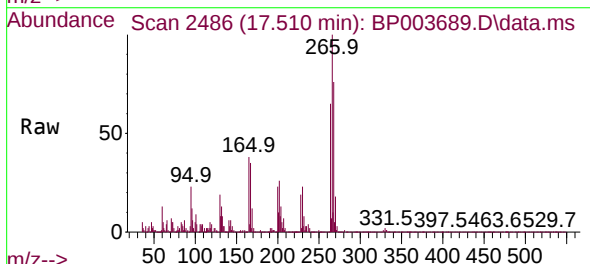
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT4-2020

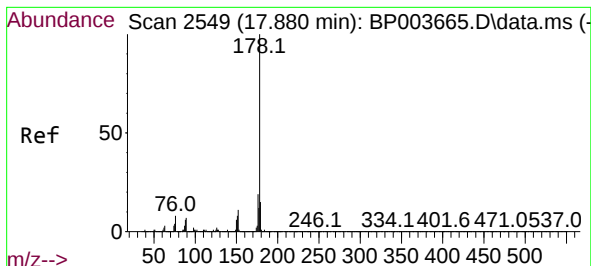
Tgt Ion:	200	Resp:	24738
Ion Ratio	Lower	Upper	
200	100		
173	22.2	5.9	45.9
215	49.8	28.4	68.4



#70
Pentachlorophenol
Concen: 2.18 ng
RT: 17.510 min Scan# 2486
Delta R.T. 0.006 min
Lab File: BP003689.D
Acq: 21 Oct 2020 13:00

Tgt Ion:	266	Resp:	11333
Ion Ratio	Lower	Upper	
266	100		
268	75.6	51.1	76.7
264	64.6	50.6	76.0

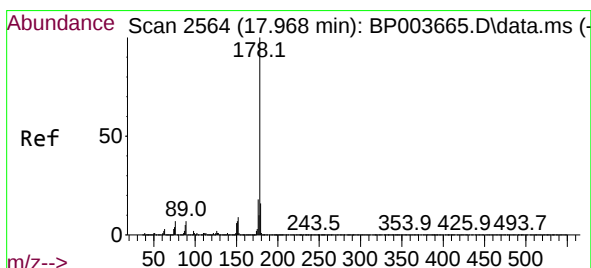
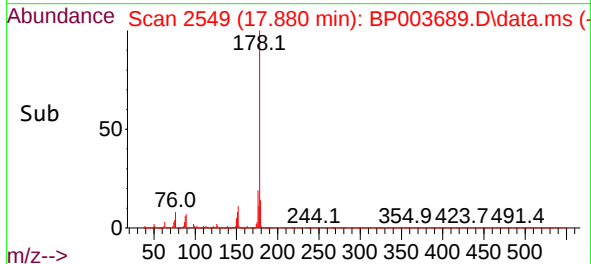
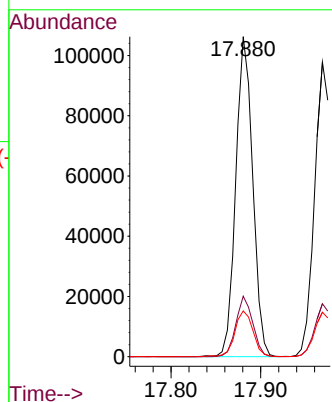
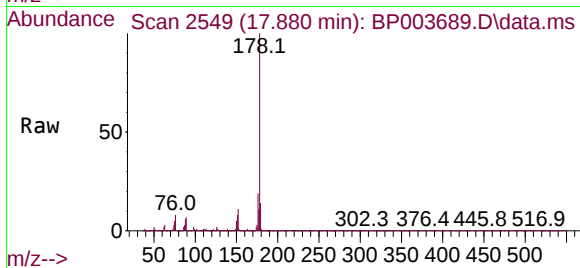




#71
Phenanthrene
Concen: 3.67 ng
RT: 17.880 min Scan# 2549
Delta R.T. 0.000 min
Lab File: BP003689.D
Acq: 21 Oct 2020 13:00

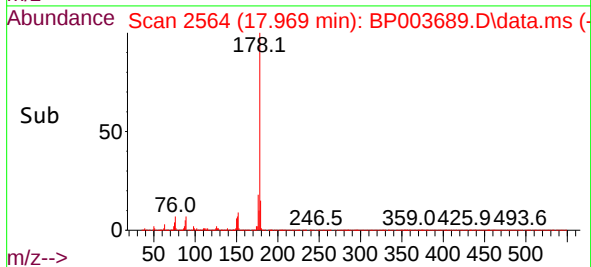
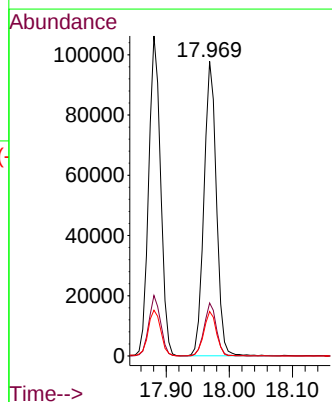
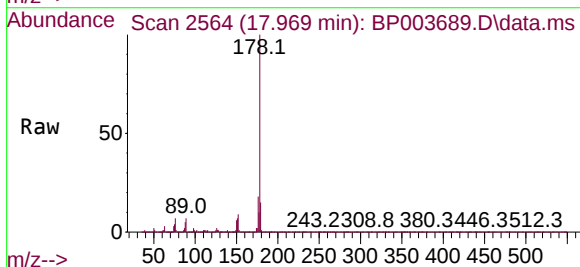
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT4-2020

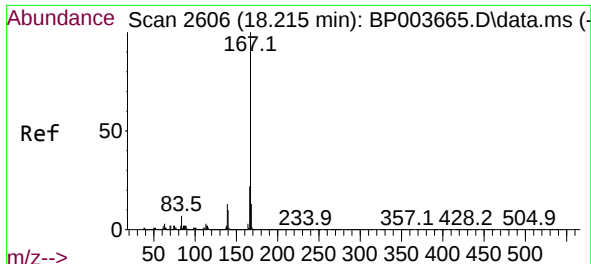
Tgt Ion:178 Resp: 139342
Ion Ratio Lower Upper
178 100
176 18.9 15.3 22.9
179 14.3 12.5 18.7



#72
Anthracene
Concen: 3.65 ng
RT: 17.969 min Scan# 2564
Delta R.T. 0.000 min
Lab File: BP003689.D
Acq: 21 Oct 2020 13:00

Tgt Ion:178 Resp: 133854
Ion Ratio Lower Upper
178 100
176 18.0 15.0 22.4
179 15.1 12.5 18.7

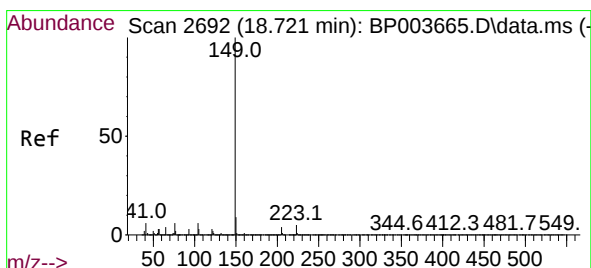
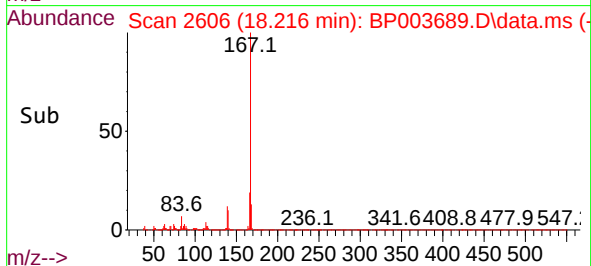
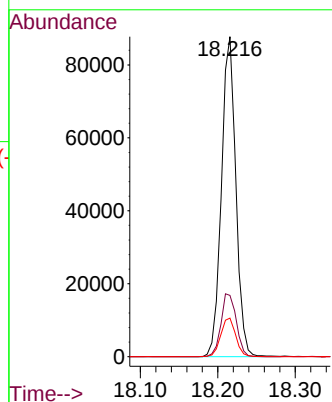
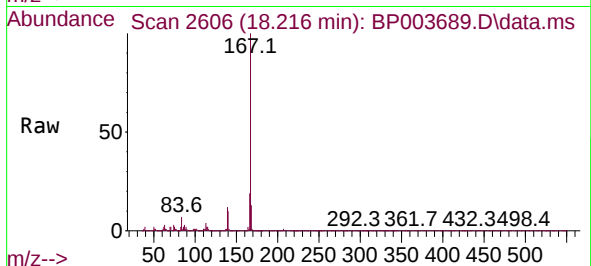




#73
 Carbazole
 Concen: 3.48 ng
 RT: 18.216 min Scan# 2606
 Delta R.T. 0.000 min
 Lab File: BP003689.D
 Acq: 21 Oct 2020 13:00

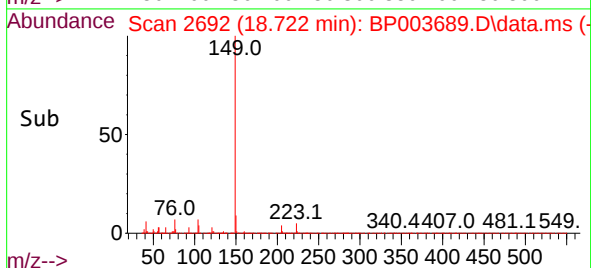
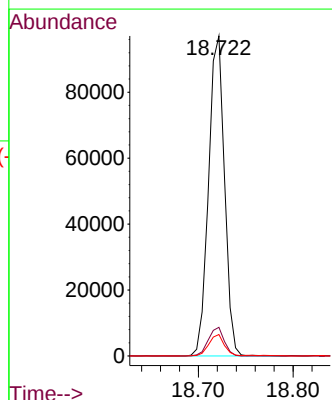
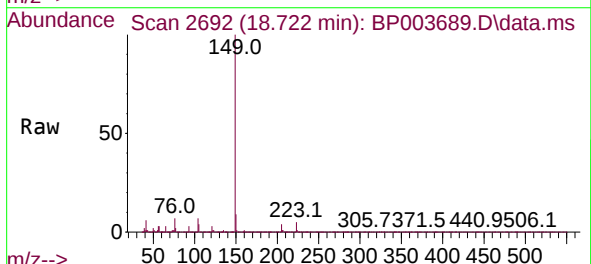
Instrument :
 BNA_P
 ClientSampleId :
 MDL-SOIL-03-QT4-2020

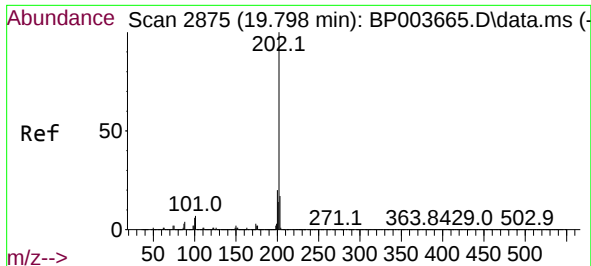
Tgt Ion:167 Resp: 113672
 Ion Ratio Lower Upper
 167 100
 166 19.1 17.6 26.4
 139 12.0 10.2 15.4



#74
 Di-n-butylphthalate
 Concen: 2.84 ng
 RT: 18.722 min Scan# 2692
 Delta R.T. 0.000 min
 Lab File: BP003689.D
 Acq: 21 Oct 2020 13:00

Tgt Ion:149 Resp: 113123
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.3 10.9
 104 6.7 3.4 5.0#

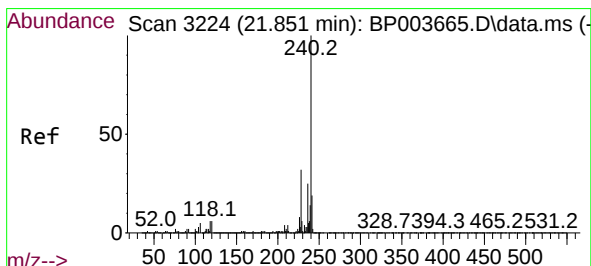
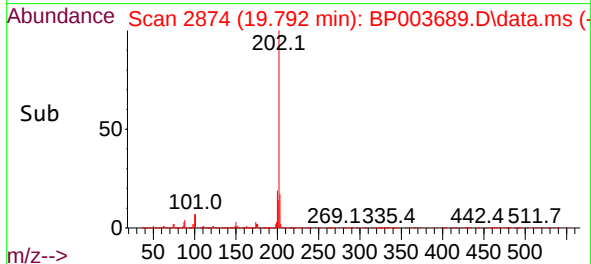
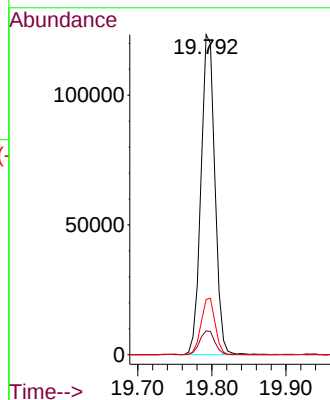
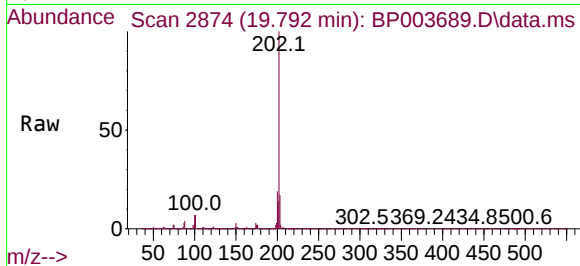




#75
Fluoranthene
Concen: 3.45 ng
RT: 19.792 min Scan# 2874
Delta R.T. -0.006 min
Lab File: BP003689.D
Acq: 21 Oct 2020 13:00

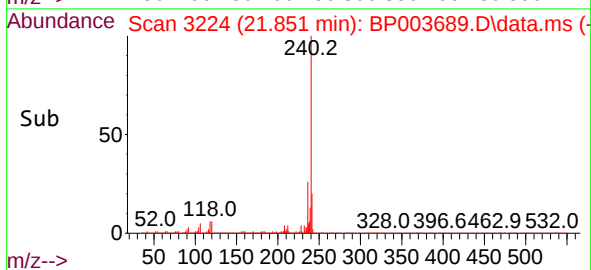
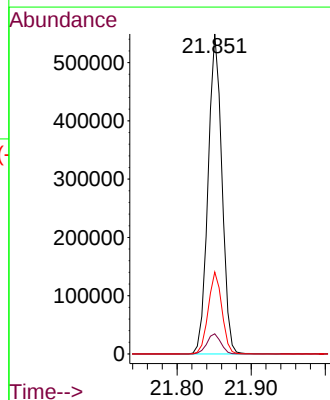
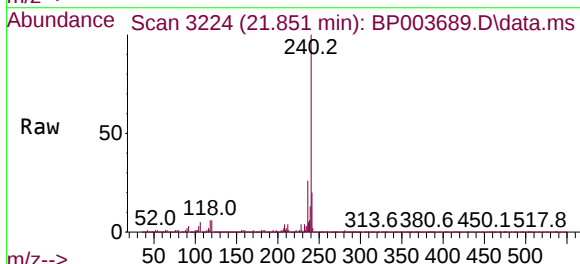
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT4-2020

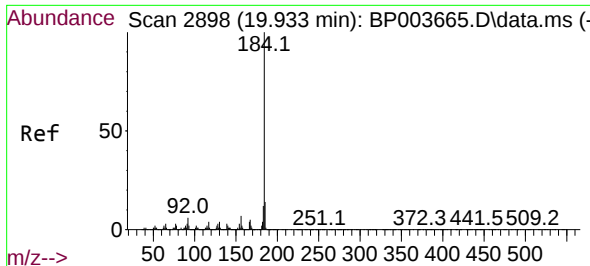
Tgt Ion:	202	Resp:	160828
Ion Ratio	Lower	Upper	
202	100		
101	7.5	0.0	29.4
203	17.3	0.0	37.8



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.851 min Scan# 3224
Delta R.T. 0.000 min
Lab File: BP003689.D
Acq: 21 Oct 2020 13:00

Tgt Ion:	240	Resp:	713183
Ion Ratio	Lower	Upper	
240	100		
120	6.3	7.8	11.6#
236	25.6	20.8	31.2

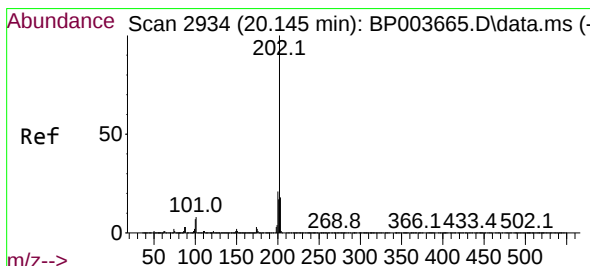
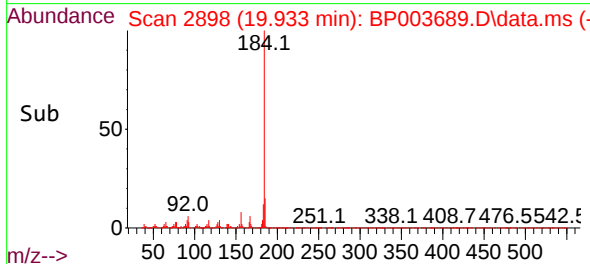
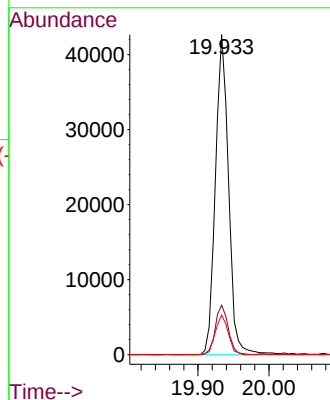
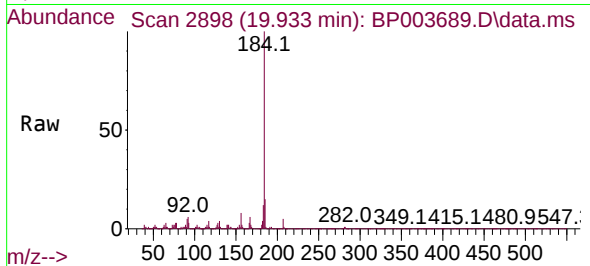




#77
Benzidine
Concen: 3.20 ng
RT: 19.933 min Scan# 2898
Delta R.T. 0.000 min
Lab File: BP003689.D
Acq: 21 Oct 2020 13:00

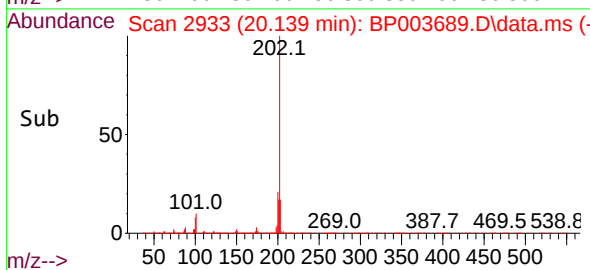
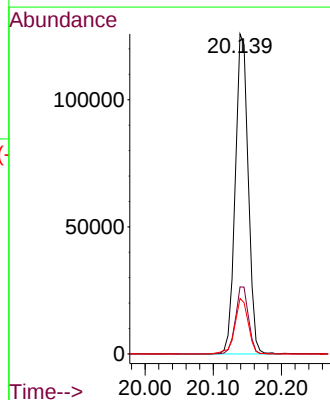
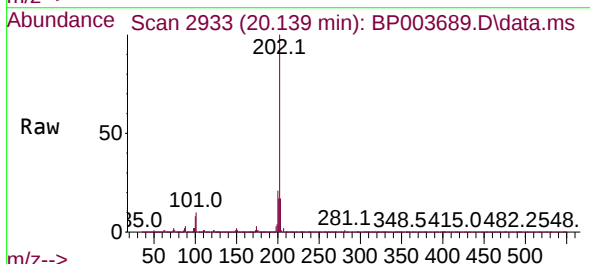
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT4-2020

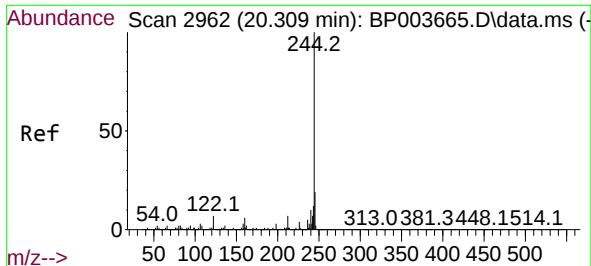
Tgt Ion:184	Resp:	54717
Ion Ratio	Lower	Upper
184	100	
185	15.5	11.5 17.3
183	12.4	9.6 14.4



#78
Pyrene
Concen: 3.48 ng
RT: 20.139 min Scan# 2933
Delta R.T. -0.006 min
Lab File: BP003689.D
Acq: 21 Oct 2020 13:00

Tgt Ion:202	Resp:	166293
Ion Ratio	Lower	Upper
202	100	
200	21.0	17.1 25.7
203	17.4	14.2 21.2

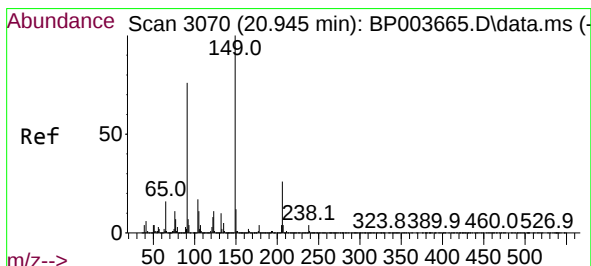
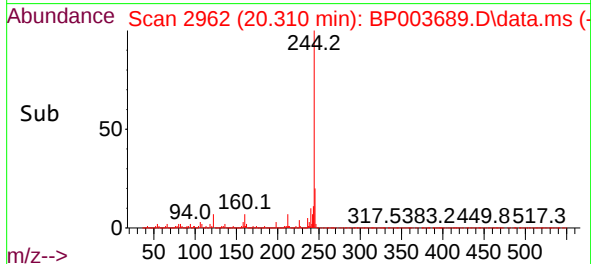
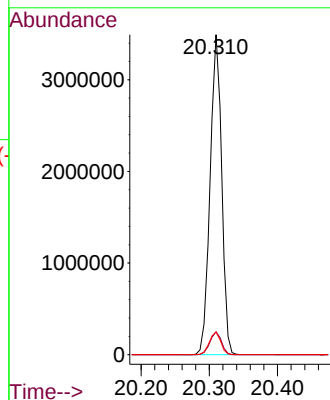
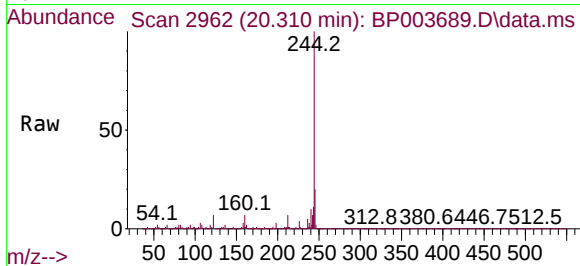




#79
 Terphenyl-d14
 Concen: 101.51 ng
 RT: 20.310 min Scan# 2962
 Delta R.T. 0.000 min
 Lab File: BP003689.D
 Acq: 21 Oct 2020 13:00

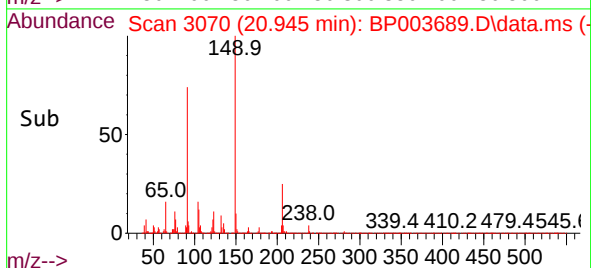
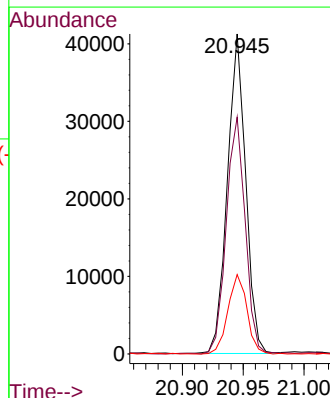
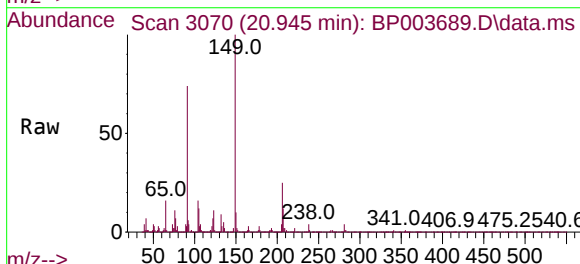
Instrument :
 BNA_P
 ClientSampleId :
 MDL-SOIL-03-QT4-2020

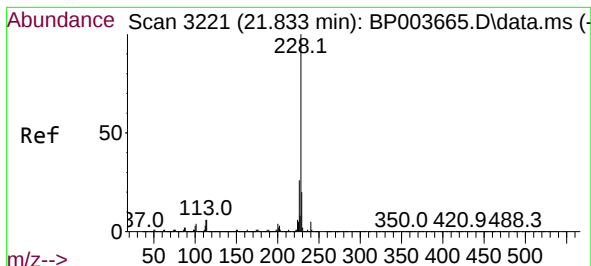
Tgt Ion:244 Resp: 4116398
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.6
 122 7.1 7.8 11.8#



#80
 Butylbenzylphthalate
 Concen: 2.47 ng
 RT: 20.945 min Scan# 3070
 Delta R.T. 0.000 min
 Lab File: BP003689.D
 Acq: 21 Oct 2020 13:00

Tgt Ion:149 Resp: 43144
 Ion Ratio Lower Upper
 149 100
 91 74.0 45.4 68.0#
 206 24.8 17.1 25.7

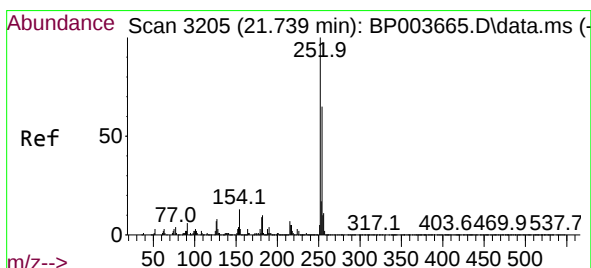
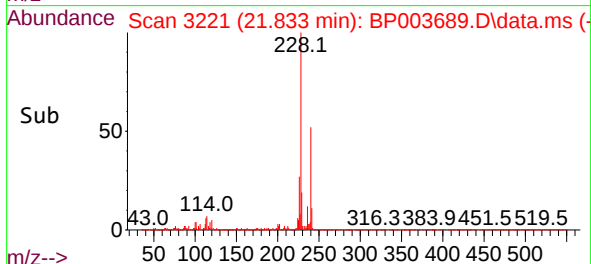
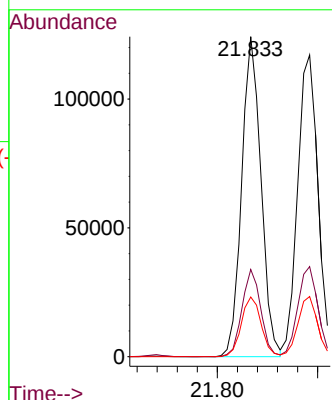
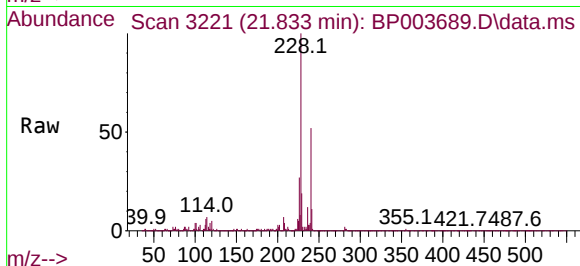




#81
Benzo(a)anthracene
Concen: 3.50 ng
RT: 21.833 min Scan# 3221
Delta R.T. 0.000 min
Lab File: BP003689.D
Acq: 21 Oct 2020 13:00

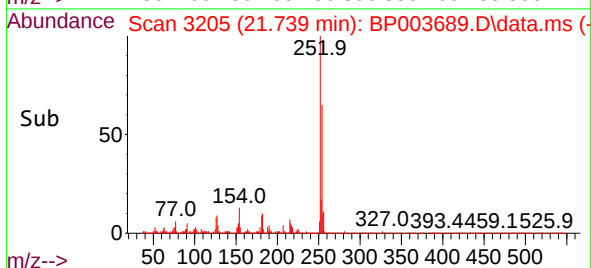
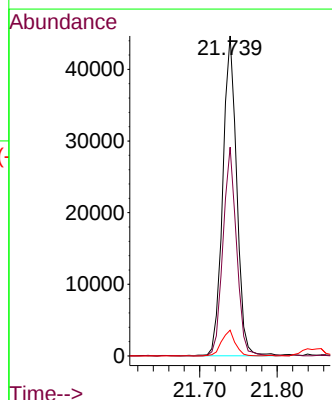
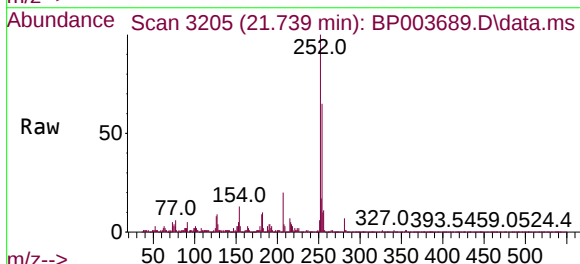
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT4-2020

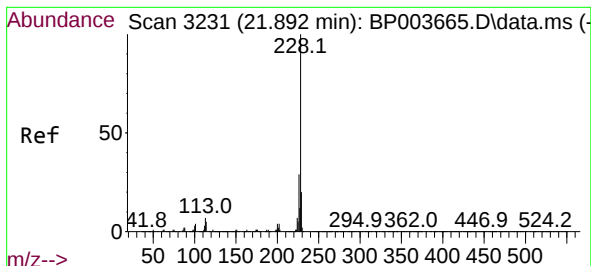
Tgt Ion:	228	Resp:	166529
Ion Ratio	Lower	Upper	
228	100		
226	27.2	22.1	33.1
229	18.6	15.9	23.9



#82
3,3'-Dichlorobenzidine
Concen: 3.35 ng
RT: 21.739 min Scan# 3205
Delta R.T. 0.000 min
Lab File: BP003689.D
Acq: 21 Oct 2020 13:00

Tgt Ion:	252	Resp:	55831
Ion Ratio	Lower	Upper	
252	100		
254	65.3	51.0	76.4
126	8.1	7.9	11.9





#83

Chrysene

Concen: 3.62 ng

RT: 21.892 min Scan# 3231

Delta R.T. 0.000 min

Lab File: BP003689.D

Acq: 21 Oct 2020 13:00

Tgt Ion:228 Resp: 163317

Ion Ratio Lower Upper

228 100

226 29.8 24.4 36.6

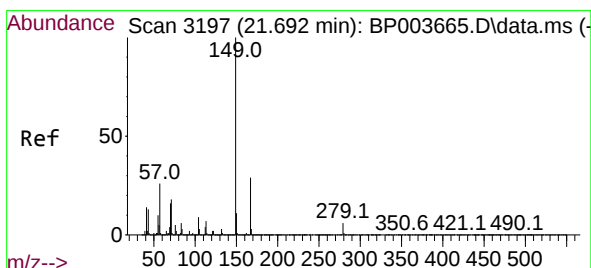
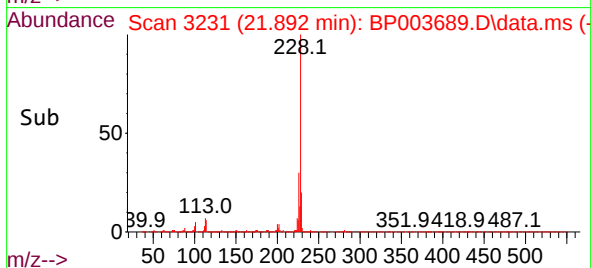
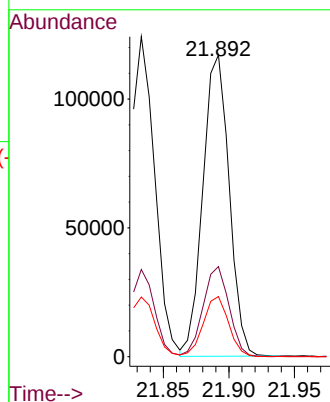
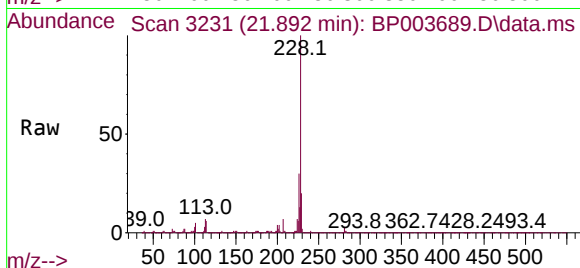
229 19.9 15.8 23.6

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-03-QT4-2020



#84

Bis(2-ethylhexyl)phthalate

Concen: 2.60 ng

RT: 21.698 min Scan# 3198

Delta R.T. 0.006 min

Lab File: BP003689.D

Acq: 21 Oct 2020 13:00

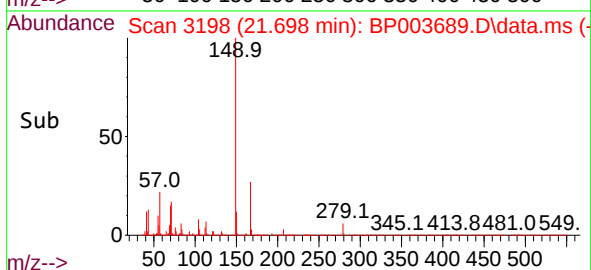
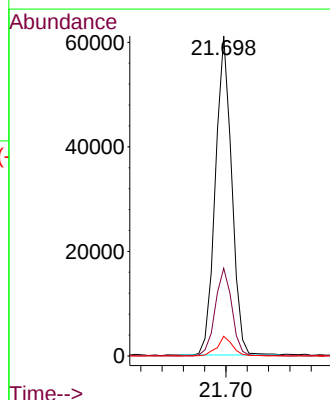
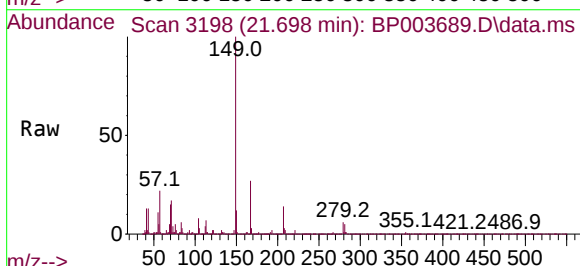
Tgt Ion:149 Resp: 65005

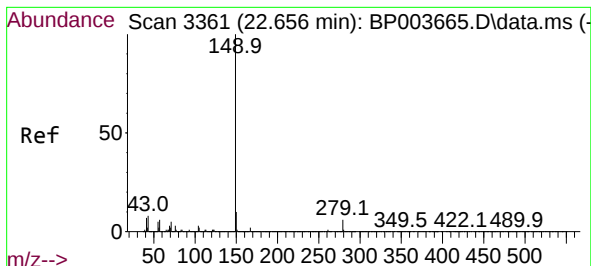
Ion Ratio Lower Upper

149 100

167 27.4 22.6 34.0

279 6.1 4.2 6.2

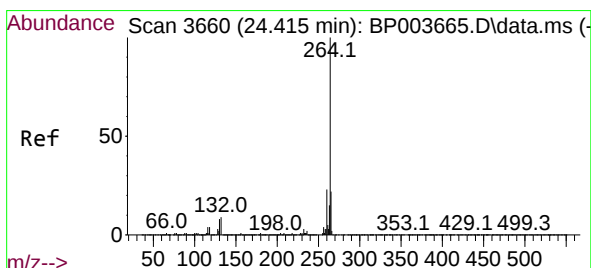
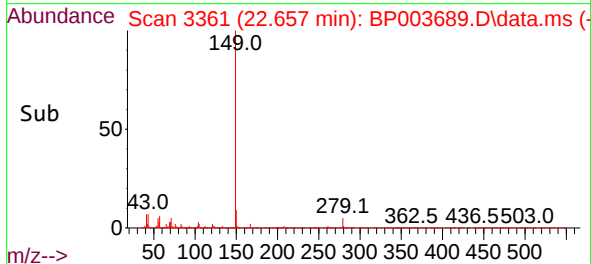
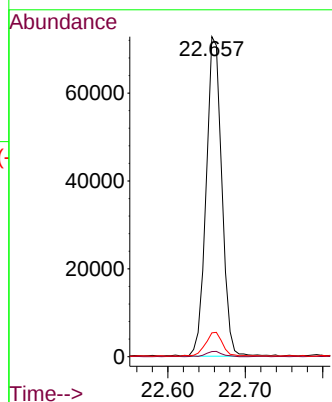
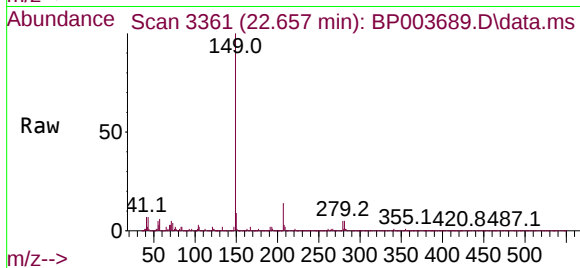




#85
Di-n-octyl phthalate
Concen: 2.50 ng
RT: 22.657 min Scan# 3361
Delta R.T. 0.000 min
Lab File: BP003689.D
Acq: 21 Oct 2020 13:00

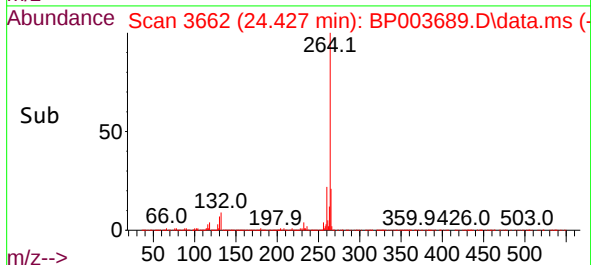
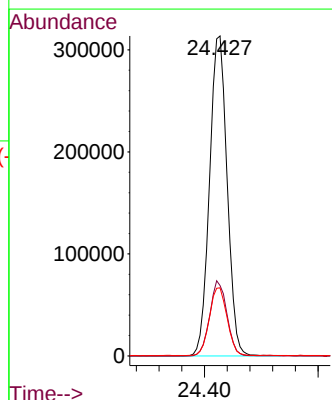
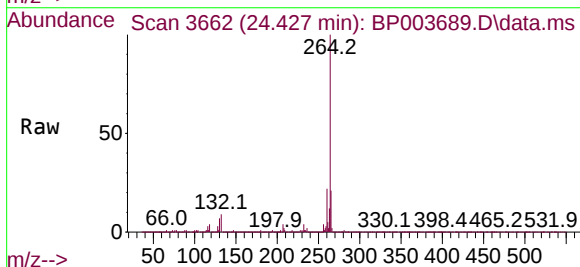
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT4-2020

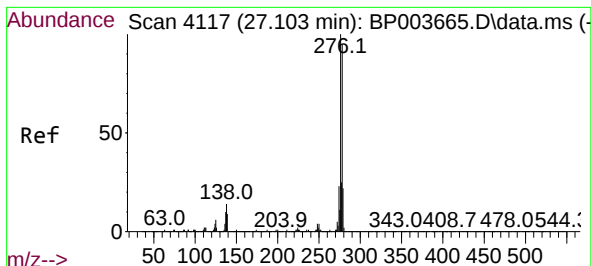
Tgt Ion:149 Resp: 101733
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 8.1 3.7 5.5#



#86
Perylene-d12
Concen: 20.00 ng
RT: 24.427 min Scan# 3662
Delta R.T. 0.012 min
Lab File: BP003689.D
Acq: 21 Oct 2020 13:00

Tgt Ion:264 Resp: 673584
Ion Ratio Lower Upper
264 100
260 22.0 18.8 28.2
265 21.3 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 3.23 ng

RT: 27.098 min Scan# 4116

Delta R.T. -0.006 min

Lab File: BP003689.D

Acq: 21 Oct 2020 13:00

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-03-QT4-2020

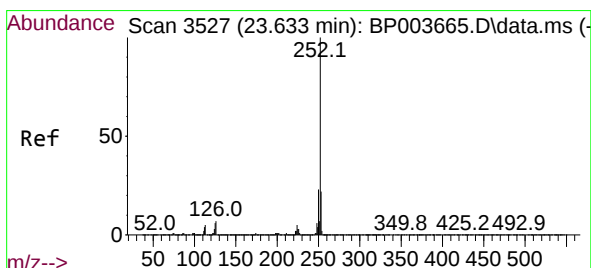
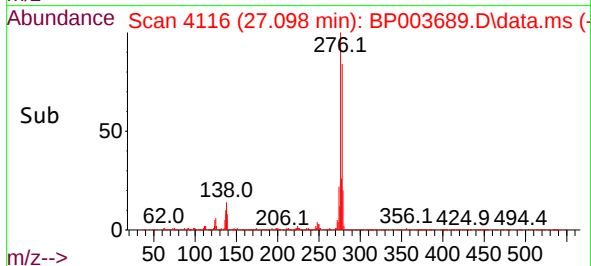
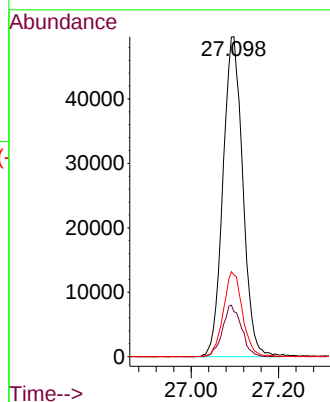
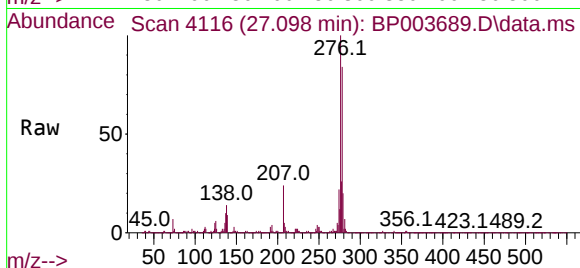
Tgt Ion:276 Resp: 156024

Ion Ratio Lower Upper

276 100

138 15.3 18.7 28.1#

277 25.7 20.4 30.6



#88

Benzo(b)fluoranthene

Concen: 3.26 ng

RT: 23.633 min Scan# 3527

Delta R.T. 0.000 min

Lab File: BP003689.D

Acq: 21 Oct 2020 13:00

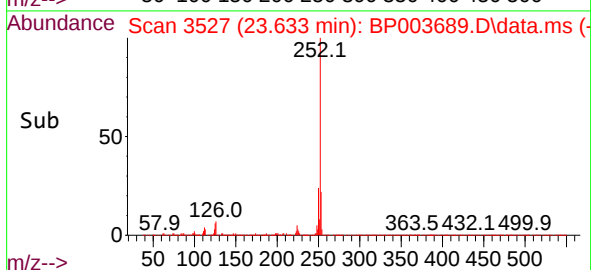
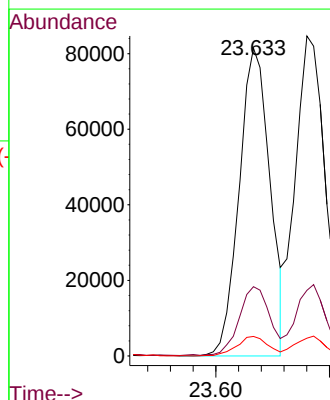
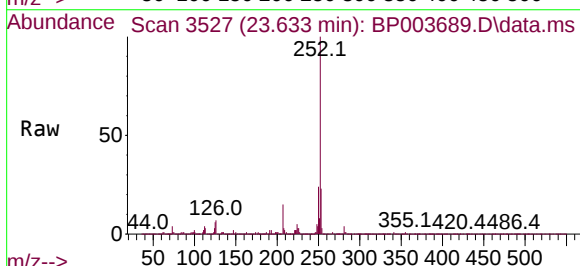
Tgt Ion:252 Resp: 153391

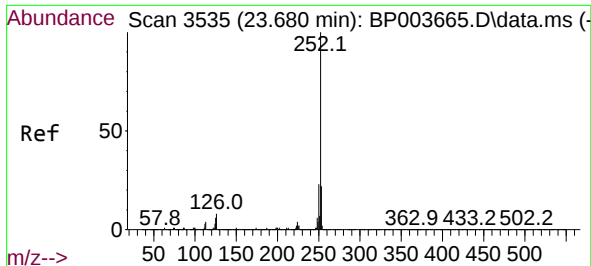
Ion Ratio Lower Upper

252 100

253 22.5 17.6 26.4

125 6.3 7.3 10.9#

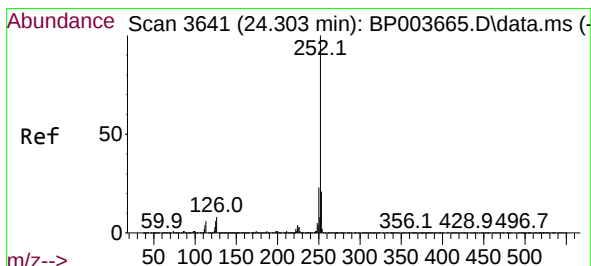
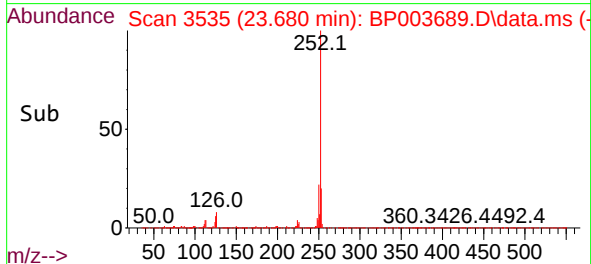
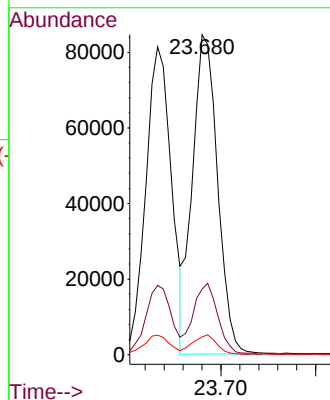
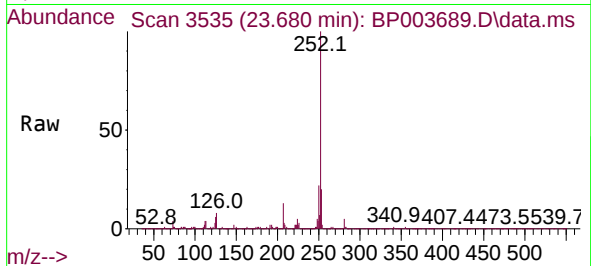




#89
Benzo(k)fluoranthene
Concen: 3.48 ng
RT: 23.680 min Scan# 3535
Delta R.T. 0.000 min
Lab File: BP003689.D
Acq: 21 Oct 2020 13:00

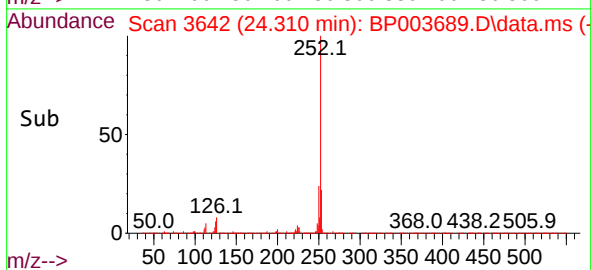
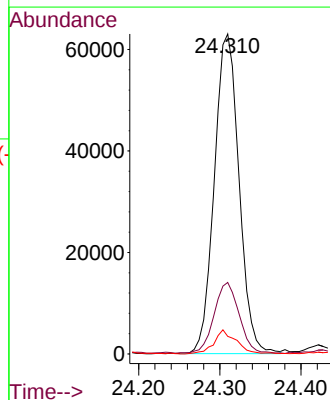
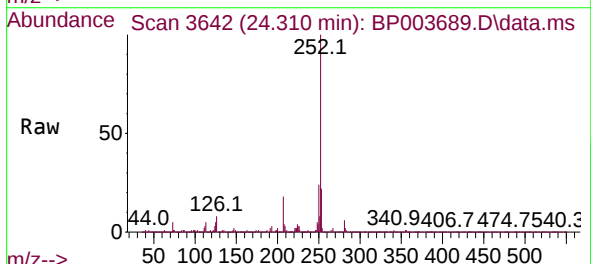
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BNA_P
ClientSampleId :
MDL-SOIL-03-QT4-2020

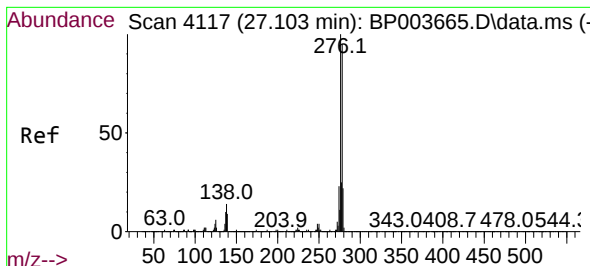
Tgt Ion:252 Resp: 156019
Ion Ratio Lower Upper
252 100
253 20.5 17.8 26.8
125 5.5 7.4 11.2#



#90
Benzo(a)pyrene
Concen: 3.18 ng
RT: 24.310 min Scan# 3642
Delta R.T. 0.006 min
Lab File: BP003689.D
Acq: 21 Oct 2020 13:00

Tgt Ion:252 Resp: 133148
Ion Ratio Lower Upper
252 100
253 22.4 17.4 26.0
125 5.5 8.2 12.4#

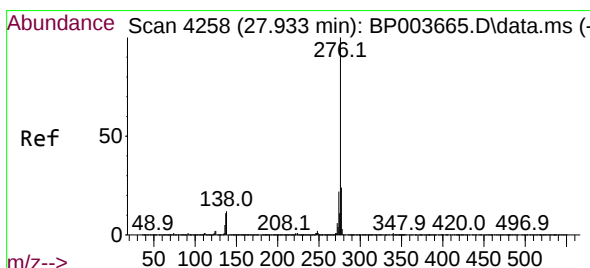
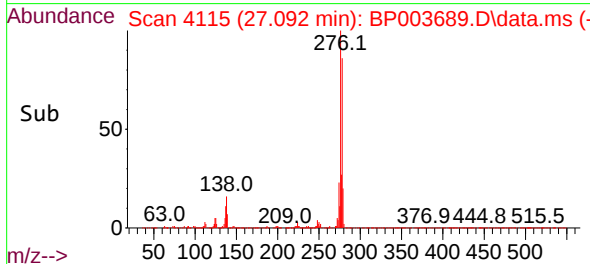
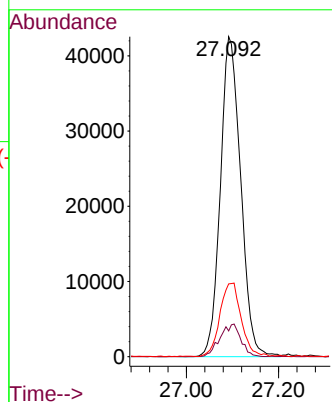
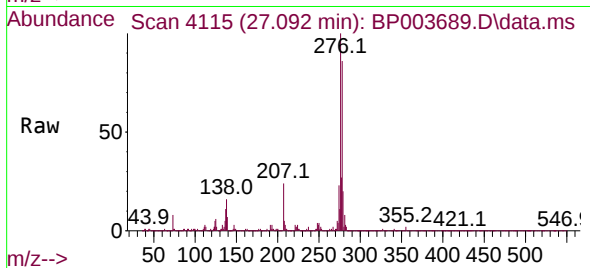




#91
Dibenzo(a,h)anthracene
Concen: 3.21 ng
RT: 27.092 min Scan# 4115
Delta R.T. -0.011 min
Lab File: BP003689.D
Acq: 21 Oct 2020 13:00

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT4-2020

Tgt Ion:278 Resp: 129828
Ion Ratio Lower Upper
278 100
139 8.1 12.4 18.6#
279 22.7 19.0 28.6



#92
Benzo(g,h,i)perylene
Concen: 3.31 ng
RT: 27.921 min Scan# 4256
Delta R.T. -0.011 min
Lab File: BP003689.D
Acq: 21 Oct 2020 13:00

Tgt Ion:276 Resp: 124032
Ion Ratio Lower Upper
276 100
277 25.1 19.0 28.6
138 13.7 16.6 24.8#

