

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110220\
 Data File : BM027674.D
 Acq On : 02 Nov 2020 13:05
 Operator : JU/CG
 Sample : L4214-02
 Misc : LOQ-SOIL 10PPM
 ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Nov 02 13:54:51 2020
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 02 13:50:31 2020
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.404	152	27681	20.00	ng	0.00
21) Naphthalene-d8	11.245	136	110614	20.00	ng	# 0.00
39) Acenaphthene-d10	15.015	164	70129	20.00	ng	0.00
64) Phenanthrene-d10	17.727	188	149903	20.00	ng	0.00
76) Chrysene-d12	21.827	240	148988	20.00	ng	0.00
86) Perylene-d12	24.280	264	147978	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.869	112	196357	112.08	ng	0.00
7) Phenol-d6	7.522	99	262376	106.56	ng	0.00
23) Nitrobenzene-d5	9.580	82	223833	92.31	ng	0.00
42) 2,4,6-Tribromophenol	16.480	330	94268	112.57	ng	0.00
45) 2-Fluorobiphenyl	13.651	172	449108	91.38	ng	0.00
79) Terphenyl-d14	20.286	244	633272	83.85	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.575	88	6849	9.10	ng	# 60
3) Pyridine	4.022	79	18455	8.56	ng	# 45
4) n-Nitrosodimethylamine	3.922	42	12545	9.38	ng	# 40
6) Aniline	7.704	93	27050	9.74	ng	94
8) 2-Chlorophenol	7.951	128	16539	9.40	ng	88
9) Benzaldehyde	7.510	77	17816	14.05	ng	91
10) Phenol	7.551	94	21359	9.17	ng	94
11) bis(2-Chloroethyl)ether	7.798	93	17749	9.93	ng	88
12) 1,3-Dichlorobenzene	8.292	146	20197	9.41	ng	97
13) 1,4-Dichlorobenzene	8.439	146	20081	9.31	ng	97
14) 1,2-Dichlorobenzene	8.763	146	19246	9.38	ng	98
15) Benzyl Alcohol	8.628	79	18588	9.43	ng	94
16) 2,2'-oxybis(1-Chloropr...	8.939	45	27054	9.47	ng	73
17) 2-Methylphenol	8.828	107	14715	9.40	ng	95
18) Hexachloroethane	9.516	117	8138	9.52	ng	96
19) n-Nitroso-di-n-propyla...	9.210	70	15359	9.54	ng	# 72
20) 3+4-Methylphenols	9.157	107	19127	9.19	ng	96
22) Acetophenone	9.228	105	29413	9.36	ng	# 79
24) Nitrobenzene	9.622	77	24529	9.84	ng	97
25) Isophorone	10.145	82	39157	9.31	ng	97
26) 2-Nitrophenol	10.339	139	6985	8.51	ng	98
27) 2,4-Dimethylphenol	10.380	122	15780	9.80	ng	98
28) bis(2-Chloroethoxy)met...	10.627	93	22641	8.94	ng	99
29) 2,4-Dichlorophenol	10.874	162	15548	8.92	ng	94
30) 1,2,4-Trichlorobenzene	11.098	180	18736	8.83	ng	95
31) Naphthalene	11.292	128	52949	9.06	ng	98
32) Benzoic acid	10.427	122	4772	5.03	ng	# 91
33) 4-Chloroaniline	11.386	127	22233	8.65	ng	96
34) Hexachlorobutadiene	11.580	225	12233	8.88	ng	90
35) Caprolactam	12.110	113	4728	8.14	ng	# 45
36) 4-Chloro-3-methylphenol	12.469	107	16928	8.35	ng	97
37) 2-Methylnaphthalene	12.874	142	38209	9.21	ng	94
38) 1-Methylnaphthalene	13.092	142	36157	9.20	ng	100
40) 1,2,4,5-Tetrachloroben...	13.227	216	21539	9.72	ng	97
41) Hexachlorocyclopentadiene	13.216	237	11295	9.37	ng	88
43) 2,4,6-Trichlorophenol	13.457	196	12069	8.38	ng	97

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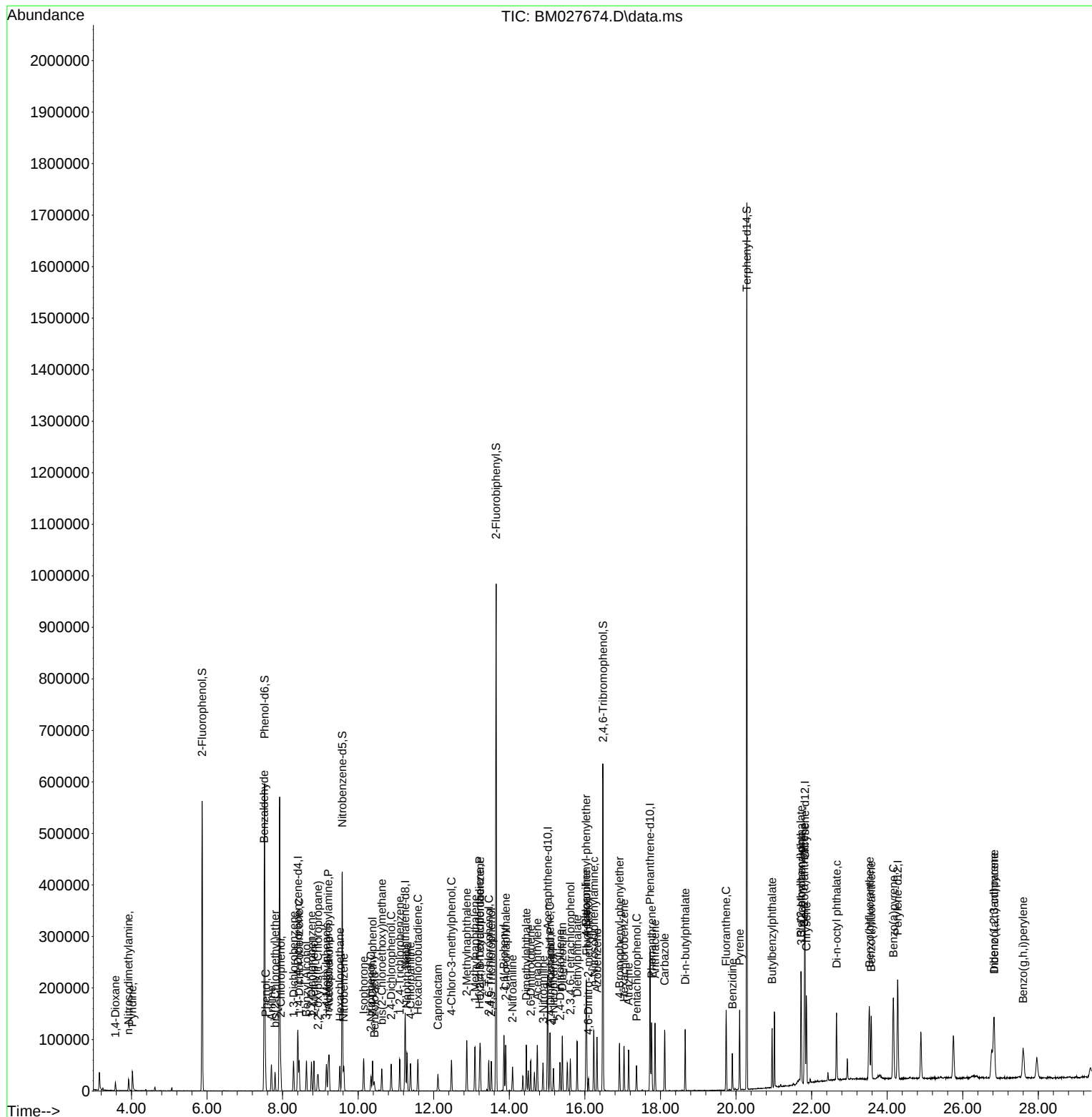
Instrument :
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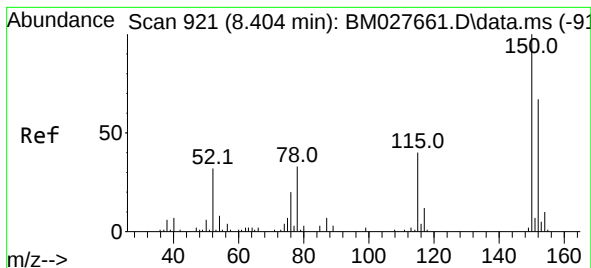
Quant Time: Nov 02 13:54:51 2020
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103020.M
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 QLast Update : Mon Nov 02 13:50:31 2020
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.521	196	13688	8.87	ng	92
46) 1,1'-Biphenyl	13.857	154	49281	9.20	ng	96
47) 2-Chloronaphthalene	13.904	162	37947	8.55	ng	97
48) 2-Nitroaniline	14.086	65	11109	7.44	ng	93
49) Acenaphthylene	14.739	152	57911	8.64	ng	98
50) Dimethylphthalate	14.451	163	47853	8.52	ng	99
51) 2,6-Dinitrotoluene	14.568	165	8859	8.03	ng	# 70
52) Acenaphthene	15.074	154	37741	8.59	ng	98
53) 3-Nitroaniline	14.898	138	9681	7.73	ng	85
54) 2,4-Dinitrophenol	15.092	184	3667	7.87	ng	# 1
55) Dibenzofuran	15.404	168	59220	9.06	ng	96
56) 4-Nitrophenol	15.168	139	7244	7.14	ng	93
57) 2,4-Dinitrotoluene	15.345	165	11797	7.89	ng	# 93
58) Fluorene	16.045	166	46556	8.69	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.615	232	11745	8.67	ng	# 91
60) Diethylphthalate	15.798	149	48296	8.43	ng	99
61) 4-Chlorophenyl-phenyle...	16.033	204	24274	8.80	ng	95
62) 4-Nitroaniline	16.033	138	9944	7.01	ng	99
63) Azobenzene	16.321	77	53400	9.00	ng	83
65) 4,6-Dinitro-2-methylph...	16.092	198	4965	8.23	ng	86
66) n-Nitrosodiphenylamine	16.239	169	40348	8.92	ng	99
67) 4-Bromophenyl-phenylether	16.915	248	14646	9.14	ng	# 93
68) Hexachlorobenzene	17.039	284	15687	8.44	ng	# 90
69) Atrazine	17.156	200	13239	8.64	ng	95
70) Pentachlorophenol	17.368	266	8252	8.19	ng	98
71) Phenanthrene	17.768	178	74871	8.85	ng	98
72) Anthracene	17.856	178	73871	8.93	ng	99
73) Carbazole	18.109	167	68273	8.68	ng	98
74) Di-n-butylphthalate	18.656	149	77207	8.36	ng	98
75) Fluoranthene	19.739	202	85935	8.64	ng	100
77) Benzidine	19.903	184	36838	8.69	ng	98
78) Pyrene	20.097	202	90149	8.72	ng	99
80) Butylbenzylphthalate	20.956	149	29593	7.57	ng	89
81) Benzo(a)anthracene	21.809	228	87813	8.73	ng	98
82) 3,3'-Dichlorobenzidine	21.727	252	31431	9.11	ng	# 98
83) Chrysene	21.862	228	85250	8.79	ng	97
84) Bis(2-ethylhexyl)phtha...	21.715	149	49855	8.72	ng	# 96
85) Di-n-octyl phthalate	22.662	149	81781	8.48	ng	# 84
87) Indeno(1,2,3-cd)pyrene	26.826	276	93694	8.66	ng	# 92
88) Benzo(b)fluoranthene	23.533	252	89797	8.90	ng	97
89) Benzo(k)fluoranthene	23.580	252	82573	8.60	ng	99
90) Benzo(a)pyrene	24.168	252	77320	8.31	ng	96
91) Dibenzo(a,h)anthracene	26.832	278	76869	8.69	ng	98
92) Benzo(g,h,i)perylene	27.597	276	76493	8.84	ng	98

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

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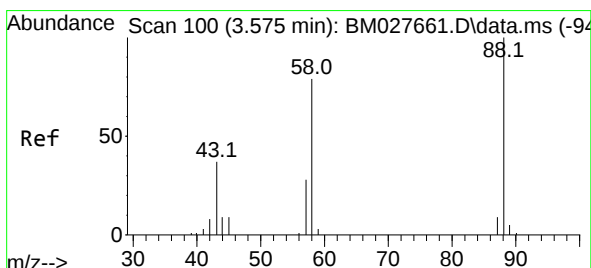
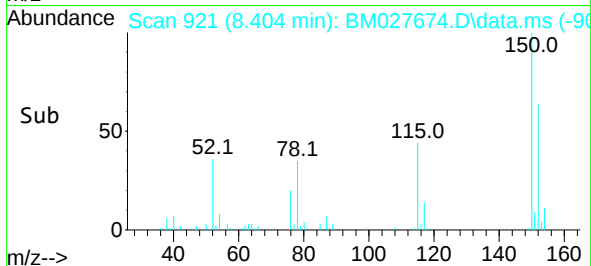
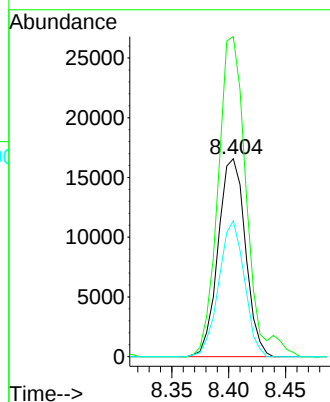
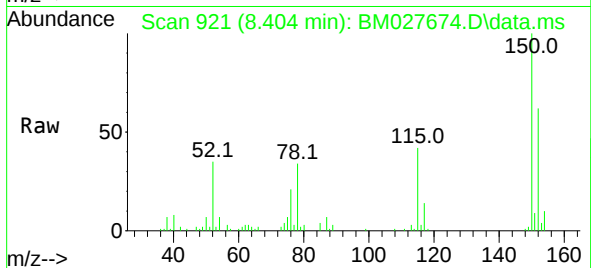




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.404 min Scan# 921
Delta R.T. 0.000 min
Lab File: BM027674.D
Acq: 02 Nov 2020 13:05

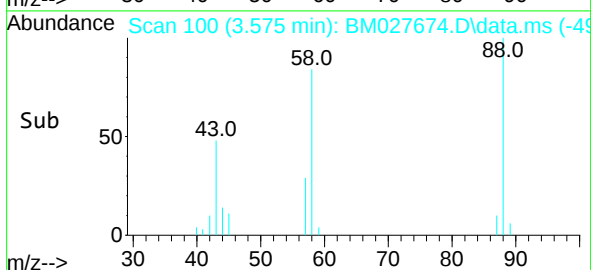
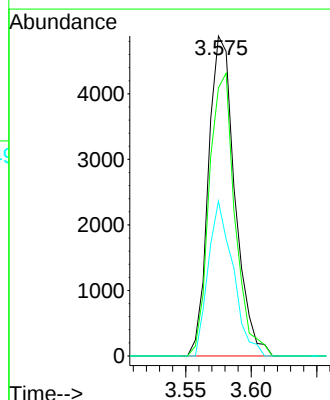
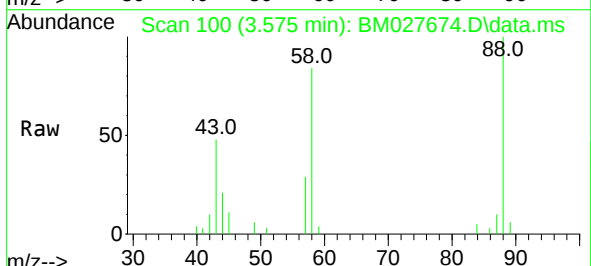
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT4-2020

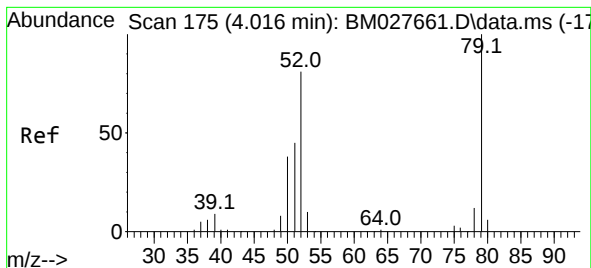
Tgt Ion:152 Resp: 27681
Ion Ratio Lower Upper
152 100
150 161.7 120.6 181.0
115 68.7 47.2 70.8



#2
1,4-Dioxane
Concen: 9.10 ng
RT: 3.575 min Scan# 100
Delta R.T. -0.000 min
Lab File: BM027674.D
Acq: 02 Nov 2020 13:05

Tgt Ion: 88 Resp: 6849
Ion Ratio Lower Upper
88 100
58 85.9 46.2 69.2#
43 45.3 19.0 28.6#





#3

Pyridine

Concen: 8.56 ng

RT: 4.022 min Scan# 176

Delta R.T. 0.006 min

Lab File: BM027674.D

Acq: 02 Nov 2020 13:05

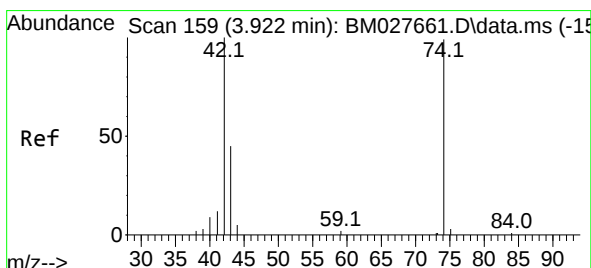
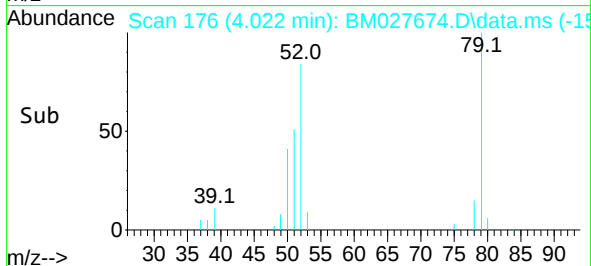
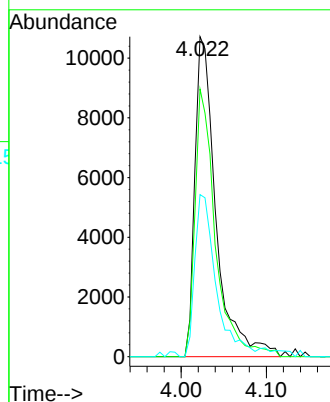
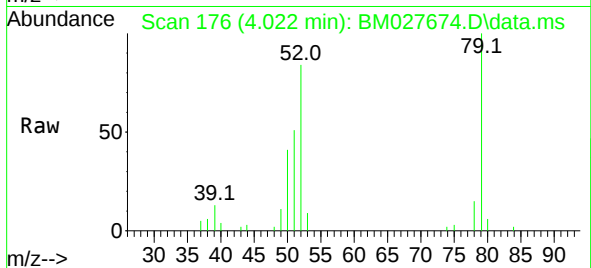
Instrument :

BNA_M

ClientSampleId :

LOQ-SOIL-02-QT4-2020

Tgt Ion:	79	Resp:	18455
Ion	Ratio	Lower	Upper
79	100		
52	83.6	35.8	53.8#
51	50.7	21.0	31.6#



#4

n-Nitrosodimethylamine

Concen: 9.38 ng

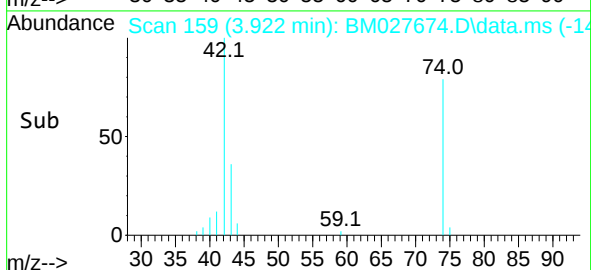
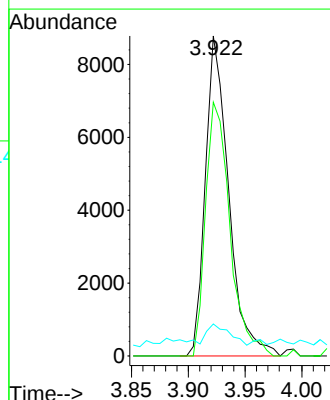
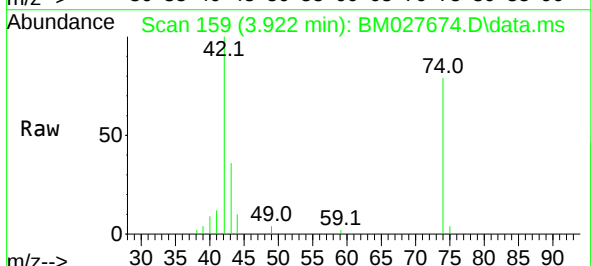
RT: 3.922 min Scan# 159

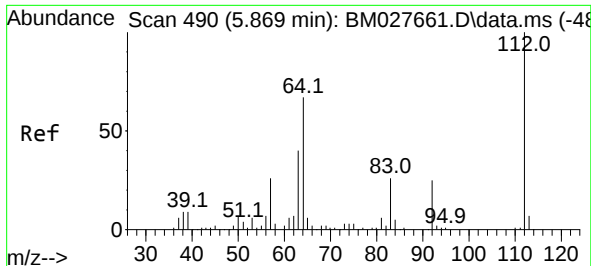
Delta R.T. -0.000 min

Lab File: BM027674.D

Acq: 02 Nov 2020 13:05

Tgt Ion:	42	Resp:	12545
Ion	Ratio	Lower	Upper
42	100		
74	79.3	127.8	191.6#
44	10.0	4.1	6.1#

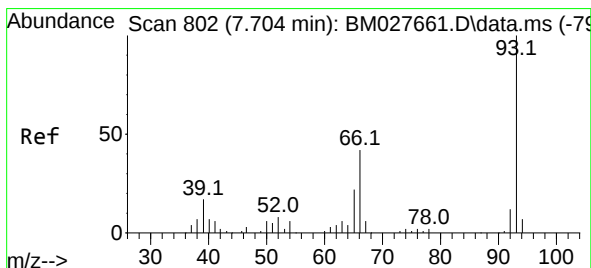
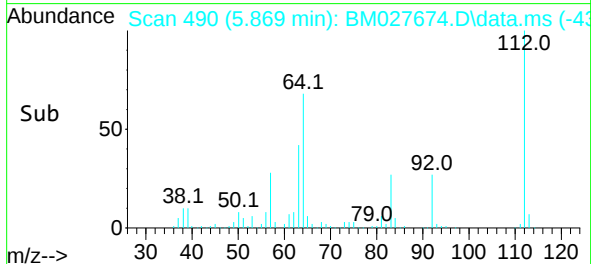
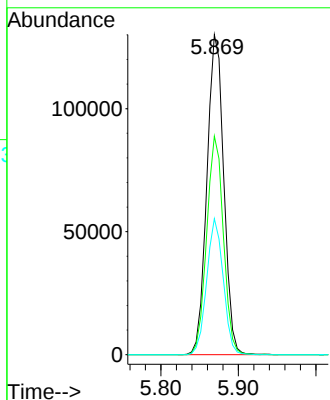
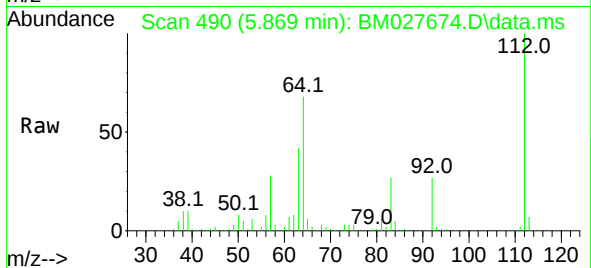




#5
2-Fluorophenol
Concen: 112.08 ng
RT: 5.869 min Scan# 490
Delta R.T. -0.000 min
Lab File: BM027674.D
Acq: 02 Nov 2020 13:05

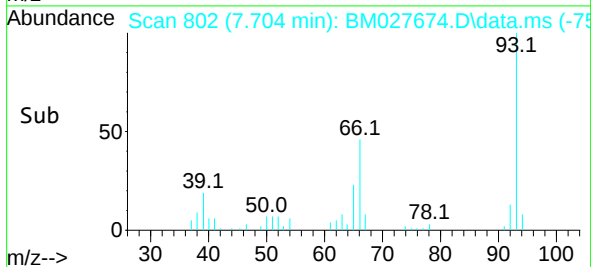
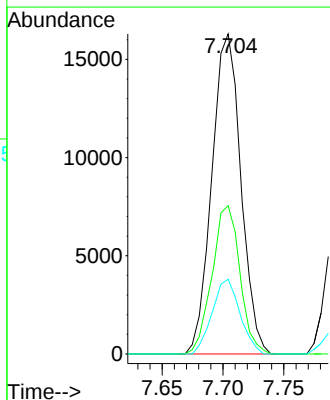
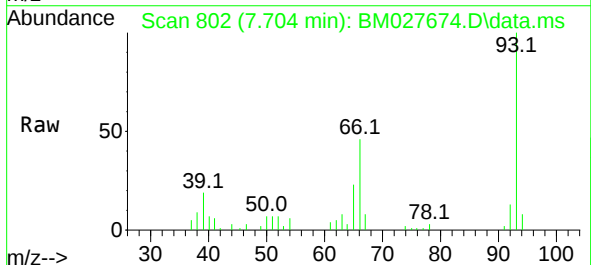
Instrument :
BNA_M
ClientSampleId :
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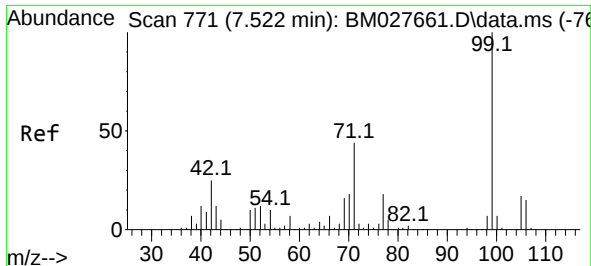
Tgt Ion:112 Resp: 196357
Ion Ratio Lower Upper
112 100
64 68.3 50.6 76.0
63 42.5 31.0 46.6



#6
Aniline
Concen: 9.74 ng
RT: 7.704 min Scan# 802
Delta R.T. -0.000 min
Lab File: BM027674.D
Acq: 02 Nov 2020 13:05

Tgt Ion: 93 Resp: 27050
Ion Ratio Lower Upper
93 100
66 46.4 33.3 49.9
65 23.4 17.4 26.0

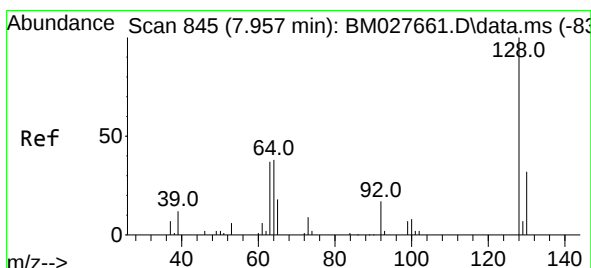
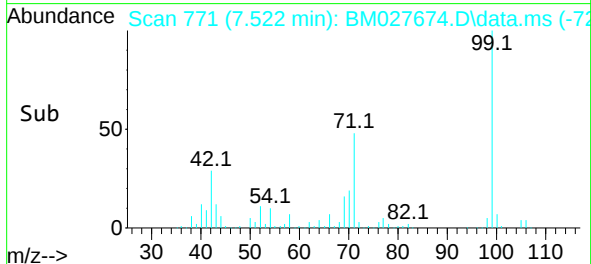
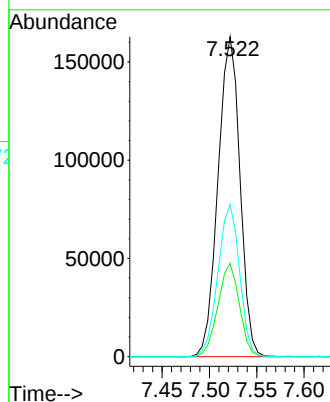
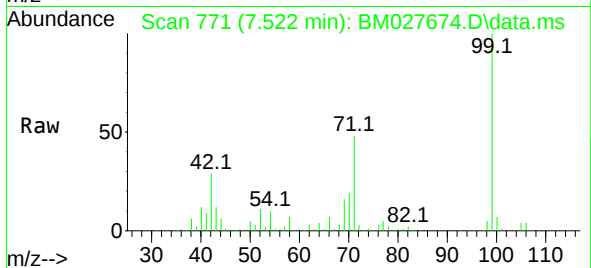




#7
Phenol-d6
Concen: 106.56 ng
RT: 7.522 min Scan# 771
Delta R.T. -0.000 min
Lab File: BM027674.D
Acq: 02 Nov 2020 13:05

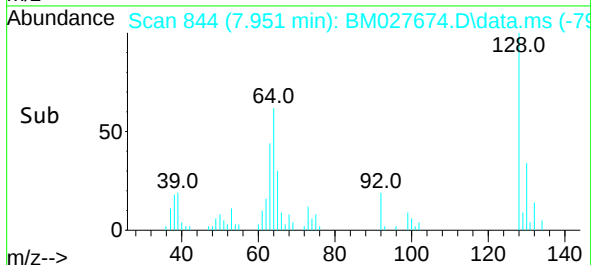
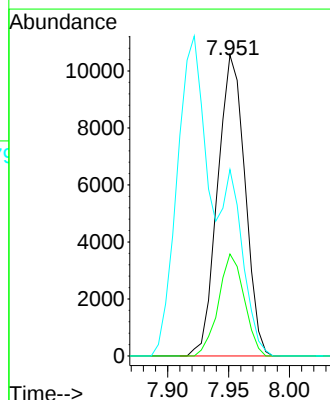
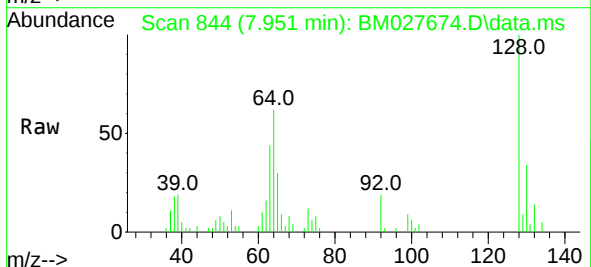
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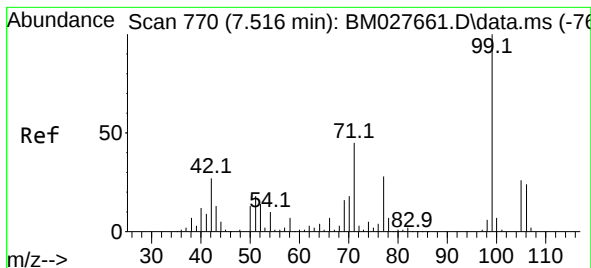
Tgt Ion:	99	Resp:	262376
Ion Ratio	Lower	Upper	
99	100		
42	29.1	13.5	20.3#
71	47.6	39.4	59.0



#8
2-Chlorophenol
Concen: 9.40 ng
RT: 7.951 min Scan# 844
Delta R.T. -0.006 min
Lab File: BM027674.D
Acq: 02 Nov 2020 13:05

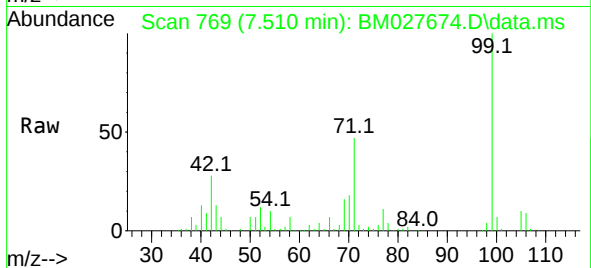
Tgt Ion:	128	Resp:	16539
Ion Ratio	Lower	Upper	
128	100		
130	33.9	11.5	51.5
64	61.9	30.1	70.1



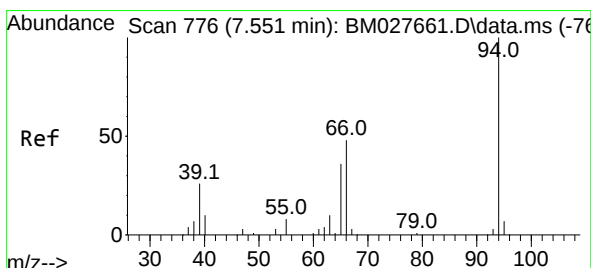
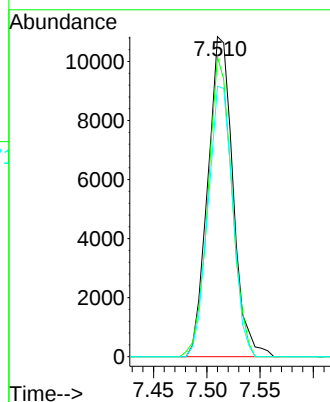
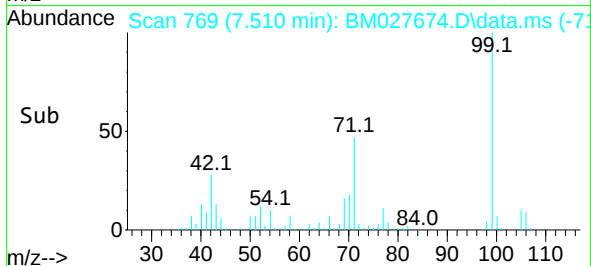


#9
Benzaldehyde
Concen: 14.05 ng
RT: 7.510 min Scan# 769
Delta R.T. -0.006 min
Lab File: BM027674.D
Acq: 02 Nov 2020 13:05

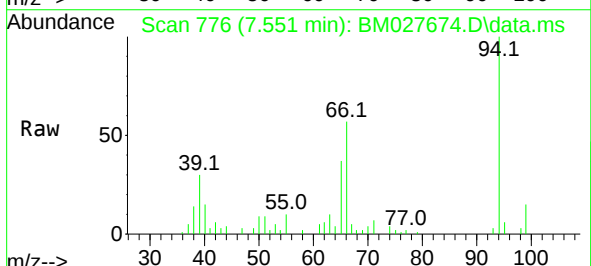
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ClientSampleId :
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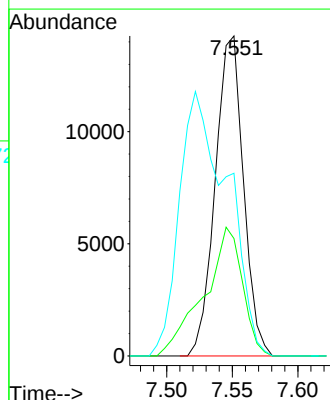
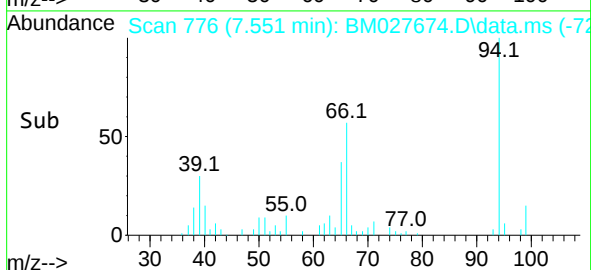
Tgt Ion:	77	Resp:	17816
Ion Ratio	Lower	Upper	
77	100		
105	93.7	64.7	104.7
106	84.5	57.5	97.5

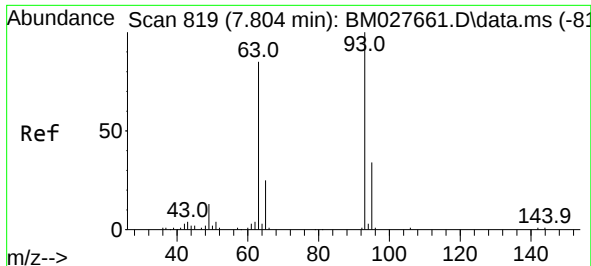


#10
Phenol
Concen: 9.17 ng
RT: 7.551 min Scan# 776
Delta R.T. 0.000 min
Lab File: BM027674.D
Acq: 02 Nov 2020 13:05



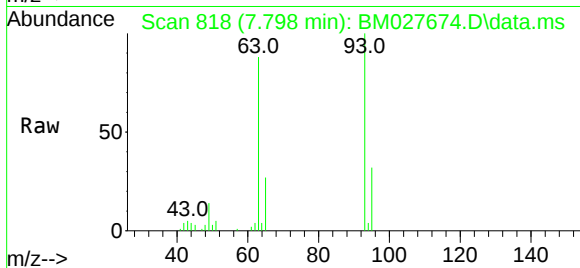
Tgt Ion:	94	Resp:	21359
Ion Ratio	Lower	Upper	
94	100		
65	36.7	16.4	56.4
66	57.1	30.2	70.2





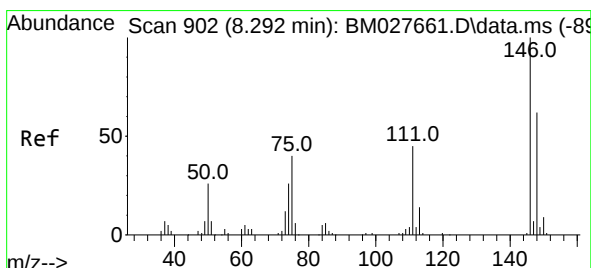
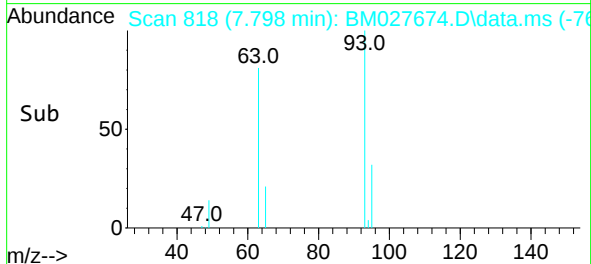
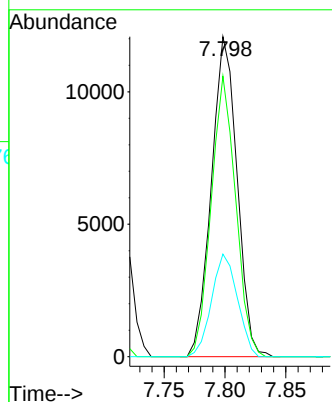
#11
bis(2-Chloroethyl)ether
Concen: 9.93 ng
RT: 7.798 min Scan# 818
Delta R.T. -0.006 min
Lab File: BM027674.D
Acq: 02 Nov 2020 13:05

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



Tgt Ion: 93 Resp: 17749

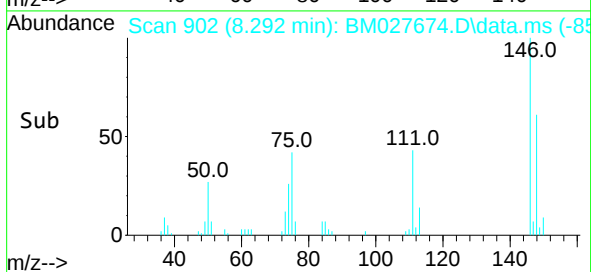
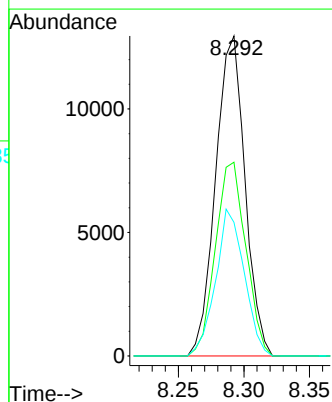
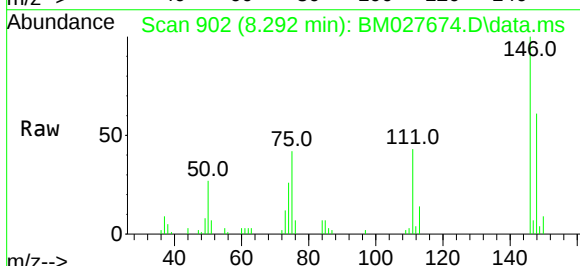
Ion	Ratio	Lower	Upper
93	100		
63	87.7	53.1	93.1
95	32.1	12.1	52.1

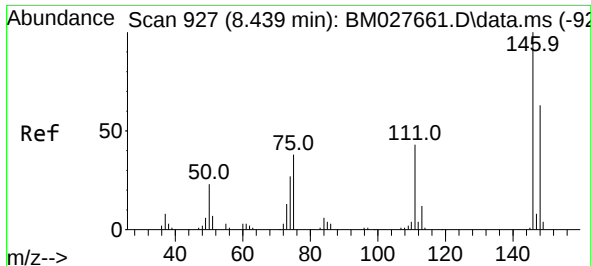


#12
1,3-Dichlorobenzene
Concen: 9.41 ng
RT: 8.292 min Scan# 902
Delta R.T. 0.000 min
Lab File: BM027674.D
Acq: 02 Nov 2020 13:05

Tgt Ion: 146 Resp: 20197

Ion	Ratio	Lower	Upper
146	100		
148	60.5	51.6	77.4
75	41.8	33.0	49.6

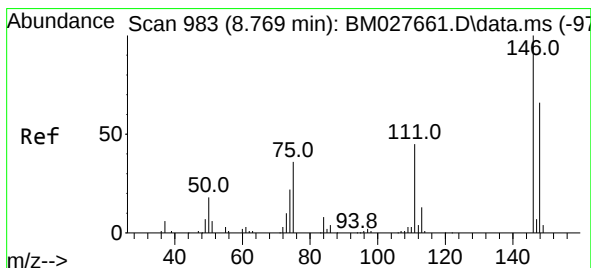
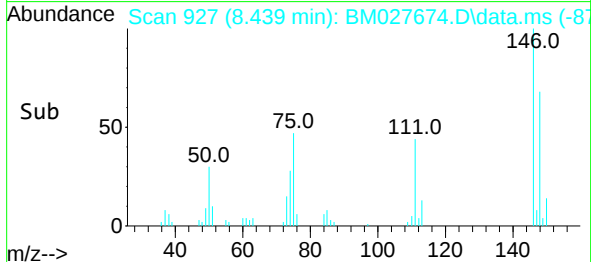
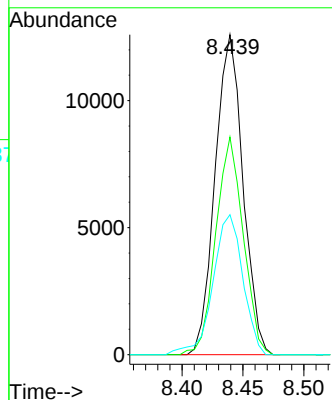
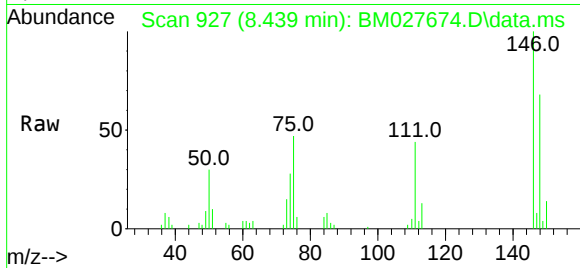




#13
1,4-Dichlorobenzene
Concen: 9.31 ng
RT: 8.439 min Scan# 927
Delta R.T. 0.000 min
Lab File: BM027674.D
Acq: 02 Nov 2020 13:05

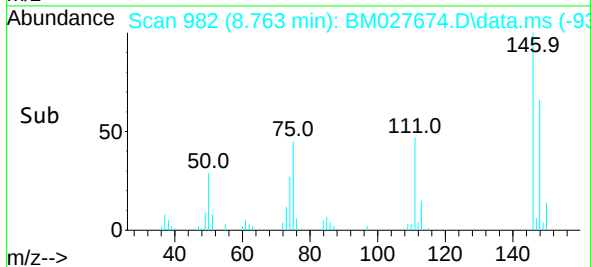
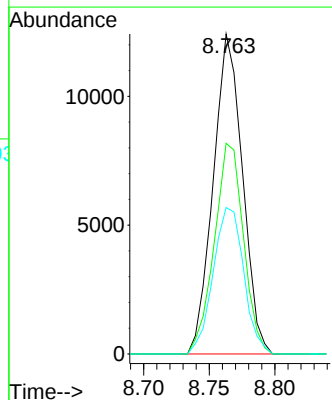
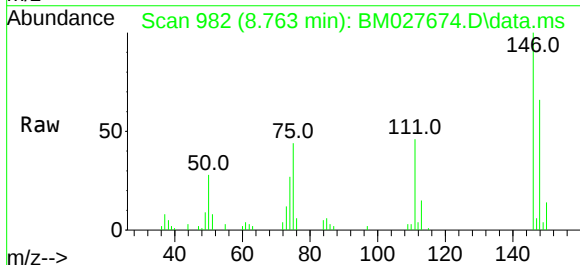
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT4-2020

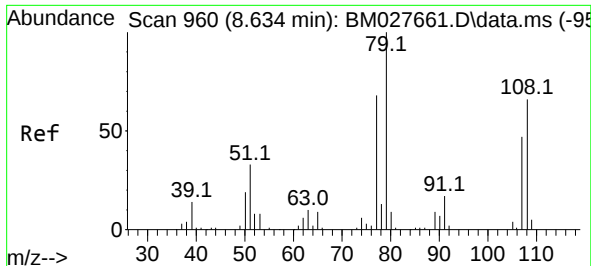
Tgt Ion:	146	Resp:	20081
Ion Ratio	Lower	Upper	
146	100		
148	68.0	51.4	77.0
111	43.7	34.4	51.6



#14
1,2-Dichlorobenzene
Concen: 9.38 ng
RT: 8.763 min Scan# 982
Delta R.T. -0.006 min
Lab File: BM027674.D
Acq: 02 Nov 2020 13:05

Tgt Ion:	146	Resp:	19246
Ion Ratio	Lower	Upper	
146	100		
148	65.9	51.3	76.9
111	45.7	35.4	53.0

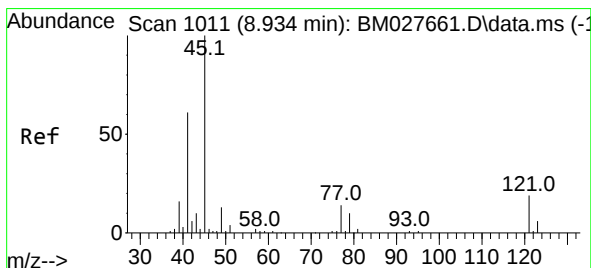
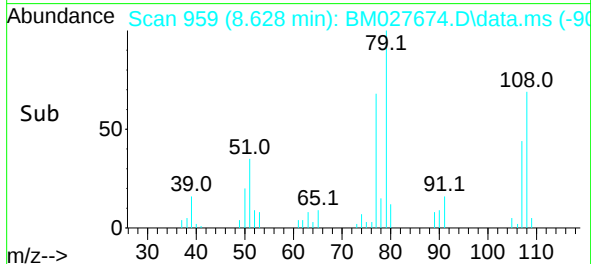
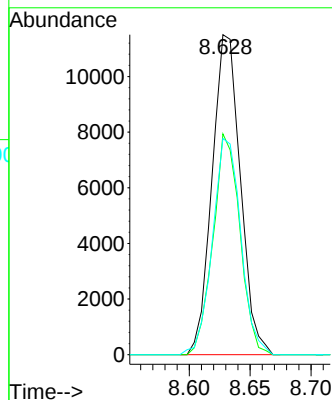
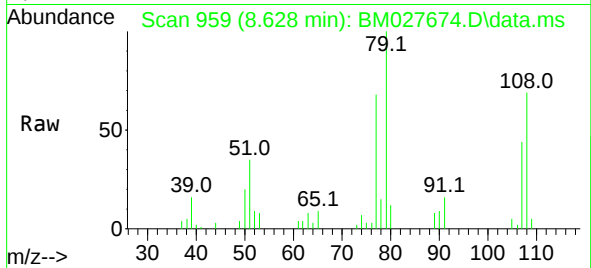




#15
Benzyl Alcohol
Concen: 9.43 ng
RT: 8.628 min Scan# 959
Delta R.T. -0.006 min
Lab File: BM027674.D
Acq: 02 Nov 2020 13:05

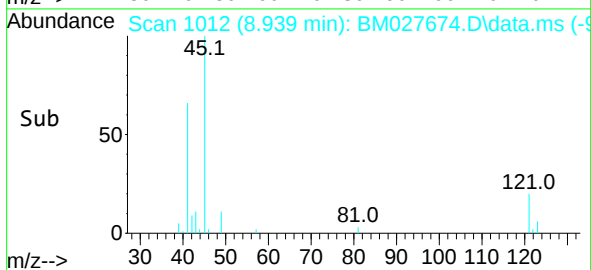
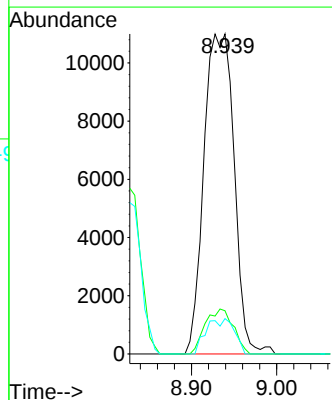
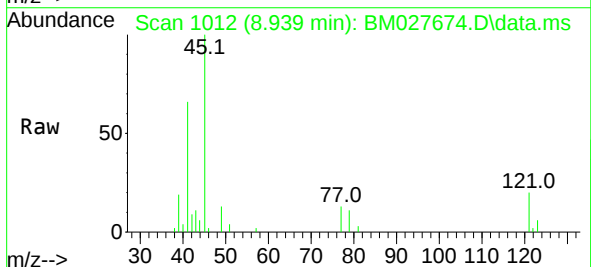
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT4-2020

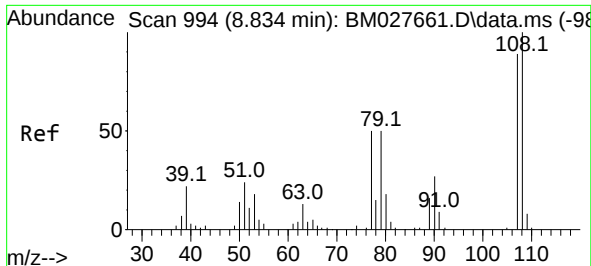
Tgt Ion: 79 Resp: 18588
Ion Ratio Lower Upper
79 100
108 69.0 49.0 73.4
77 67.5 55.2 82.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 9.47 ng
RT: 8.939 min Scan# 1012
Delta R.T. 0.005 min
Lab File: BM027674.D
Acq: 02 Nov 2020 13:05

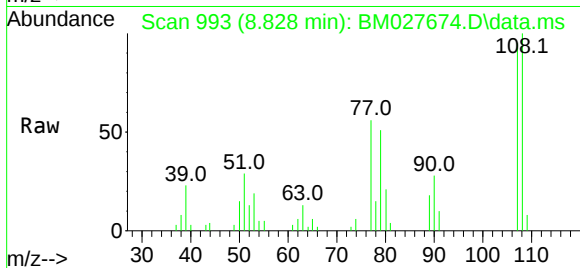
Tgt Ion: 45 Resp: 27054
Ion Ratio Lower Upper
45 100
77 13.5 9.5 49.5
79 11.1 1.8 41.8



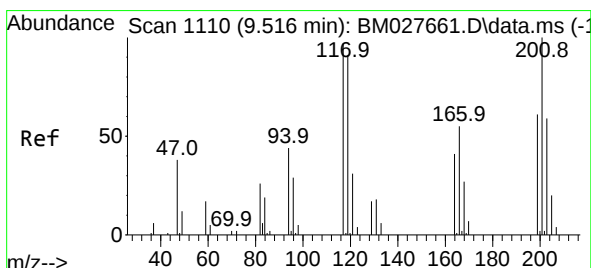
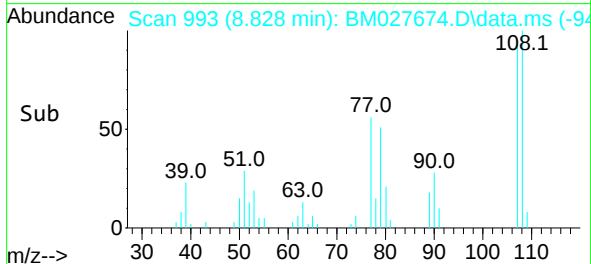
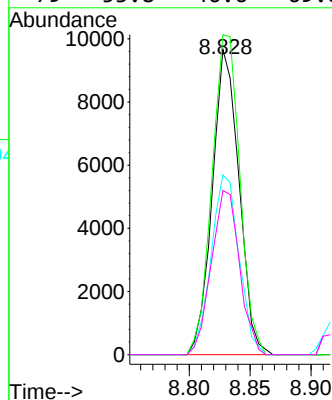


#17
2-Methylphenol
Concen: 9.40 ng
RT: 8.828 min Scan# 993
Delta R.T. -0.006 min
Lab File: BM027674.D
Acq: 02 Nov 2020 13:05

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

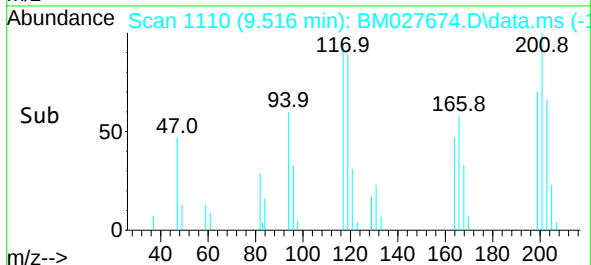
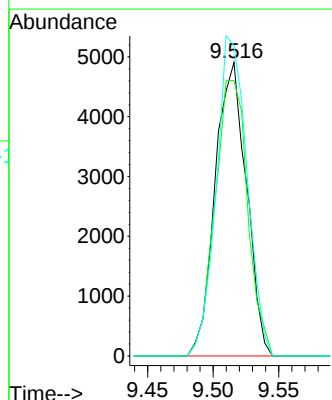
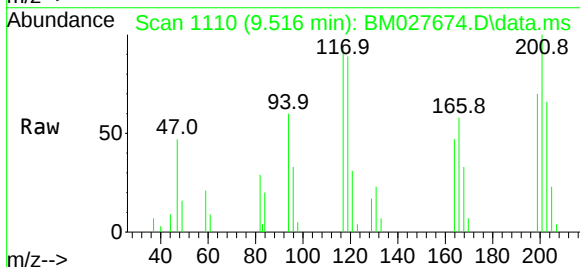


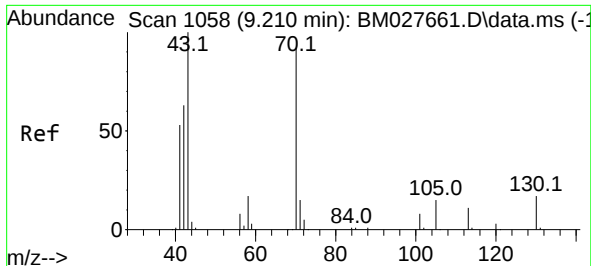
Tgt Ion	Ratio	Lower	Upper
107	100		
108	104.8	87.8	131.6
77	58.9	50.9	76.3
79	53.8	46.6	69.8



#18
Hexachloroethane
Concen: 9.52 ng
RT: 9.516 min Scan# 1110
Delta R.T. -0.000 min
Lab File: BM027674.D
Acq: 02 Nov 2020 13:05

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.8	73.1	109.7
201	105.8	88.7	133.1

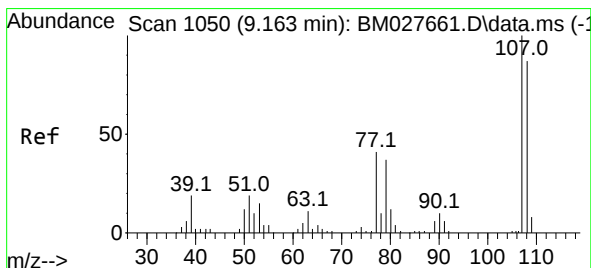
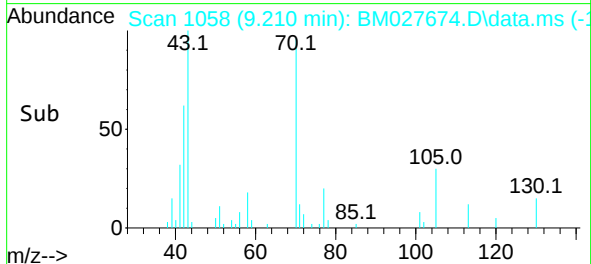
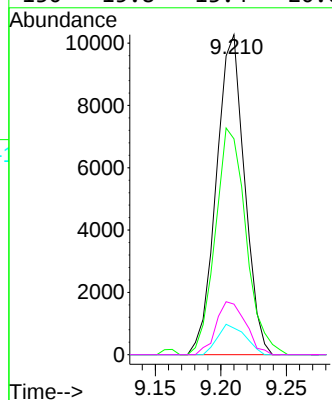
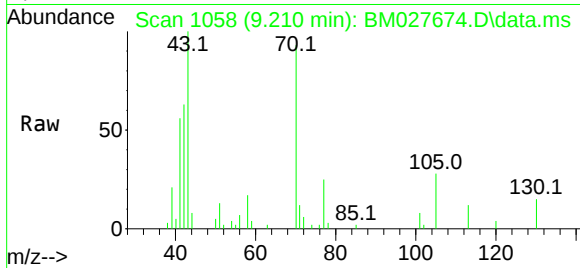




#19
n-Nitroso-di-n-propylamine
Concen: 9.54 ng
RT: 9.210 min Scan# 1058
Delta R.T. -0.000 min
Lab File: BM027674.D
Acq: 02 Nov 2020 13:05

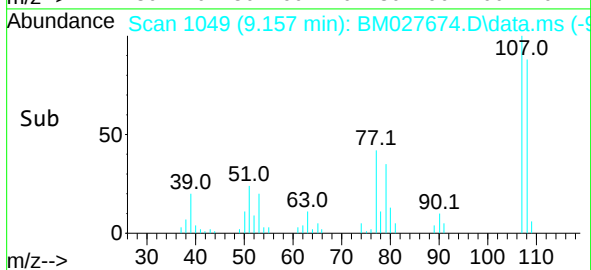
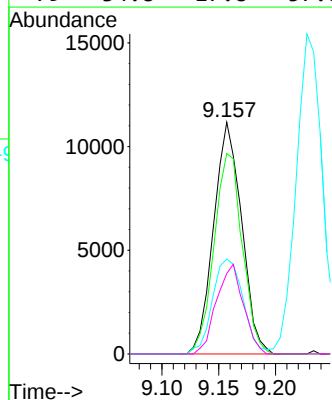
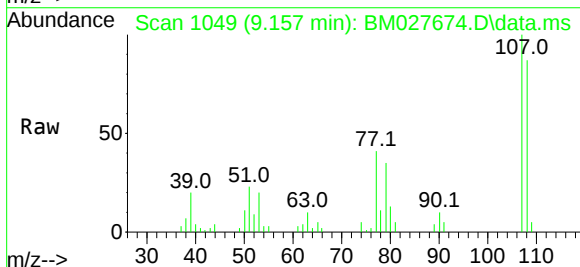
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT4-2020

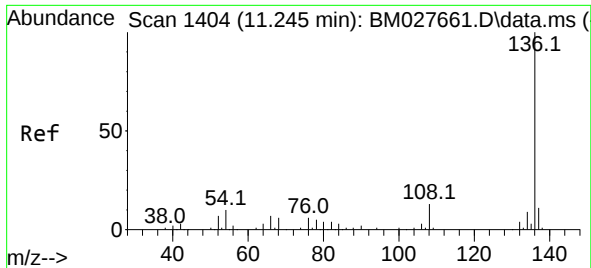
Tgt Ion:	70	Resp:	15359
Ion Ratio	Lower	Upper	
70	100		
42	67.4	31.9	47.9#
101	8.3	7.0	10.4
130	15.8	13.4	20.0



#20
3+4-Methylphenols
Concen: 9.19 ng
RT: 9.157 min Scan# 1049
Delta R.T. -0.006 min
Lab File: BM027674.D
Acq: 02 Nov 2020 13:05

Tgt Ion:	107	Resp:	19127
Ion Ratio	Lower	Upper	
107	100		
108	86.6	64.5	104.5
77	41.0	24.2	64.2
79	34.8	17.8	57.8

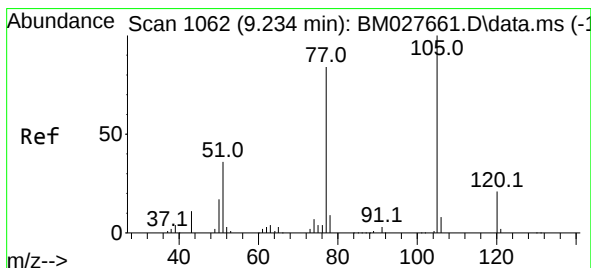
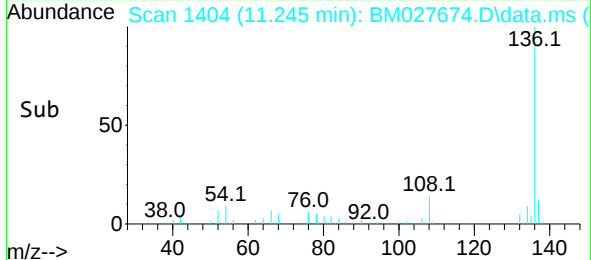
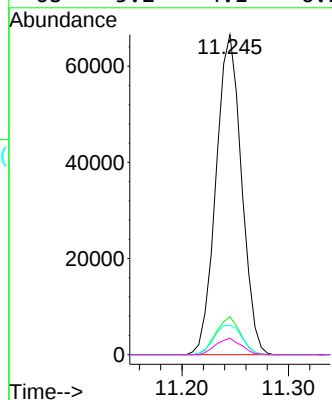
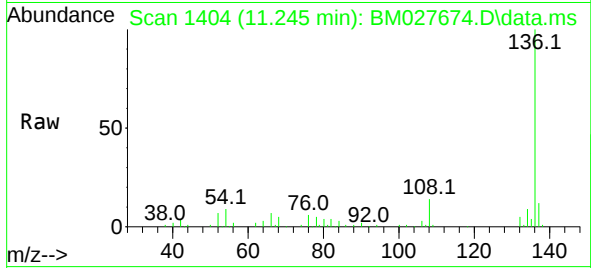




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.245 min Scan# 1404
Delta R.T. 0.000 min
Lab File: BM027674.D
Acq: 02 Nov 2020 13:05

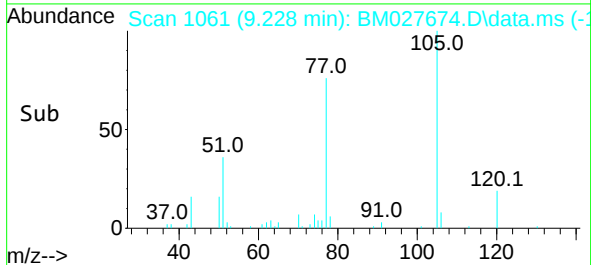
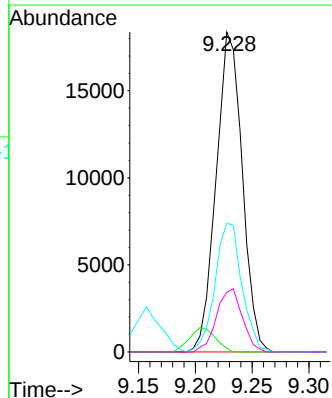
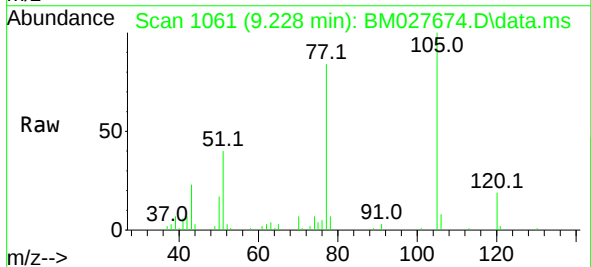
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT4-2020

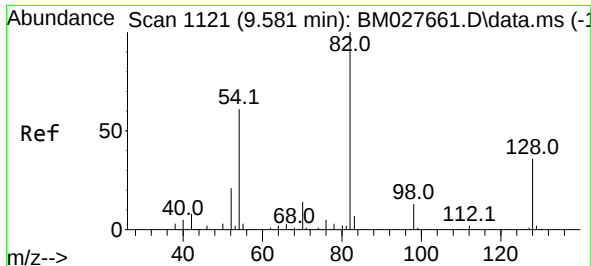
Tgt Ion:	136	Resp:	110614
Ion Ratio	Lower	Upper	
136	100		
137	11.8	8.6	12.8
54	9.2	4.6	7.0#
68	5.2	4.1	6.1



#22
Acetophenone
Concen: 9.36 ng
RT: 9.228 min Scan# 1061
Delta R.T. -0.006 min
Lab File: BM027674.D
Acq: 02 Nov 2020 13:05

Tgt Ion:	105	Resp:	29413
Ion Ratio	Lower	Upper	
105	100		
71	1.2	7.6	11.4#
51	40.2	18.6	28.0#
120	18.6	17.3	25.9

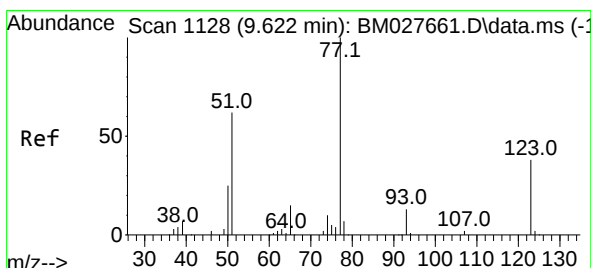
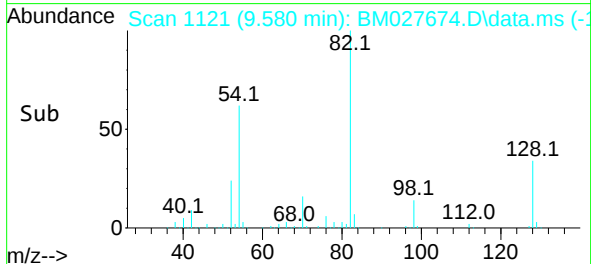
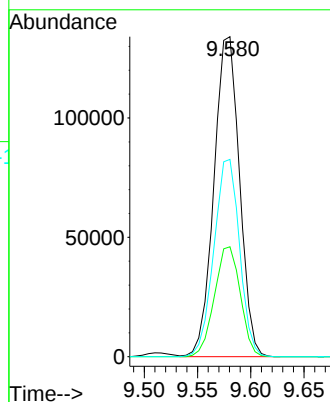
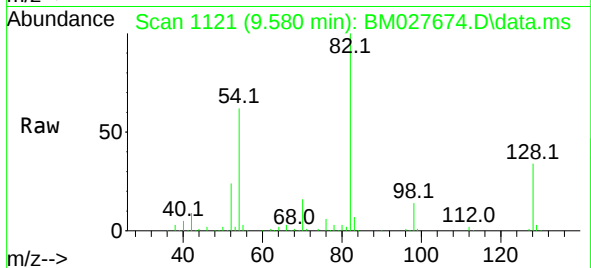




#23
Nitrobenzene-d5
Concen: 92.31 ng
RT: 9.580 min Scan# 1121
Delta R.T. -0.001 min
Lab File: BM027674.D
Acq: 02 Nov 2020 13:05

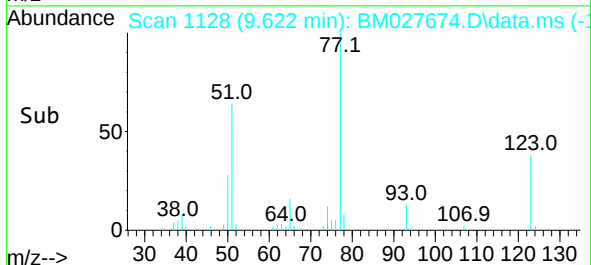
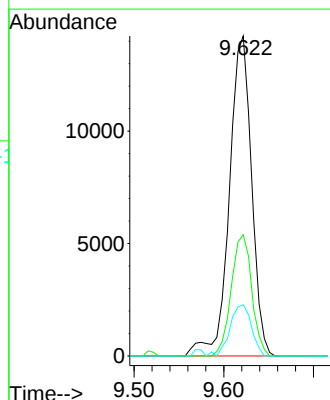
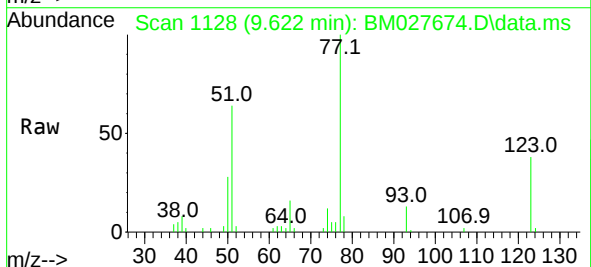
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT4-2020

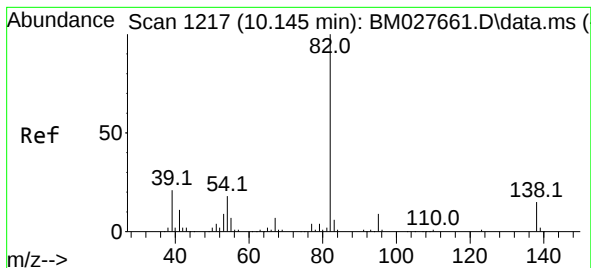
Tgt Ion: 82 Resp: 223833
Ion Ratio Lower Upper
82 100
128 34.4 27.4 41.0
54 61.7 31.4 47.0#



#24
Nitrobenzene
Concen: 9.84 ng
RT: 9.622 min Scan# 1128
Delta R.T. -0.000 min
Lab File: BM027674.D
Acq: 02 Nov 2020 13:05

Tgt Ion: 77 Resp: 24529
Ion Ratio Lower Upper
77 100
123 37.9 29.1 43.7
65 16.0 11.3 16.9

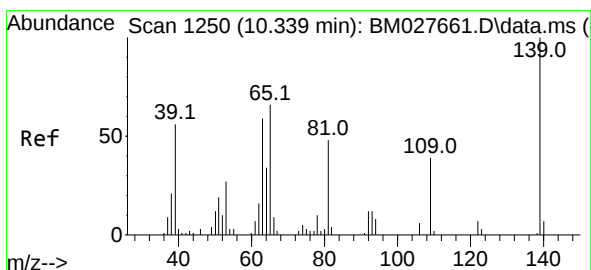
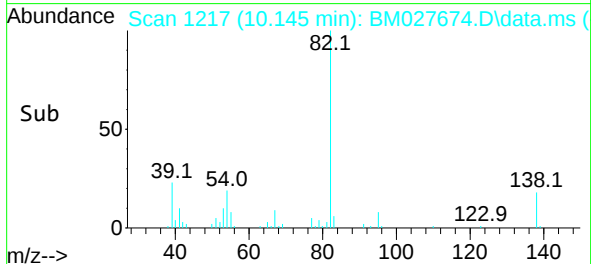
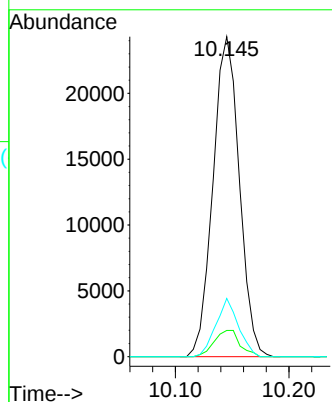
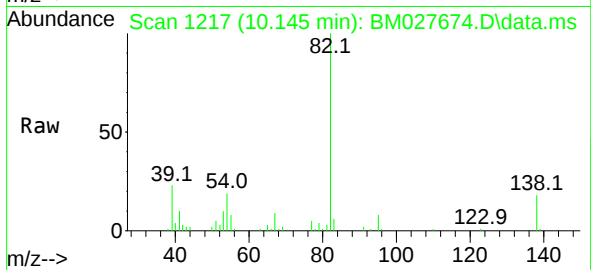




#25
Isophorone
Concen: 9.31 ng
RT: 10.145 min Scan# 1217
Delta R.T. 0.000 min
Lab File: BM027674.D
Acq: 02 Nov 2020 13:05

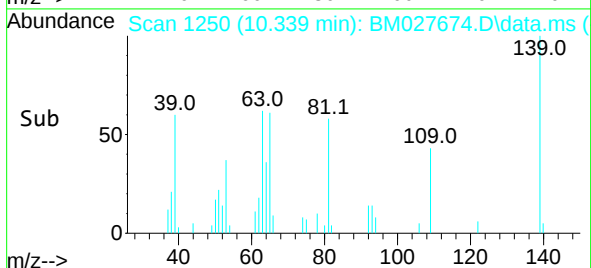
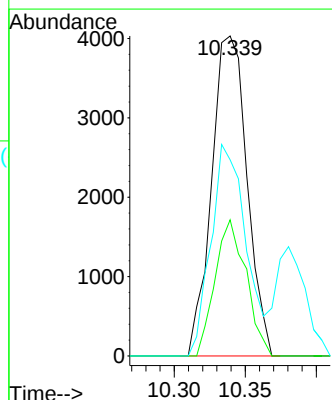
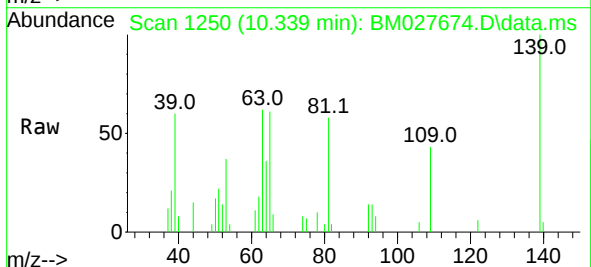
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT4-2020

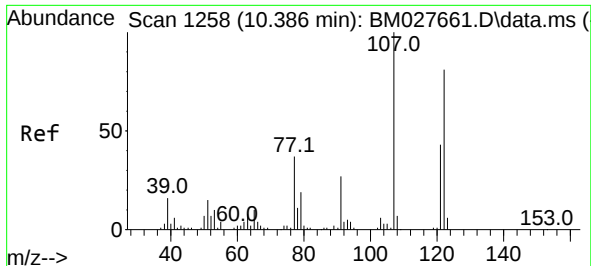
Tgt Ion: 82 Resp: 39157
Ion Ratio Lower Upper
82 100
95 8.2 6.8 10.2
138 18.2 13.1 19.7



#26
2-Nitrophenol
Concen: 8.51 ng
RT: 10.339 min Scan# 1250
Delta R.T. 0.000 min
Lab File: BM027674.D
Acq: 02 Nov 2020 13:05

Tgt Ion: 139 Resp: 6985
Ion Ratio Lower Upper
139 100
109 42.6 33.8 50.8
65 61.3 51.0 76.6

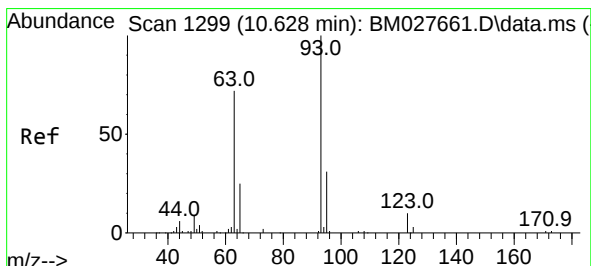
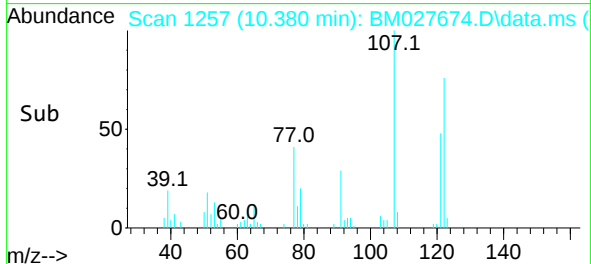
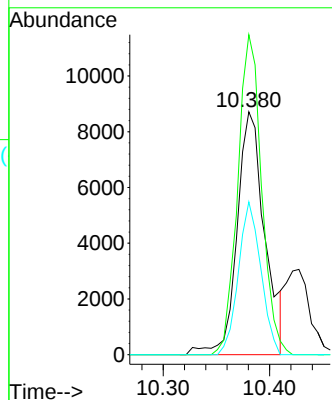
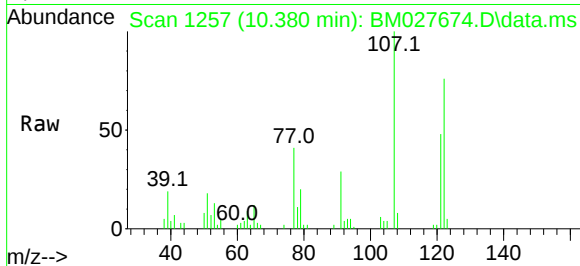




#27
2,4-Dimethylphenol
Concen: 9.80 ng
RT: 10.380 min Scan# 1257
Delta R.T. -0.006 min
Lab File: BM027674.D
Acq: 02 Nov 2020 13:05

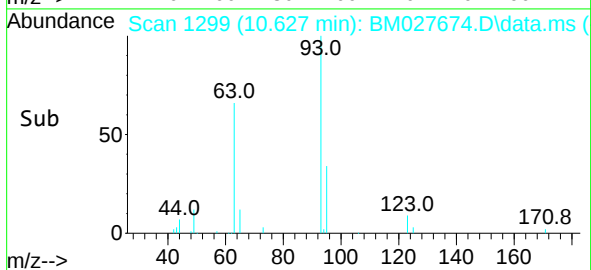
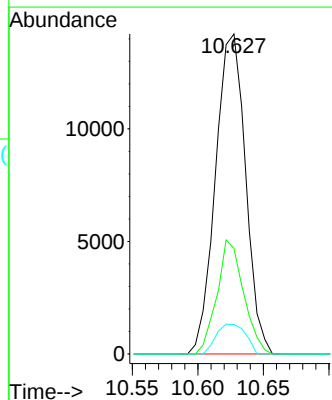
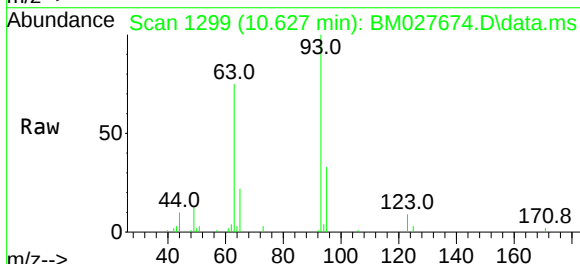
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT4-2020

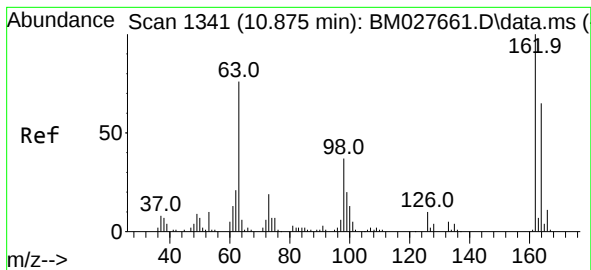
Tgt Ion:122 Resp: 15780
Ion Ratio Lower Upper
122 100
107 131.8 106.6 159.8
121 62.9 48.8 73.2



#28
bis(2-Chloroethoxy)methane
Concen: 8.94 ng
RT: 10.627 min Scan# 1299
Delta R.T. -0.001 min
Lab File: BM027674.D
Acq: 02 Nov 2020 13:05

Tgt Ion: 93 Resp: 22641
Ion Ratio Lower Upper
93 100
95 33.0 26.5 39.7
123 9.2 8.6 12.8

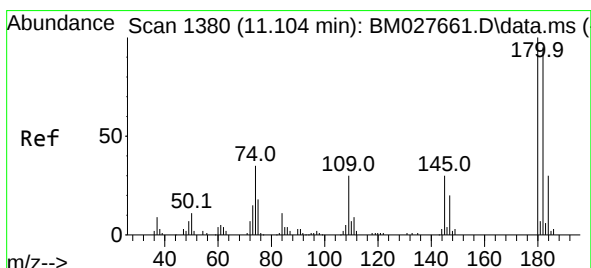
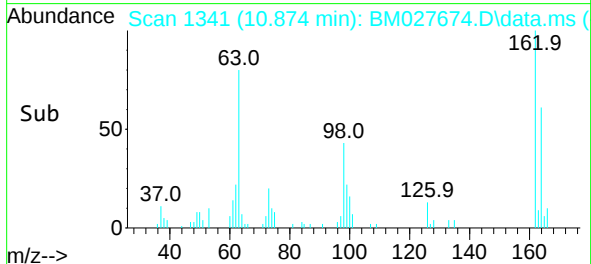
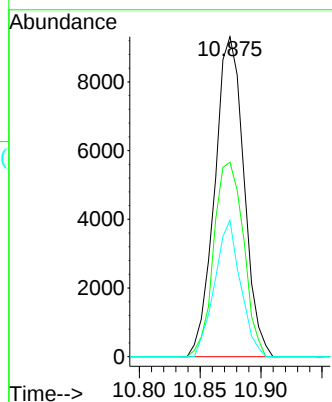
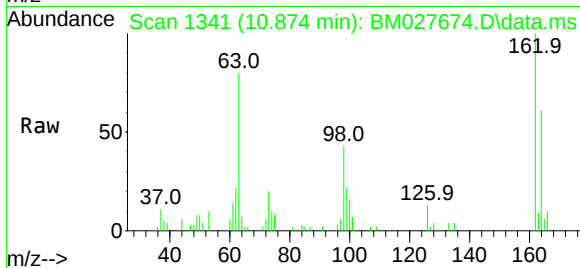




#29
2,4-Dichlorophenol
Concen: 8.92 ng
RT: 10.874 min Scan# 1341
Delta R.T. -0.001 min
Lab File: BM027674.D
Acq: 02 Nov 2020 13:05

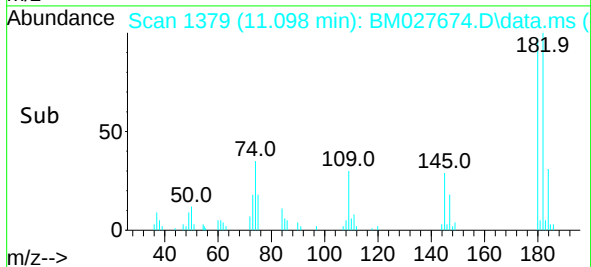
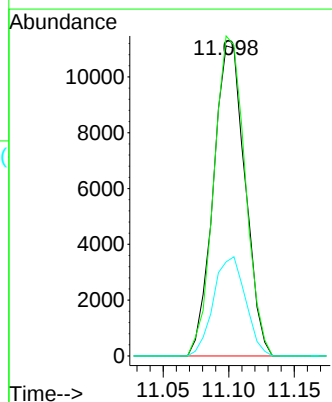
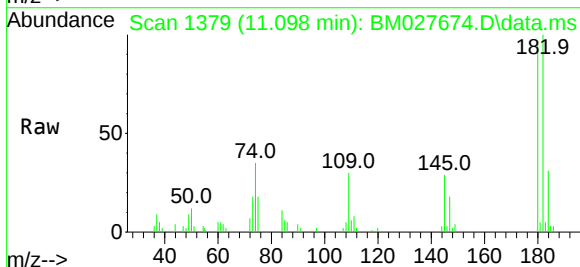
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT4-2020

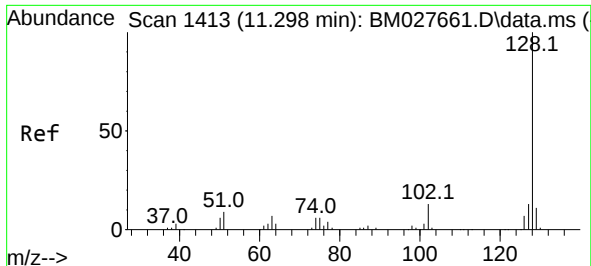
Tgt Ion:162 Resp: 15548
Ion Ratio Lower Upper
162 100
164 60.8 43.2 83.2
98 42.6 15.7 55.7



#30
1,2,4-Trichlorobenzene
Concen: 8.83 ng
RT: 11.098 min Scan# 1379
Delta R.T. -0.006 min
Lab File: BM027674.D
Acq: 02 Nov 2020 13:05

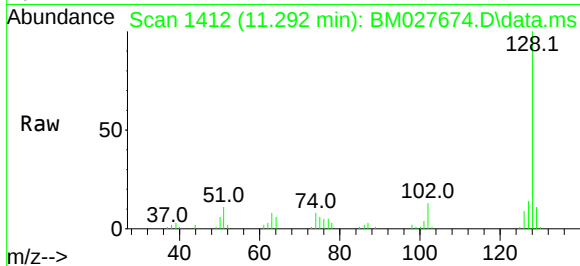
Tgt Ion:180 Resp: 18736
Ion Ratio Lower Upper
180 100
182 103.2 77.7 116.5
145 30.3 23.4 35.0



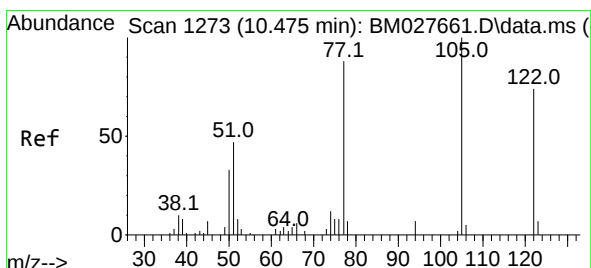
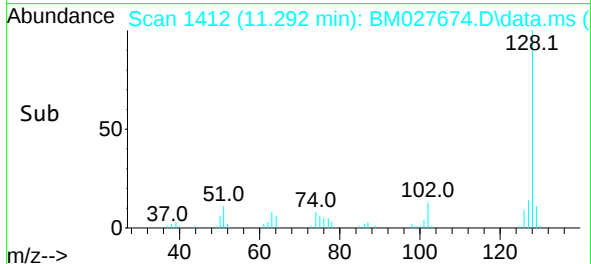
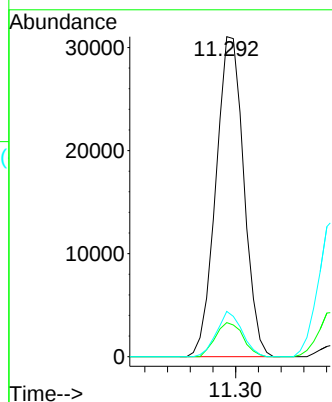


#31
Naphthalene
Concen: 9.06 ng
RT: 11.292 min Scan# 1412
Delta R.T. -0.006 min
Lab File: BM027674.D
Acq: 02 Nov 2020 13:05

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

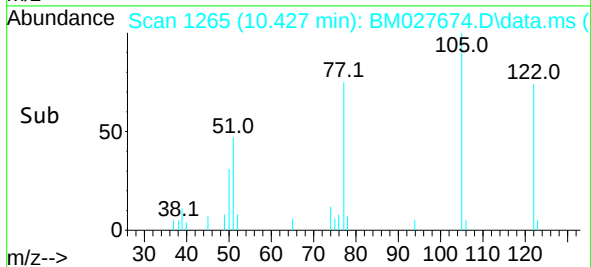
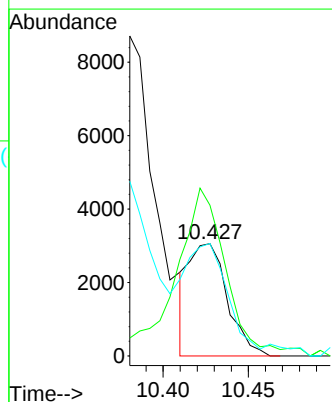
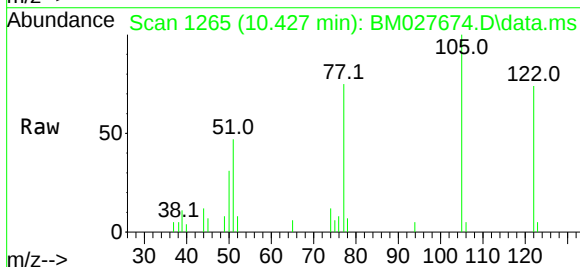


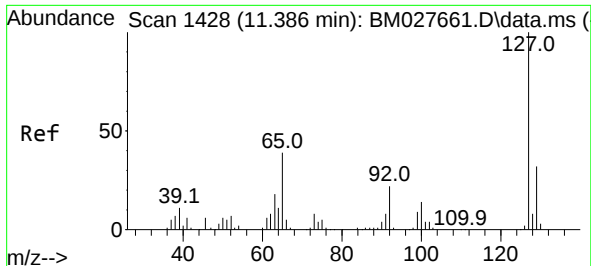
Tgt Ion:128 Resp: 52949
Ion Ratio Lower Upper
128 100
129 10.6 9.0 13.4
127 14.2 10.6 15.8



#32
Benzoic acid
Concen: 5.03 ng
RT: 10.427 min Scan# 1265
Delta R.T. -0.048 min
Lab File: BM027674.D
Acq: 02 Nov 2020 13:05

Tgt Ion:122 Resp: 4772
Ion Ratio Lower Upper
122 100
105 134.2 114.0 154.0
77 100.2 101.8 141.8#

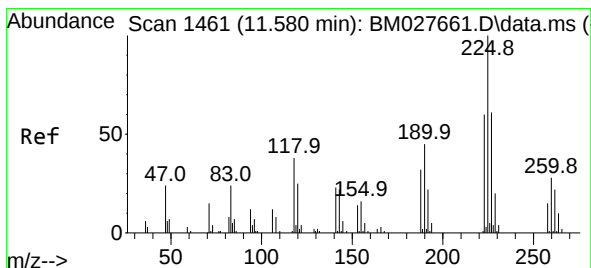
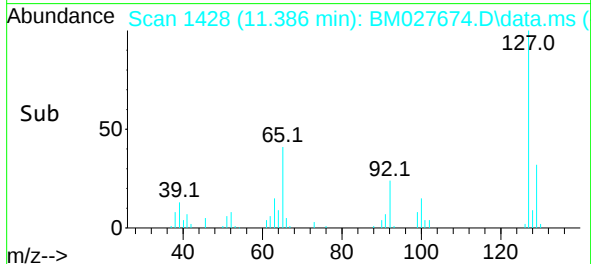
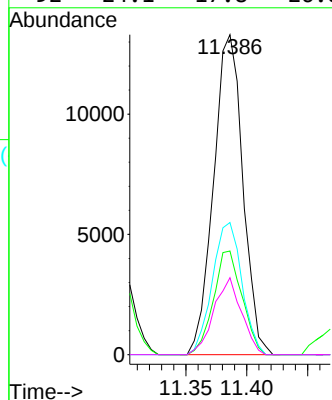
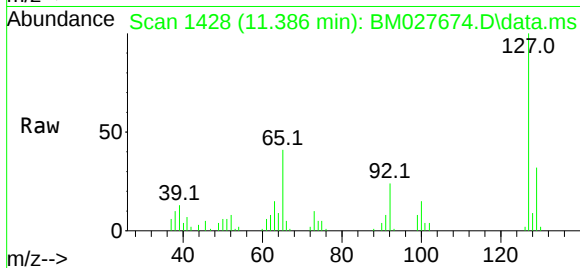




#33
4-Chloroaniline
Concen: 8.65 ng
RT: 11.386 min Scan# 1428
Delta R.T. 0.000 min
Lab File: BM027674.D
Acq: 02 Nov 2020 13:05

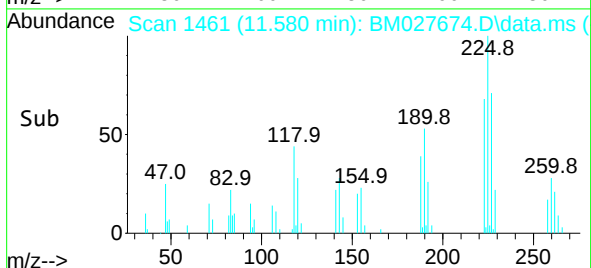
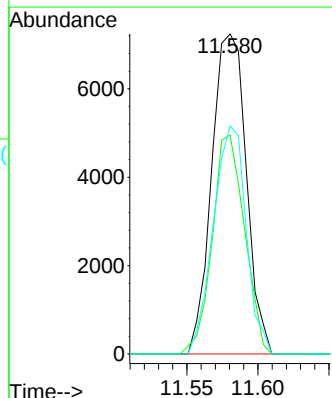
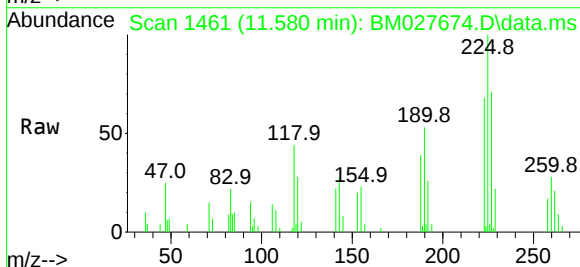
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT4-2020

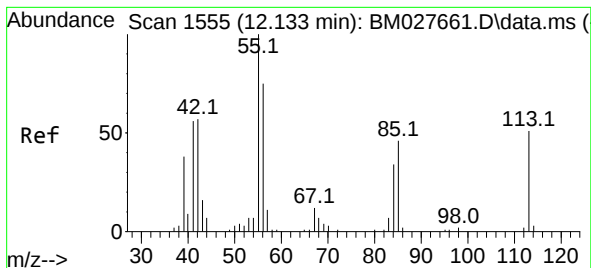
Tgt Ion:	127	Resp:	22233
Ion	Ratio	Lower	Upper
127	100		
129	32.4	24.7	37.1
65	41.3	30.2	45.4
92	24.1	17.8	26.8



#34
Hexachlorobutadiene
Concen: 8.88 ng
RT: 11.580 min Scan# 1461
Delta R.T. 0.000 min
Lab File: BM027674.D
Acq: 02 Nov 2020 13:05

Tgt Ion:	225	Resp:	12233
Ion	Ratio	Lower	Upper
225	100		
223	71.6	51.0	76.4
227	71.3	50.6	75.8

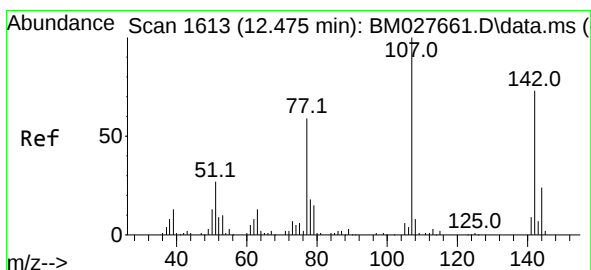
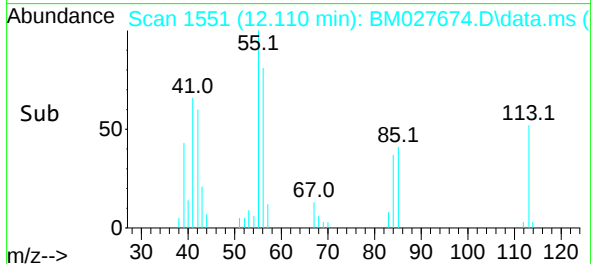
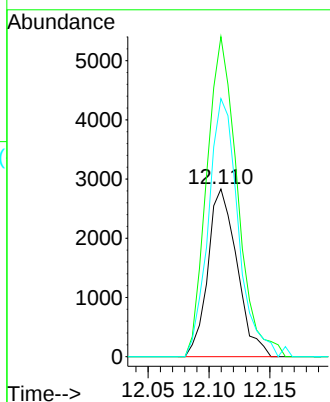
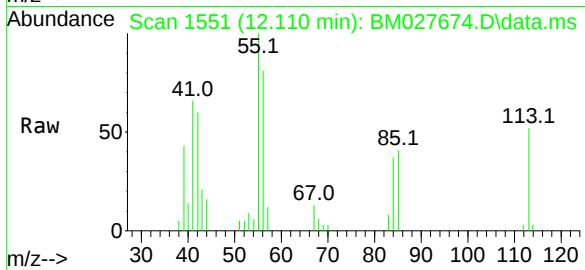




#35
Caprolactam
Concen: 8.14 ng
RT: 12.110 min Scan# 1551
Delta R.T. -0.023 min
Lab File: BM027674.D
Acq: 02 Nov 2020 13:05

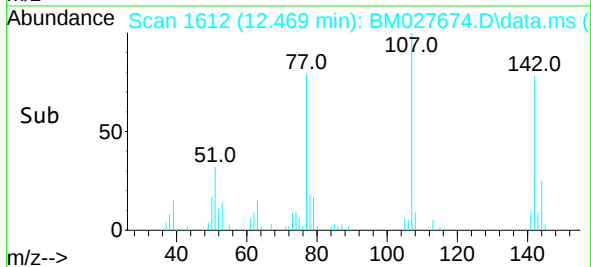
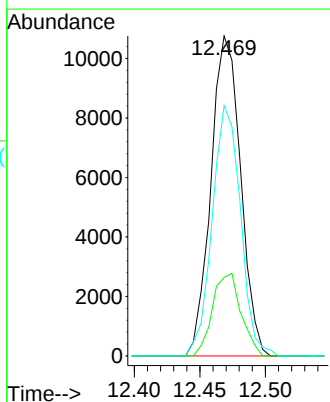
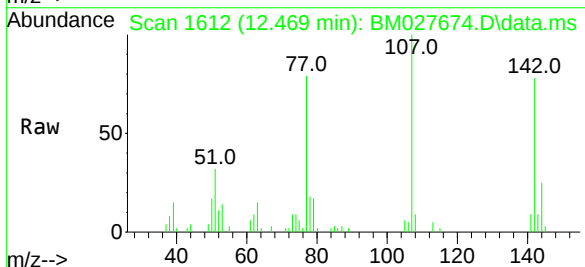
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT4-2020

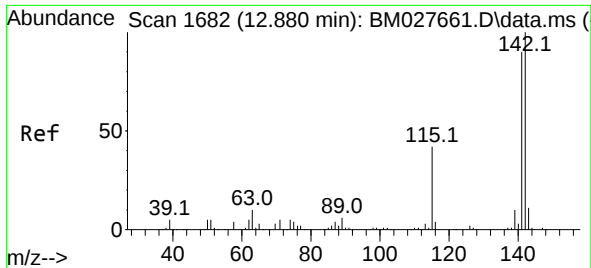
Tgt Ion:113 Resp: 4728
Ion Ratio Lower Upper
113 100
55 190.8 103.2 143.2#
56 153.8 84.2 124.2#



#36
4-Chloro-3-methylphenol
Concen: 8.35 ng
RT: 12.469 min Scan# 1612
Delta R.T. -0.006 min
Lab File: BM027674.D
Acq: 02 Nov 2020 13:05

Tgt Ion:107 Resp: 16928
Ion Ratio Lower Upper
107 100
144 24.6 20.1 30.1
142 78.2 60.3 90.5

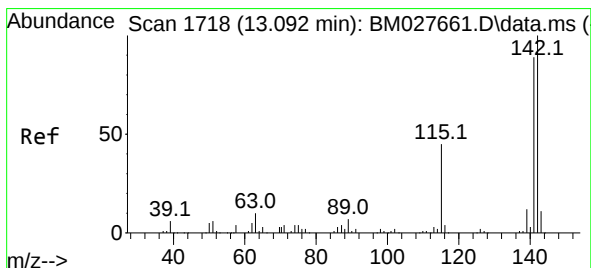
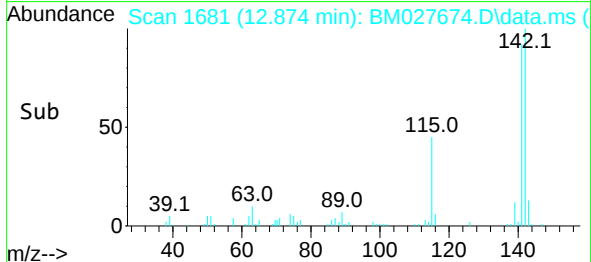
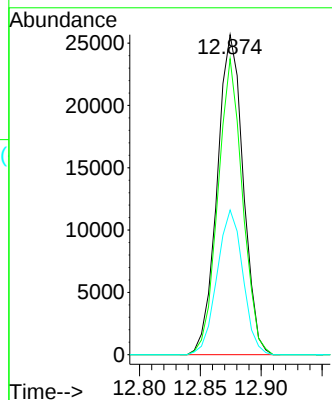
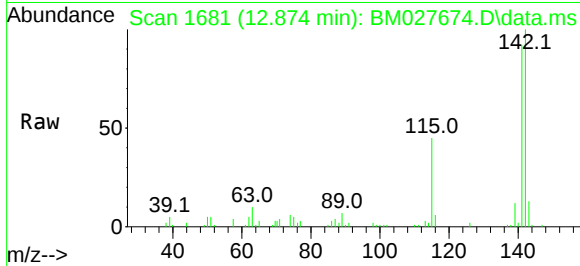




#37
2-Methylnaphthalene
Concen: 9.21 ng
RT: 12.874 min Scan# 1681
Delta R.T. -0.006 min
Lab File: BM027674.D
Acq: 02 Nov 2020 13:05

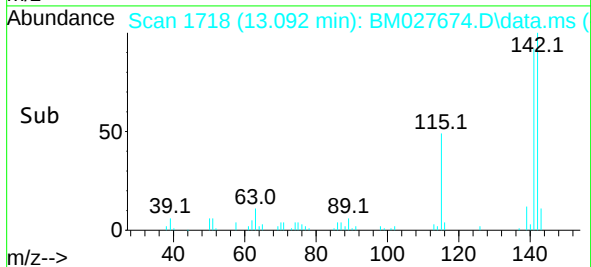
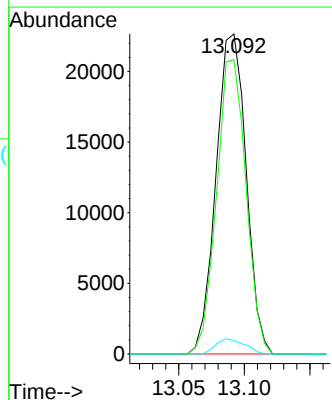
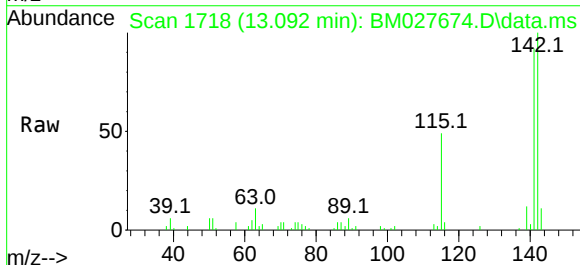
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT4-2020

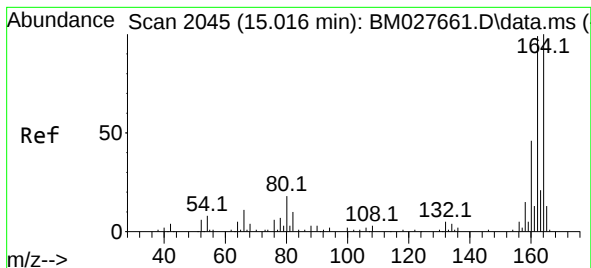
Tgt Ion:142 Resp: 38209
Ion Ratio Lower Upper
142 100
141 92.5 70.3 105.5
115 45.2 32.2 48.4



#38
1-Methylnaphthalene
Concen: 9.20 ng
RT: 13.092 min Scan# 1718
Delta R.T. 0.000 min
Lab File: BM027674.D
Acq: 02 Nov 2020 13:05

Tgt Ion:142 Resp: 36157
Ion Ratio Lower Upper
142 100
141 92.0 73.8 110.6
116 4.2 3.5 5.3





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 15.015 min Scan# 2045

Delta R.T. -0.001 min

Lab File: BM027674.D

Acq: 02 Nov 2020 13:05

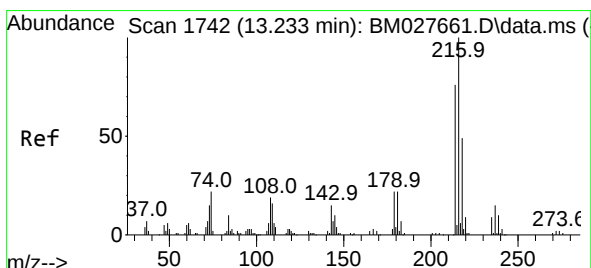
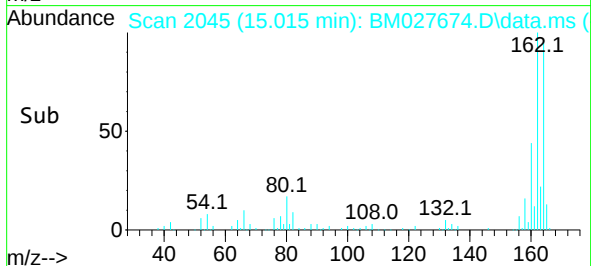
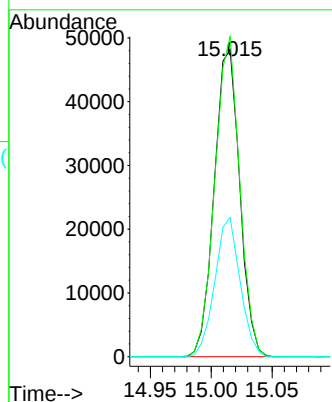
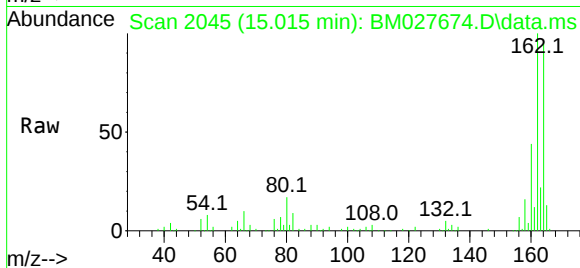
Tgt Ion:164 Resp: 70129

Ion Ratio Lower Upper

164 100

162 104.1 80.4 120.6

160 45.3 35.9 53.9



#40

1,2,4,5-Tetrachlorobenzene

Concen: 9.72 ng

RT: 13.227 min Scan# 1741

Delta R.T. -0.006 min

Lab File: BM027674.D

Acq: 02 Nov 2020 13:05

Tgt Ion:216 Resp: 21539

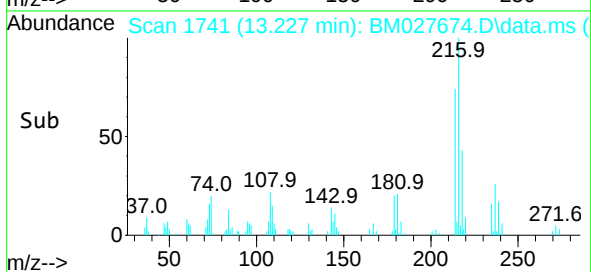
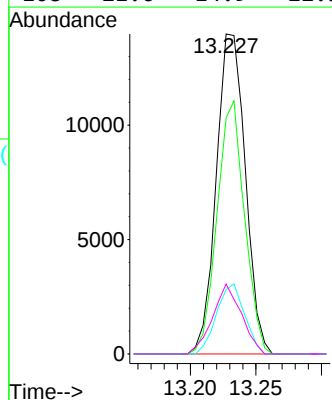
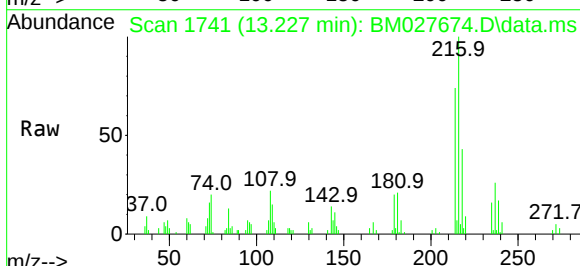
Ion Ratio Lower Upper

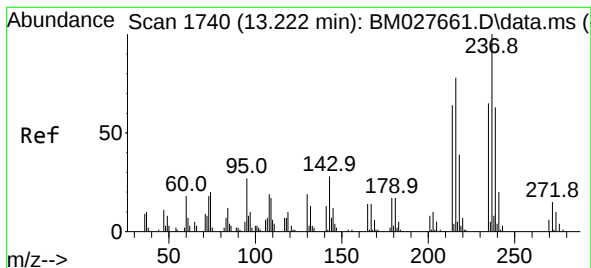
216 100

214 74.7 62.1 93.1

179 21.1 17.2 25.8

108 21.6 14.9 22.3

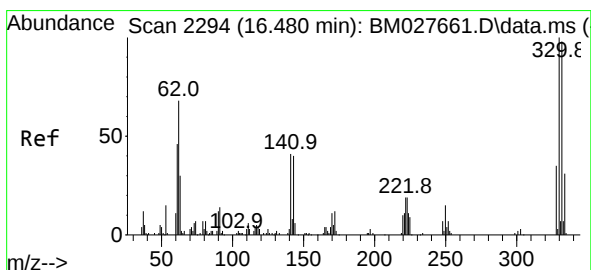
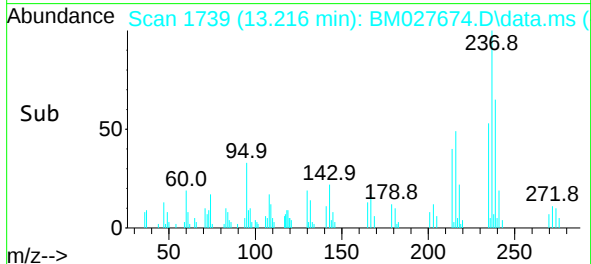
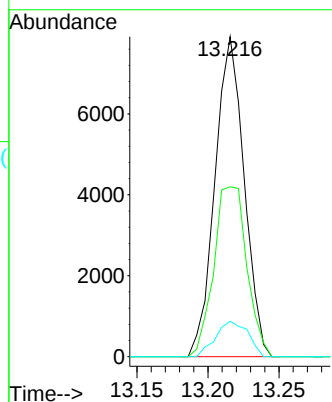
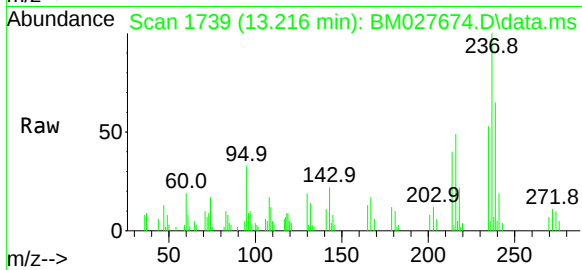




#41
Hexachlorocyclopentadiene
Concen: 9.37 ng
RT: 13.216 min Scan# 1739
Delta R.T. -0.006 min
Lab File: BM027674.D
Acq: 02 Nov 2020 13:05

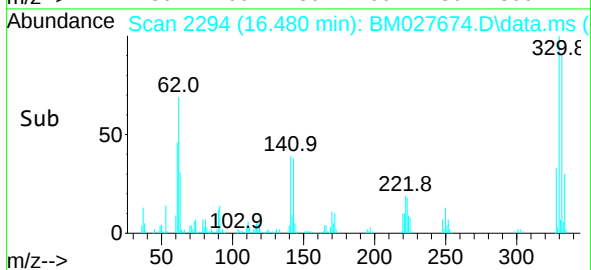
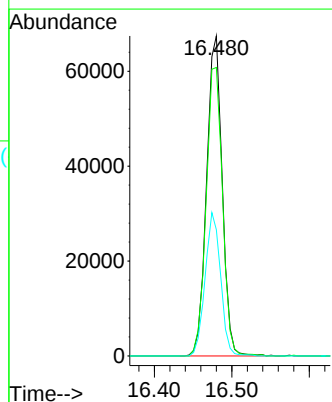
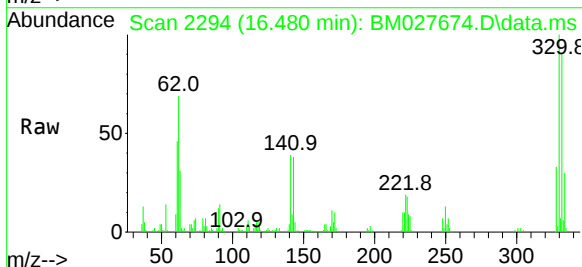
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT4-2020

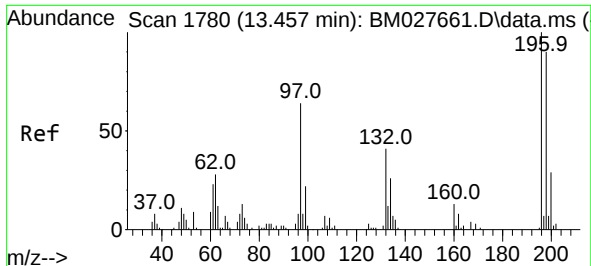
Tgt Ion:237 Resp: 11295
Ion Ratio Lower Upper
237 100
235 53.1 43.1 83.1
272 11.1 0.0 33.0



#42
2,4,6-Tribromophenol
Concen: 112.57 ng
RT: 16.480 min Scan# 2294
Delta R.T. 0.000 min
Lab File: BM027674.D
Acq: 02 Nov 2020 13:05

Tgt Ion:330 Resp: 94268
Ion Ratio Lower Upper
330 100
332 94.6 77.8 116.8
141 44.5 28.4 42.6#

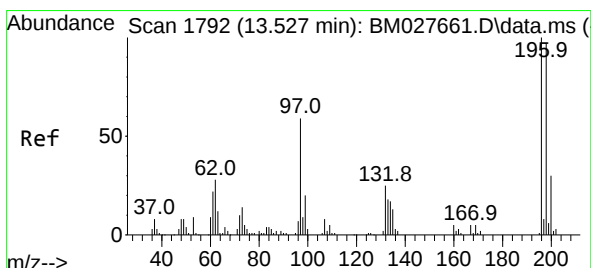
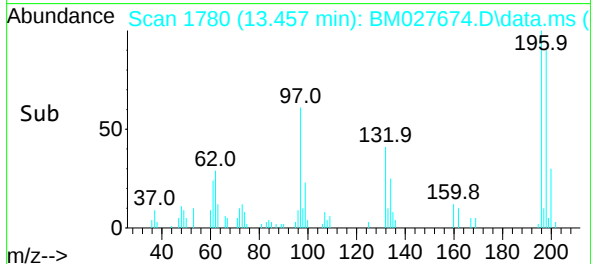
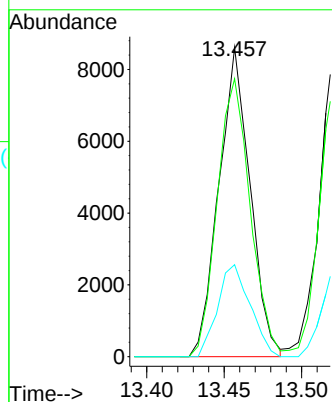
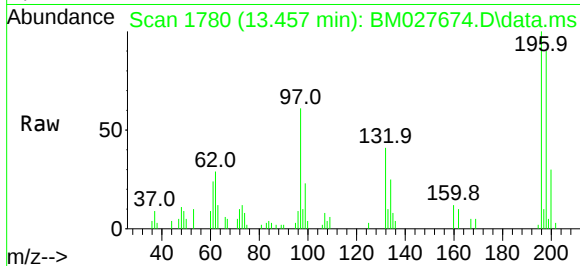




#43
2,4,6-Trichlorophenol
Concen: 8.38 ng
RT: 13.457 min Scan# 1780
Delta R.T. -0.000 min
Lab File: BM027674.D
Acq: 02 Nov 2020 13:05

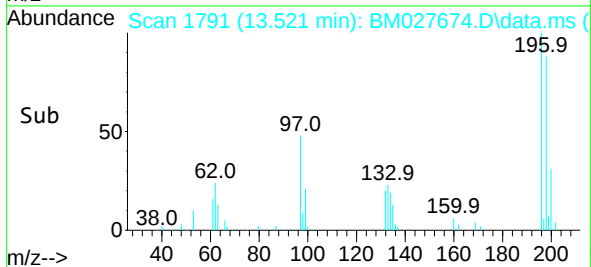
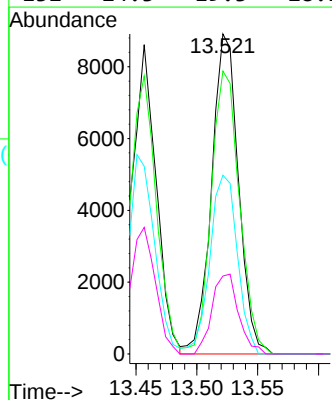
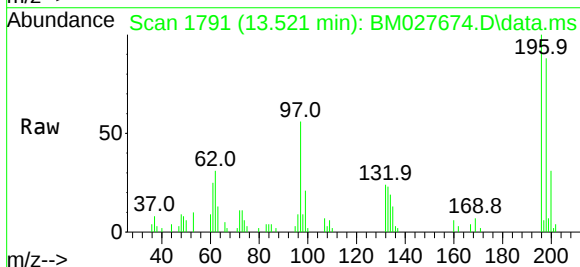
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT4-2020

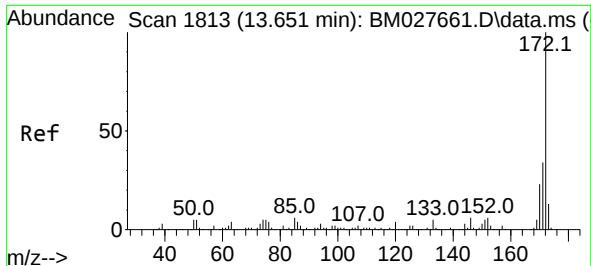
Tgt Ion:196 Resp: 12069
Ion Ratio Lower Upper
196 100
198 89.9 74.9 112.3
200 29.7 23.7 35.5



#44
2,4,5-Trichlorophenol
Concen: 8.87 ng
RT: 13.521 min Scan# 1791
Delta R.T. -0.006 min
Lab File: BM027674.D
Acq: 02 Nov 2020 13:05

Tgt Ion:196 Resp: 13688
Ion Ratio Lower Upper
196 100
198 88.4 79.0 118.6
97 55.8 40.5 60.7
132 24.3 19.3 28.9

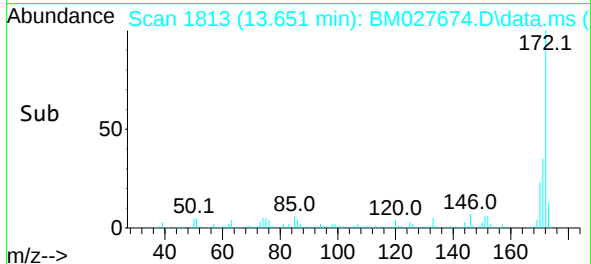
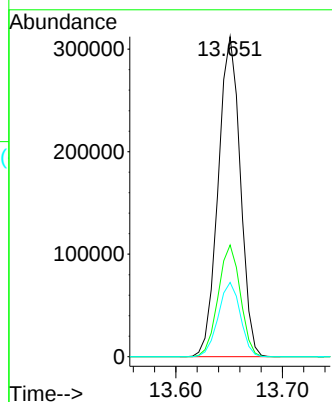
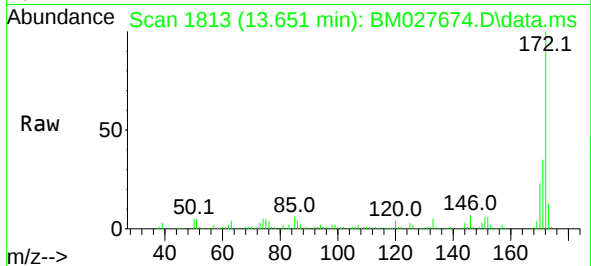




#45
2-Fluorobiphenyl
Concen: 91.38 ng
RT: 13.651 min Scan# 1813
Delta R.T. -0.000 min
Lab File: BM027674.D
Acq: 02 Nov 2020 13:05

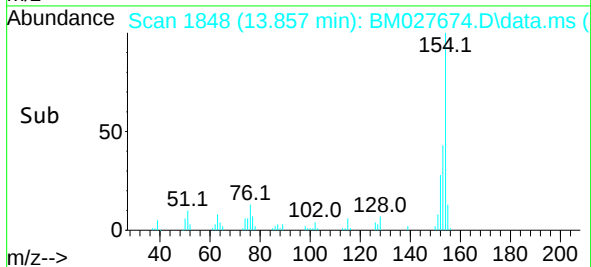
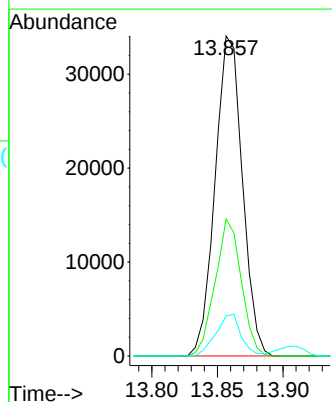
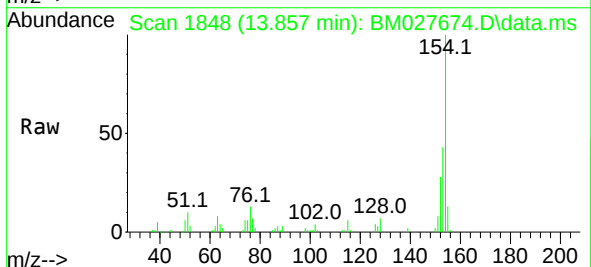
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT4-2020

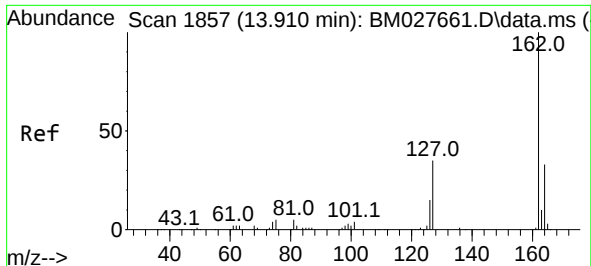
Tgt Ion:172	Resp: 449108
Ion Ratio	Lower Upper
172 100	
171 34.9	27.8 41.8
170 23.2	18.6 27.8



#46
1,1'-Biphenyl
Concen: 9.20 ng
RT: 13.857 min Scan# 1848
Delta R.T. -0.006 min
Lab File: BM027674.D
Acq: 02 Nov 2020 13:05

Tgt Ion:154	Resp: 49281
Ion Ratio	Lower Upper
154 100	
153 42.9	20.0 60.0
76 12.6	0.0 32.0

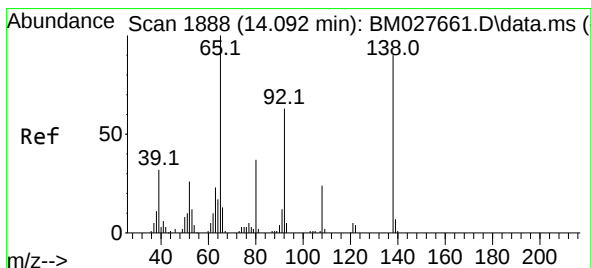
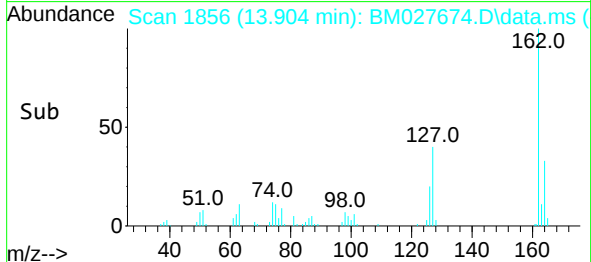
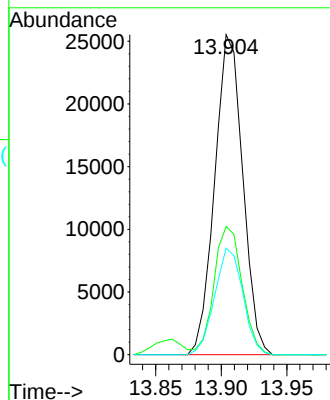
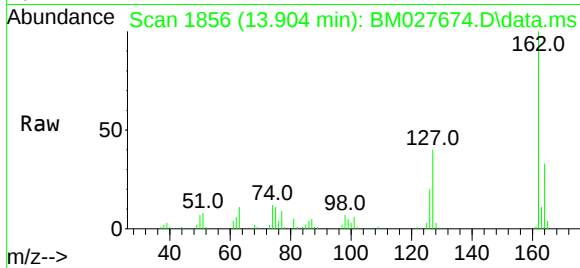




#47
2-Chloronaphthalene
Concen: 8.55 ng
RT: 13.904 min Scan# 1856
Delta R.T. -0.006 min
Lab File: BM027674.D
Acq: 02 Nov 2020 13:05

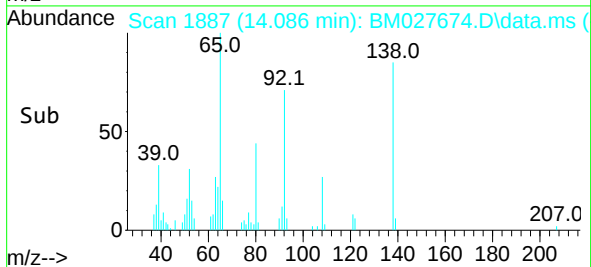
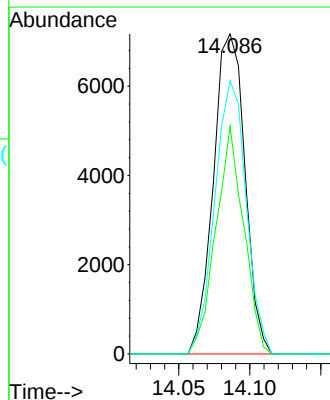
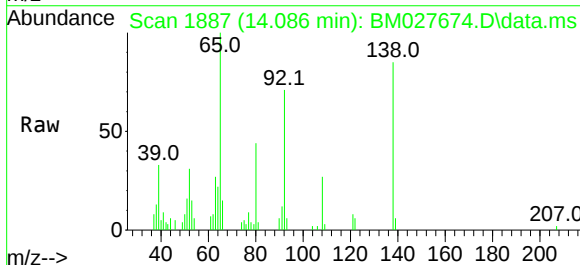
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT4-2020

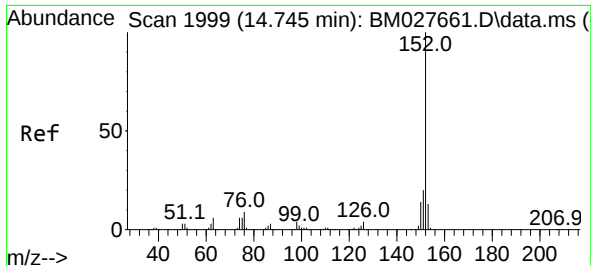
Tgt Ion:	162	Resp:	37947
Ion	Ratio	Lower	Upper
162	100		
127	40.1	29.6	44.4
164	33.3	26.2	39.4



#48
2-Nitroaniline
Concen: 7.44 ng
RT: 14.086 min Scan# 1887
Delta R.T. -0.006 min
Lab File: BM027674.D
Acq: 02 Nov 2020 13:05

Tgt Ion:	65	Resp:	11109
Ion	Ratio	Lower	Upper
65	100		
92	71.2	51.5	77.3
138	85.3	72.7	109.1

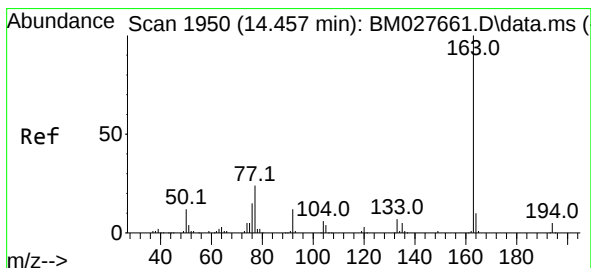
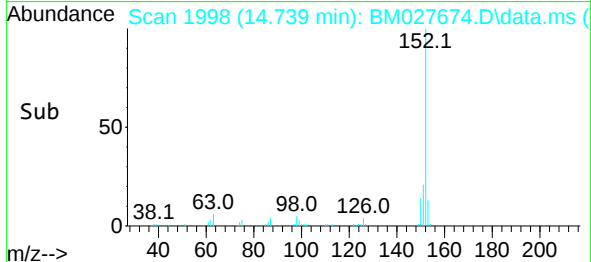
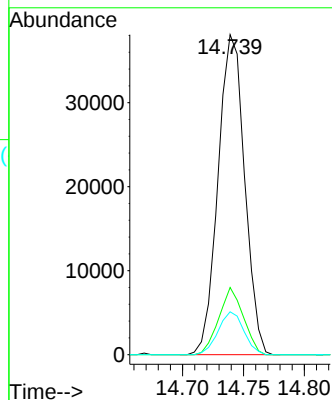
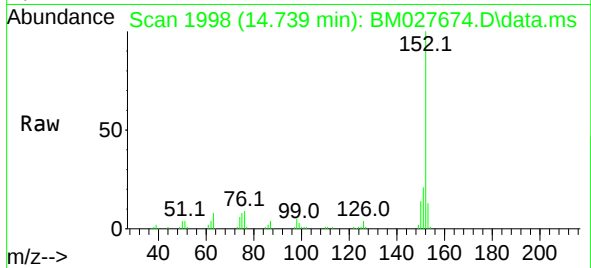




#49
Acenaphthylene
Concen: 8.64 ng
RT: 14.739 min Scan# 1998
Delta R.T. -0.006 min
Lab File: BM027674.D
Acq: 02 Nov 2020 13:05

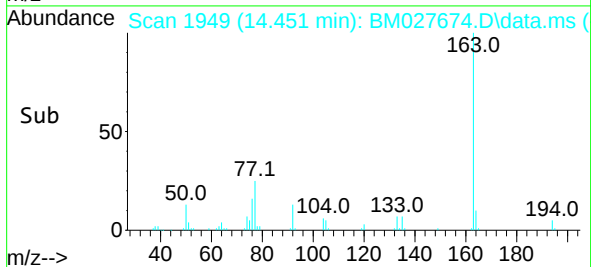
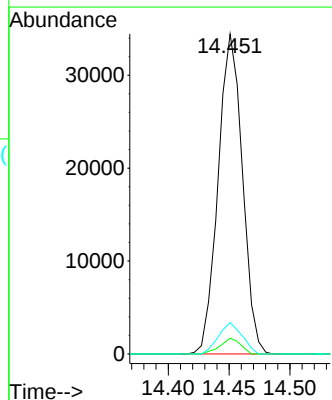
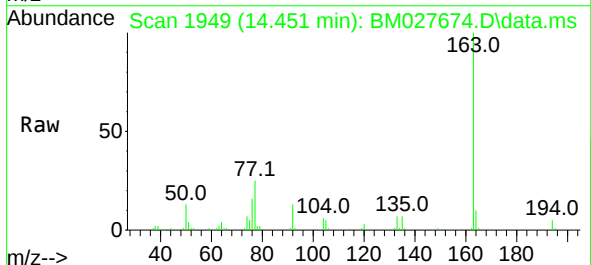
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT4-2020

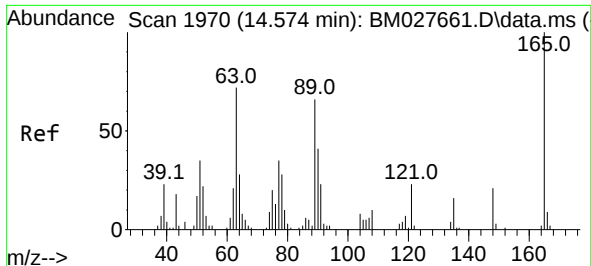
Tgt Ion:152	Resp:	57911
Ion Ratio	Lower	Upper
152	100	
151	21.0	15.8 23.6
153	13.4	10.4 15.6



#50
Dimethylphthalate
Concen: 8.52 ng
RT: 14.451 min Scan# 1949
Delta R.T. -0.006 min
Lab File: BM027674.D
Acq: 02 Nov 2020 13:05

Tgt Ion:163	Resp:	47853
Ion Ratio	Lower	Upper
163	100	
194	5.0	3.4 5.2
164	9.8	8.1 12.1

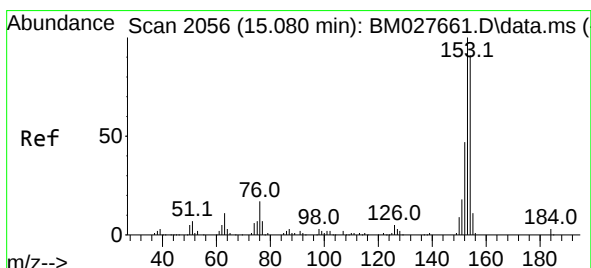
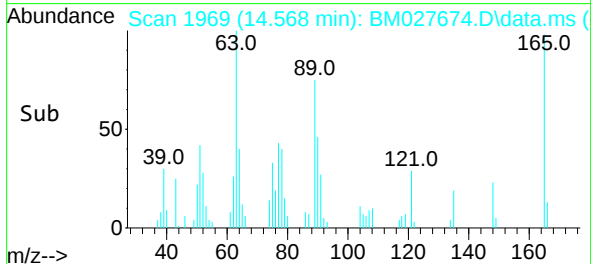
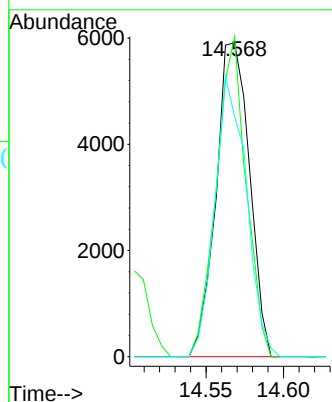
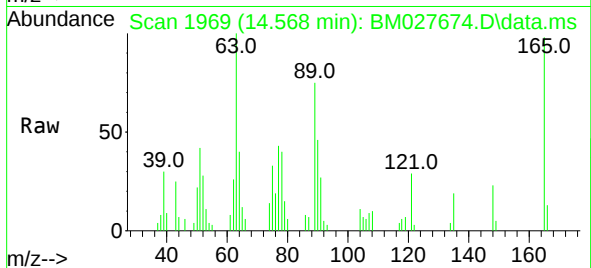




#51
2,6-Dinitrotoluene
Concen: 8.03 ng
RT: 14.568 min Scan# 1969
Delta R.T. -0.006 min
Lab File: BM027674.D
Acq: 02 Nov 2020 13:05

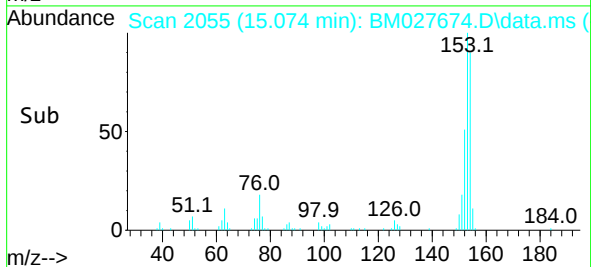
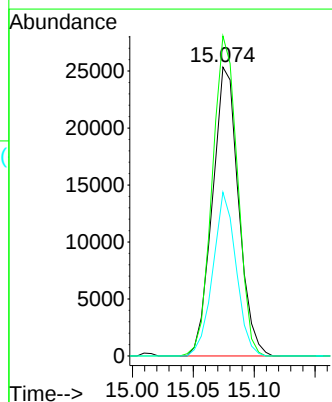
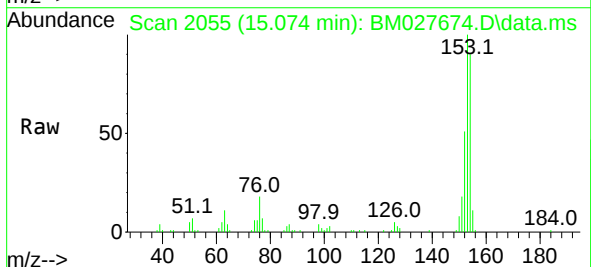
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT4-2020

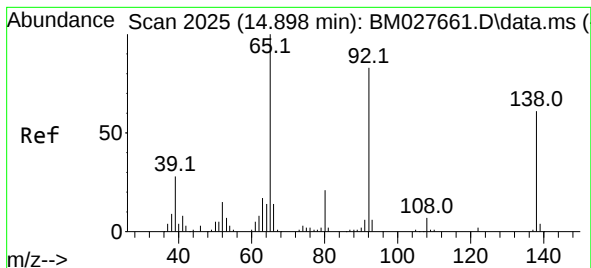
Tgt Ion:165 Resp: 8859
Ion Ratio Lower Upper
165 100
63 101.9 51.1 76.7#
89 76.5 53.3 79.9



#52
Acenaphthene
Concen: 8.59 ng
RT: 15.074 min Scan# 2055
Delta R.T. -0.006 min
Lab File: BM027674.D
Acq: 02 Nov 2020 13:05

Tgt Ion:154 Resp: 37741
Ion Ratio Lower Upper
154 100
153 110.8 88.3 132.5
152 56.6 41.4 62.2

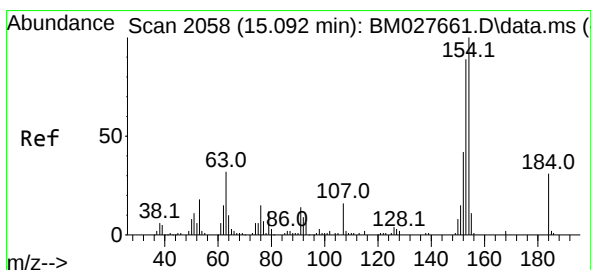
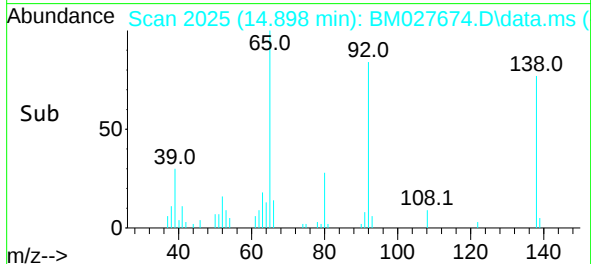
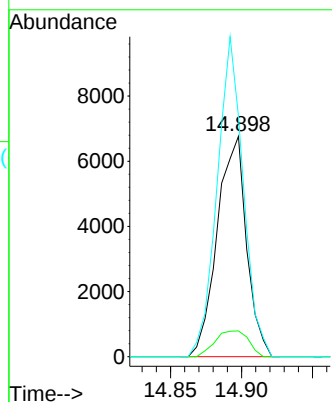
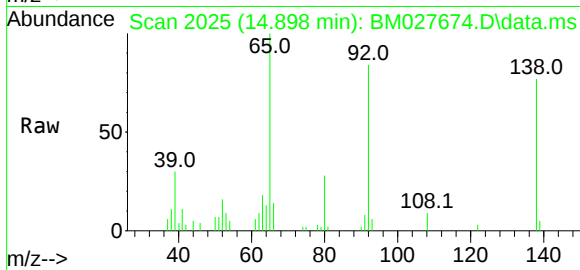




#53
3-Nitroaniline
Concen: 7.73 ng
RT: 14.898 min Scan# 2025
Delta R.T. -0.000 min
Lab File: BM027674.D
Acq: 02 Nov 2020 13:05

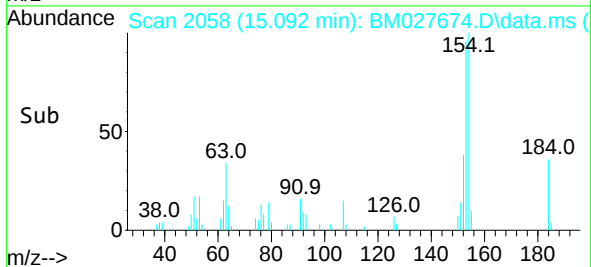
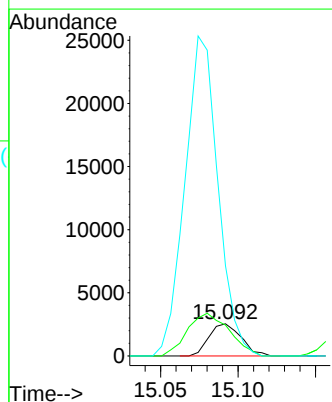
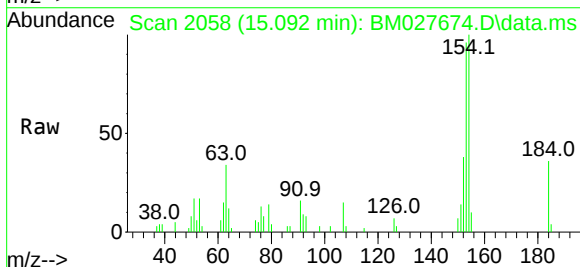
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT4-2020

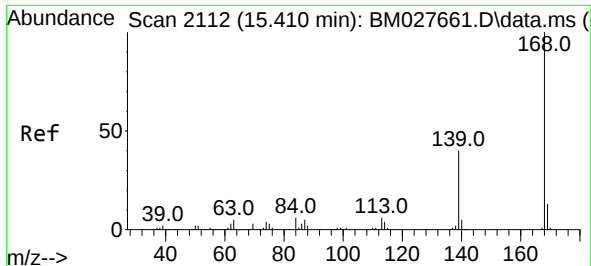
Tgt Ion:138 Resp: 9681
Ion Ratio Lower Upper
138 100
108 11.7 8.6 13.0
92 109.2 102.1 153.1



#54
2,4-Dinitrophenol
Concen: 7.87 ng
RT: 15.092 min Scan# 2058
Delta R.T. -0.000 min
Lab File: BM027674.D
Acq: 02 Nov 2020 13:05

Tgt Ion:184 Resp: 3667
Ion Ratio Lower Upper
184 100
63 96.2 60.2 90.2#
154 280.8 52.9 79.3#

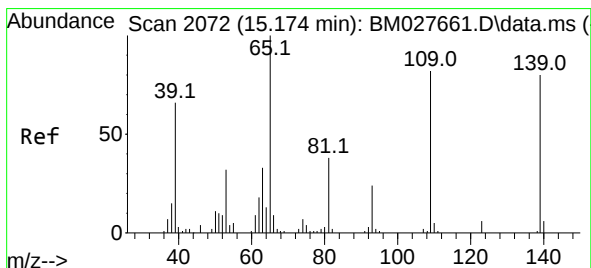
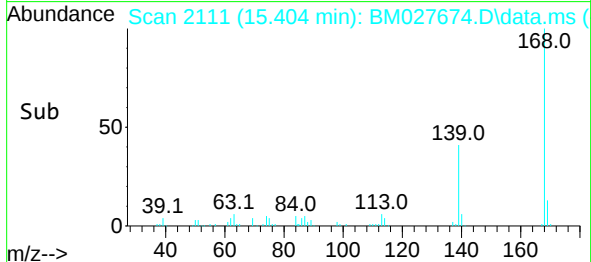
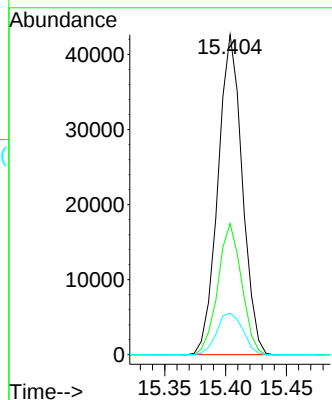
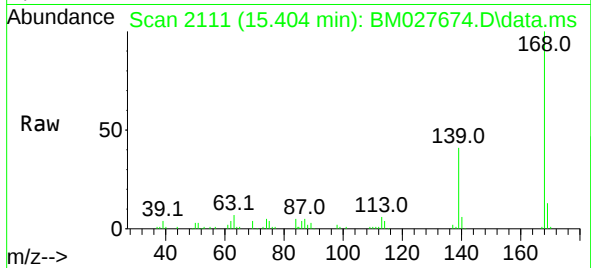




#55
Dibenzofuran
Concen: 9.06 ng
RT: 15.404 min Scan# 2111
Delta R.T. -0.006 min
Lab File: BM027674.D
Acq: 02 Nov 2020 13:05

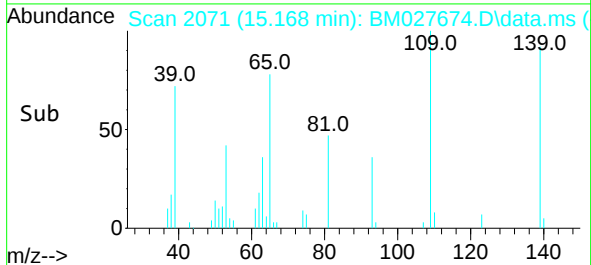
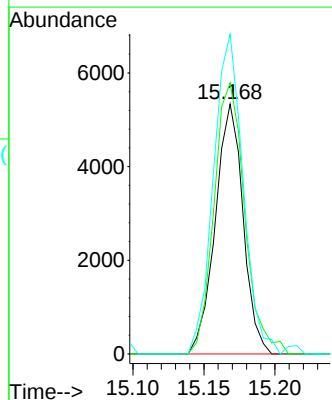
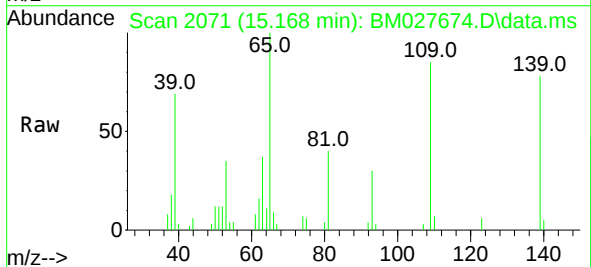
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT4-2020

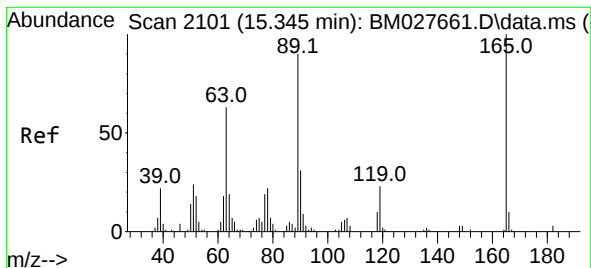
Tgt Ion:168 Resp: 59220
Ion Ratio Lower Upper
168 100
139 41.0 30.2 45.4
169 13.0 10.6 16.0



#56
4-Nitrophenol
Concen: 7.14 ng
RT: 15.168 min Scan# 2071
Delta R.T. -0.006 min
Lab File: BM027674.D
Acq: 02 Nov 2020 13:05

Tgt Ion:139 Resp: 7244
Ion Ratio Lower Upper
139 100
109 108.5 77.0 117.0
65 128.0 103.4 143.4

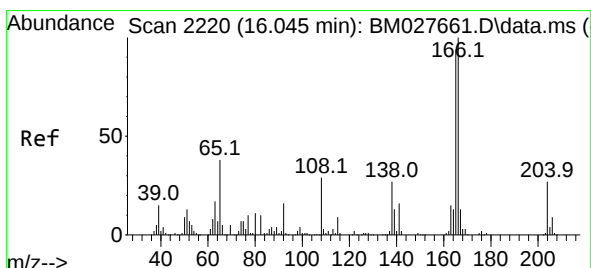
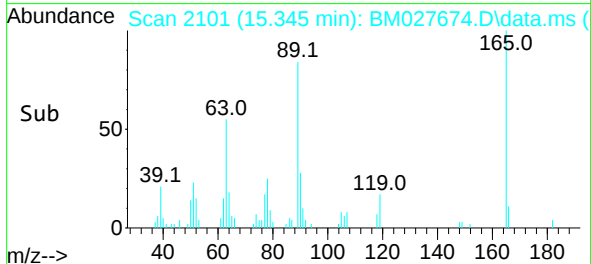
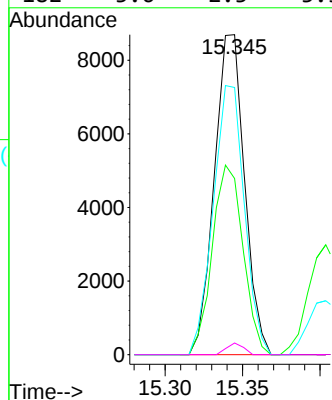
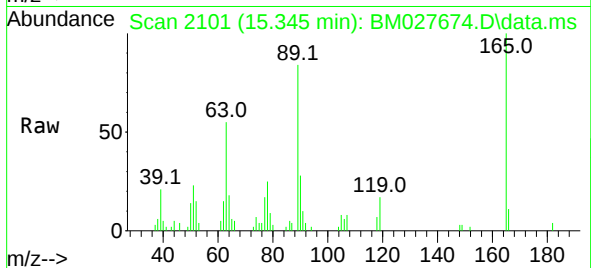




#57
2,4-Dinitrotoluene
Concen: 7.89 ng
RT: 15.345 min Scan# 2101
Delta R.T. -0.000 min
Lab File: BM027674.D
Acq: 02 Nov 2020 13:05

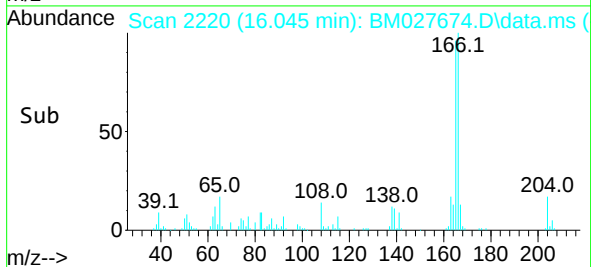
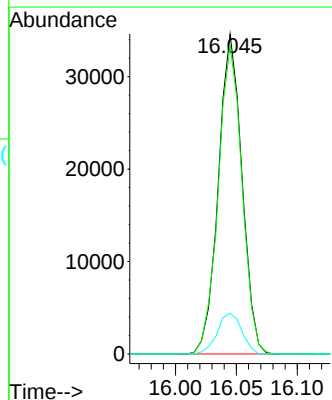
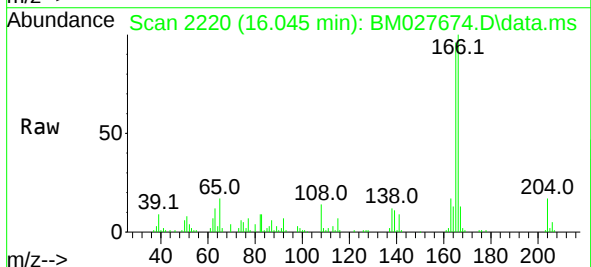
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT4-2020

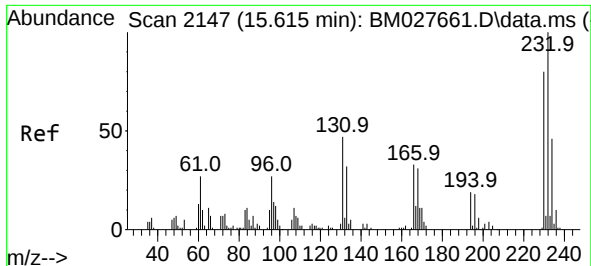
Tgt Ion:	165	Resp:	11797
Ion	Ratio	Lower	Upper
165	100		
63	55.1	38.8	58.2
89	83.5	62.6	94.0
182	3.6	2.3	3.5#



#58
Fluorene
Concen: 8.69 ng
RT: 16.045 min Scan# 2220
Delta R.T. -0.000 min
Lab File: BM027674.D
Acq: 02 Nov 2020 13:05

Tgt Ion:	166	Resp:	46556
Ion	Ratio	Lower	Upper
166	100		
165	96.3	76.2	114.2
167	12.8	10.7	16.1

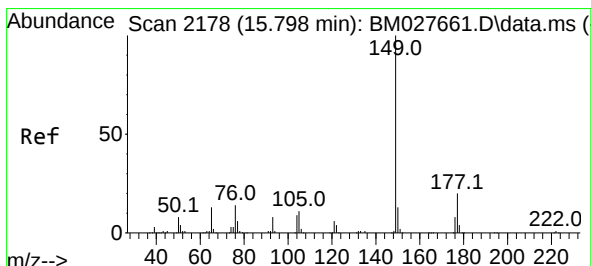
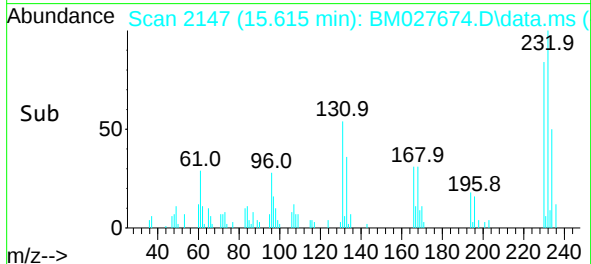
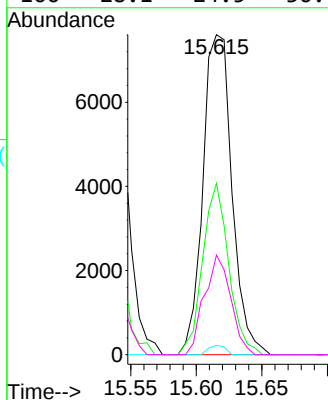
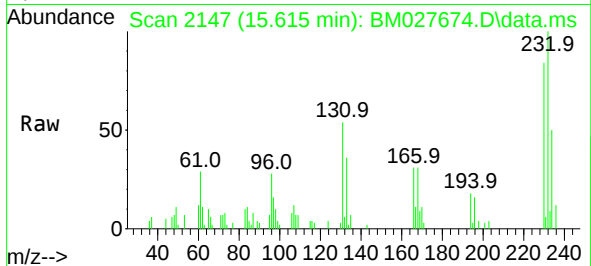




#59
2,3,4,6-Tetrachlorophenol
Concen: 8.67 ng
RT: 15.615 min Scan# 2147
Delta R.T. 0.000 min
Lab File: BM027674.D
Acq: 02 Nov 2020 13:05

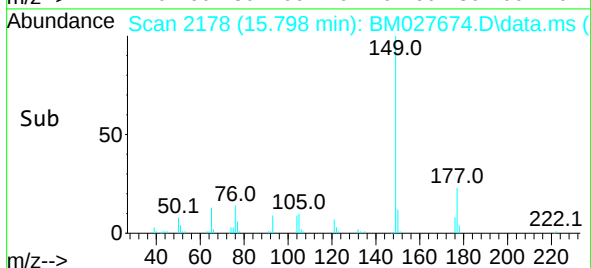
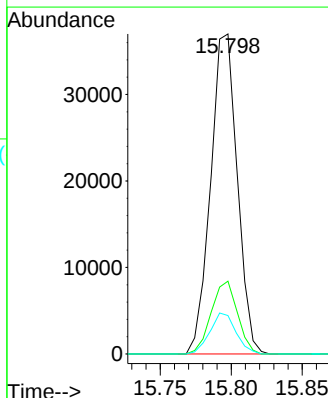
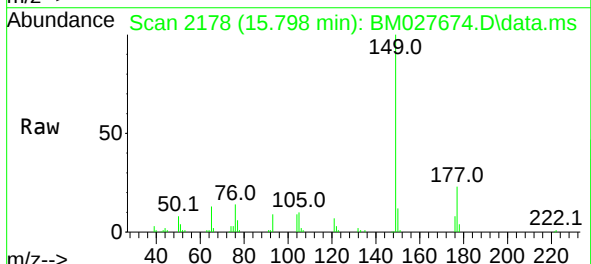
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT4-2020

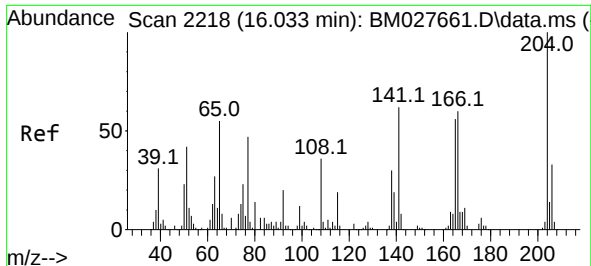
Tgt Ion:232	Resp:	11745
Ion Ratio	Lower	Upper
232	100	
131	48.0	32.2 48.2
130	1.7	1.8 2.8#
166	28.1	24.5 36.7



#60
Diethylphthalate
Concen: 8.43 ng
RT: 15.798 min Scan# 2178
Delta R.T. -0.000 min
Lab File: BM027674.D
Acq: 02 Nov 2020 13:05

Tgt Ion:149	Resp:	48296
Ion Ratio	Lower	Upper
149	100	
177	22.8	18.2 27.4
150	12.0	10.2 15.4

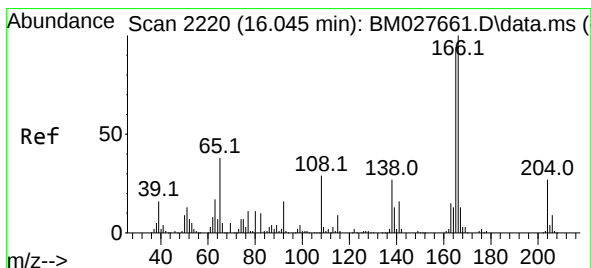
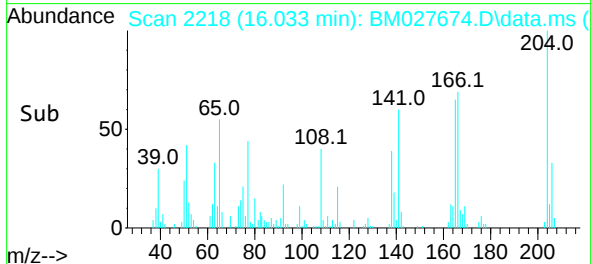
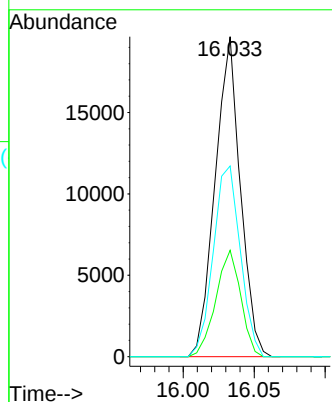
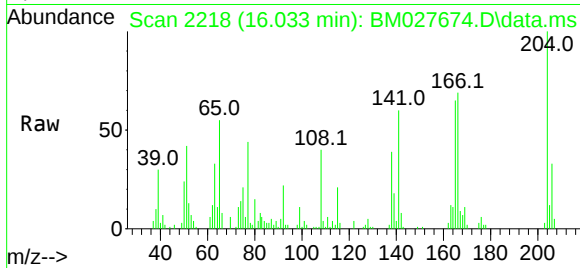




#61
4-Chlorophenyl-phenylether
Concen: 8.80 ng
RT: 16.033 min Scan# 2218
Delta R.T. -0.000 min
Lab File: BM027674.D
Acq: 02 Nov 2020 13:05

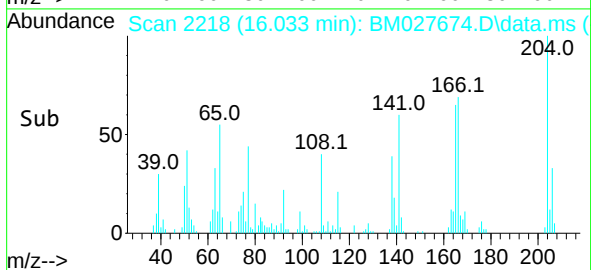
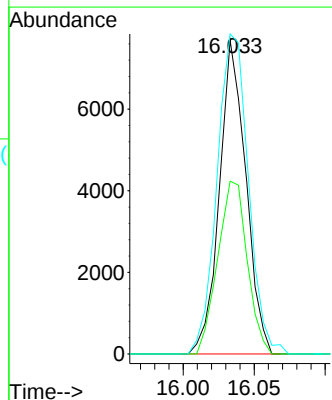
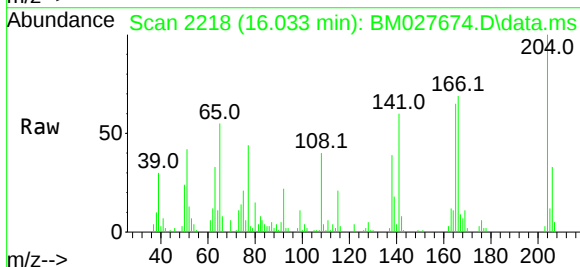
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT4-2020

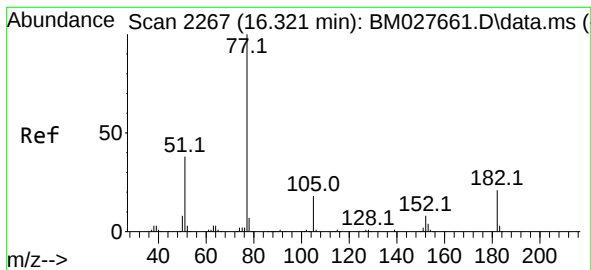
Tgt Ion:204 Resp: 24274
Ion Ratio Lower Upper
204 100
206 33.2 26.1 39.1
141 59.6 43.7 65.5



#62
4-Nitroaniline
Concen: 7.01 ng
RT: 16.033 min Scan# 2218
Delta R.T. -0.012 min
Lab File: BM027674.D
Acq: 02 Nov 2020 13:05

Tgt Ion:138 Resp: 9944
Ion Ratio Lower Upper
138 100
92 55.1 35.5 75.5
108 102.0 80.5 120.5

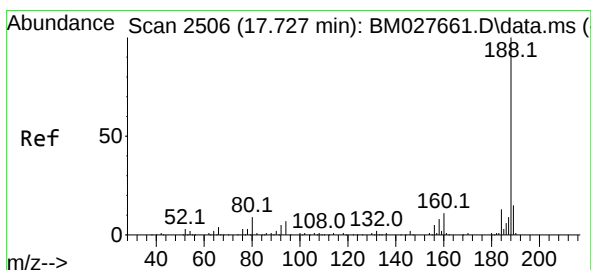
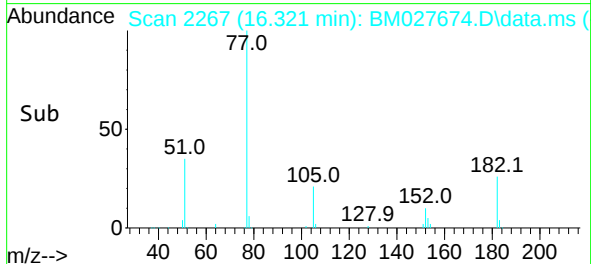
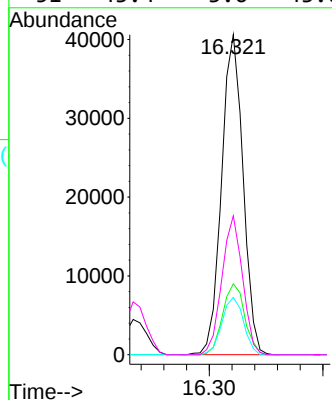
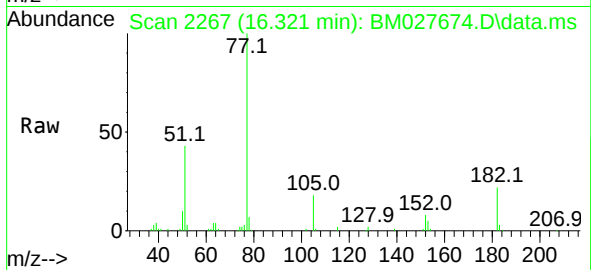




#63
Azobenzene
Concen: 9.00 ng
RT: 16.321 min Scan# 2267
Delta R.T. -0.000 min
Lab File: BM027674.D
Acq: 02 Nov 2020 13:05

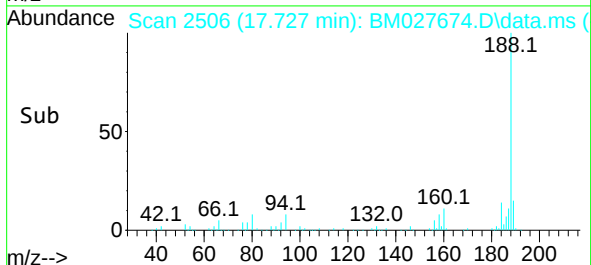
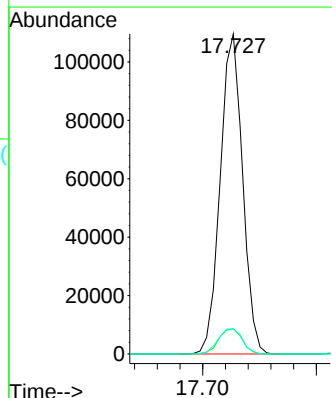
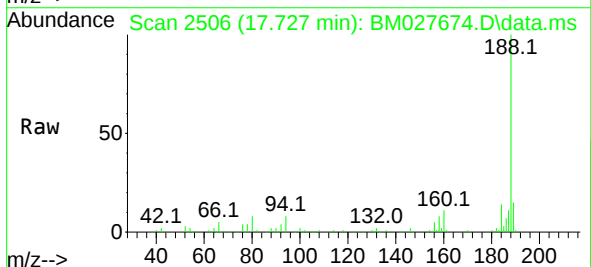
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT4-2020

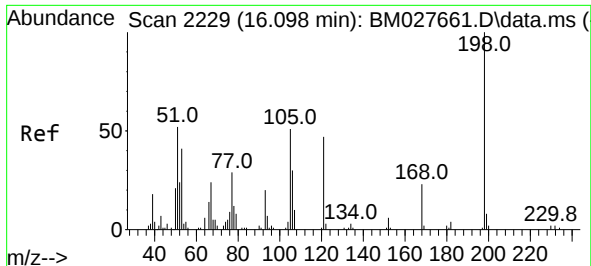
Tgt Ion: 77	Resp: 53400
Ion Ratio	Lower Upper
77 100	
182 22.2	5.8 45.8
105 17.9	0.0 37.2
51 43.4	3.6 43.6



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.727 min Scan# 2506
Delta R.T. -0.000 min
Lab File: BM027674.D
Acq: 02 Nov 2020 13:05

Tgt Ion: 188	Resp: 149903
Ion Ratio	Lower Upper
188 100	
94 7.9	6.2 9.4
80 7.9	7.5 11.3

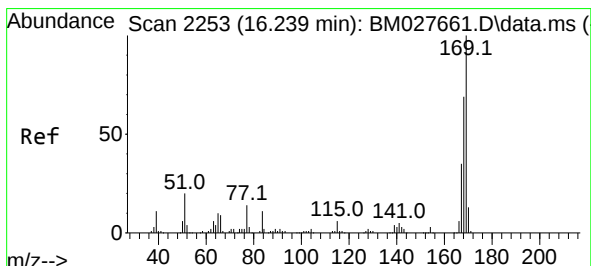
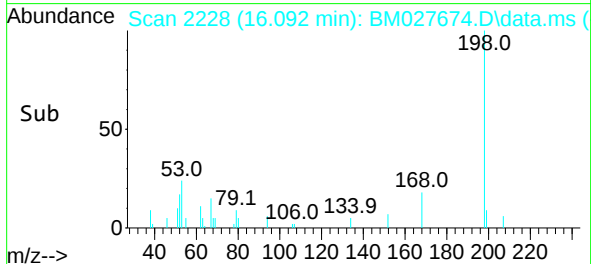
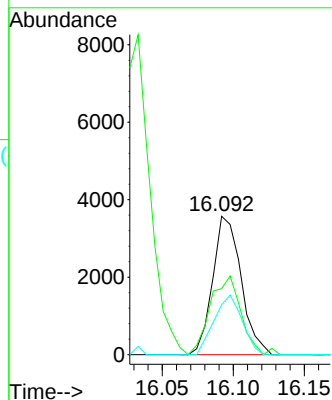
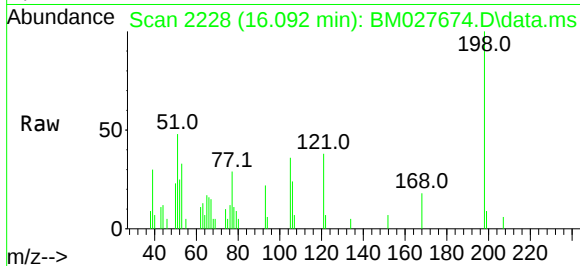




#65
4,6-Dinitro-2-methylphenol
Concen: 8.23 ng
RT: 16.092 min Scan# 2228
Delta R.T. -0.006 min
Lab File: BM027674.D
Acq: 02 Nov 2020 13:05

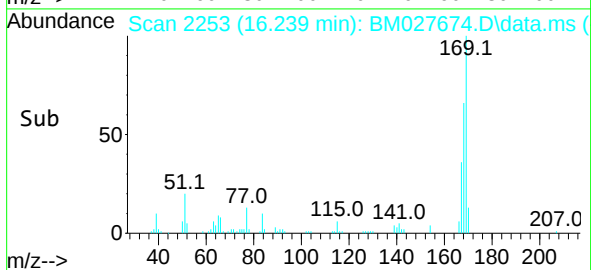
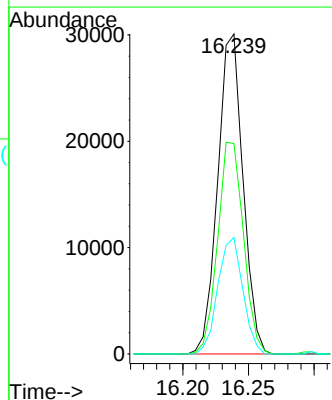
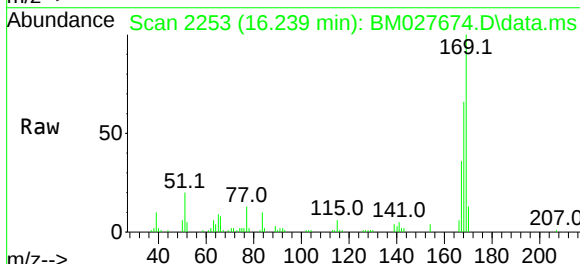
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT4-2020

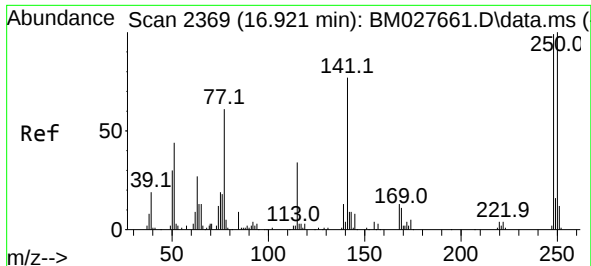
Tgt Ion:198	Resp:	4965
Ion Ratio	Lower	Upper
198	100	
51	47.8	13.0 53.0
105	36.0	18.7 58.7



#66
n-Nitrosodiphenylamine
Concen: 8.92 ng
RT: 16.239 min Scan# 2253
Delta R.T. -0.000 min
Lab File: BM027674.D
Acq: 02 Nov 2020 13:05

Tgt Ion:169	Resp:	40348
Ion Ratio	Lower	Upper
169	100	
168	65.7	53.8 80.8
167	36.4	29.0 43.4

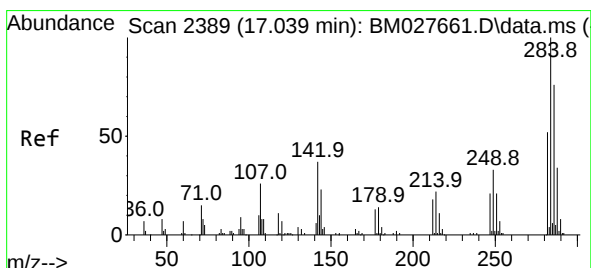
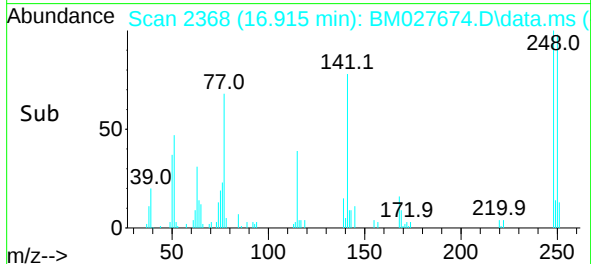
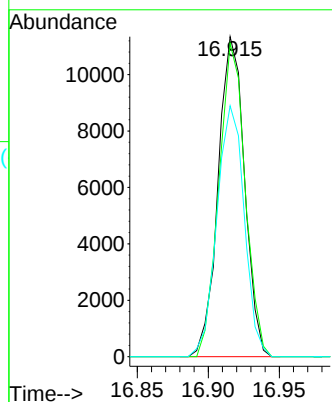
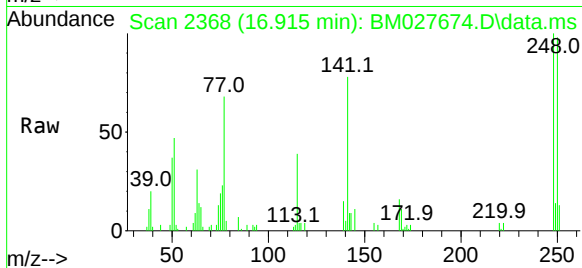




#67
4-Bromophenyl-phenylether
Concen: 9.14 ng
RT: 16.915 min Scan# 2368
Delta R.T. -0.006 min
Lab File: BM027674.D
Acq: 02 Nov 2020 13:05

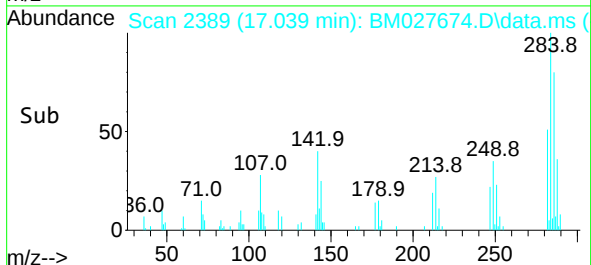
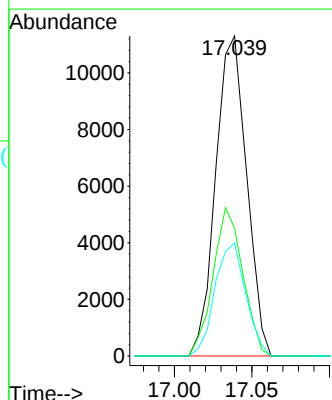
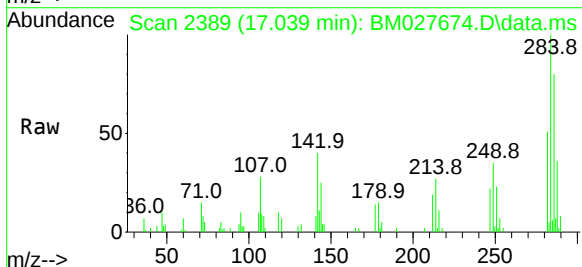
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT4-2020

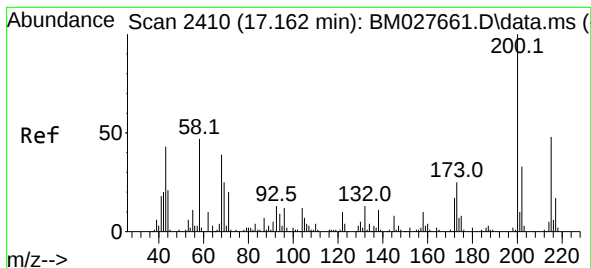
Tgt Ion:248 Resp: 14646
Ion Ratio Lower Upper
248 100
250 97.9 79.1 118.7
141 78.4 51.8 77.8#



#68
Hexachlorobenzene
Concen: 8.44 ng
RT: 17.039 min Scan# 2389
Delta R.T. -0.000 min
Lab File: BM027674.D
Acq: 02 Nov 2020 13:05

Tgt Ion:284 Resp: 15687
Ion Ratio Lower Upper
284 100
142 39.9 26.1 39.1#
249 35.3 25.6 38.4





#69

Atrazine

Concen: 8.64 ng

RT: 17.156 min Scan# 2409

Delta R.T. -0.006 min

Lab File: BM027674.D

Acq: 02 Nov 2020 13:05

Tgt Ion:200 Resp: 13239

Ion Ratio Lower Upper

200 100

173 23.3 4.9 44.9

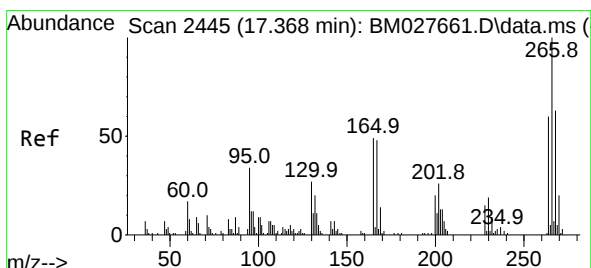
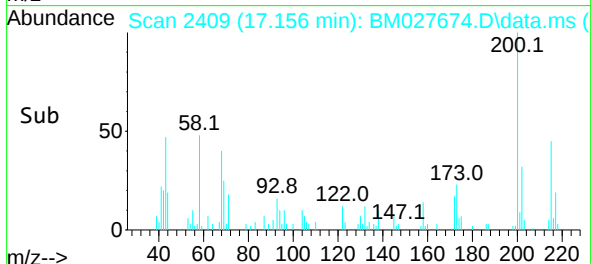
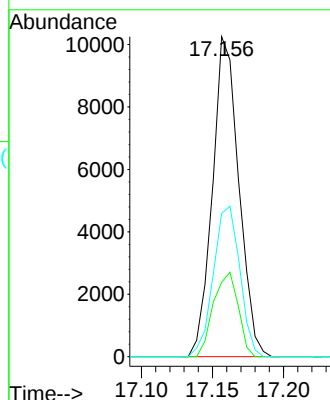
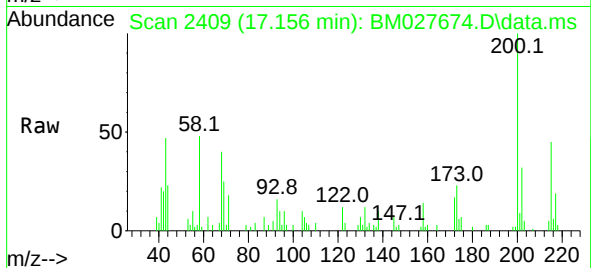
215 44.8 29.0 69.0

Instrument :

BNA_M

ClientSampleId :

LOQ-SOIL-02-QT4-2020



#70

Pentachlorophenol

Concen: 8.19 ng

RT: 17.368 min Scan# 2445

Delta R.T. -0.000 min

Lab File: BM027674.D

Acq: 02 Nov 2020 13:05

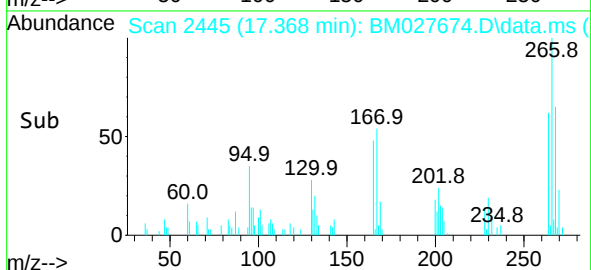
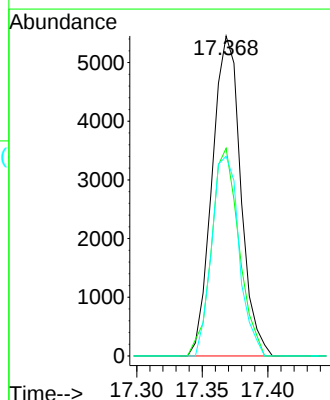
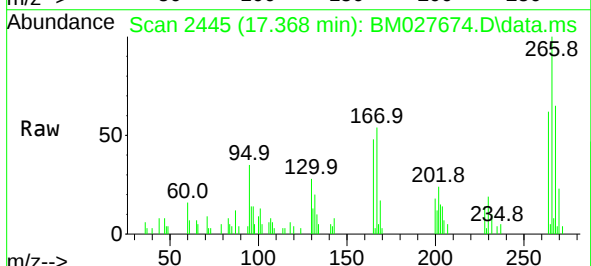
Tgt Ion:266 Resp: 8252

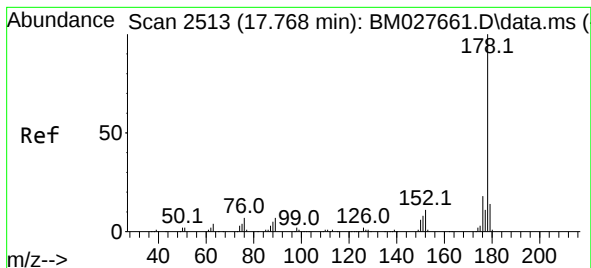
Ion Ratio Lower Upper

266 100

268 64.9 49.9 74.9

264 62.4 50.6 76.0

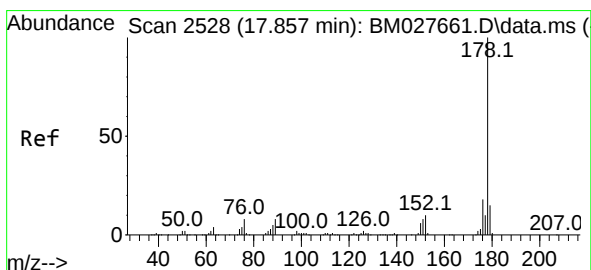
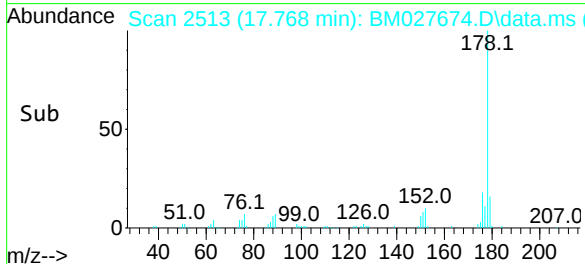
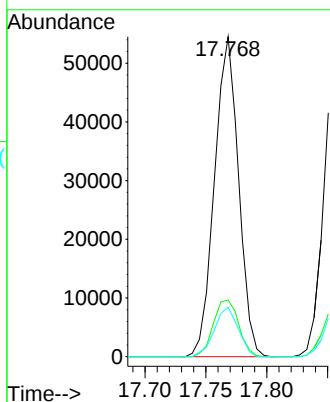
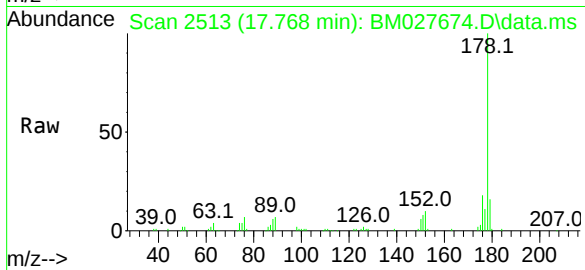




#71
Phenanthrene
Concen: 8.85 ng
RT: 17.768 min Scan# 2513
Delta R.T. -0.000 min
Lab File: BM027674.D
Acq: 02 Nov 2020 13:05

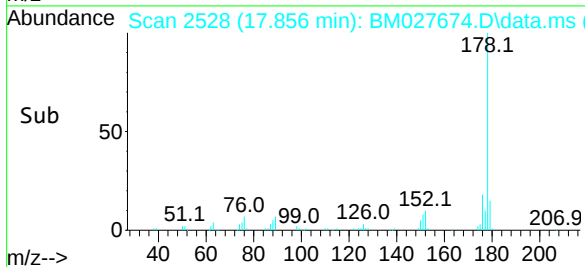
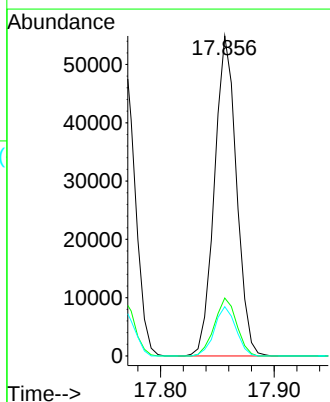
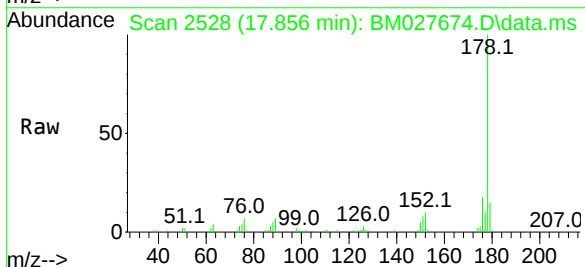
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT4-2020

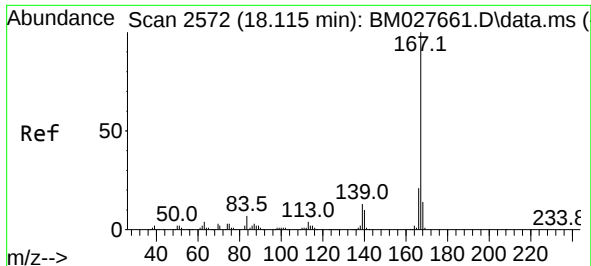
Tgt Ion:178 Resp: 74871
Ion Ratio Lower Upper
178 100
176 17.7 15.0 22.6
179 15.5 12.2 18.4



#72
Anthracene
Concen: 8.93 ng
RT: 17.856 min Scan# 2528
Delta R.T. -0.000 min
Lab File: BM027674.D
Acq: 02 Nov 2020 13:05

Tgt Ion:178 Resp: 73871
Ion Ratio Lower Upper
178 100
176 18.1 15.0 22.4
179 15.4 12.5 18.7

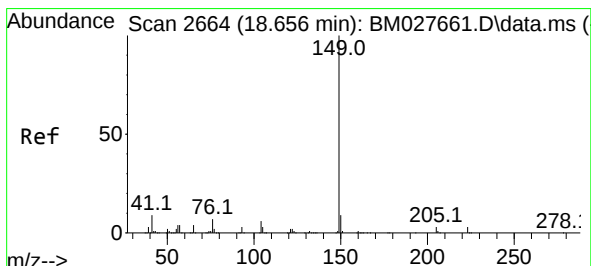
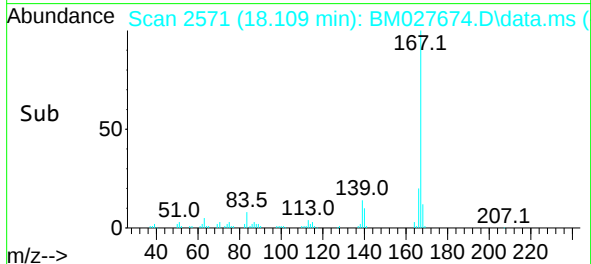
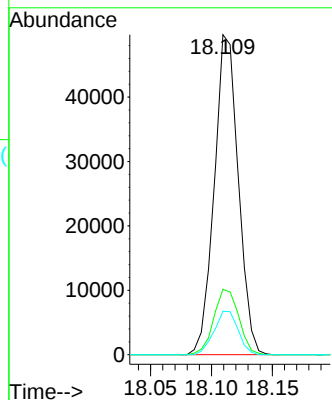
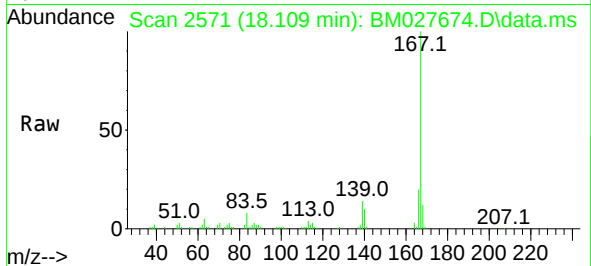




#73
Carbazole
Concen: 8.68 ng
RT: 18.109 min Scan# 2571
Delta R.T. -0.006 min
Lab File: BM027674.D
Acq: 02 Nov 2020 13:05

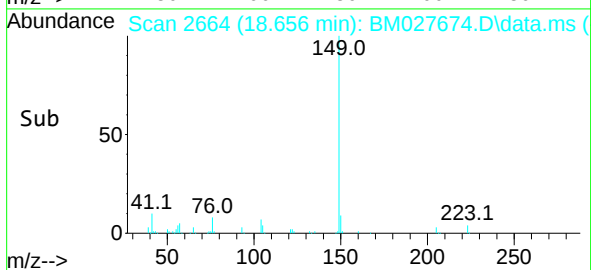
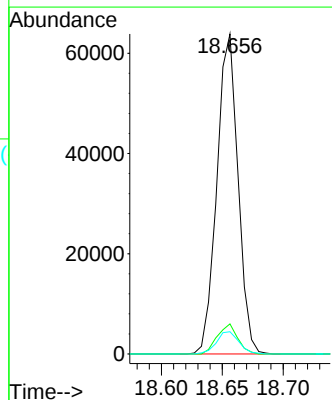
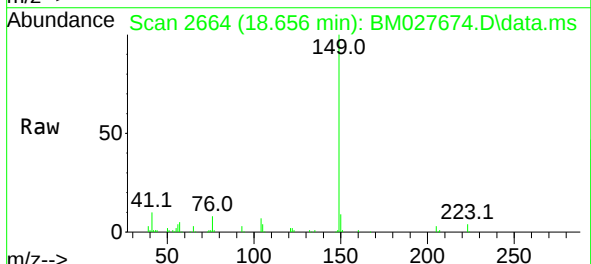
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT4-2020

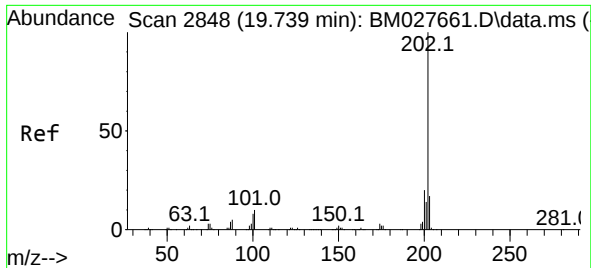
Tgt Ion:167 Resp: 68273
Ion Ratio Lower Upper
167 100
166 20.4 16.9 25.3
139 13.6 9.9 14.9



#74
Di-n-butylphthalate
Concen: 8.36 ng
RT: 18.656 min Scan# 2664
Delta R.T. -0.000 min
Lab File: BM027674.D
Acq: 02 Nov 2020 13:05

Tgt Ion:149 Resp: 77207
Ion Ratio Lower Upper
149 100
150 9.4 7.4 11.0
104 6.9 4.7 7.1

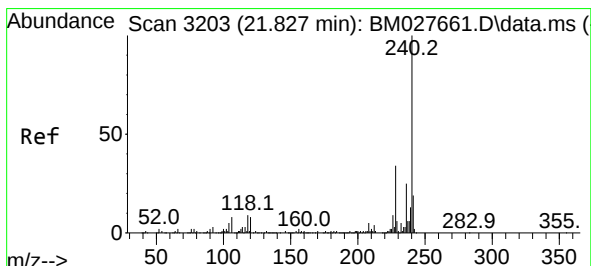
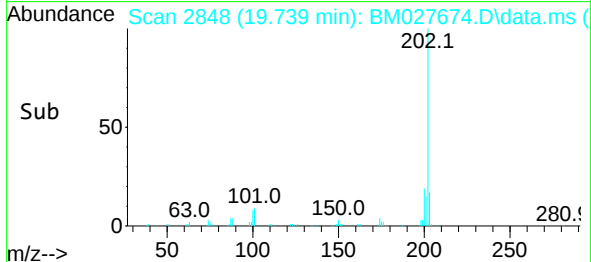
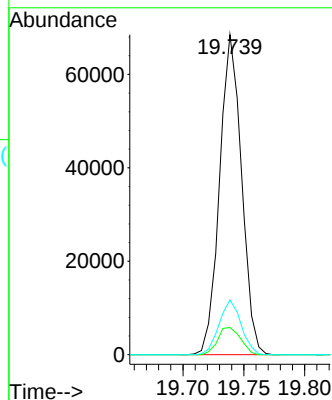
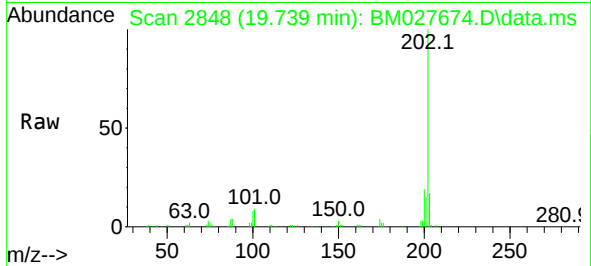




#75
Fluoranthene
Concen: 8.64 ng
RT: 19.739 min Scan# 2848
Delta R.T. -0.000 min
Lab File: BM027674.D
Acq: 02 Nov 2020 13:05

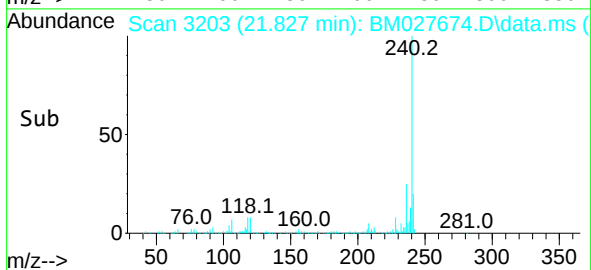
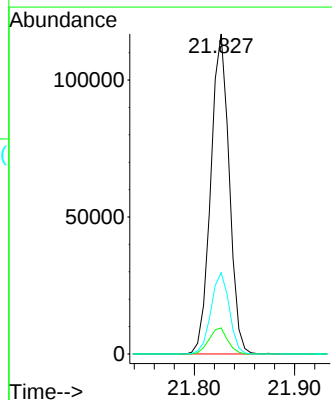
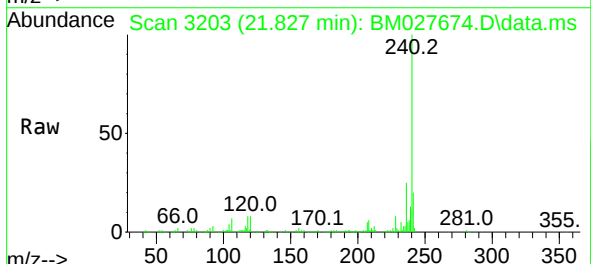
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT4-2020

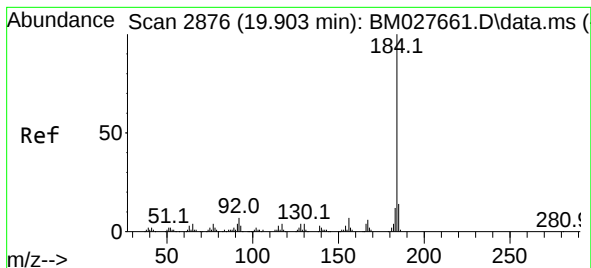
Tgt Ion:	202	Resp:	85935
Ion Ratio	Lower	Upper	
202	100		
101	8.5	0.0	28.5
203	17.1	0.0	37.3



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.827 min Scan# 3203
Delta R.T. -0.000 min
Lab File: BM027674.D
Acq: 02 Nov 2020 13:05

Tgt Ion:	240	Resp:	148988
Ion Ratio	Lower	Upper	
240	100		
120	8.2	6.4	9.6
236	25.4	20.1	30.1





#77

Benzidine

Concen: 8.69 ng

RT: 19.903 min Scan# 2876

Delta R.T. -0.000 min

Lab File: BM027674.D

Acq: 02 Nov 2020 13:05

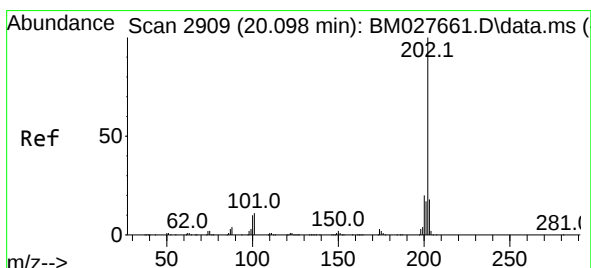
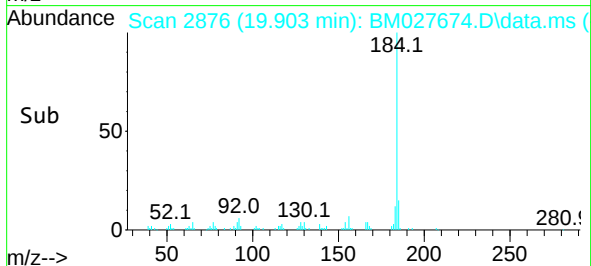
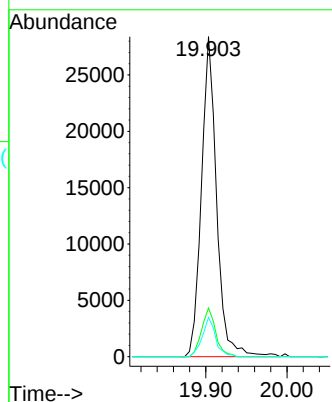
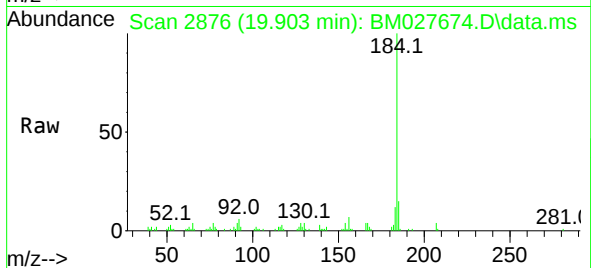
Tgt Ion:184 Resp: 36838

Ion Ratio Lower Upper

184 100

185 15.2 11.0 16.6

183 12.3 9.7 14.5



#78

Pyrene

Concen: 8.72 ng

RT: 20.097 min Scan# 2909

Delta R.T. -0.000 min

Lab File: BM027674.D

Acq: 02 Nov 2020 13:05

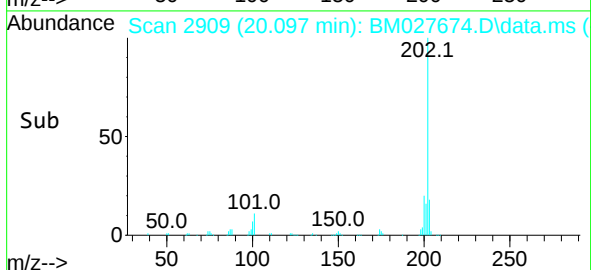
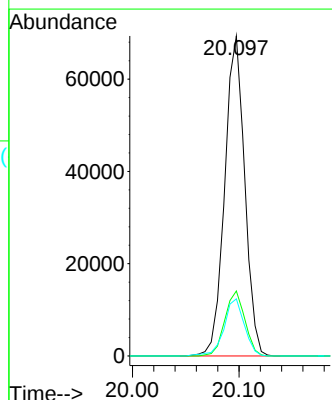
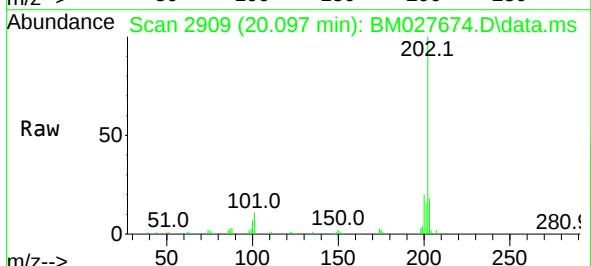
Tgt Ion:202 Resp: 90149

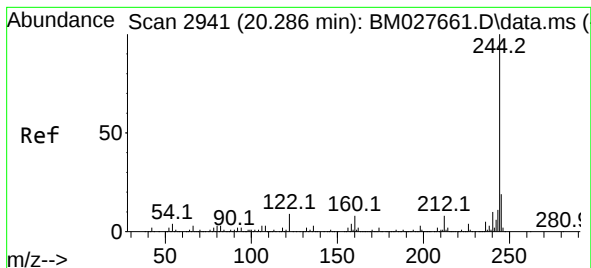
Ion Ratio Lower Upper

202 100

200 20.3 16.6 24.8

203 17.9 13.8 20.6

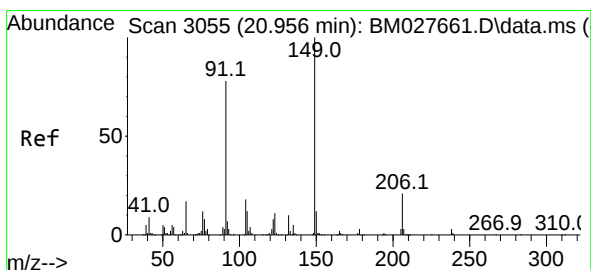
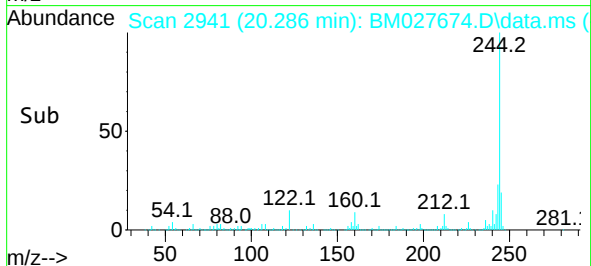
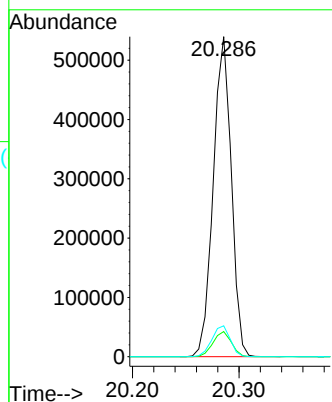
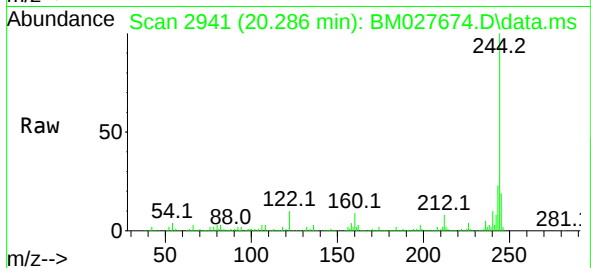




#79
 Terphenyl-d14
 Concen: 83.85 ng
 RT: 20.286 min Scan# 2941
 Delta R.T. -0.000 min
 Lab File: BM027674.D
 Acq: 02 Nov 2020 13:05

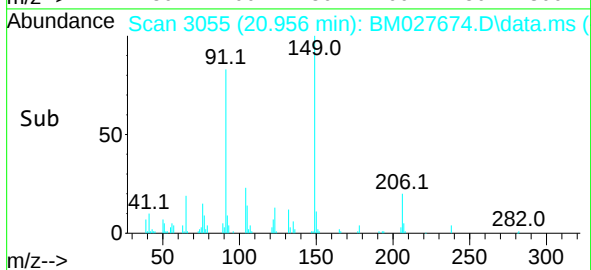
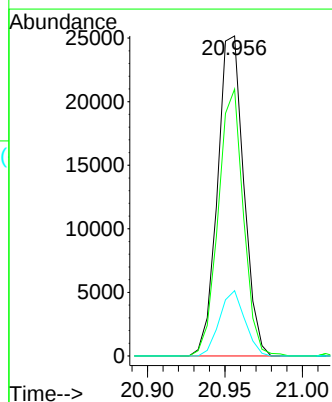
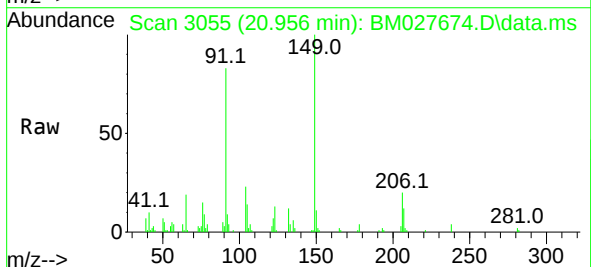
Instrument :
 BNA_M
 ClientSampleId :
 LOQ-SOIL-02-QT4-2020

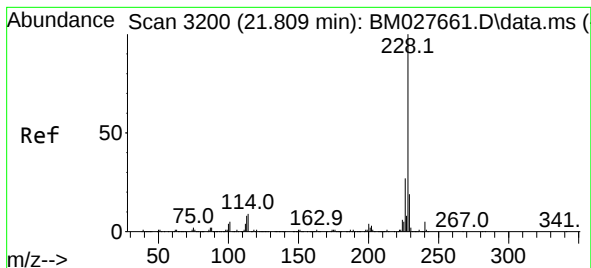
Tgt Ion:244 Resp: 633272
 Ion Ratio Lower Upper
 244 100
 212 7.9 5.8 8.8
 122 9.7 6.5 9.7



#80
 Butylbenzylphthalate
 Concen: 7.57 ng
 RT: 20.956 min Scan# 3055
 Delta R.T. -0.000 min
 Lab File: BM027674.D
 Acq: 02 Nov 2020 13:05

Tgt Ion:149 Resp: 29593
 Ion Ratio Lower Upper
 149 100
 91 83.4 58.1 87.1
 206 20.4 18.7 28.1

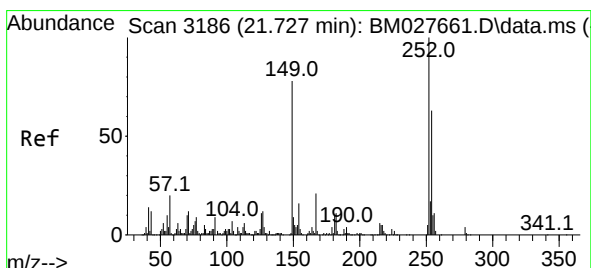
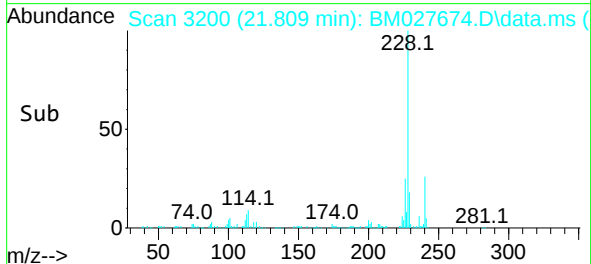
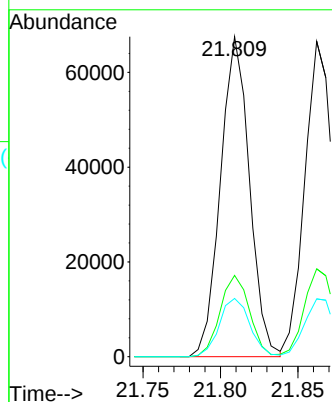
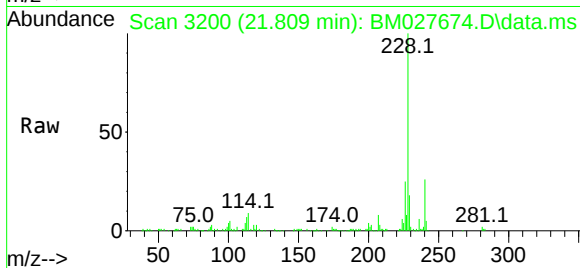




#81
Benzo(a)anthracene
Concen: 8.73 ng
RT: 21.809 min Scan# 3200
Delta R.T. -0.000 min
Lab File: BM027674.D
Acq: 02 Nov 2020 13:05

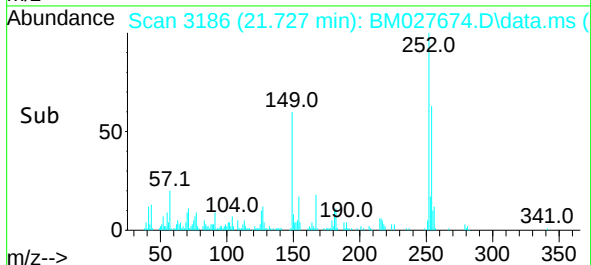
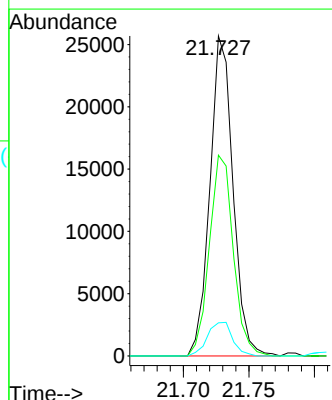
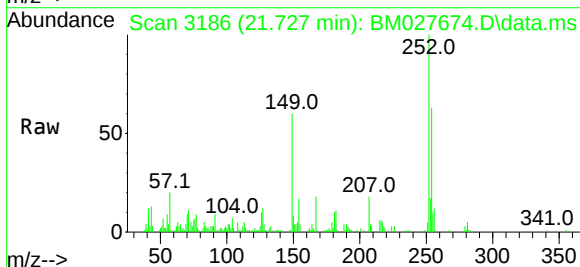
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT4-2020

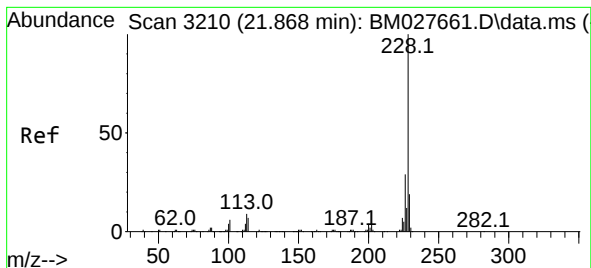
Tgt Ion:228 Resp: 87813
Ion Ratio Lower Upper
228 100
226 25.4 21.1 31.7
229 18.2 15.7 23.5



#82
3,3'-Dichlorobenzidine
Concen: 9.11 ng
RT: 21.727 min Scan# 3186
Delta R.T. -0.000 min
Lab File: BM027674.D
Acq: 02 Nov 2020 13:05

Tgt Ion:252 Resp: 31431
Ion Ratio Lower Upper
252 100
254 62.7 51.4 77.0
126 10.4 6.8 10.2#





#83

Chrysene

Concen: 8.79 ng

RT: 21.862 min Scan# 3209

Delta R.T. -0.006 min

Lab File: BM027674.D

Acq: 02 Nov 2020 13:05

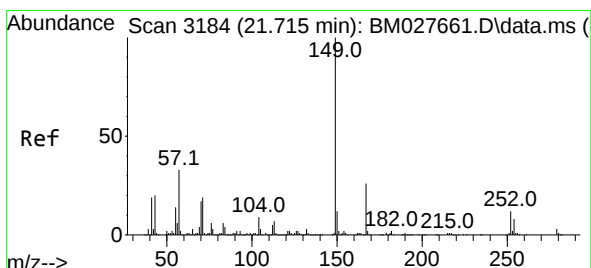
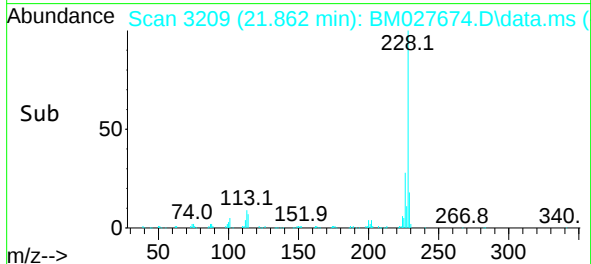
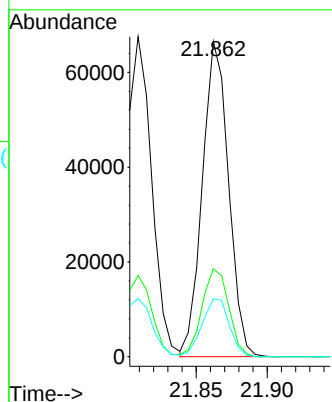
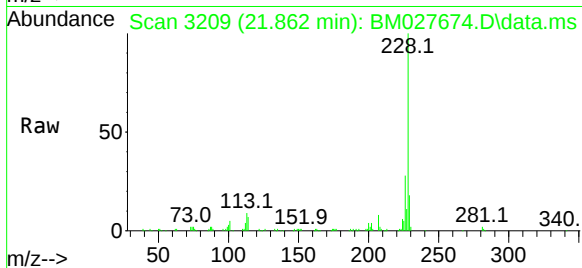
Tgt Ion:	228	Resp:	85250
Ion	Ratio	Lower	Upper
228	100		
226	27.9	23.4	35.0
229	18.3	15.7	23.5

Instrument :

BNA_M

ClientSampleId :

LOQ-SOIL-02-QT4-2020



#84

Bis(2-ethylhexyl)phthalate

Concen: 8.72 ng

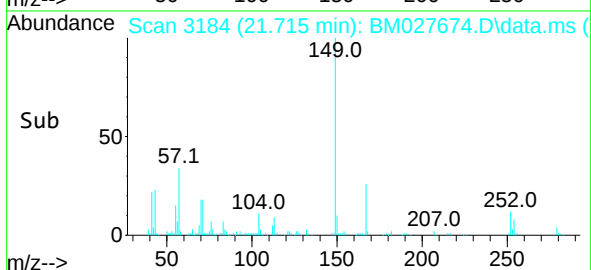
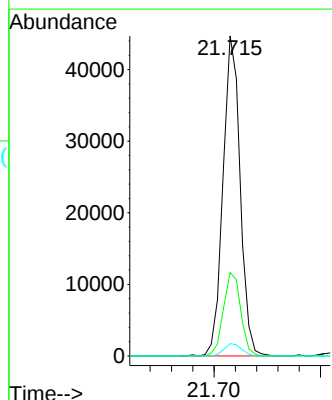
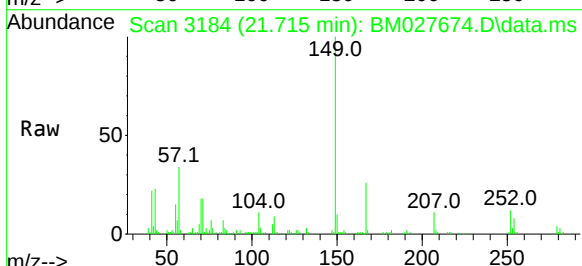
RT: 21.715 min Scan# 3184

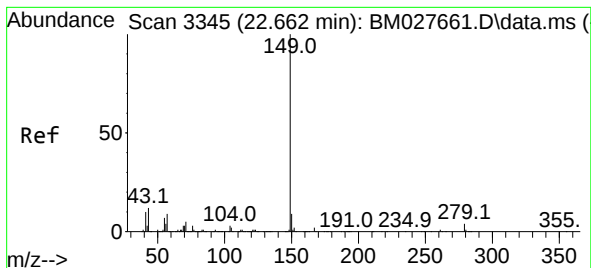
Delta R.T. -0.000 min

Lab File: BM027674.D

Acq: 02 Nov 2020 13:05

Tgt Ion:	149	Resp:	49855
Ion	Ratio	Lower	Upper
149	100		
167	26.1	22.7	34.1
279	3.8	4.0	6.0#

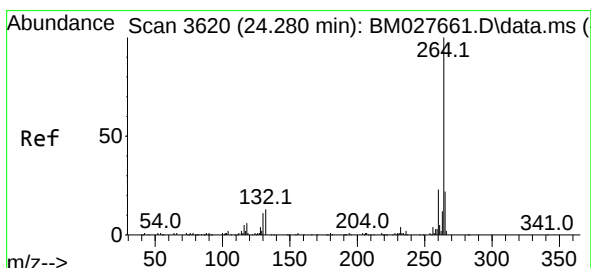
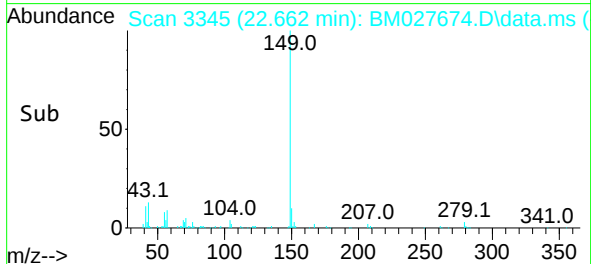
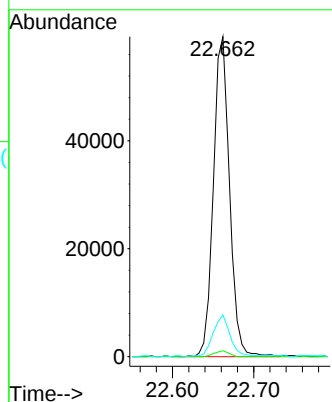
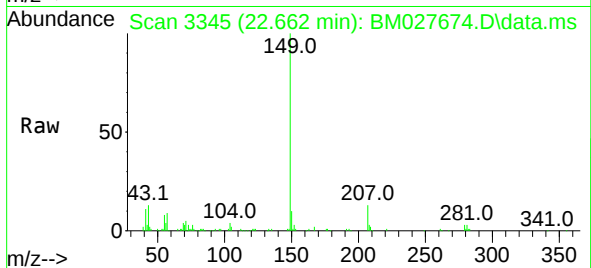




#85
Di-n-octyl phthalate
Concen: 8.48 ng
RT: 22.662 min Scan# 3345
Delta R.T. -0.000 min
Lab File: BM027674.D
Acq: 02 Nov 2020 13:05

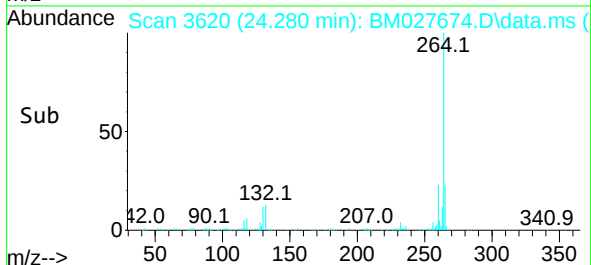
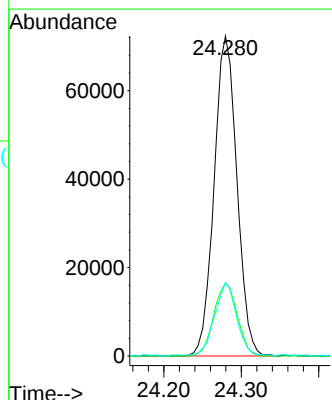
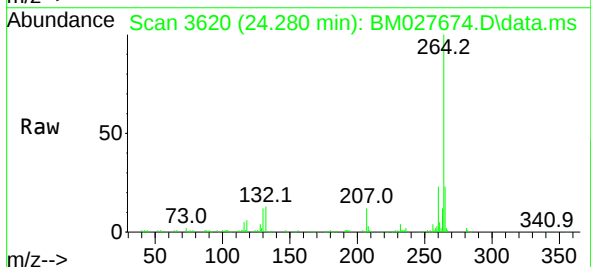
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT4-2020

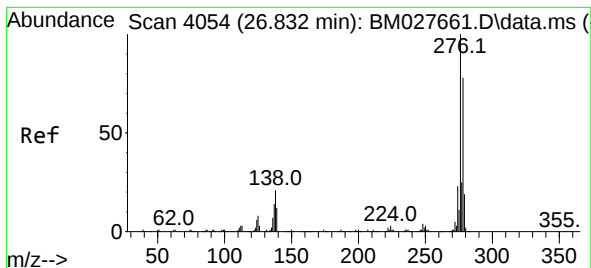
Tgt Ion:149 Resp: 81781
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 14.0 5.8 8.6#



#86
Perylene-d12
Concen: 20.00 ng
RT: 24.280 min Scan# 3620
Delta R.T. -0.000 min
Lab File: BM027674.D
Acq: 02 Nov 2020 13:05

Tgt Ion:264 Resp: 147978
Ion Ratio Lower Upper
264 100
260 22.9 19.0 28.4
265 22.9 17.7 26.5





#87

Indeno(1,2,3-cd)pyrene

Concen: 8.66 ng

RT: 26.826 min Scan# 4053

Delta R.T. -0.006 min

Lab File: BM027674.D

Acq: 02 Nov 2020 13:05

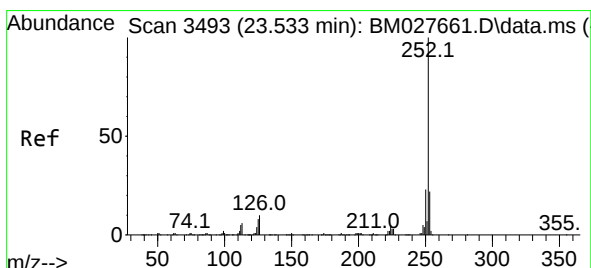
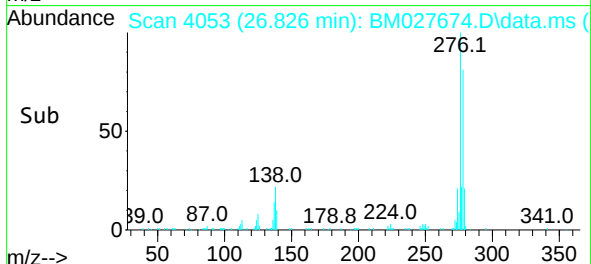
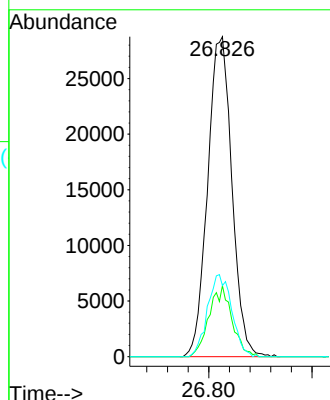
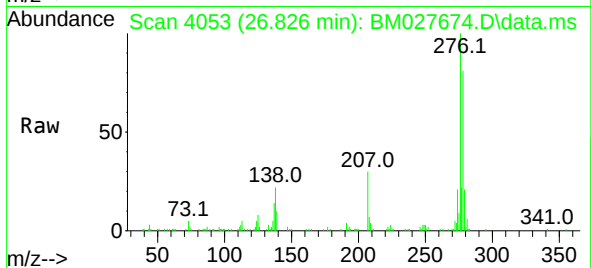
Tgt Ion:	276	Resp:	93694
Ion Ratio	Lower	Upper	
276	100		
138	10.6	14.2	21.4#
277	25.6	19.8	29.8

Instrument :

BNA_M

ClientSampleId :

LOQ-SOIL-02-QT4-2020



#88

Benzo(b)fluoranthene

Concen: 8.90 ng

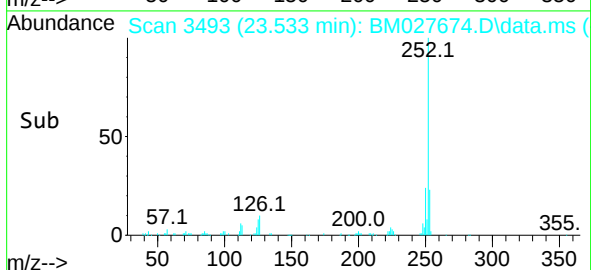
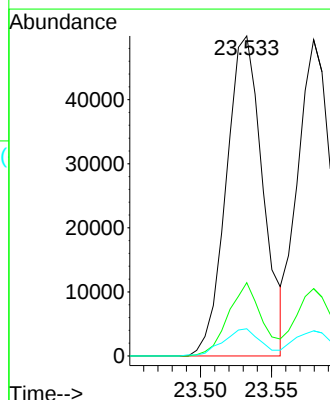
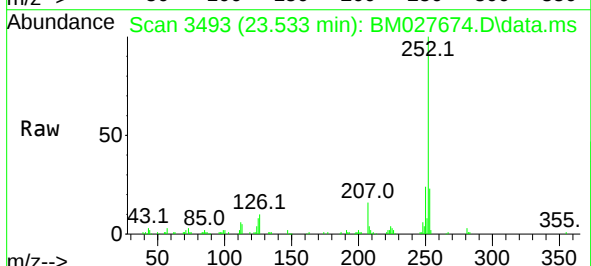
RT: 23.533 min Scan# 3493

Delta R.T. -0.000 min

Lab File: BM027674.D

Acq: 02 Nov 2020 13:05

Tgt Ion:	252	Resp:	89797
Ion Ratio	Lower	Upper	
252	100		
253	22.9	17.4	26.0
125	8.5	5.7	8.5

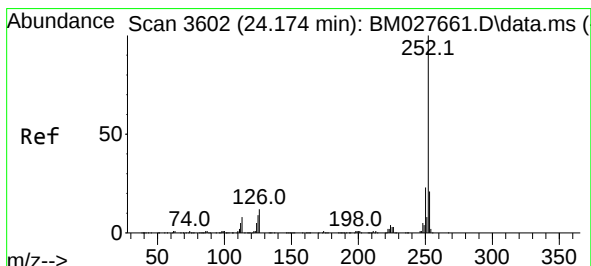
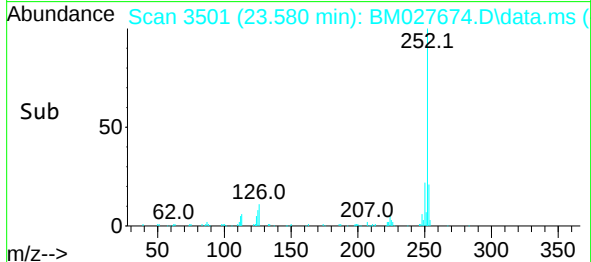
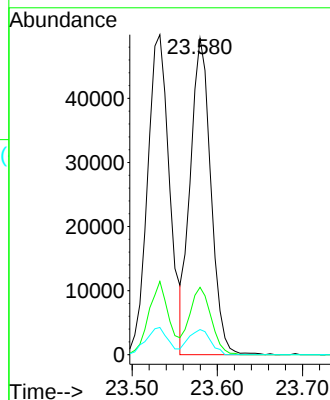
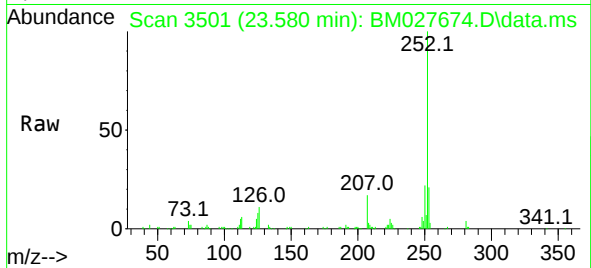




#89
Benzo(k)fluoranthene
Concen: 8.60 ng
RT: 23.580 min Scan# 3501
Delta R.T. -0.006 min
Lab File: BM027674.D
Acq: 02 Nov 2020 13:05

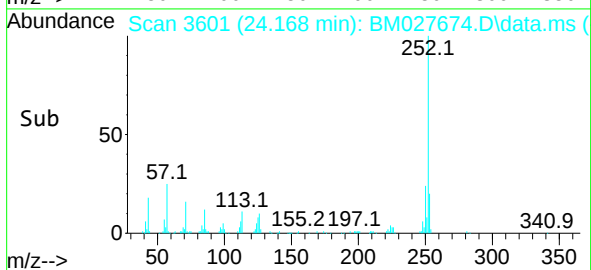
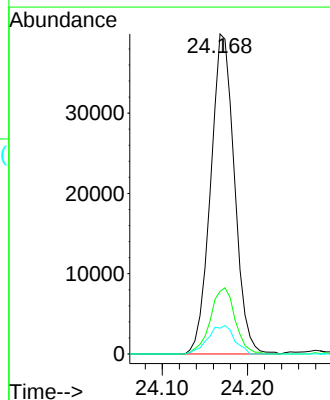
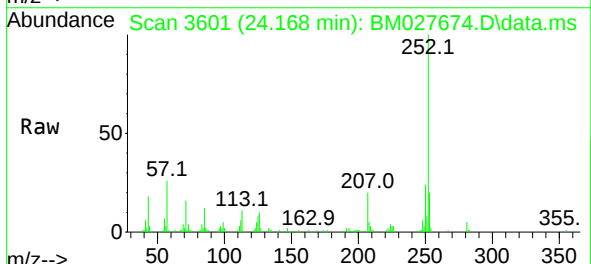
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT4-2020

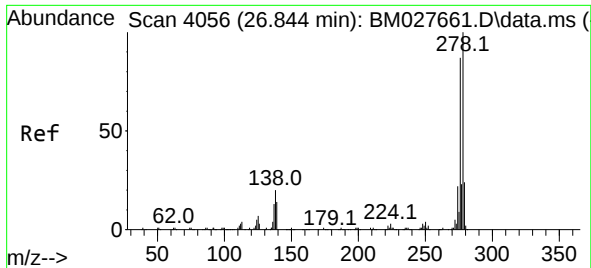
Tgt Ion:252 Resp: 82573
Ion Ratio Lower Upper
252 100
253 21.3 17.4 26.0
125 8.0 5.6 8.4



#90
Benzo(a)pyrene
Concen: 8.31 ng
RT: 24.168 min Scan# 3601
Delta R.T. -0.006 min
Lab File: BM027674.D
Acq: 02 Nov 2020 13:05

Tgt Ion:252 Resp: 77320
Ion Ratio Lower Upper
252 100
253 19.6 17.4 26.2
125 8.1 6.6 9.8

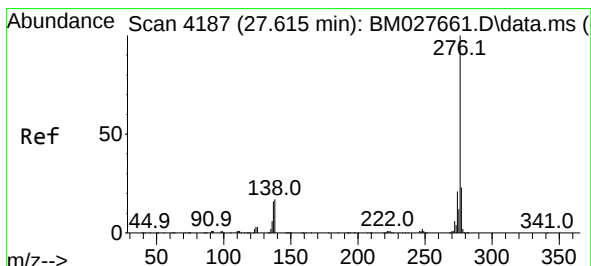
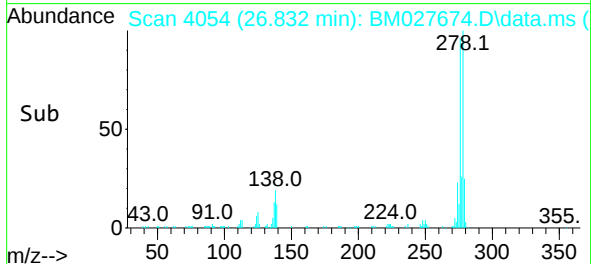
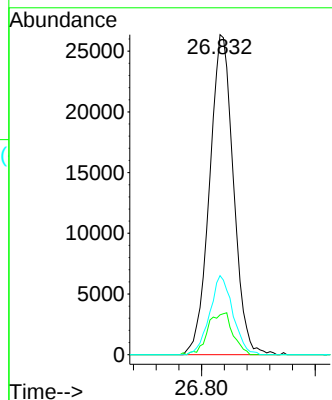
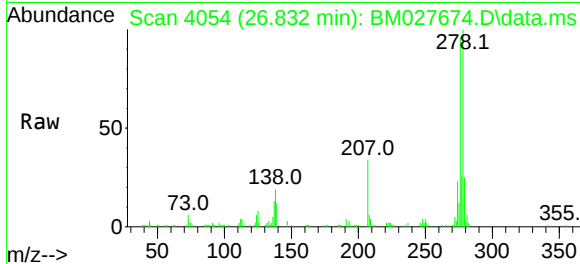




#91
Dibenzo(a,h)anthracene
Concen: 8.69 ng
RT: 26.832 min Scan# 4054
Delta R.T. -0.012 min
Lab File: BM027674.D
Acq: 02 Nov 2020 13:05

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

Tgt Ion:	278	Resp:	76869
Ion	Ratio	Lower	Upper
278	100		
139	12.5	9.0	13.6
279	24.7	19.0	28.4



#92
Benzo(g,h,i)perylene
Concen: 8.84 ng
RT: 27.597 min Scan# 4184
Delta R.T. -0.018 min
Lab File: BM027674.D
Acq: 02 Nov 2020 13:05

Tgt Ion:	276	Resp:	76493
Ion	Ratio	Lower	Upper
276	100		
277	24.5	18.6	28.0
138	14.9	12.2	18.2

