

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110220\
 Data File : BM027673.D
 Acq On : 02 Nov 2020 12:28
 Operator : JU/CG
 Sample : L4214-02
 Misc : LOQ-SOIL 5PPM
 ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: Nov 02 13:56:00 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	28510	20.00	ng	0.00
21) Naphthalene-d8	11.245	136	102464	20.00	ng	# 0.00
39) Acenaphthene-d10	15.010	164	63604	20.00	ng	0.00
64) Phenanthrene-d10	17.727	188	139743	20.00	ng	0.00
76) Chrysene-d12	21.827	240	132243	20.00	ng	0.00
86) Perylene-d12	24.280	264	132587	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.869	112	257960	142.96	ng	0.00
7) Phenol-d6	7.522	99	339107	133.72	ng	0.00
23) Nitrobenzene-d5	9.581	82	255166	113.61	ng	0.00
42) 2,4,6-Tribromophenol	16.480	330	122694	161.55	ng	0.00
45) 2-Fluorobiphenyl	13.651	172	510115	114.44	ng	0.00
79) Terphenyl-d14	20.286	244	771369	115.06	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.575	88	3702	4.78	ng	# 64
3) Pyridine	4.028	79	9650	4.34	ng	# 51
4) n-Nitrosodimethylamine	3.922	42	6744	4.90	ng	# 41
6) Aniline	7.704	93	13699	4.79	ng	# 94
8) 2-Chlorophenol	7.951	128	8574	4.73	ng	92
9) Benzaldehyde	7.510	77	10140	7.76	ng	88
10) Phenol	7.546	94	11697	4.88	ng	89
11) bis(2-Chloroethyl)ether	7.798	93	9210	5.00	ng	95
12) 1,3-Dichlorobenzene	8.293	146	10427	4.72	ng	91
13) 1,4-Dichlorobenzene	8.440	146	10518	4.73	ng	87
14) 1,2-Dichlorobenzene	8.763	146	9899	4.68	ng	96
15) Benzyl Alcohol	8.634	79	9655	4.76	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.940	45	13934	4.73	ng	73
17) 2-Methylphenol	8.828	107	7436	4.61	ng	93
18) Hexachloroethane	9.510	117	4069	4.62	ng	92
19) n-Nitroso-di-n-propyla...	9.204	70	7866	4.74	ng	# 67
20) 3+4-Methylphenols	9.157	107	9784	4.56	ng	95
22) Acetophenone	9.228	105	15290	5.25	ng	# 82
24) Nitrobenzene	9.622	77	13210	5.72	ng	95
25) Isophorone	10.145	82	20245	5.20	ng	97
26) 2-Nitrophenol	10.339	139	3561	4.68	ng	96
27) 2,4-Dimethylphenol	10.387	122	10461	7.01	ng	# 80
28) bis(2-Chloroethoxy)met...	10.622	93	11805	5.03	ng	95
29) 2,4-Dichlorophenol	10.869	162	7390	4.58	ng	98
30) 1,2,4-Trichlorobenzene	11.098	180	9743	4.95	ng	# 96
31) Naphthalene	11.292	128	28013	5.17	ng	# 94
32) Benzoic acid	10.387	122	10461	11.91	ng	# 14
33) 4-Chloroaniline	11.386	127	11190	4.70	ng	93
34) Hexachlorobutadiene	11.575	225	6359	4.99	ng	# 88
35) Caprolactam	12.110	113	2221	4.13	ng	# 44
36) 4-Chloro-3-methylphenol	12.469	107	8973	4.78	ng	95
37) 2-Methylnaphthalene	12.875	142	19733	5.14	ng	94
38) 1-Methylnaphthalene	13.092	142	18143	4.98	ng	90
40) 1,2,4,5-Tetrachloroben...	13.233	216	10797	5.37	ng	97
41) Hexachlorocyclopentadiene	13.216	237	5636	5.15	ng	98
43) 2,4,6-Trichlorophenol	13.457	196	5829	4.46	ng	89

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 ALS Vial : 7 Sample Multiplier: 1

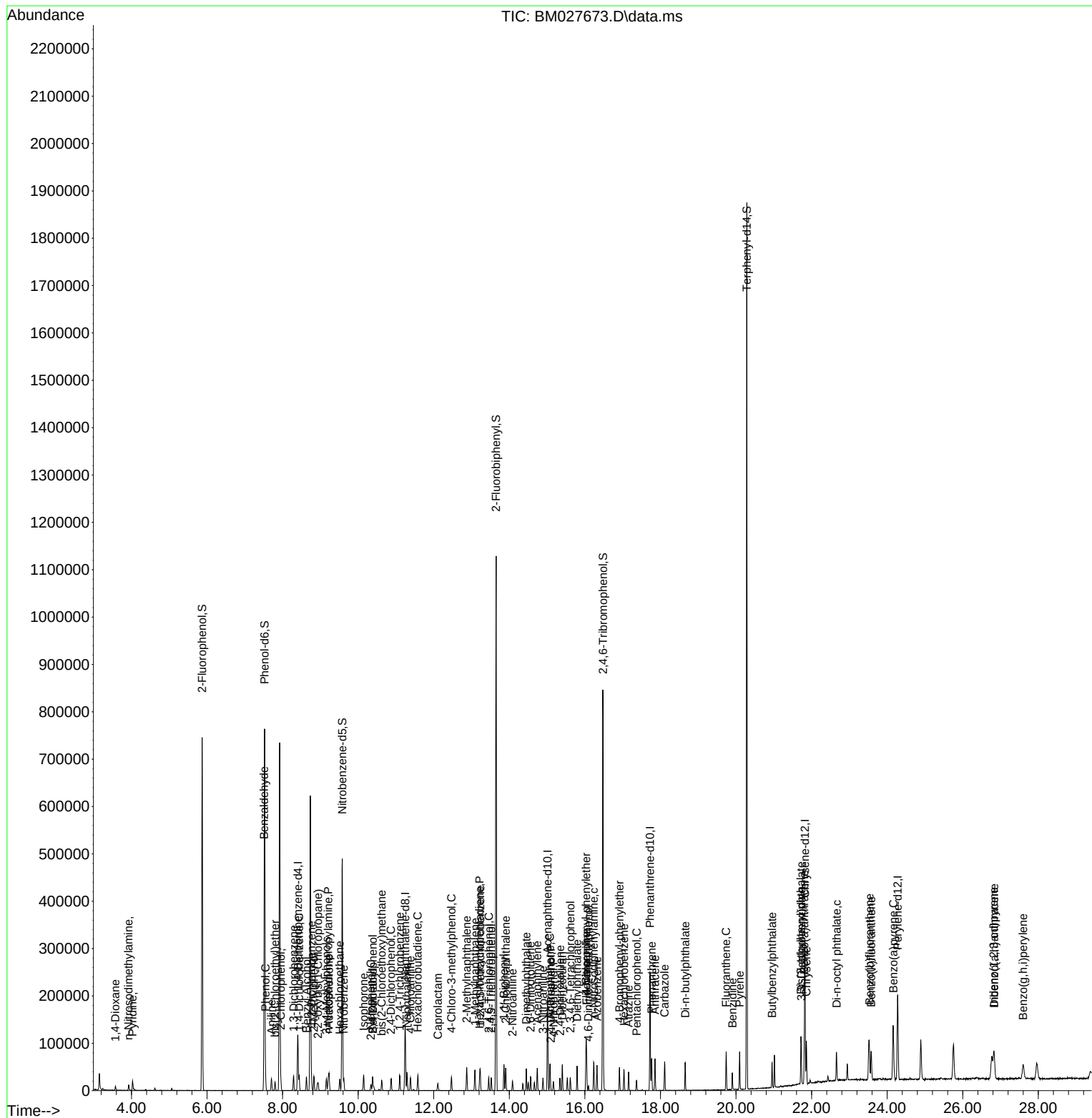
Instrument :
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 ClientSampleId :
 LOQ-SOIL-02-QT4-2020

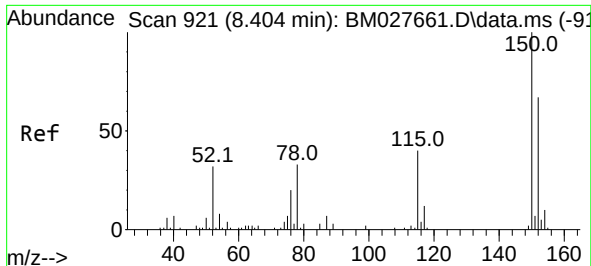
Quant Time: Nov 02 13:56:00 2020
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 QLast Update : Mon Nov 02 13:50:31 2020
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.522	196	6286	4.49	ng	# 89
46) 1,1'-Biphenyl	13.857	154	25868	5.32	ng	93
47) 2-Chloronaphthalene	13.904	162	20114	5.00	ng	93
48) 2-Nitroaniline	14.086	65	5209	3.85	ng	# 84
49) Acenaphthylene	14.739	152	30055	4.94	ng	99
50) Dimethylphthalate	14.451	163	25223	4.95	ng	# 98
51) 2,6-Dinitrotoluene	14.563	165	4516	4.51	ng	# 81
52) Acenaphthene	15.074	154	19487	4.89	ng	99
53) 3-Nitroaniline	14.892	138	4788	4.22	ng	# 93
54) 2,4-Dinitrophenol	15.098	184	1667	3.94	ng	# 84
55) Dibenzofuran	15.404	168	30600	5.16	ng	98
56) 4-Nitrophenol	15.169	139	3552	3.86	ng	92
57) 2,4-Dinitrotoluene	15.345	165	5553	4.09	ng	# 87
58) Fluorene	16.045	166	24637	5.07	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.616	232	5540	4.51	ng	# 92
60) Diethylphthalate	15.792	149	25407	4.89	ng	94
61) 4-Chlorophenyl-phenyle...	16.033	204	12313	4.92	ng	91
62) 4-Nitroaniline	16.039	138	4797	3.73	ng	86
63) Azobenzene	16.321	77	27682	5.14	ng	86
65) 4,6-Dinitro-2-methylph...	16.092	198	2516	4.47	ng	87
66) n-Nitrosodiphenylamine	16.233	169	21200	5.03	ng	92
67) 4-Bromophenyl-phenylether	16.916	248	7161	4.79	ng	# 82
68) Hexachlorobenzene	17.039	284	8380	4.83	ng	96
69) Atrazine	17.157	200	6923	4.85	ng	98
70) Pentachlorophenol	17.368	266	4089	4.35	ng	96
71) Phenanthrene	17.768	178	38419	4.87	ng	98
72) Anthracene	17.857	178	39352	5.10	ng	96
73) Carbazole	18.110	167	35657	4.87	ng	97
74) Di-n-butylphthalate	18.657	149	39597	4.60	ng	98
75) Fluoranthene	19.739	202	43785	4.72	ng	100
77) Benzidine	19.904	184	19393	5.15	ng	# 95
78) Pyrene	20.098	202	46082	5.02	ng	96
80) Butylbenzylphthalate	20.956	149	13774	3.97	ng	96
81) Benzo(a)anthracene	21.809	228	45038	5.05	ng	98
82) 3,3'-Dichlorobenzidine	21.727	252	15010	4.90	ng	# 97
83) Chrysene	21.862	228	42666	4.95	ng	95
84) Bis(2-ethylhexyl)phtha...	21.715	149	23520	4.64	ng	# 98
85) Di-n-octyl phthalate	22.662	149	39416	4.60	ng	# 85
87) Indeno(1,2,3-cd)pyrene	26.821	276	47154	4.86	ng	# 94
88) Benzo(b)fluoranthene	23.533	252	45853	5.07	ng	99
89) Benzo(k)fluoranthene	23.580	252	42868	4.98	ng	99
90) Benzo(a)pyrene	24.168	252	39835	4.78	ng	# 95
91) Dibenzo(a,h)anthracene	26.833	278	40058	5.05	ng	98
92) Benzo(g,h,i)perylene	27.597	276	40225	5.19	ng	98

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

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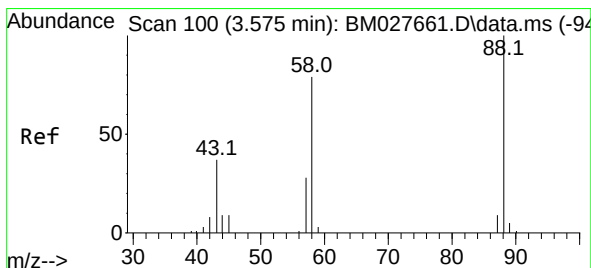
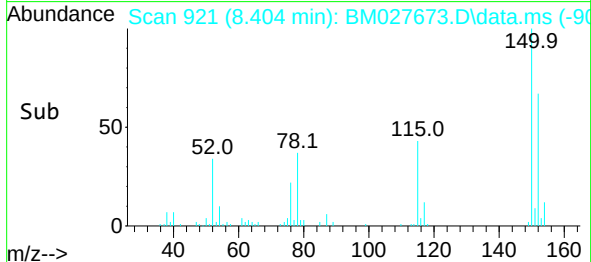
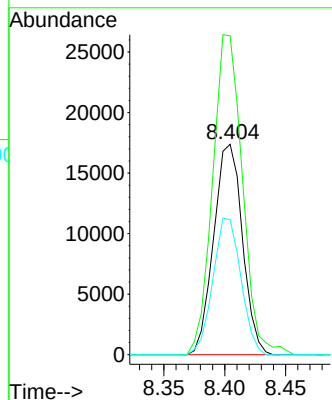
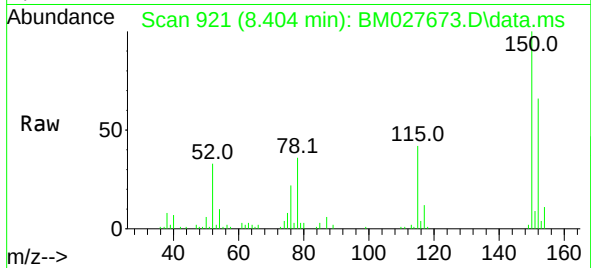




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.404 min Scan# 921
Delta R.T. 0.000 min
Lab File: BM027673.D
Acq: 02 Nov 2020 12:28

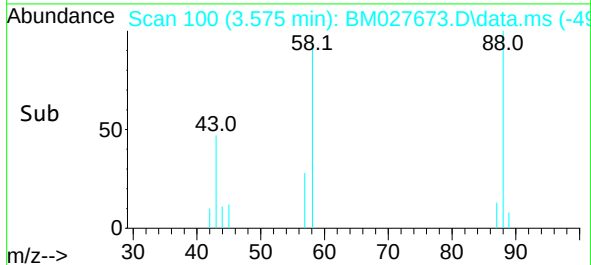
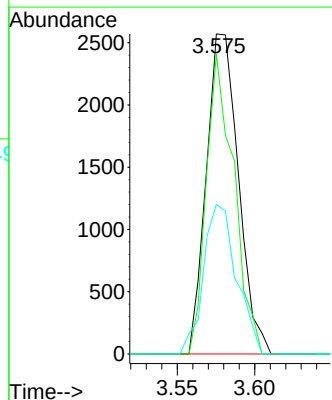
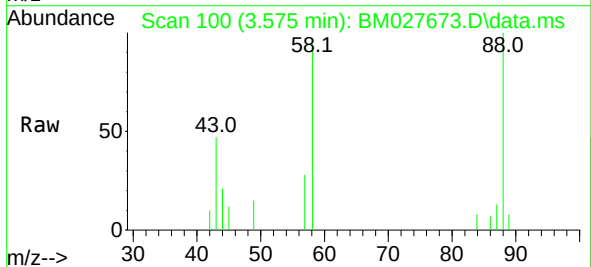
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LOQ-SOIL-02-QT4-2020

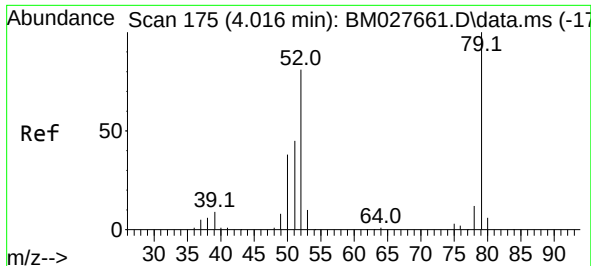
Tgt Ion:152 Resp: 28510
Ion Ratio Lower Upper
152 100
150 151.5 120.6 181.0
115 64.2 47.2 70.8



#2
1,4-Dioxane
Concen: 4.78 ng
RT: 3.575 min Scan# 100
Delta R.T. 0.000 min
Lab File: BM027673.D
Acq: 02 Nov 2020 12:28

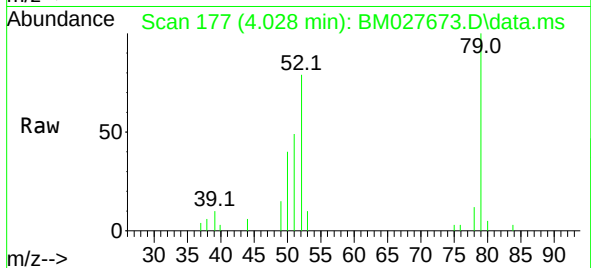
Tgt Ion: 88 Resp: 3702
Ion Ratio Lower Upper
88 100
58 80.4 46.2 69.2#
43 48.1 19.0 28.6#



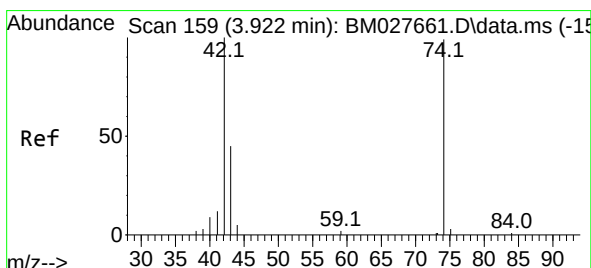
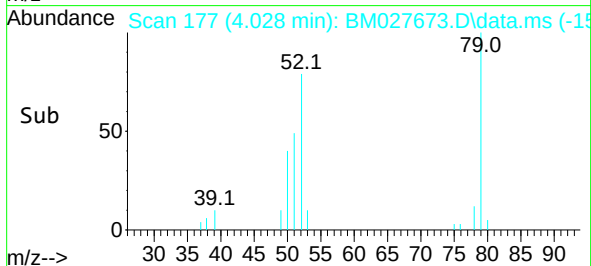
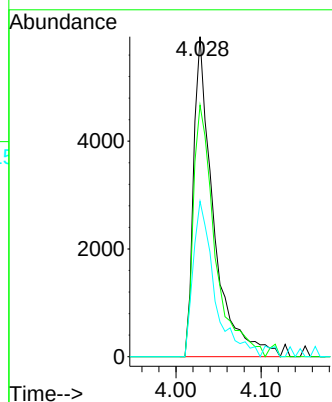


#3
Pyridine
Concen: 4.34 ng
RT: 4.028 min Scan# 177
Delta R.T. 0.012 min
Lab File: BM027673.D
Acq: 02 Nov 2020 12:28

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

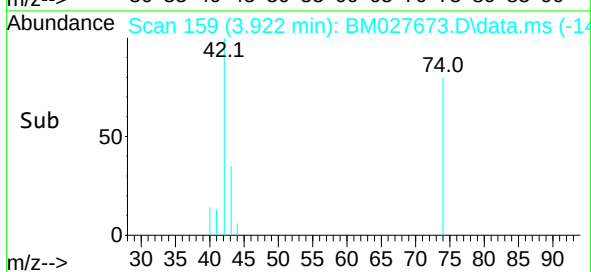
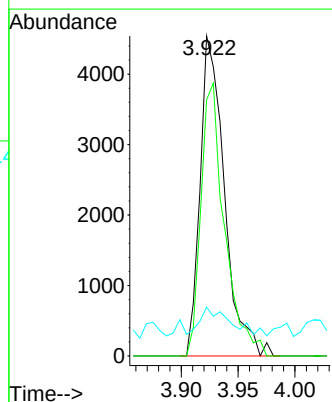
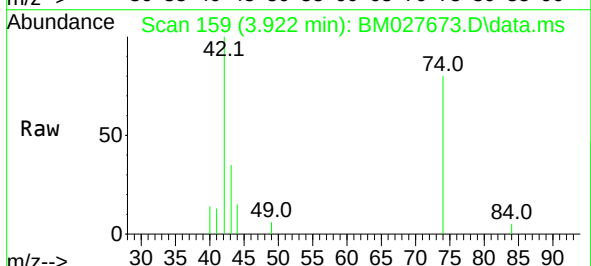


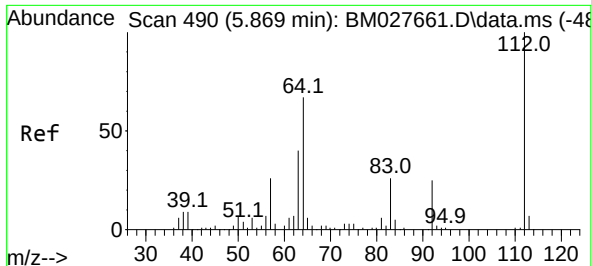
Tgt Ion: 79 Resp: 9650
Ion Ratio Lower Upper
79 100
52 78.6 35.8 53.8#
51 48.6 21.0 31.6#



#4
n-Nitrosodimethylamine
Concen: 4.90 ng
RT: 3.922 min Scan# 159
Delta R.T. 0.000 min
Lab File: BM027673.D
Acq: 02 Nov 2020 12:28

Tgt Ion: 42 Resp: 6744
Ion Ratio Lower Upper
42 100
74 80.1 127.8 191.6#
44 15.3 4.1 6.1#

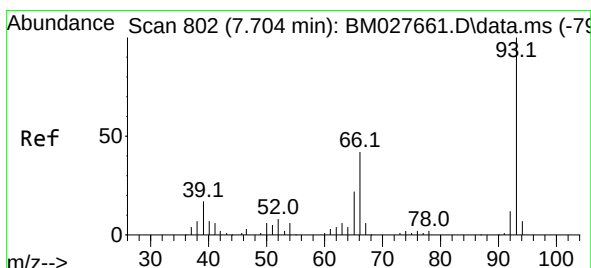
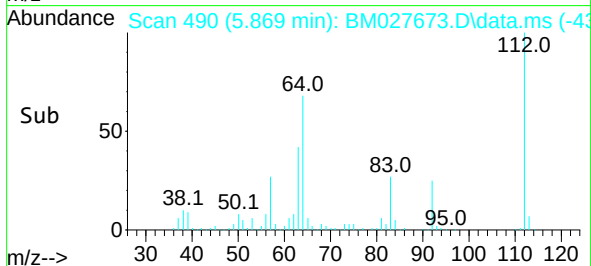
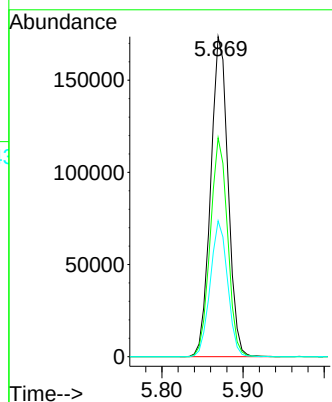
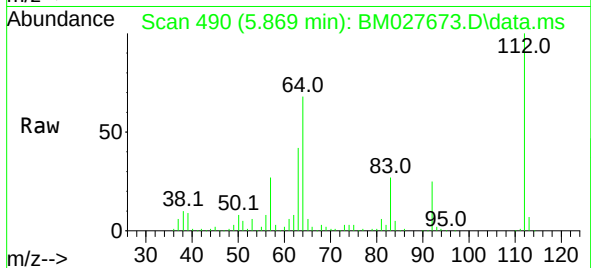




#5
2-Fluorophenol
Concen: 142.96 ng
RT: 5.869 min Scan# 490
Delta R.T. 0.000 min
Lab File: BM027673.D
Acq: 02 Nov 2020 12:28

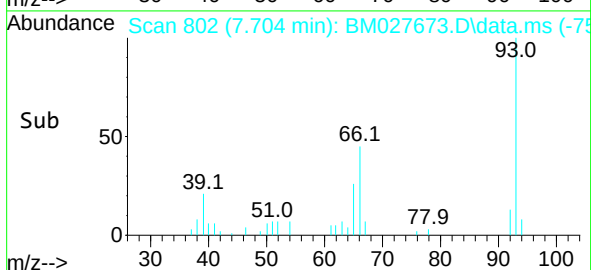
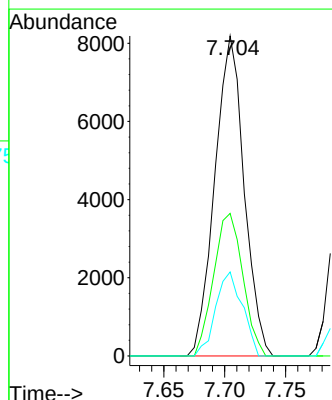
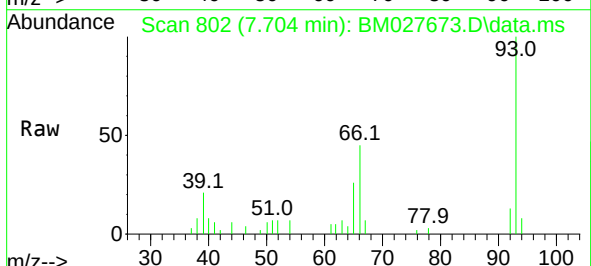
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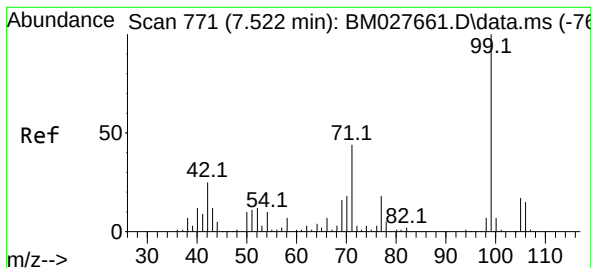
Tgt Ion:	112	Resp:	257960
Ion Ratio	Lower	Upper	
112	100		
64	68.4	50.6	76.0
63	42.4	31.0	46.6



#6
Aniline
Concen: 4.79 ng
RT: 7.704 min Scan# 802
Delta R.T. 0.000 min
Lab File: BM027673.D
Acq: 02 Nov 2020 12:28

Tgt Ion:	93	Resp:	13699
Ion Ratio	Lower	Upper	
93	100		
66	44.5	33.3	49.9
65	26.2	17.4	26.0

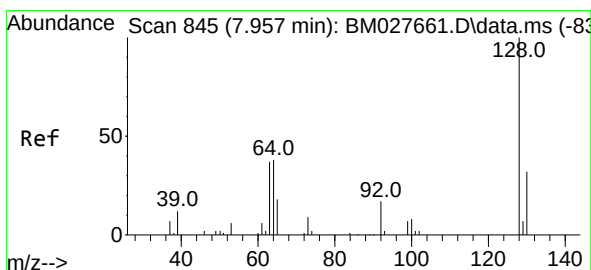
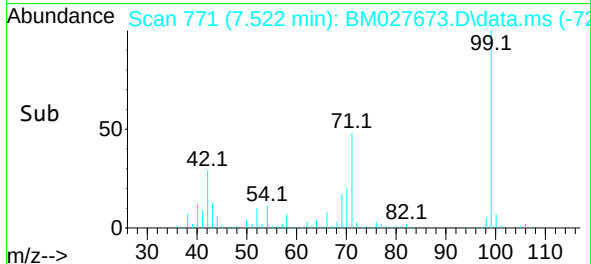
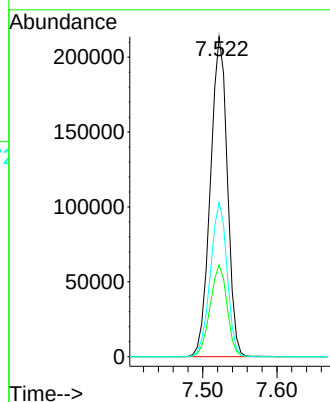
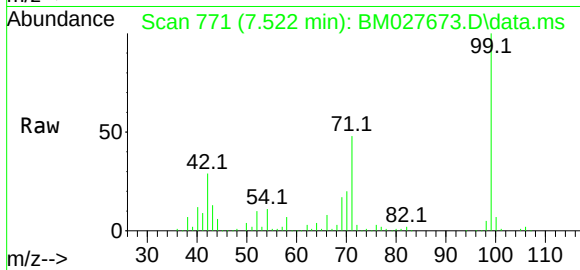




#7
Phenol-d6
Concen: 133.72 ng
RT: 7.522 min Scan# 771
Delta R.T. 0.000 min
Lab File: BM027673.D
Acq: 02 Nov 2020 12:28

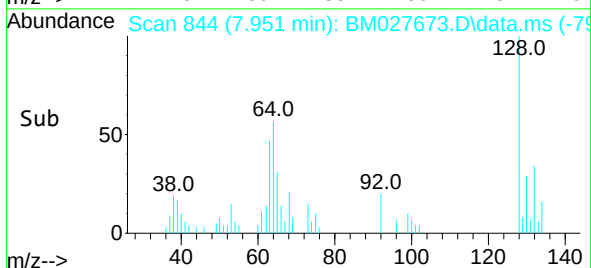
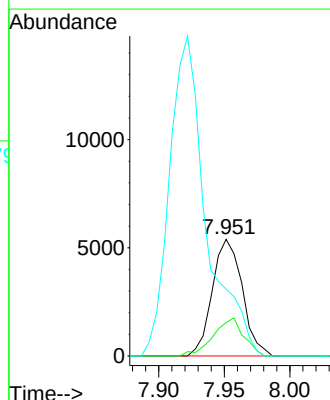
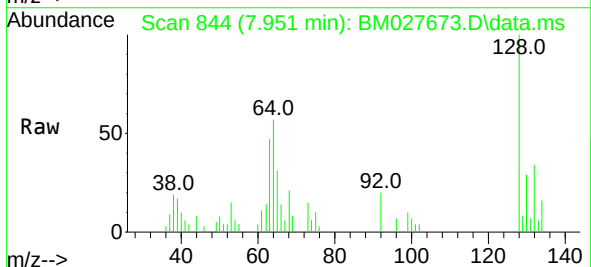
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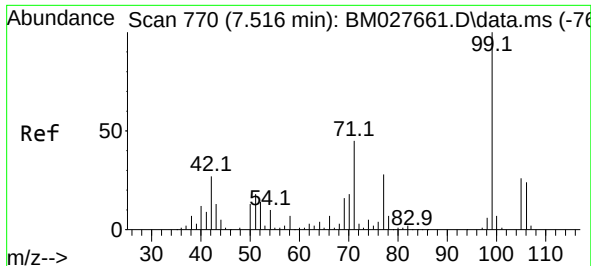
Tgt Ion: 99 Resp: 339107
Ion Ratio Lower Upper
99 100
42 28.7 13.5 20.3#
71 48.3 39.4 59.0



#8
2-Chlorophenol
Concen: 4.73 ng
RT: 7.951 min Scan# 844
Delta R.T. -0.006 min
Lab File: BM027673.D
Acq: 02 Nov 2020 12:28

Tgt Ion:128 Resp: 8574
Ion Ratio Lower Upper
128 100
130 28.6 11.5 51.5
64 57.3 30.1 70.1

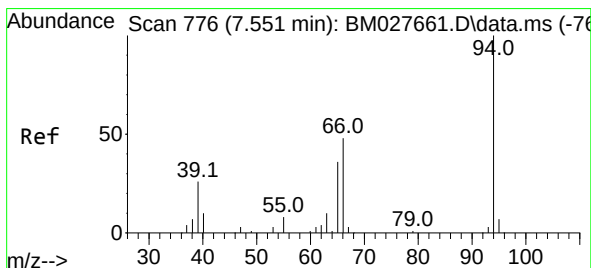
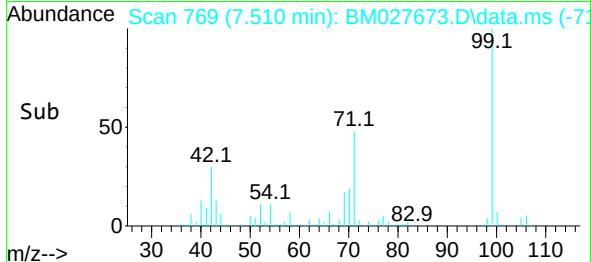
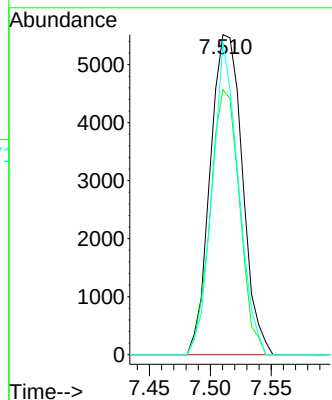
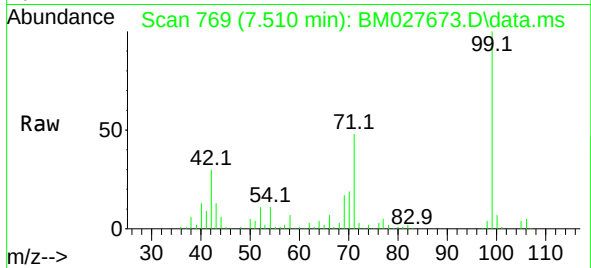




#9
Benzaldehyde
Concen: 7.76 ng
RT: 7.510 min Scan# 769
Delta R.T. -0.006 min
Lab File: BM027673.D
Acq: 02 Nov 2020 12:28

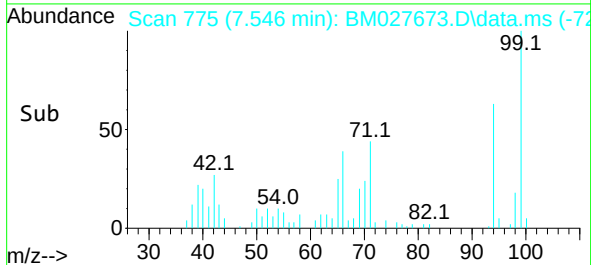
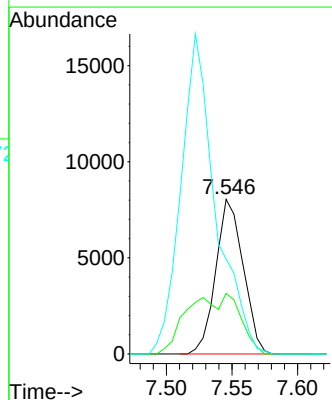
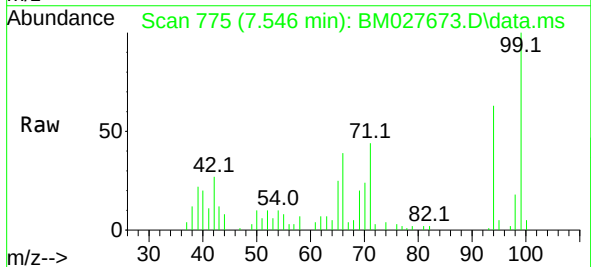
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT4-2020

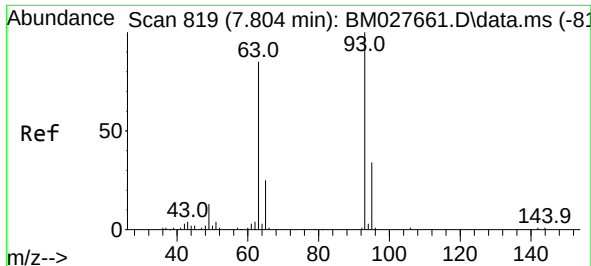
Tgt Ion: 77 Resp: 10140
Ion Ratio Lower Upper
77 100
105 82.9 64.7 104.7
106 97.4 57.5 97.5



#10
Phenol
Concen: 4.88 ng
RT: 7.546 min Scan# 775
Delta R.T. -0.005 min
Lab File: BM027673.D
Acq: 02 Nov 2020 12:28

Tgt Ion: 94 Resp: 11697
Ion Ratio Lower Upper
94 100
65 39.2 16.4 56.4
66 61.4 30.2 70.2

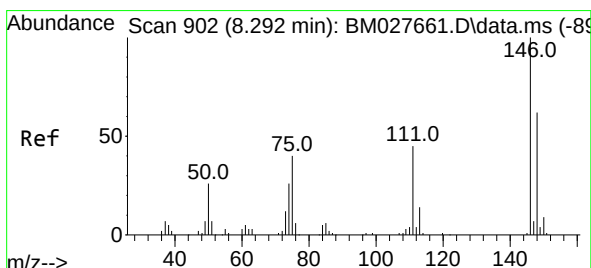
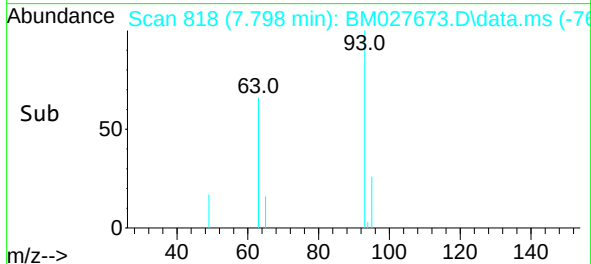
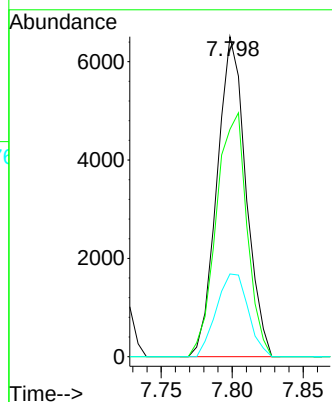
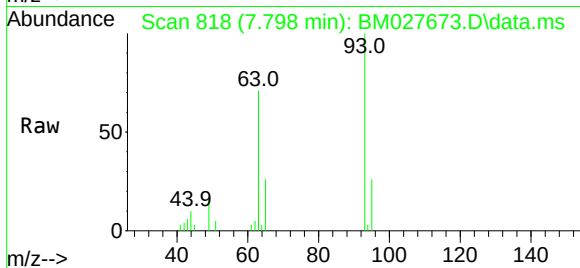




#11
bis(2-Chloroethyl)ether
Concen: 5.00 ng
RT: 7.798 min Scan# 818
Delta R.T. -0.006 min
Lab File: BM027673.D
Acq: 02 Nov 2020 12:28

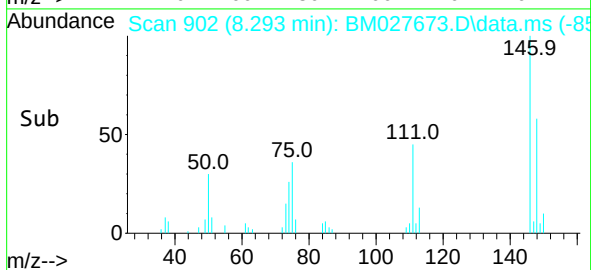
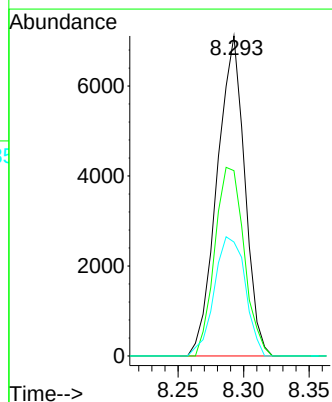
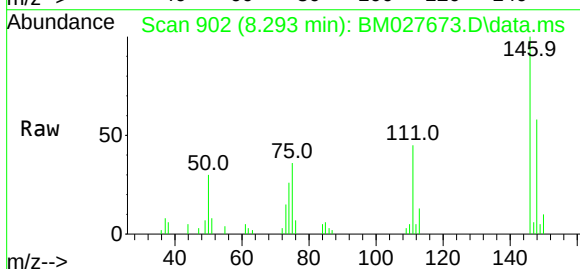
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT4-2020

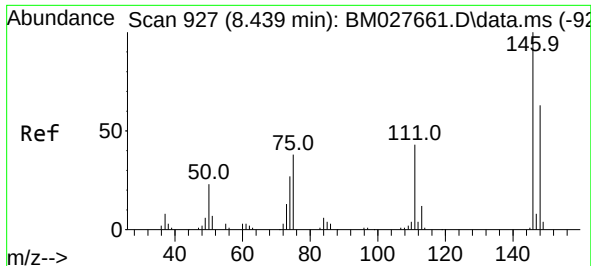
Tgt Ion: 93	Resp:	9210
Ion	Ratio	Lower Upper
93	100	
63	71.1	53.1 93.1
95	25.9	12.1 52.1



#12
1,3-Dichlorobenzene
Concen: 4.72 ng
RT: 8.293 min Scan# 902
Delta R.T. 0.001 min
Lab File: BM027673.D
Acq: 02 Nov 2020 12:28

Tgt Ion: 146	Resp:	10427
Ion	Ratio	Lower Upper
146	100	
148	57.9	51.6 77.4
75	35.6	33.0 49.6

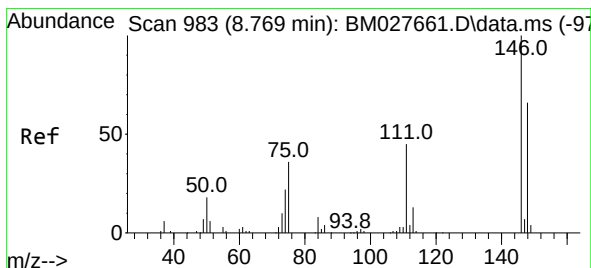
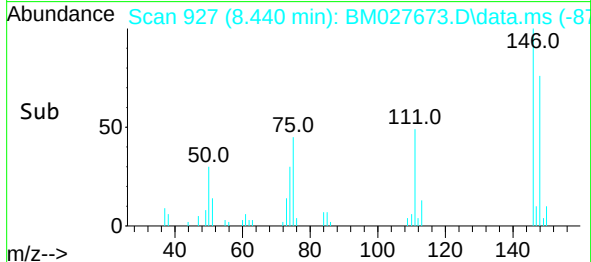
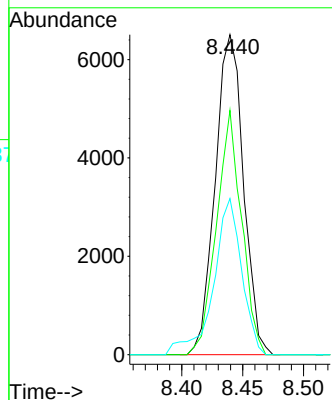
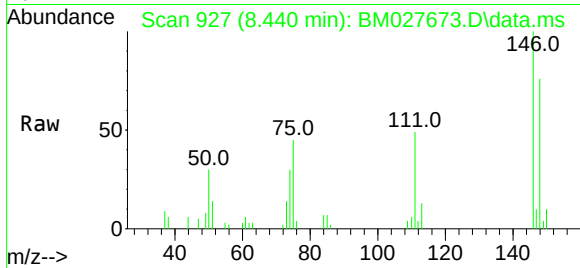




#13
1,4-Dichlorobenzene
Concen: 4.73 ng
RT: 8.440 min Scan# 927
Delta R.T. 0.001 min
Lab File: BM027673.D
Acq: 02 Nov 2020 12:28

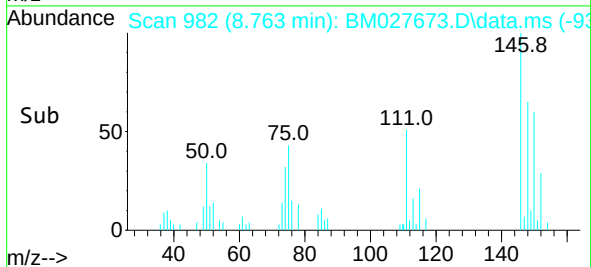
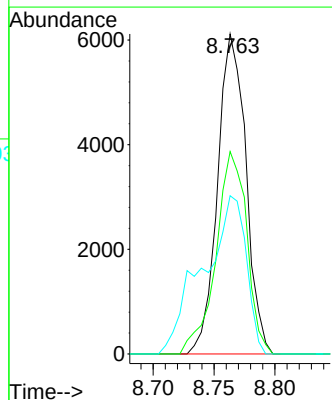
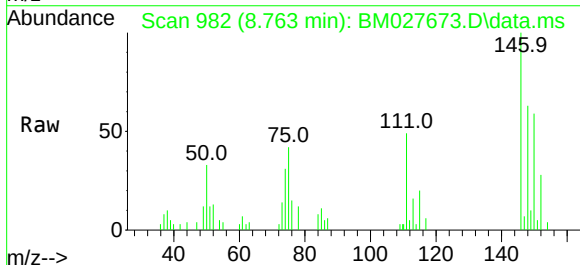
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT4-2020

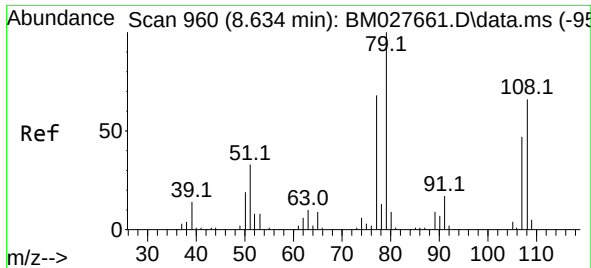
Tgt Ion:146 Resp: 10518
Ion Ratio Lower Upper
146 100
148 76.3 51.4 77.0
111 48.8 34.4 51.6



#14
1,2-Dichlorobenzene
Concen: 4.68 ng
RT: 8.763 min Scan# 982
Delta R.T. -0.006 min
Lab File: BM027673.D
Acq: 02 Nov 2020 12:28

Tgt Ion:146 Resp: 9899
Ion Ratio Lower Upper
146 100
148 63.3 51.3 76.9
111 49.4 35.4 53.0

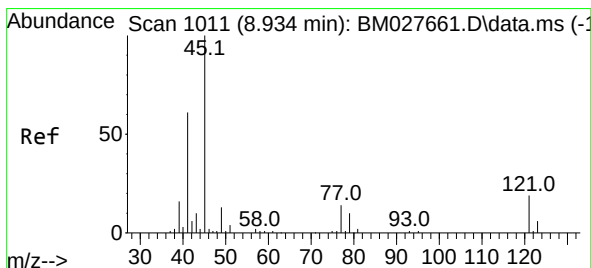
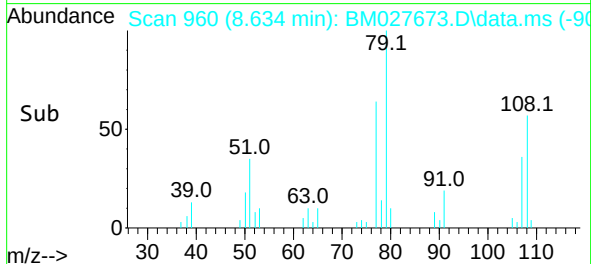
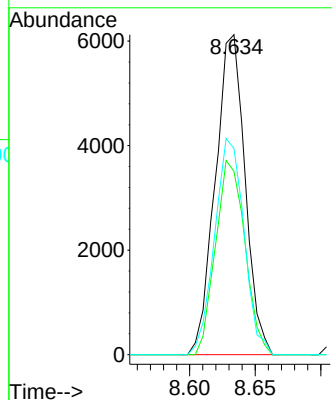
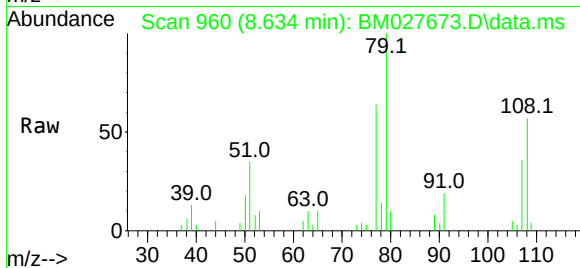




#15
Benzyl Alcohol
Concen: 4.76 ng
RT: 8.634 min Scan# 960
Delta R.T. -0.000 min
Lab File: BM027673.D
Acq: 02 Nov 2020 12:28

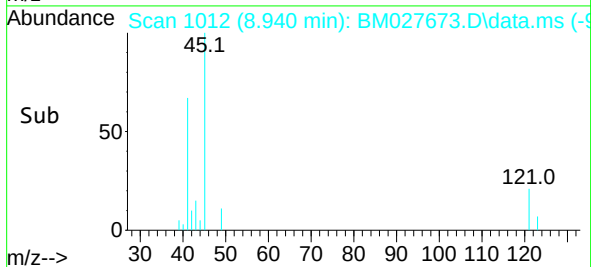
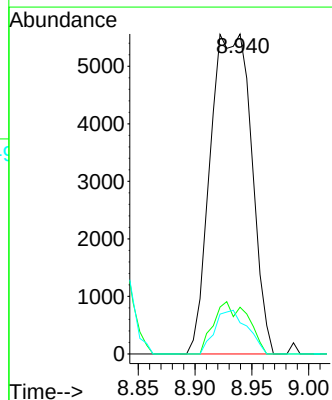
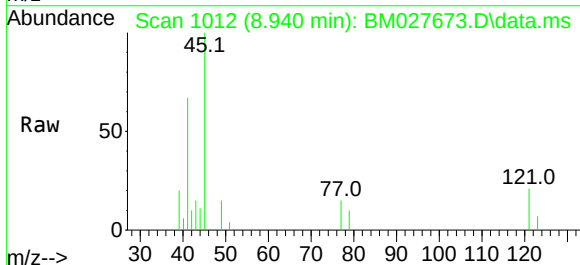
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT4-2020

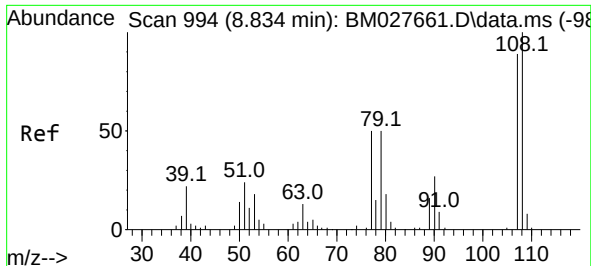
Tgt Ion:	79	Resp:	9655
Ion	Ratio	Lower	Upper
79	100		
108	57.3	49.0	73.4
77	64.4	55.2	82.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 4.73 ng
RT: 8.940 min Scan# 1012
Delta R.T. 0.006 min
Lab File: BM027673.D
Acq: 02 Nov 2020 12:28

Tgt Ion:	45	Resp:	13934
Ion	Ratio	Lower	Upper
45	100		
77	14.6	9.5	49.5
79	9.8	1.8	41.8

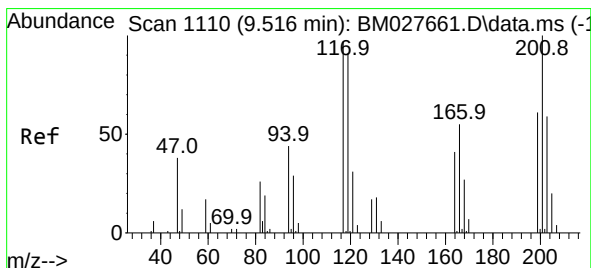
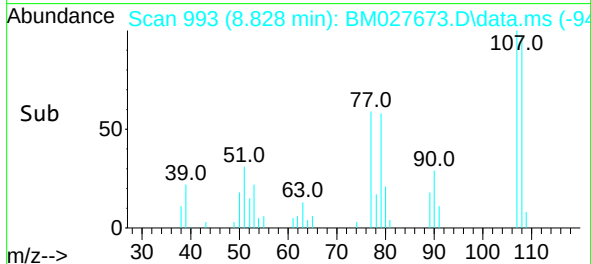
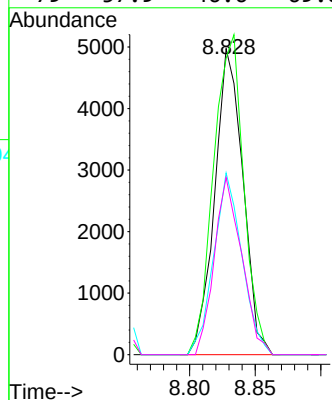
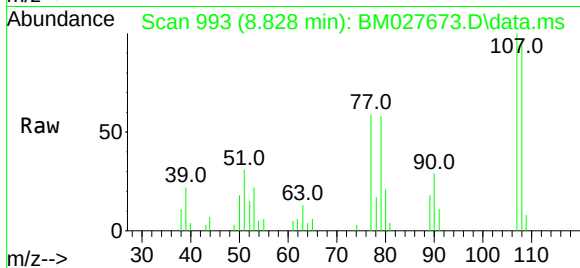




#17
2-Methylphenol
Concen: 4.61 ng
RT: 8.828 min Scan# 993
Delta R.T. -0.006 min
Lab File: BM027673.D
Acq: 02 Nov 2020 12:28

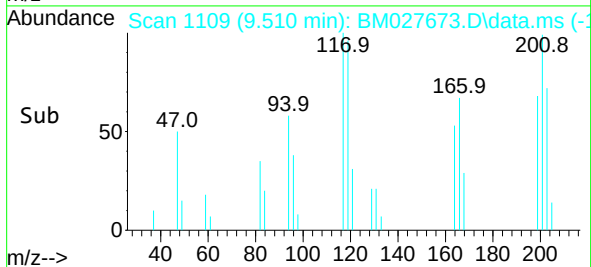
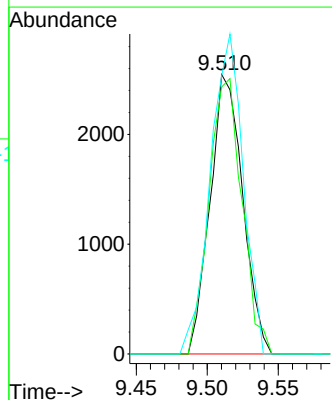
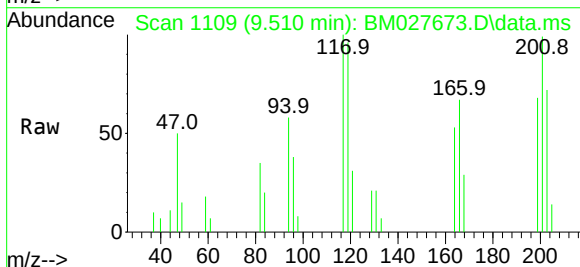
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT4-2020

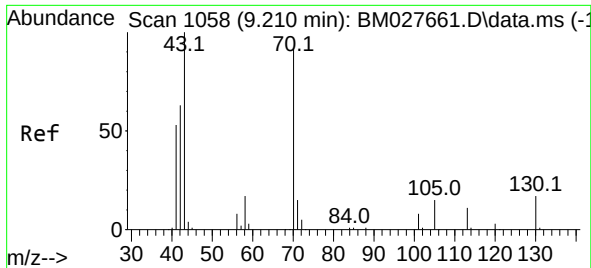
Tgt Ion:	107	Resp:	7436
Ion	Ratio	Lower	Upper
107	100		
108	96.8	87.8	131.6
77	59.4	50.9	76.3
79	57.9	46.6	69.8



#18
Hexachloroethane
Concen: 4.62 ng
RT: 9.510 min Scan# 1109
Delta R.T. -0.006 min
Lab File: BM027673.D
Acq: 02 Nov 2020 12:28

Tgt Ion:	117	Resp:	4069
Ion	Ratio	Lower	Upper
117	100		
119	95.6	73.1	109.7
201	99.4	88.7	133.1

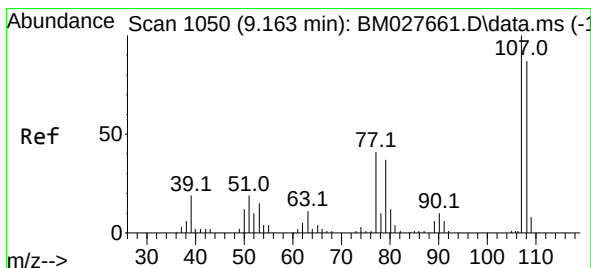
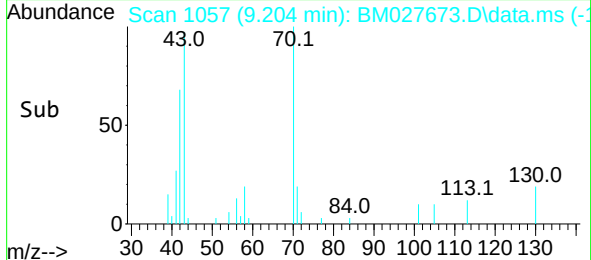
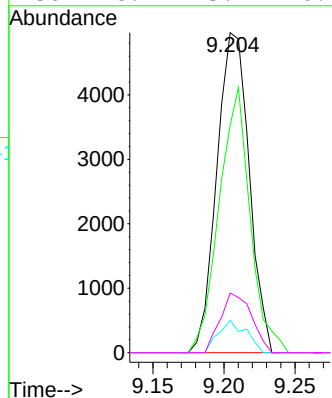
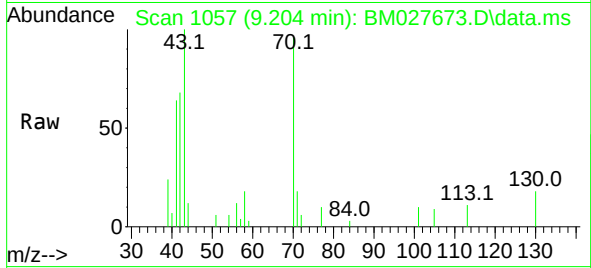




#19
n-Nitroso-di-n-propylamine
Concen: 4.74 ng
RT: 9.204 min Scan# 1057
Delta R.T. -0.006 min
Lab File: BM027673.D
Acq: 02 Nov 2020 12:28

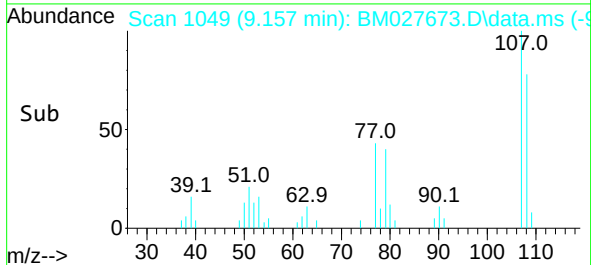
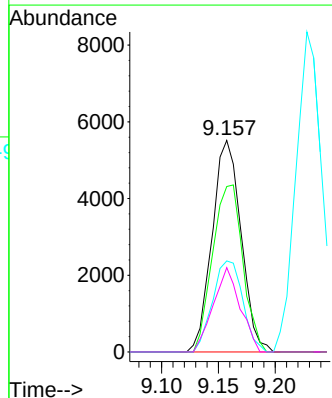
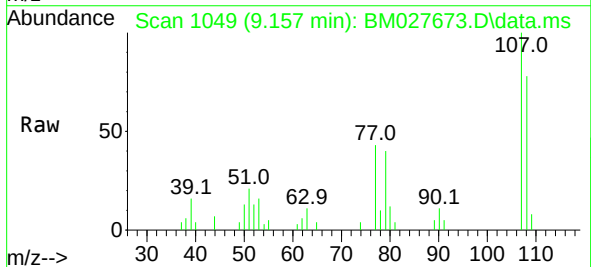
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT4-2020

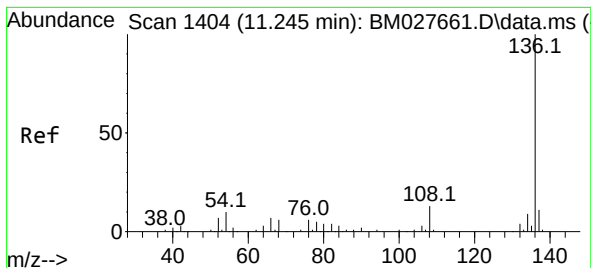
Tgt Ion: 70	Resp: 7866
Ion Ratio	Lower Upper
70 100	
42 71.1	31.9 47.9#
101 10.1	7.0 10.4
130 18.7	13.4 20.0



#20
3+4-Methylphenols
Concen: 4.56 ng
RT: 9.157 min Scan# 1049
Delta R.T. -0.006 min
Lab File: BM027673.D
Acq: 02 Nov 2020 12:28

Tgt Ion: 107	Resp: 9784
Ion Ratio	Lower Upper
107 100	
108 78.2	64.5 104.5
77 43.0	24.2 64.2
79 39.8	17.8 57.8

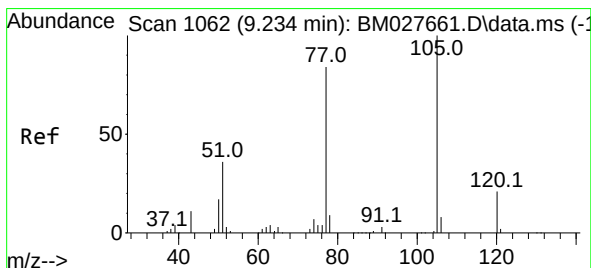
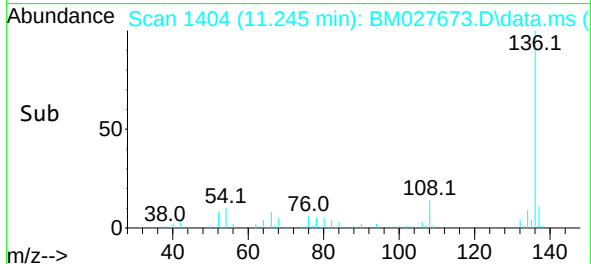
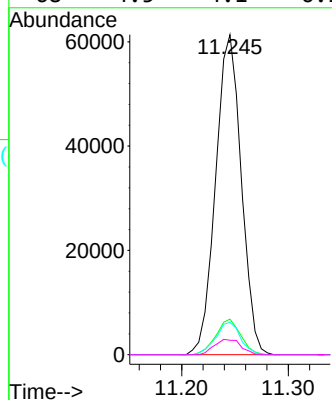
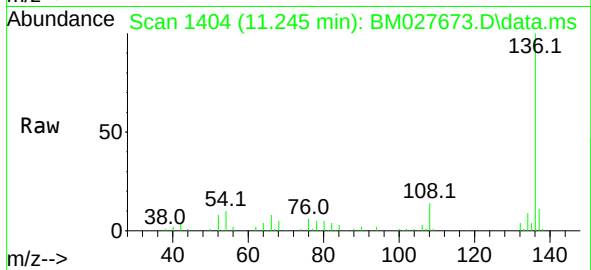




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.245 min Scan# 1404
Delta R.T. 0.000 min
Lab File: BM027673.D
Acq: 02 Nov 2020 12:28

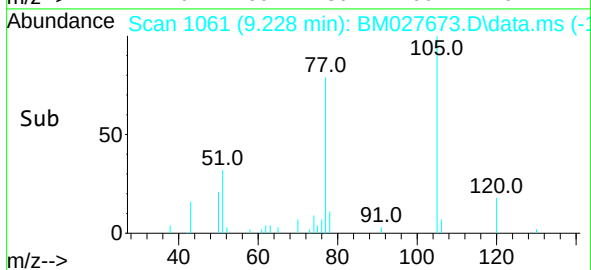
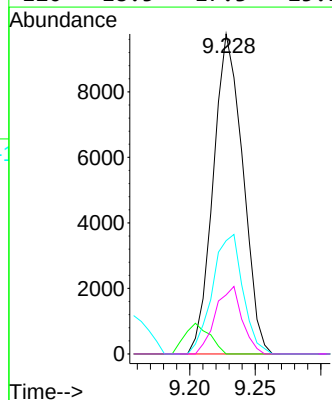
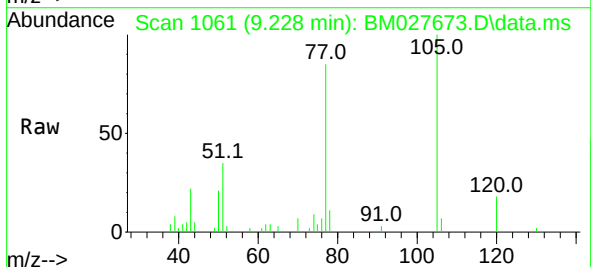
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT4-2020

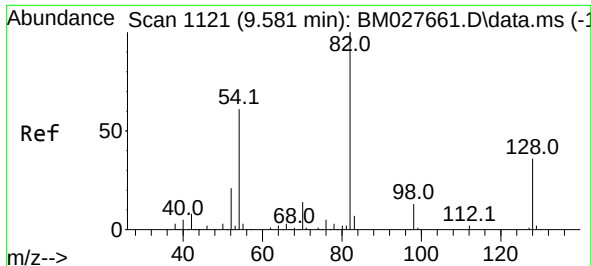
Tgt Ion:	136	Resp:	102464
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	12.8
54	10.1	4.6	7.0#
68	4.5	4.1	6.1



#22
Acetophenone
Concen: 5.25 ng
RT: 9.228 min Scan# 1061
Delta R.T. -0.006 min
Lab File: BM027673.D
Acq: 02 Nov 2020 12:28

Tgt Ion:	105	Resp:	15290
Ion	Ratio	Lower	Upper
105	100		
71	0.0	7.6	11.4#
51	35.4	18.6	28.0#
120	18.5	17.3	25.9

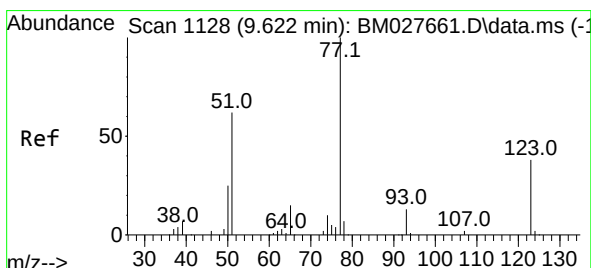
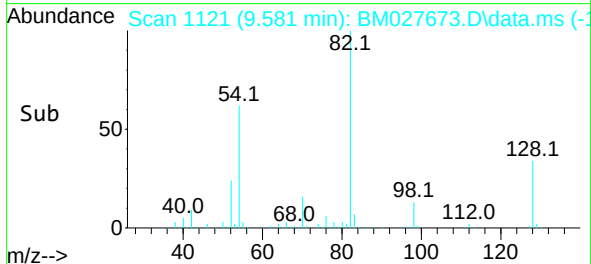
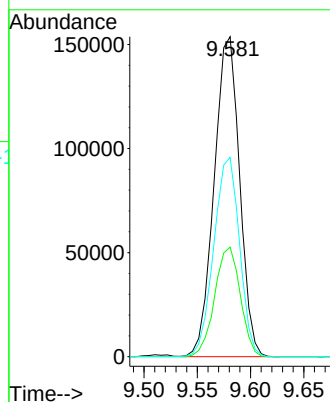
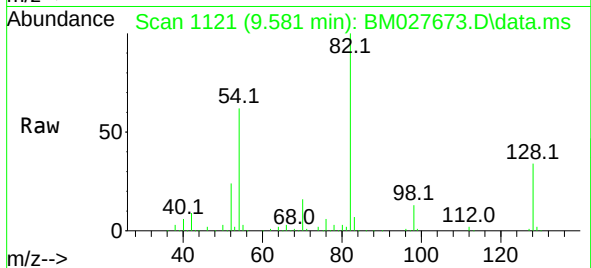




#23
Nitrobenzene-d5
Concen: 113.61 ng
RT: 9.581 min Scan# 1121
Delta R.T. -0.000 min
Lab File: BM027673.D
Acq: 02 Nov 2020 12:28

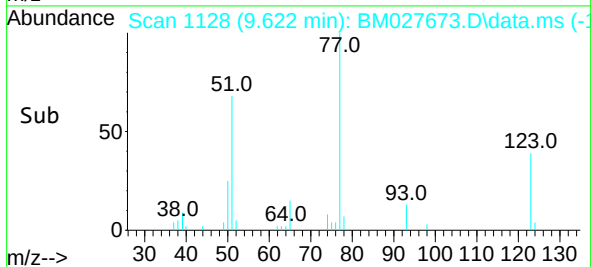
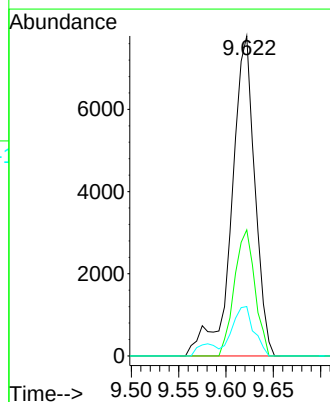
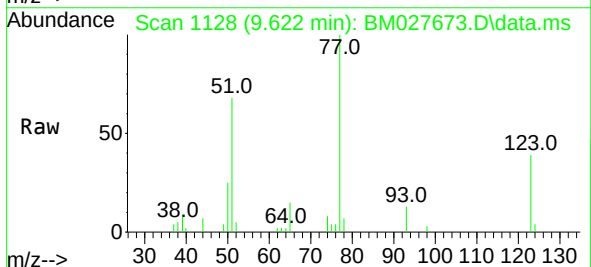
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT4-2020

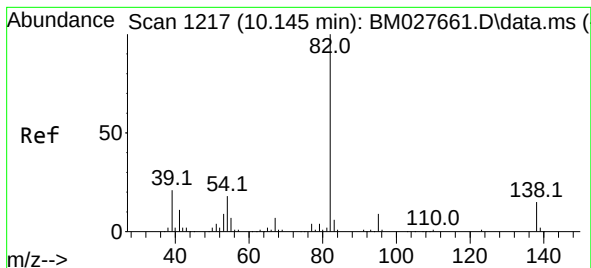
Tgt Ion: 82 Resp: 255166
Ion Ratio Lower Upper
82 100
128 34.2 27.4 41.0
54 62.3 31.4 47.0#



#24
Nitrobenzene
Concen: 5.72 ng
RT: 9.622 min Scan# 1128
Delta R.T. -0.000 min
Lab File: BM027673.D
Acq: 02 Nov 2020 12:28

Tgt Ion: 77 Resp: 13210
Ion Ratio Lower Upper
77 100
123 39.4 29.1 43.7
65 15.4 11.3 16.9





#25

Isophorone

Concen: 5.20 ng

RT: 10.145 min Scan# 1217

Delta R.T. 0.000 min

Lab File: BM027673.D

Acq: 02 Nov 2020 12:28

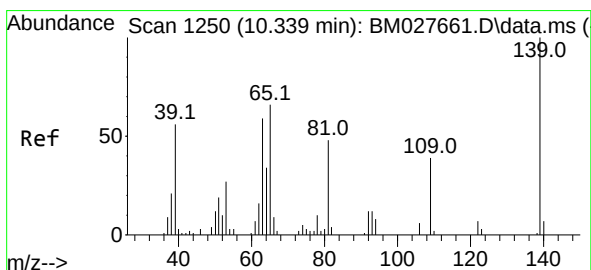
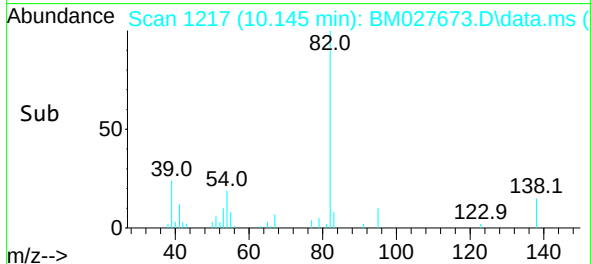
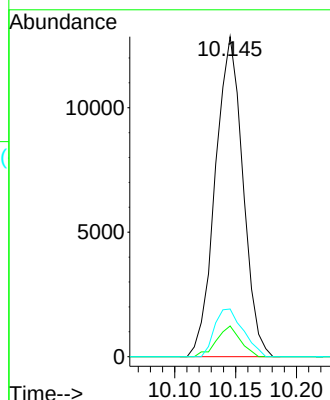
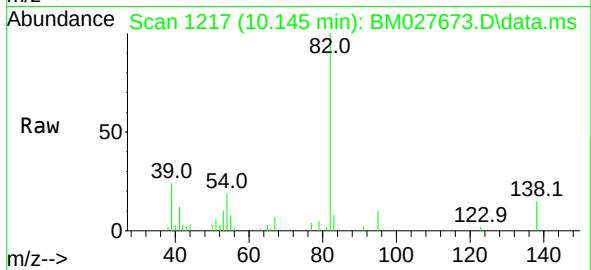
Tgt Ion:	82	Resp:	20245
Ion	Ratio	Lower	Upper
82	100		
95	9.6	6.8	10.2
138	14.9	13.1	19.7

Instrument :

BNA_M

ClientSampleId :

LOQ-SOIL-02-QT4-2020



#26

2-Nitrophenol

Concen: 4.68 ng

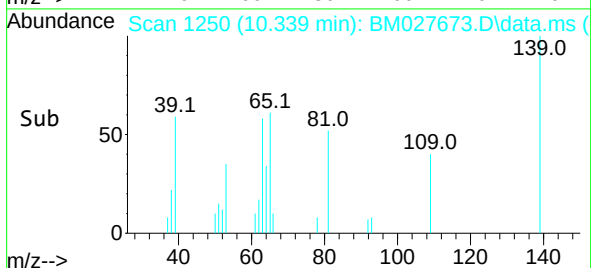
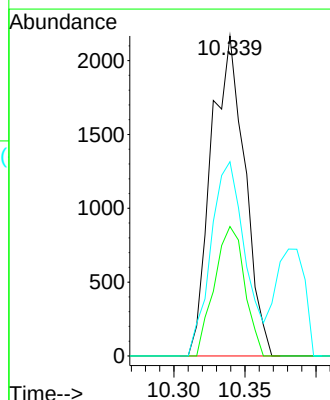
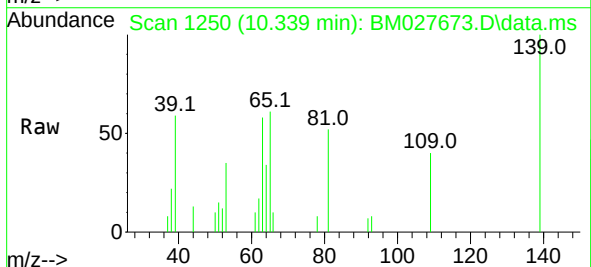
RT: 10.339 min Scan# 1250

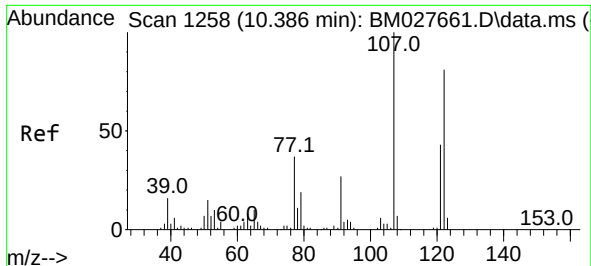
Delta R.T. 0.000 min

Lab File: BM027673.D

Acq: 02 Nov 2020 12:28

Tgt Ion:	139	Resp:	3561
Ion	Ratio	Lower	Upper
139	100		
109	40.5	33.8	50.8
65	60.7	51.0	76.6

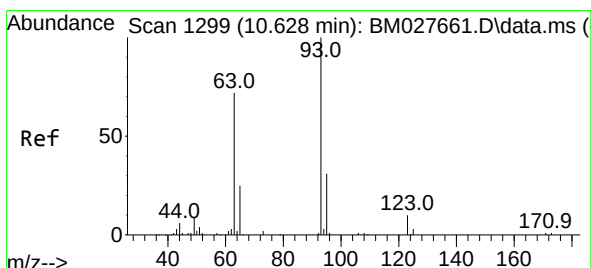
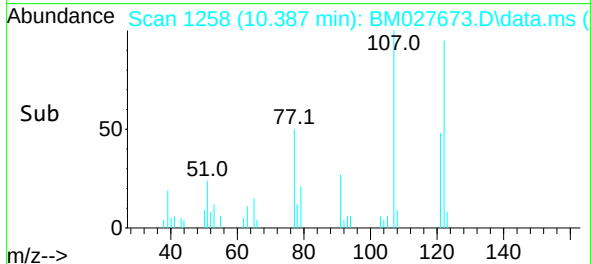
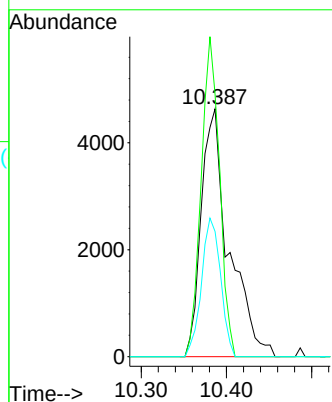
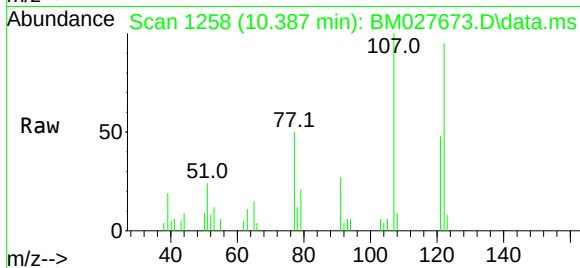




#27
2,4-Dimethylphenol
Concen: 7.01 ng
RT: 10.387 min Scan# 1258
Delta R.T. 0.001 min
Lab File: BM027673.D
Acq: 02 Nov 2020 12:28

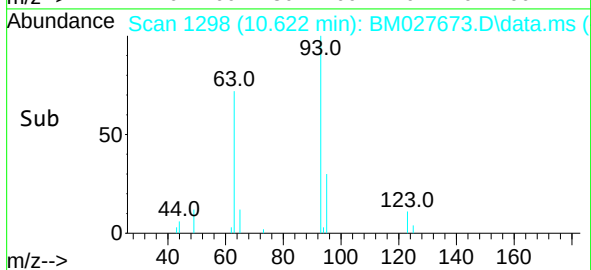
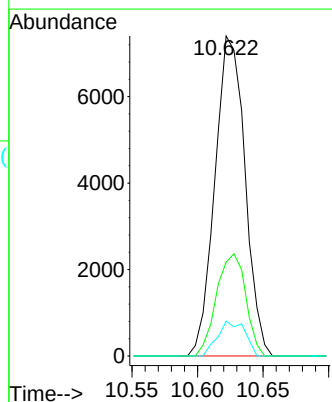
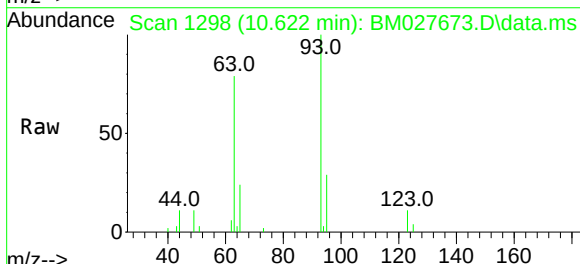
Instrument :
BNA_M
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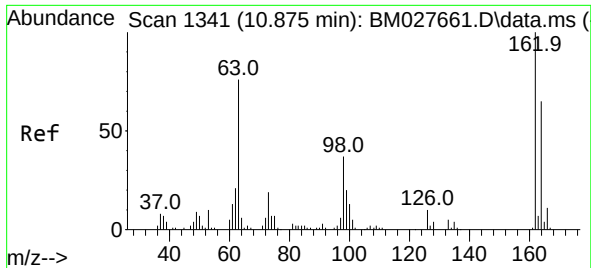
Tgt Ion:122 Resp: 10461
Ion Ratio Lower Upper
122 100
107 105.8 106.6 159.8#
121 50.5 48.8 73.2



#28
bis(2-Chloroethoxy)methane
Concen: 5.03 ng
RT: 10.622 min Scan# 1298
Delta R.T. -0.006 min
Lab File: BM027673.D
Acq: 02 Nov 2020 12:28

Tgt Ion: 93 Resp: 11805
Ion Ratio Lower Upper
93 100
95 29.3 26.5 39.7
123 10.9 8.6 12.8

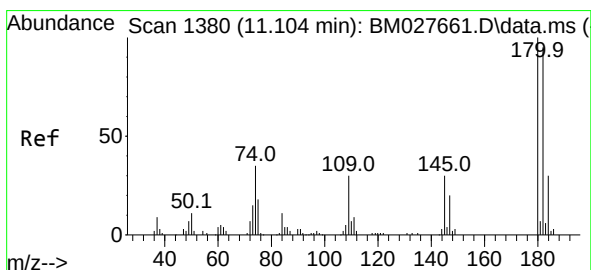
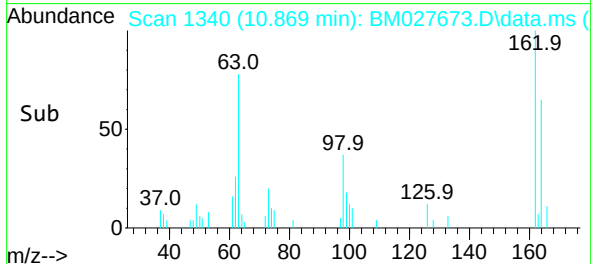
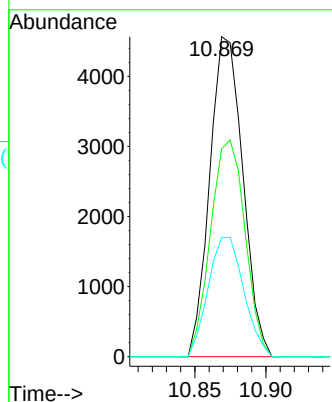
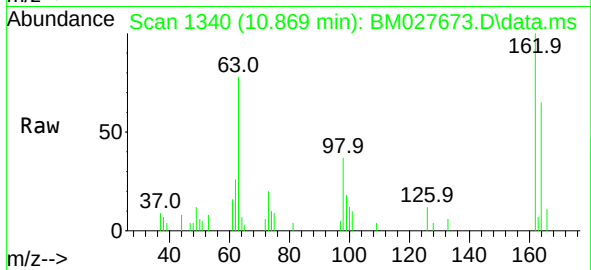




#29
2,4-Dichlorophenol
Concen: 4.58 ng
RT: 10.869 min Scan# 1340
Delta R.T. -0.006 min
Lab File: BM027673.D
Acq: 02 Nov 2020 12:28

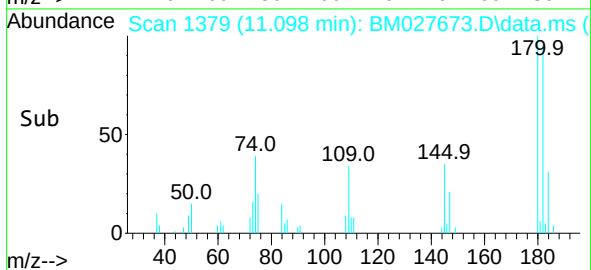
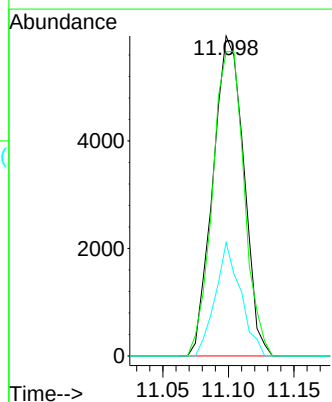
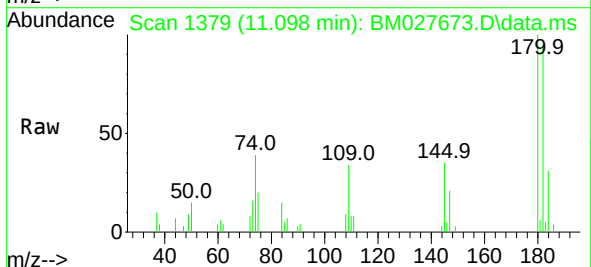
Instrument :
BNA_M
ClientSampleId :
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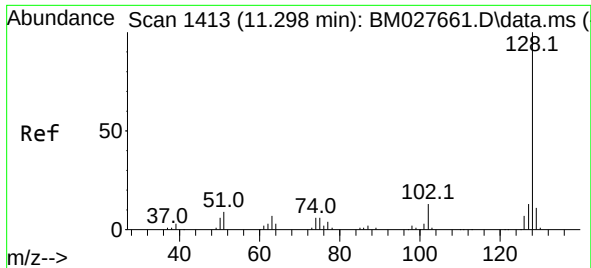
Tgt Ion:162 Resp: 7390
Ion Ratio Lower Upper
162 100
164 65.0 43.2 83.2
98 37.2 15.7 55.7



#30
1,2,4-Trichlorobenzene
Concen: 4.95 ng
RT: 11.098 min Scan# 1379
Delta R.T. -0.006 min
Lab File: BM027673.D
Acq: 02 Nov 2020 12:28

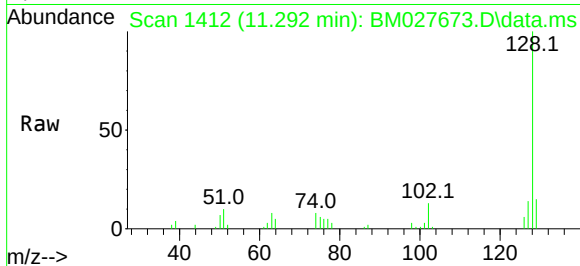
Tgt Ion:180 Resp: 9743
Ion Ratio Lower Upper
180 100
182 95.0 77.7 116.5
145 35.5 23.4 35.0#



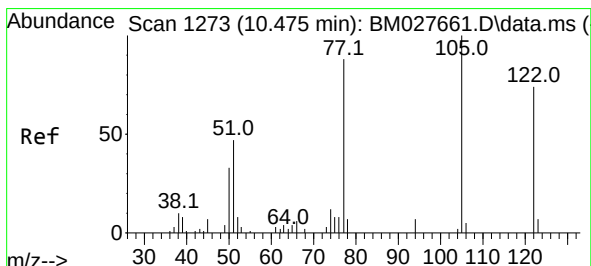
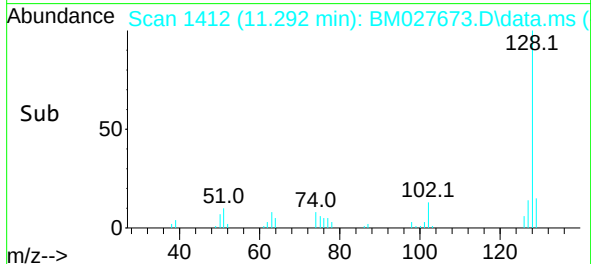
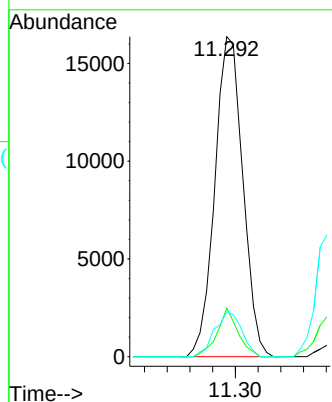


#31
Naphthalene
Concen: 5.17 ng
RT: 11.292 min Scan# 1412
Delta R.T. -0.006 min
Lab File: BM027673.D
Acq: 02 Nov 2020 12:28

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

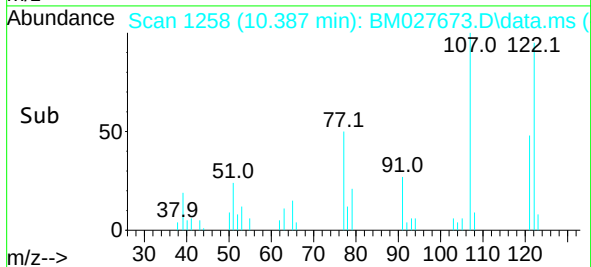
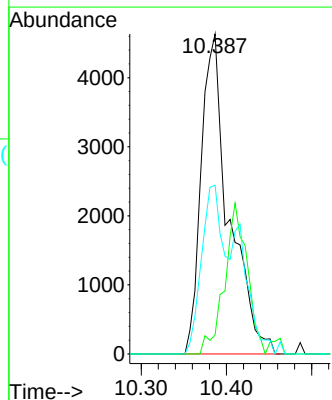
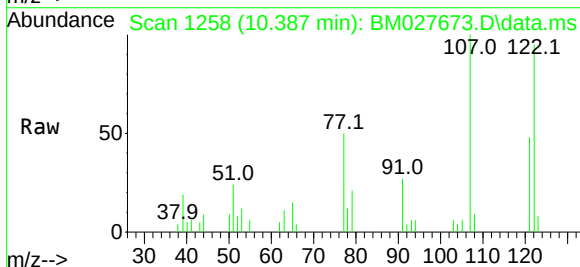


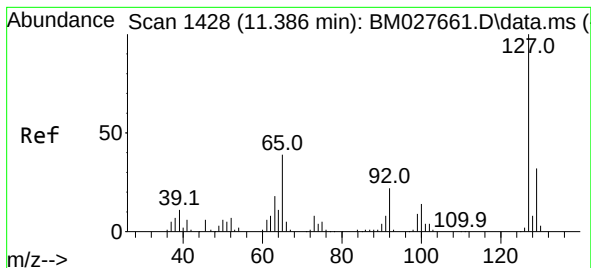
Tgt Ion:128 Resp: 28013
Ion Ratio Lower Upper
128 100
129 15.2 9.0 13.4#
127 14.1 10.6 15.8



#32
Benzoic acid
Concen: 11.91 ng
RT: 10.387 min Scan# 1258
Delta R.T. -0.088 min
Lab File: BM027673.D
Acq: 02 Nov 2020 12:28

Tgt Ion:122 Resp: 10461
Ion Ratio Lower Upper
122 100
105 6.0 114.0 154.0#
77 52.7 101.8 141.8#

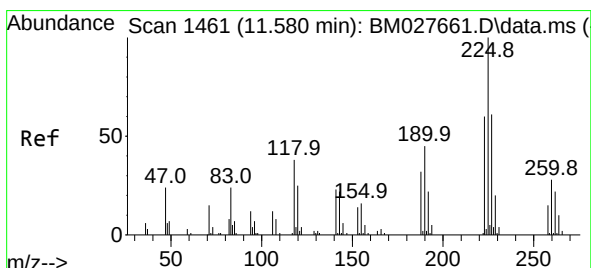
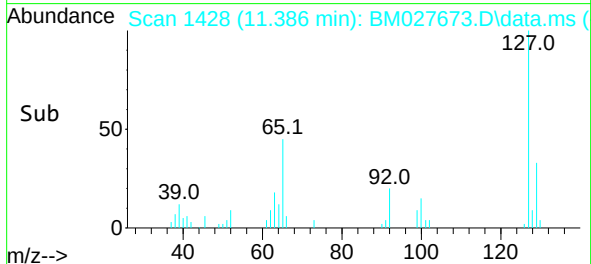
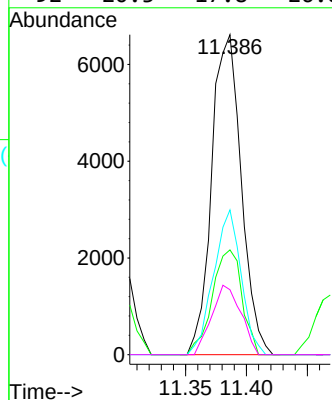
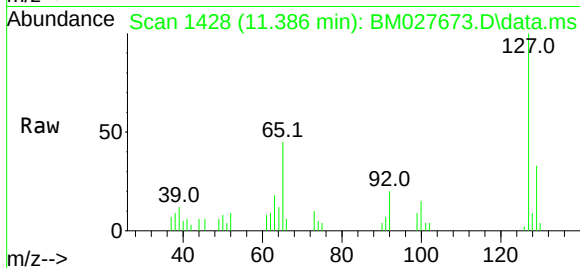




#33
4-Chloroaniline
Concen: 4.70 ng
RT: 11.386 min Scan# 1428
Delta R.T. 0.000 min
Lab File: BM027673.D
Acq: 02 Nov 2020 12:28

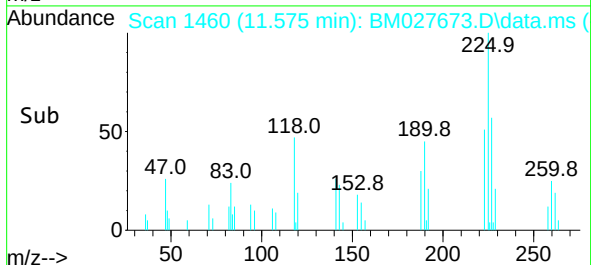
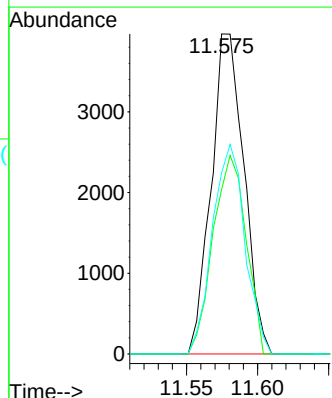
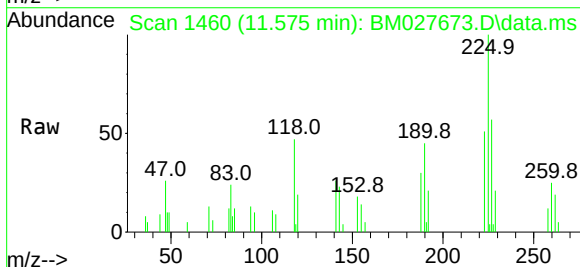
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT4-2020

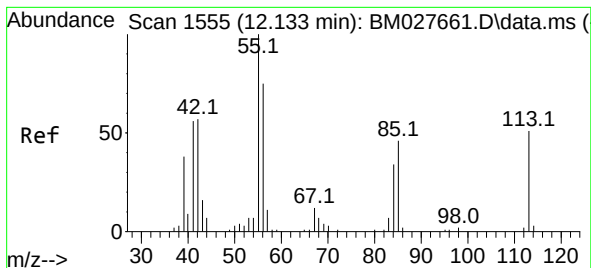
Tgt Ion:	127	Resp:	11190
Ion	Ratio	Lower	Upper
127	100		
129	32.8	24.7	37.1
65	45.3	30.2	45.4
92	20.3	17.8	26.8



#34
Hexachlorobutadiene
Concen: 4.99 ng
RT: 11.575 min Scan# 1460
Delta R.T. -0.005 min
Lab File: BM027673.D
Acq: 02 Nov 2020 12:28

Tgt Ion:	225	Resp:	6359
Ion	Ratio	Lower	Upper
225	100		
223	49.5	51.0	76.4#
227	58.9	50.6	75.8

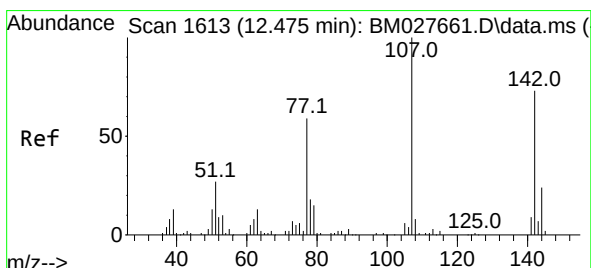
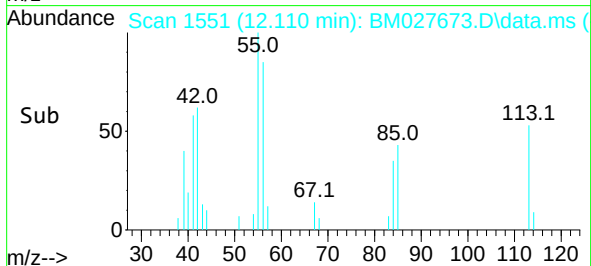
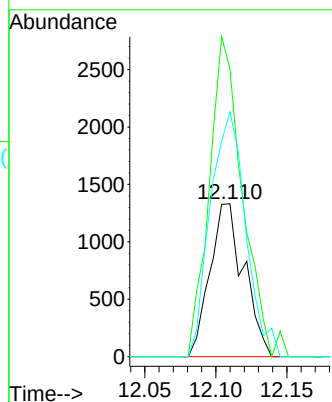
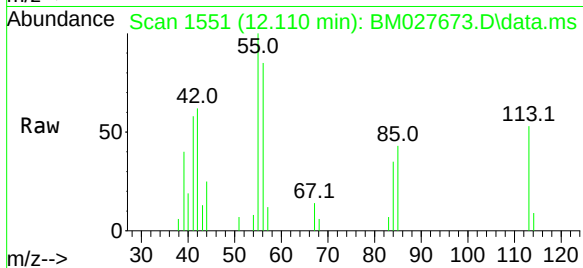




#35
Caprolactam
Concen: 4.13 ng
RT: 12.110 min Scan# 1551
Delta R.T. -0.023 min
Lab File: BM027673.D
Acq: 02 Nov 2020 12:28

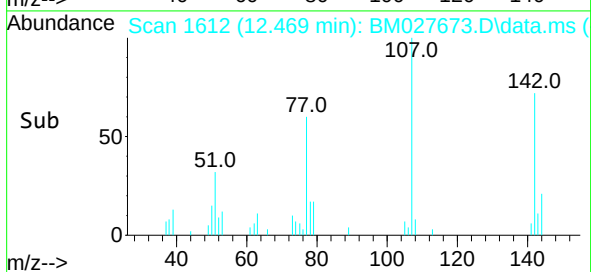
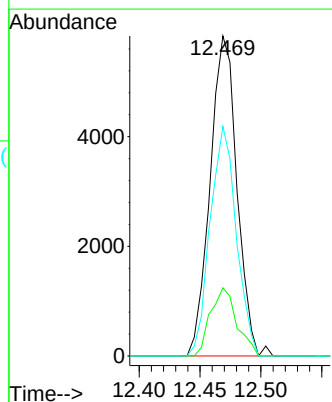
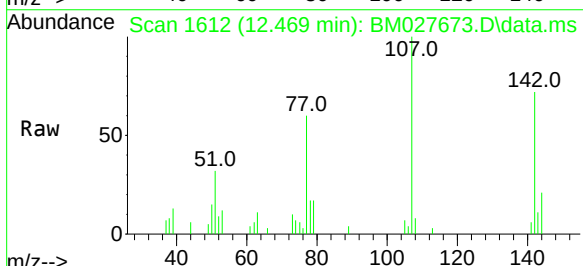
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT4-2020

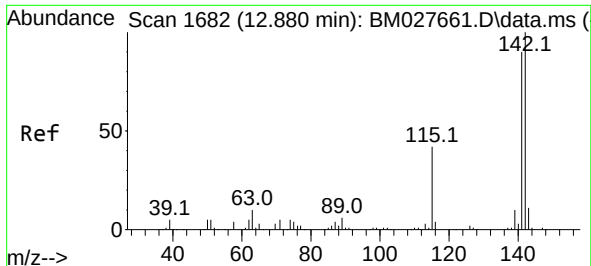
Tgt Ion:113 Resp: 2221
Ion Ratio Lower Upper
113 100
55 188.3 103.2 143.2#
56 160.0 84.2 124.2#



#36
4-Chloro-3-methylphenol
Concen: 4.78 ng
RT: 12.469 min Scan# 1612
Delta R.T. -0.006 min
Lab File: BM027673.D
Acq: 02 Nov 2020 12:28

Tgt Ion:107 Resp: 8973
Ion Ratio Lower Upper
107 100
144 21.3 20.1 30.1
142 71.7 60.3 90.5

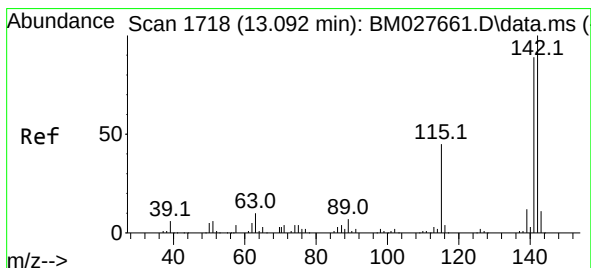
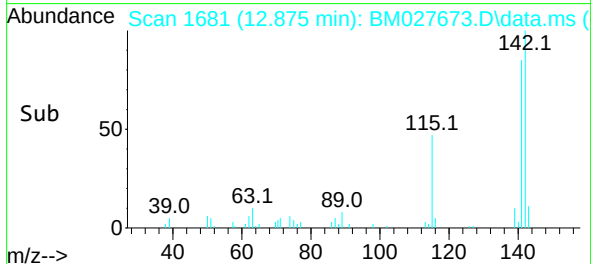
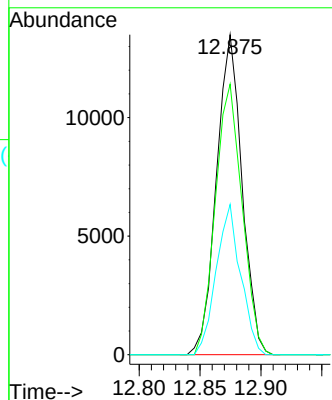
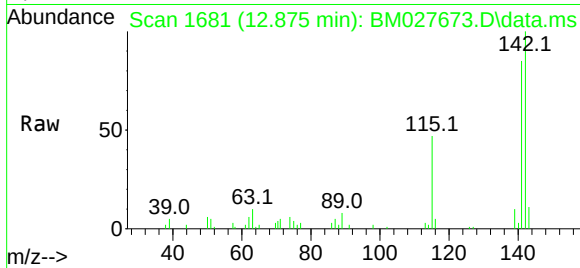




#37
2-Methylnaphthalene
Concen: 5.14 ng
RT: 12.875 min Scan# 1681
Delta R.T. -0.005 min
Lab File: BM027673.D
Acq: 02 Nov 2020 12:28

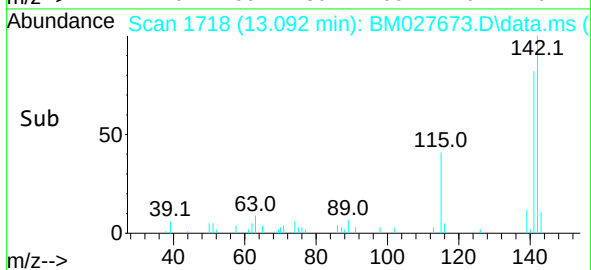
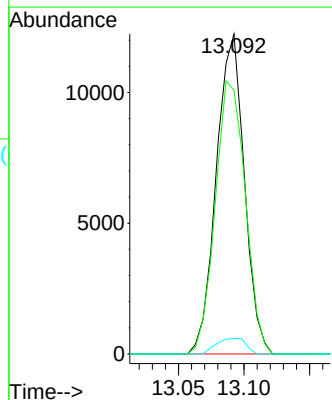
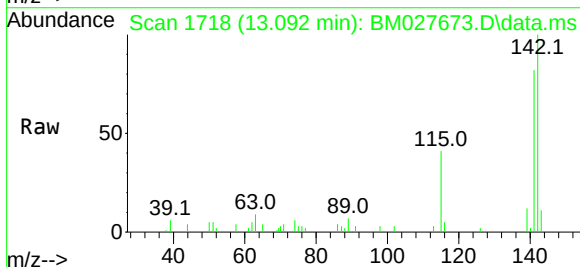
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT4-2020

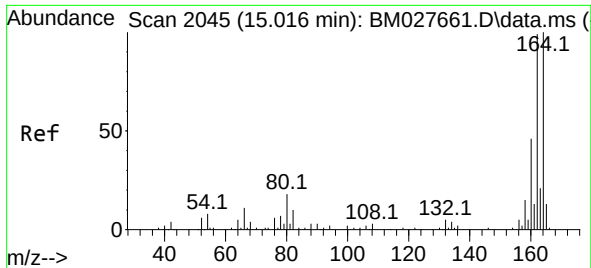
Tgt Ion:142 Resp: 19733
Ion Ratio Lower Upper
142 100
141 84.5 70.3 105.5
115 47.0 32.2 48.4



#38
1-Methylnaphthalene
Concen: 4.98 ng
RT: 13.092 min Scan# 1718
Delta R.T. 0.000 min
Lab File: BM027673.D
Acq: 02 Nov 2020 12:28

Tgt Ion:142 Resp: 18143
Ion Ratio Lower Upper
142 100
141 82.4 73.8 110.6
116 4.8 3.5 5.3

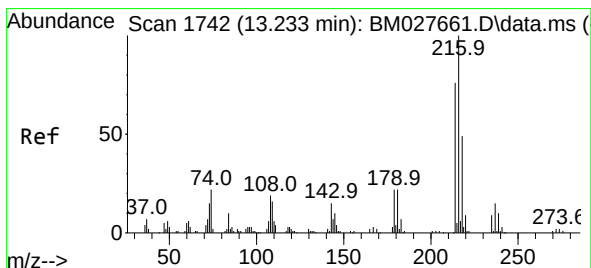
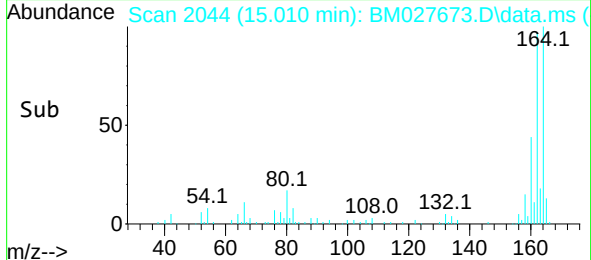
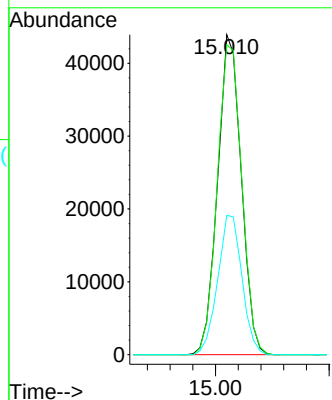
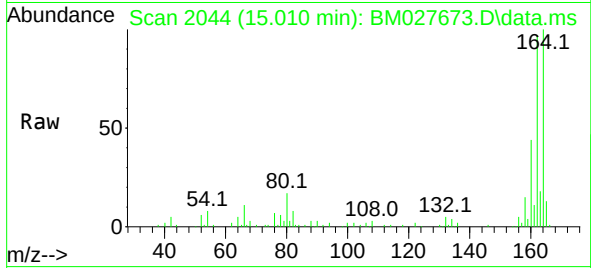




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.010 min Scan# 2044
Delta R.T. -0.006 min
Lab File: BM027673.D
Acq: 02 Nov 2020 12:28

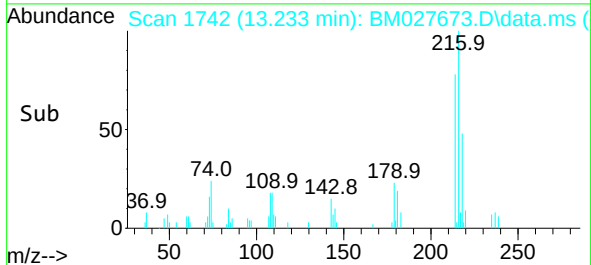
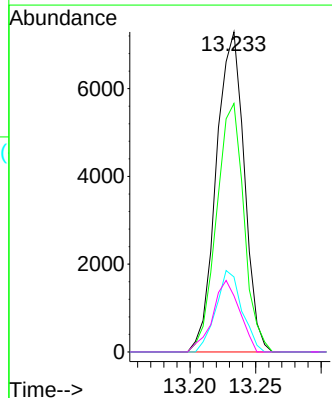
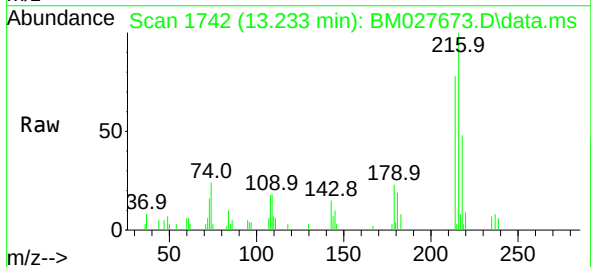
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT4-2020

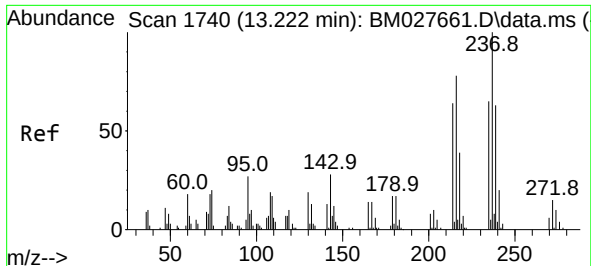
Tgt Ion:164 Resp: 63604
Ion Ratio Lower Upper
164 100
162 96.9 80.4 120.6
160 43.5 35.9 53.9



#40
1,2,4,5-Tetrachlorobenzene
Concen: 5.37 ng
RT: 13.233 min Scan# 1742
Delta R.T. 0.000 min
Lab File: BM027673.D
Acq: 02 Nov 2020 12:28

Tgt Ion:216 Resp: 10797
Ion Ratio Lower Upper
216 100
214 76.2 62.1 93.1
179 23.6 17.2 25.8
108 21.6 14.9 22.3

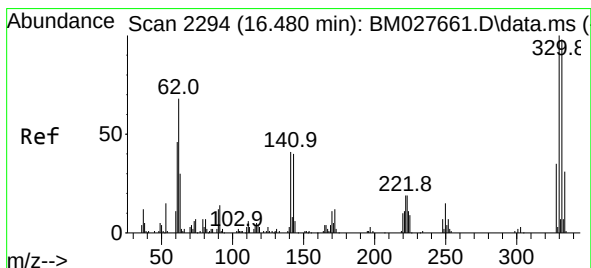
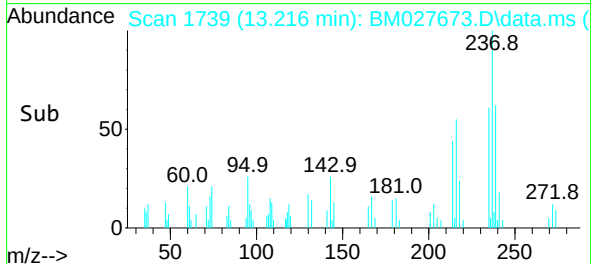
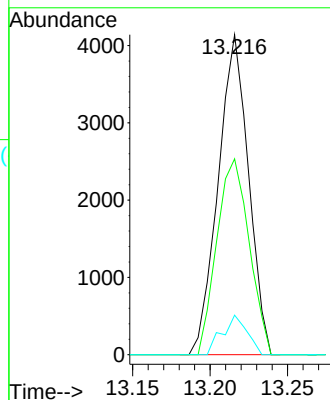
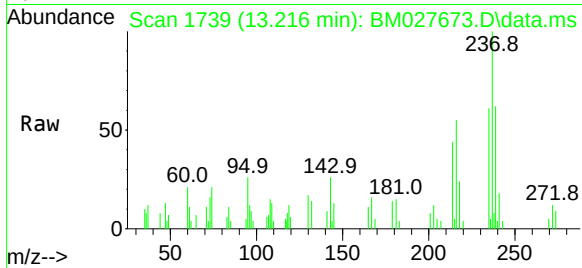




#41
Hexachlorocyclopentadiene
Concen: 5.15 ng
RT: 13.216 min Scan# 1739
Delta R.T. -0.006 min
Lab File: BM027673.D
Acq: 02 Nov 2020 12:28

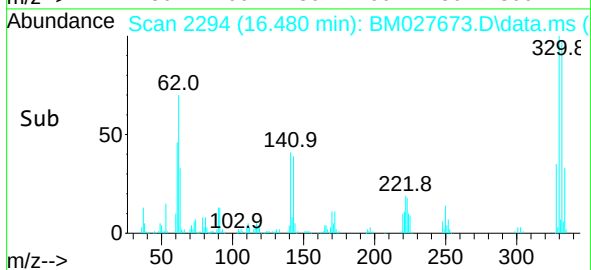
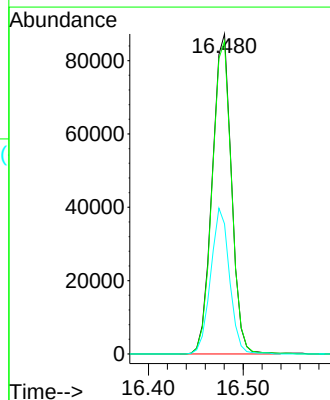
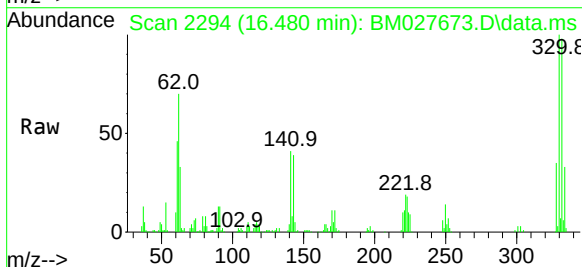
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT4-2020

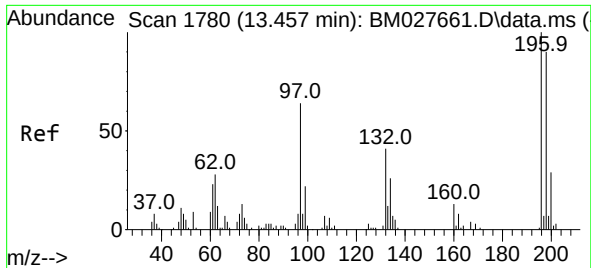
Tgt Ion:	237	Resp:	5636
Ion	Ratio	Lower	Upper
237	100		
235	61.2	43.1	83.1
272	12.4	0.0	33.0



#42
2,4,6-Tribromophenol
Concen: 161.55 ng
RT: 16.480 min Scan# 2294
Delta R.T. 0.000 min
Lab File: BM027673.D
Acq: 02 Nov 2020 12:28

Tgt Ion:	330	Resp:	122694
Ion	Ratio	Lower	Upper
330	100		
332	98.4	77.8	116.8
141	44.7	28.4	42.6#

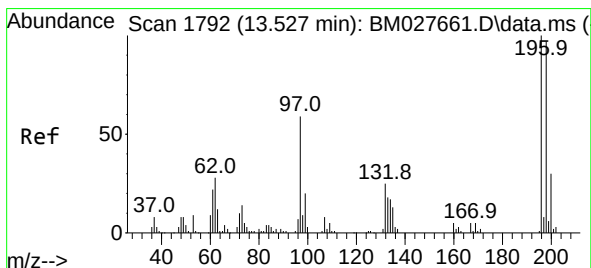
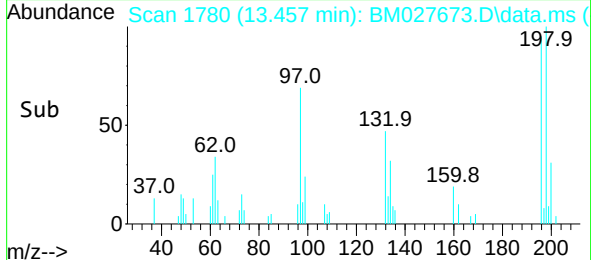
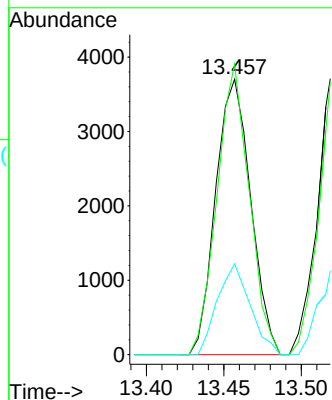
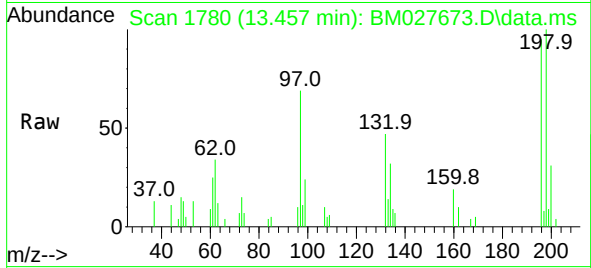




#43
2,4,6-Trichlorophenol
Concen: 4.46 ng
RT: 13.457 min Scan# 1780
Delta R.T. -0.000 min
Lab File: BM027673.D
Acq: 02 Nov 2020 12:28

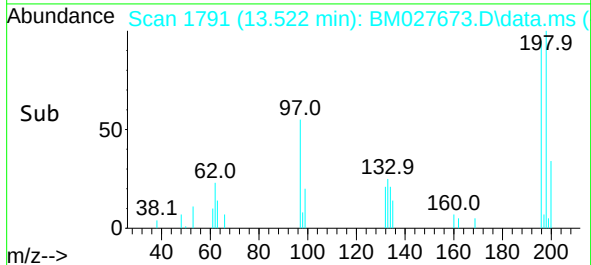
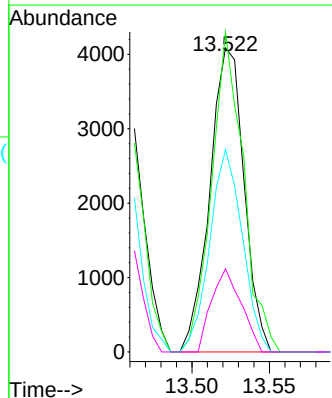
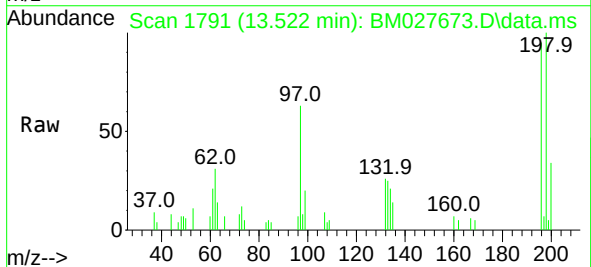
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT4-2020

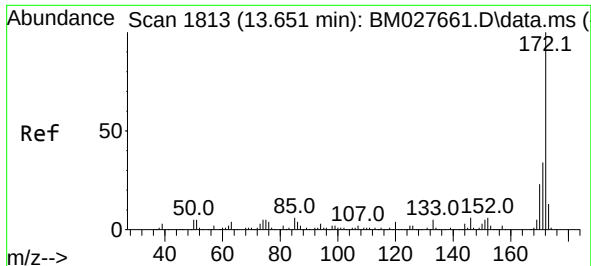
Tgt Ion:196 Resp: 5829
Ion Ratio Lower Upper
196 100
198 105.5 74.9 112.3
200 33.0 23.7 35.5



#44
2,4,5-Trichlorophenol
Concen: 4.49 ng
RT: 13.522 min Scan# 1791
Delta R.T. -0.005 min
Lab File: BM027673.D
Acq: 02 Nov 2020 12:28

Tgt Ion:196 Resp: 6286
Ion Ratio Lower Upper
196 100
198 105.3 79.0 118.6
97 66.6 40.5 60.7#
132 27.4 19.3 28.9

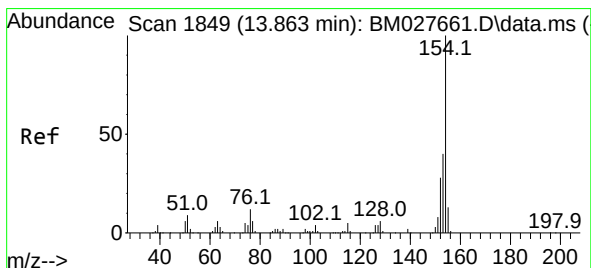
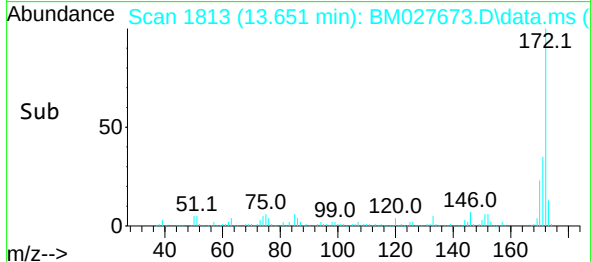
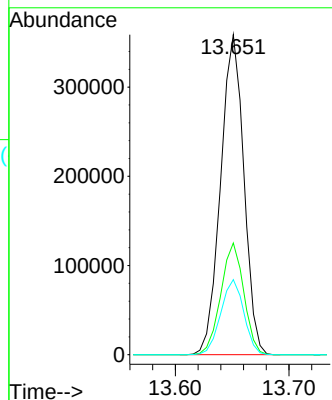
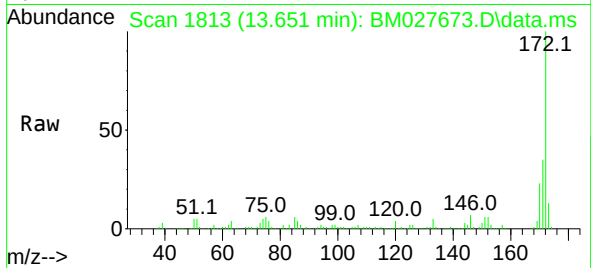




#45
2-Fluorobiphenyl
Concen: 114.44 ng
RT: 13.651 min Scan# 1813
Delta R.T. 0.000 min
Lab File: BM027673.D
Acq: 02 Nov 2020 12:28

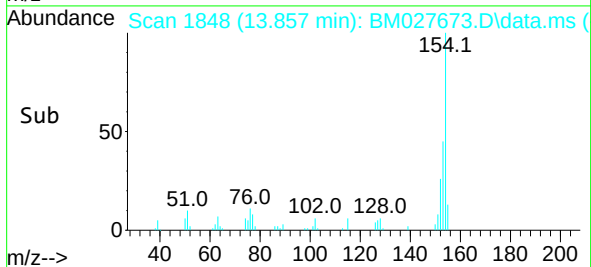
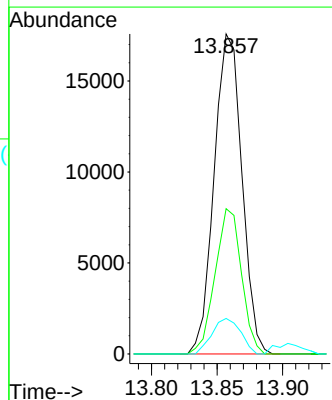
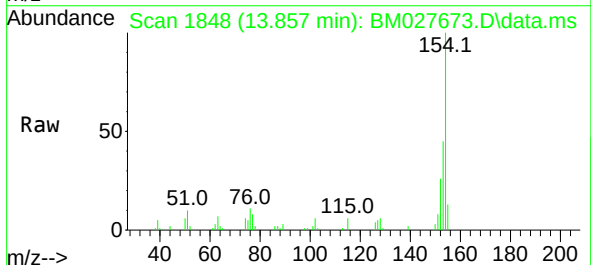
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT4-2020

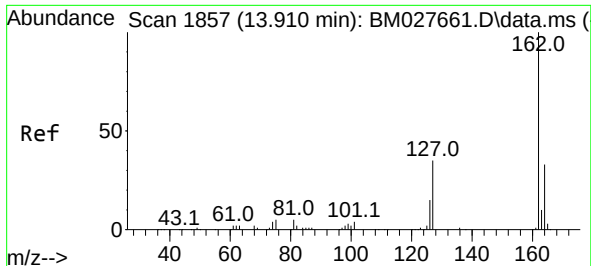
Tgt Ion:	172	Resp:	510115
Ion	Ratio	Lower	Upper
172	100		
171	34.9	27.8	41.8
170	23.5	18.6	27.8



#46
1,1'-Biphenyl
Concen: 5.32 ng
RT: 13.857 min Scan# 1848
Delta R.T. -0.006 min
Lab File: BM027673.D
Acq: 02 Nov 2020 12:28

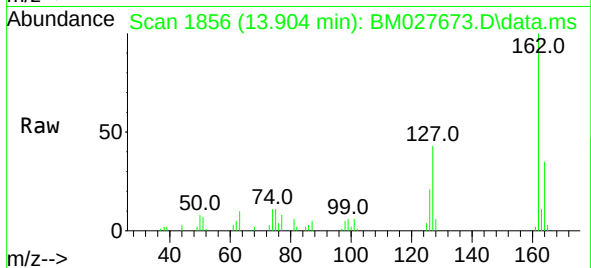
Tgt Ion:	154	Resp:	25868
Ion	Ratio	Lower	Upper
154	100		
153	45.4	20.0	60.0
76	11.1	0.0	32.0



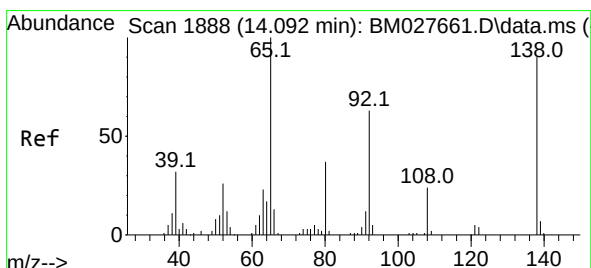
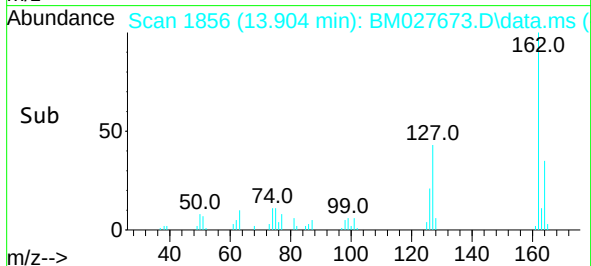
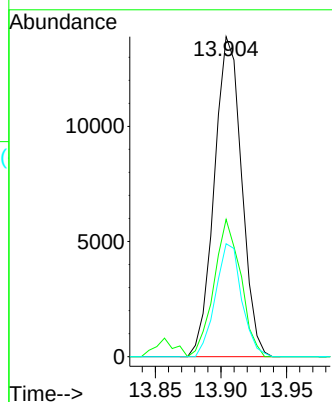


#47
2-Chloronaphthalene
Concen: 5.00 ng
RT: 13.904 min Scan# 1856
Delta R.T. -0.006 min
Lab File: BM027673.D
Acq: 02 Nov 2020 12:28

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

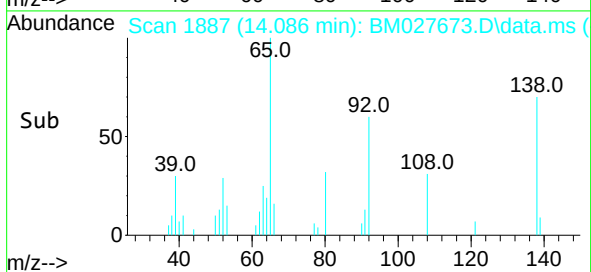
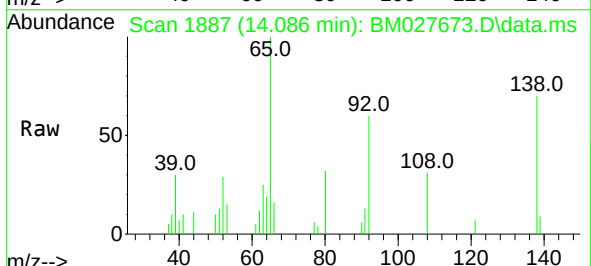
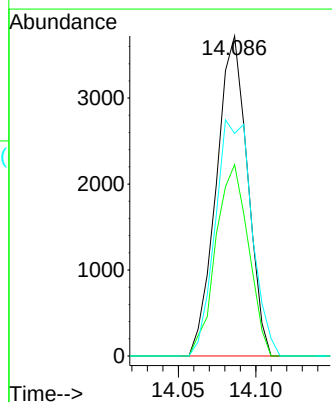


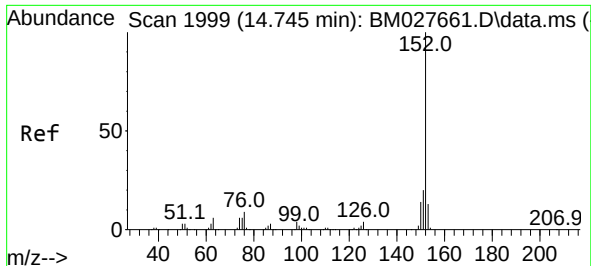
Tgt Ion:	162	Resp:	20114
Ion	Ratio	Lower	Upper
162	100		
127	42.9	29.6	44.4
164	35.3	26.2	39.4



#48
2-Nitroaniline
Concen: 3.85 ng
RT: 14.086 min Scan# 1887
Delta R.T. -0.006 min
Lab File: BM027673.D
Acq: 02 Nov 2020 12:28

Tgt Ion:	65	Resp:	5209
Ion	Ratio	Lower	Upper
65	100		
92	59.8	51.5	77.3
138	69.6	72.7	109.1#

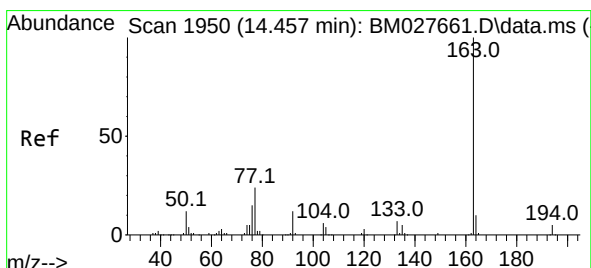
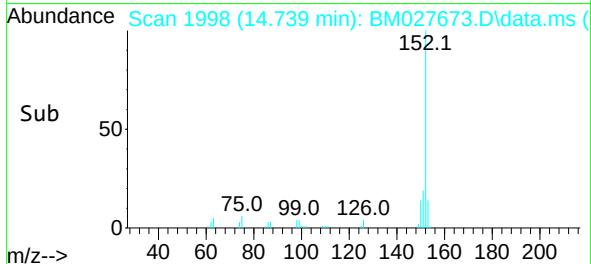
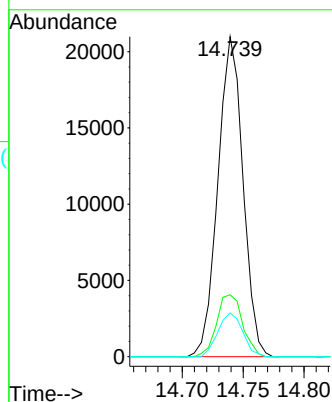
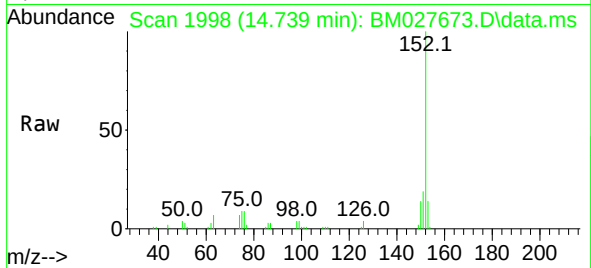




#49
Acenaphthylene
Concen: 4.94 ng
RT: 14.739 min Scan# 1998
Delta R.T. -0.006 min
Lab File: BM027673.D
Acq: 02 Nov 2020 12:28

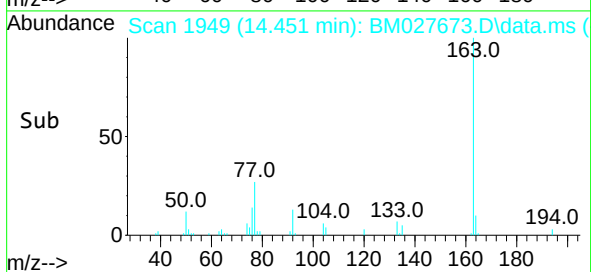
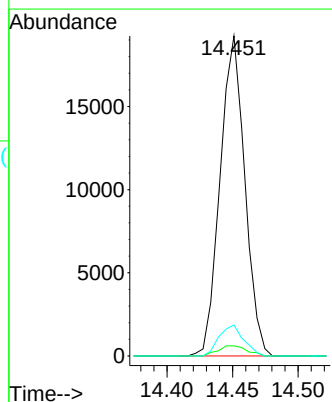
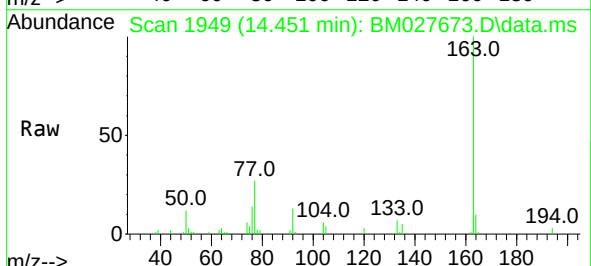
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT4-2020

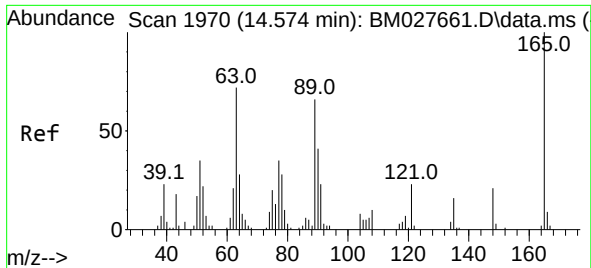
Tgt Ion:152	Resp:	30055
Ion Ratio	Lower	Upper
152	100	
151	19.4	15.8 23.6
153	13.7	10.4 15.6



#50
Dimethylphthalate
Concen: 4.95 ng
RT: 14.451 min Scan# 1949
Delta R.T. -0.006 min
Lab File: BM027673.D
Acq: 02 Nov 2020 12:28

Tgt Ion:163	Resp:	25223
Ion Ratio	Lower	Upper
163	100	
194	3.2	3.4 5.2#
164	9.7	8.1 12.1

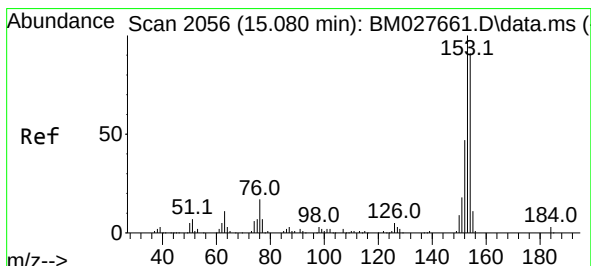
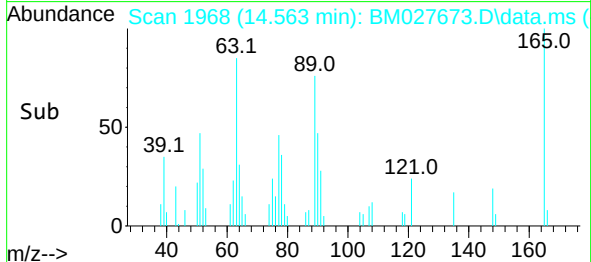
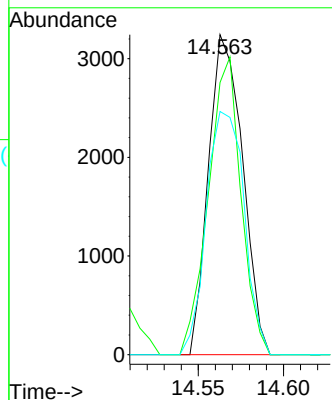
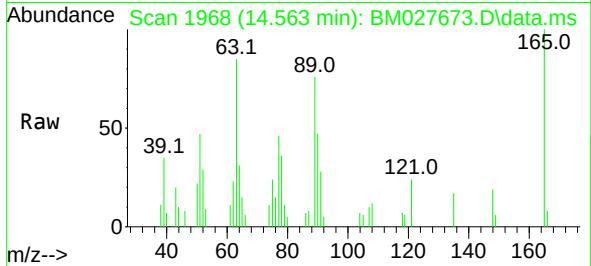




#51
2,6-Dinitrotoluene
Concen: 4.51 ng
RT: 14.563 min Scan# 1968
Delta R.T. -0.011 min
Lab File: BM027673.D
Acq: 02 Nov 2020 12:28

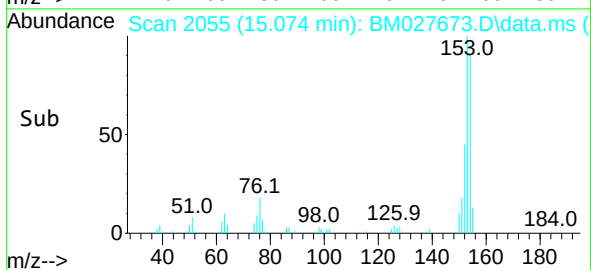
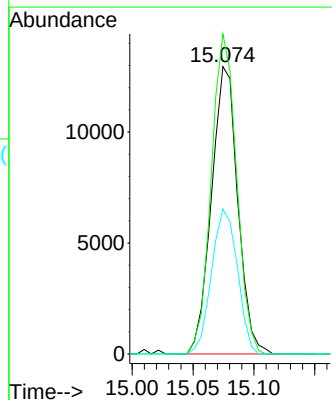
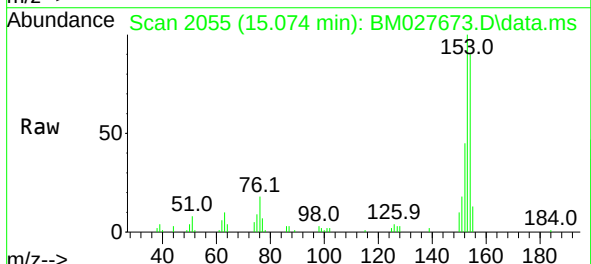
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT4-2020

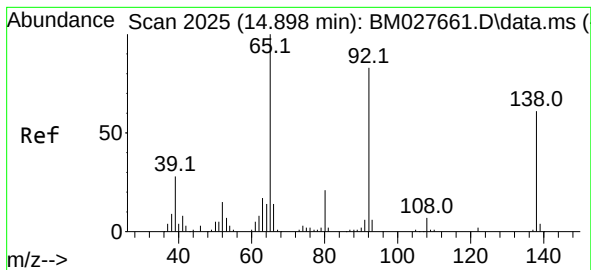
Tgt Ion:165 Resp: 4516
Ion Ratio Lower Upper
165 100
63 85.1 51.1 76.7#
89 76.0 53.3 79.9



#52
Acenaphthene
Concen: 4.89 ng
RT: 15.074 min Scan# 2055
Delta R.T. -0.006 min
Lab File: BM027673.D
Acq: 02 Nov 2020 12:28

Tgt Ion:154 Resp: 19487
Ion Ratio Lower Upper
154 100
153 111.4 88.3 132.5
152 50.4 41.4 62.2

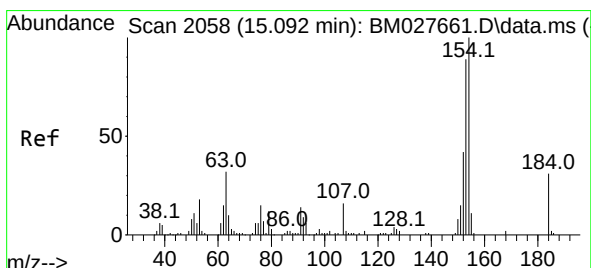
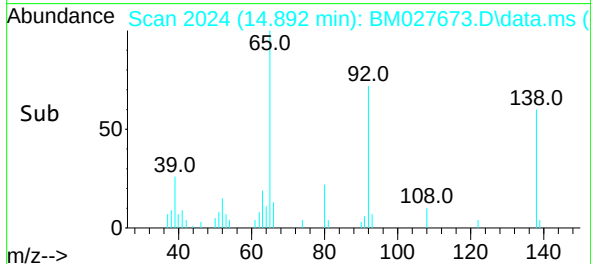
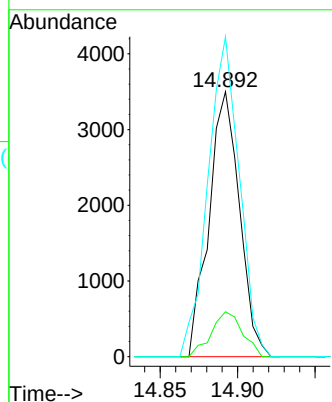
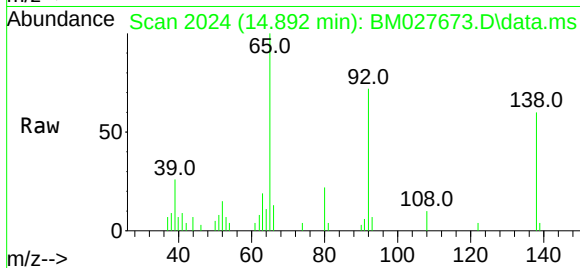




#53
3-Nitroaniline
Concen: 4.22 ng
RT: 14.892 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BM027673.D
Acq: 02 Nov 2020 12:28

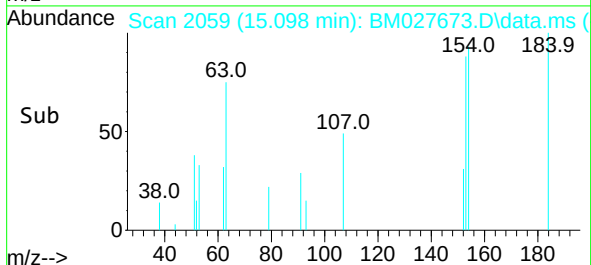
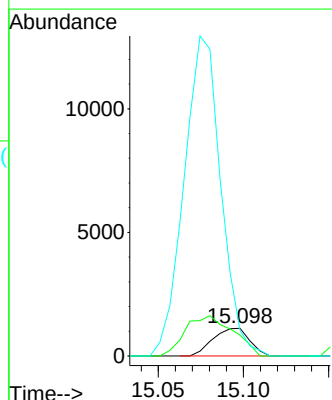
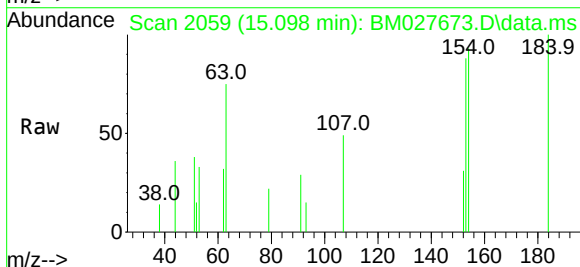
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT4-2020

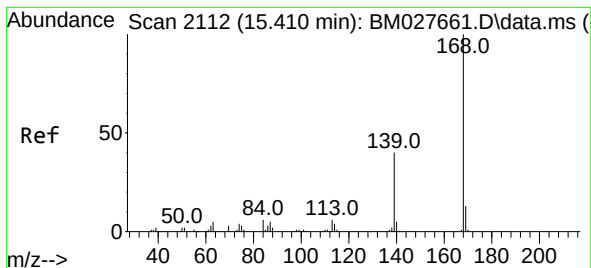
Tgt Ion:138 Resp: 4788
Ion Ratio Lower Upper
138 100
108 17.0 8.6 13.0#
92 120.8 102.1 153.1



#54
2,4-Dinitrophenol
Concen: 3.94 ng
RT: 15.098 min Scan# 2059
Delta R.T. 0.006 min
Lab File: BM027673.D
Acq: 02 Nov 2020 12:28

Tgt Ion:184 Resp: 1667
Ion Ratio Lower Upper
184 100
63 75.4 60.2 90.2
154 92.6 52.9 79.3#

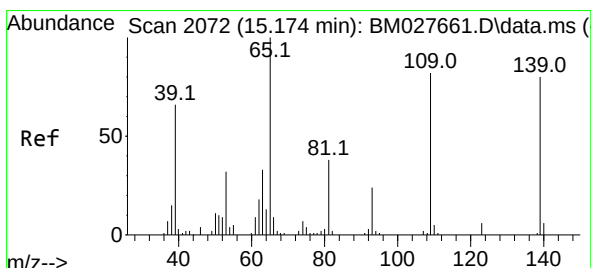
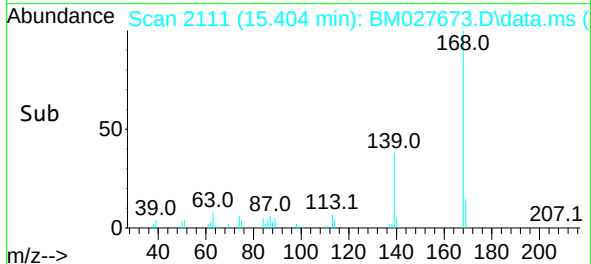
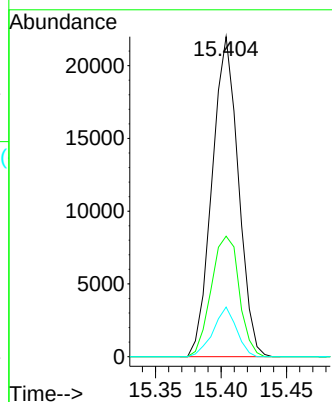
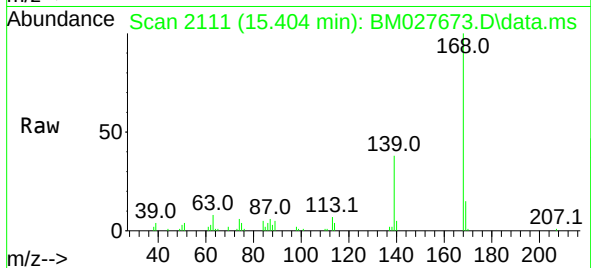




#55
Dibenzenofuran
Concen: 5.16 ng
RT: 15.404 min Scan# 2111
Delta R.T. -0.006 min
Lab File: BM027673.D
Acq: 02 Nov 2020 12:28

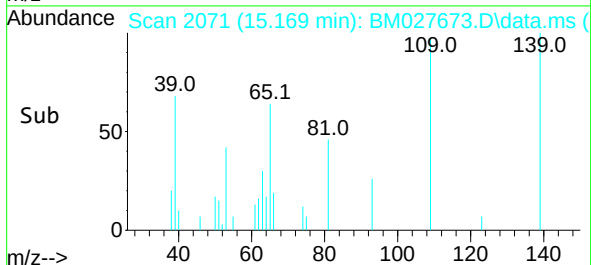
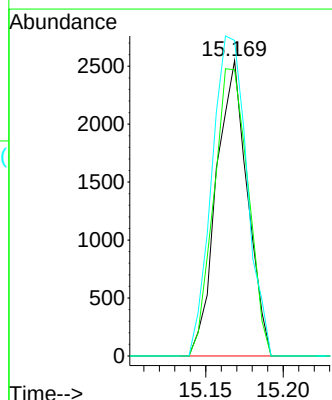
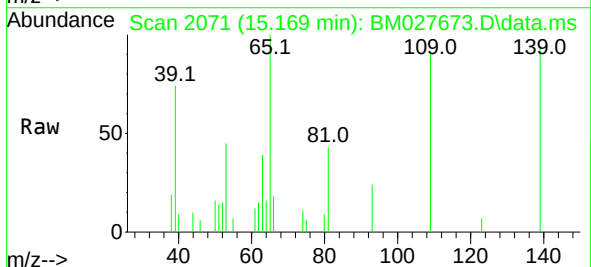
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT4-2020

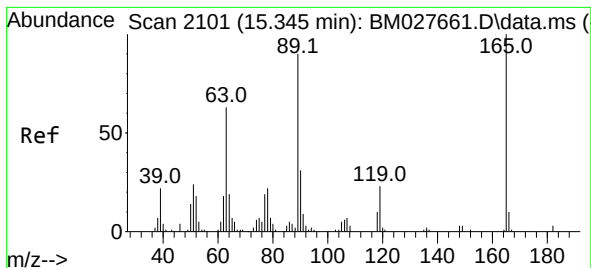
Tgt Ion:168	Resp:	30600
Ion Ratio	Lower	Upper
168	100	
139	37.7	30.2 45.4
169	15.5	10.6 16.0



#56
4-Nitrophenol
Concen: 3.86 ng
RT: 15.169 min Scan# 2071
Delta R.T. -0.005 min
Lab File: BM027673.D
Acq: 02 Nov 2020 12:28

Tgt Ion:139	Resp:	3552
Ion Ratio	Lower	Upper
139	100	
109	96.9	77.0 117.0
65	106.8	103.4 143.4

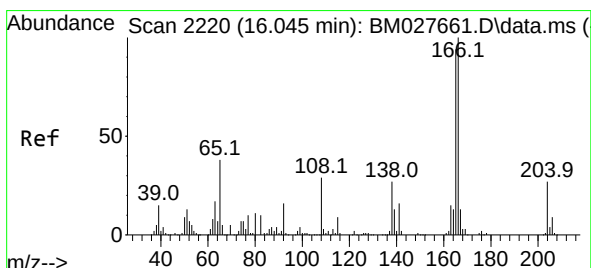
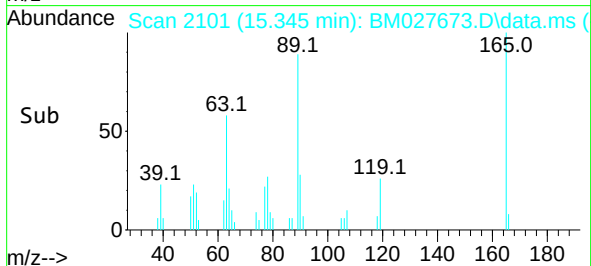
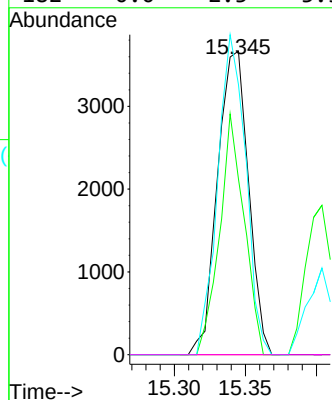
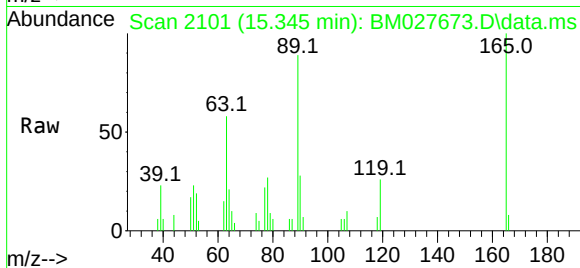




#57
2,4-Dinitrotoluene
Concen: 4.09 ng
RT: 15.345 min Scan# 2101
Delta R.T. 0.000 min
Lab File: BM027673.D
Acq: 02 Nov 2020 12:28

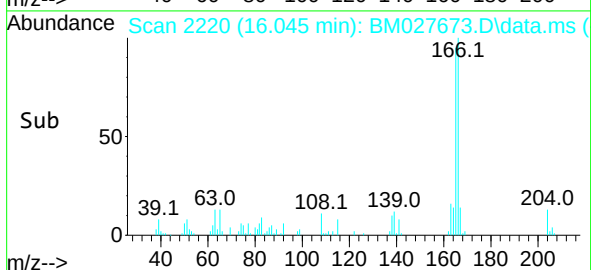
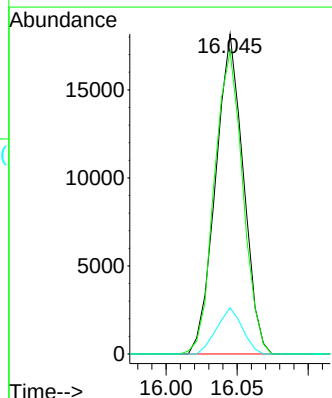
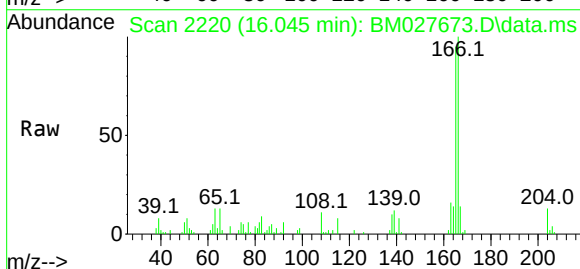
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT4-2020

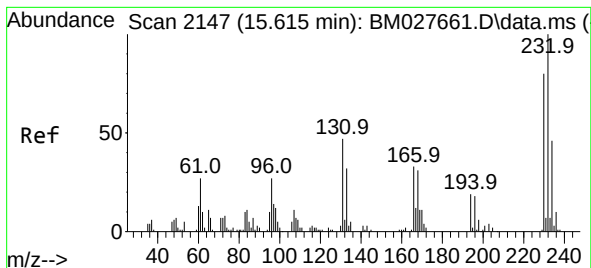
Tgt Ion:	165	Resp:	5553
Ion	Ratio	Lower	Upper
165	100		
63	57.9	38.8	58.2
89	89.0	62.6	94.0
182	0.0	2.3	3.5#



#58
Fluorene
Concen: 5.07 ng
RT: 16.045 min Scan# 2220
Delta R.T. 0.000 min
Lab File: BM027673.D
Acq: 02 Nov 2020 12:28

Tgt Ion:	166	Resp:	24637
Ion	Ratio	Lower	Upper
166	100		
165	94.5	76.2	114.2
167	14.4	10.7	16.1

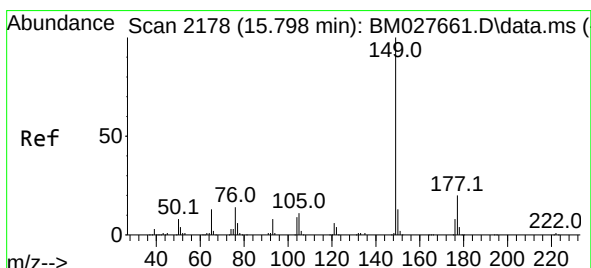
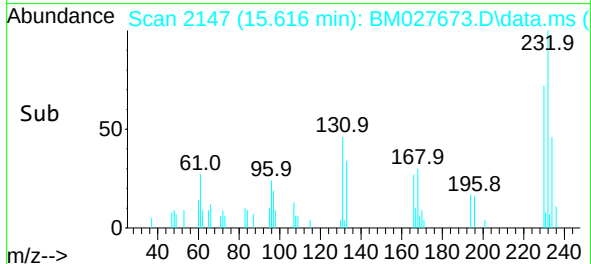
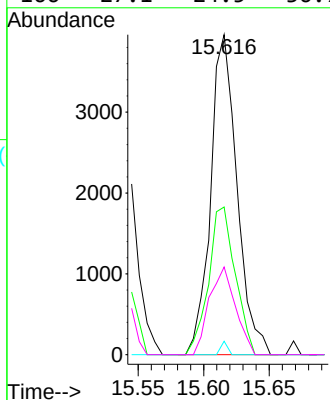
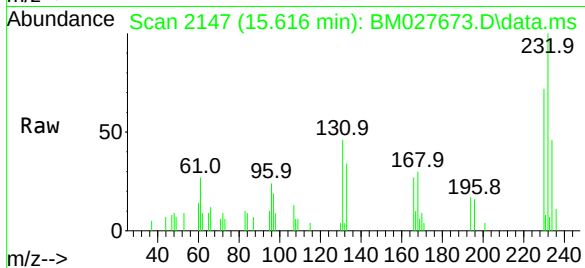




#59
2,3,4,6-Tetrachlorophenol
Concen: 4.51 ng
RT: 15.616 min Scan# 2147
Delta R.T. 0.001 min
Lab File: BM027673.D
Acq: 02 Nov 2020 12:28

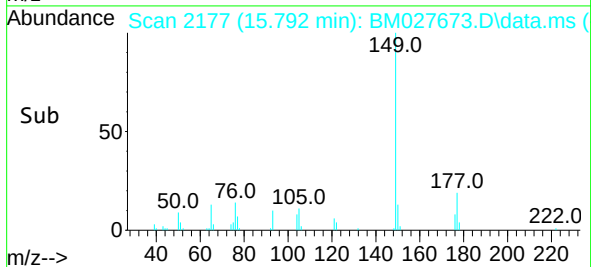
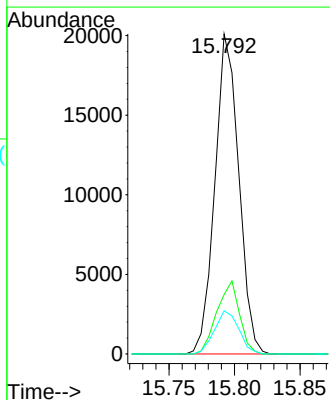
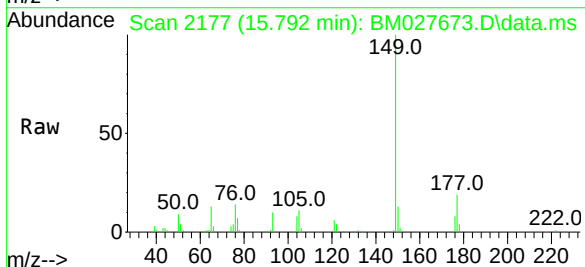
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT4-2020

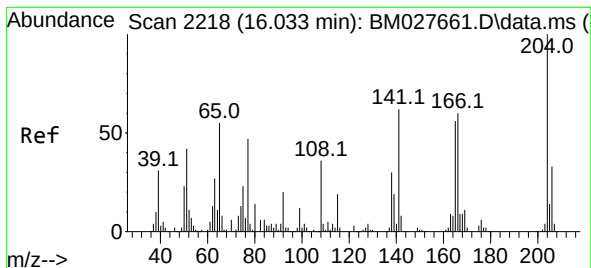
Tgt Ion:	232	Resp:	5540
Ion	Ratio	Lower	Upper
232	100		
131	46.6	32.2	48.2
130	1.1	1.8	2.8#
166	27.1	24.5	36.7



#60
Diethylphthalate
Concen: 4.89 ng
RT: 15.792 min Scan# 2177
Delta R.T. -0.006 min
Lab File: BM027673.D
Acq: 02 Nov 2020 12:28

Tgt Ion:	149	Resp:	25407
Ion	Ratio	Lower	Upper
149	100		
177	18.6	18.2	27.4
150	13.5	10.2	15.4

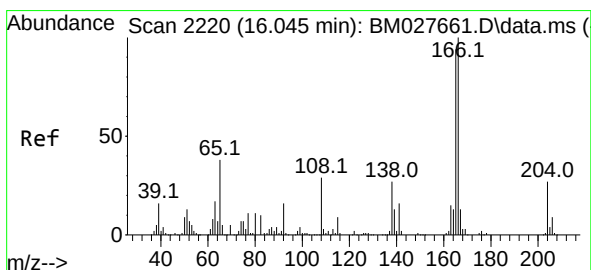
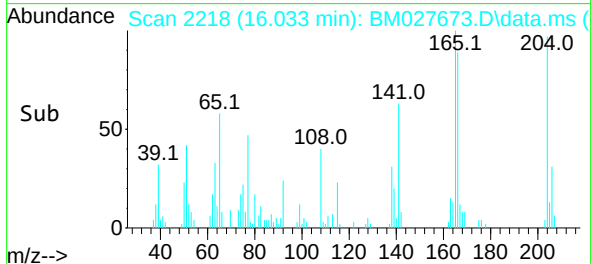
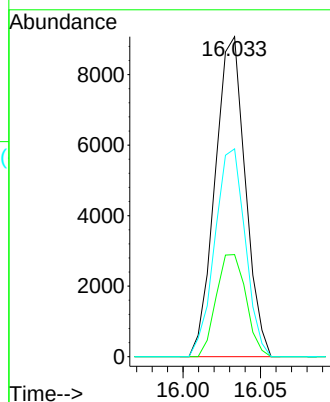
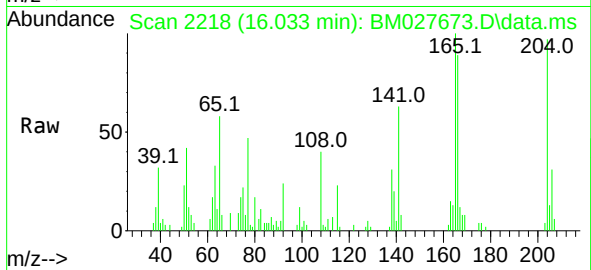




#61
4-Chlorophenyl-phenylether
Concen: 4.92 ng
RT: 16.033 min Scan# 2218
Delta R.T. 0.000 min
Lab File: BM027673.D
Acq: 02 Nov 2020 12:28

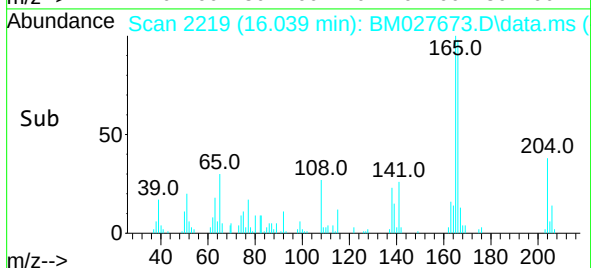
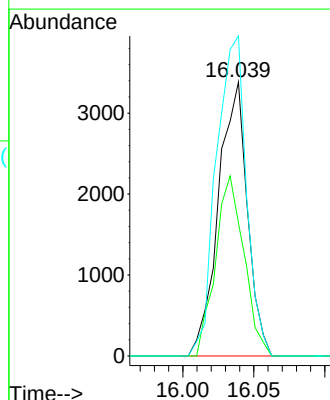
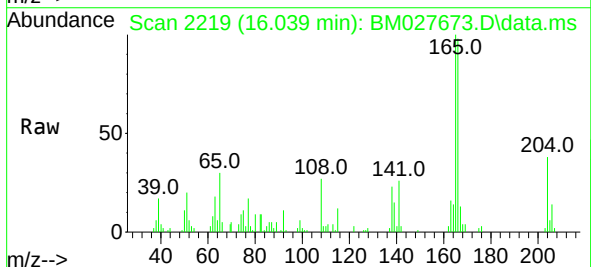
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT4-2020

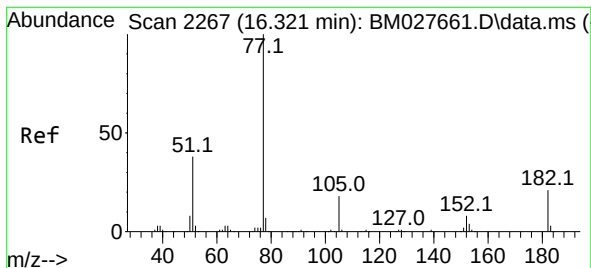
Tgt Ion:	204	Resp:	12313
Ion Ratio	Lower	Upper	
204	100		
206	31.9	26.1	39.1
141	65.0	43.7	65.5



#62
4-Nitroaniline
Concen: 3.73 ng
RT: 16.039 min Scan# 2219
Delta R.T. -0.006 min
Lab File: BM027673.D
Acq: 02 Nov 2020 12:28

Tgt Ion:	138	Resp:	4797
Ion Ratio	Lower	Upper	
138	100		
92	48.6	35.5	75.5
108	116.8	80.5	120.5

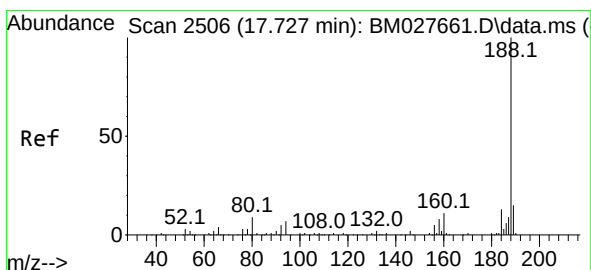
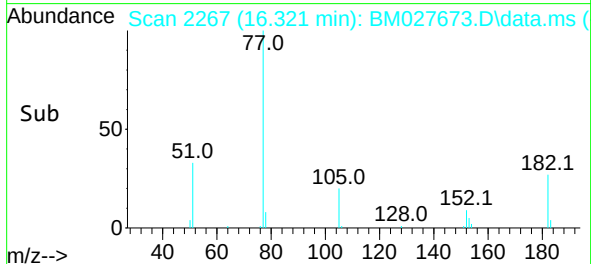
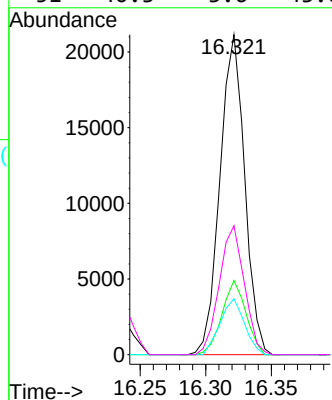
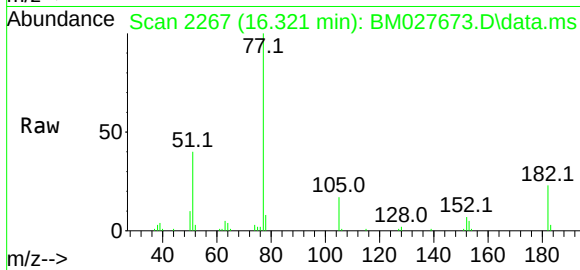




#63
Azobenzene
Concen: 5.14 ng
RT: 16.321 min Scan# 2267
Delta R.T. 0.000 min
Lab File: BM027673.D
Acq: 02 Nov 2020 12:28

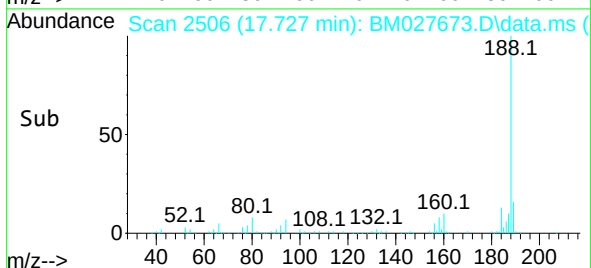
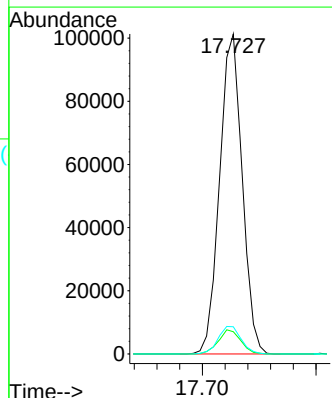
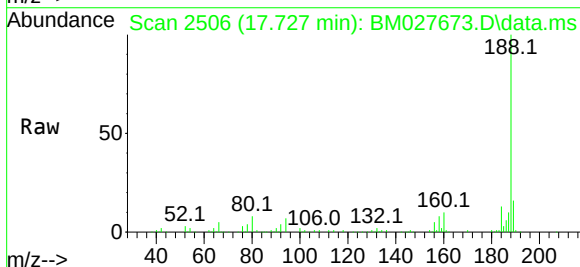
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT4-2020

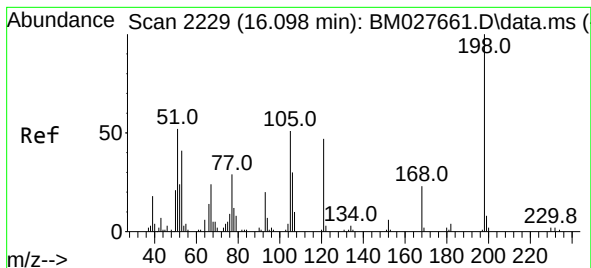
Tgt Ion:	77	Resp:	27682
Ion	Ratio	Lower	Upper
77	100		
182	23.2	5.8	45.8
105	17.5	0.0	37.2
51	40.3	3.6	43.6



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.727 min Scan# 2506
Delta R.T. 0.000 min
Lab File: BM027673.D
Acq: 02 Nov 2020 12:28

Tgt Ion:	188	Resp:	139743
Ion	Ratio	Lower	Upper
188	100		
94	6.9	6.2	9.4
80	8.5	7.5	11.3

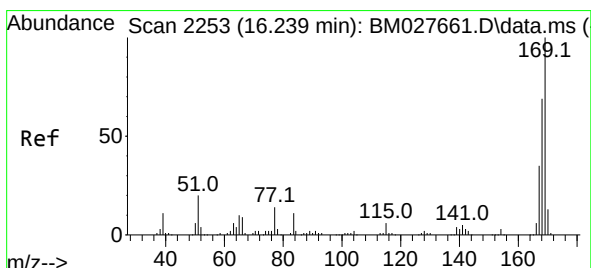
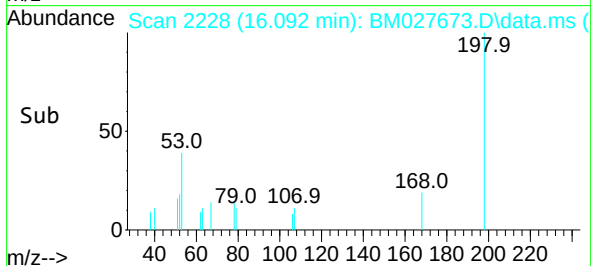
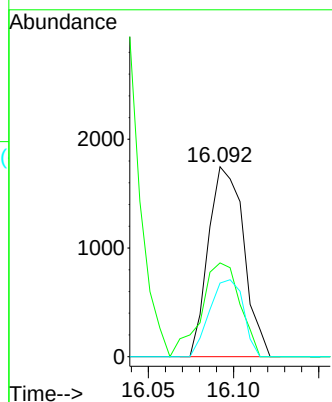
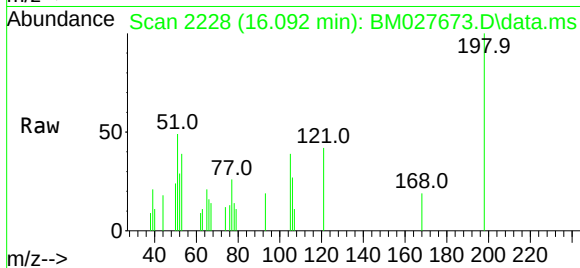




#65
4,6-Dinitro-2-methylphenol
Concen: 4.47 ng
RT: 16.092 min Scan# 2228
Delta R.T. -0.006 min
Lab File: BM027673.D
Acq: 02 Nov 2020 12:28

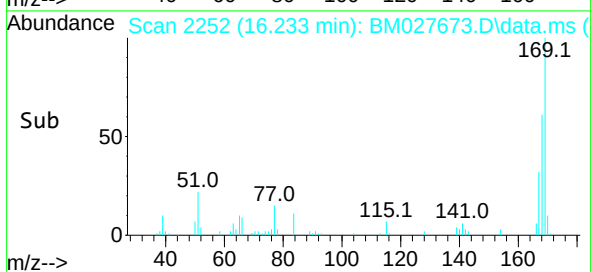
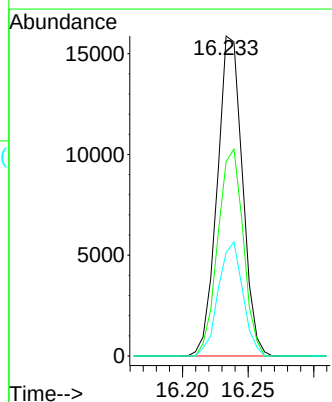
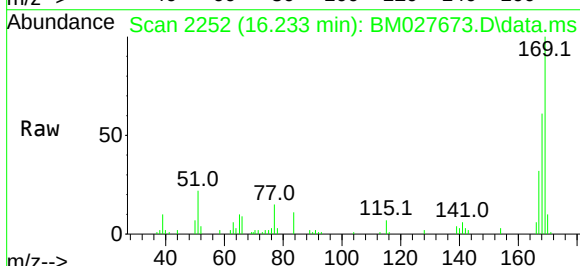
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT4-2020

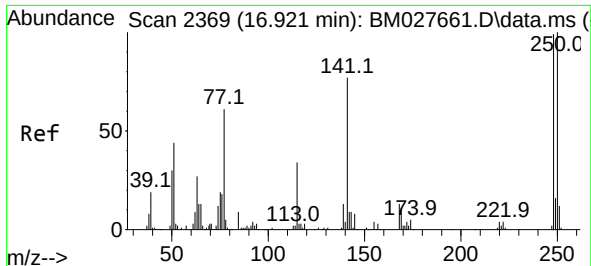
Tgt Ion:198 Resp: 2516
Ion Ratio Lower Upper
198 100
51 49.4 13.0 53.0
105 38.8 18.7 58.7



#66
n-Nitrosodiphenylamine
Concen: 5.03 ng
RT: 16.233 min Scan# 2252
Delta R.T. -0.006 min
Lab File: BM027673.D
Acq: 02 Nov 2020 12:28

Tgt Ion:169 Resp: 21200
Ion Ratio Lower Upper
169 100
168 60.7 53.8 80.8
167 32.3 29.0 43.4

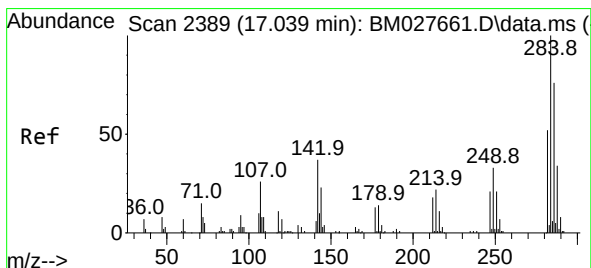
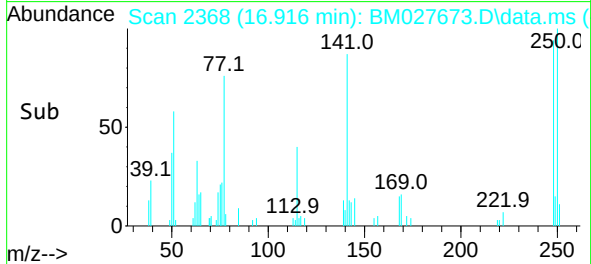
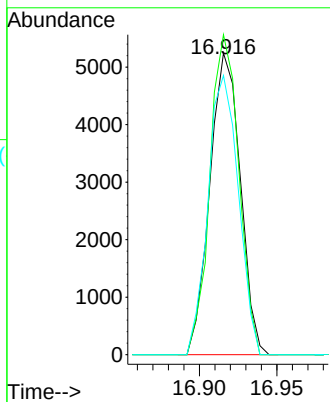
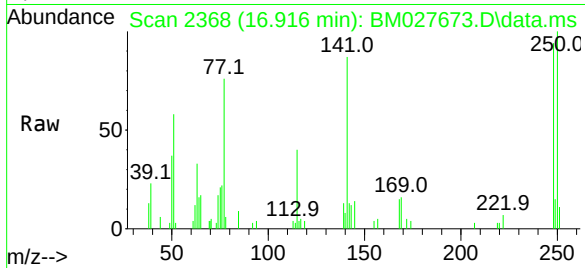




#67
4-Bromophenyl-phenylether
Concen: 4.79 ng
RT: 16.916 min Scan# 2368
Delta R.T. -0.006 min
Lab File: BM027673.D
Acq: 02 Nov 2020 12:28

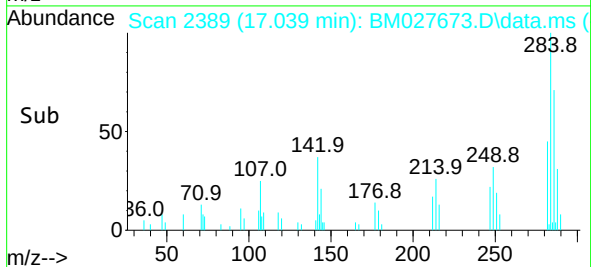
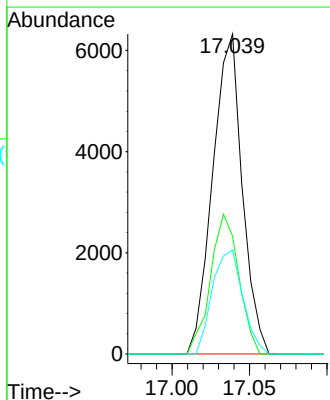
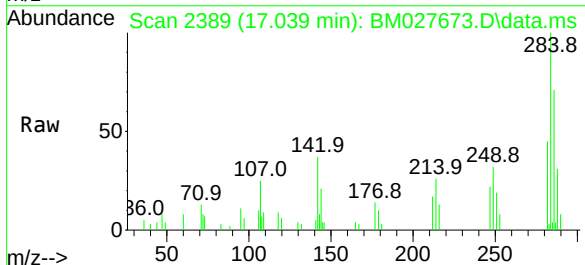
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT4-2020

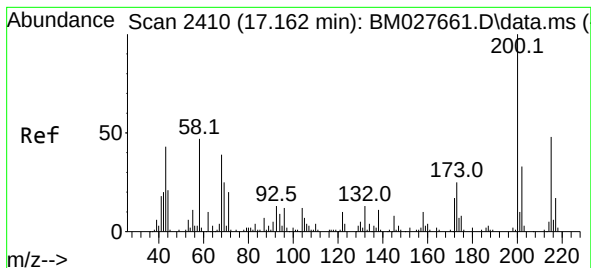
Tgt Ion:248 Resp: 7161
Ion Ratio Lower Upper
248 100
250 106.1 79.1 118.7
141 92.5 51.8 77.8#



#68
Hexachlorobenzene
Concen: 4.83 ng
RT: 17.039 min Scan# 2389
Delta R.T. 0.000 min
Lab File: BM027673.D
Acq: 02 Nov 2020 12:28

Tgt Ion:284 Resp: 8380
Ion Ratio Lower Upper
284 100
142 36.8 26.1 39.1
249 32.5 25.6 38.4





#69

Atrazine

Concen: 4.85 ng

RT: 17.157 min Scan# 2409

Delta R.T. -0.006 min

Lab File: BM027673.D

Acq: 02 Nov 2020 12:28

Tgt Ion:200 Resp: 6923

Ion Ratio Lower Upper

200 100

173 26.7 4.9 44.9

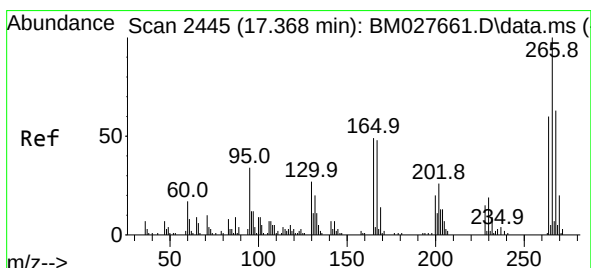
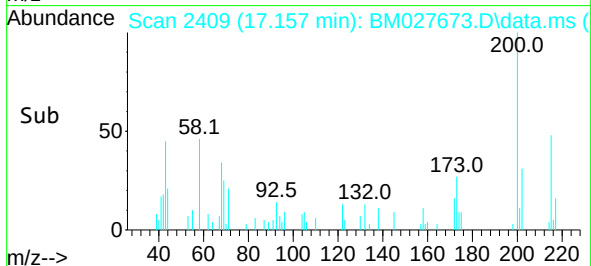
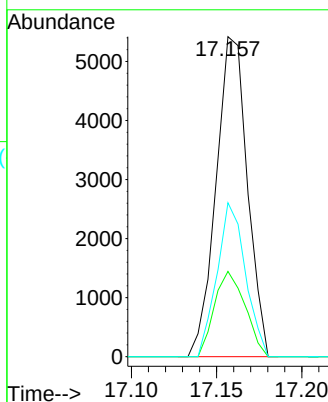
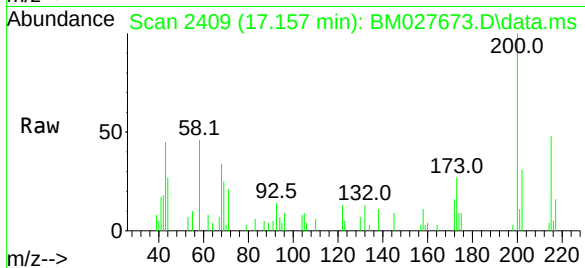
215 48.1 29.0 69.0

Instrument :

BNA_M

ClientSampleId :

LOQ-SOIL-02-QT4-2020



#70

Pentachlorophenol

Concen: 4.35 ng

RT: 17.368 min Scan# 2445

Delta R.T. 0.000 min

Lab File: BM027673.D

Acq: 02 Nov 2020 12:28

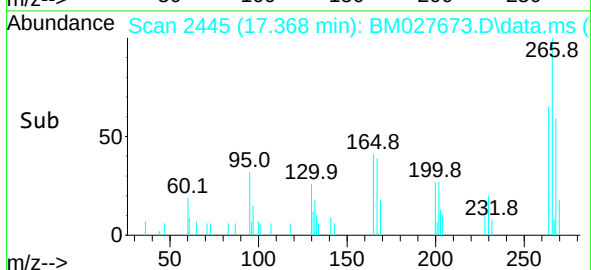
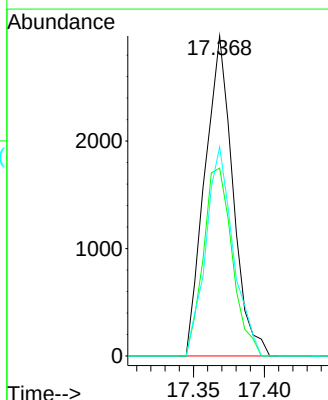
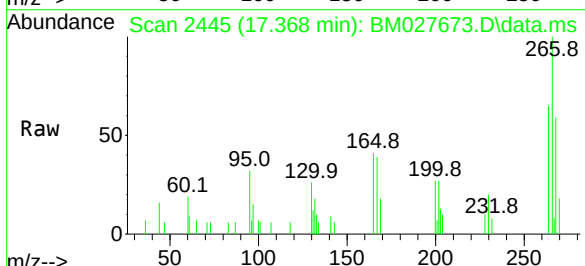
Tgt Ion:266 Resp: 4089

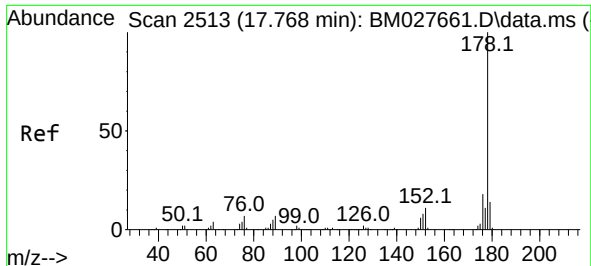
Ion Ratio Lower Upper

266 100

268 58.7 49.9 74.9

264 65.3 50.6 76.0

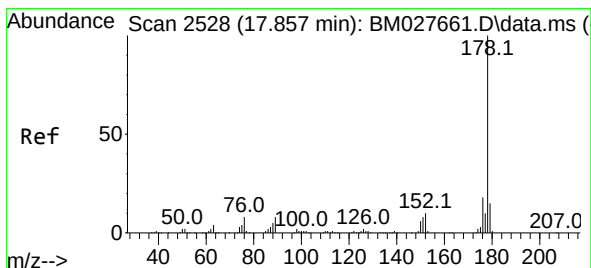
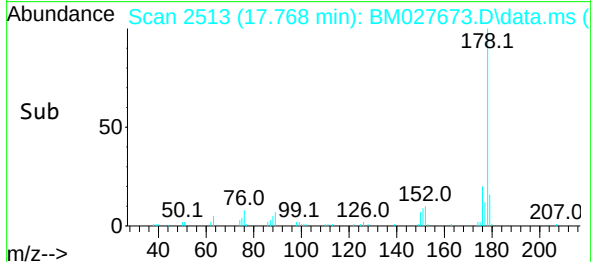
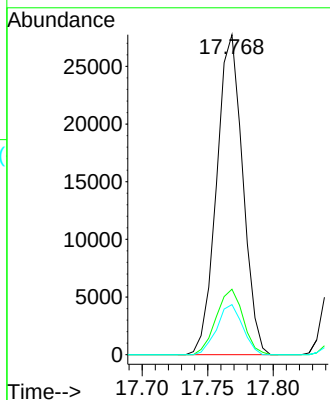
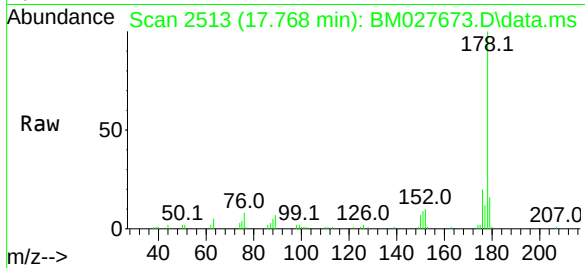




#71
Phenanthrene
Concen: 4.87 ng
RT: 17.768 min Scan# 2513
Delta R.T. 0.000 min
Lab File: BM027673.D
Acq: 02 Nov 2020 12:28

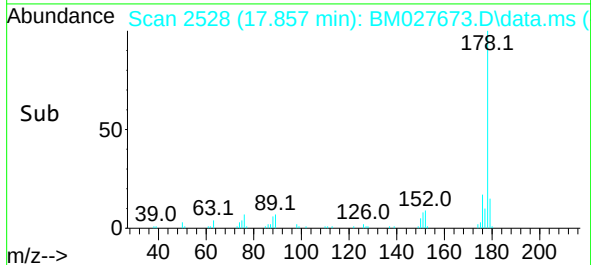
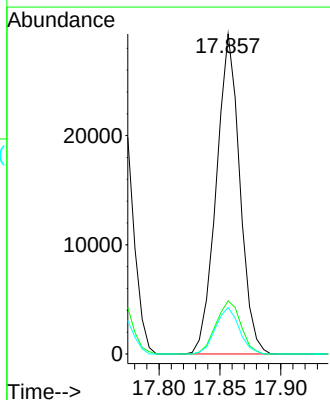
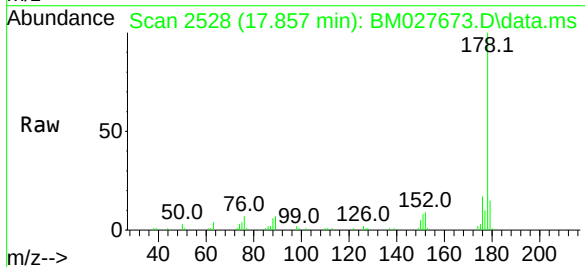
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT4-2020

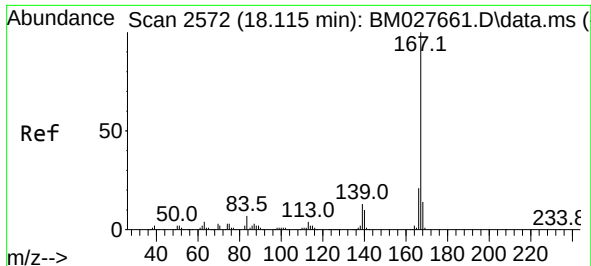
Tgt Ion:178 Resp: 38419
Ion Ratio Lower Upper
178 100
176 20.4 15.0 22.6
179 15.6 12.2 18.4



#72
Anthracene
Concen: 5.10 ng
RT: 17.857 min Scan# 2528
Delta R.T. 0.000 min
Lab File: BM027673.D
Acq: 02 Nov 2020 12:28

Tgt Ion:178 Resp: 39352
Ion Ratio Lower Upper
178 100
176 16.6 15.0 22.4
179 14.5 12.5 18.7

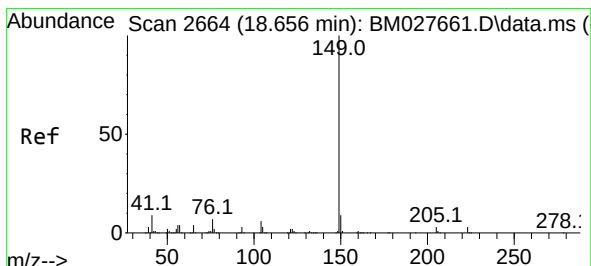
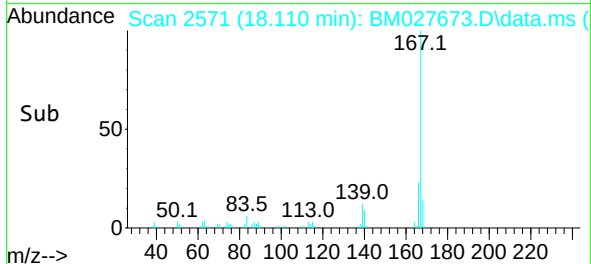
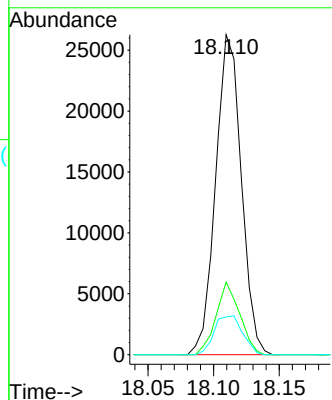
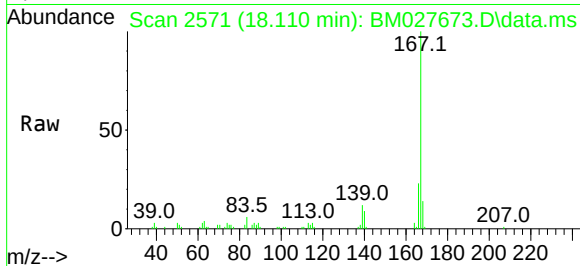




#73
 Carbazole
 Concen: 4.87 ng
 RT: 18.110 min Scan# 2571
 Delta R.T. -0.006 min
 Lab File: BM027673.D
 Acq: 02 Nov 2020 12:28

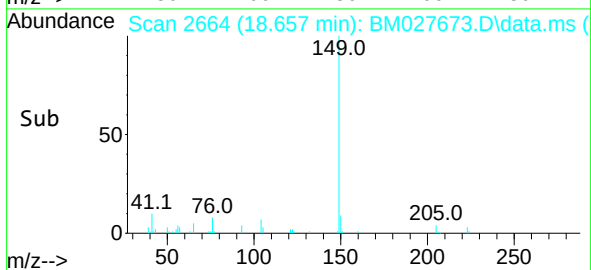
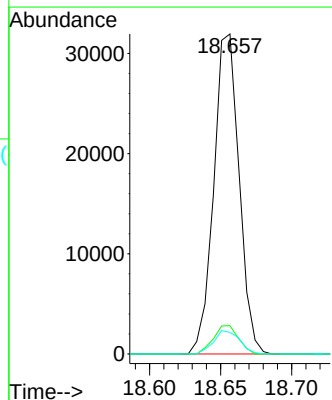
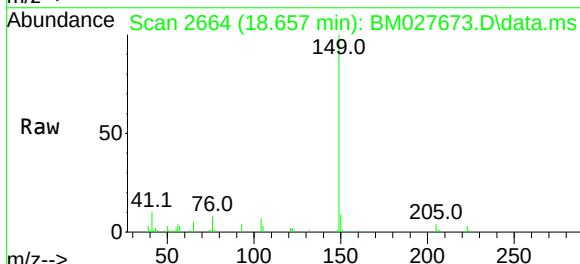
Instrument :
 BNA_M
 ClientSampleId :
 LOQ-SOIL-02-QT4-2020

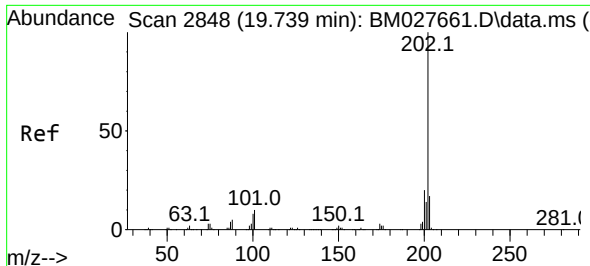
Tgt Ion:167	Resp:	35657
Ion Ratio	Lower	Upper
167	100	
166	22.7	16.9 25.3
139	11.8	9.9 14.9



#74
 Di-n-butylphthalate
 Concen: 4.60 ng
 RT: 18.657 min Scan# 2664
 Delta R.T. 0.000 min
 Lab File: BM027673.D
 Acq: 02 Nov 2020 12:28

Tgt Ion:149	Resp:	39597
Ion Ratio	Lower	Upper
149	100	
150	8.9	7.4 11.0
104	6.8	4.7 7.1

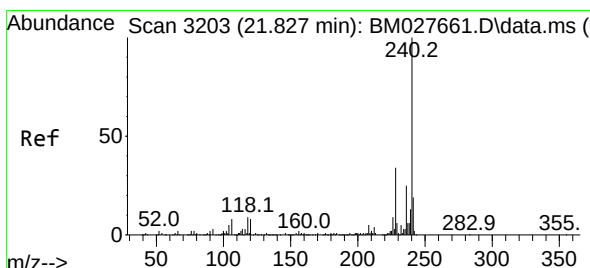
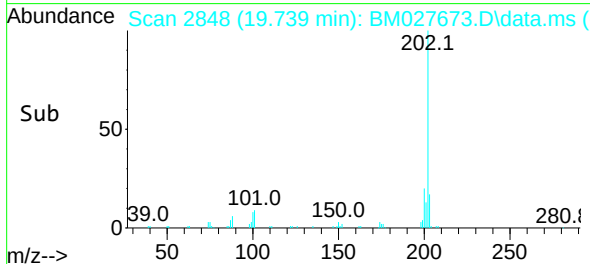
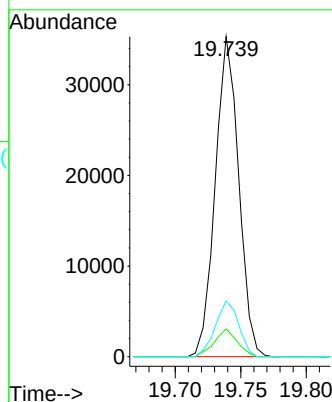
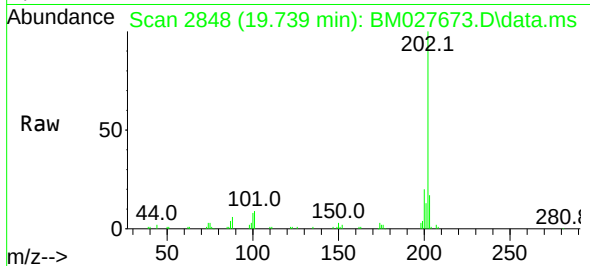




#75
Fluoranthene
Concen: 4.72 ng
RT: 19.739 min Scan# 2848
Delta R.T. 0.000 min
Lab File: BM027673.D
Acq: 02 Nov 2020 12:28

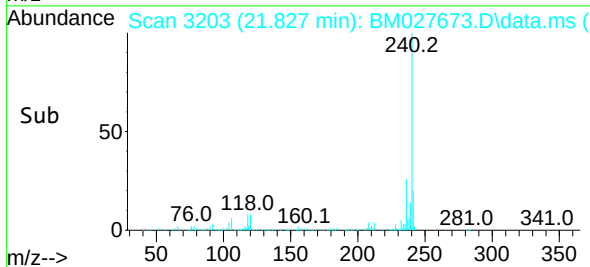
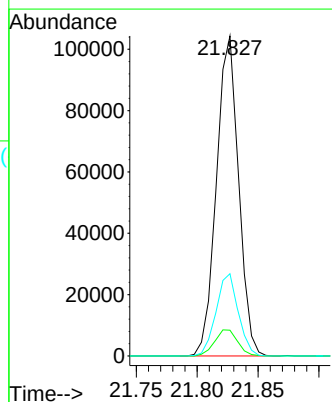
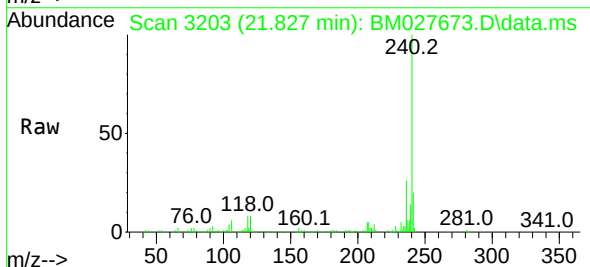
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT4-2020

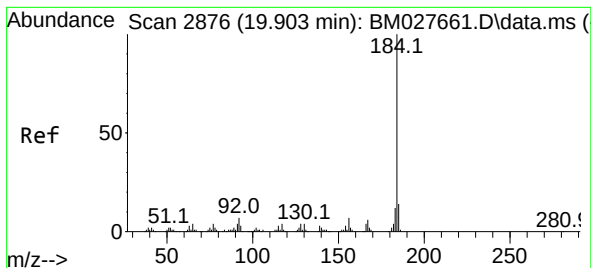
Tgt Ion:	202	Resp:	43785
Ion	Ratio	Lower	Upper
202	100		
101	8.7	0.0	28.5
203	17.5	0.0	37.3



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.827 min Scan# 3203
Delta R.T. 0.000 min
Lab File: BM027673.D
Acq: 02 Nov 2020 12:28

Tgt Ion:	240	Resp:	132243
Ion	Ratio	Lower	Upper
240	100		
120	8.0	6.4	9.6
236	25.7	20.1	30.1





#77

Benzidine

Concen: 5.15 ng

RT: 19.904 min Scan# 2876

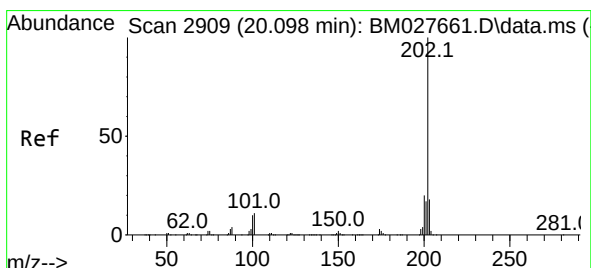
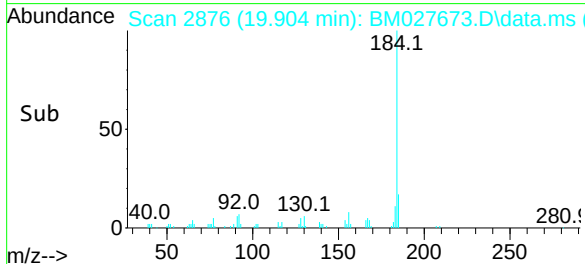
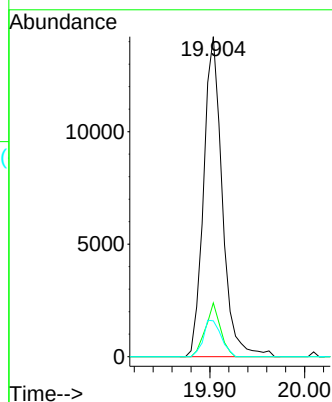
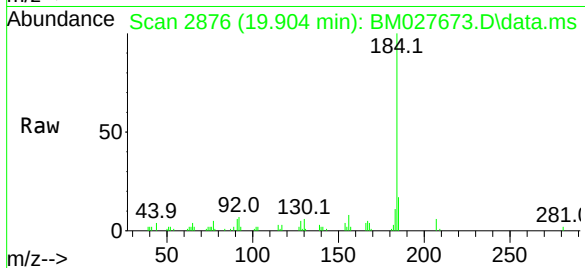
Delta R.T. 0.000 min

Lab File: BM027673.D

Acq: 02 Nov 2020 12:28

Tgt Ion:184 Resp: 19393

Ion	Ratio	Lower	Upper
184	100		
185	16.8	11.0	16.6#
183	11.2	9.7	14.5



#78

Pyrene

Concen: 5.02 ng

RT: 20.098 min Scan# 2909

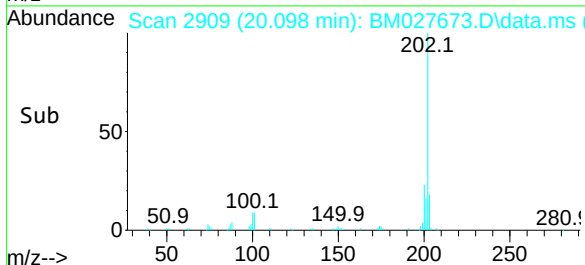
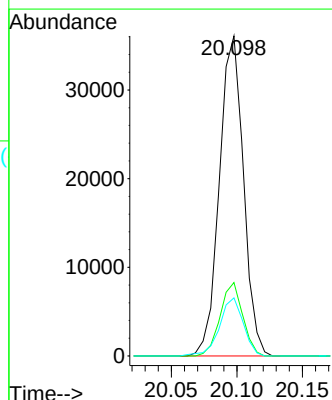
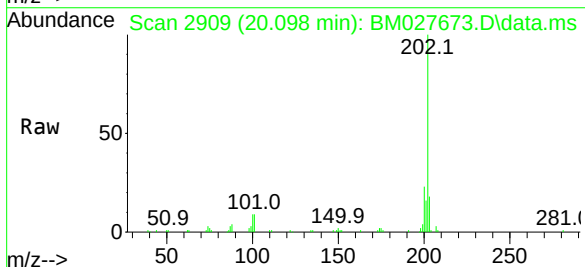
Delta R.T. 0.000 min

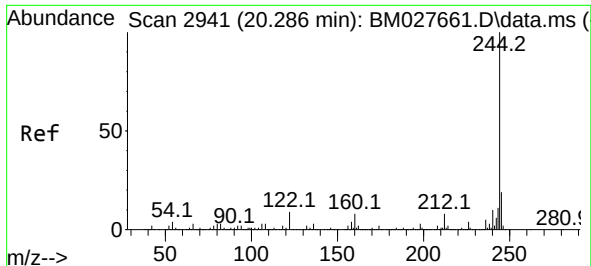
Lab File: BM027673.D

Acq: 02 Nov 2020 12:28

Tgt Ion:202 Resp: 46082

Ion	Ratio	Lower	Upper
202	100		
200	23.0	16.6	24.8
203	18.2	13.8	20.6

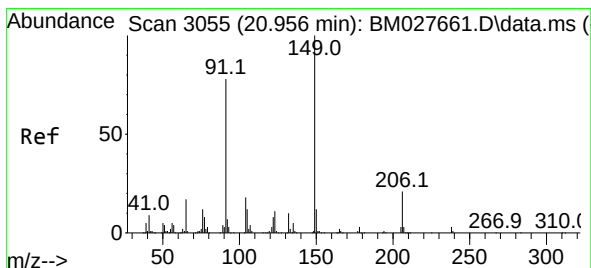
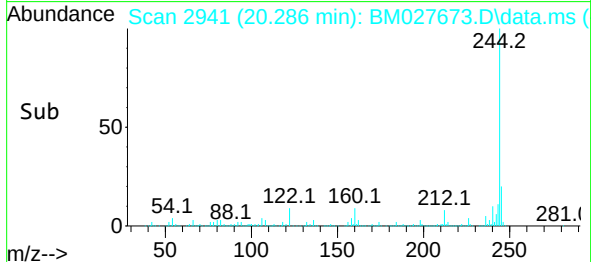
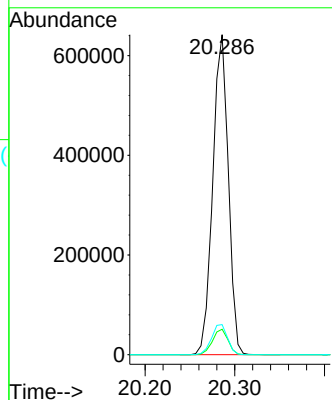
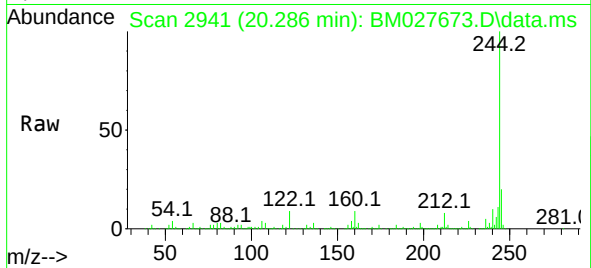




#79
 Terphenyl-d14
 Concen: 115.06 ng
 RT: 20.286 min Scan# 2941
 Delta R.T. 0.000 min
 Lab File: BM027673.D
 Acq: 02 Nov 2020 12:28

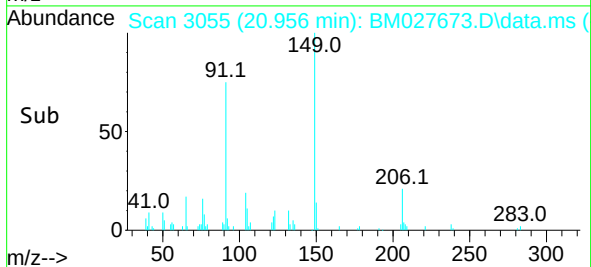
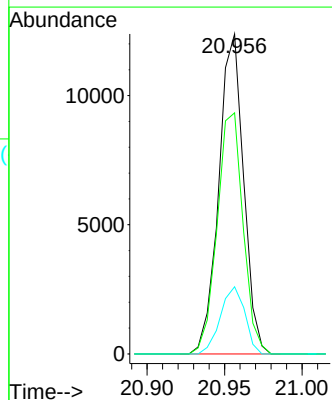
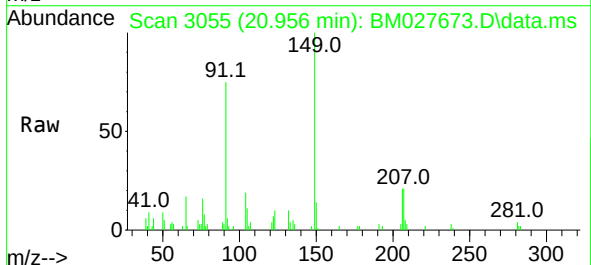
Instrument :
 BNA_M
 ClientSampleId :
 LOQ-SOIL-02-QT4-2020

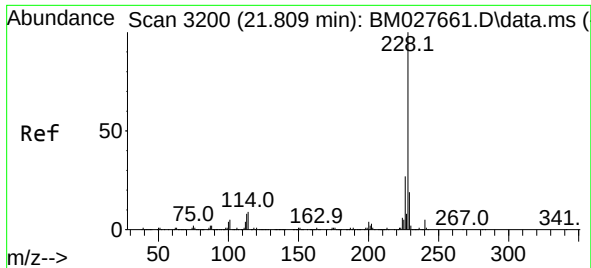
Tgt Ion:244 Resp: 771369
 Ion Ratio Lower Upper
 244 100
 212 8.0 5.8 8.8
 122 9.4 6.5 9.7



#80
 Butylbenzylphthalate
 Concen: 3.97 ng
 RT: 20.956 min Scan# 3055
 Delta R.T. 0.000 min
 Lab File: BM027673.D
 Acq: 02 Nov 2020 12:28

Tgt Ion:149 Resp: 13774
 Ion Ratio Lower Upper
 149 100
 91 75.3 58.1 87.1
 206 21.0 18.7 28.1

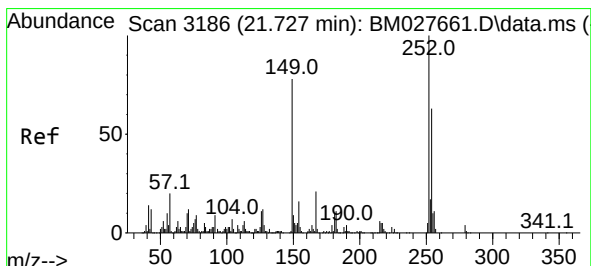
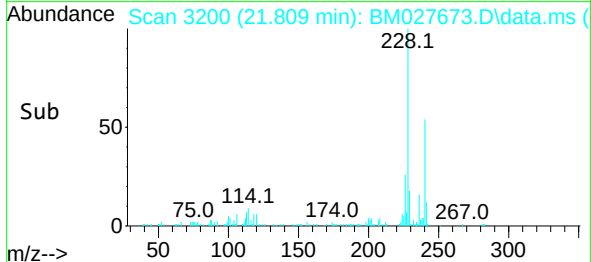
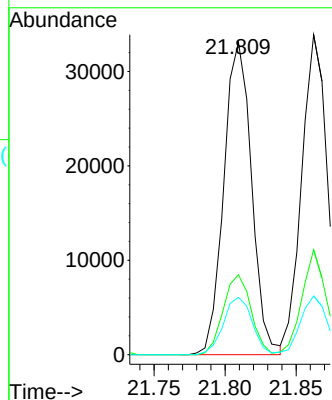
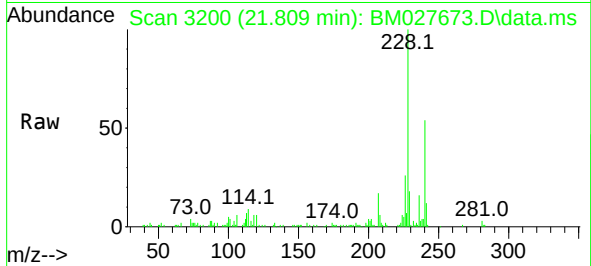




#81
Benzo(a)anthracene
Concen: 5.05 ng
RT: 21.809 min Scan# 3200
Delta R.T. 0.000 min
Lab File: BM027673.D
Acq: 02 Nov 2020 12:28

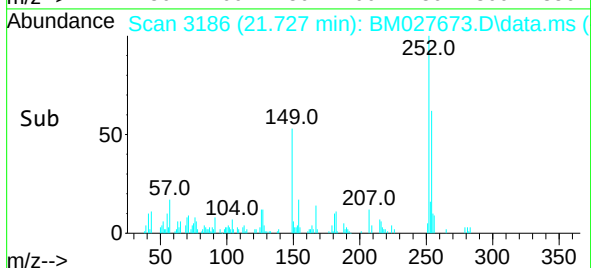
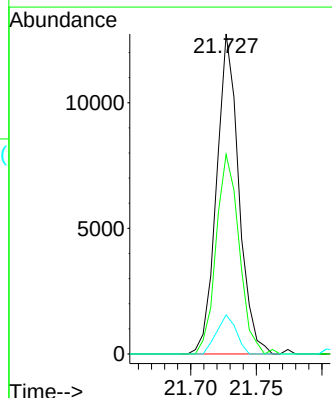
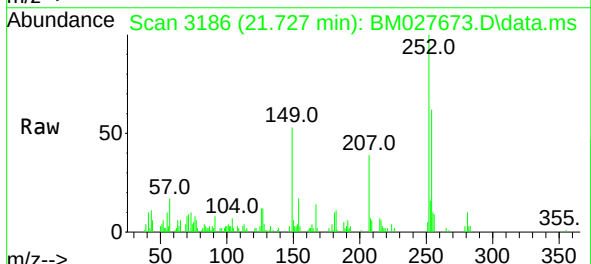
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT4-2020

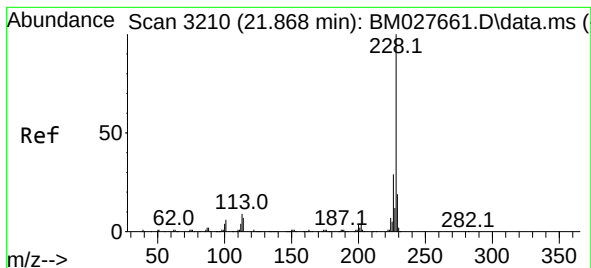
Tgt Ion:	228	Resp:	45038
Ion	Ratio	Lower	Upper
228	100		
226	25.5	21.1	31.7
229	18.3	15.7	23.5



#82
3,3'-Dichlorobenzidine
Concen: 4.90 ng
RT: 21.727 min Scan# 3186
Delta R.T. 0.000 min
Lab File: BM027673.D
Acq: 02 Nov 2020 12:28

Tgt Ion:	252	Resp:	15010
Ion	Ratio	Lower	Upper
252	100		
254	62.3	51.4	77.0
126	12.2	6.8	10.2#





#83

Chrysene

Concen: 4.95 ng

RT: 21.862 min Scan# 3209

Delta R.T. -0.006 min

Lab File: BM027673.D

Acq: 02 Nov 2020 12:28

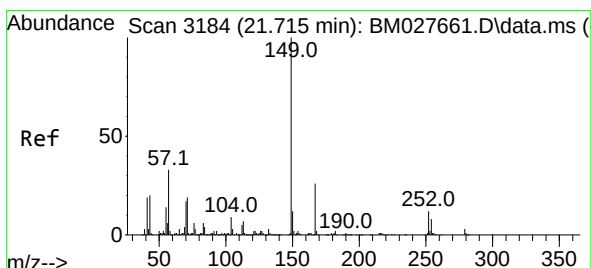
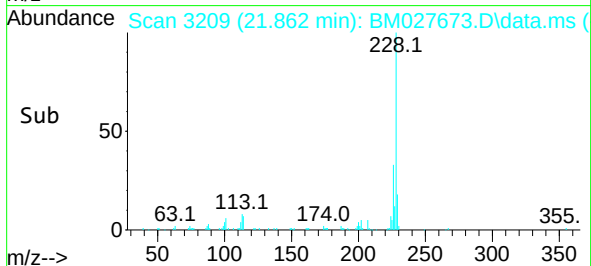
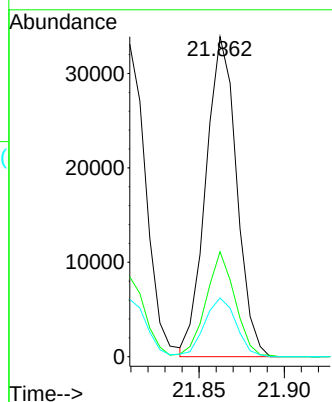
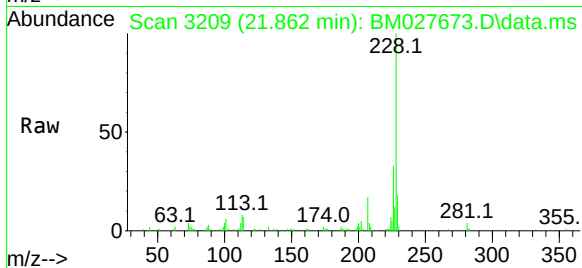
Tgt Ion:	228	Resp:	42666
Ion Ratio	Lower	Upper	
228	100		
226	32.8	23.4	35.0
229	18.3	15.7	23.5

Instrument :

BNA_M

ClientSampleId :

LOQ-SOIL-02-QT4-2020



#84

Bis(2-ethylhexyl)phthalate

Concen: 4.64 ng

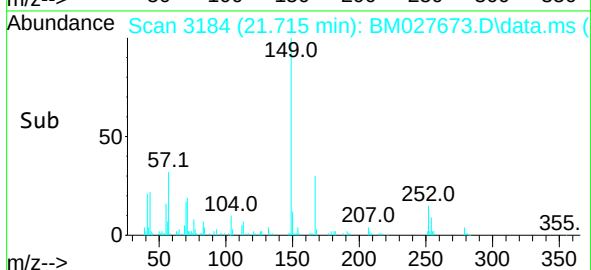
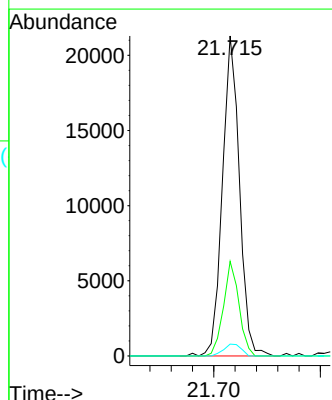
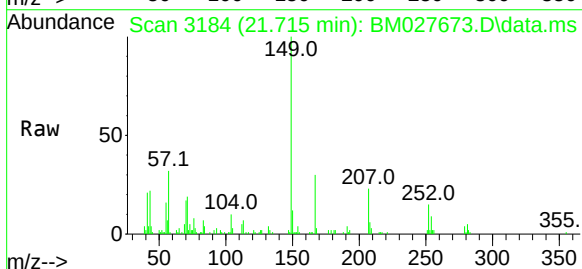
RT: 21.715 min Scan# 3184

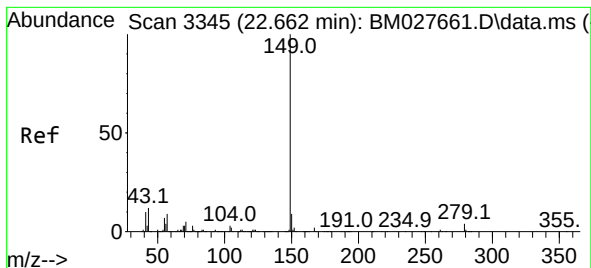
Delta R.T. 0.000 min

Lab File: BM027673.D

Acq: 02 Nov 2020 12:28

Tgt Ion:	149	Resp:	23520
Ion Ratio	Lower	Upper	
149	100		
167	29.5	22.7	34.1
279	3.7	4.0	6.0#

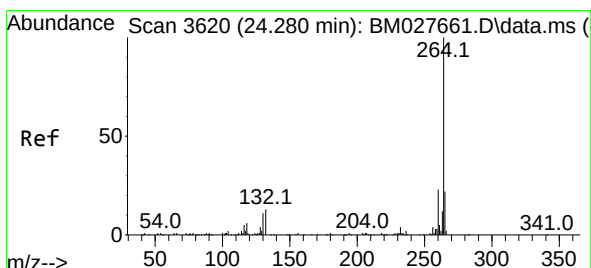
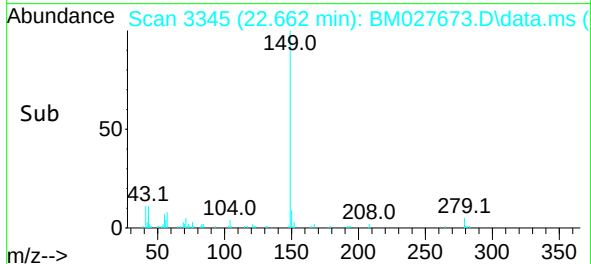
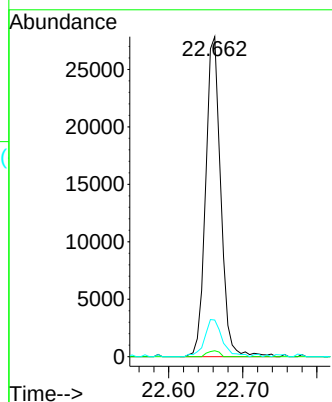
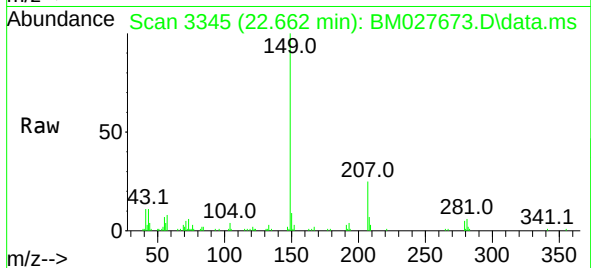




#85
Di-n-octyl phthalate
Concen: 4.60 ng
RT: 22.662 min Scan# 3345
Delta R.T. 0.000 min
Lab File: BM027673.D
Acq: 02 Nov 2020 12:28

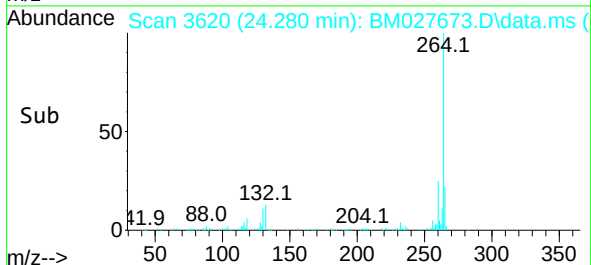
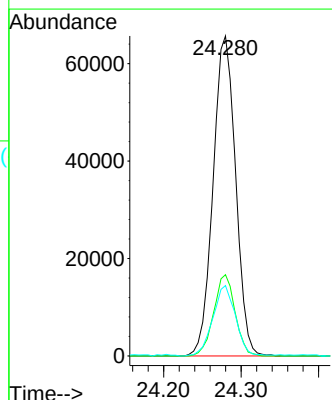
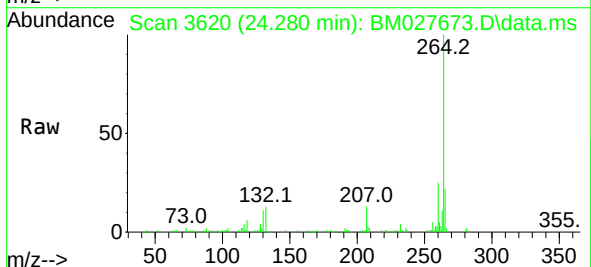
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT4-2020

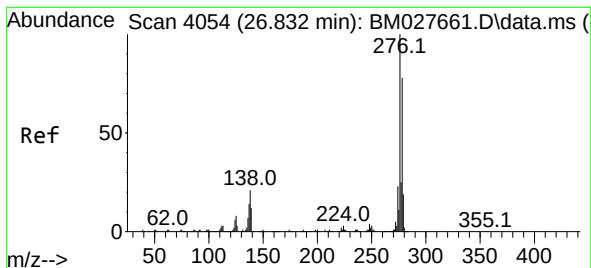
Tgt Ion:149 Resp: 39416
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 13.6 5.8 8.6#



#86
Perylene-d12
Concen: 20.00 ng
RT: 24.280 min Scan# 3620
Delta R.T. 0.000 min
Lab File: BM027673.D
Acq: 02 Nov 2020 12:28

Tgt Ion:264 Resp: 132587
Ion Ratio Lower Upper
264 100
260 25.4 19.0 28.4
265 22.0 17.7 26.5





#87

Indeno(1,2,3-cd)pyrene

Concen: 4.86 ng

RT: 26.821 min Scan# 4052

Delta R.T. -0.012 min

Lab File: BM027673.D

Acq: 02 Nov 2020 12:28

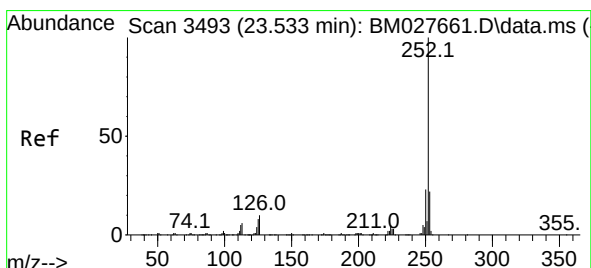
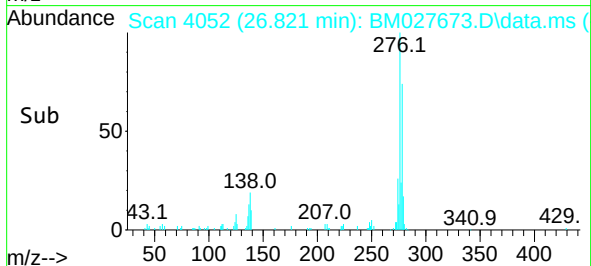
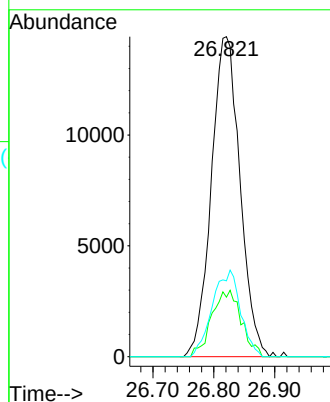
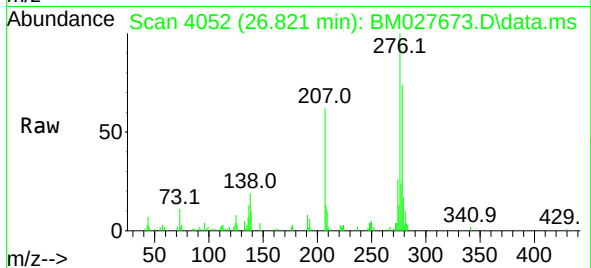
Tgt Ion:	276	Resp:	47154
Ion Ratio	Lower	Upper	
276	100		
138	21.5	14.2	21.4#
277	26.6	19.8	29.8

Instrument :

BNA_M

ClientSampleId :

LOQ-SOIL-02-QT4-2020



#88

Benzo(b)fluoranthene

Concen: 5.07 ng

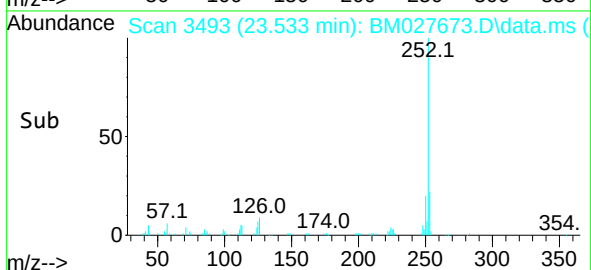
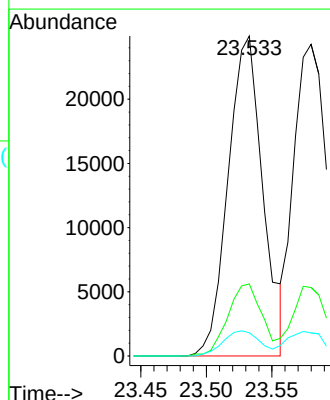
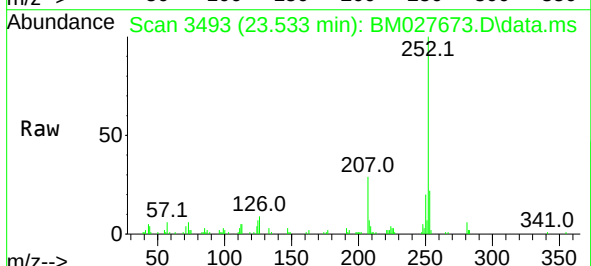
RT: 23.533 min Scan# 3493

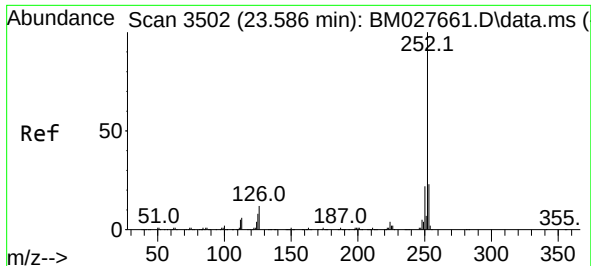
Delta R.T. 0.000 min

Lab File: BM027673.D

Acq: 02 Nov 2020 12:28

Tgt Ion:	252	Resp:	45853
Ion Ratio	Lower	Upper	
252	100		
253	22.5	17.4	26.0
125	7.3	5.7	8.5

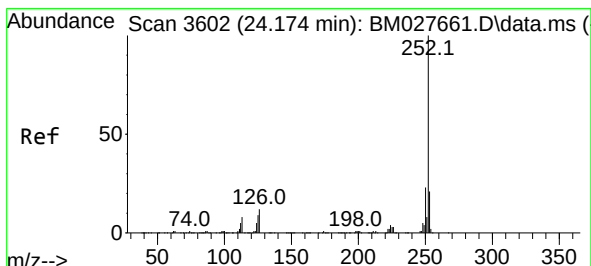
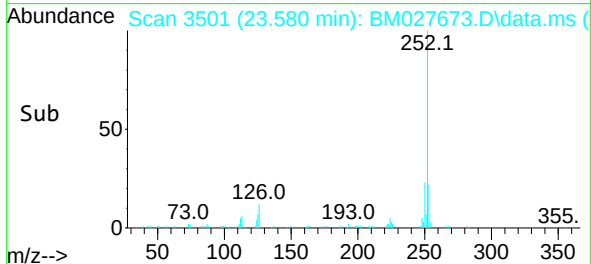
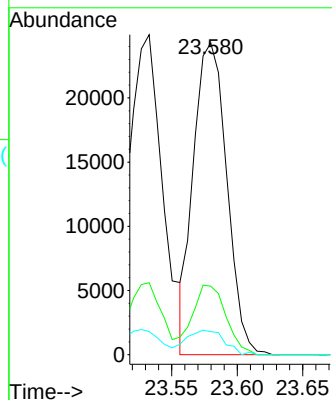
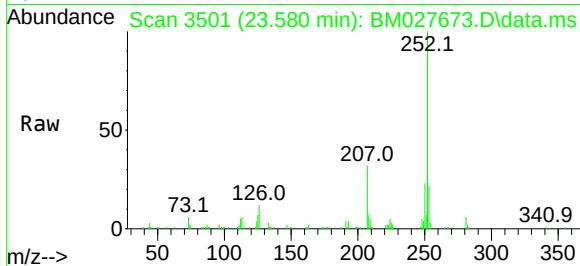




#89
Benzo(k)fluoranthene
Concen: 4.98 ng
RT: 23.580 min Scan# 3501
Delta R.T. -0.006 min
Lab File: BM027673.D
Acq: 02 Nov 2020 12:28

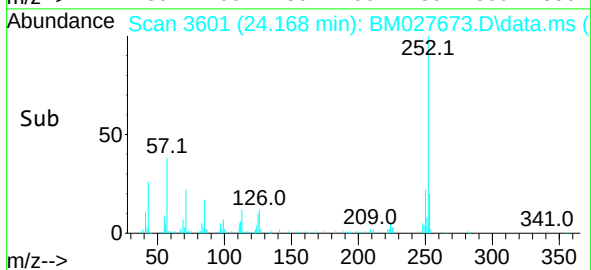
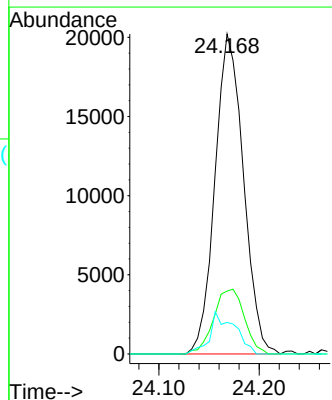
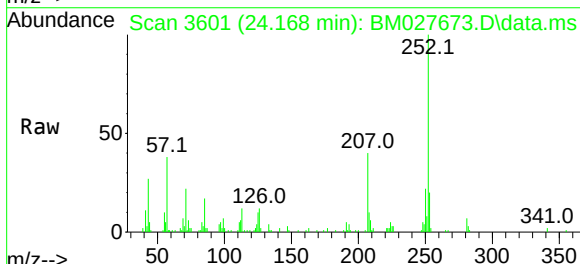
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT4-2020

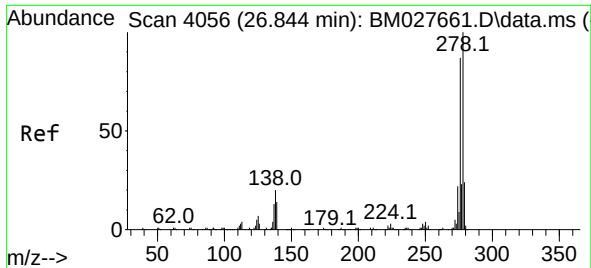
Tgt Ion:252 Resp: 42868
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.0
125 7.4 5.6 8.4



#90
Benzo(a)pyrene
Concen: 4.78 ng
RT: 24.168 min Scan# 3601
Delta R.T. -0.006 min
Lab File: BM027673.D
Acq: 02 Nov 2020 12:28

Tgt Ion:252 Resp: 39835
Ion Ratio Lower Upper
252 100
253 19.7 17.4 26.2
125 9.9 6.6 9.8#

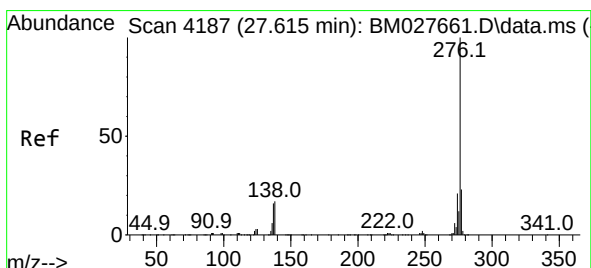
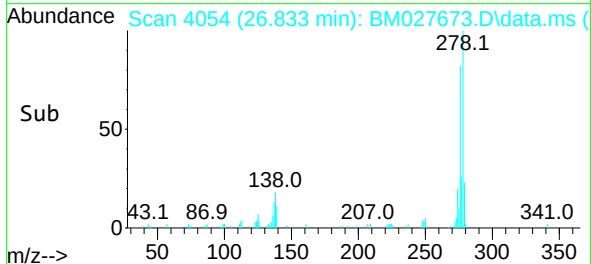
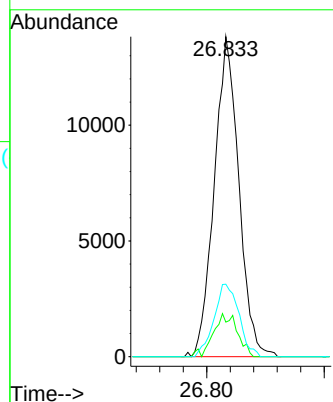
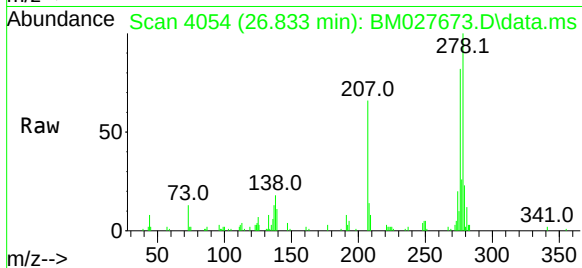




#91
Dibenzo(a,h)anthracene
Concen: 5.05 ng
RT: 26.833 min Scan# 4054
Delta R.T. -0.012 min
Lab File: BM027673.D
Acq: 02 Nov 2020 12:28

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

Tgt Ion:	278	Resp:	40058
Ion	Ratio	Lower	Upper
278	100		
139	10.8	9.0	13.6
279	22.7	19.0	28.4



#92
Benzo(g,h,i)perylene
Concen: 5.19 ng
RT: 27.597 min Scan# 4184
Delta R.T. -0.018 min
Lab File: BM027673.D
Acq: 02 Nov 2020 12:28

Tgt Ion:	276	Resp:	40225
Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.6	28.0
138	16.8	12.2	18.2

