

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061920\
 Data File : BM026464.D
 Acq On : 19 Jun 2020 11:07
 Operator : JU/CG
 Sample : L1161-01
 Misc : LOD-MDL-S-8PPM
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2020

Quant Time: Jun 19 11:41:46 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM060520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 19 10:44:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	106162	20.00	ng	0.00
21) Naphthalene-d8	10.15	136	446201	20.00	ng	0.00
39) Acenaphthene-d10	14.04	164	307960	20.00	ng	0.00
64) Phenanthrene-d10	16.80	188	678054	20.00	ng	0.00
76) Chrysene-d12	21.02	240	619212	20.00	ng	0.00
86) Perylene-d12	23.11	264	549531	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.02	112	969196	161.41	ng	0.00
7) Phenol-d6	6.60	99	1420010	163.32	ng	0.00
23) Nitrobenzene-d5	8.54	82	1036511	114.06	ng	0.00
42) 2,4,6-Tribromophenol	15.56	330	712921	191.11	ng	0.00
45) 2-Fluorobiphenyl	12.66	172	2290460	112.90	ng	0.00
79) Terphenyl-d14	19.46	244	3860014	121.01	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.00	88	21538	7.956	ng	96
3) Pyridine	3.41	79	48668	6.121	ng	93
4) n-Nitrosodimethylamine	3.32	42	31374	7.969	ng	# 88
6) Aniline	6.73	93	83435	7.316	ng	97
8) 2-Chlorophenol	6.96	128	51076	7.375	ng	95
9) Benzaldehyde	6.55	77	57294	10.334	ng	95
10) Phenol	6.62	94	66149	7.144	ng	93
11) bis(2-Chloroethyl)ether	6.84	93	53635	7.191	ng	97
12) 1,3-Dichlorobenzene	7.28	146	55611	7.252	ng	99
13) 1,4-Dichlorobenzene	7.42	146	57452	7.356	ng	97
14) 1,2-Dichlorobenzene	7.73	146	55484	7.272	ng	98
15) Benzyl Alcohol	7.64	79	48278	6.539	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.92	45	104528	7.504	ng	98
17) 2-Methylphenol	7.85	107	42925	6.343	ng	97
18) Hexachloroethane	8.45	117	21357	7.220	ng	98
19) n-Nitroso-di-n-propylamine	8.20	70	52318	7.722	ng	97
20) 3+4-Methylphenols	8.18	107	57672	6.252	ng	97
22) Acetophenone	8.21	105	90372	7.877	ng	# 93
24) Nitrobenzene	8.58	77	76418	8.033	ng	98
25) Isophorone	9.10	82	131642	7.711	ng	99
26) 2-Nitrophenol	9.28	139	25549	6.786	ng	# 87
27) 2,4-Dimethylphenol	9.36	122	37208	6.260	ng	90
28) bis(2-Chloroethoxy)methane	9.59	93	77288	7.979	ng	99
29) 2,4-Dichlorophenol	9.82	162	45965	7.049	ng	98
30) 1,2,4-Trichlorobenzene	10.02	180	54874	7.674	ng	96
31) Naphthalene	10.20	128	173187	7.702	ng	99
32) Benzoic acid	9.47	122	10946	2.479	ng	96
33) 4-Chloroaniline	10.33	127	65368	6.665	ng	99
34) Hexachlorobutadiene	10.49	225	34855	7.721	ng	96
35) Caprolactam	11.10	113	17642	7.700	ng	97
36) 4-Chloro-3-methylphenol	11.47	107	59293	7.462	ng	95
37) 2-Methylnaphthalene	11.82	142	125992	7.863	ng	98
38) 1-Methylnaphthalene	12.05	142	123016	8.104	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.21	216	68977	7.868	ng	99

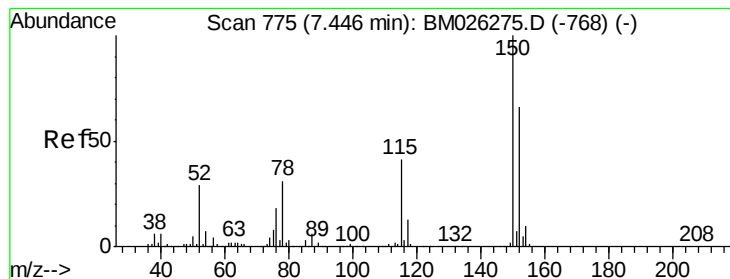
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061920\
 Data File : BM026464.D
 Acq On : 19 Jun 2020 11:07
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 19 10:44:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.19	237	17516	3.391	ng	97
43) 2,4,6-Trichlorophenol	12.46	196	39673	6.686	ng	98
44) 2,4,5-Trichlorophenol	12.54	196	44364	6.441	ng	95
46) 1,1'-Biphenyl	12.87	154	176083	8.156	ng	99
47) 2-Chloronaphthalene	12.90	162	126027	7.186	ng	99
48) 2-Nitroaniline	13.12	65	44715	6.434	ng	91
49) Acenaphthylene	13.76	152	208206	7.423	ng	99
50) Dimethylphthalate	13.52	163	171800	7.627	ng	99
51) 2,6-Dinitrotoluene	13.63	165	35869	7.257	ng	95
52) Acenaphthene	14.11	154	125594	7.459	ng	98
53) 3-Nitroaniline	13.97	138	30199	5.487	ng	94
54) 2,4-Dinitrophenol	14.19	184	10778	3.588	ng	# 84
55) Dibenzofuran	14.45	168	205913	7.589	ng	99
56) 4-Nitrophenol	14.32	139	20112	4.608	ng	99
57) 2,4-Dinitrotoluene	14.44	165	47194	6.867	ng	# 85
58) Fluorene	15.10	166	165209	7.497	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.69	232	42690	7.247	ng	98
60) Diethylphthalate	14.90	149	173046	7.542	ng	99
61) 4-Chlorophenyl-phenylether	15.11	204	87243	7.464	ng	97
62) 4-Nitroaniline	15.14	138	27915	4.756	ng	91
63) Azobenzene	15.40	77	190591	7.593	ng	98
65) 4,6-Dinitro-2-methylphenol	15.21	198	22336	5.417	ng	84
66) n-Nitrosodiphenylamine	15.33	169	146124	7.439	ng	97
67) 4-Bromophenyl-phenylether	16.00	248	53125	7.117	ng	97
68) Hexachlorobenzene	16.12	284	60560	7.775	ng	97
69) Atrazine	16.30	200	57170	9.742	ng	96
70) Pentachlorophenol	16.47	266	24481	5.219	ng	97
71) Phenanthrene	16.84	178	271386	7.686	ng	100
72) Anthracene	16.93	178	263813	7.486	ng	99
73) Carbazole	17.22	167	228325	6.832	ng	99
74) Di-n-butylphthalate	17.80	149	283490	7.193	ng	99
75) Fluoranthene	18.87	202	310804	7.678	ng	99
77) Benzidine	19.07	184	103521	8.049	ng	98
78) Pyrene	19.24	202	325635	7.959	ng	99
80) Butylbenzylphthalate	20.17	149	119279	7.209	ng	98
81) Benzo(a)anthracene	21.00	228	301334	8.107	ng	99
82) 3,3'-Dichlorobenzidine	20.94	252	104751	9.109	ng	99
83) Chrysene	21.05	228	288555	8.147	ng	100
84) Bis(2-ethylhexyl)phthalate	20.97	149	176569	7.485	ng	99
85) Di-n-octyl phthalate	21.81	149	267392	7.347	ng	97
87) Indeno(1,2,3-cd)pyrene	25.14	276	234733	7.384	ng	99
88) Benzo(b)fluoranthene	22.49	252	257146	7.779	ng	99
89) Benzo(k)fluoranthene	22.53	252	250523	7.801	ng	99
90) Benzo(a)pyrene	23.01	252	213628	7.276	ng	99
91) Dibenzo(a,h)anthracene	25.15	278	193951	7.308	ng	98
92) Benzo(g,h,i)perylene	25.76	276	194061	7.684	ng	98

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

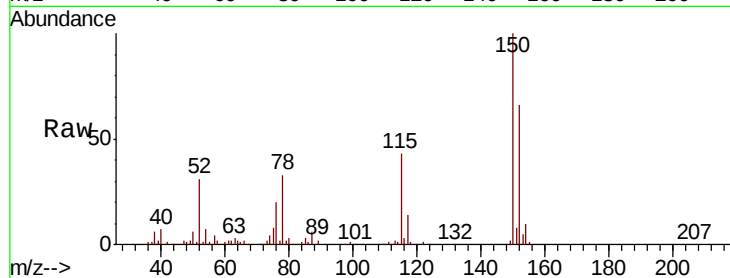


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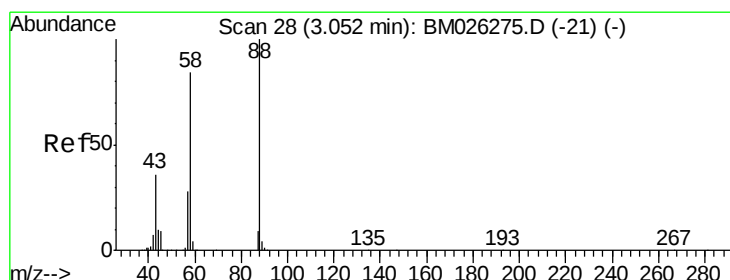
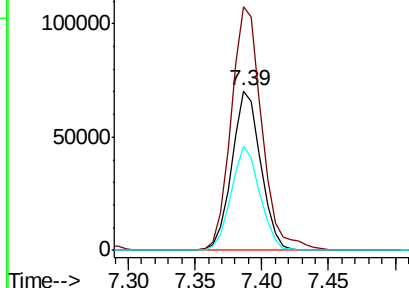
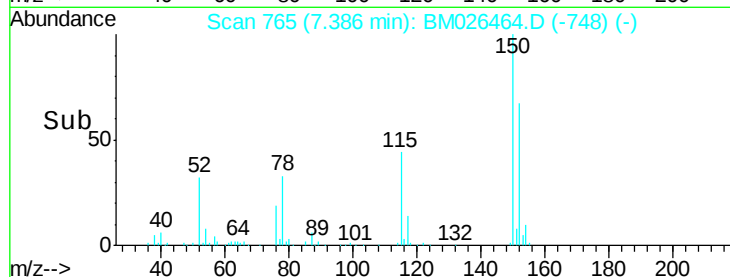
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.39 min Scan# 765
Delta R.T. -0.00 min
Lab File: BM026464.D
Acq: 19 Jun 2020 11:07

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2020

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.5	127.8	191.6
115	65.2	51.5	77.3



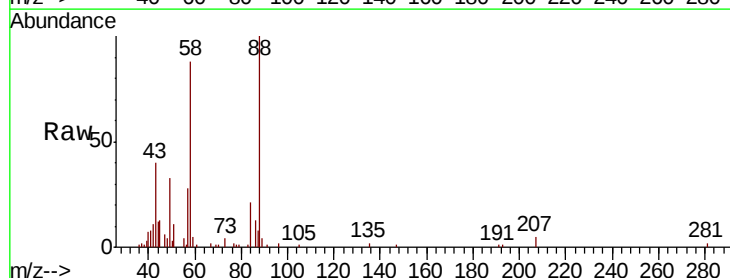
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



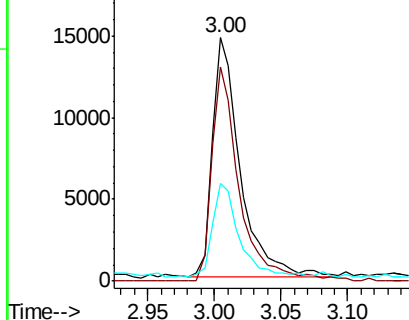
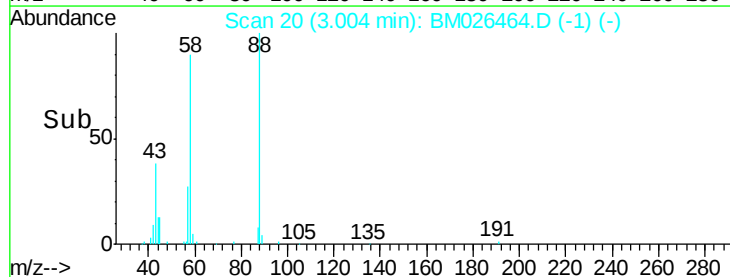
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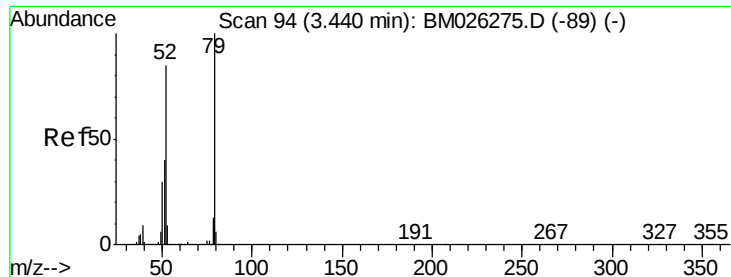
1,4-Dioxane
Concen: 7.956 ng
RT: 3.00 min Scan# 20
Delta R.T. -0.00 min
Lab File: BM026464.D
Acq: 19 Jun 2020 11:07

Tgt Ion	Ratio	Lower	Upper
88	100		
58	88.3	67.7	101.5
43	37.7	28.0	42.0



Abundance Ion 88.00 (87.70 to 88.70): BM0
Ion 58.00 (57.70 to 58.70): BM0
Ion 43.00 (42.70 to 43.70): BM0

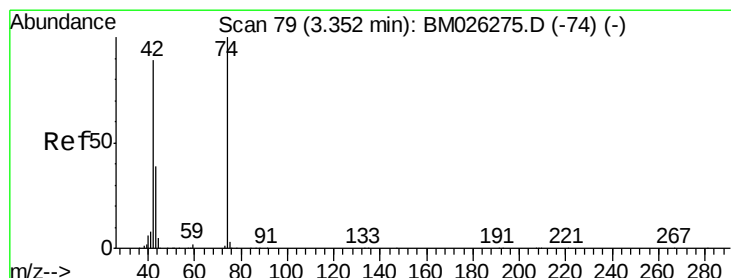
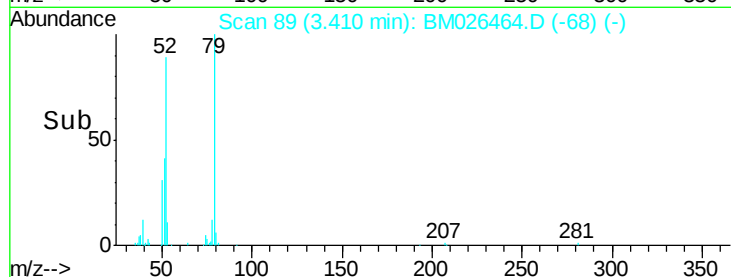
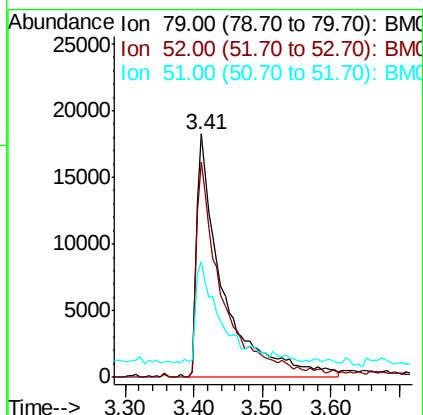
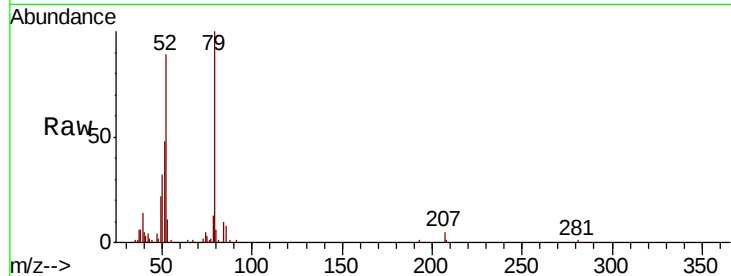




#3
 Pvridine
 Concen: 6.121 ng
 RT: 3.41 min Scan# 89
 Delta R.T. 0.02 min
 Lab File: BM026464.D
 Acq: 19 Jun 2020 11:07

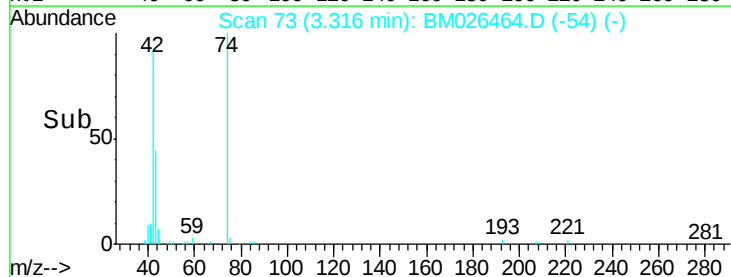
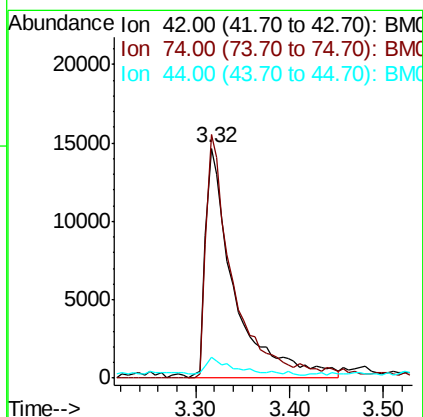
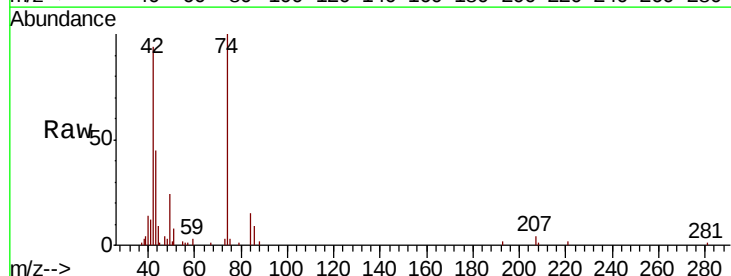
Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2020

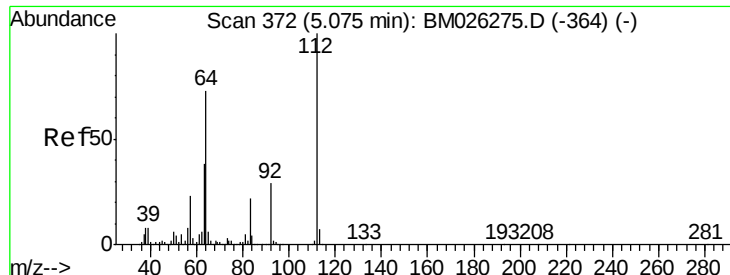
Tot Ion: 79 Resp: 48668
 Ion Ratio Lower Upper
 79 100
 52 88.7 67.4 101.2
 51 47.6 33.0 49.6



#4
 n-Nitrosodimethylamine
 Concen: 7.969 ng
 RT: 3.32 min Scan# 73
 Delta R.T. 0.01 min
 Lab File: BM026464.D
 Acq: 19 Jun 2020 11:07

Tgt Ion: 42 Resp: 31374
 Ion Ratio Lower Upper
 42 100
 74 106.0 95.4 143.2
 44 9.3 5.9 8.9#





#5

2-Fluorophenol

Concen: 161.411 ng

RT: 5.02 min Scan# 363

Delta R.T. -0.00 min

Lab File: BM026464.D

Acq: 19 Jun 2020 11:07

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2020

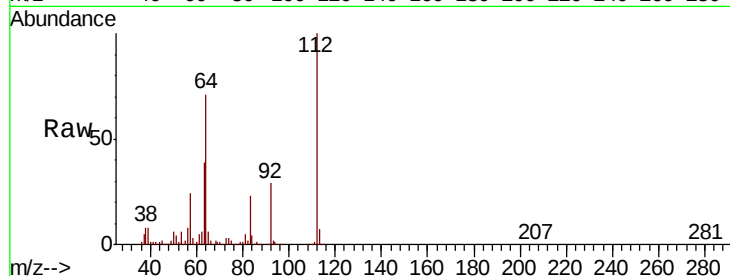
Tot Ion:112 Resp: 969196

Ion Ratio Lower Upper

112 100

64 71.4 56.0 84.0

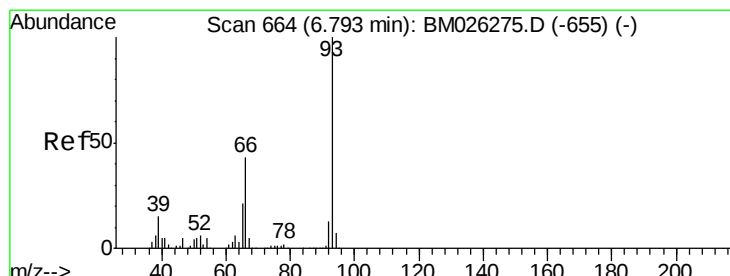
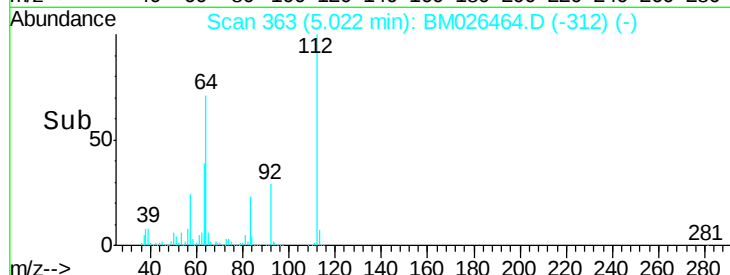
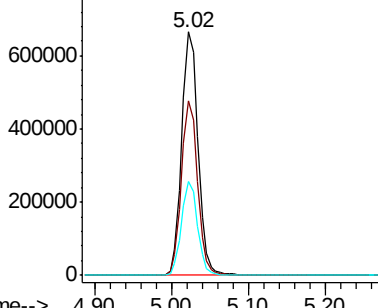
63 38.6 29.0 43.6



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#6

Aniline

Concen: 7.316 ng

RT: 6.73 min Scan# 654

Delta R.T. -0.00 min

Lab File: BM026464.D

Acq: 19 Jun 2020 11:07

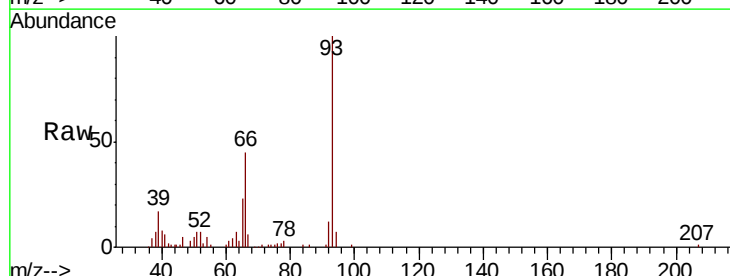
Tgt Ion: 93 Resp: 83435

Ion Ratio Lower Upper

93 100

66 45.2 34.1 51.1

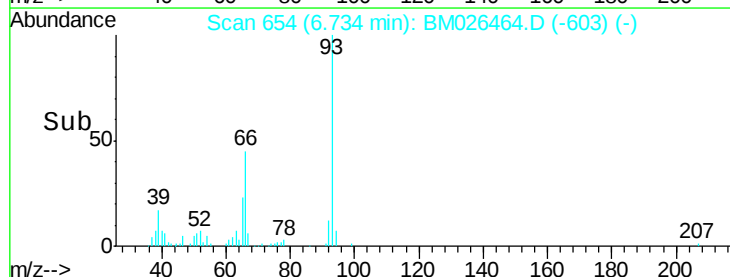
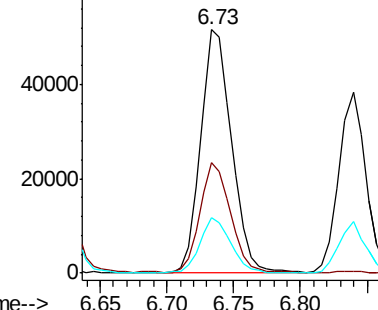
65 22.9 17.5 26.3



Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 163.316 ng

RT: 6.60 min Scan# 631

Delta R.T. -0.00 min

Lab File: BM026464.D

Acq: 19 Jun 2020 11:07

Instrument :

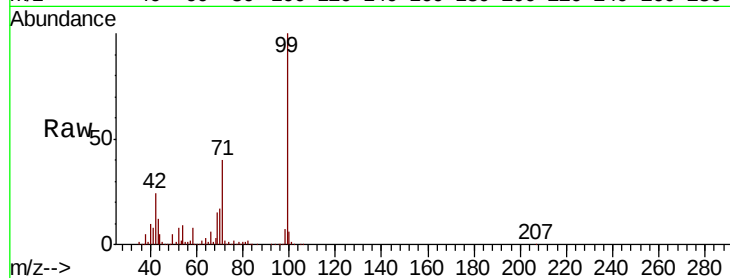
BNA_M

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2020

Tot Ion: 99 Resp: 1420010

Ion	Ratio	Lower	Upper
99	100		
42	23.7	17.8	26.6
71	39.7	31.0	46.4

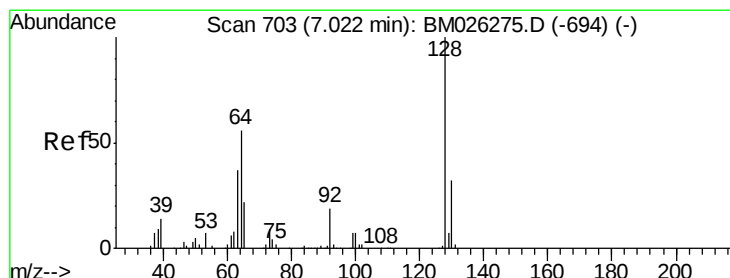
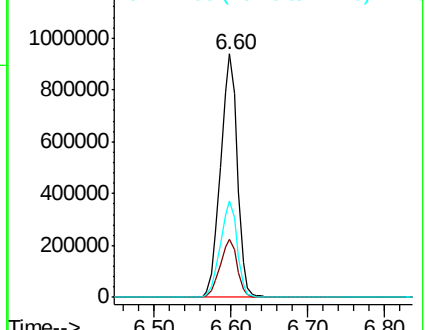
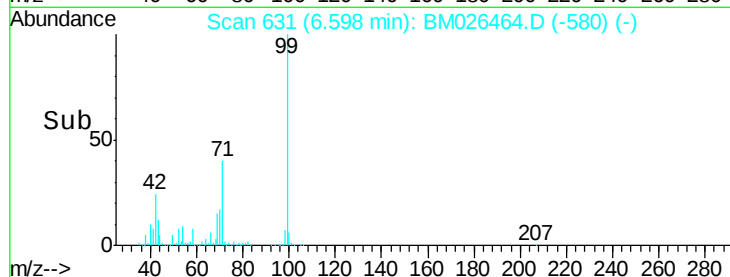


Abundance

Ion 99.00 (98.70 to 99.70): BM0

Ion 42.00 (41.70 to 42.70): BM0

Ion 71.00 (70.70 to 71.70): BM0



#8

2-Chlorophenol

Concen: 7.375 ng

RT: 6.96 min Scan# 693

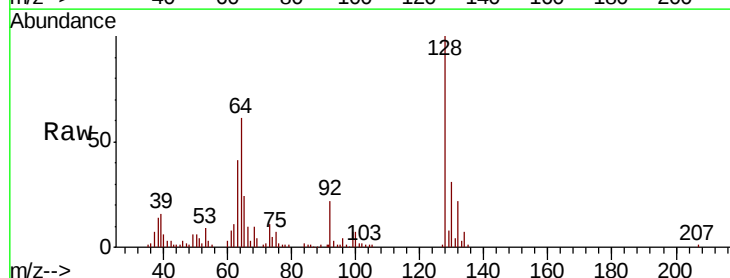
Delta R.T. -0.00 min

Lab File: BM026464.D

Acq: 19 Jun 2020 11:07

Tgt Ion:128 Resp: 51076

Ion	Ratio	Lower	Upper
128	100		
130	31.4	12.3	52.3
64	60.9	36.4	76.4

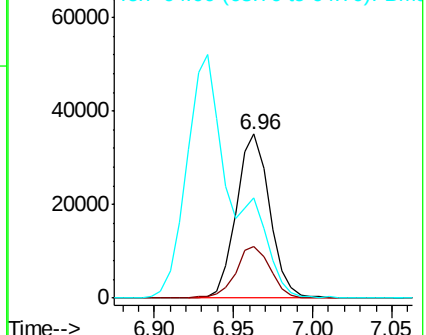
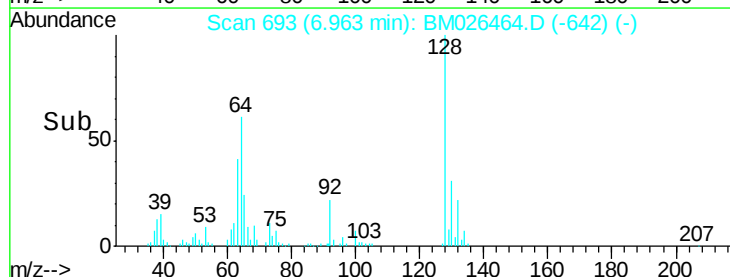


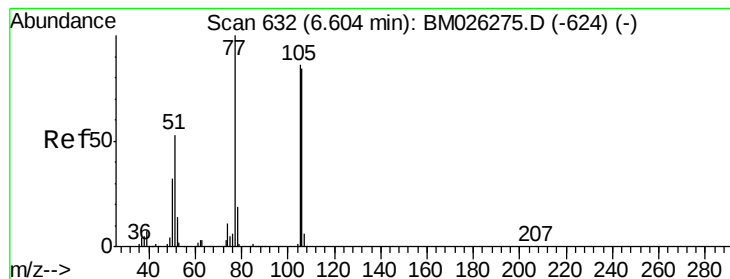
Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BM0





#9

Benzaldehyde

Concen: 10.334 ng

RT: 6.55 min Scan# 623

Delta R.T. 0.01 min

Lab File: BM026464.D

Acq: 19 Jun 2020 11:07

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2020

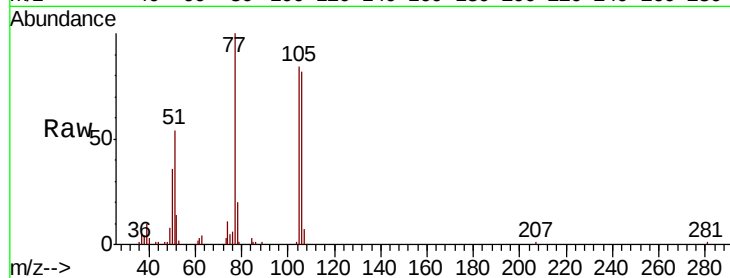
Tot Ion: 77 Resp: 57294

Ion Ratio Lower Upper

77 100

105 84.0 71.5 111.5

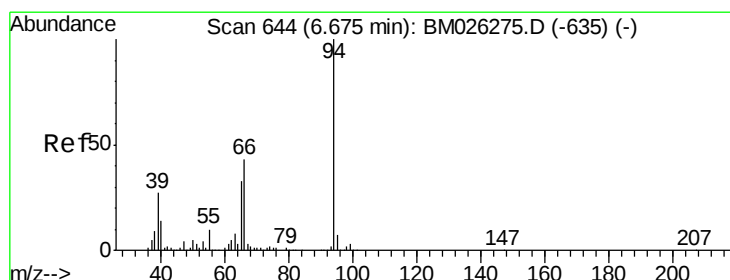
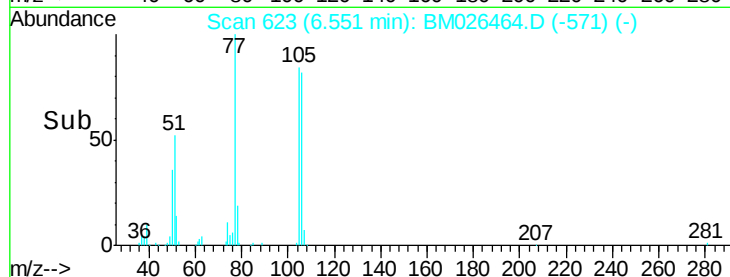
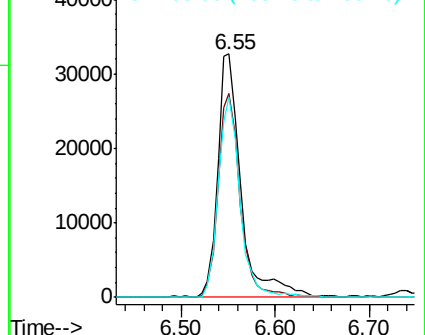
106 82.1 64.7 104.7



Abundance Ion 77.00 (76.70 to 77.70): BM026464.D (-571) (-)

Ion 105.00 (104.70 to 105.70): BM026464.D (-571) (-)

Ion 106.00 (105.70 to 106.70): BM026464.D (-571) (-)



#10

Phenol

Concen: 7.144 ng

RT: 6.62 min Scan# 635

Delta R.T. -0.00 min

Lab File: BM026464.D

Acq: 19 Jun 2020 11:07

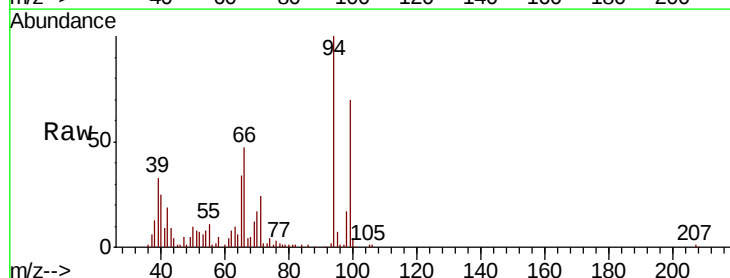
Tgt Ion: 94 Resp: 66149

Ion Ratio Lower Upper

94 100

65 34.4 11.4 51.4

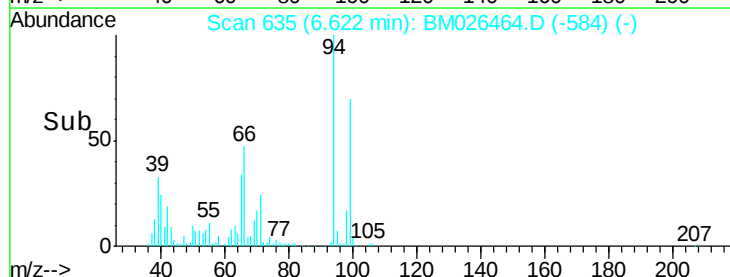
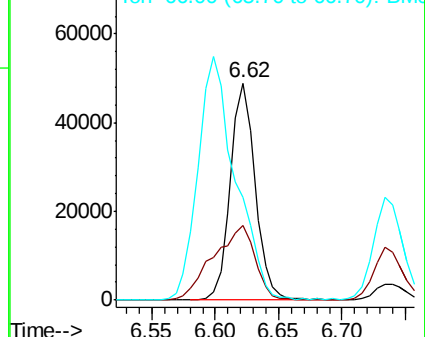
66 47.3 21.7 61.7

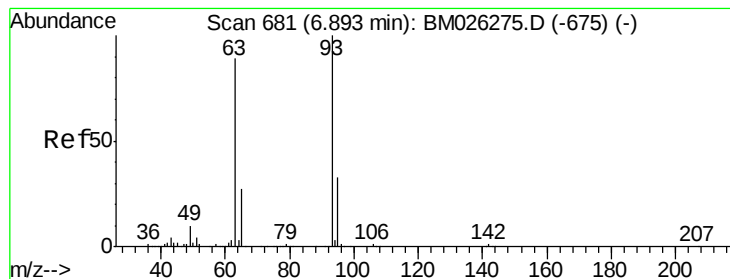


Abundance Ion 94.00 (93.70 to 94.70): BM026464.D (-584) (-)

Ion 65.00 (64.70 to 65.70): BM026464.D (-584) (-)

Ion 66.00 (65.70 to 66.70): BM026464.D (-584) (-)





#11

bis(2-Chloroethyl)ether

Concen: 7.191 ng

RT: 6.84 min Scan# 672

Delta R.T. -0.00 min

Lab File: BM026464.D

Acq: 19 Jun 2020 11:07

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2020

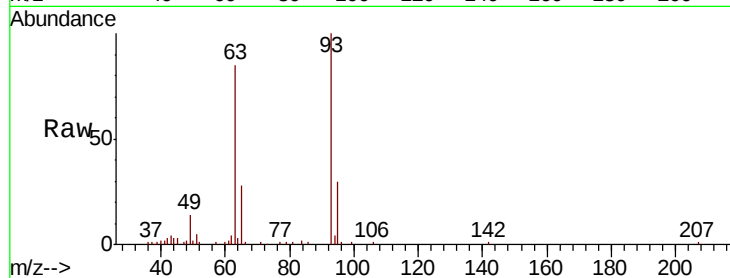
Tot Ion: 93 Resp: 53635

Ion Ratio Lower Upper

93 100

63 85.4 66.7 106.7

95 30.5 14.5 54.5

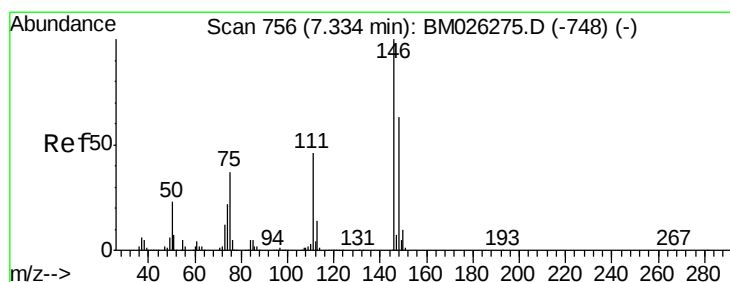
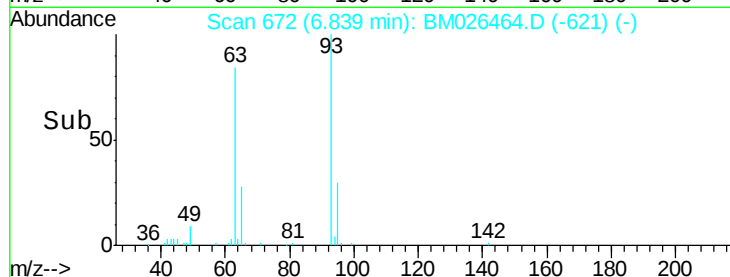
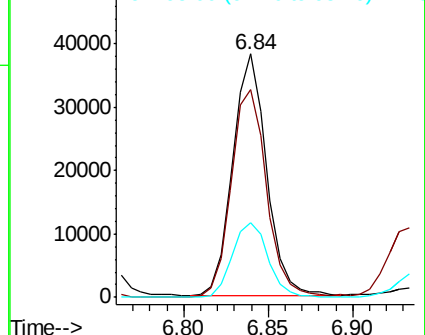


Abundance

Ion 93.00 (92.70 to 93.70): BM0

Ion 63.00 (62.70 to 63.70): BM0

Ion 95.00 (94.70 to 95.70): BM0



#12

1,3-Dichlorobenzene

Concen: 7.252 ng

RT: 7.28 min Scan# 747

Delta R.T. 0.01 min

Lab File: BM026464.D

Acq: 19 Jun 2020 11:07

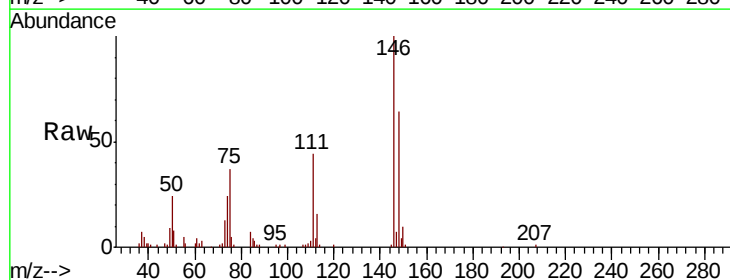
Tgt Ion: 146 Resp: 55611

Ion Ratio Lower Upper

146 100

148 64.0 50.3 75.5

75 36.9 29.0 43.6

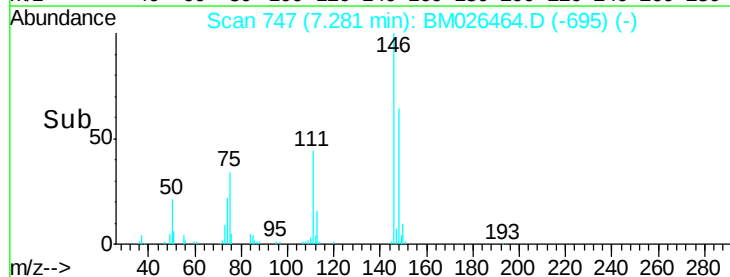
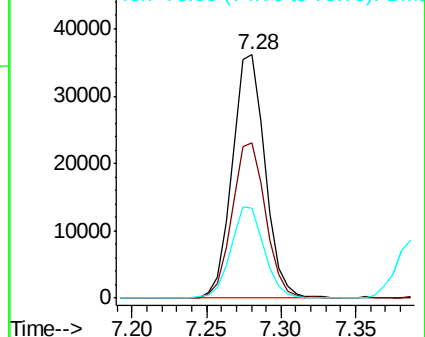


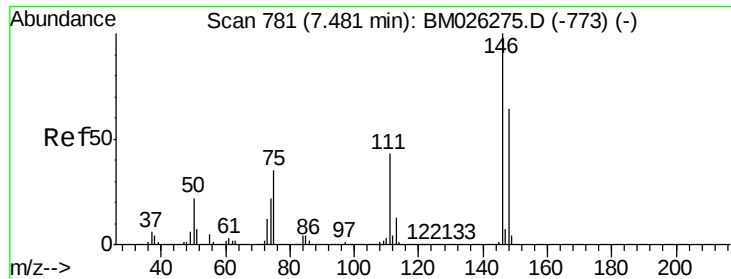
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BM0

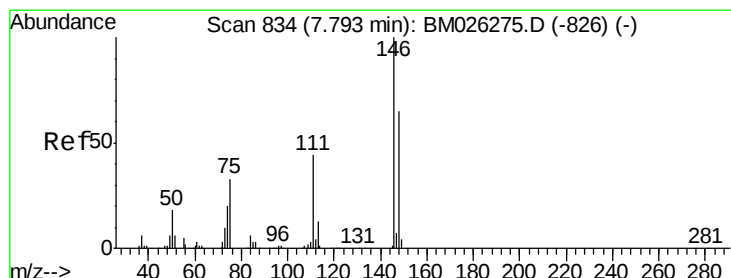
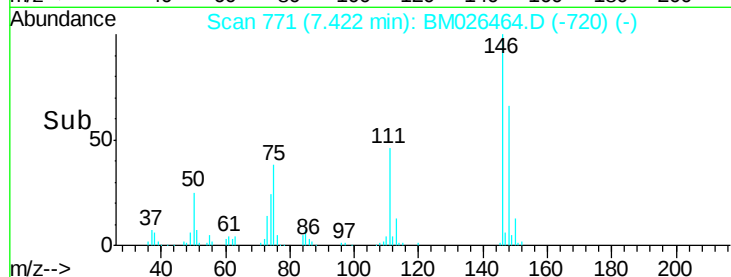
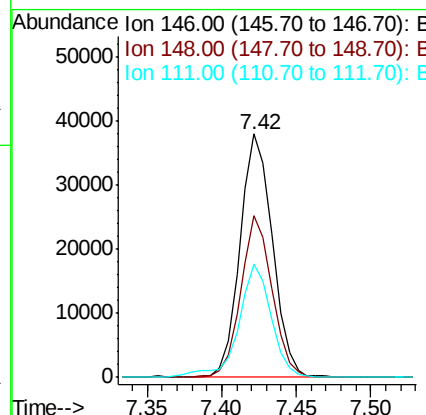
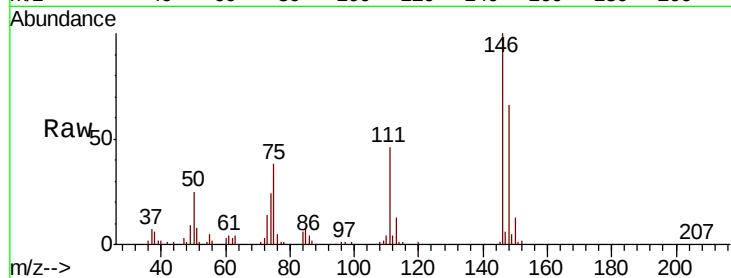




#13
 1,4-Dichlorobenzene
 Concen: 7.356 ng
 RT: 7.42 min Scan# 771
 Delta R.T. -0.00 min
 Lab File: BM026464.D
 Acq: 19 Jun 2020 11:07

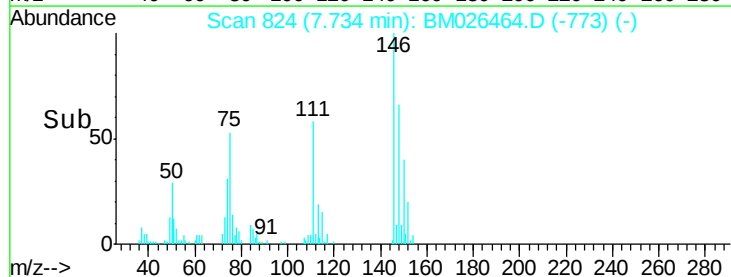
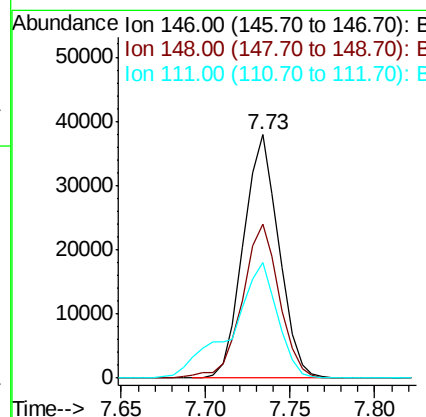
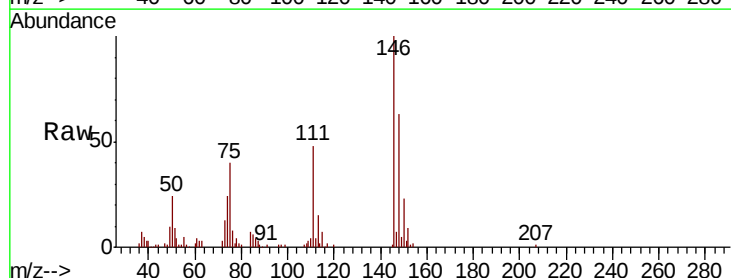
Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2020

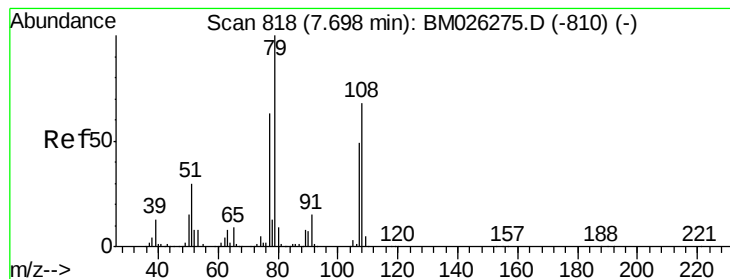
Tot Ion:146 Resp: 57452
 Ion Ratio Lower Upper
 146 100
 148 66.3 52.2 78.2
 111 46.4 34.9 52.3



#14
 1,2-Dichlorobenzene
 Concen: 7.272 ng
 RT: 7.73 min Scan# 824
 Delta R.T. -0.00 min
 Lab File: BM026464.D
 Acq: 19 Jun 2020 11:07

Tgt Ion:146 Resp: 55484
 Ion Ratio Lower Upper
 146 100
 148 63.2 50.8 76.2
 111 47.6 35.4 53.0





#15

Benzyl Alcohol

Concen: 6.539 ng

RT: 7.64 min Scan# 808

Delta R.T. -0.00 min

Lab File: BM026464.D

Acq: 19 Jun 2020 11:07

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2020

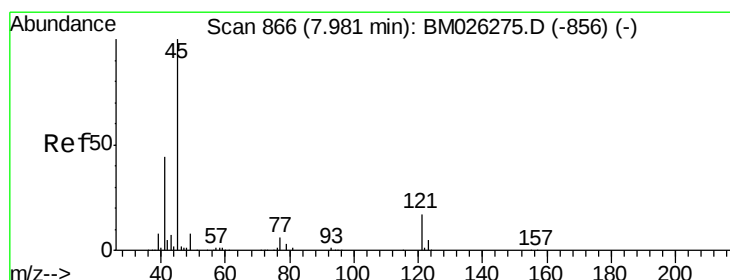
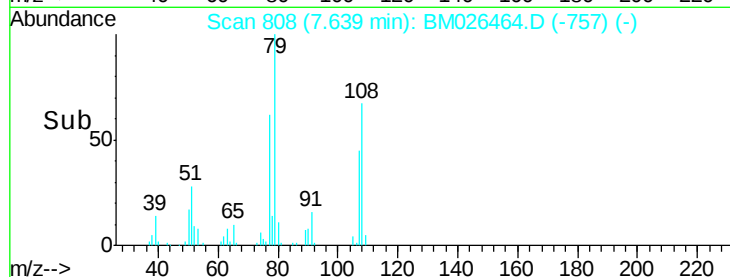
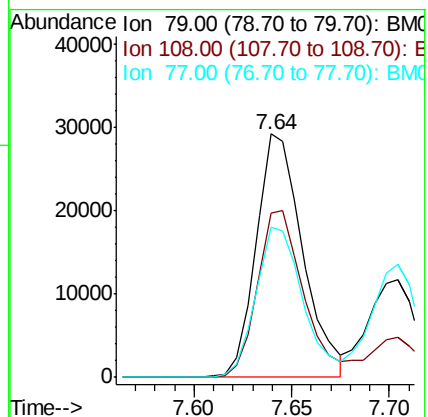
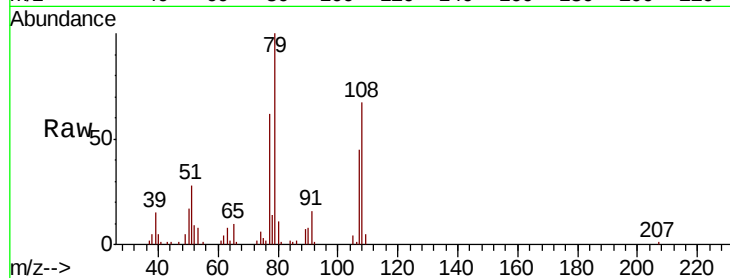
Tot Ion: 79 Resp: 48278

Ion Ratio Lower Upper

79 100

108 67.4 54.6 82.0

77 61.7 51.0 76.4



#16

2,2'-oxybis(1-chloropropane)

Concen: 7.504 ng

RT: 7.92 min Scan# 855

Delta R.T. -0.01 min

Lab File: BM026464.D

Acq: 19 Jun 2020 11:07

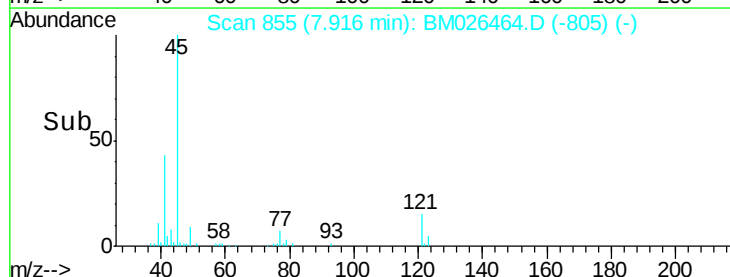
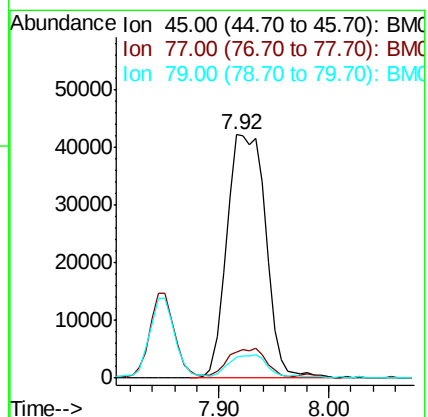
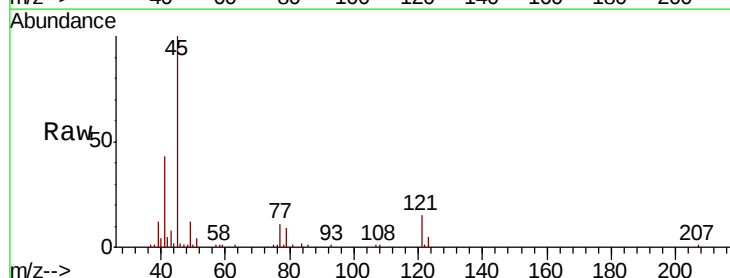
Tgt Ion: 45 Resp: 104528

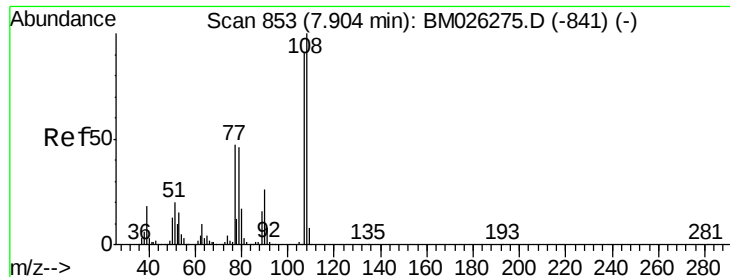
Ion Ratio Lower Upper

45 100

77 10.7 0.0 31.8

79 8.5 0.0 28.9





#17

2-Methylphenol

Concen: 6.343 ng

RT: 7.85 min Scan# 843

Delta R.T. -0.00 min

Lab File: BM026464.D

Acq: 19 Jun 2020 11:07

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2020

Tot Ion:107 Resp: 42925

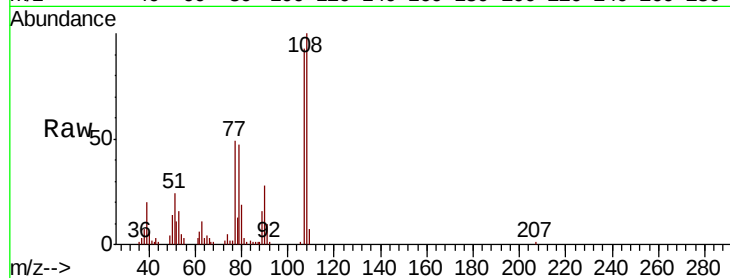
Ion Ratio Lower Upper

107 100

108 108.0 88.5 132.7

77 53.4 40.6 60.8

79 50.3 39.6 59.4

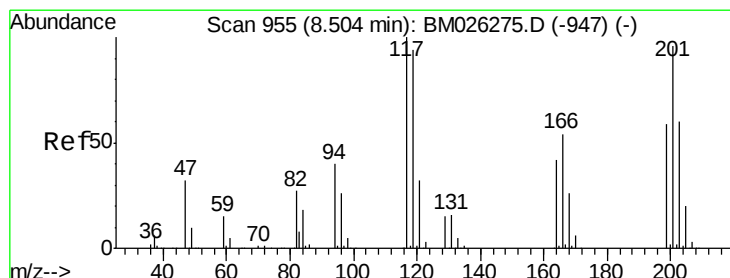
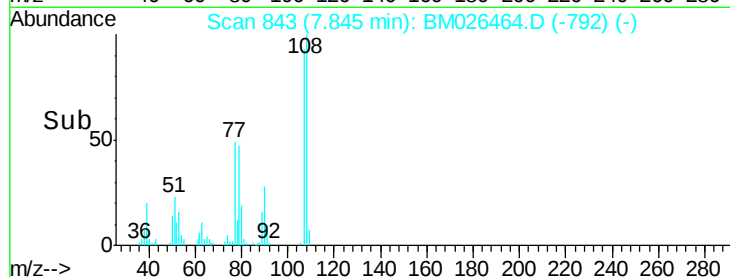
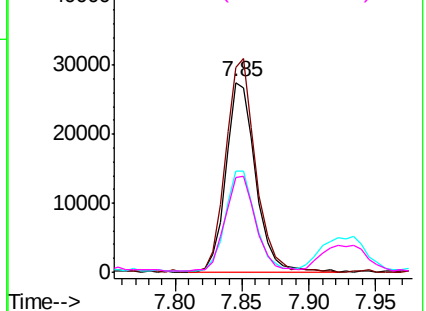


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM

Ion 79.00 (78.70 to 79.70): BM



#18

Hexachloroethane

Concen: 7.220 ng

RT: 8.45 min Scan# 945

Delta R.T. 0.01 min

Lab File: BM026464.D

Acq: 19 Jun 2020 11:07

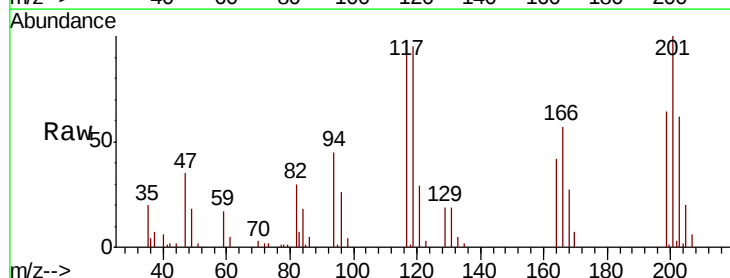
Tgt Ion:117 Resp: 21357

Ion Ratio Lower Upper

117 100

119 97.7 77.8 116.6

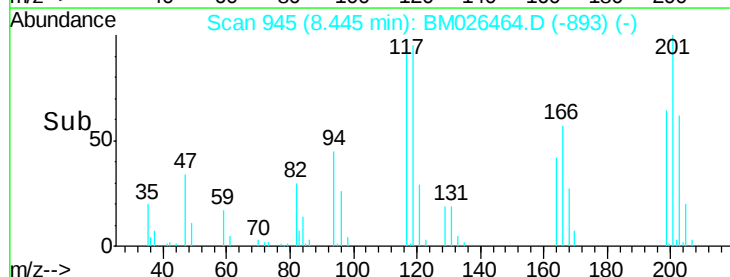
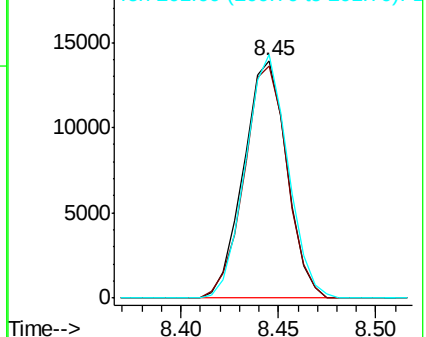
201 102.5 79.9 119.9



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

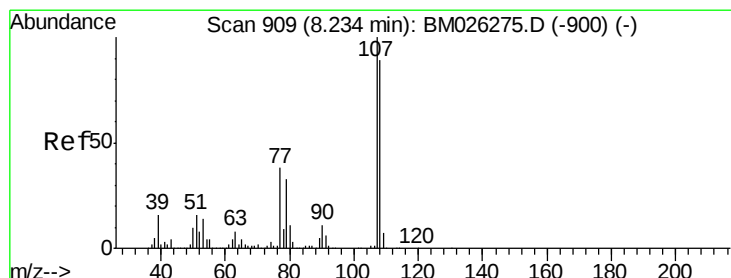
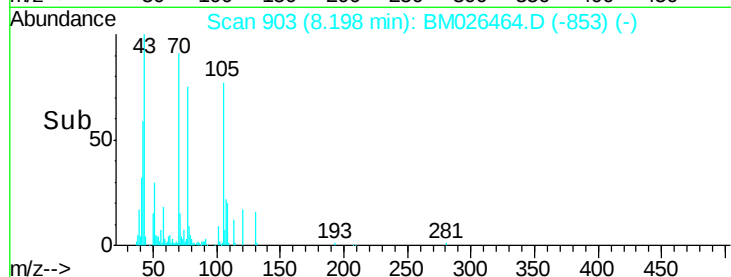
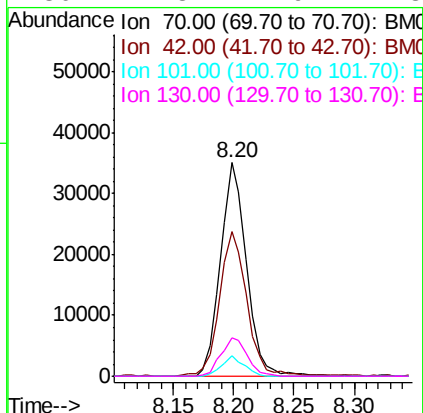
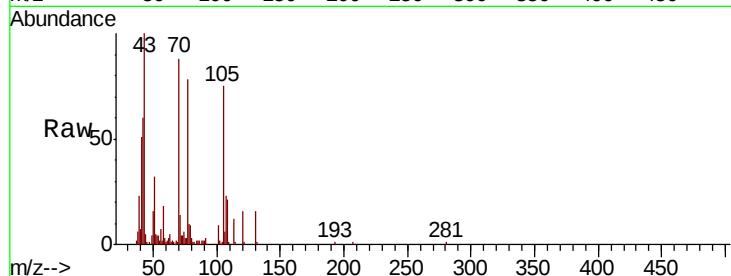




#19
n-Nitroso-di-n-propylamine
Concen: 7.722 ng
RT: 8.20 min Scan# 903
Delta R.T. -0.01 min
Lab File: BM026464.D
Acq: 19 Jun 2020 11:07

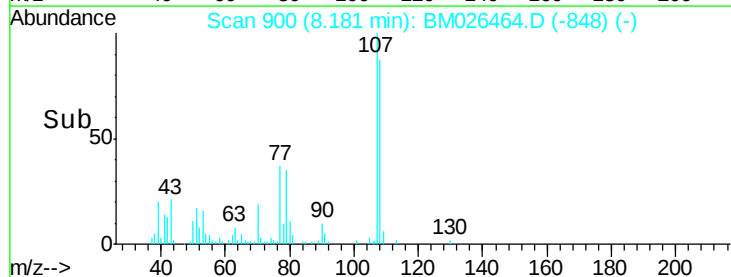
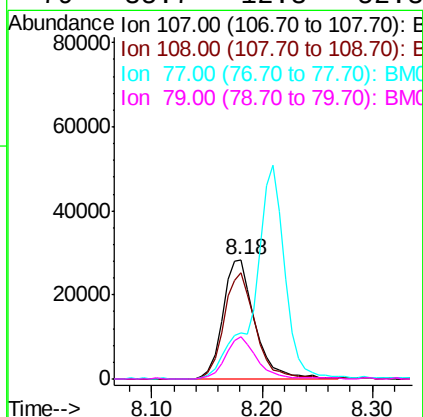
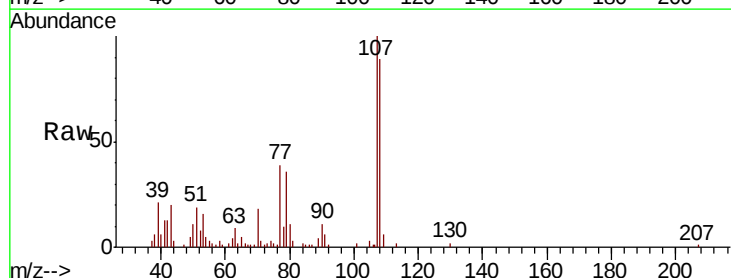
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2020

Tot Ion:	70	Resp:	52318
Ion	Ratio	Lower	Upper
70	100		
42	68.0	52.2	78.4
101	9.6	7.0	10.6
130	17.8	14.9	22.3



#20
3+4-Methylphenols
Concen: 6.252 ng
RT: 8.18 min Scan# 900
Delta R.T. 0.01 min
Lab File: BM026464.D
Acq: 19 Jun 2020 11:07

Tgt Ion:	107	Resp:	57672
Ion	Ratio	Lower	Upper
107	100		
108	89.2	70.4	110.4
77	38.9	17.3	57.3
79	35.7	12.3	52.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.15 min Scan# 1234

Delta R.T. -0.00 min

Lab File: BM026464.D

Acq: 19 Jun 2020 11:07

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2020

Tot Ion:136 Resp: 446201

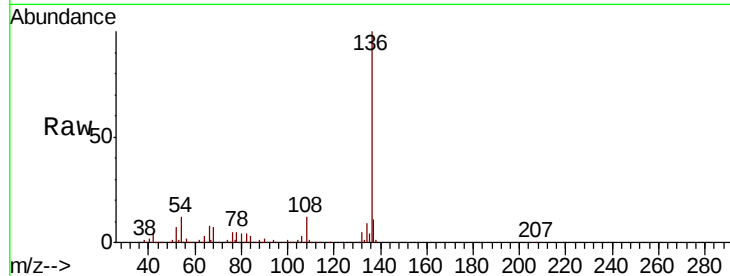
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 11.8 9.0 13.6

68 6.9 5.6 8.4

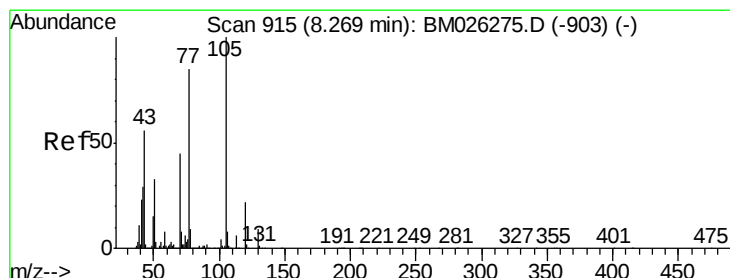
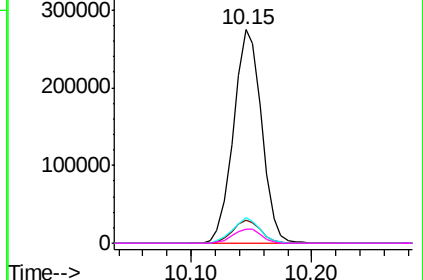
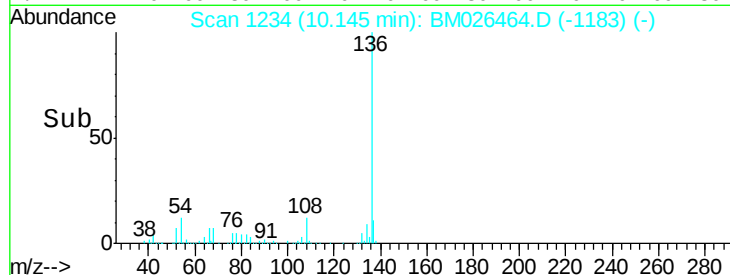


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#22

Acetophenone

Concen: 7.877 ng

RT: 8.21 min Scan# 905

Delta R.T. -0.00 min

Lab File: BM026464.D

Acq: 19 Jun 2020 11:07

Tgt Ion:105 Resp: 90372

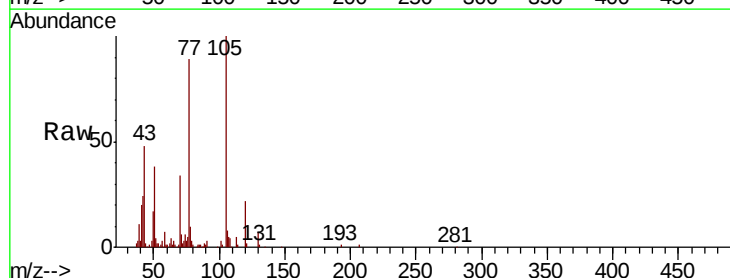
Ion Ratio Lower Upper

105 100

71 5.7 4.5 6.7

51 38.3 25.2 37.8#

120 22.2 17.0 25.6

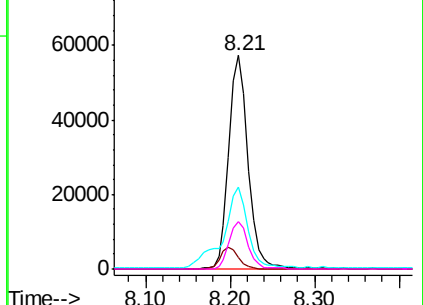
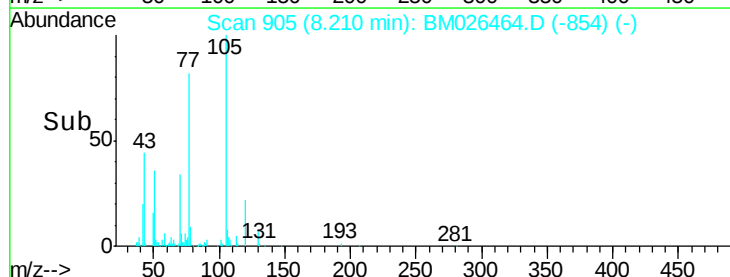


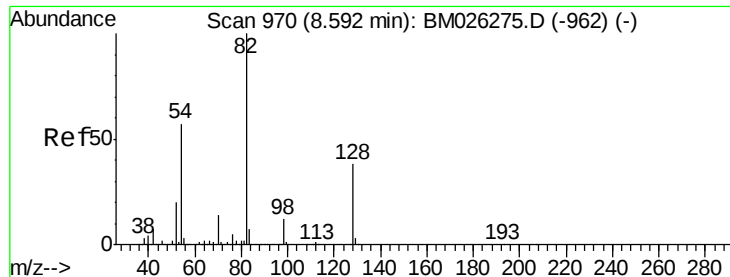
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM

Ion 51.00 (50.70 to 51.70): BM

Ion 120.00 (119.70 to 120.70): E

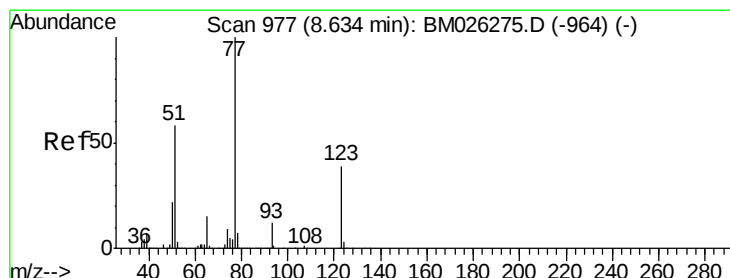
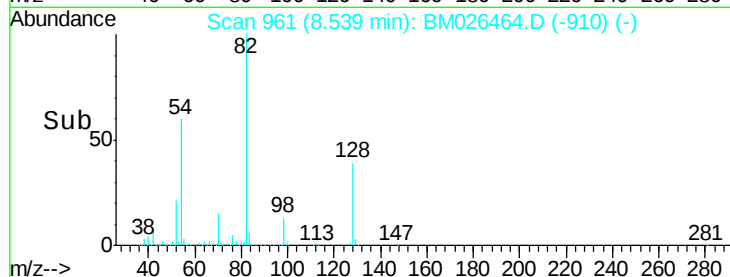
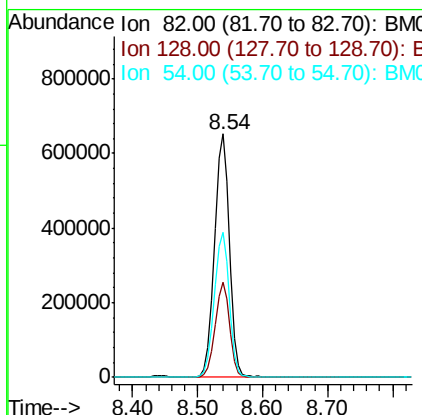
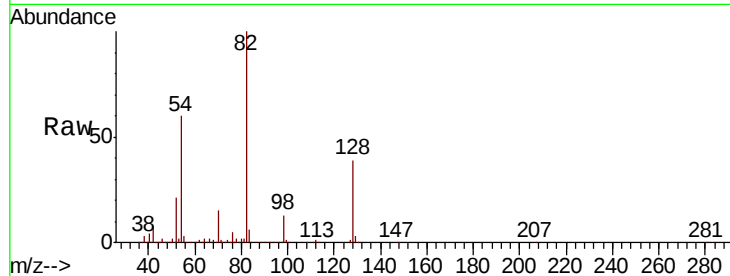




#23
 Nitrobenzene-d5
 Concen: 114.057 ng
 RT: 8.54 min Scan# 961
 Delta R.T. -0.00 min
 Lab File: BM026464.D
 Acq: 19 Jun 2020 11:07

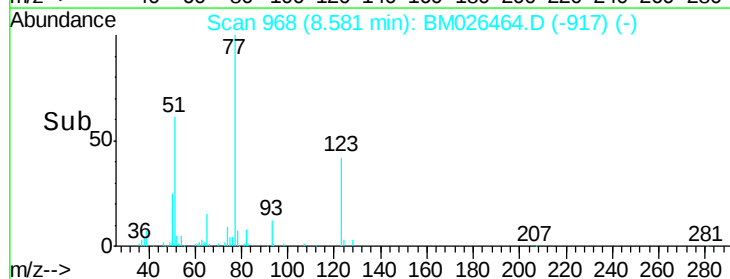
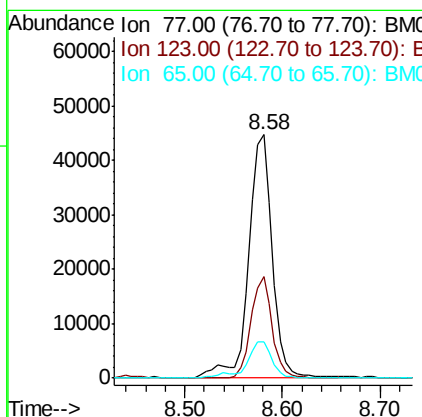
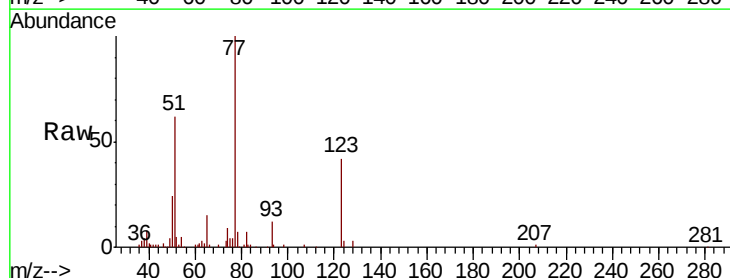
Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2020

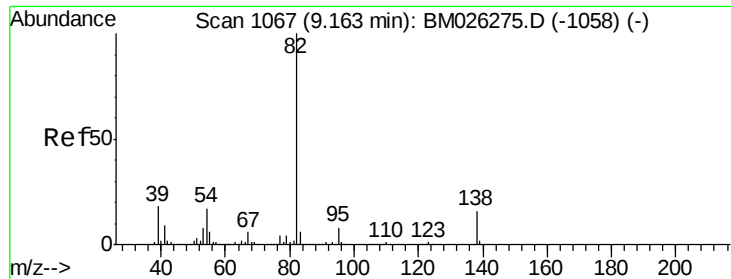
Tot Ion: 82 Resp: 1036511
 Ion Ratio Lower Upper
 82 100
 128 38.8 31.0 46.6
 54 59.6 45.4 68.2



#24
 Nitrobenzene
 Concen: 8.033 ng
 RT: 8.58 min Scan# 968
 Delta R.T. -0.00 min
 Lab File: BM026464.D
 Acq: 19 Jun 2020 11:07

Tgt Ion: 77 Resp: 76418
 Ion Ratio Lower Upper
 77 100
 123 41.9 32.0 48.0
 65 14.7 11.8 17.8





#25

Isophorone

Concen: 7.711 ng

RT: 9.10 min Scan# 1057

Delta R.T. -0.00 min

Lab File: BM026464.D

Acq: 19 Jun 2020 11:07

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2020

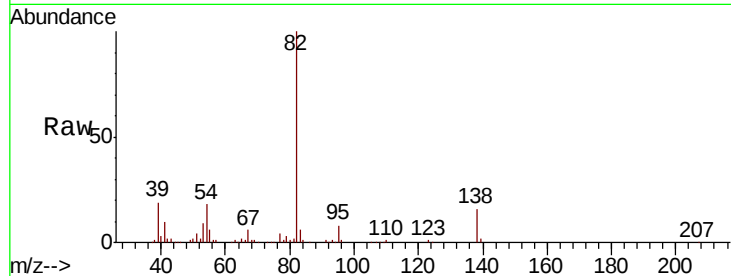
Tot Ion: 82 Resp: 131642

Ion Ratio Lower Upper

82 100

95 8.4 6.0 9.0

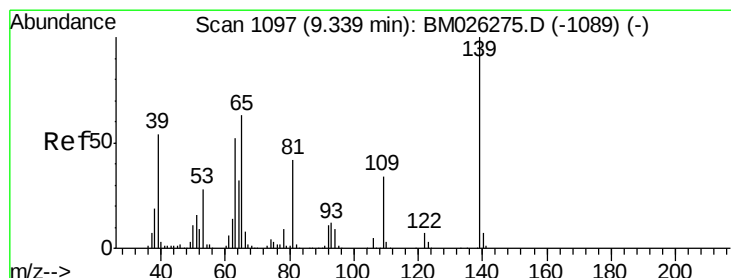
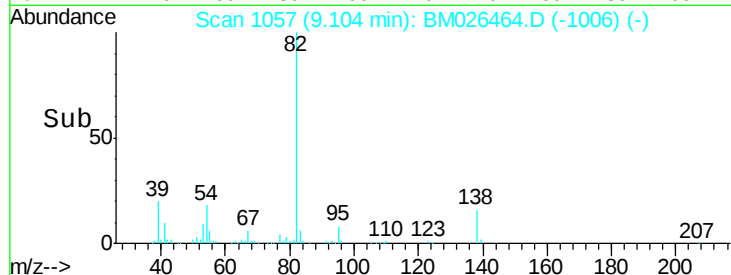
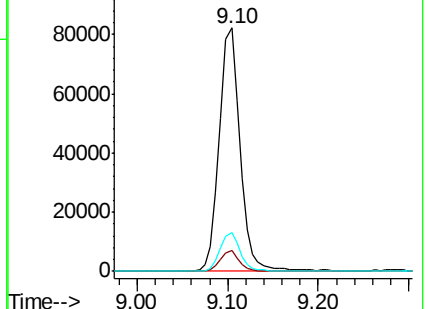
138 15.9 12.7 19.1



Abundance Ion 82.00 (81.70 to 82.70): BM026464.D (-1058) (-)

Ion 95.00 (94.70 to 95.70): BM026464.D (-1058) (-)

Ion 138.00 (137.70 to 138.70): BM026464.D (-1058) (-)



#26

2-Nitrophenol

Concen: 6.786 ng

RT: 9.28 min Scan# 1087

Delta R.T. -0.00 min

Lab File: BM026464.D

Acq: 19 Jun 2020 11:07

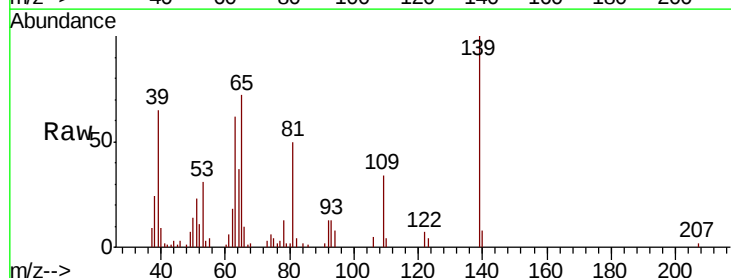
Tgt Ion: 139 Resp: 25549

Ion Ratio Lower Upper

139 100

109 34.2 25.2 37.8

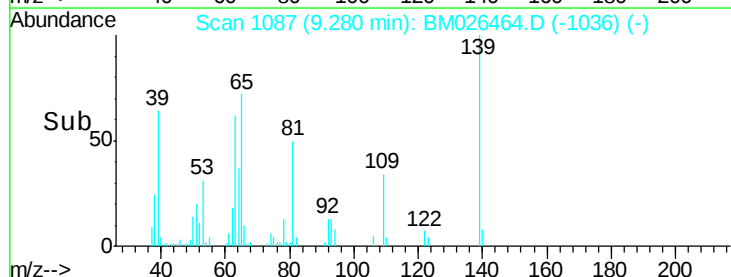
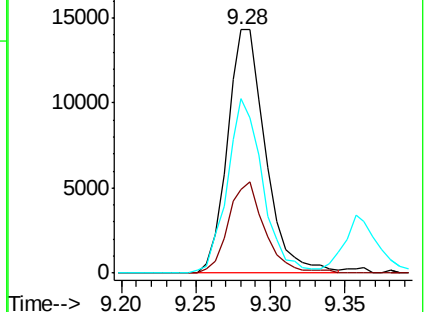
65 71.9 47.1 70.7#



Abundance Ion 139.00 (138.70 to 139.70): BM026464.D (-1036) (-)

Ion 109.00 (108.70 to 109.70): BM026464.D (-1036) (-)

Ion 65.00 (64.70 to 65.70): BM026464.D (-1036) (-)

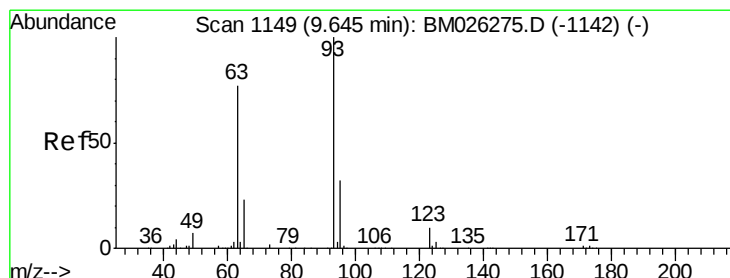
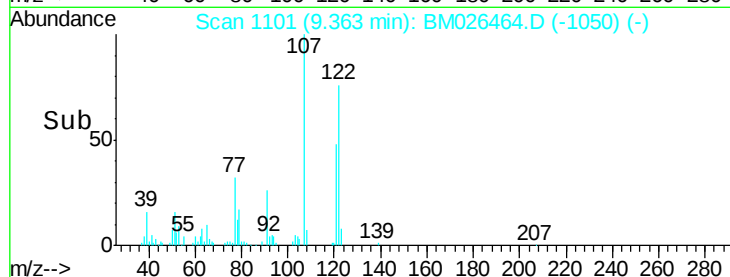
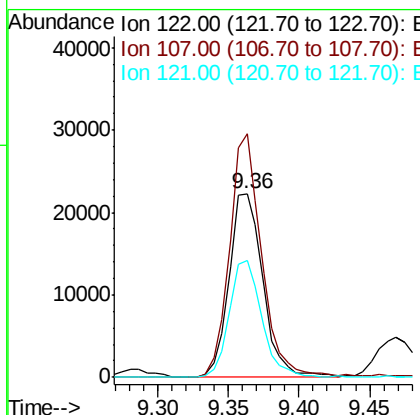
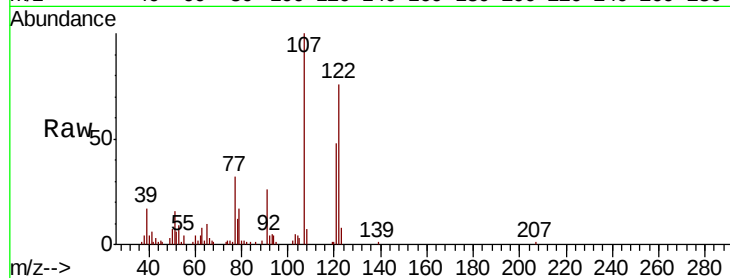




#27
 2,4-Dimethylphenol
 Concen: 6.260 ng
 RT: 9.36 min Scan# 1101
 Delta R.T. -0.00 min
 Lab File: BM026464.D
 Acq: 19 Jun 2020 11:07

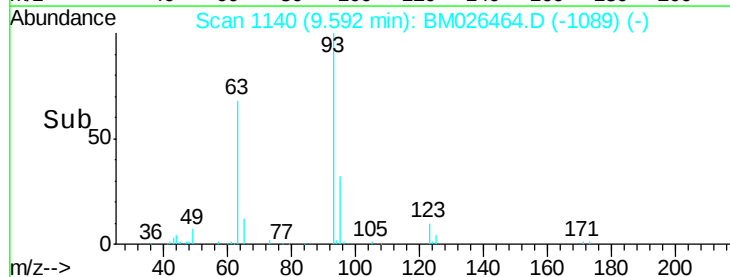
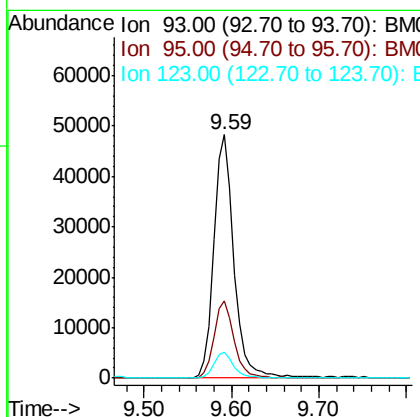
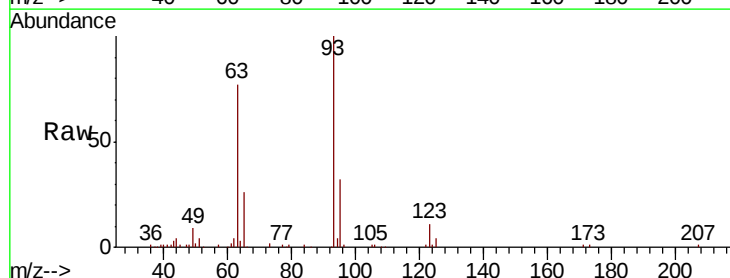
Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2020

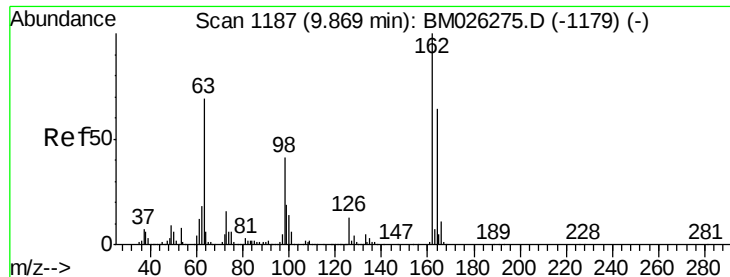
Tot Ion:122 Resp: 37208
 Ion Ratio Lower Upper
 122 100
 107 132.4 96.1 144.1
 121 63.5 46.0 69.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 7.979 ng
 RT: 9.59 min Scan# 1140
 Delta R.T. -0.00 min
 Lab File: BM026464.D
 Acq: 19 Jun 2020 11:07

Tgt Ion: 93 Resp: 77288
 Ion Ratio Lower Upper
 93 100
 95 31.8 25.9 38.9
 123 10.9 8.9 13.3

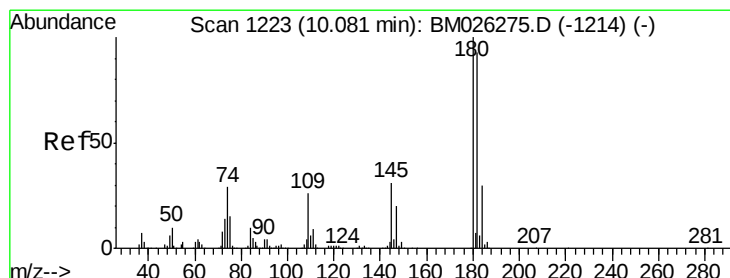
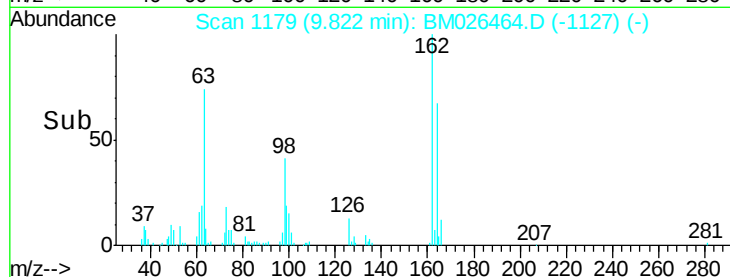
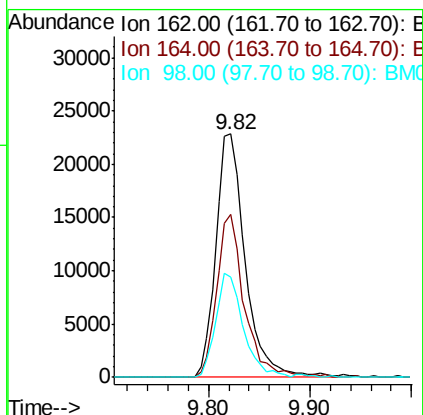
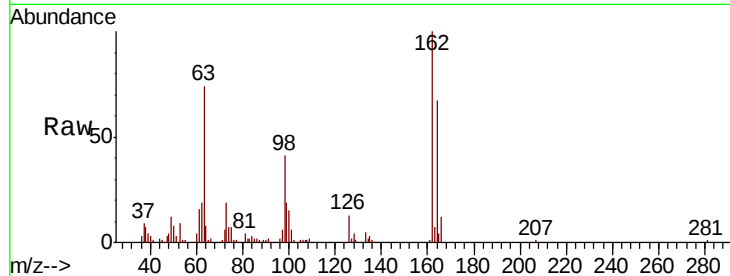




#29
2,4-Dichlorophenol
Concen: 7.049 ng
RT: 9.82 min Scan# 1179
Delta R.T. 0.01 min
Lab File: BM026464.D
Acq: 19 Jun 2020 11:07

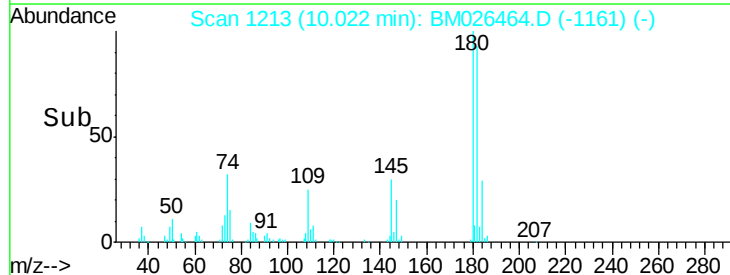
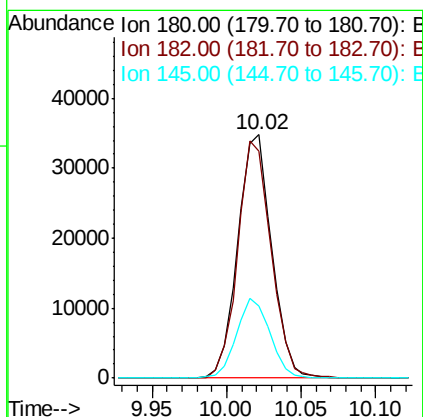
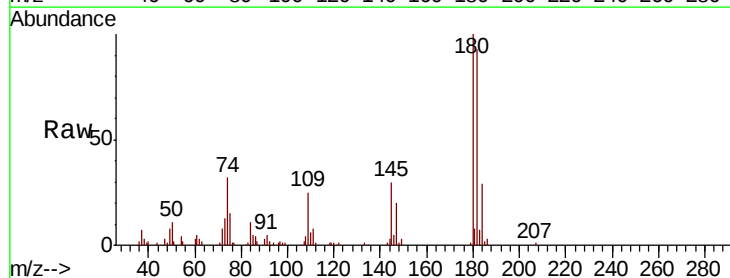
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2020

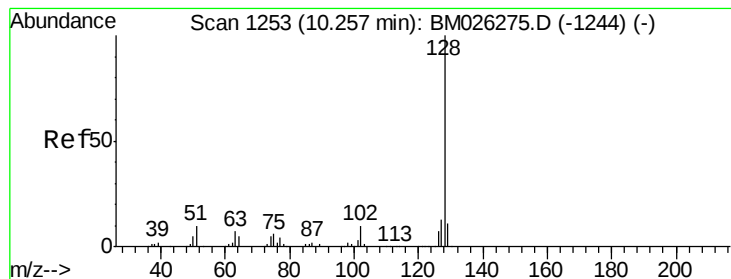
Tot Ion	Ratio	Lower	Upper
162	100		
164	66.9	46.2	86.2
98	41.1	19.0	59.0



#30
1,2,4-Trichlorobenzene
Concen: 7.674 ng
RT: 10.02 min Scan# 1213
Delta R.T. 0.01 min
Lab File: BM026464.D
Acq: 19 Jun 2020 11:07

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.1	77.3	115.9
145	29.7	26.6	40.0





#31

Naphthalene

Concen: 7.702 ng

RT: 10.20 min Scan# 1243

Delta R.T. -0.00 min

Lab File: BM026464.D

Acq: 19 Jun 2020 11:07

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2020

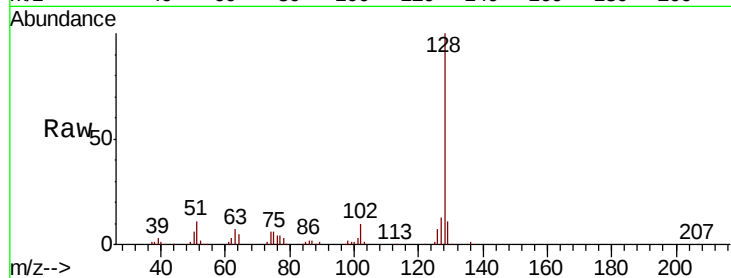
Tot Ion:128 Resp: 173187

Ion Ratio Lower Upper

128 100

129 11.1 8.4 12.6

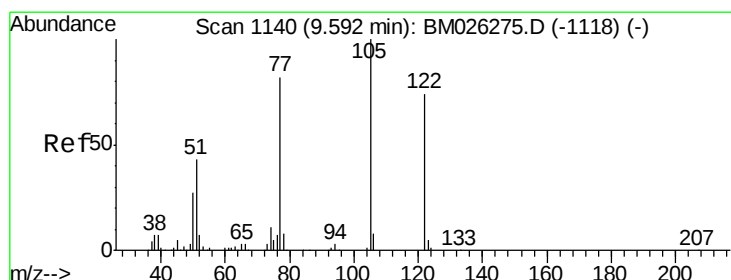
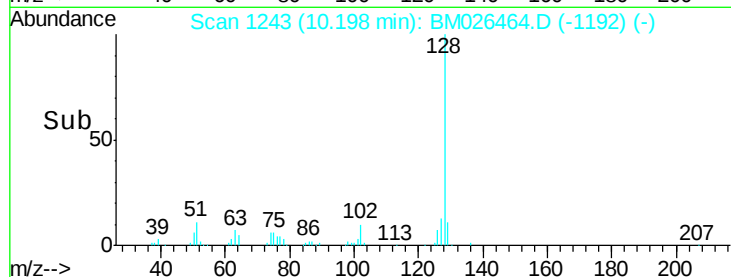
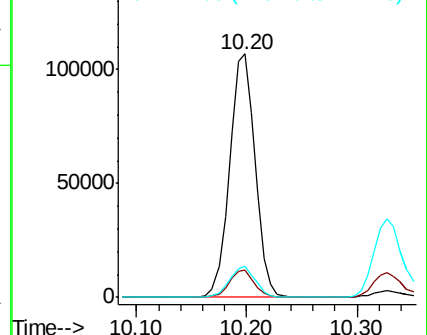
127 12.8 10.2 15.4



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 2.479 ng

RT: 9.47 min Scan# 1119

Delta R.T. -0.08 min

Lab File: BM026464.D

Acq: 19 Jun 2020 11:07

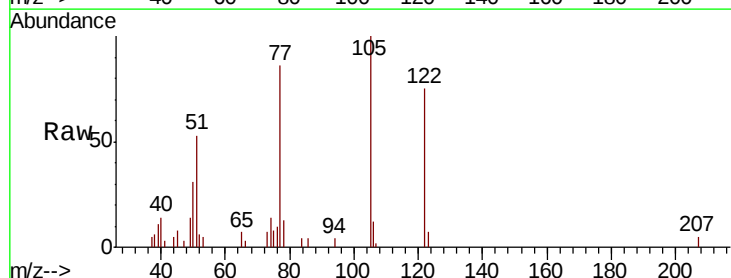
Tgt Ion:122 Resp: 10946

Ion Ratio Lower Upper

122 100

105 132.6 108.9 148.9

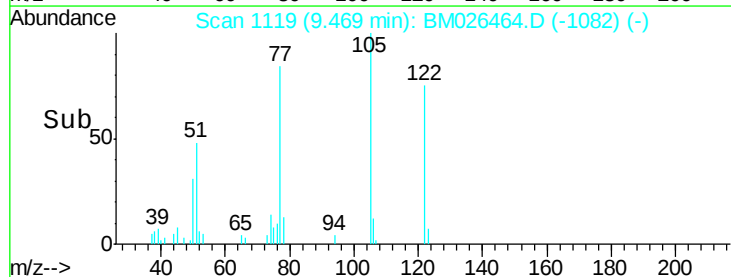
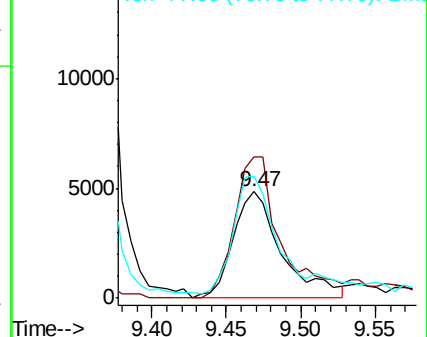
77 114.4 90.1 130.1

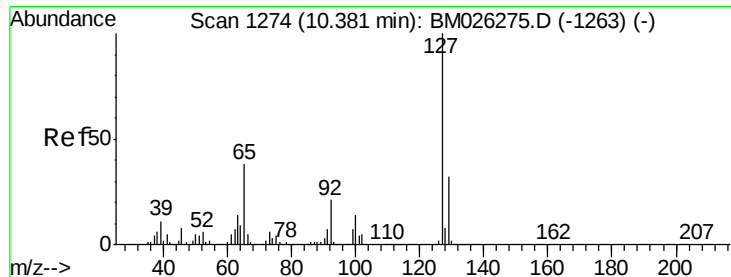


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM

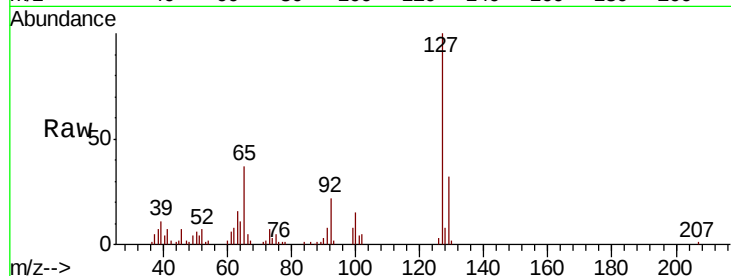




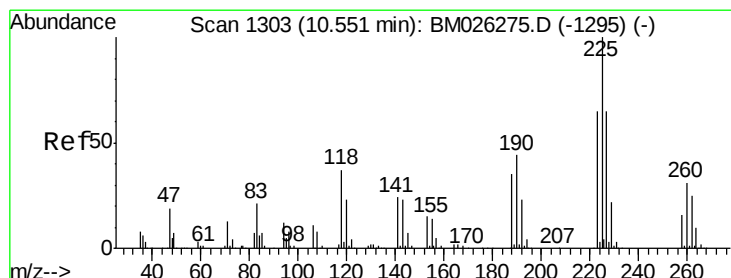
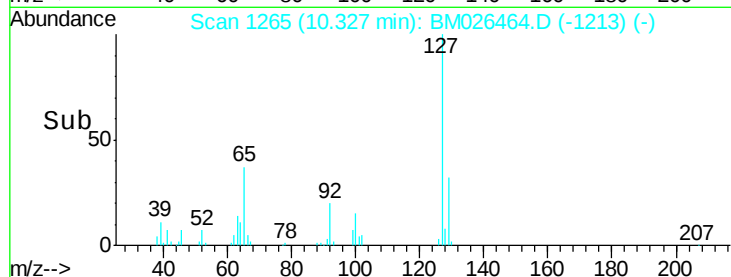
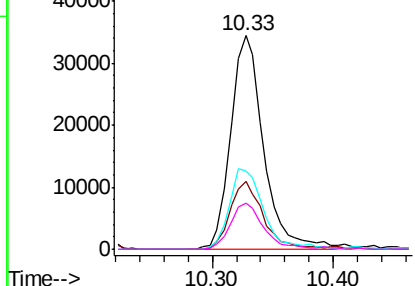
#33
4-Chloroaniline
Concen: 6.665 ng
RT: 10.33 min Scan# 1265
Delta R.T. 0.01 min
Lab File: BM026464.D
Acq: 19 Jun 2020 11:07

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2020

Tot Ion:127	Resp:	65368
Ion Ratio	Lower	Upper
127	100	
129	31.7	25.3 37.9
65	36.7	30.0 45.0
92	21.7	17.1 25.7

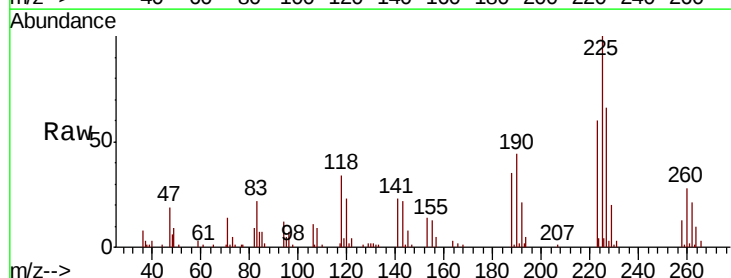


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0

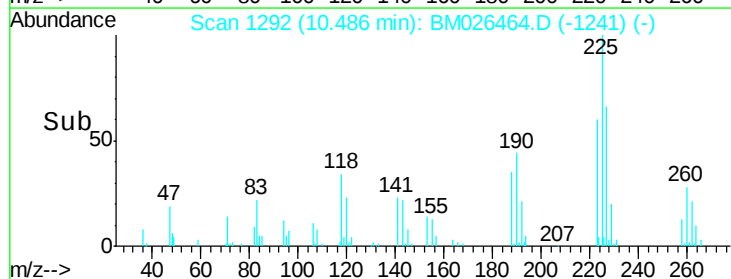
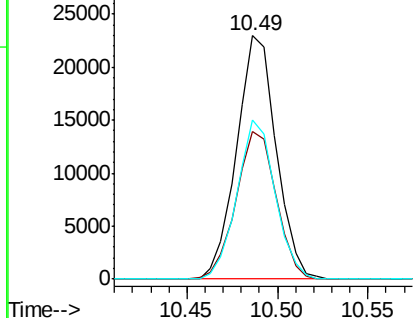


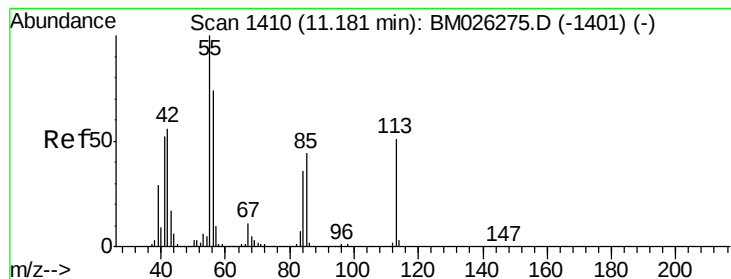
#34
Hexachlorobutadiene
Concen: 7.721 ng
RT: 10.49 min Scan# 1292
Delta R.T. -0.00 min
Lab File: BM026464.D
Acq: 19 Jun 2020 11:07

Tgt Ion:225	Resp:	34855
Ion Ratio	Lower	Upper
225	100	
223	60.4	50.2 75.4
227	65.5	49.5 74.3



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 7.700 ng

RT: 11.10 min Scan# 1397

Delta R.T. -0.02 min

Lab File: BM026464.D

Acq: 19 Jun 2020 11:07

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2020

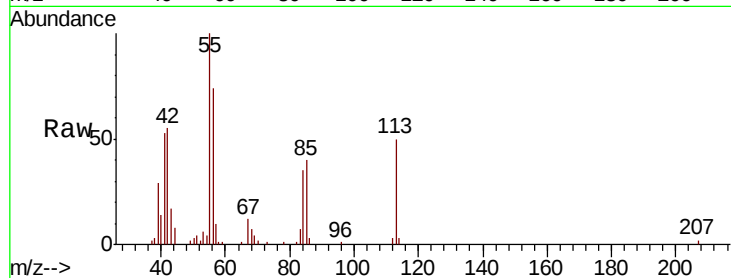
Tot Ion:113 Resp: 17642

Ion Ratio Lower Upper

113 100

55 200.0 177.1 217.1

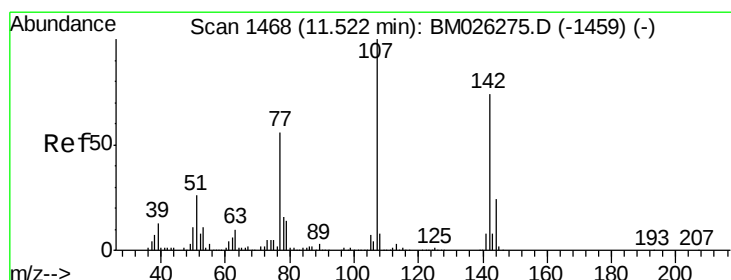
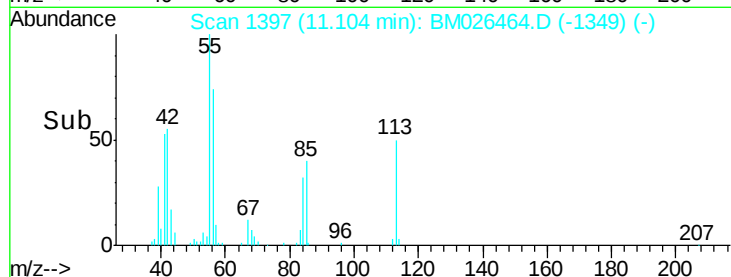
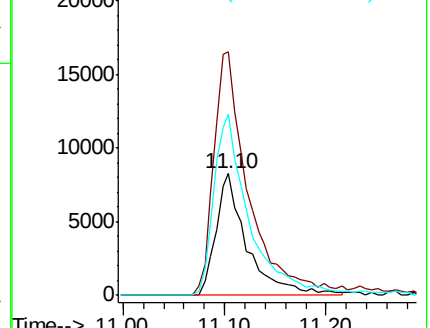
56 149.0 134.8 174.8



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM

Ion 56.00 (55.70 to 56.70): BM



#36

4-Chloro-3-methylphenol

Concen: 7.462 ng

RT: 11.47 min Scan# 1459

Delta R.T. -0.00 min

Lab File: BM026464.D

Acq: 19 Jun 2020 11:07

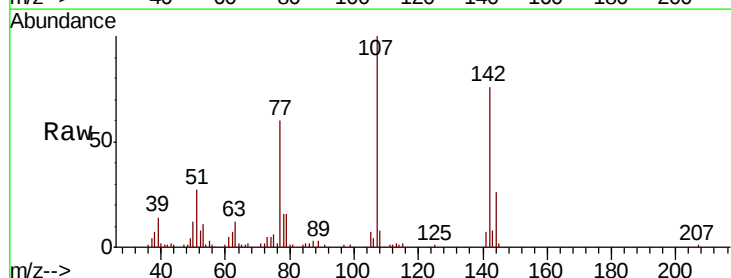
Tgt Ion:107 Resp: 59293

Ion Ratio Lower Upper

107 100

144 26.1 18.7 28.1

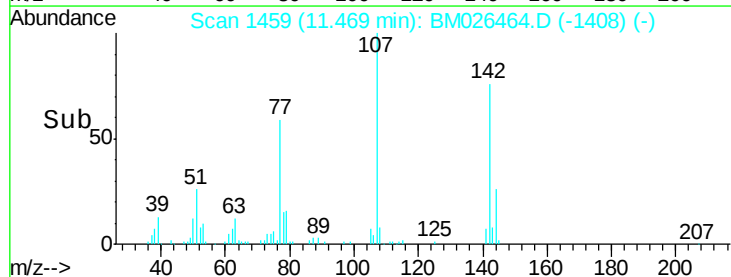
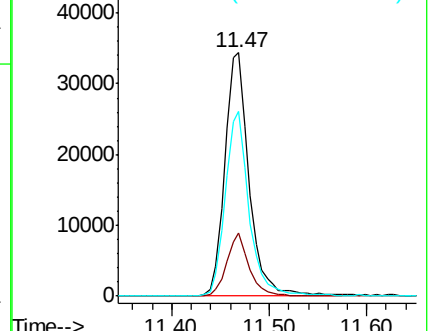
142 75.8 57.7 86.5

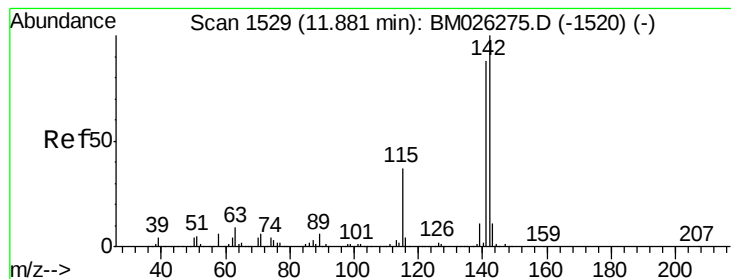


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 7.863 ng

RT: 11.82 min Scan# 1519

Delta R.T. -0.00 min

Lab File: BM026464.D

Acq: 19 Jun 2020 11:07

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2020

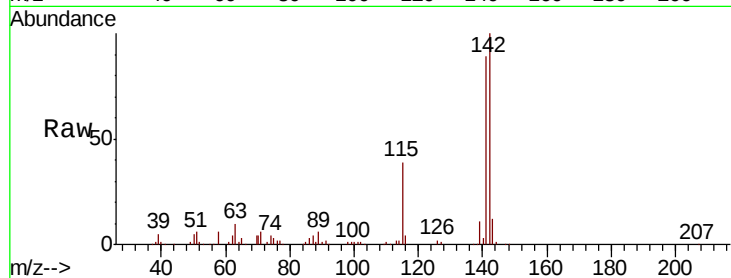
Tot Ion:142 Resp: 125992

Ion Ratio Lower Upper

142 100

141 89.2 70.5 105.7

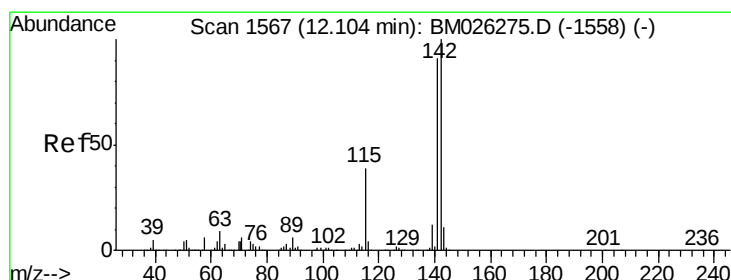
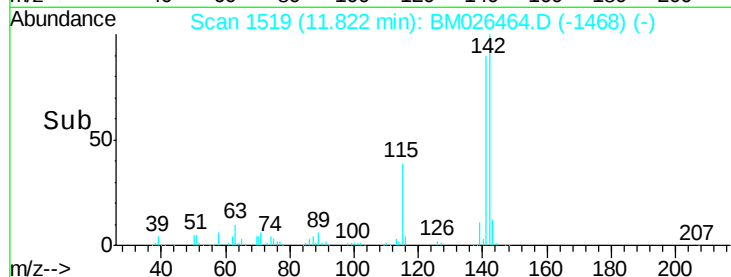
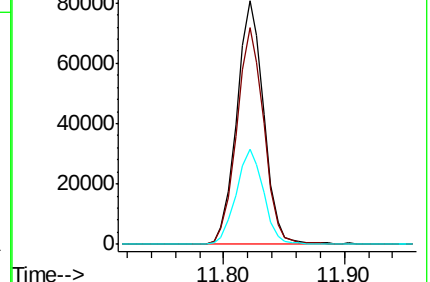
115 39.2 30.2 45.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 8.104 ng

RT: 12.05 min Scan# 1557

Delta R.T. -0.00 min

Lab File: BM026464.D

Acq: 19 Jun 2020 11:07

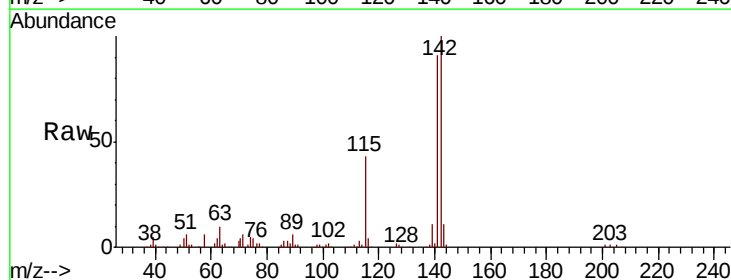
Tgt Ion:142 Resp: 123016

Ion Ratio Lower Upper

142 100

141 91.2 73.3 109.9

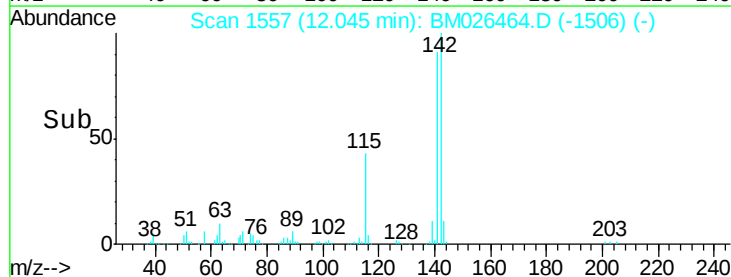
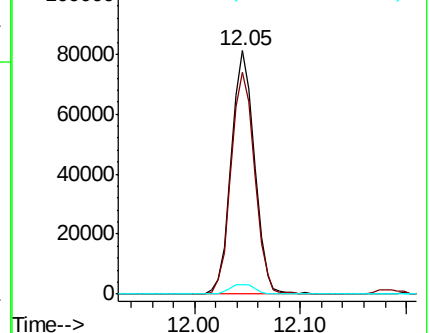
116 4.0 3.4 5.0

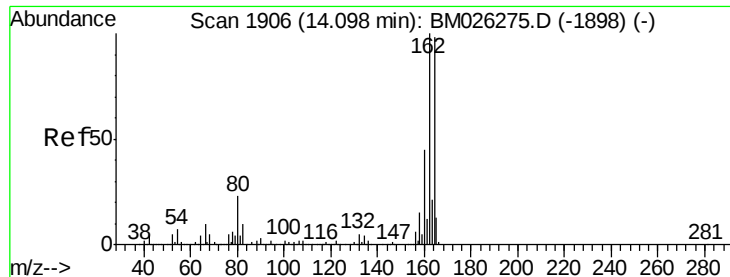


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.04 min Scan# 1897

Delta R.T. -0.00 min

Lab File: BM026464.D

Acq: 19 Jun 2020 11:07

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2020

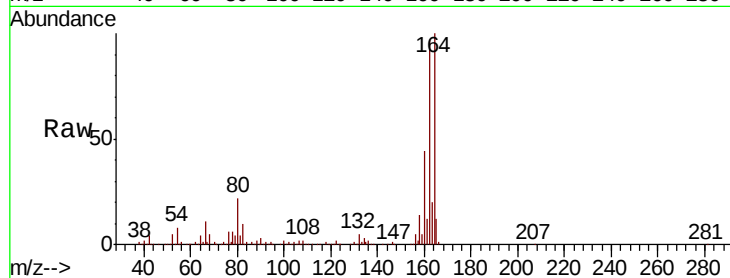
Tot Ion:164 Resp: 307960

Ion Ratio Lower Upper

164 100

162 97.1 77.7 116.5

160 44.1 34.2 51.2

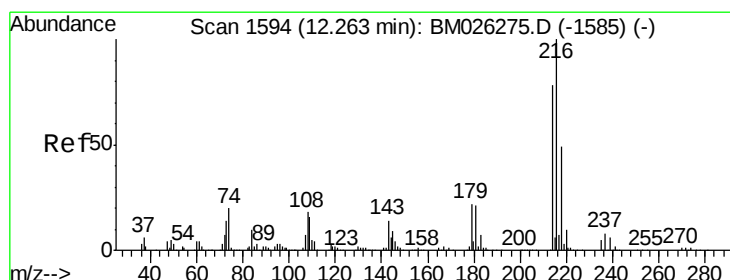
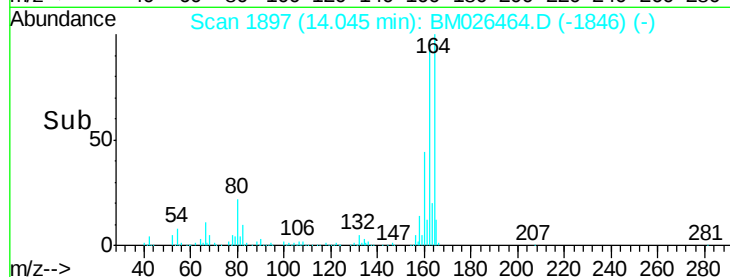
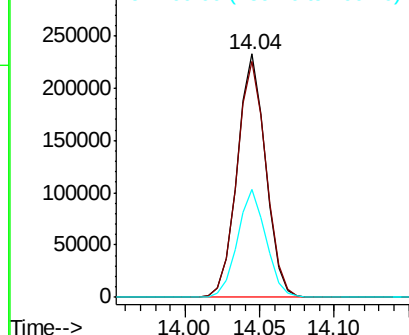


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 7.868 ng

RT: 12.21 min Scan# 1585

Delta R.T. 0.01 min

Lab File: BM026464.D

Acq: 19 Jun 2020 11:07

Tgt Ion:216 Resp: 68977

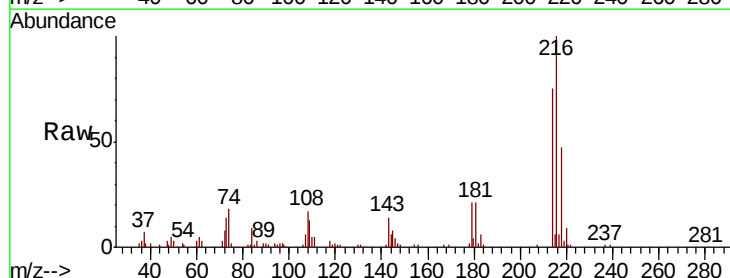
Ion Ratio Lower Upper

216 100

214 77.1 61.9 92.9

179 21.0 16.3 24.5

108 19.5 15.3 22.9



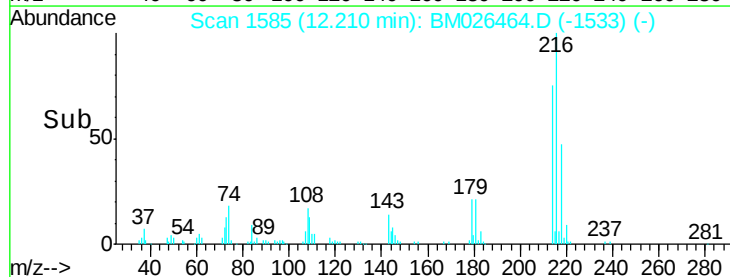
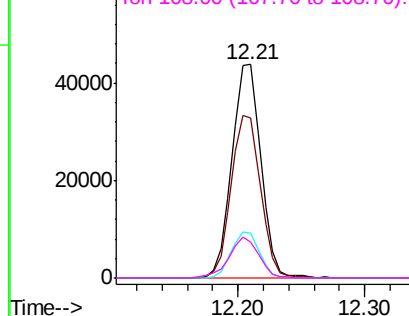
Abundance

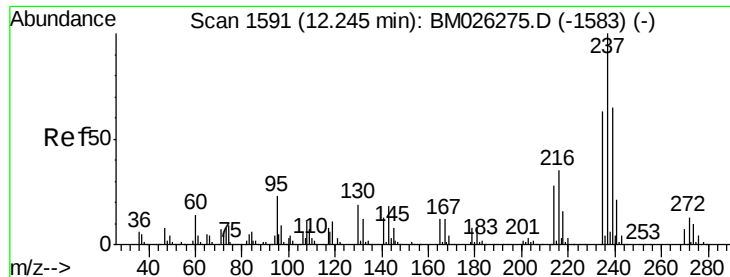
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

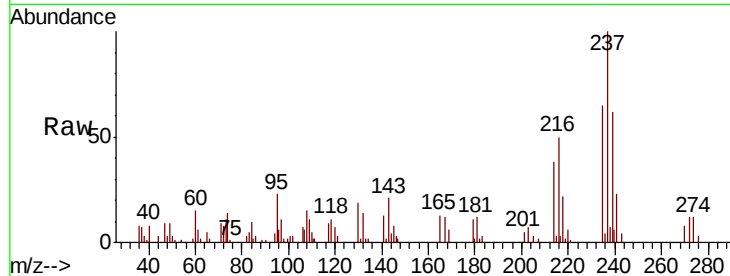




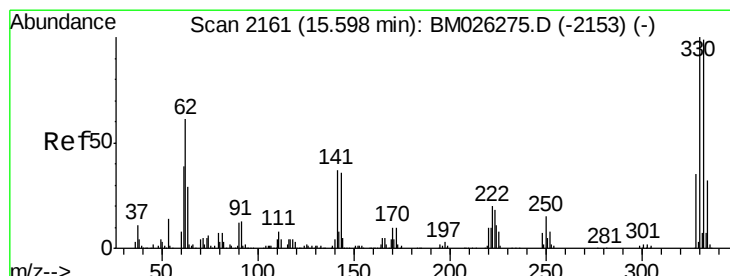
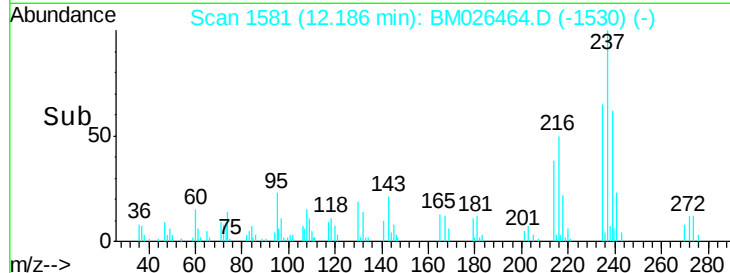
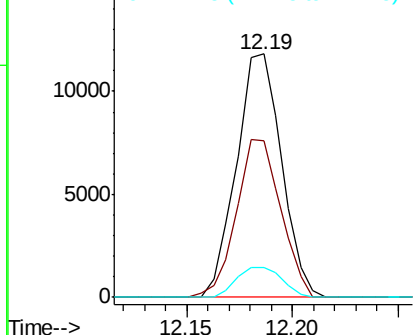
#41
Hexachlorocyclopentadiene
Concen: 3.391 ng
RT: 12.19 min Scan# 1581
Delta R.T. -0.00 min
Lab File: BM026464.D
Acq: 19 Jun 2020 11:07

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2020

Tot Ion:237 Resp: 17516
Ion Ratio Lower Upper
237 100
235 64.5 42.1 82.1
272 12.4 0.0 33.5

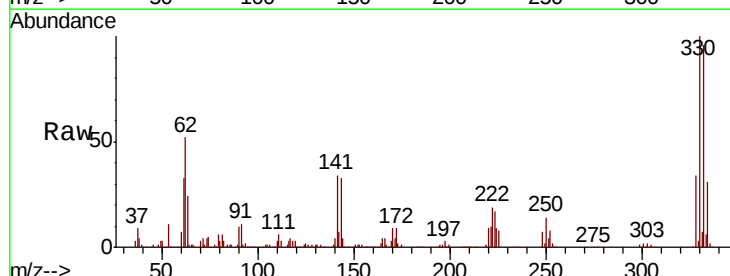


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

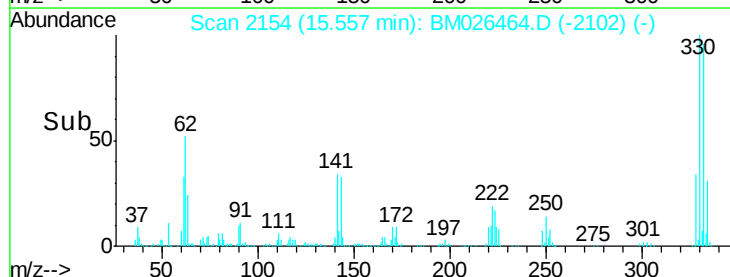
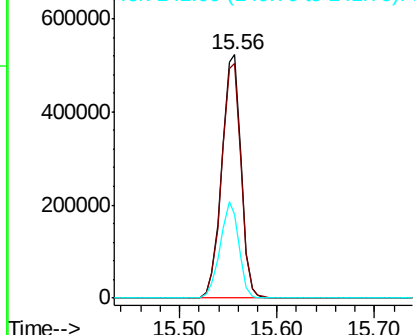


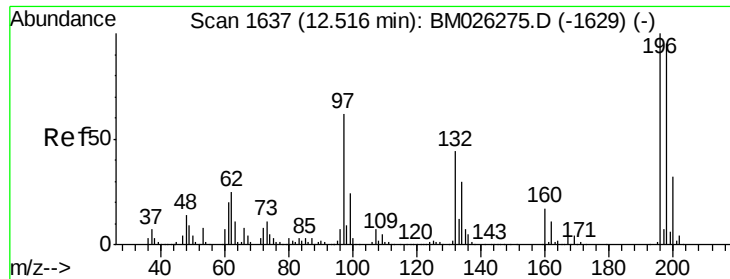
#42
2,4,6-Tribromophenol
Concen: 191.107 ng
RT: 15.56 min Scan# 2154
Delta R.T. 0.01 min
Lab File: BM026464.D
Acq: 19 Jun 2020 11:07

Tgt Ion:330 Resp: 712921
Ion Ratio Lower Upper
330 100
332 97.3 77.7 116.5
141 38.4 29.7 44.5



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

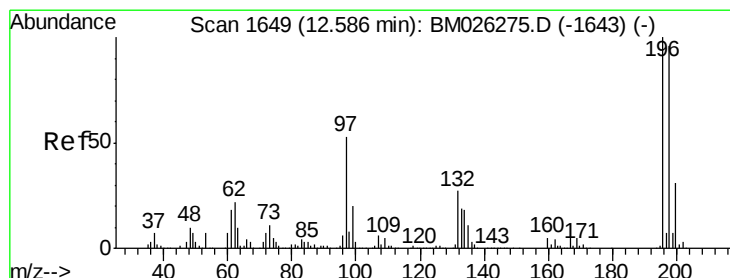
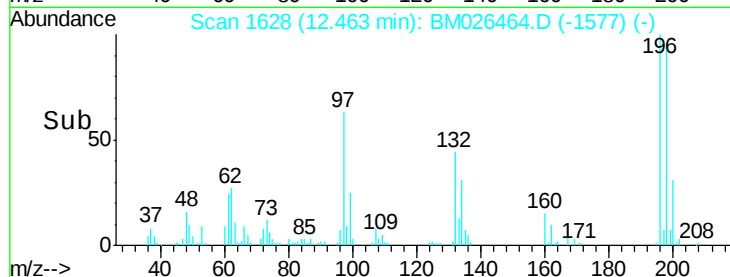
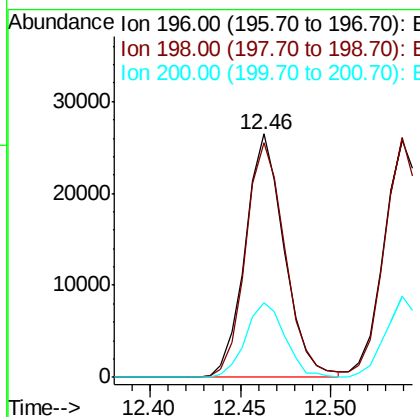
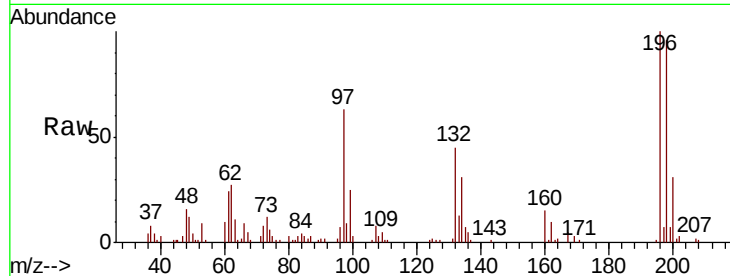




#43
 2,4,6-Trichlorophenol
 Concen: 6.686 ng
 RT: 12.46 min Scan# 1628
 Delta R.T. -0.00 min
 Lab File: BM026464.D
 Acq: 19 Jun 2020 11:07

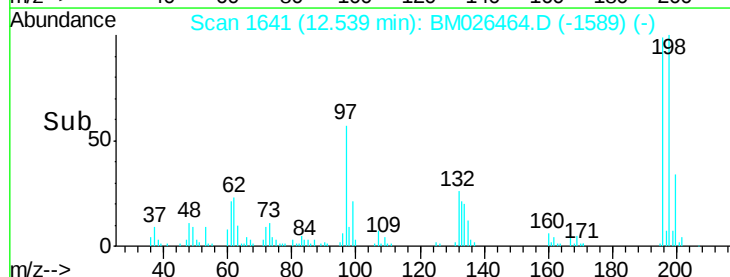
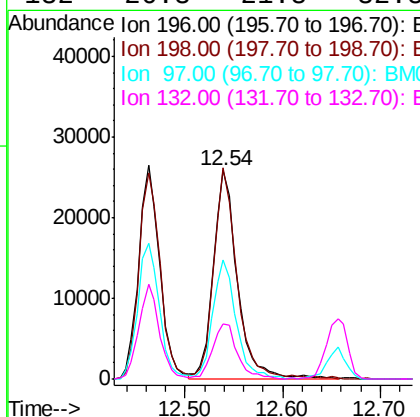
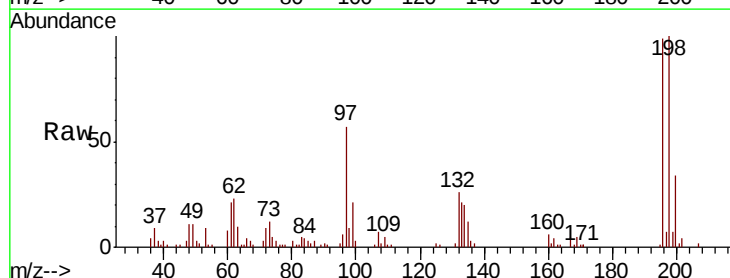
Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2020

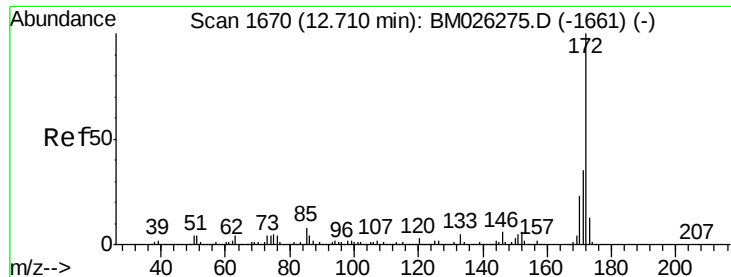
Tot Ion:196 Resp: 39673
 Ion Ratio Lower Upper
 196 100
 198 96.3 79.0 118.4
 200 30.9 25.2 37.8



#44
 2,4,5-Trichlorophenol
 Concen: 6.441 ng
 RT: 12.54 min Scan# 1641
 Delta R.T. 0.01 min
 Lab File: BM026464.D
 Acq: 19 Jun 2020 11:07

Tgt Ion:196 Resp: 44364
 Ion Ratio Lower Upper
 196 100
 198 101.4 77.1 115.7
 97 57.3 43.0 64.4
 132 26.3 21.8 32.8

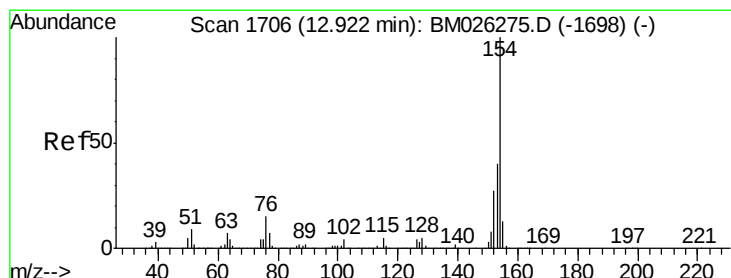
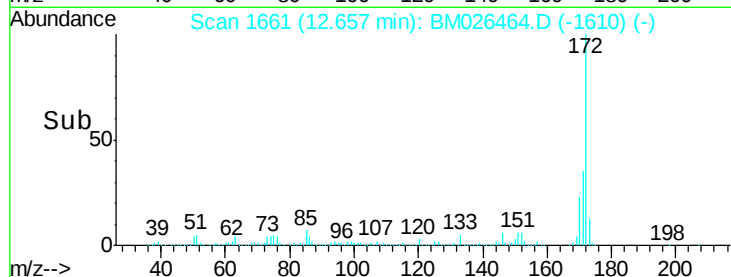
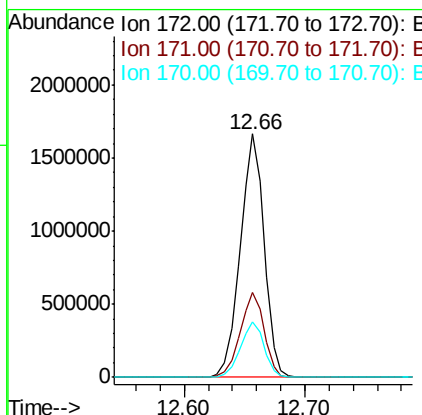
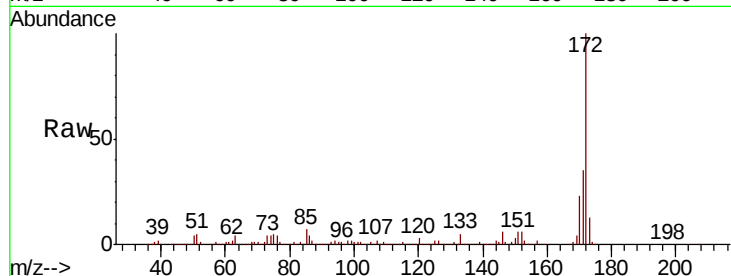




#45
2-Fluorobiphenyl
Concen: 112.899 ng
RT: 12.66 min Scan# 1661
Delta R.T. -0.00 min
Lab File: BM026464.D
Acq: 19 Jun 2020 11:07

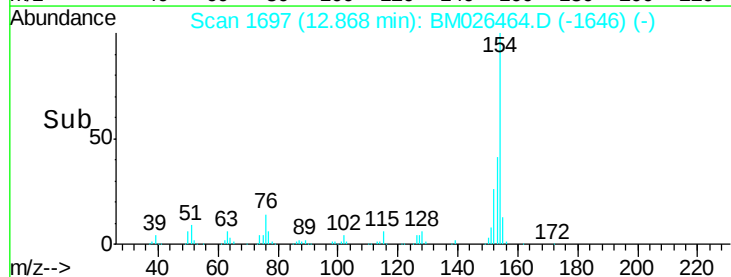
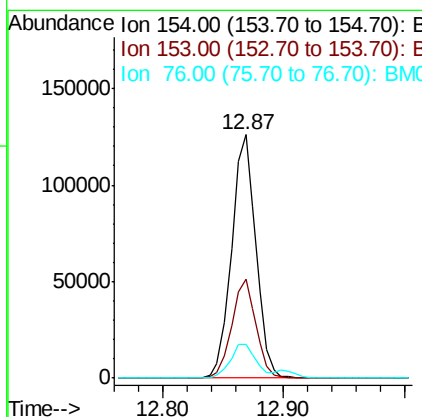
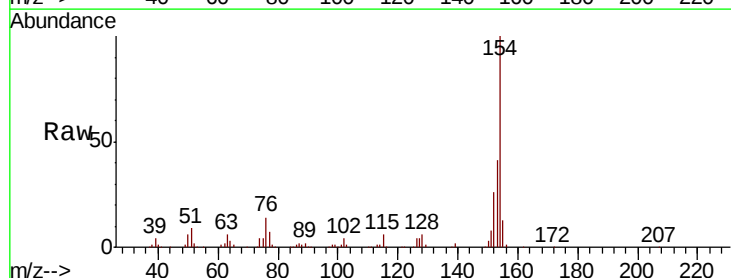
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2020

Tot Ion:172 Resp: 2290460
Ion Ratio Lower Upper
172 100
171 34.8 27.8 41.8
170 22.8 18.2 27.4



#46
1,1'-Biphenyl
Concen: 8.156 ng
RT: 12.87 min Scan# 1697
Delta R.T. -0.00 min
Lab File: BM026464.D
Acq: 19 Jun 2020 11:07

Tgt Ion:154 Resp: 176083
Ion Ratio Lower Upper
154 100
153 40.7 20.0 60.0
76 13.8 0.0 34.6

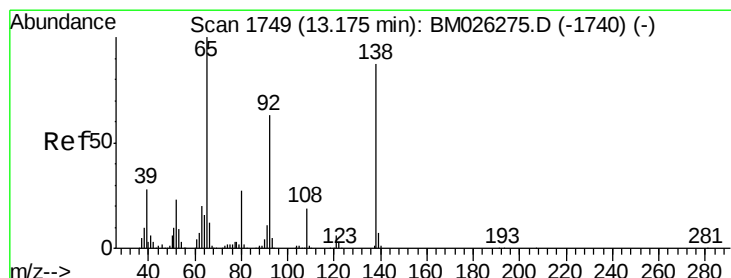
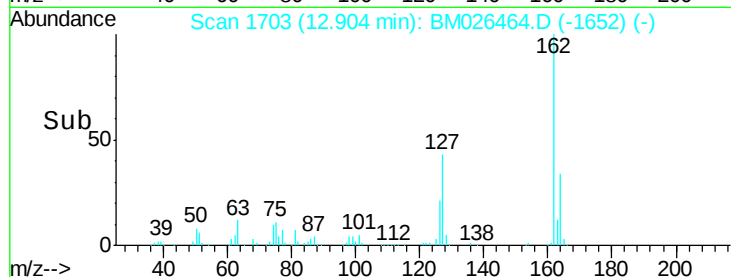
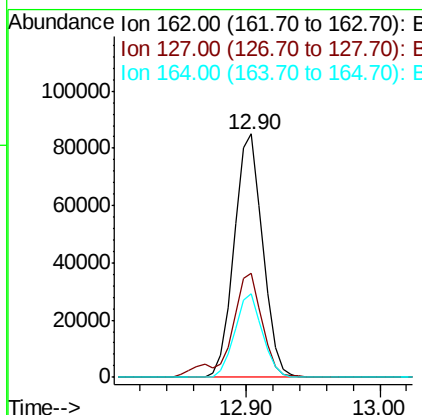
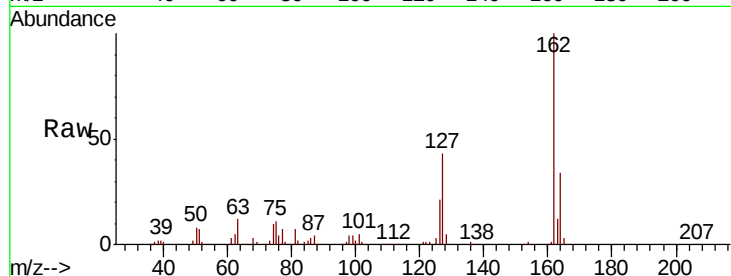




#47
 2-Chloronaphthalene
 Concen: 7.186 ng
 RT: 12.90 min Scan# 1703
 Delta R.T. -0.00 min
 Lab File: BM026464.D
 Acq: 19 Jun 2020 11:07

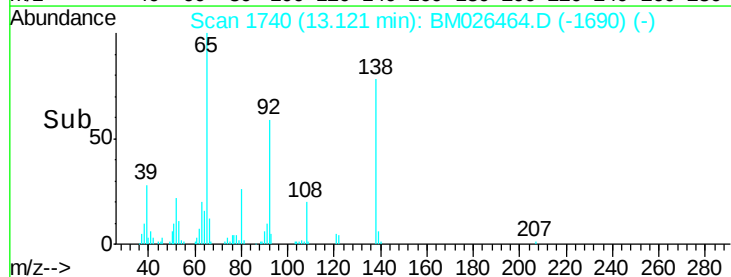
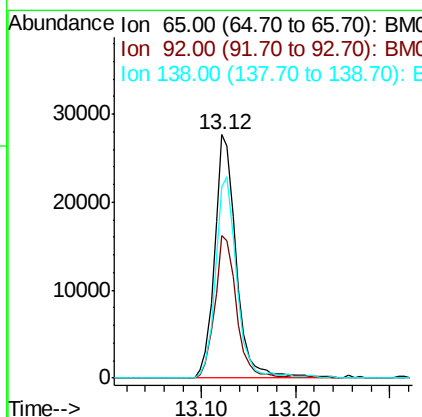
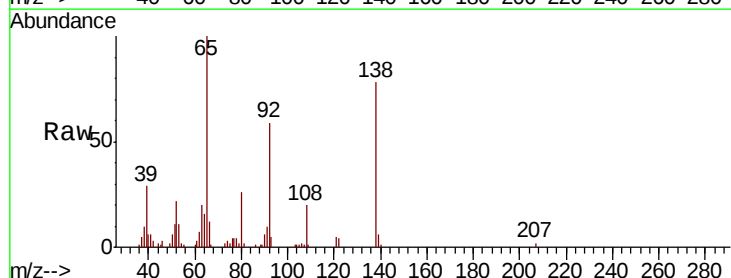
Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2020

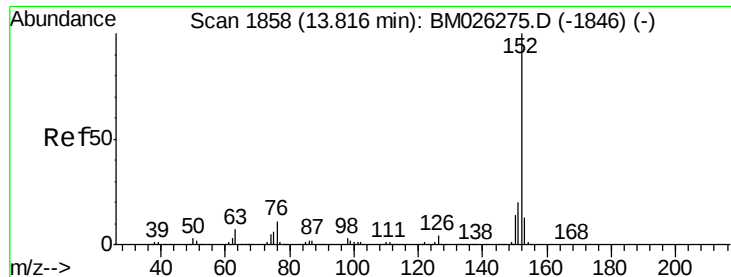
Tot Ion	Ratio	Lower	Upper
162	100		
127	42.9	34.0	51.0
164	34.4	26.3	39.5



#48
 2-Nitroaniline
 Concen: 6.434 ng
 RT: 13.12 min Scan# 1740
 Delta R.T. -0.01 min
 Lab File: BM026464.D
 Acq: 19 Jun 2020 11:07

Tgt Ion	Ratio	Lower	Upper
65	100		
92	58.5	50.6	76.0
138	78.4	71.6	107.4





#49

Acenaphthylene

Concen: 7.423 ng

RT: 13.76 min Scan# 1848

Delta R.T. -0.01 min

Lab File: BM026464.D

Acq: 19 Jun 2020 11:07

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2020

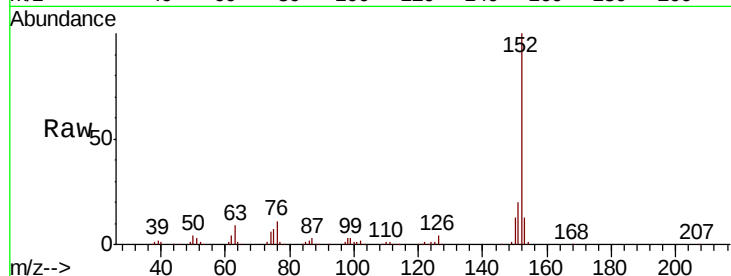
Tot Ion:152 Resp: 208206

Ion Ratio Lower Upper

152 100

151 20.2 15.8 23.6

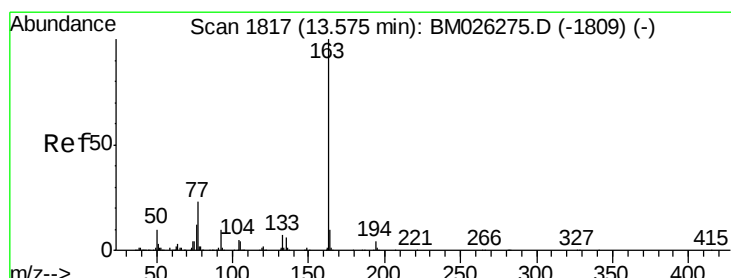
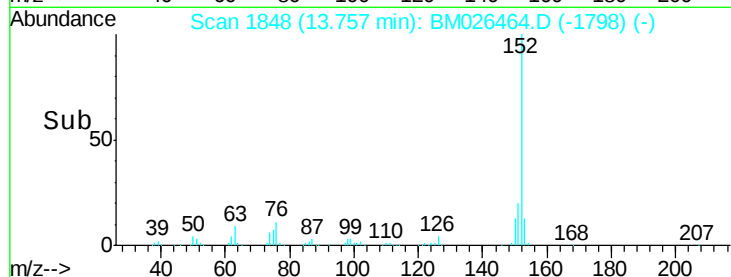
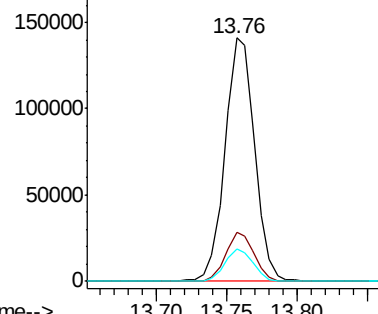
153 13.3 10.1 15.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 7.627 ng

RT: 13.52 min Scan# 1808

Delta R.T. -0.01 min

Lab File: BM026464.D

Acq: 19 Jun 2020 11:07

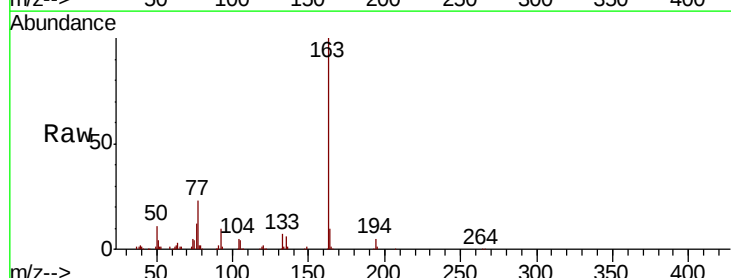
Tgt Ion:163 Resp: 171800

Ion Ratio Lower Upper

163 100

194 4.8 3.4 5.2

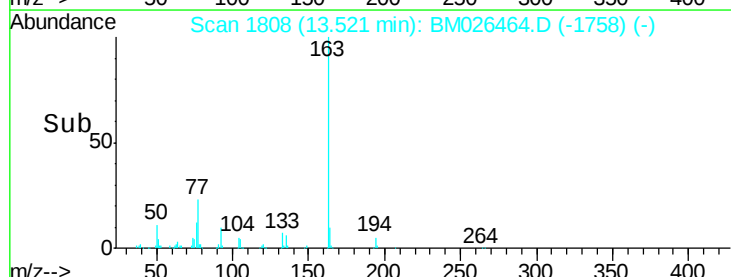
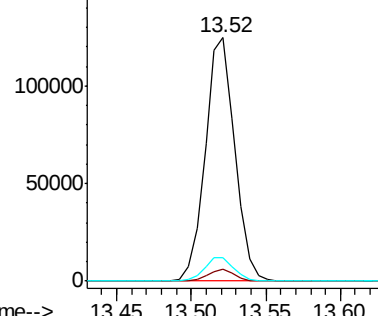
164 9.6 7.8 11.8

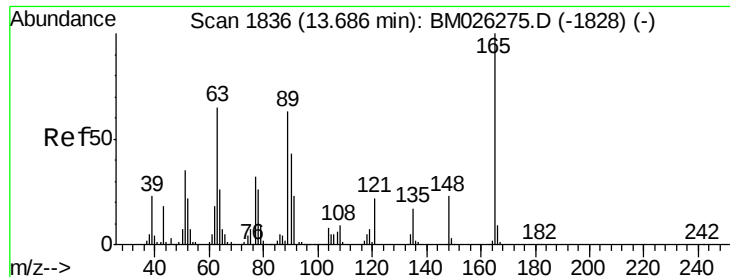


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

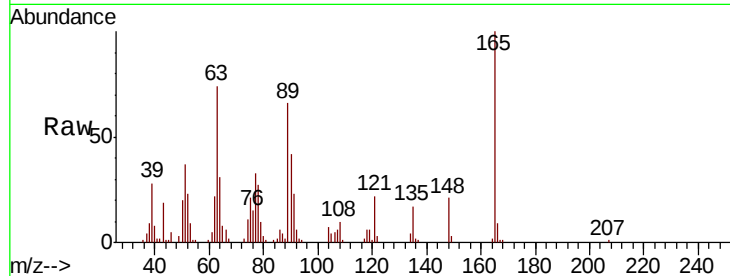




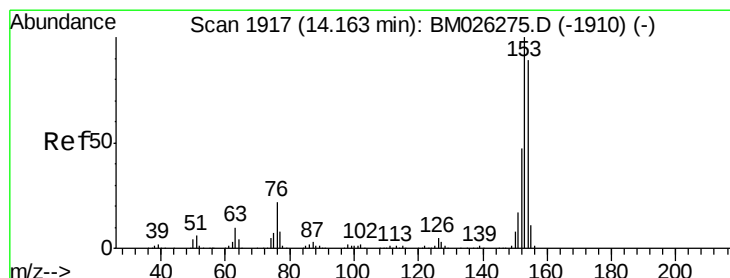
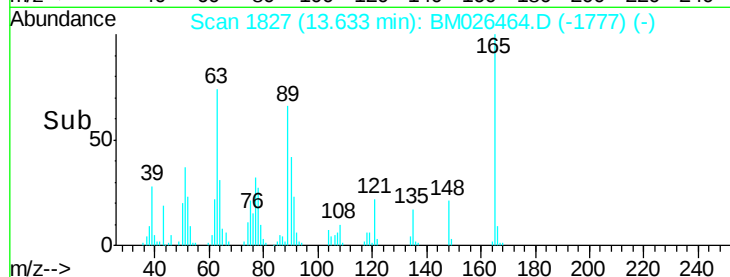
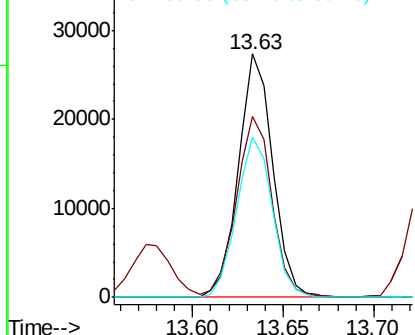
#51
2,6-Dinitrotoluene
Concen: 7.257 ng
RT: 13.63 min Scan# 1827
Delta R.T. -0.01 min
Lab File: BM026464.D
Acq: 19 Jun 2020 11:07

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2020

Tot Ion:165 Resp: 35869
Ion Ratio Lower Upper
165 100
63 74.1 54.3 81.5
89 65.9 51.5 77.3

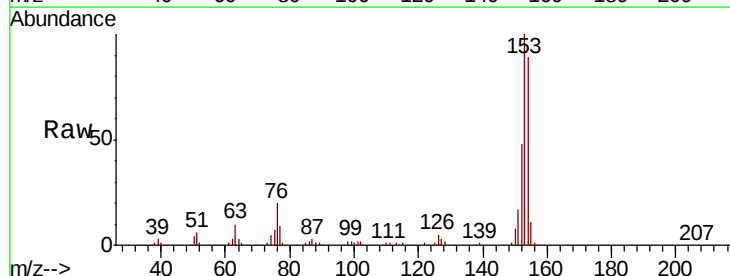


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BM0
Ion 89.00 (88.70 to 89.70): BM0

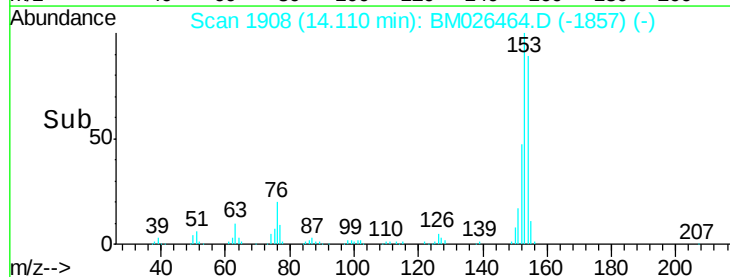
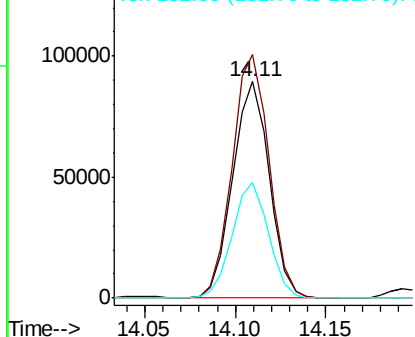


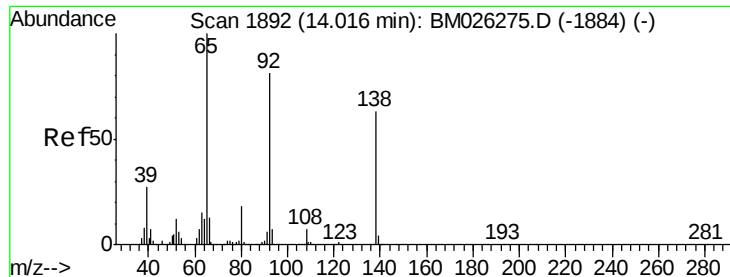
#52
Acenaphthene
Concen: 7.459 ng
RT: 14.11 min Scan# 1908
Delta R.T. -0.00 min
Lab File: BM026464.D
Acq: 19 Jun 2020 11:07

Tgt Ion:154 Resp: 125594
Ion Ratio Lower Upper
154 100
153 112.5 88.6 132.8
152 53.7 42.0 63.0



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

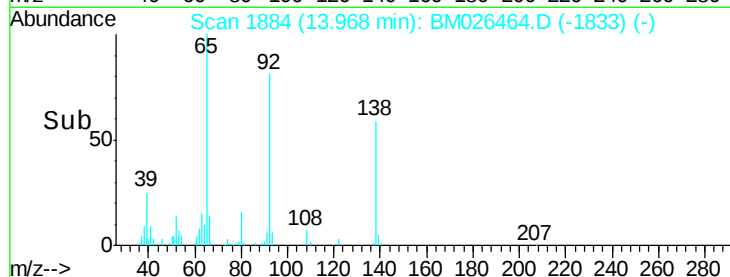
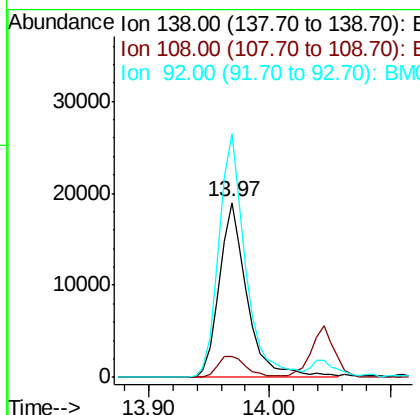
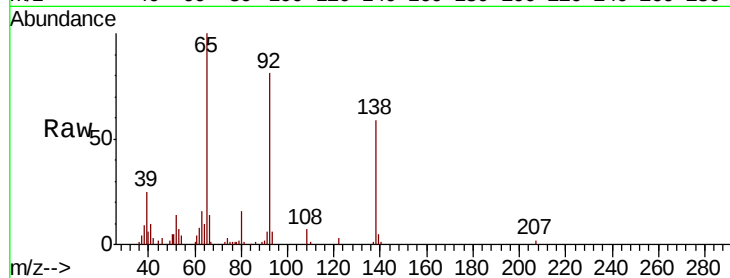




#53
3-Nitroaniline
Concen: 5.487 ng
RT: 13.97 min Scan# 1884
Delta R.T. -0.00 min
Lab File: BM026464.D
Acq: 19 Jun 2020 11:07

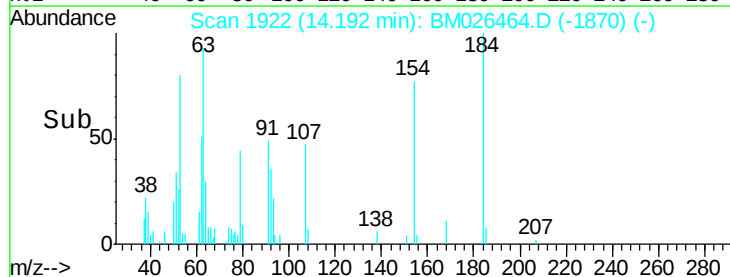
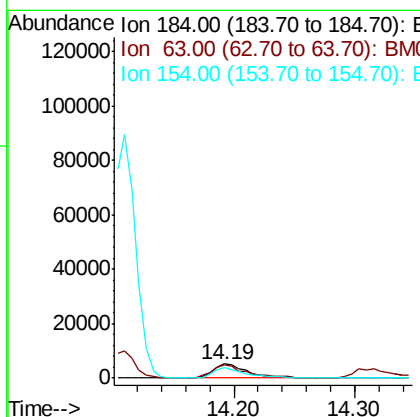
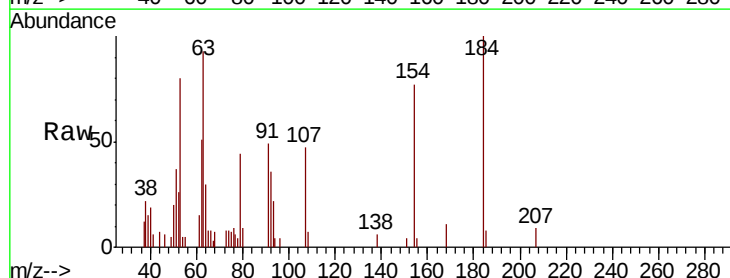
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2020

Tot Ion:138 Resp: 30199
Ion Ratio Lower Upper
138 100
108 12.2 9.4 14.0
92 139.2 105.4 158.2



#54
2,4-Dinitrophenol
Concen: 3.588 ng
RT: 14.19 min Scan# 1922
Delta R.T. 0.01 min
Lab File: BM026464.D
Acq: 19 Jun 2020 11:07

Tgt Ion:184 Resp: 10778
Ion Ratio Lower Upper
184 100
63 92.9 61.8 92.6#
154 77.1 53.1 79.7

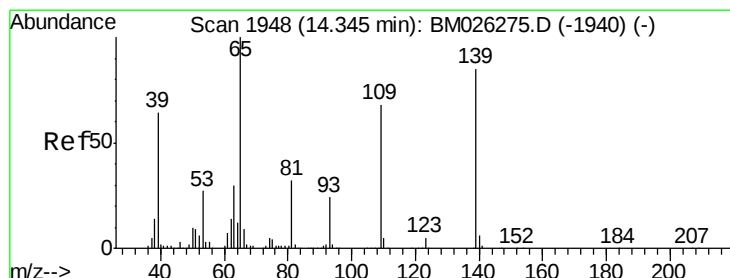
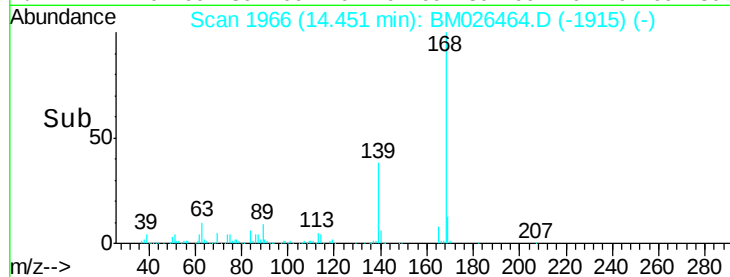
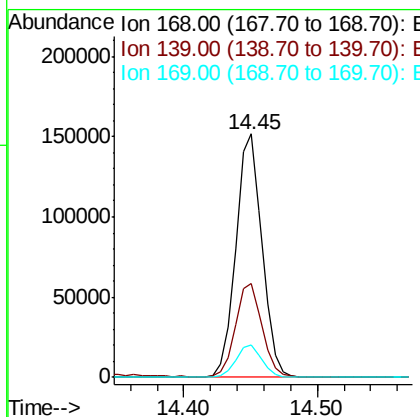
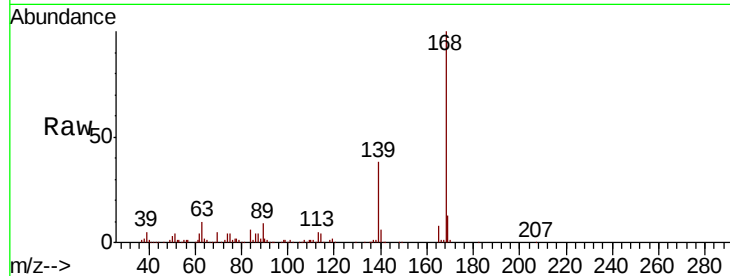




#55
Dibenzenofuran
Concen: 7.589 ng
RT: 14.45 min Scan# 1966
Delta R.T. -0.00 min
Lab File: BM026464.D
Acq: 19 Jun 2020 11:07

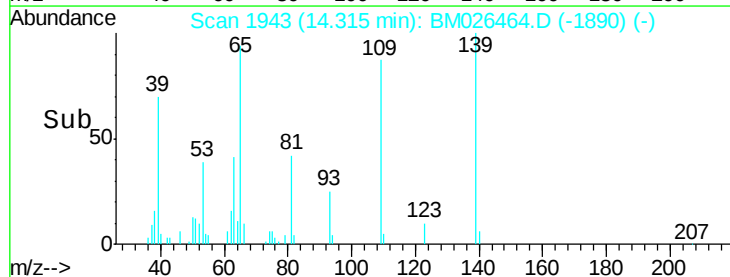
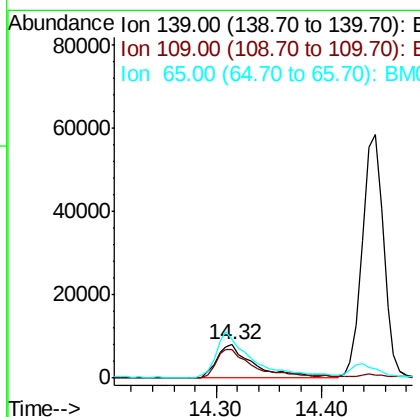
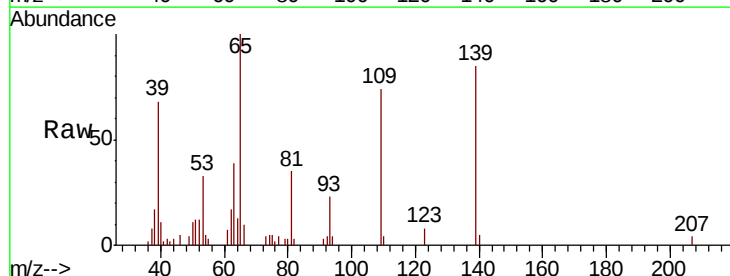
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2020

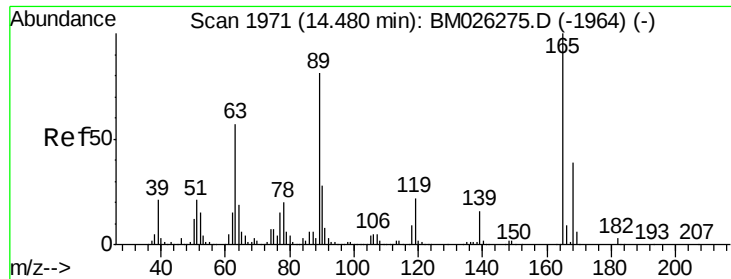
Tot Ion	Ratio	Lower	Upper
168	100		
139	38.5	31.4	47.0
169	13.2	10.7	16.1



#56
4-Nitrophenol
Concen: 4.608 ng
RT: 14.32 min Scan# 1943
Delta R.T. 0.01 min
Lab File: BM026464.D
Acq: 19 Jun 2020 11:07

Tgt Ion	Ratio	Lower	Upper
139	100		
109	87.5	64.9	104.9
65	117.8	98.1	138.1

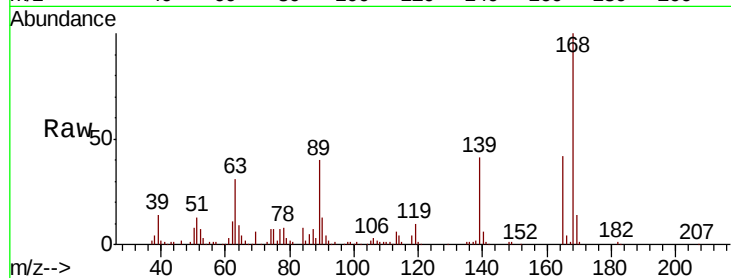




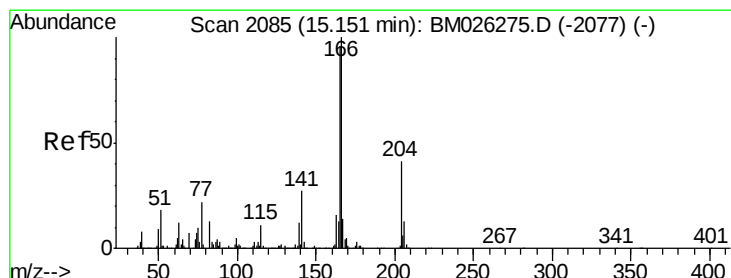
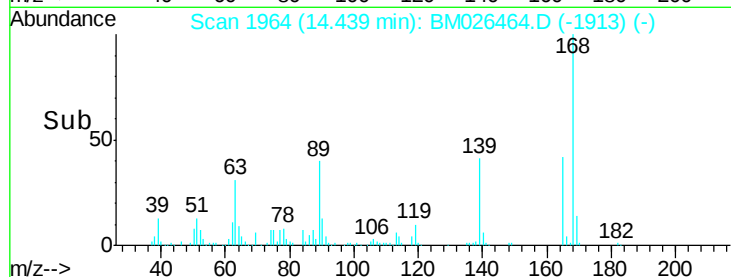
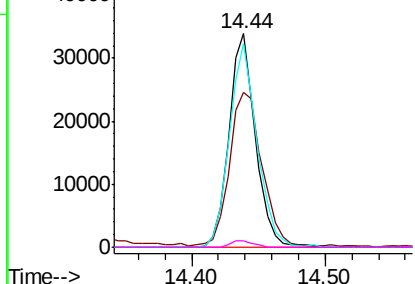
#57
2,4-Dinitrotoluene
Concen: 6.867 ng
RT: 14.44 min Scan# 1964
Delta R.T. -0.00 min
Lab File: BM026464.D
Acq: 19 Jun 2020 11:07

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2020

Tot Ion:165 Resp: 47194
Ion Ratio Lower Upper
165 100
63 72.4 48.1 72.1#
89 95.6 65.6 98.4
182 2.8 2.7 4.1

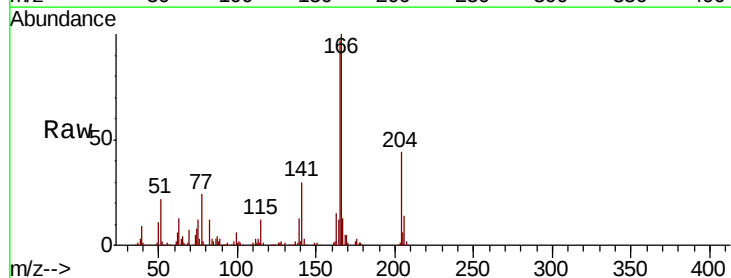


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BM0
Ion 89.00 (88.70 to 89.70): BM0
Ion 182.00 (181.70 to 182.70): E

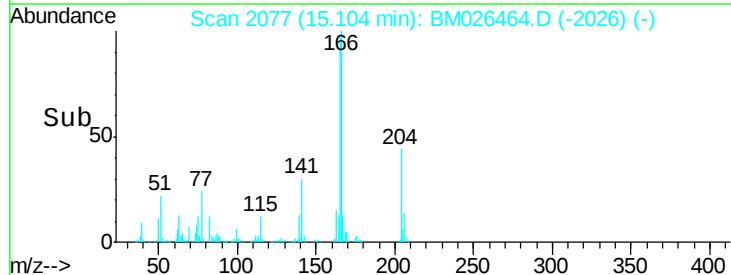
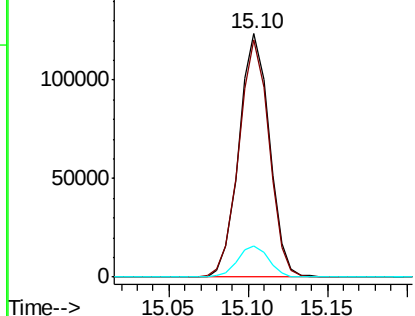


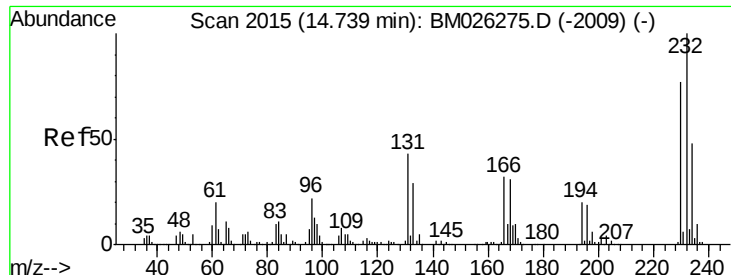
#58
Fluorene
Concen: 7.497 ng
RT: 15.10 min Scan# 2077
Delta R.T. -0.00 min
Lab File: BM026464.D
Acq: 19 Jun 2020 11:07

Tgt Ion:166 Resp: 165209
Ion Ratio Lower Upper
166 100
165 97.4 77.5 116.3
167 13.0 10.9 16.3



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

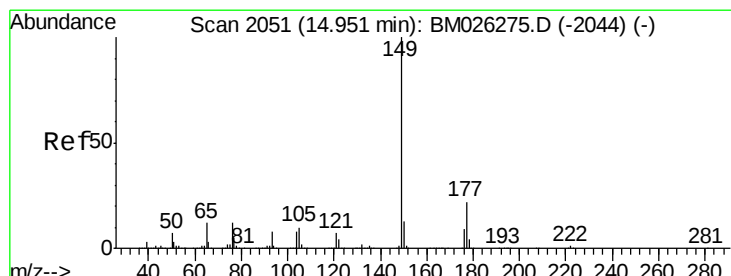
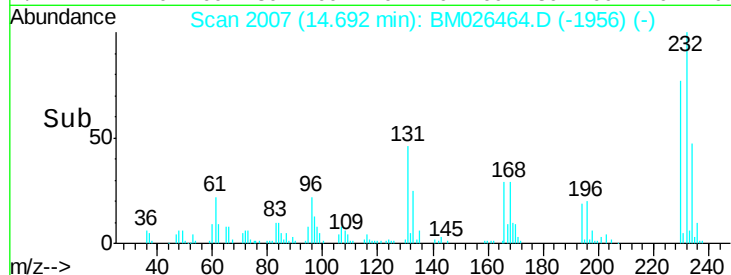
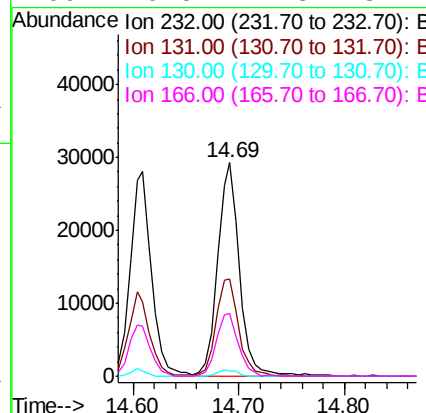
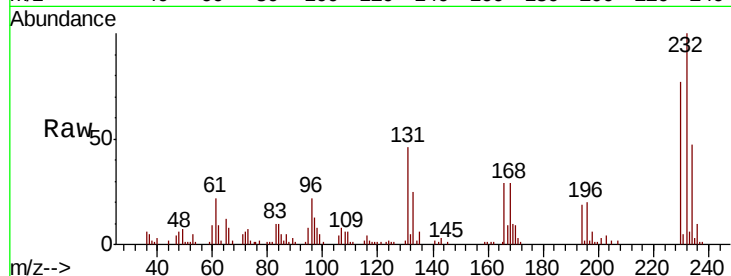




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 7.247 ng
 RT: 14.69 min Scan# 2007
 Delta R.T. -0.00 min
 Lab File: BM026464.D
 Acq: 19 Jun 2020 11:07

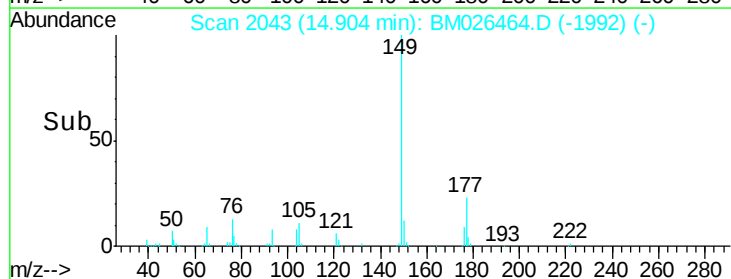
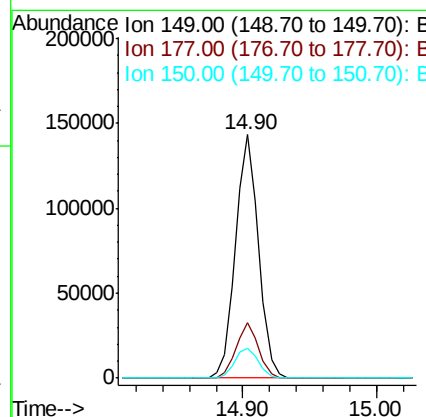
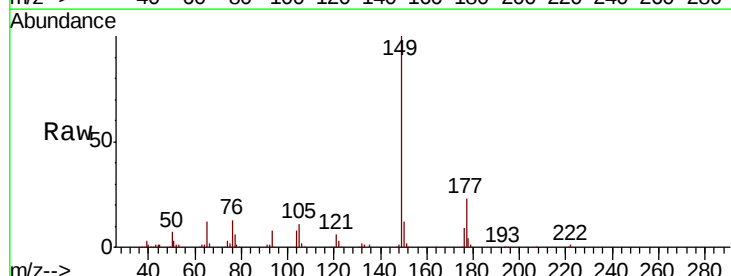
Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2020

Tot Ion:	232	Resp:	42690
Ion	Ratio	Lower	Upper
232	100		
131	46.9	36.4	54.6
130	2.6	2.0	3.0
166	29.8	24.8	37.2



#60
 Diethylphthalate
 Concen: 7.542 ng
 RT: 14.90 min Scan# 2043
 Delta R.T. -0.00 min
 Lab File: BM026464.D
 Acq: 19 Jun 2020 11:07

Tgt Ion:	149	Resp:	173046
Ion	Ratio	Lower	Upper
149	100		
177	22.9	17.6	26.4
150	12.3	9.9	14.9

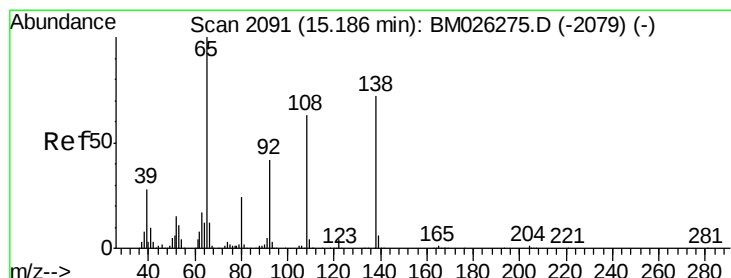
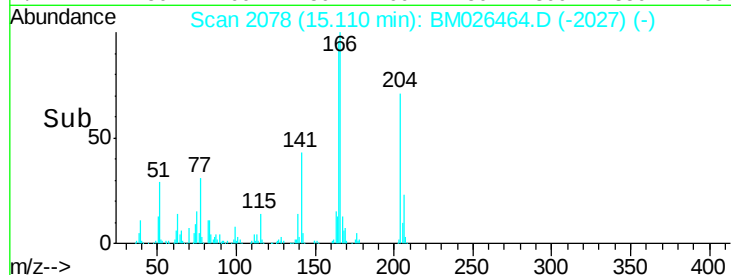
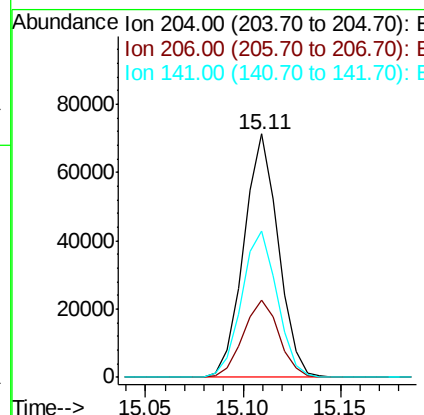
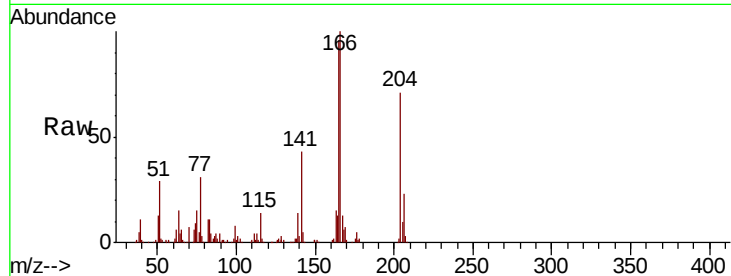




#61
4-Chlorophenyl-phenylether
Concen: 7.464 ng
RT: 15.11 min Scan# 2078
Delta R.T. -0.00 min
Lab File: BM026464.D
Acq: 19 Jun 2020 11:07

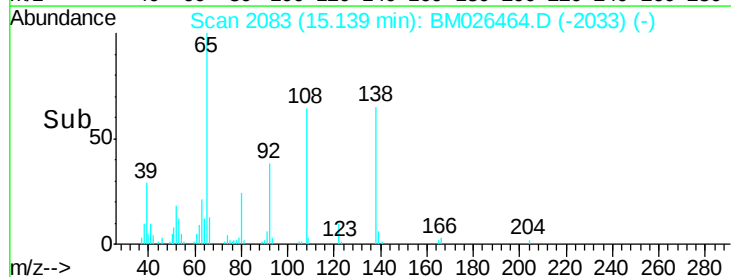
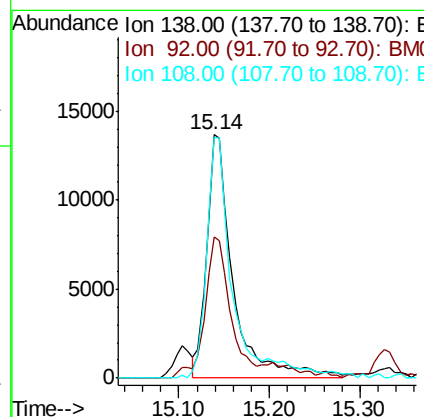
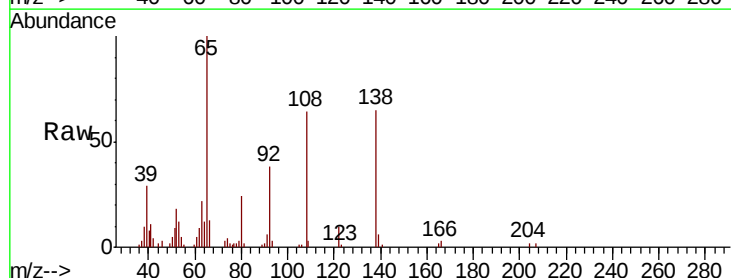
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2020

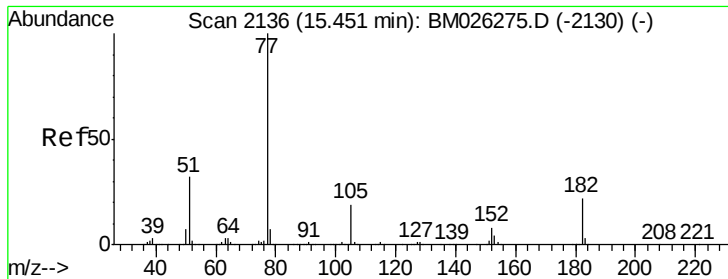
Tot Ion:204 Resp: 87243
Ion Ratio Lower Upper
204 100
206 31.6 26.6 40.0
141 59.9 49.4 74.2



#62
4-Nitroaniline
Concen: 4.756 ng
RT: 15.14 min Scan# 2083
Delta R.T. -0.01 min
Lab File: BM026464.D
Acq: 19 Jun 2020 11:07

Tgt Ion:138 Resp: 27915
Ion Ratio Lower Upper
138 100
92 58.0 37.5 77.5
108 99.1 66.3 106.3

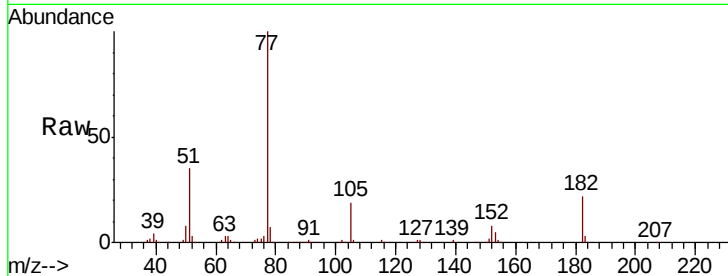




#63
Azobenzene
Concen: 7.593 ng
RT: 15.40 min Scan# 2128
Delta R.T. -0.00 min
Lab File: BM026464.D
Acq: 19 Jun 2020 11:07

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2020

Tot Ion:	77	Resp:	190591
Ion	Ratio	Lower	Upper
77	100		
182	21.9	2.1	42.1
105	18.9	0.0	38.3
51	35.2	13.5	53.5

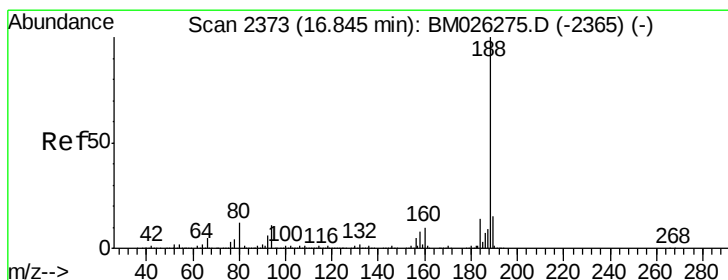
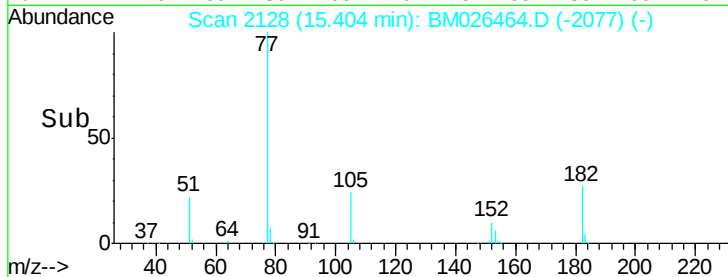
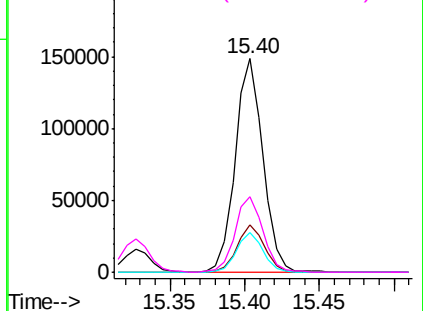


Abundance Ion 77.00 (76.70 to 77.70): BM026464.D (-2077) (-)

Ion 182.00 (181.70 to 182.70): E

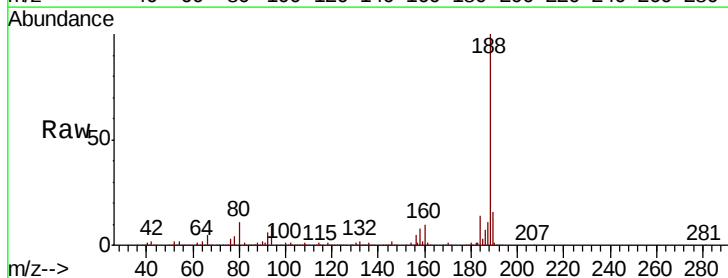
Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BM026464.D (-2077) (-)



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.80 min Scan# 2366
Delta R.T. -0.00 min
Lab File: BM026464.D
Acq: 19 Jun 2020 11:07

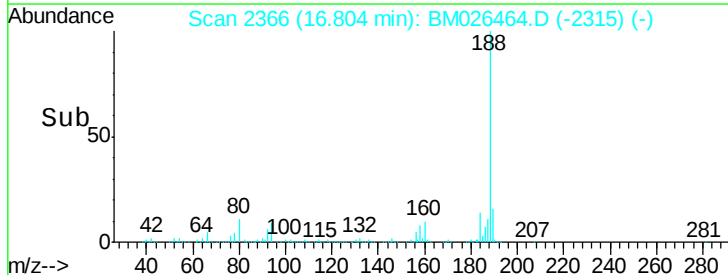
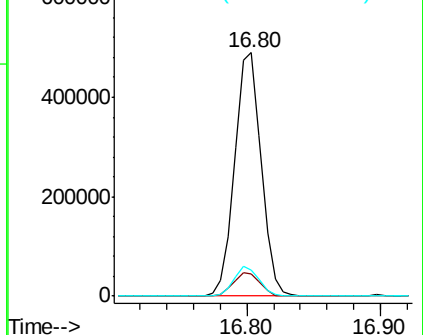
Tgt Ion:	188	Resp:	678054
Ion	Ratio	Lower	Upper
188	100		
94	9.1	7.8	11.6
80	10.9	9.5	14.3

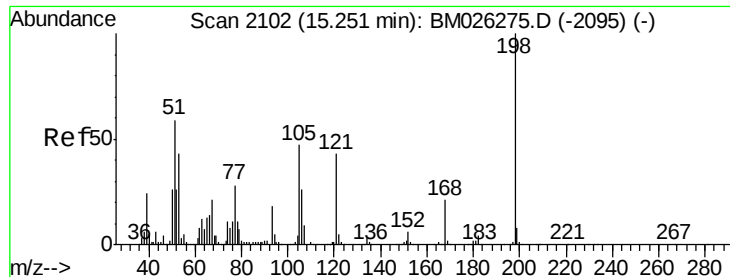


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM026464.D (-2315) (-)

Ion 80.00 (79.70 to 80.70): BM026464.D (-2315) (-)

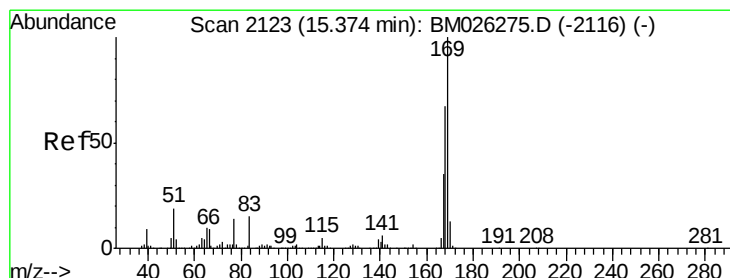
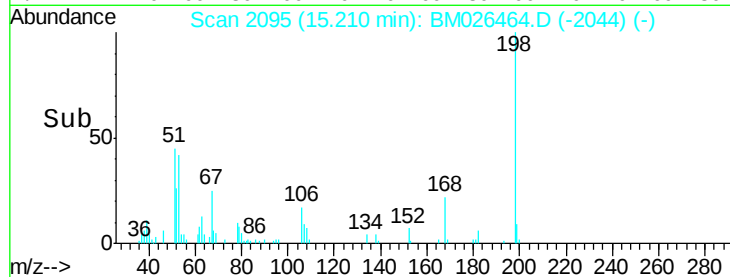
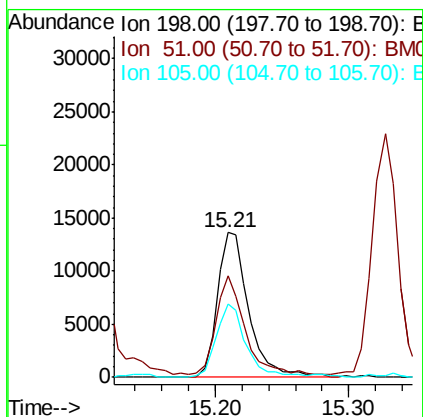
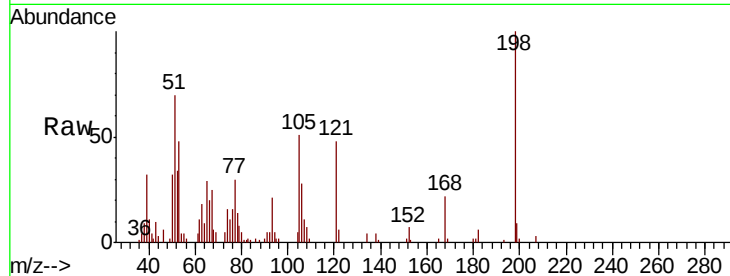




#65
4,6-Dinitro-2-methylphenol
Concen: 5.417 ng
RT: 15.21 min Scan# 2095
Delta R.T. -0.00 min
Lab File: BM026464.D
Acq: 19 Jun 2020 11:07

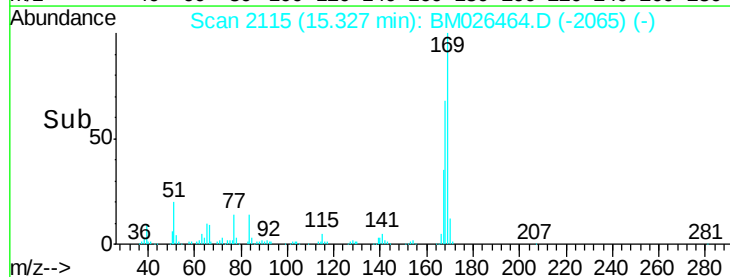
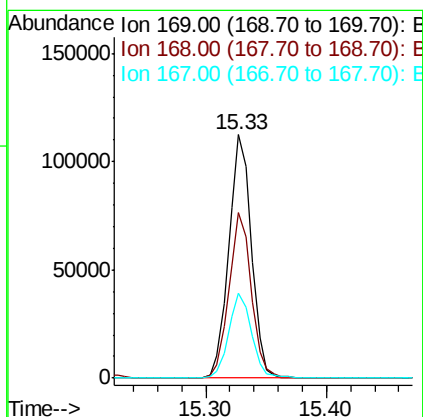
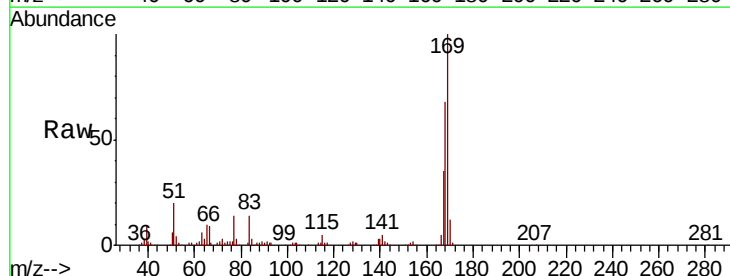
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2020

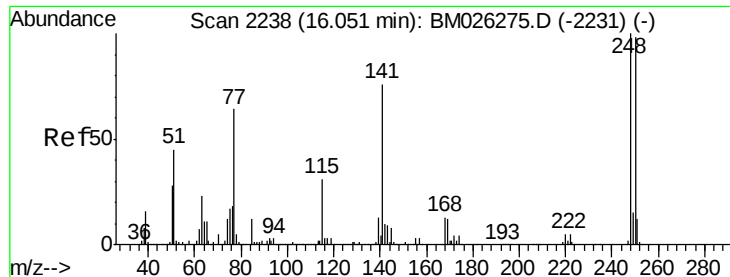
Tot Ion:198 Resp: 22336
Ion Ratio Lower Upper
198 100
51 70.5 35.6 75.6
105 51.2 24.3 64.3



#66
n-Nitrosodiphenylamine
Concen: 7.439 ng
RT: 15.33 min Scan# 2115
Delta R.T. -0.01 min
Lab File: BM026464.D
Acq: 19 Jun 2020 11:07

Tgt Ion:169 Resp: 146124
Ion Ratio Lower Upper
169 100
168 67.8 51.6 77.4
167 35.1 28.2 42.4

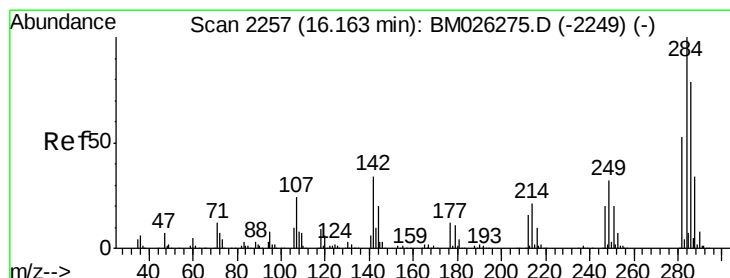
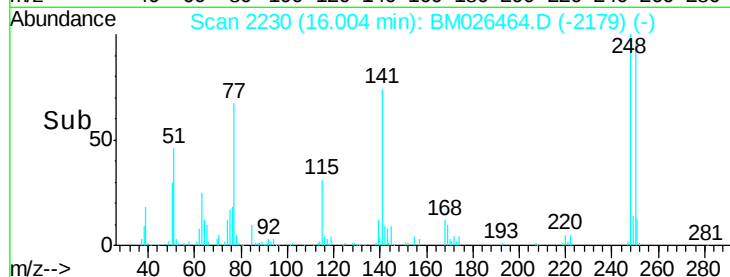
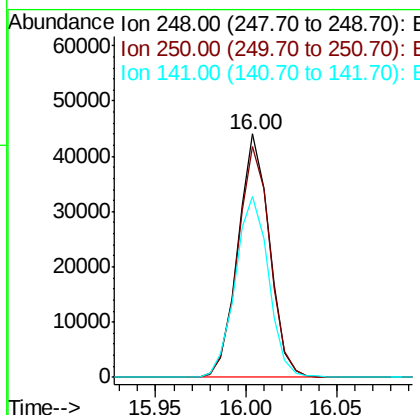
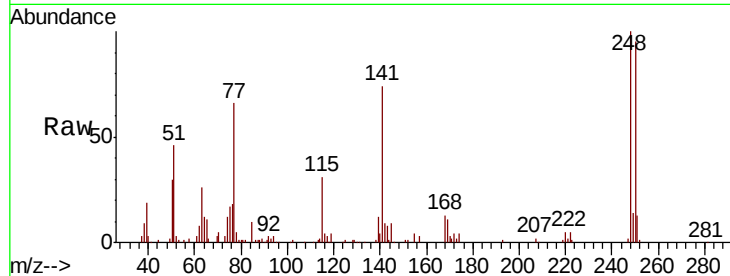




#67
 4-Bromophenyl-phenylether
 Concen: 7.117 ng
 RT: 16.00 min Scan# 2230
 Delta R.T. -0.00 min
 Lab File: BM026464.D
 Acq: 19 Jun 2020 11:07

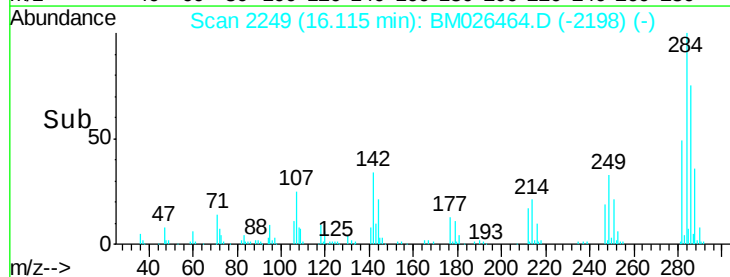
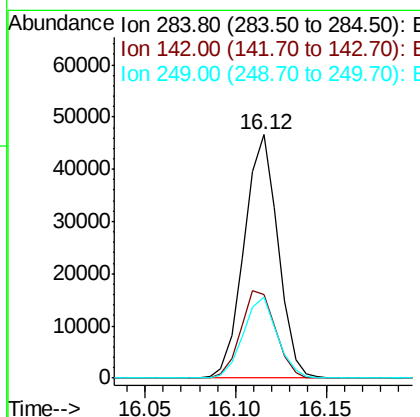
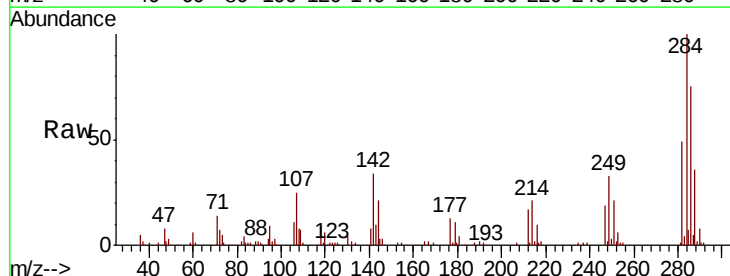
Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2020

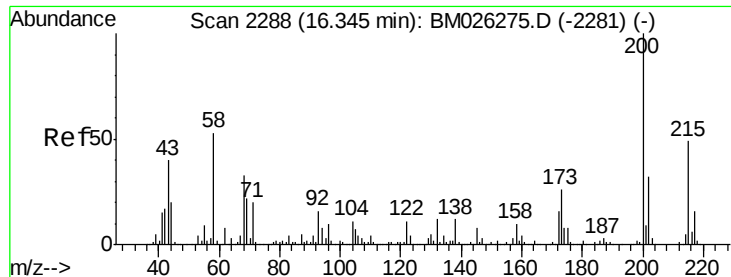
Tot Ion:248 Resp: 53125
 Ion Ratio Lower Upper
 248 100
 250 94.7 78.4 117.6
 141 74.3 60.6 91.0



#68
 Hexachlorobenzene
 Concen: 7.775 ng
 RT: 16.12 min Scan# 2249
 Delta R.T. -0.00 min
 Lab File: BM026464.D
 Acq: 19 Jun 2020 11:07

Tgt Ion:284 Resp: 60560
 Ion Ratio Lower Upper
 284 100
 142 34.1 29.1 43.7
 249 33.1 27.2 40.8





#69

Atrazine

Concen: 9.742 ng

RT: 16.30 min Scan# 2280

Delta R.T. -0.00 min

Lab File: BM026464.D

Acq: 19 Jun 2020 11:07

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2020

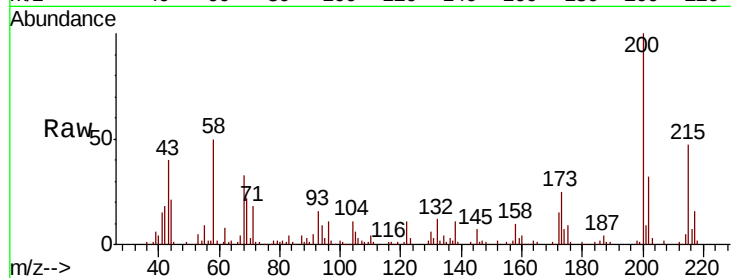
Tot Ion:200 Resp: 57170

Ion Ratio Lower Upper

200 100

173 24.7 6.6 46.6

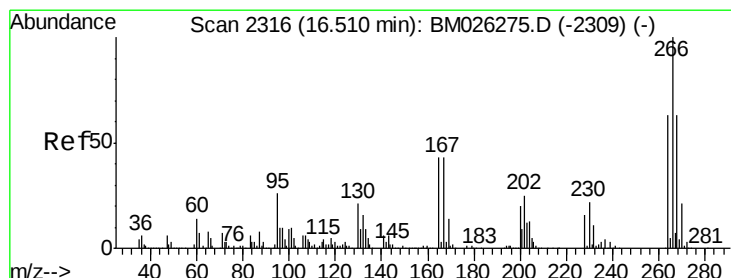
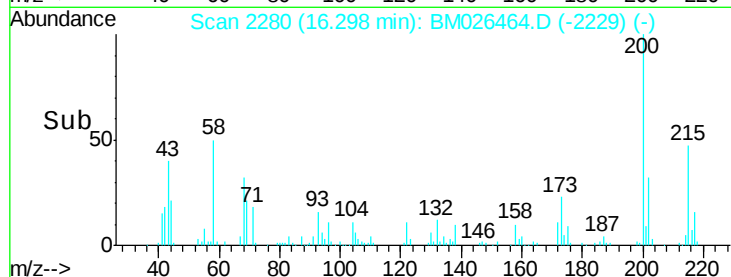
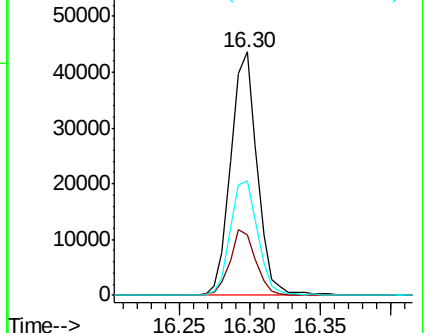
215 47.1 29.8 69.8



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 5.219 ng

RT: 16.47 min Scan# 2309

Delta R.T. 0.01 min

Lab File: BM026464.D

Acq: 19 Jun 2020 11:07

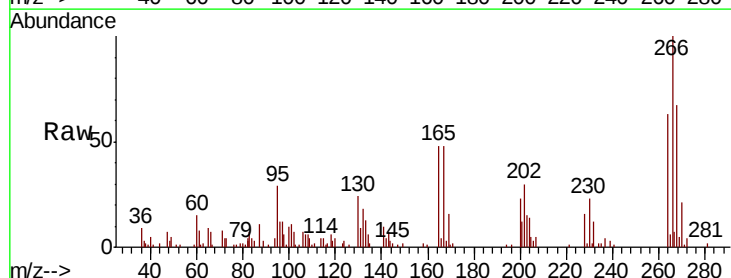
Tgt Ion:266 Resp: 24481

Ion Ratio Lower Upper

266 100

268 66.5 50.2 75.4

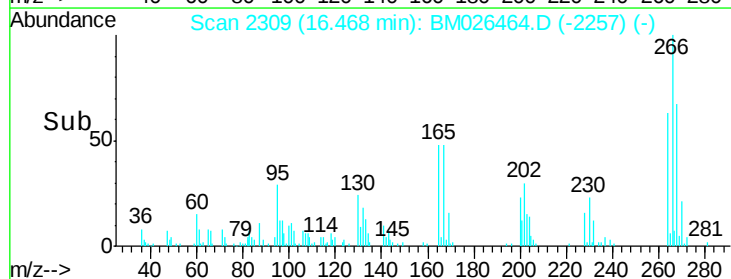
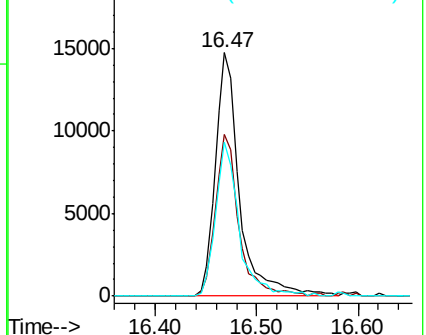
264 63.0 50.6 75.8

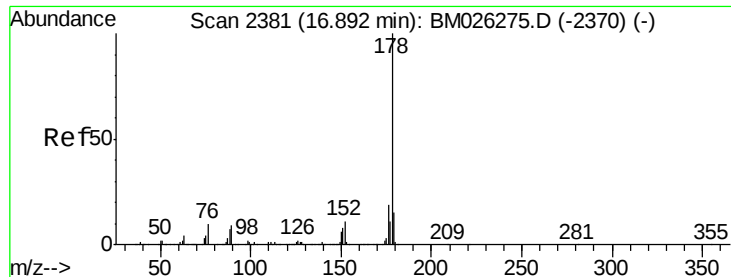


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

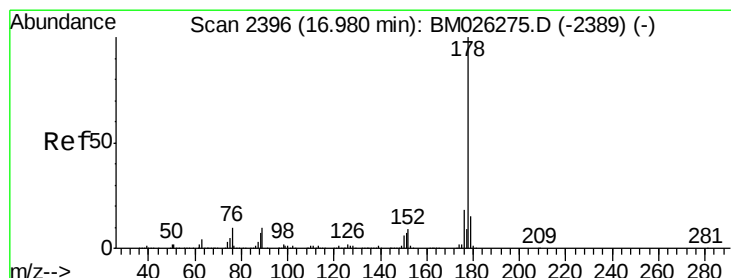
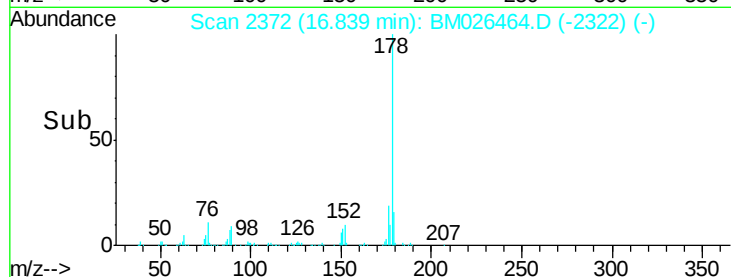
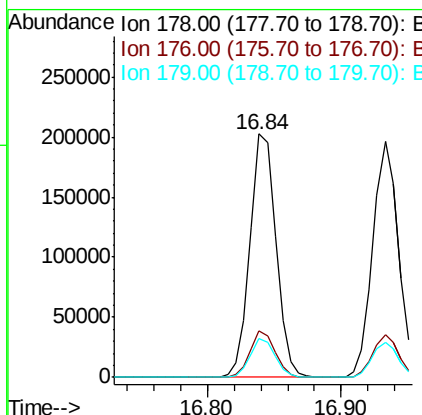
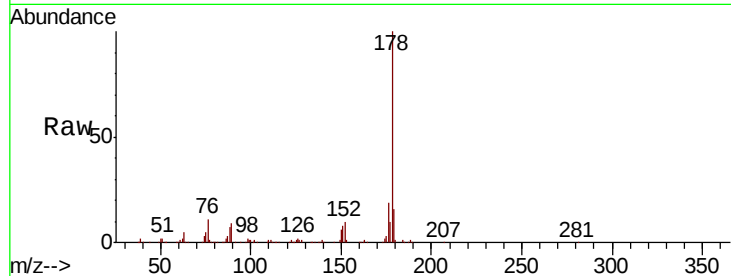




#71
Phenanthrene
Concen: 7.686 ng
RT: 16.84 min Scan# 2372
Delta R.T. -0.01 min
Lab File: BM026464.D
Acq: 19 Jun 2020 11:07

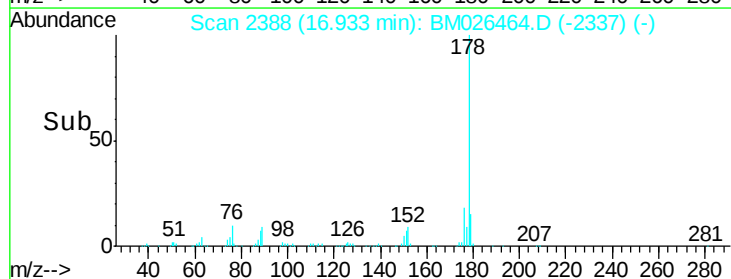
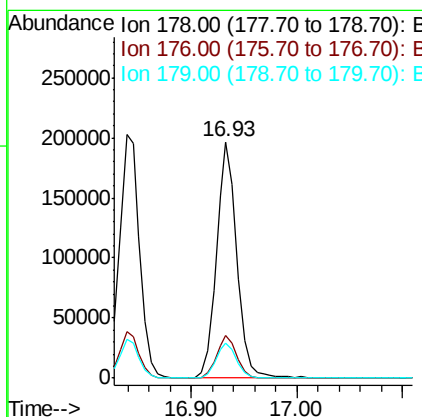
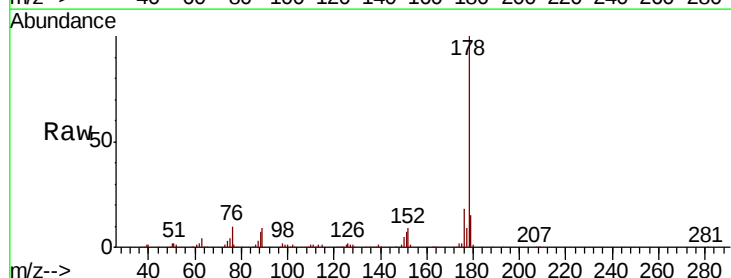
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2020

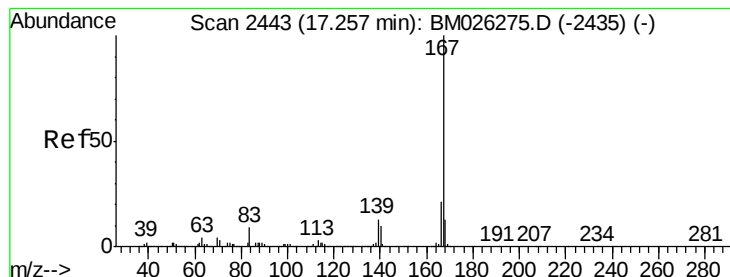
Tot Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.1	22.7
179	15.8	12.3	18.5



#72
Anthracene
Concen: 7.486 ng
RT: 16.93 min Scan# 2388
Delta R.T. -0.00 min
Lab File: BM026464.D
Acq: 19 Jun 2020 11:07

Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.9	14.5	21.7
179	14.9	12.3	18.5





#73

Carbazole

Concen: 6.832 ng

RT: 17.22 min Scan# 2436

Delta R.T. -0.00 min

Lab File: BM026464.D

Acq: 19 Jun 2020 11:07

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2020

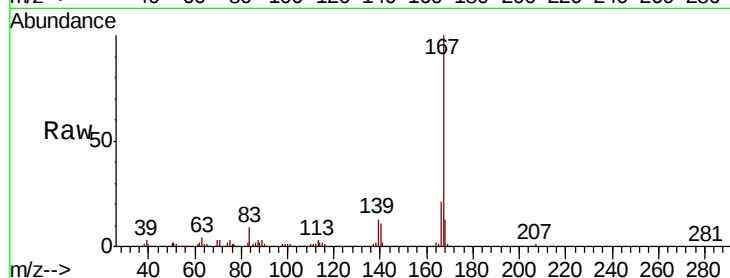
Tot Ion:167 Resp: 228325

Ion Ratio Lower Upper

167 100

166 20.6 16.9 25.3

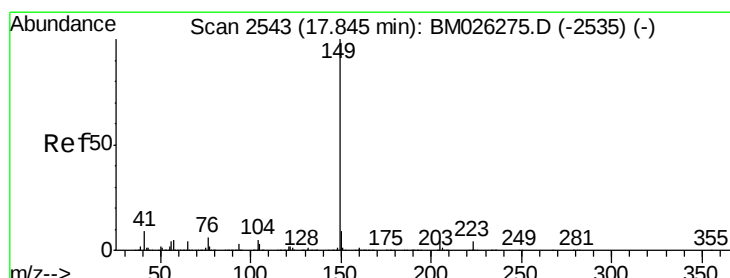
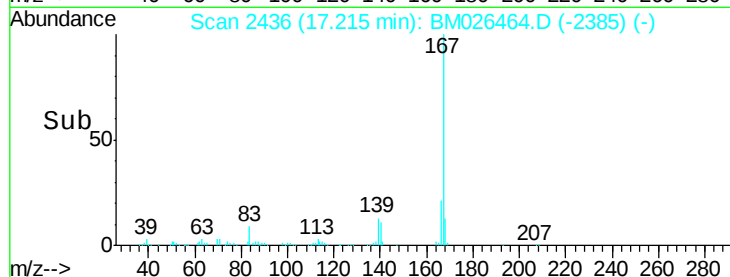
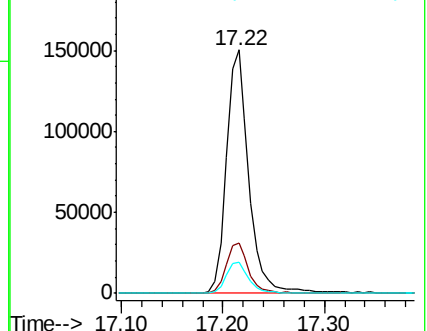
139 13.0 10.2 15.4



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 7.193 ng

RT: 17.80 min Scan# 2535

Delta R.T. -0.00 min

Lab File: BM026464.D

Acq: 19 Jun 2020 11:07

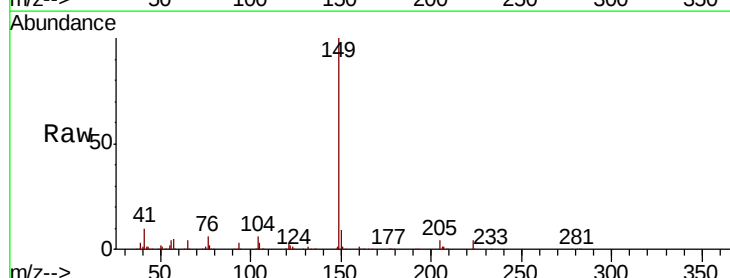
Tgt Ion:149 Resp: 283490

Ion Ratio Lower Upper

149 100

150 8.7 7.1 10.7

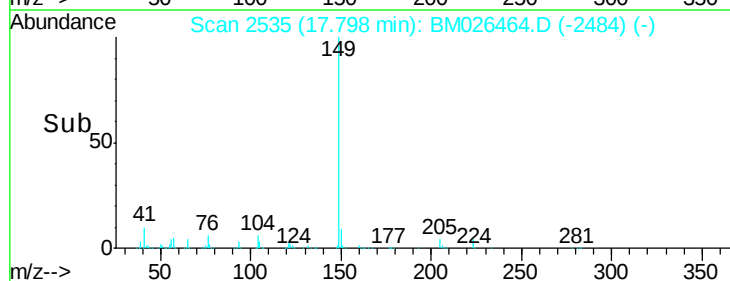
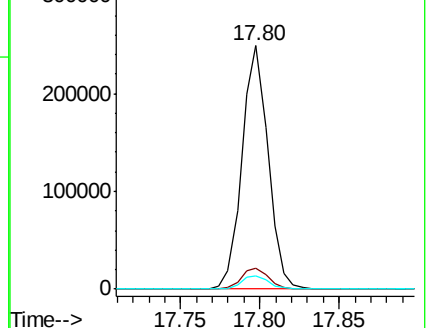
104 5.7 4.2 6.2

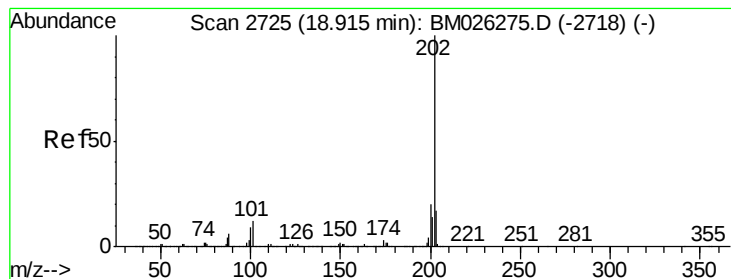


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 7.678 ng

RT: 18.87 min Scan# 2717

Delta R.T. -0.01 min

Lab File: BM026464.D

Acq: 19 Jun 2020 11:07

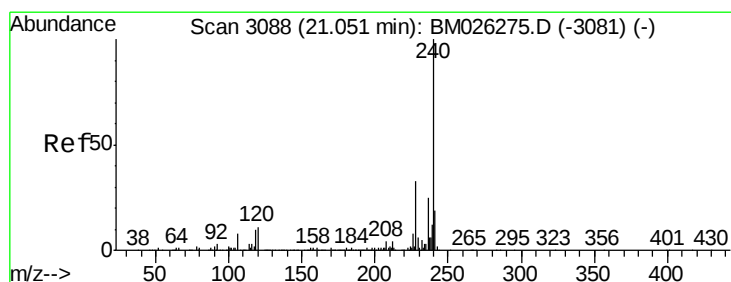
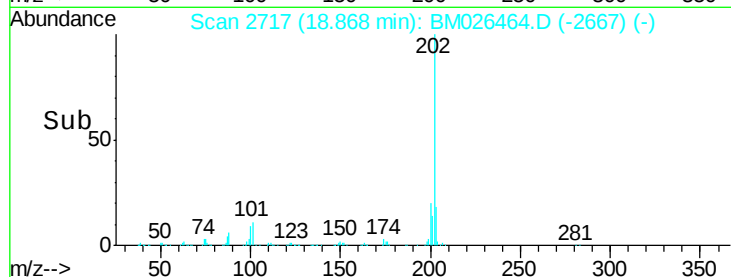
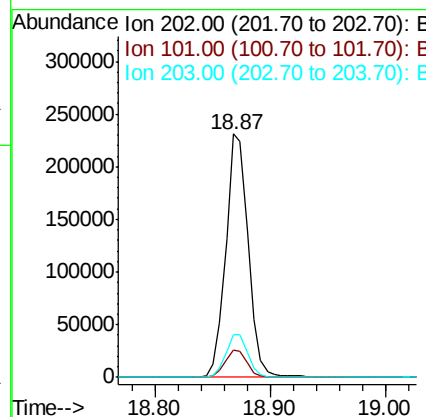
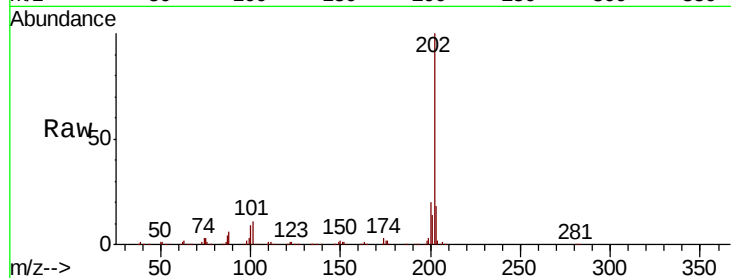
Instrument :

BNA_M

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2020

Tot Ion:	202	Resp:	310804
Ion	Ratio	Lower	Upper
202	100		
101	11.1	0.0	31.9
203	17.7	0.0	37.5



#76

Chrysene-d12

Concen: 20.000 ng

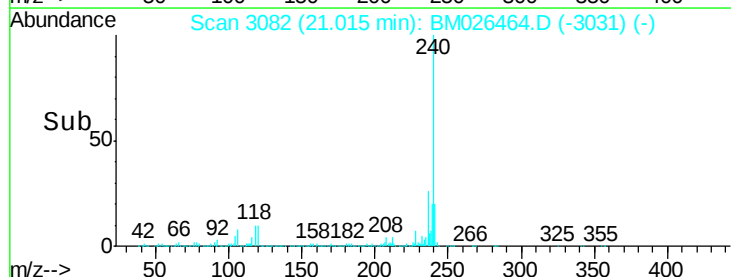
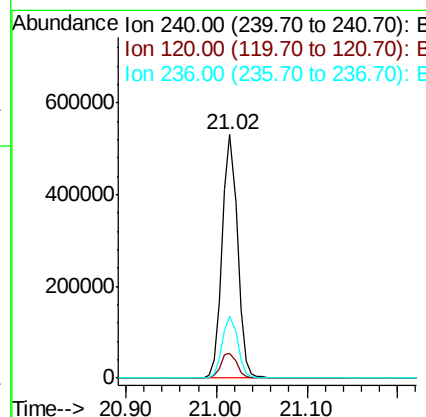
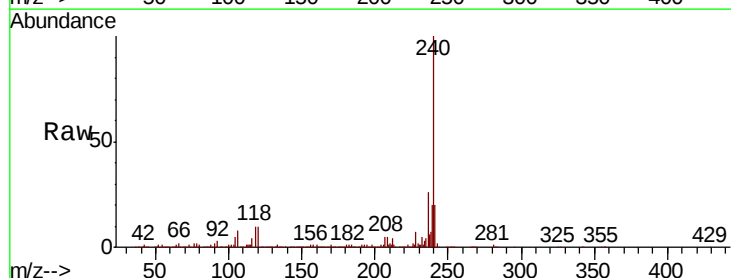
RT: 21.02 min Scan# 3082

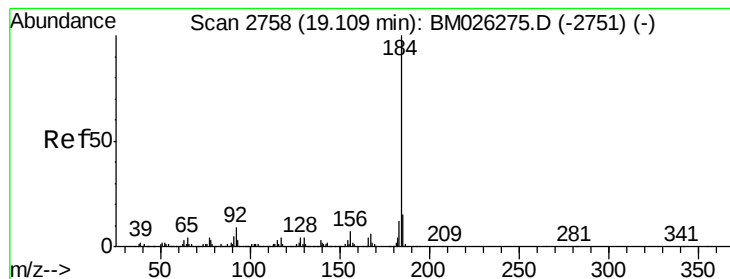
Delta R.T. -0.00 min

Lab File: BM026464.D

Acq: 19 Jun 2020 11:07

Tgt Ion:	240	Resp:	619212
Ion	Ratio	Lower	Upper
240	100		
120	10.1	9.3	13.9
236	25.7	19.4	29.0





#77

Benzidine

Concen: 8.049 ng

RT: 19.07 min Scan# 2752

Delta R.T. -0.00 min

Lab File: BM026464.D

Acq: 19 Jun 2020 11:07

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2020

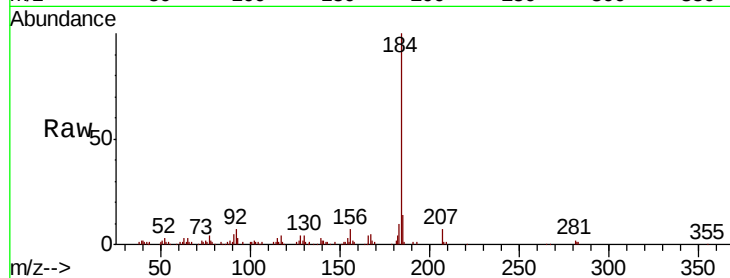
Tot Ion:184 Resp: 103521

Ion Ratio Lower Upper

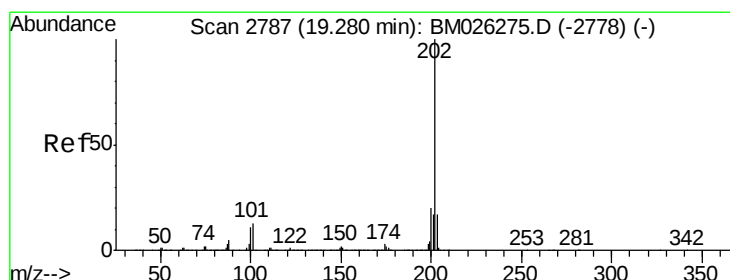
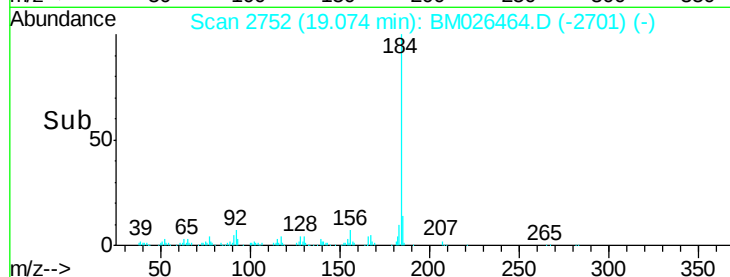
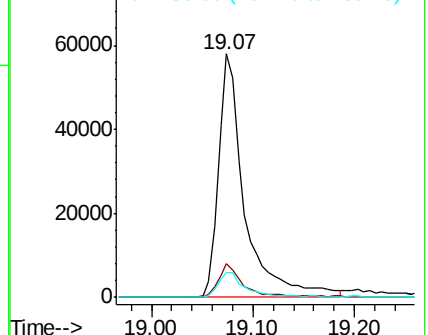
184 100

185 13.7 11.2 16.8

183 10.3 9.4 14.2



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 7.959 ng

RT: 19.24 min Scan# 2780

Delta R.T. -0.00 min

Lab File: BM026464.D

Acq: 19 Jun 2020 11:07

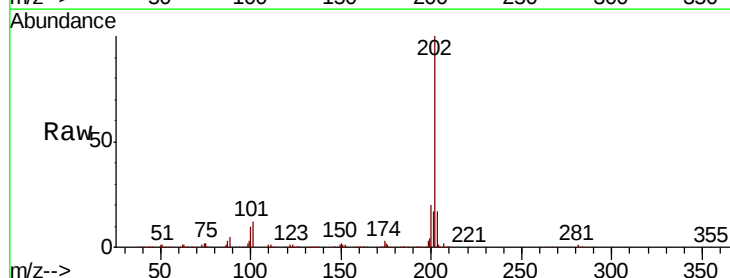
Tgt Ion:202 Resp: 325635

Ion Ratio Lower Upper

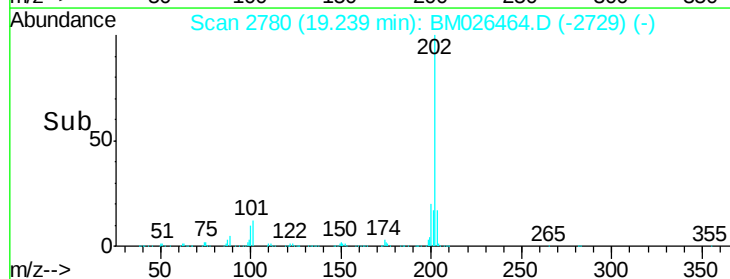
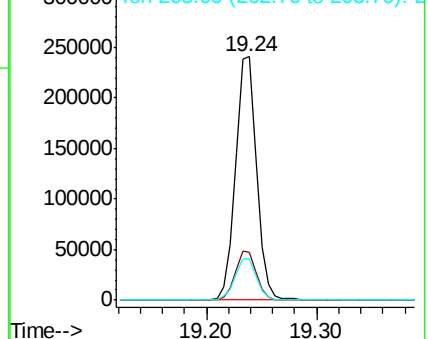
202 100

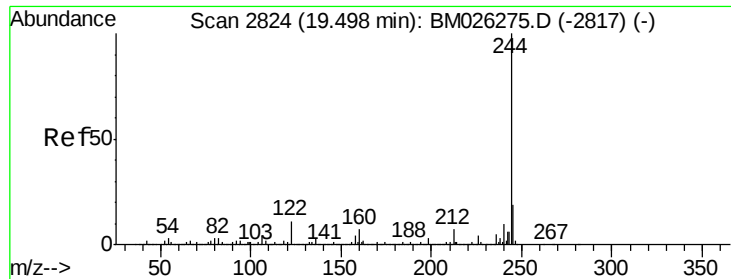
200 19.6 16.3 24.5

203 16.9 13.8 20.6



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 121.008 ng

RT: 19.46 min Scan# 2818

Delta R.T. -0.00 min

Lab File: BM026464.D

Acq: 19 Jun 2020 11:07

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2020

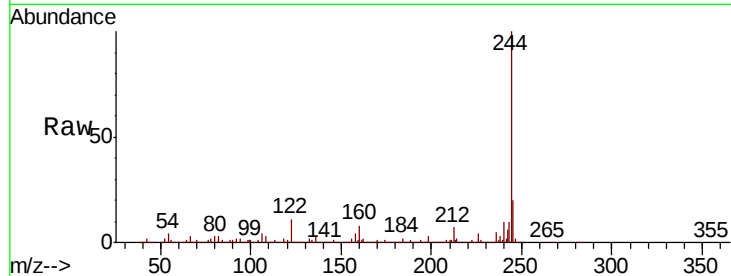
Tot Ion:244 Resp: 3860014

Ion Ratio Lower Upper

244 100

212 7.5 5.9 8.9

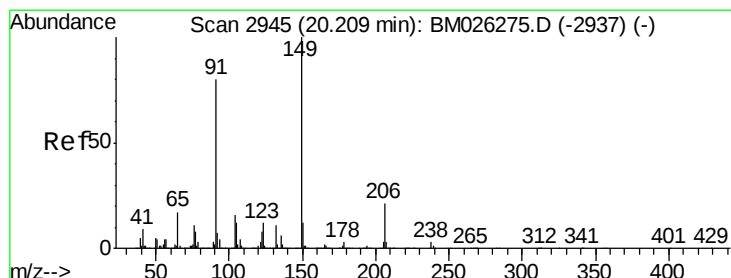
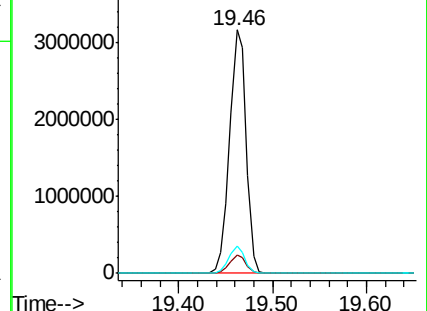
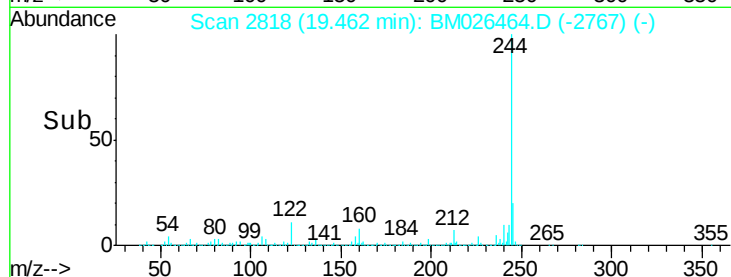
122 11.1 8.6 13.0



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 7.209 ng

RT: 20.17 min Scan# 2939

Delta R.T. -0.00 min

Lab File: BM026464.D

Acq: 19 Jun 2020 11:07

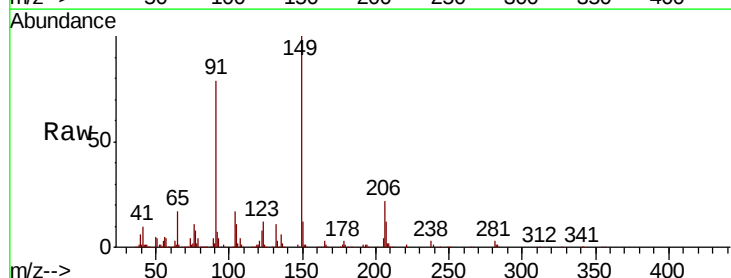
Tgt Ion:149 Resp: 119279

Ion Ratio Lower Upper

149 100

91 79.0 64.6 97.0

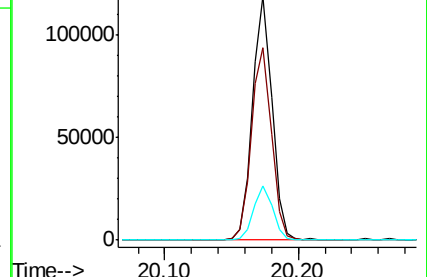
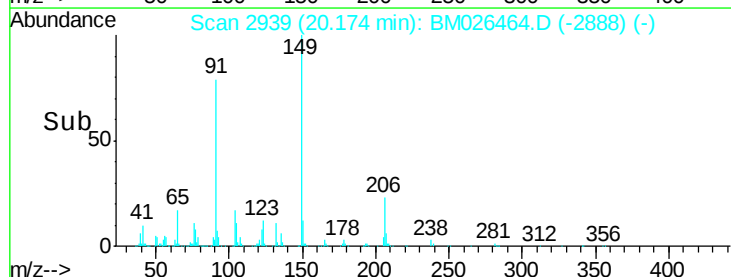
206 22.5 17.6 26.4

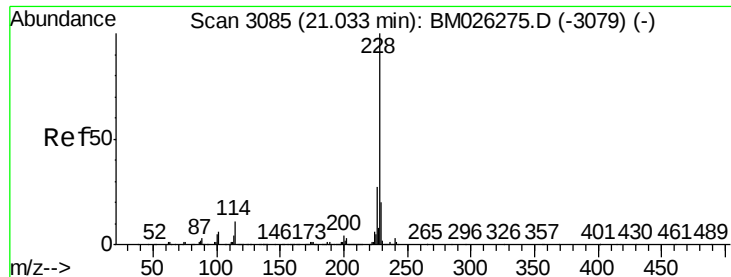


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 8.107 ng

RT: 21.00 min Scan# 3079

Delta R.T. -0.01 min

Lab File: BM026464.D

Acq: 19 Jun 2020 11:07

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2020

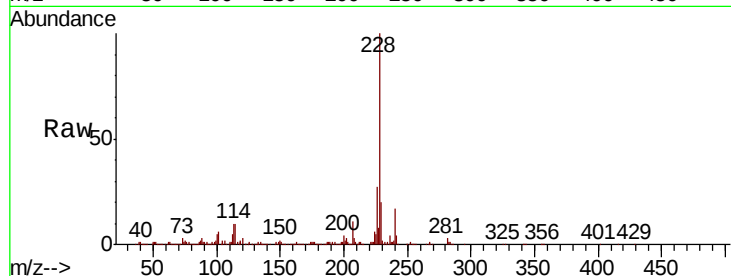
Tot Ion:228 Resp: 301334

Ion Ratio Lower Upper

228 100

226 26.9 21.1 31.7

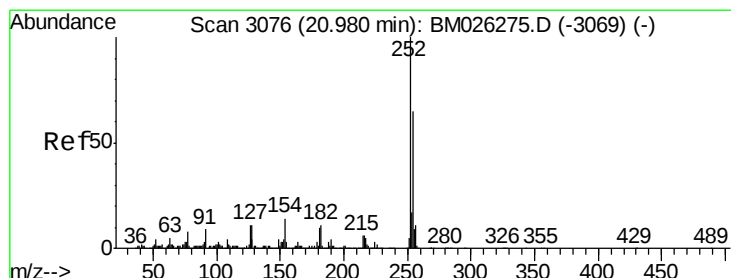
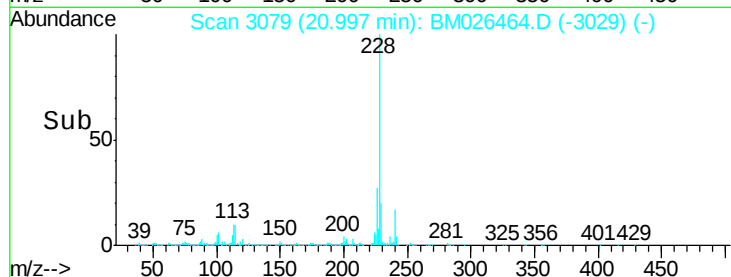
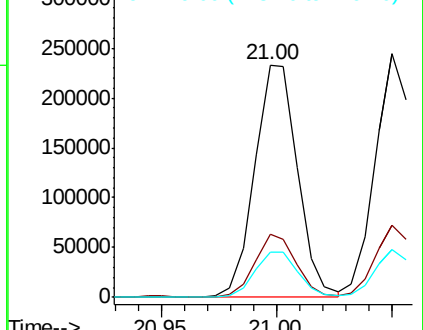
229 19.6 15.7 23.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 9.109 ng

RT: 20.94 min Scan# 3070

Delta R.T. -0.00 min

Lab File: BM026464.D

Acq: 19 Jun 2020 11:07

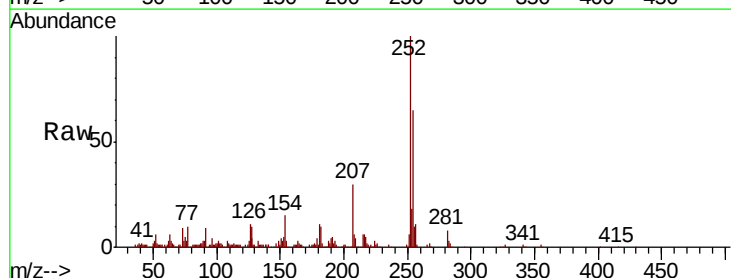
Tgt Ion:252 Resp: 104751

Ion Ratio Lower Upper

252 100

254 64.9 51.0 76.6

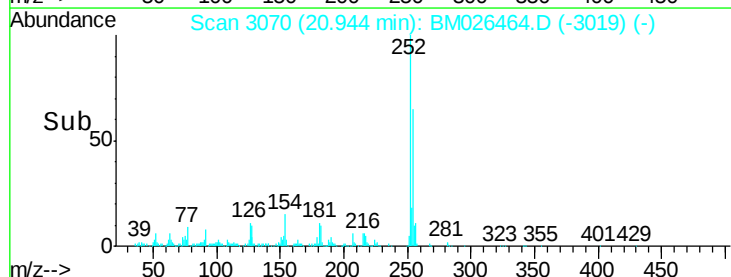
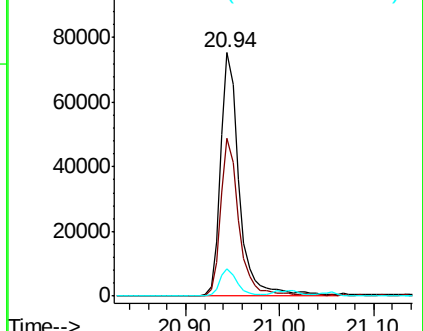
126 11.2 9.2 13.8

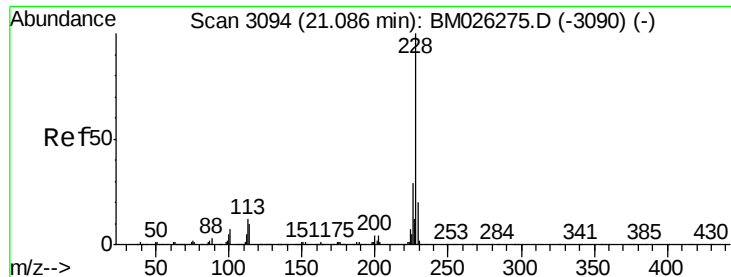


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

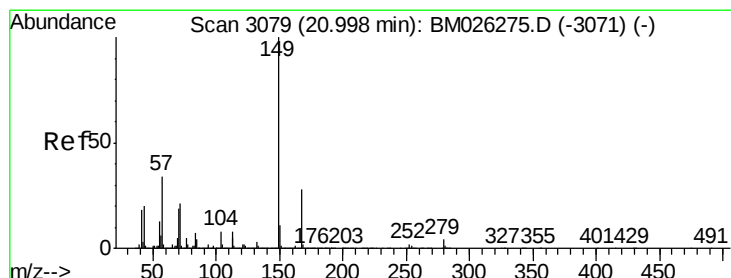
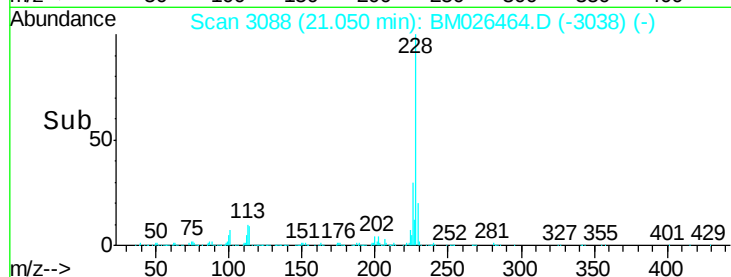
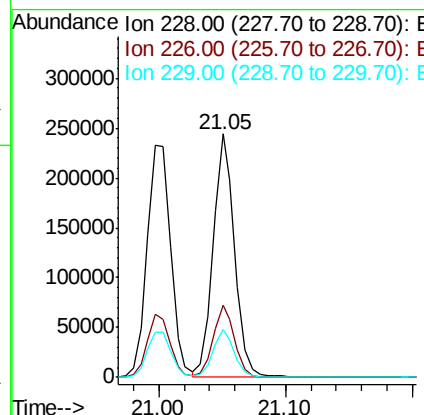
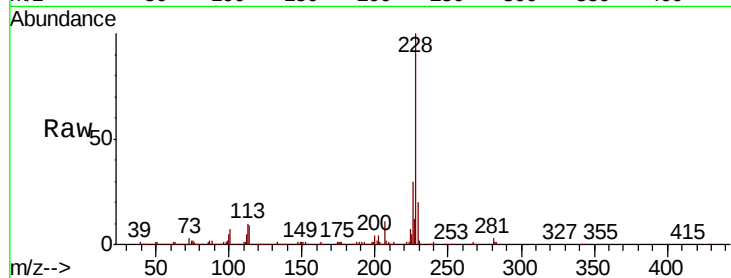




#83
 Chrysene
 Concen: 8.147 ng
 RT: 21.05 min Scan# 3088
 Delta R.T. -0.01 min
 Lab File: BM026464.D
 Acq: 19 Jun 2020 11:07

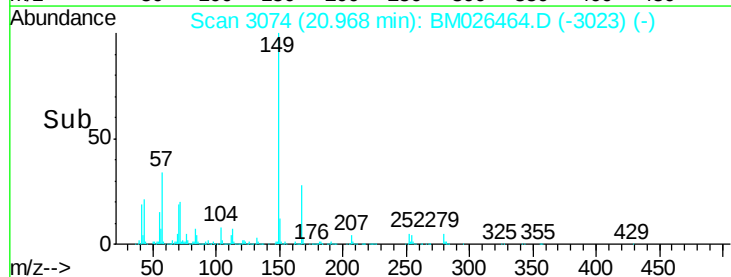
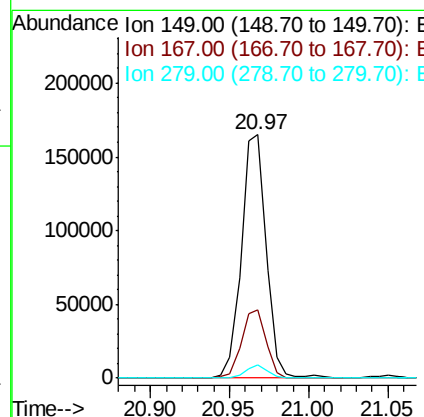
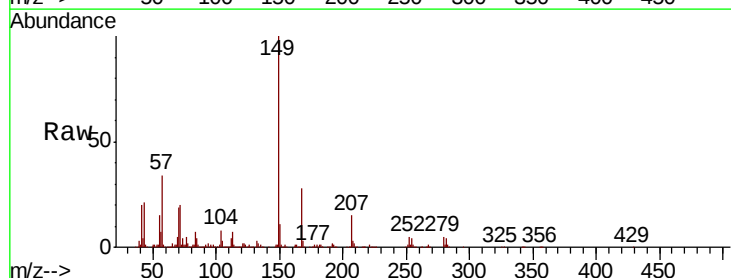
Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2020

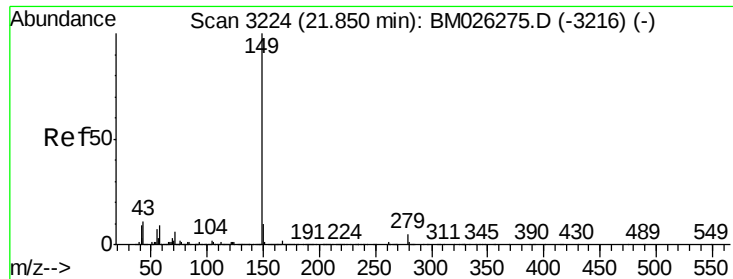
Tot Ion	Ratio	Lower	Upper
228	100		
226	29.6	23.8	35.6
229	19.6	15.5	23.3



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 7.485 ng
 RT: 20.97 min Scan# 3074
 Delta R.T. -0.00 min
 Lab File: BM026464.D
 Acq: 19 Jun 2020 11:07

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.8	22.0	33.0
279	5.4	3.7	5.5





#85

Di-n-octyl phthalate

Concen: 7.347 ng

RT: 21.81 min Scan# 3217

Delta R.T. -0.00 min

Lab File: BM026464.D

Acq: 19 Jun 2020 11:07

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2020

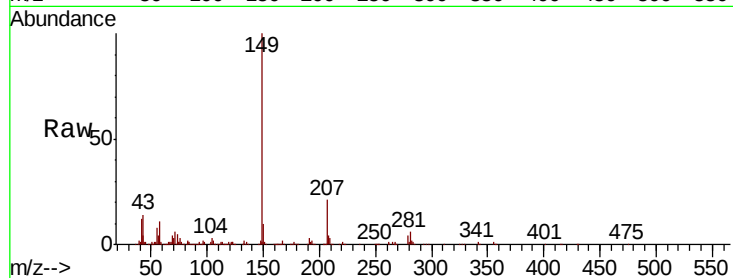
Tot Ion:149 Resp: 267392

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

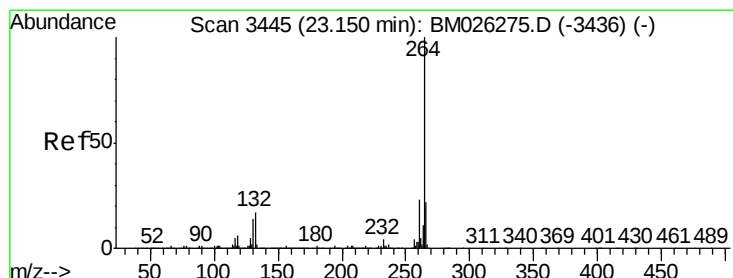
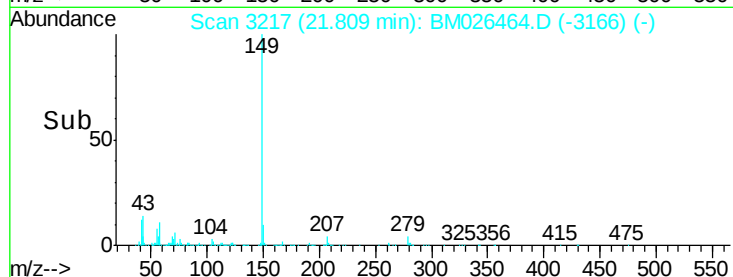
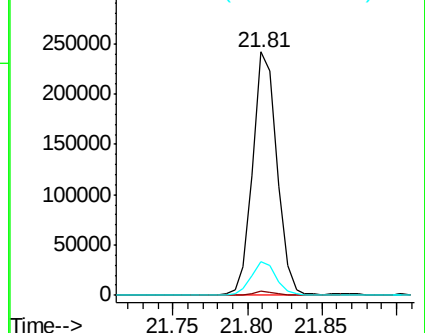
43 14.1 10.3 15.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.11 min Scan# 3438

Delta R.T. 0.01 min

Lab File: BM026464.D

Acq: 19 Jun 2020 11:07

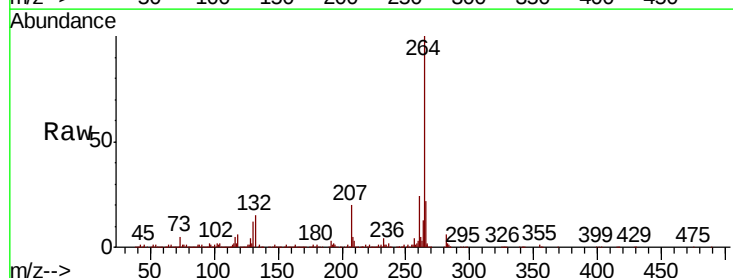
Tgt Ion:264 Resp: 549531

Ion Ratio Lower Upper

264 100

260 23.6 18.6 28.0

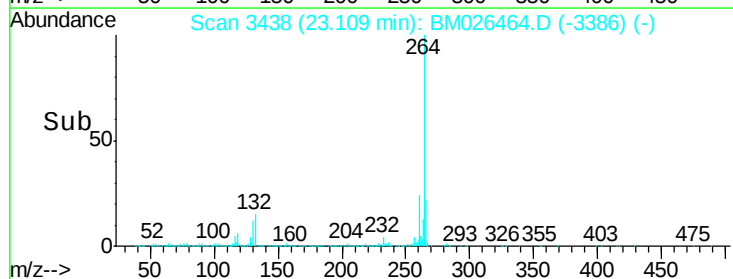
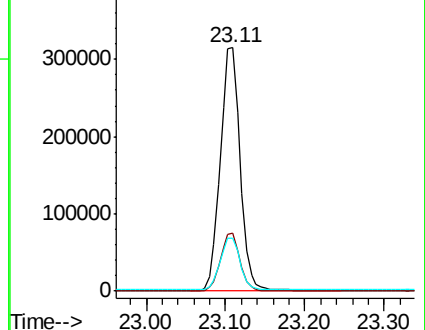
265 21.9 17.8 26.6

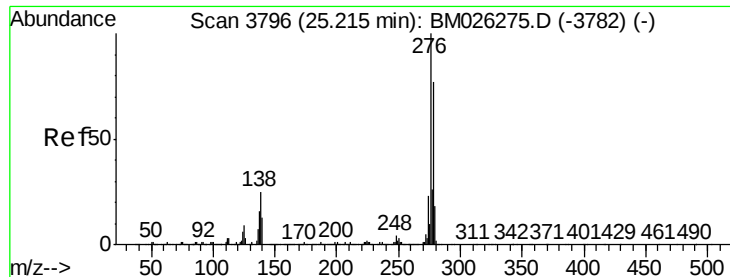


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

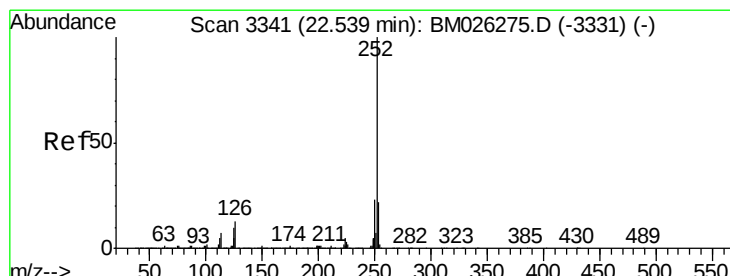
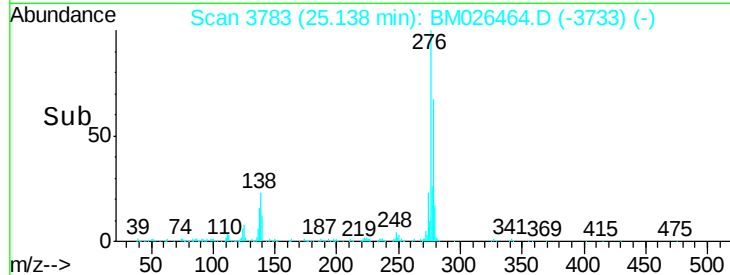
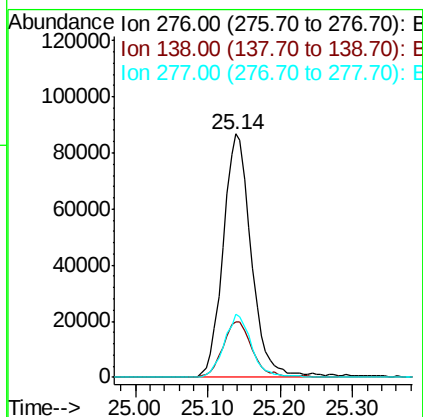
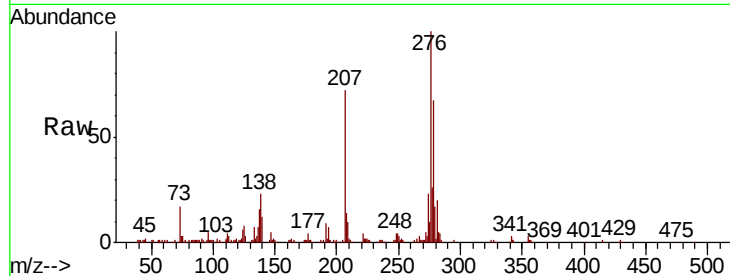




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 7.384 ng
 RT: 25.14 min Scan# 3783
 Delta R.T. -0.01 min
 Lab File: BM026464.D
 Acq: 19 Jun 2020 11:07

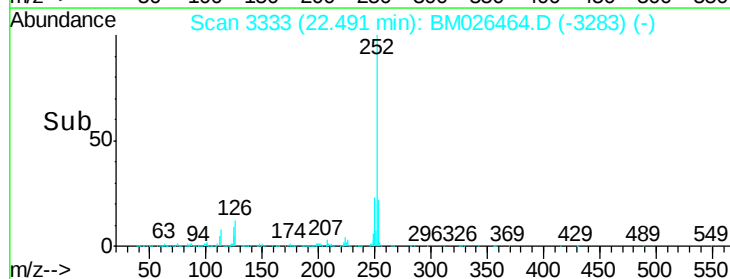
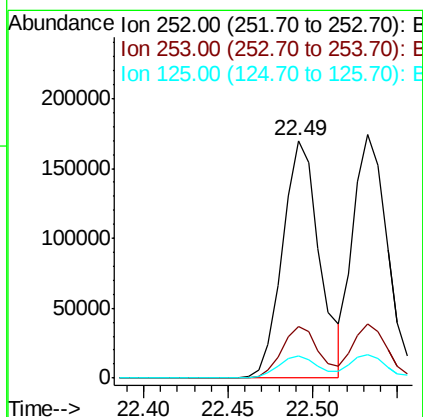
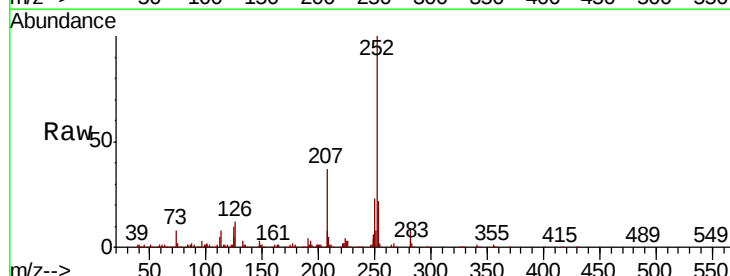
Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2020

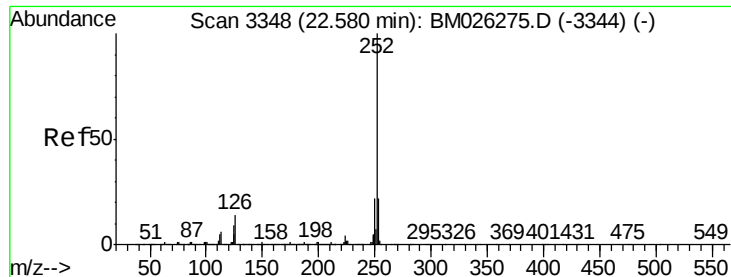
Tot Ion	Ratio	Lower	Upper
276	100		
138	24.1	19.0	28.6
277	25.0	20.2	30.4



#88
 Benzo(b)fluoranthene
 Concen: 7.779 ng
 RT: 22.49 min Scan# 3333
 Delta R.T. -0.01 min
 Lab File: BM026464.D
 Acq: 19 Jun 2020 11:07

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.6	26.4
125	9.5	8.0	12.0

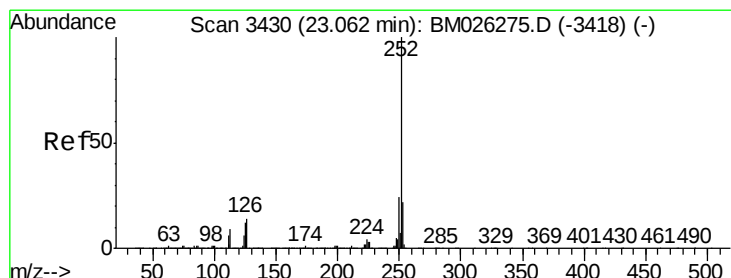
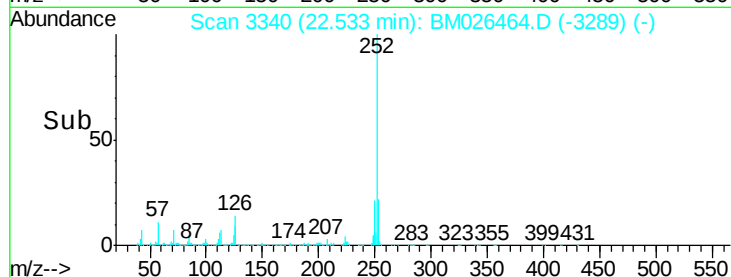
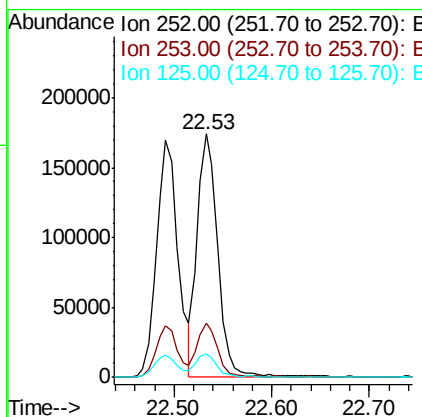
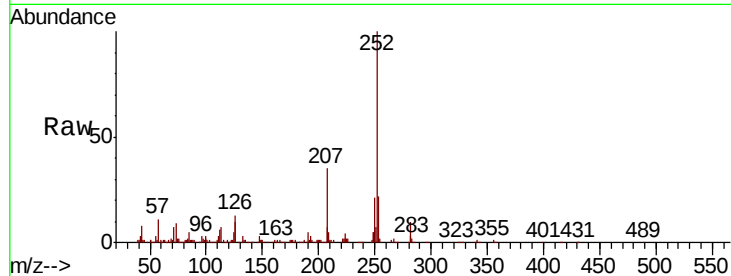




#89
Benzo(k)fluoranthene
Concen: 7.801 ng
RT: 22.53 min Scan# 3340
Delta R.T. -0.00 min
Lab File: BM026464.D
Acq: 19 Jun 2020 11:07

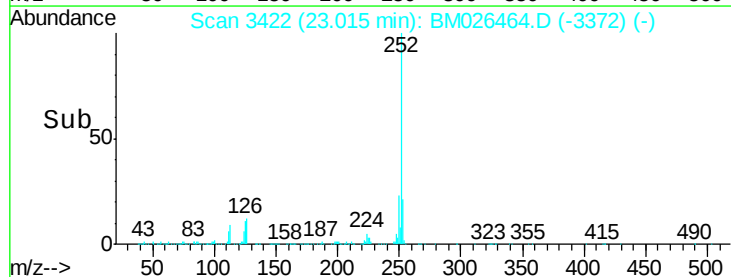
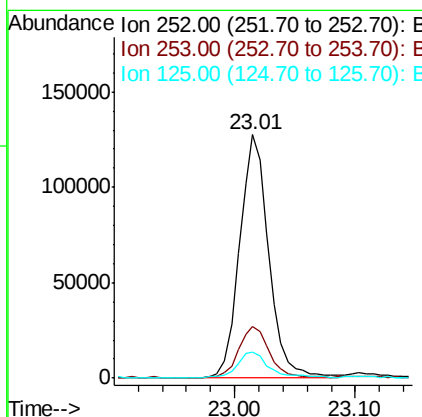
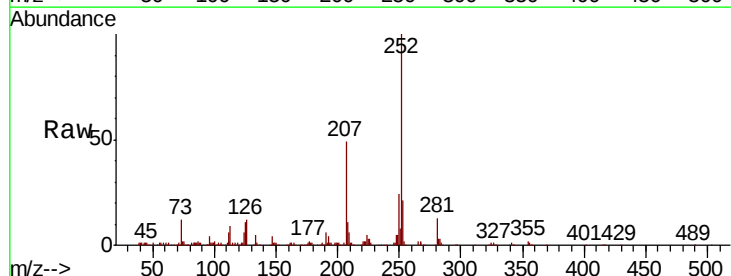
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2020

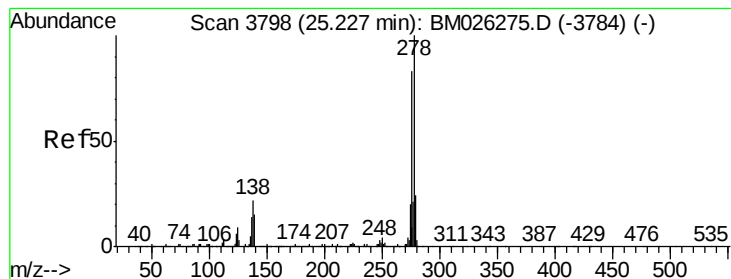
Tot Ion:	252	Resp:	250523
Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.2	25.8
125	9.7	7.8	11.8



#90
Benzo(a)pyrene
Concen: 7.276 ng
RT: 23.01 min Scan# 3422
Delta R.T. -0.01 min
Lab File: BM026464.D
Acq: 19 Jun 2020 11:07

Tgt Ion:	252	Resp:	213628
Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.3	25.9
125	10.8	8.6	12.8





#91

Dibenzo(a,h)anthracene

Concen: 7.308 ng

RT: 25.15 min Scan# 3785

Delta R.T. -0.01 min

Lab File: BM026464.D

Acq: 19 Jun 2020 11:07

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2020

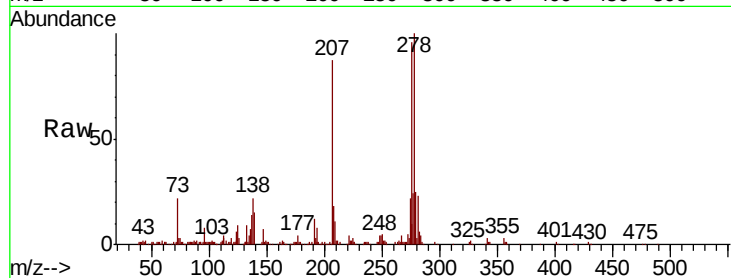
Tot Ion:278 Resp: 193951

Ion Ratio Lower Upper

278 100

139 15.3 12.3 18.5

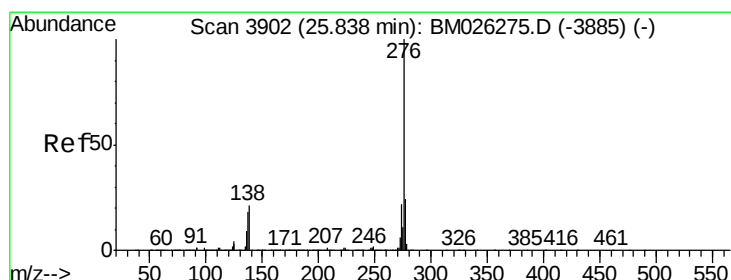
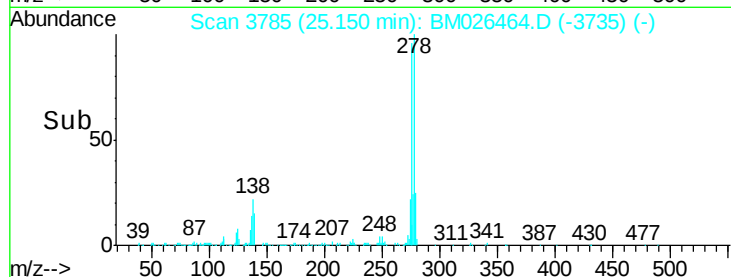
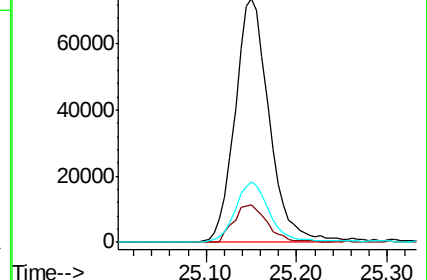
279 25.1 18.9 28.3



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 7.684 ng

RT: 25.76 min Scan# 3888

Delta R.T. -0.00 min

Lab File: BM026464.D

Acq: 19 Jun 2020 11:07

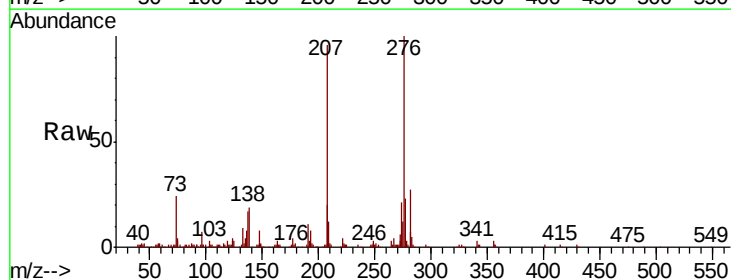
Tgt Ion:276 Resp: 194061

Ion Ratio Lower Upper

276 100

277 22.9 19.0 28.4

138 19.2 16.2 24.4



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

