

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM070920\
 Data File : BM026702.D
 Acq On : 08 Jul 2020 11:54
 Operator : JU/CG
 Sample : L3216-01
 Misc : LOD-MDL-SOIL-8PPM
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2020

Quant Time: Jul 08 12:36:12 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM070820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 08 12:03:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.33	152	57043	20.00	ng	0.00
21) Naphthalene-d8	10.08	136	265309	20.00	ng	0.00
39) Acenaphthene-d10	13.99	164	188631	20.00	ng	0.00
64) Phenanthrene-d10	16.74	188	438190	20.00	ng	0.00
76) Chrysene-d12	20.97	240	542512	20.00	ng	0.00
86) Perylene-d12	23.03	264	572731	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	4.96	112	323216	94.97	ng	0.00
7) Phenol-d6	6.53	99	501143	92.42	ng	0.00
23) Nitrobenzene-d5	8.47	82	459014	73.81	ng	0.00
42) 2,4,6-Tribromophenol	15.50	330	271613	98.85	ng	0.00
45) 2-Fluorobiphenyl	12.59	172	1044904	73.65	ng	0.00
79) Terphenyl-d14	19.41	244	1582461	57.41	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.95	88	13150	8.042	ng	97
3) Pyridine	3.36	79	22244	4.756	ng	# 88
4) n-Nitrosodimethylamine	3.28	42	17737	6.336	ng	88
6) Aniline	6.68	93	46249	6.949	ng	94
8) 2-Chlorophenol	6.90	128	27370	6.751	ng	94
9) Benzaldehyde	6.49	77	30203	10.036	ng	96
10) Phenol	6.56	94	36601	6.830	ng	99
11) bis(2-Chloroethyl)ether	6.78	93	29403	6.562	ng	90
12) 1,3-Dichlorobenzene	7.22	146	29666	6.732	ng	95
13) 1,4-Dichlorobenzene	7.36	146	30912	6.892	ng	94
14) 1,2-Dichlorobenzene	7.67	146	30255	6.771	ng	98
15) Benzyl Alcohol	7.59	79	27247	5.873	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.86	45	63012	6.813	ng	99
17) 2-Methylphenol	7.79	107	24065	5.909	ng	95
18) Hexachloroethane	8.37	117	11840	6.646	ng	92
19) n-Nitroso-di-n-propylamine	8.14	70	29631	6.568	ng	96
20) 3+4-Methylphenols	8.12	107	31580	5.640	ng	96
22) Acetophenone	8.15	105	50405	6.686	ng	# 93
24) Nitrobenzene	8.52	77	44442	6.793	ng	97
25) Isophorone	9.04	82	74504	6.248	ng	98
26) 2-Nitrophenol	9.22	139	13014	5.390	ng	# 89
27) 2,4-Dimethylphenol	9.30	122	27155	6.916	ng	95
28) bis(2-Chloroethoxy)methane	9.53	93	43764	6.643	ng	97
29) 2,4-Dichlorophenol	9.76	162	25758	5.957	ng	96
30) 1,2,4-Trichlorobenzene	9.95	180	31378	6.505	ng	96
31) Naphthalene	10.13	128	99283	6.728	ng	99
32) Benzoic acid	9.41	122	5267	1.768	ng	92
33) 4-Chloroaniline	10.27	127	38816	6.013	ng	97
34) Hexachlorobutadiene	10.42	225	20024	6.268	ng	98
35) Caprolactam	11.05	113	8570	5.595	ng	91
36) 4-Chloro-3-methylphenol	11.40	107	33200	6.075	ng	99
37) 2-Methylnaphthalene	11.76	142	72692	6.650	ng	96
38) 1-Methylnaphthalene	11.76	142	72692	6.941	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.15	216	41013	6.726	ng	99

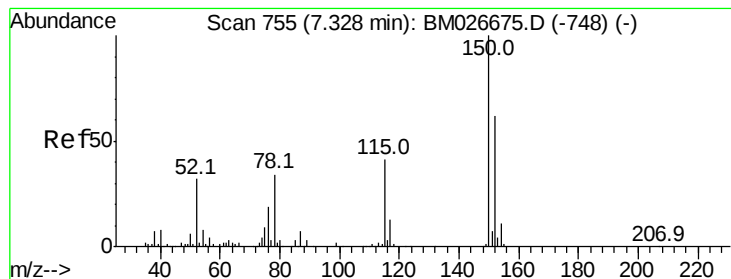
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM070920\
 Data File : BM026702.D
 Acq On : 08 Jul 2020 11:54
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 QLast Update : Wed Jul 08 12:03:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.12	237	12405	4.263	ng	97
43) 2,4,6-Trichlorophenol	12.40	196	22363	5.598	ng	95
44) 2,4,5-Trichlorophenol	12.48	196	24918	5.309	ng	96
46) 1,1'-Biphenyl	12.80	154	102857	6.903	ng	99
47) 2-Chloronaphthalene	12.84	162	75649	6.285	ng	98
48) 2-Nitroaniline	13.07	65	26540	5.358	ng	94
49) Acenaphthylene	13.70	152	121610	6.320	ng	99
50) Dimethylphthalate	13.46	163	102561	6.357	ng	98
51) 2,6-Dinitrotoluene	13.58	165	20524	5.940	ng	86
52) Acenaphthene	14.05	154	73837	6.314	ng	94
53) 3-Nitroaniline	13.92	138	16994	4.728	ng	98
54) 2,4-Dinitrophenol	14.15	184	5410	2.675	ng	93
55) Dibenzofuran	14.39	168	124782	6.508	ng	98
56) 4-Nitrophenol	14.27	139	11592	4.110	ng	97
57) 2,4-Dinitrotoluene	14.39	165	27283	5.471	ng	# 88
58) Fluorene	15.05	166	98814	6.224	ng	95
59) 2,3,4,6-Tetrachlorophenol	14.63	232	25339	6.181	ng	99
60) Diethylphthalate	14.85	149	108720	6.373	ng	97
61) 4-Chlorophenyl-phenylether	15.05	204	53347	6.202	ng	95
62) 4-Nitroaniline	15.09	138	16334	4.354	ng	97
63) Azobenzene	15.35	77	116391	6.211	ng	94
65) 4,6-Dinitro-2-methylphenol	15.17	198	12649	4.246	ng	88
66) n-Nitrosodiphenylamine	15.27	169	87613	6.292	ng	98
67) 4-Bromophenyl-phenylether	15.95	248	31895	5.848	ng	92
68) Hexachlorobenzene	16.06	284	36818	6.414	ng	99
69) Atrazine	16.25	200	31847	7.606	ng	99
70) Pentachlorophenol	16.42	266	16514	5.085	ng	91
71) Phenanthrene	16.79	178	166775	6.447	ng	98
72) Anthracene	16.88	178	163826	6.362	ng	99
73) Carbazole	17.16	167	145028	5.907	ng	99
74) Di-n-butylphthalate	17.74	149	179272	5.807	ng	98
75) Fluoranthene	18.82	202	203934	6.401	ng	99
77) Benzidine	19.03	184	77475	7.244	ng	97
78) Pyrene	19.19	202	213957	6.261	ng	99
80) Butylbenzylphthalate	20.13	149	82241	5.363	ng	97
81) Benzo(a)anthracene	20.95	228	234118	6.424	ng	98
82) 3,3'-Dichlorobenzidine	20.90	252	75683	6.543	ng	# 97
83) Chrysene	21.00	228	225878	6.368	ng	98
84) Bis(2-ethylhexyl)phthalate	20.92	149	132311	5.385	ng	99
85) Di-n-octyl phthalate	21.76	149	225370	5.367	ng	96
87) Indeno(1,2,3-cd)pyrene	25.04	276	270573	6.636	ng	99
88) Benzo(b)fluoranthene	22.43	252	235135	6.231	ng	99
89) Benzo(k)fluoranthene	22.47	252	241856	6.534	ng	98
90) Benzo(a)pyrene	22.94	252	211524	6.038	ng	99
91) Dibenzo(a,h)anthracene	25.05	278	230932	6.709	ng	99
92) Benzo(g,h,i)perylene	25.64	276	225430	7.108	ng	100

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

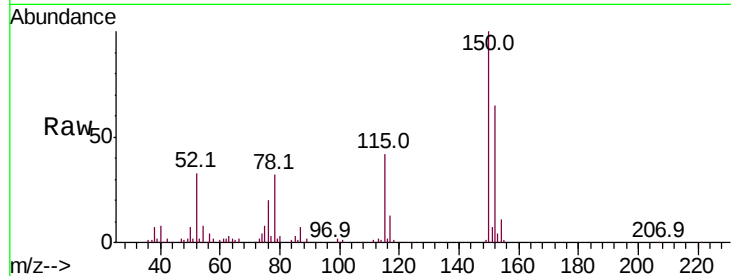


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.33 min Scan# 755
Delta R.T. 0.00 min
Lab File: BM026702.D
Acq: 08 Jul 2020 11:54

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2020

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.4	128.1	192.1
115	64.7	52.2	78.4

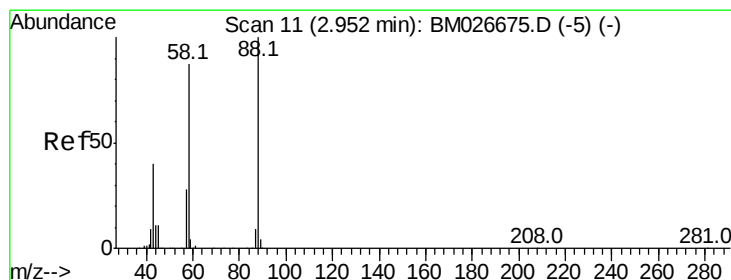
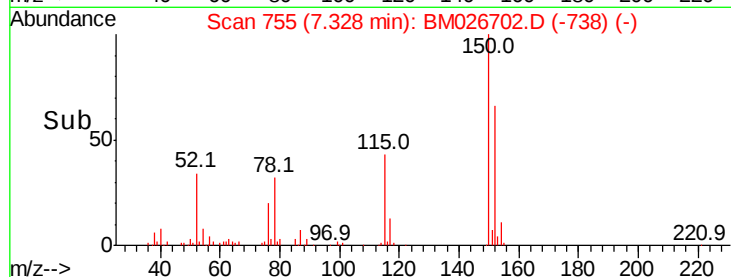
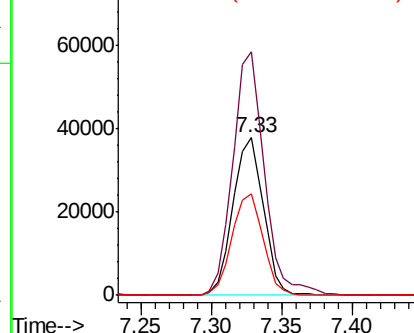


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

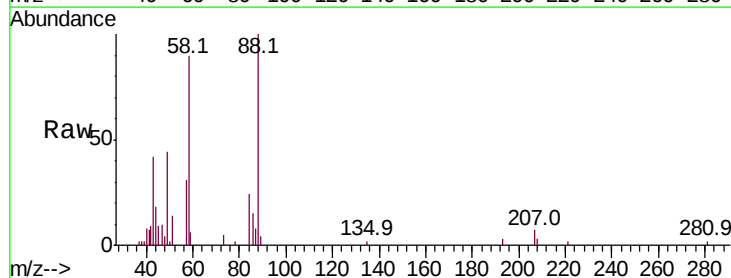
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 8.042 ng
RT: 2.95 min Scan# 11
Delta R.T. 0.01 min
Lab File: BM026702.D
Acq: 08 Jul 2020 11:54

Tgt Ion	Ratio	Lower	Upper
88	100		
58	93.0	73.2	109.8
43	47.6	34.3	51.5

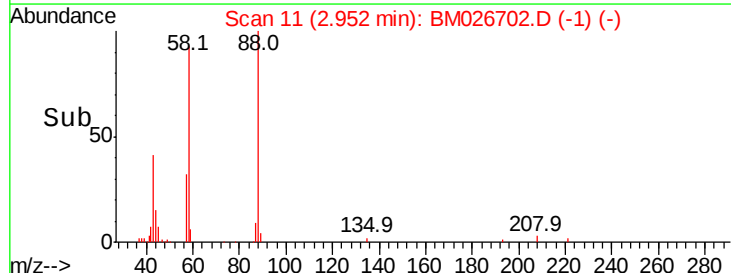
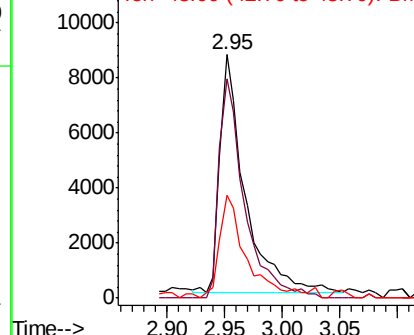


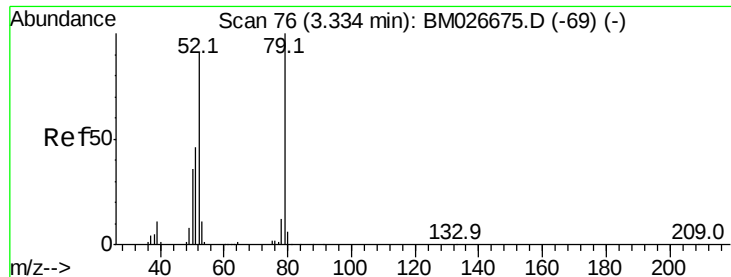
Abundance

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: 4.756 ng

RT: 3.36 min Scan# 81

Delta R.T. 0.03 min

Lab File: BM026702.D

Acq: 08 Jul 2020 11:54

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2020

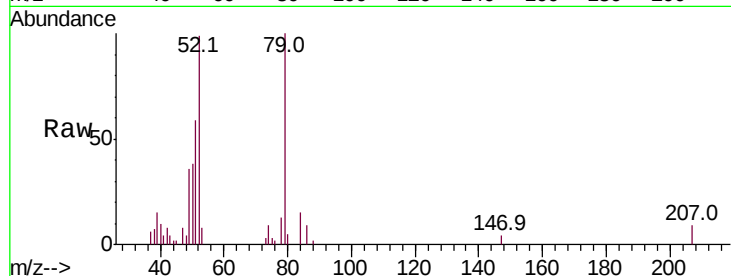
Tot Ion: 79 Resp: 22244

Ion Ratio Lower Upper

79 100

52 99.4 72.9 109.3

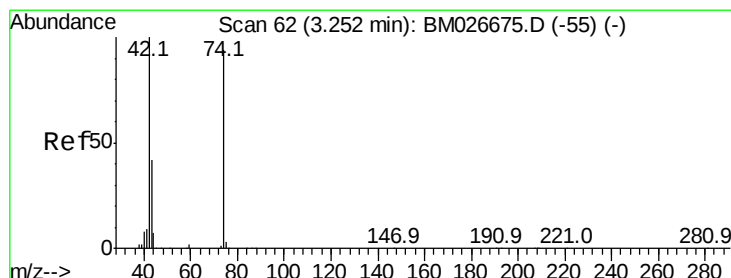
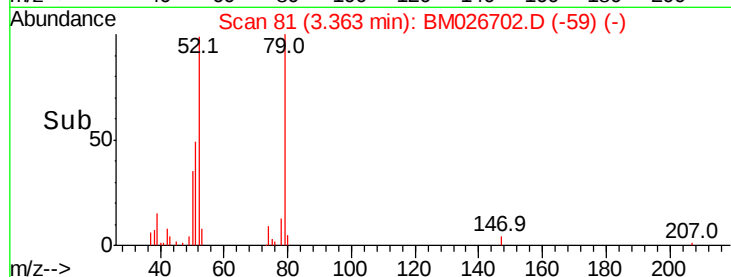
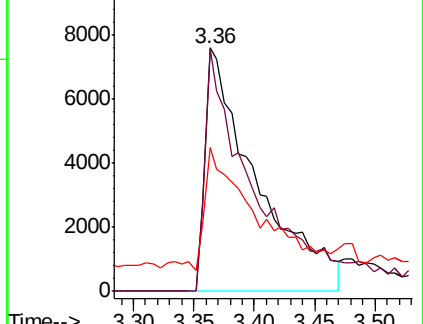
51 59.0 37.6 56.4#



Abundance Ion 79.00 (78.70 to 79.70): BM026675.D (-69) (-)

Ion 52.00 (51.70 to 52.70): BM026675.D (-69) (-)

Ion 51.00 (50.70 to 51.70): BM026675.D (-69) (-)



#4

n-Nitrosodimethylamine

Concen: 6.336 ng

RT: 3.28 min Scan# 66

Delta R.T. 0.02 min

Lab File: BM026702.D

Acq: 08 Jul 2020 11:54

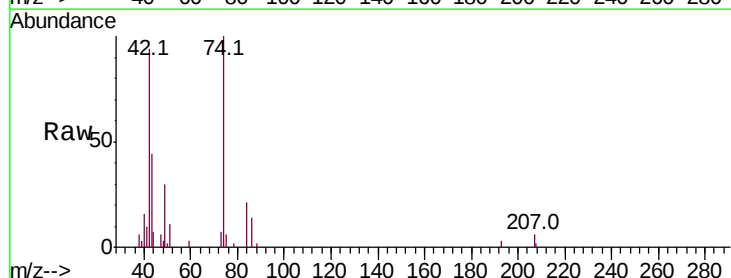
Tgt Ion: 42 Resp: 17737

Ion Ratio Lower Upper

42 100

74 106.2 75.1 112.7

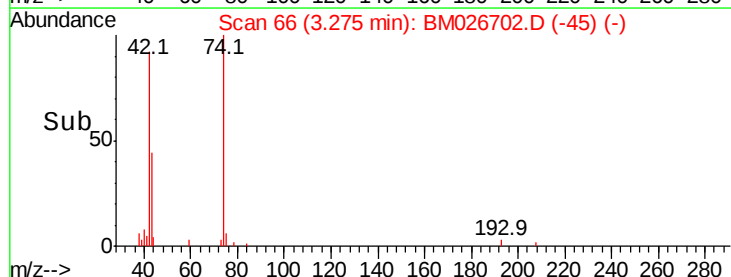
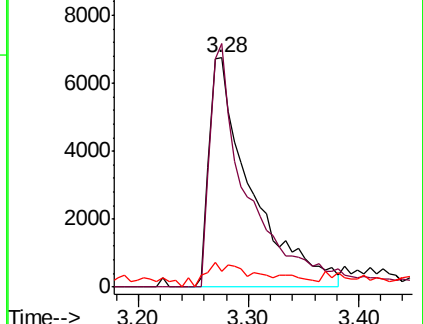
44 6.9 5.7 8.5

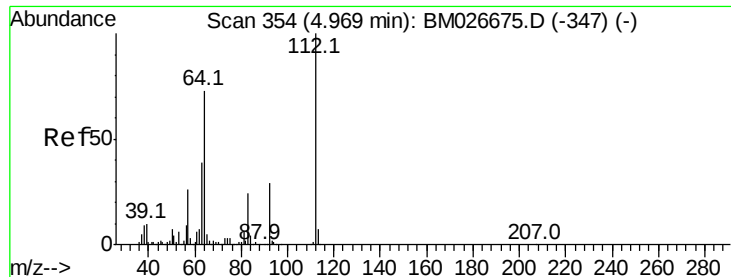


Abundance Ion 42.00 (41.70 to 42.70): BM026675.D (-55) (-)

Ion 74.00 (73.70 to 74.70): BM026675.D (-55) (-)

Ion 44.00 (43.70 to 44.70): BM026675.D (-55) (-)





#5

2-Fluorophenol

Concen: 94.970 ng

RT: 4.96 min Scan# 353

Delta R.T. 0.00 min

Lab File: BM026702.D

Acq: 08 Jul 2020 11:54

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2020

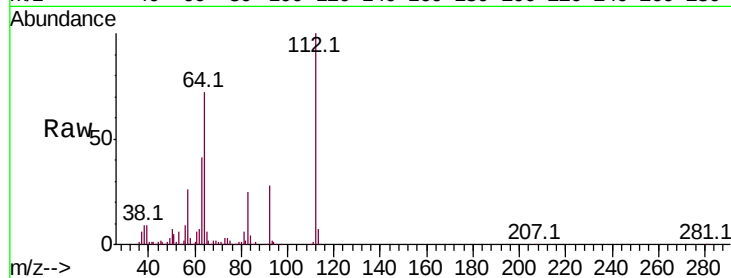
Tot Ion:112 Resp: 323216

Ion Ratio Lower Upper

112 100

64 72.3 58.4 87.6

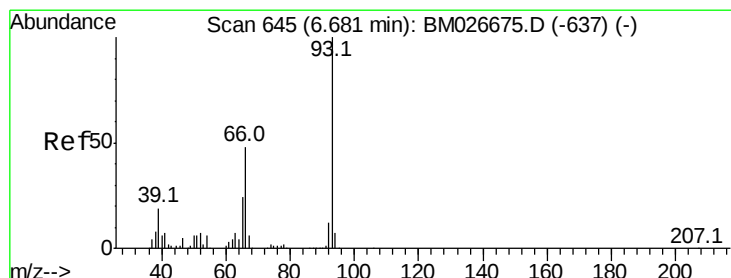
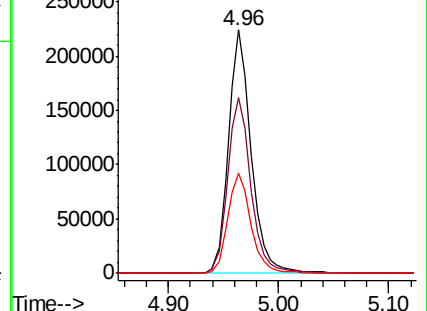
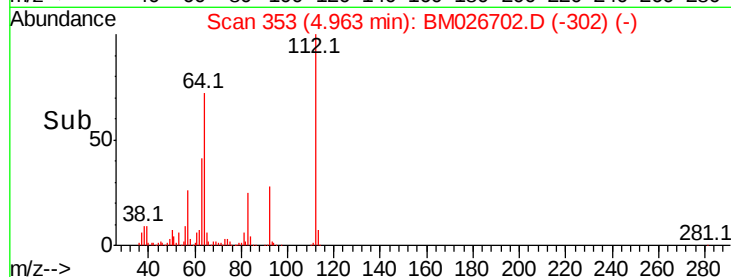
63 41.0 31.5 47.3



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 6.949 ng

RT: 6.68 min Scan# 644

Delta R.T. 0.00 min

Lab File: BM026702.D

Acq: 08 Jul 2020 11:54

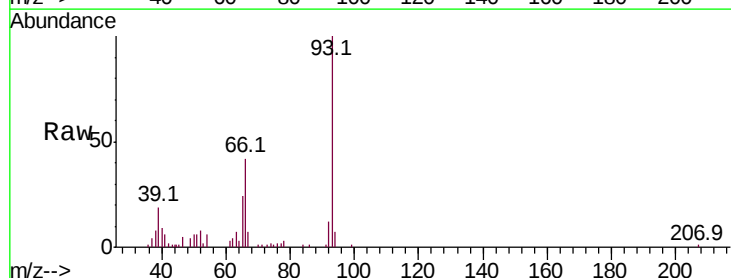
Tgt Ion: 93 Resp: 46249

Ion Ratio Lower Upper

93 100

66 42.3 38.2 57.4

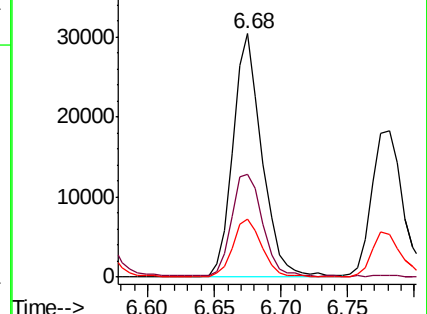
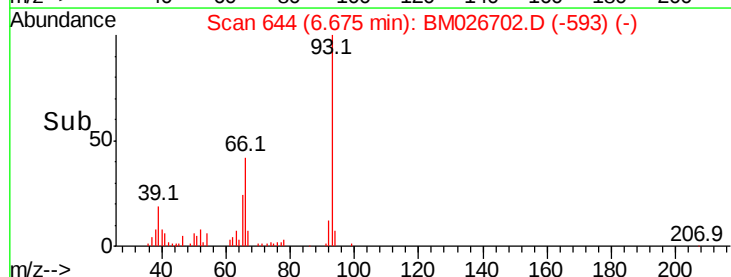
65 24.0 19.6 29.4

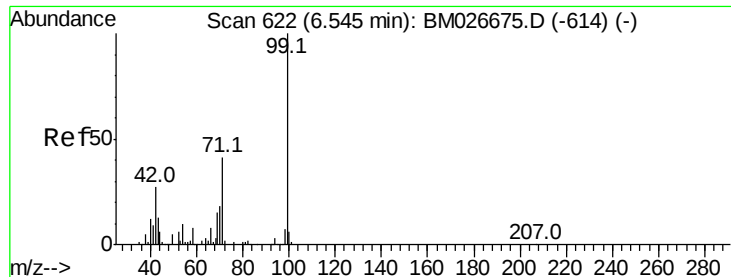


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 92.421 ng

RT: 6.53 min Scan# 620

Delta R.T. -0.01 min

Lab File: BM026702.D

Acq: 08 Jul 2020 11:54

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2020

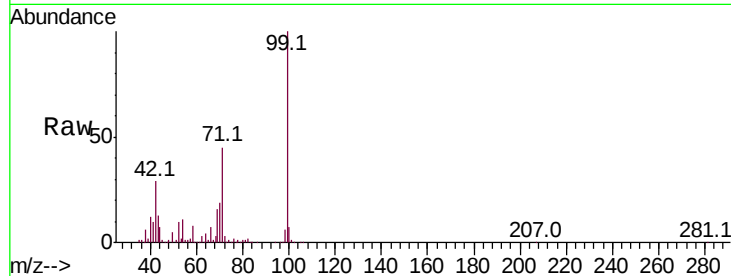
Tot Ion: 99 Resp: 501143

Ion Ratio Lower Upper

99 100

42 28.6 21.7 32.5

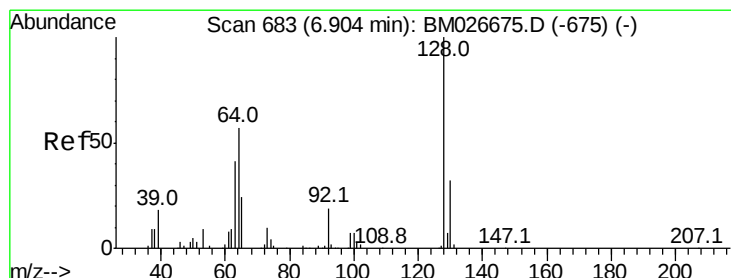
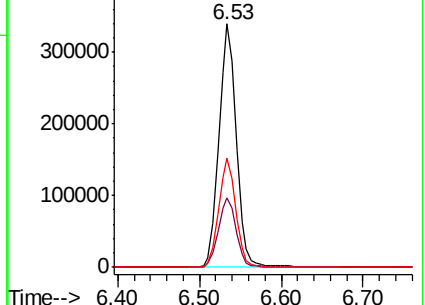
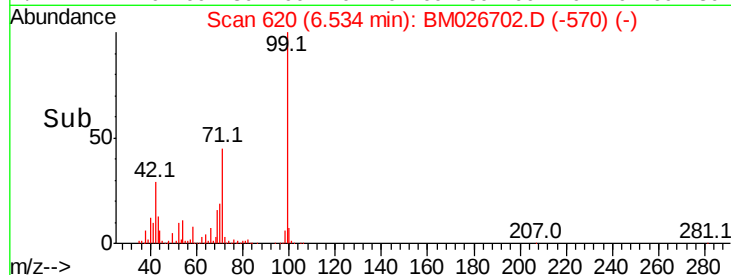
71 44.7 33.2 49.8



Abundance Ion 99.00 (98.70 to 99.70): BM026702.D (-570) (-)

Ion 42.00 (41.70 to 42.70): BM026702.D (-570) (-)

Ion 71.00 (70.70 to 71.70): BM026702.D (-570) (-)



#8

2-Chlorophenol

Concen: 6.751 ng

RT: 6.90 min Scan# 682

Delta R.T. -0.01 min

Lab File: BM026702.D

Acq: 08 Jul 2020 11:54

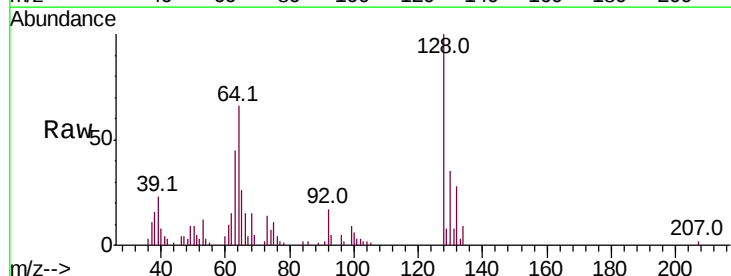
Tgt Ion: 128 Resp: 27370

Ion Ratio Lower Upper

128 100

130 34.8 12.2 52.2

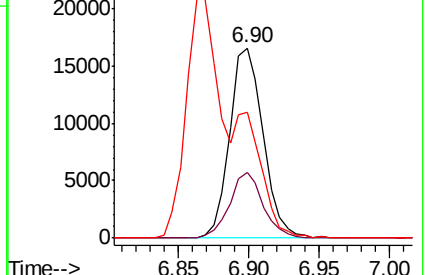
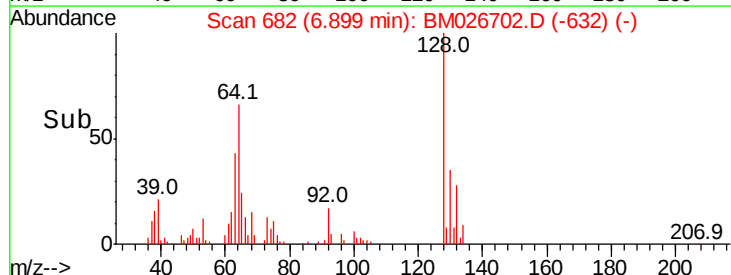
64 66.2 41.4 81.4

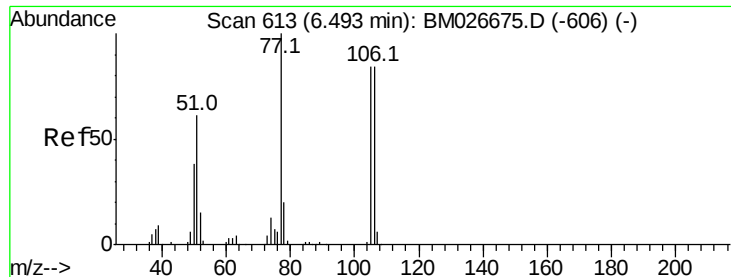


Abundance Ion 128.00 (127.70 to 128.70): BM026702.D (-632) (-)

Ion 130.00 (129.70 to 130.70): BM026702.D (-632) (-)

Ion 64.00 (63.70 to 64.70): BM026702.D (-632) (-)





#9

Benzaldehyde

Concen: 10.036 ng

RT: 6.49 min Scan# 613

Delta R.T. 0.01 min

Lab File: BM026702.D

Acq: 08 Jul 2020 11:54

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2020

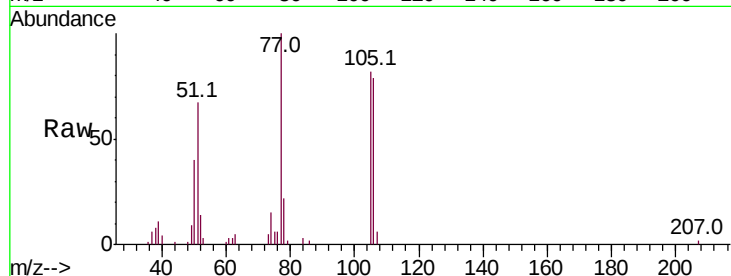
Tot Ion: 77 Resp: 30203

Ion Ratio Lower Upper

77 100

105 81.6 64.4 104.4

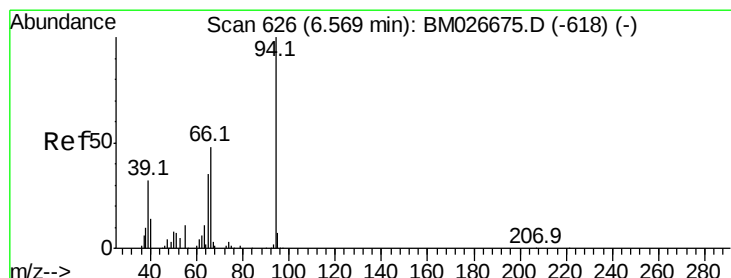
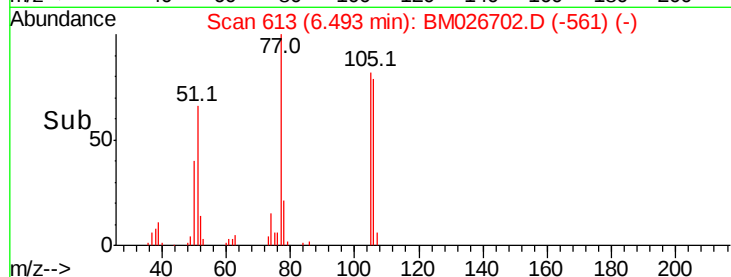
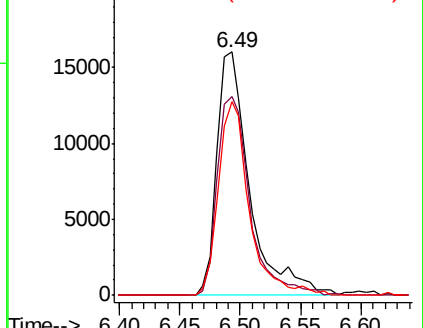
106 79.5 64.3 104.3



Abundance Ion 77.00 (76.70 to 77.70): BM026702.D (-561) (-)

Ion 105.00 (104.70 to 105.70): BM026702.D (-561) (-)

Ion 106.00 (105.70 to 106.70): BM026702.D (-561) (-)



#10

Phenol

Concen: 6.830 ng

RT: 6.56 min Scan# 625

Delta R.T. 0.00 min

Lab File: BM026702.D

Acq: 08 Jul 2020 11:54

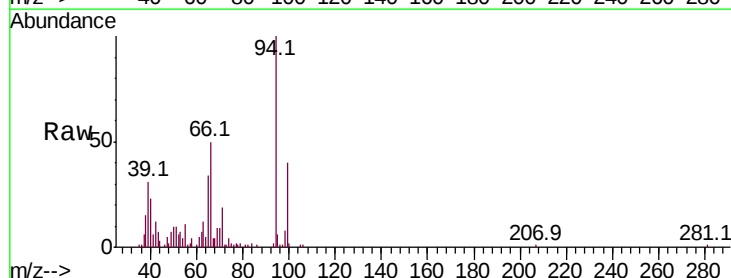
Tgt Ion: 94 Resp: 36601

Ion Ratio Lower Upper

94 100

65 34.1 15.5 55.5

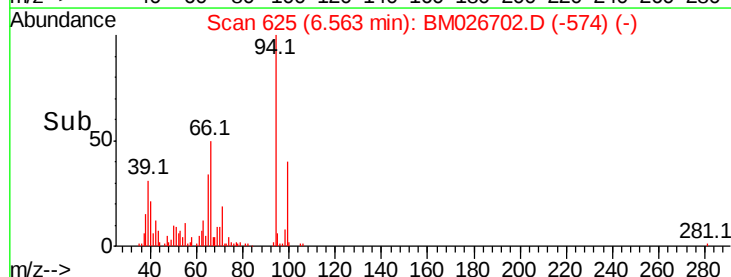
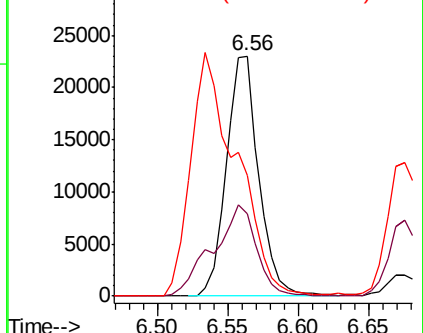
66 50.2 29.8 69.8



Abundance Ion 94.00 (93.70 to 94.70): BM026702.D (-574) (-)

Ion 65.00 (64.70 to 65.70): BM026702.D (-574) (-)

Ion 66.00 (65.70 to 66.70): BM026702.D (-574) (-)

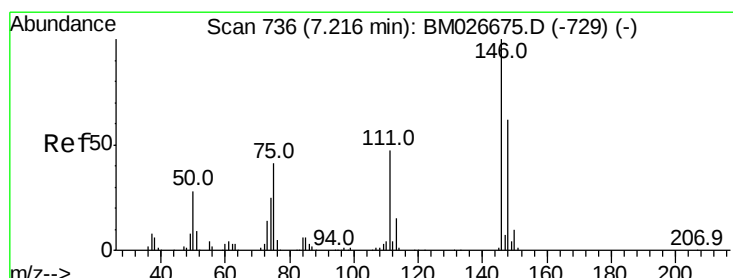
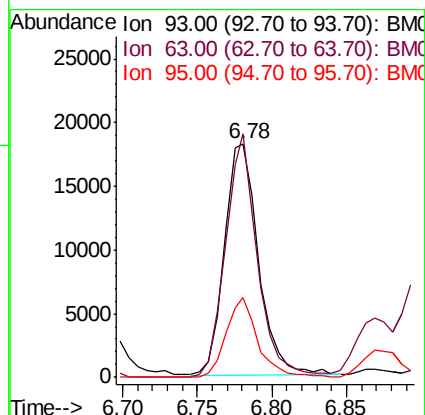
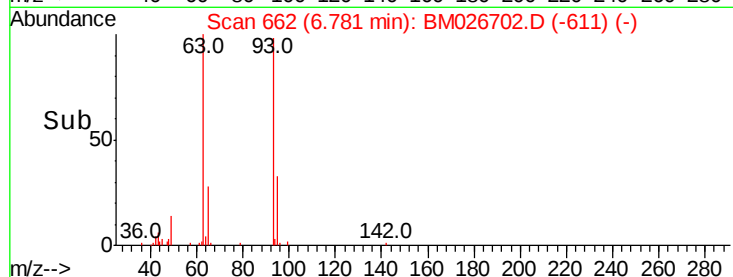
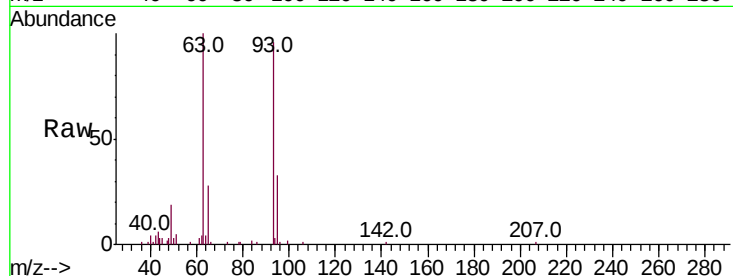




#11
bis(2-Chloroethyl)ether
Concen: 6.562 ng
RT: 6.78 min Scan# 662
Delta R.T. 0.00 min
Lab File: BM026702.D
Acq: 08 Jul 2020 11:54

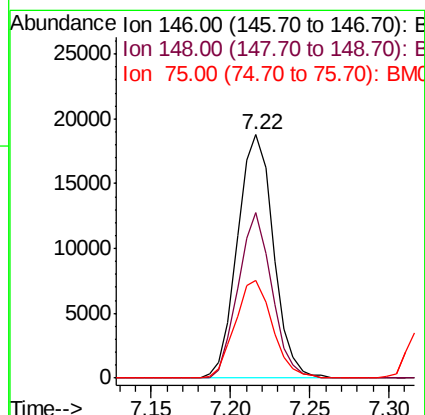
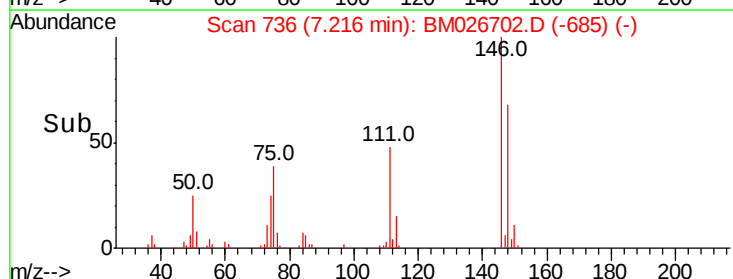
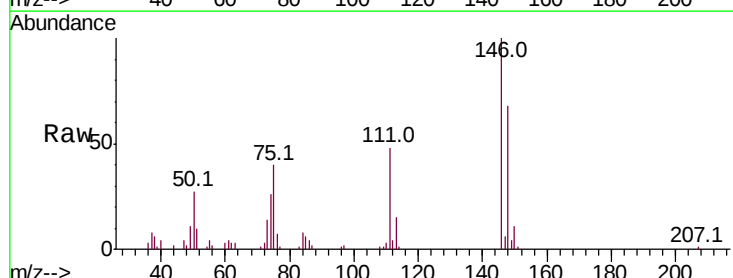
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2020

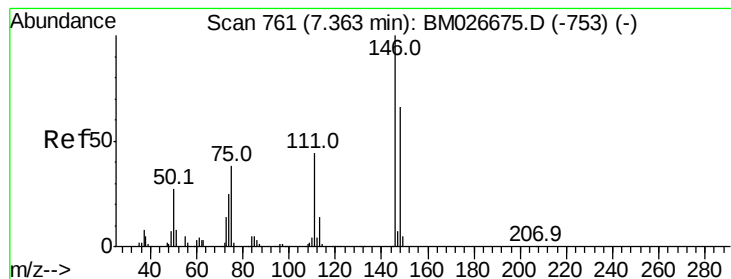
Tot Ion: 93 Resp: 29403
Ion Ratio Lower Upper
93 100
63 104.3 72.6 112.6
95 34.1 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 6.732 ng
RT: 7.22 min Scan# 736
Delta R.T. 0.00 min
Lab File: BM026702.D
Acq: 08 Jul 2020 11:54

Tgt Ion: 146 Resp: 29666
Ion Ratio Lower Upper
146 100
148 67.8 49.7 74.5
75 40.2 32.7 49.1





#13

1,4-Dichlorobenzene

Concen: 6.892 ng

RT: 7.36 min Scan# 760

Delta R.T. -0.01 min

Lab File: BM026702.D

Acq: 08 Jul 2020 11:54

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2020

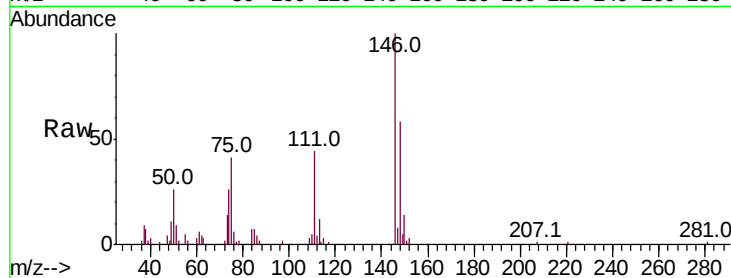
Tot Ion:146 Resp: 30912

Ion Ratio Lower Upper

146 100

148 58.3 52.4 78.6

111 43.8 35.6 53.4

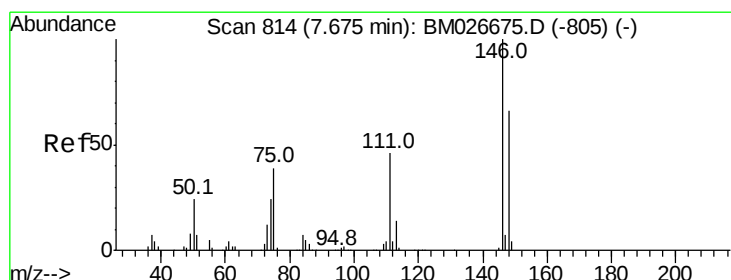
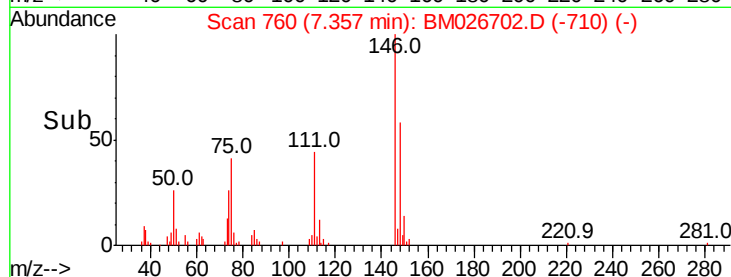
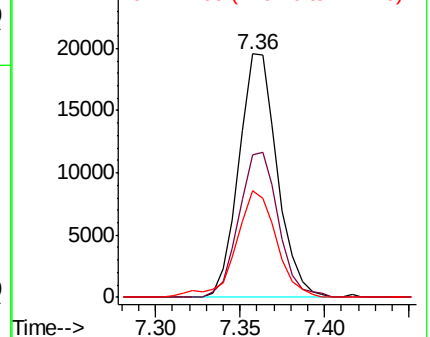


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 6.771 ng

RT: 7.67 min Scan# 813

Delta R.T. 0.00 min

Lab File: BM026702.D

Acq: 08 Jul 2020 11:54

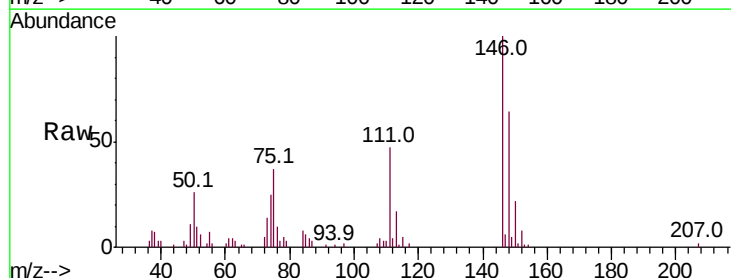
Tgt Ion:146 Resp: 30255

Ion Ratio Lower Upper

146 100

148 63.6 52.6 78.8

111 47.0 37.2 55.8

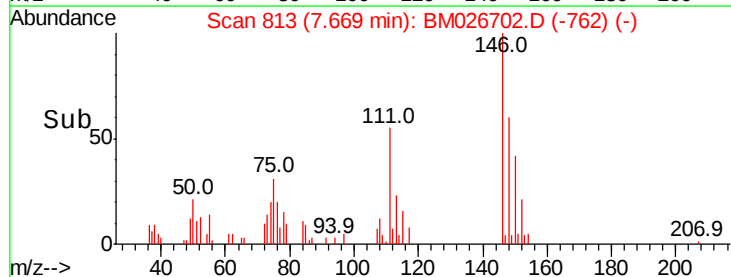
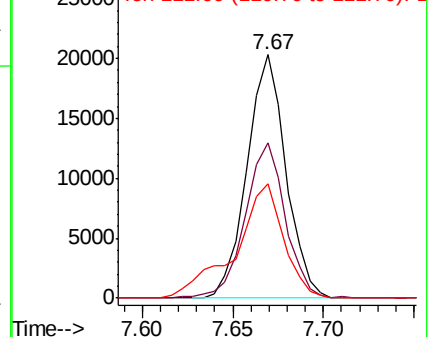


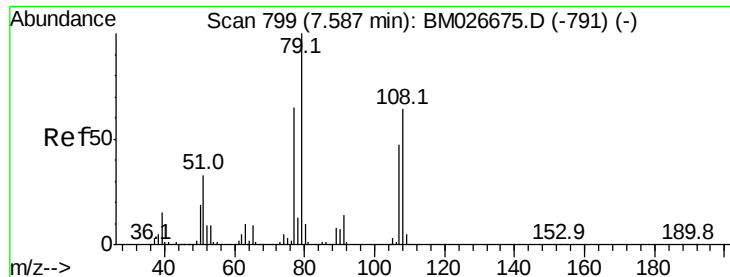
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 5.873 ng

RT: 7.59 min Scan# 799

Delta R.T. 0.01 min

Lab File: BM026702.D

Acq: 08 Jul 2020 11:54

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2020

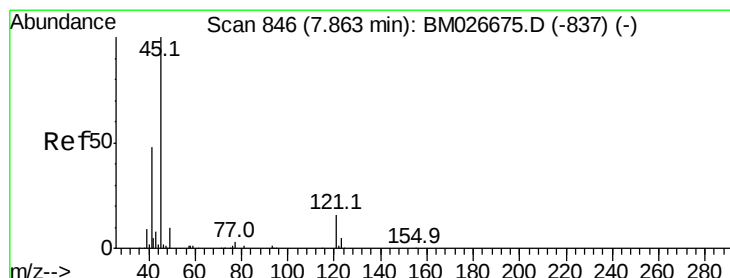
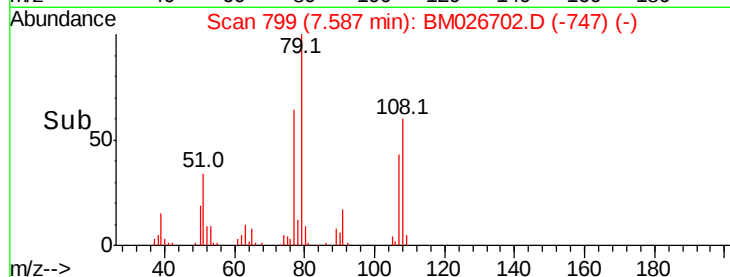
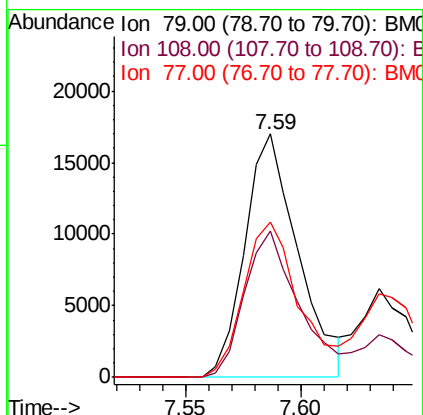
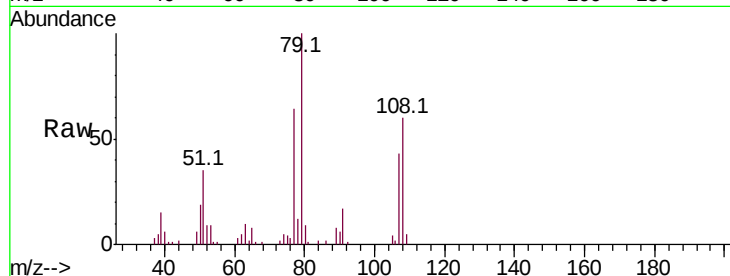
Tot Ion: 79 Resp: 27247

Ion Ratio Lower Upper

79 100

108 60.2 51.0 76.4

77 63.9 52.1 78.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 6.813 ng

RT: 7.86 min Scan# 845

Delta R.T. -0.01 min

Lab File: BM026702.D

Acq: 08 Jul 2020 11:54

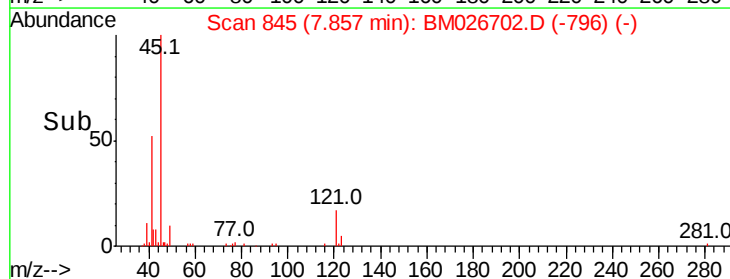
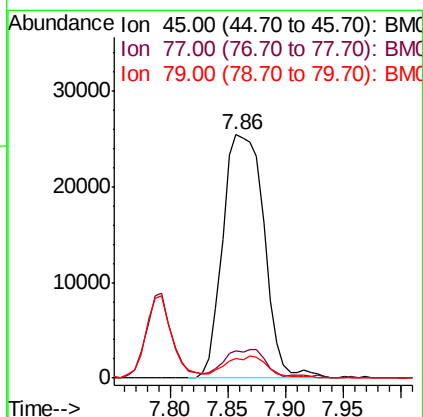
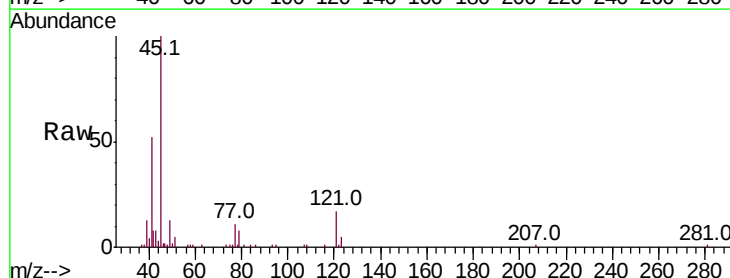
Tgt Ion: 45 Resp: 63012

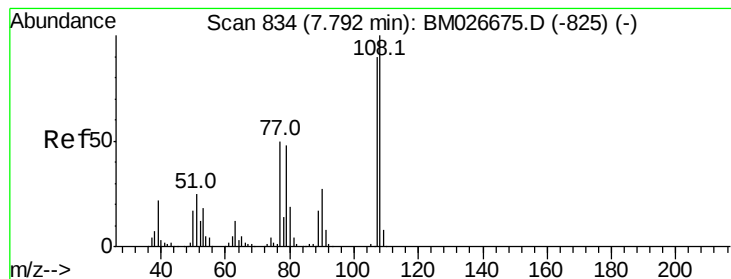
Ion Ratio Lower Upper

45 100

77 11.0 0.0 31.4

79 7.9 0.0 28.4





#17

2-Methylphenol

Concen: 5.909 ng

RT: 7.79 min Scan# 834

Delta R.T. 0.00 min

Lab File: BM026702.D

Acq: 08 Jul 2020 11:54

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2020

Tot Ion:107 Resp: 24065

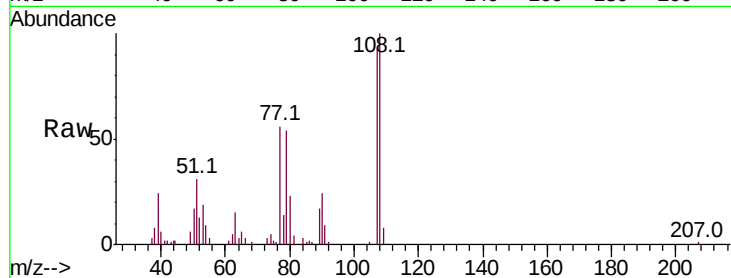
Ion Ratio Lower Upper

107 100

108 107.4 89.4 134.0

77 60.0 45.2 67.8

79 57.8 42.8 64.2



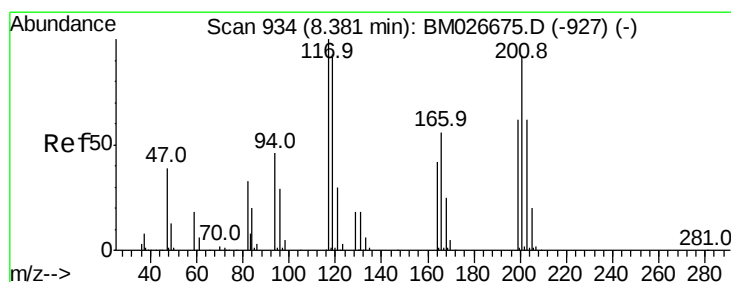
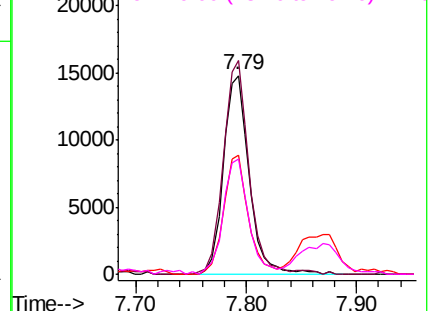
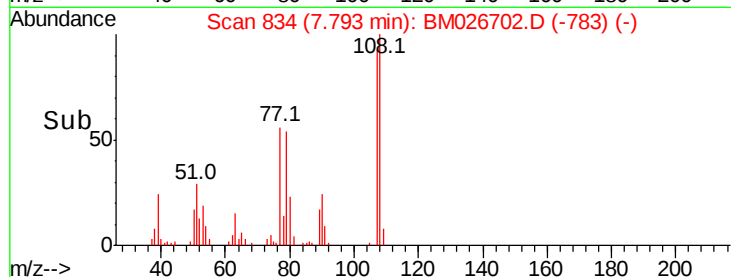
Abundance

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: 6.646 ng

RT: 8.37 min Scan# 933

Delta R.T. -0.01 min

Lab File: BM026702.D

Acq: 08 Jul 2020 11:54

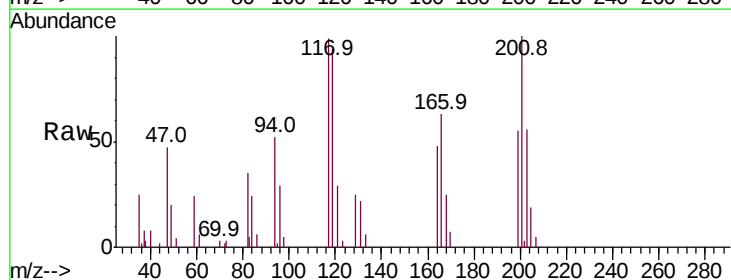
Tgt Ion:117 Resp: 11840

Ion Ratio Lower Upper

117 100

119 95.3 74.2 111.2

201 104.2 73.6 110.4

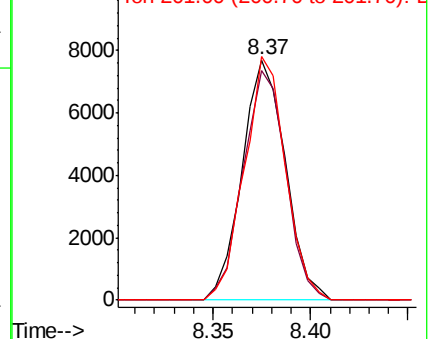
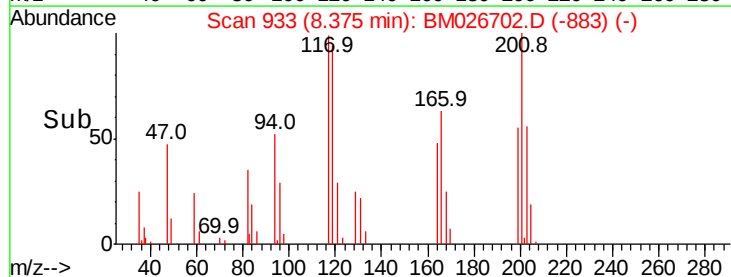


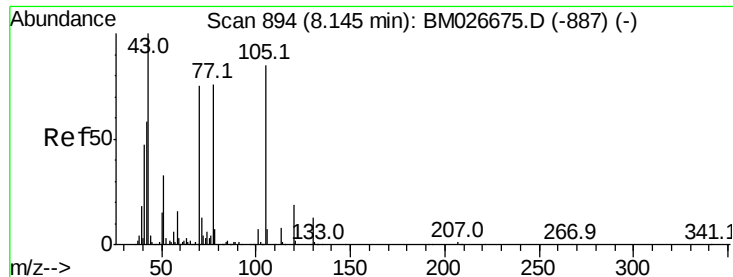
Abundance

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

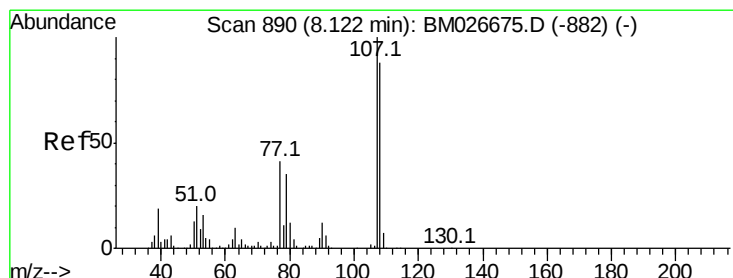
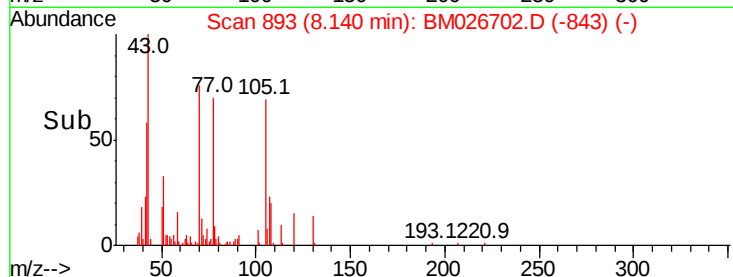
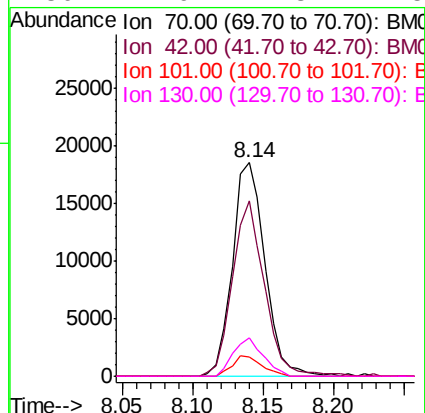
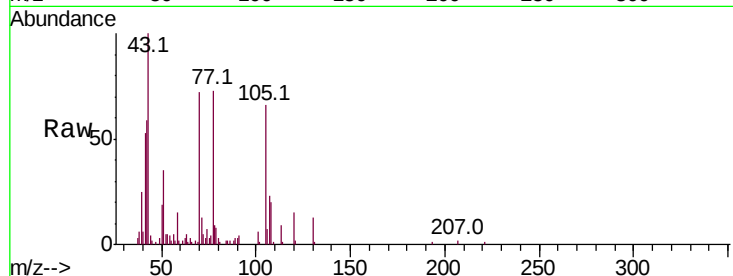




#19
n-Nitroso-di-n-propylamine
Concen: 6.568 ng
RT: 8.14 min Scan# 893
Delta R.T. -0.01 min
Lab File: BM026702.D
Acq: 08 Jul 2020 11:54

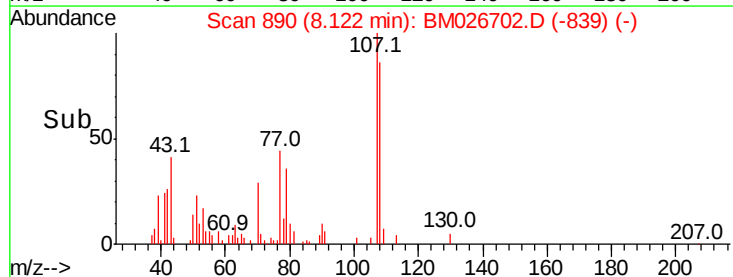
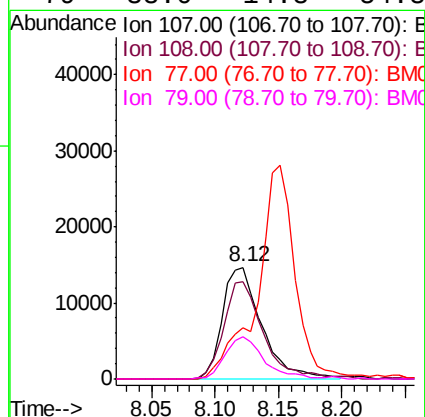
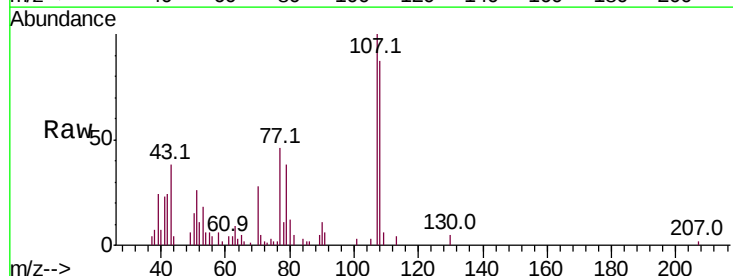
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2020

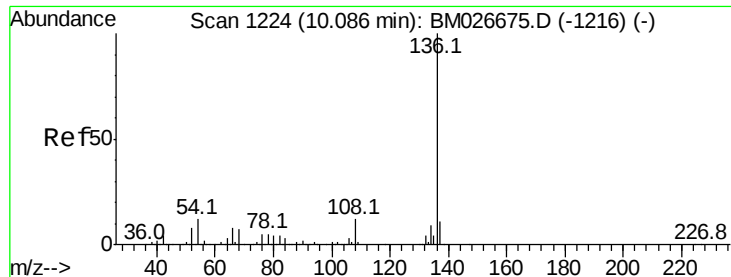
Tot Ion:	70	Resp:	29631
Ion	Ratio	Lower	Upper
70	100		
42	82.2	62.3	93.5
101	9.0	7.1	10.7
130	17.9	14.3	21.5



#20
3+4-Methylphenols
Concen: 5.640 ng
RT: 8.12 min Scan# 890
Delta R.T. 0.00 min
Lab File: BM026702.D
Acq: 08 Jul 2020 11:54

Tgt Ion:	107	Resp:	31580
Ion	Ratio	Lower	Upper
107	100		
108	86.5	68.5	108.5
77	45.5	20.8	60.8
79	38.0	14.8	54.8

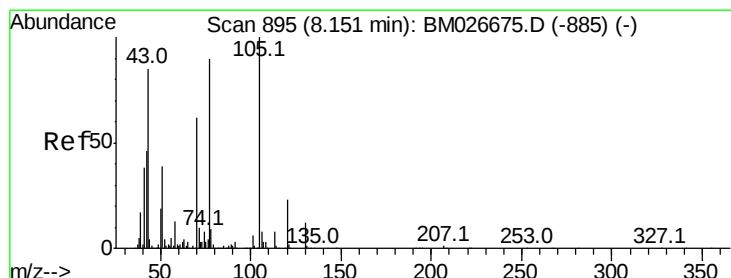
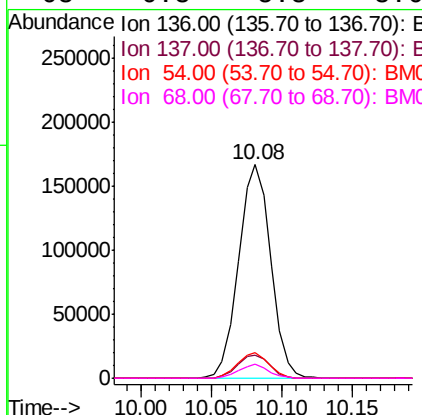
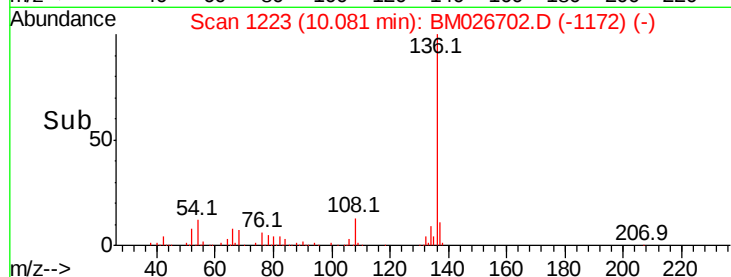
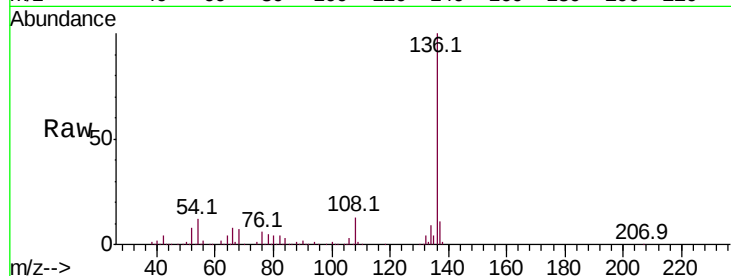




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.08 min Scan# 1223
Delta R.T. 0.00 min
Lab File: BM026702.D
Acq: 08 Jul 2020 11:54

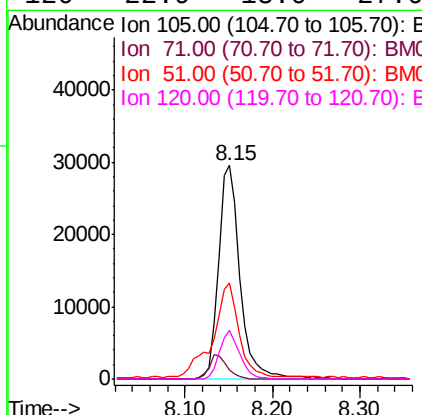
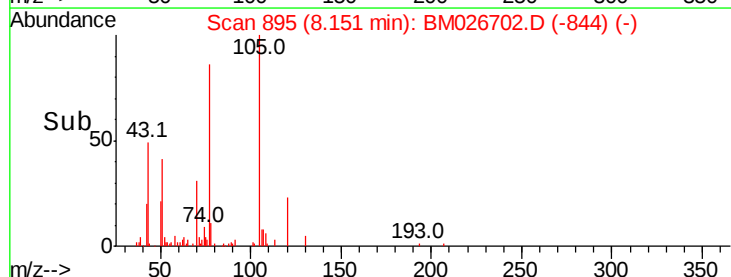
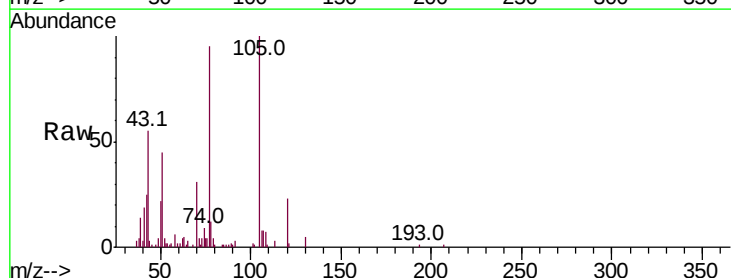
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2020

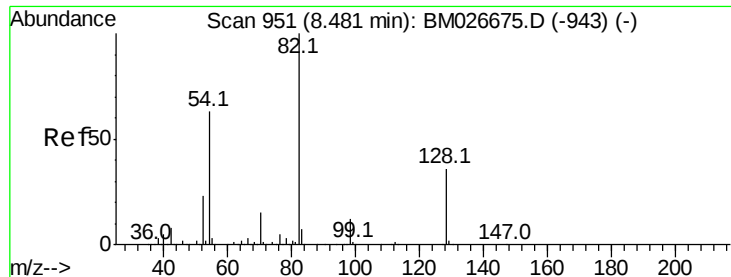
Tot Ion:136	Resp:	265309
Ion Ratio	Lower	Upper
136 100		
137 11.0	8.6	12.8
54 12.2	9.8	14.6
68 6.8	5.8	8.6



#22
Acetophenone
Concen: 6.686 ng
RT: 8.15 min Scan# 895
Delta R.T. 0.00 min
Lab File: BM026702.D
Acq: 08 Jul 2020 11:54

Tgt	Ion:105	Resp:	50405
Ion	Ratio	Lower	Upper
105	100		
71	4.0	8.1	12.1#
51	45.2	31.9	47.9
120	22.9	18.0	27.0

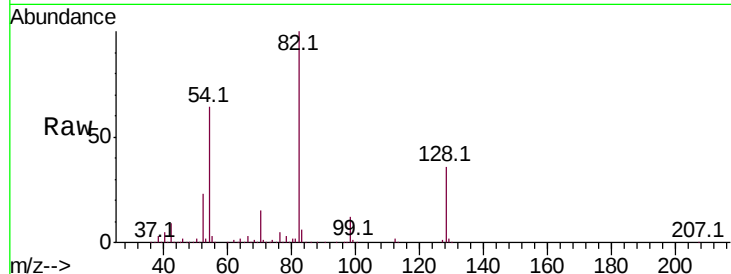




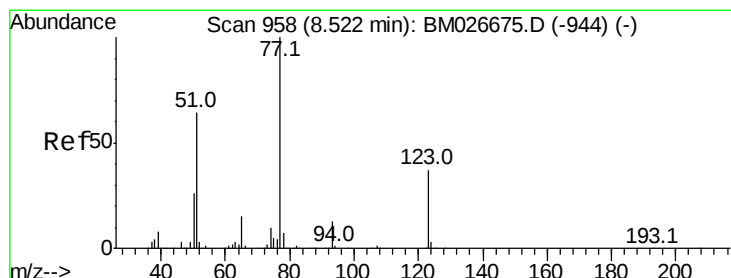
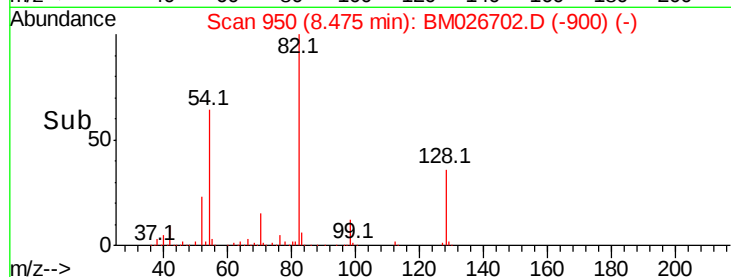
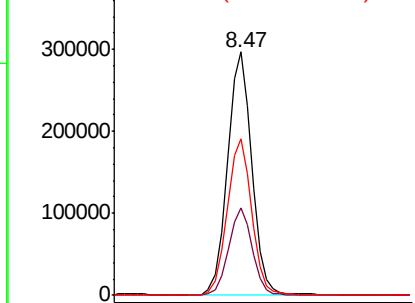
#23
 Nitrobenzene-d5
 Concen: 73.812 ng
 RT: 8.47 min Scan# 950
 Delta R.T. -0.01 min
 Lab File: BM026702.D
 Acq: 08 Jul 2020 11:54

Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2020

Tot Ion: 82 Resp: 459014
 Ion Ratio Lower Upper
 82 100
 128 35.7 29.1 43.7
 54 64.1 50.2 75.4

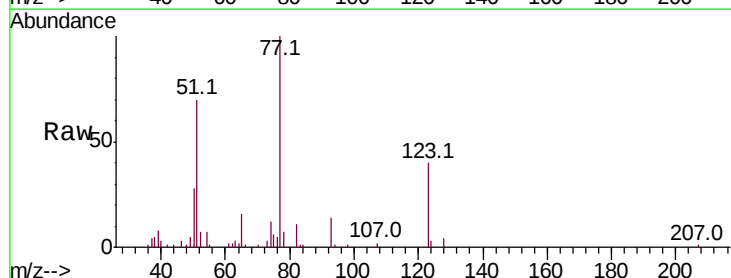


Abundance Ion 82.00 (81.70 to 82.70): BM0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BM0

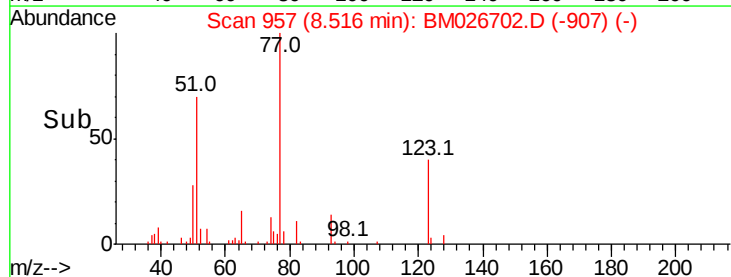
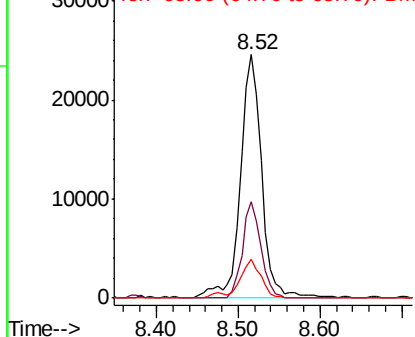


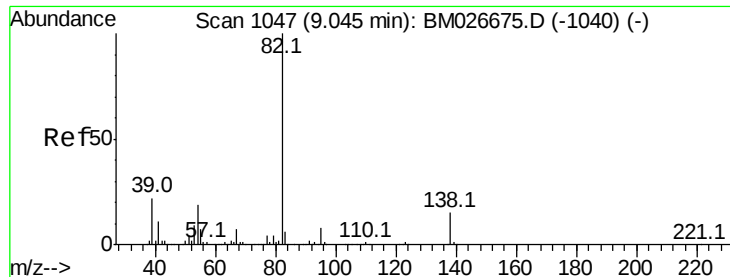
#24
 Nitrobenzene
 Concen: 6.793 ng
 RT: 8.52 min Scan# 957
 Delta R.T. -0.01 min
 Lab File: BM026702.D
 Acq: 08 Jul 2020 11:54

Tgt Ion: 77 Resp: 44442
 Ion Ratio Lower Upper
 77 100
 123 39.5 29.8 44.6
 65 15.9 12.2 18.4



Abundance Ion 77.00 (76.70 to 77.70): BM0
 Ion 123.00 (122.70 to 123.70): E
 Ion 65.00 (64.70 to 65.70): BM0





#25

Isophorone

Concen: 6.248 ng

RT: 9.04 min Scan# 1046

Delta R.T. -0.01 min

Lab File: BM026702.D

Acq: 08 Jul 2020 11:54

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2020

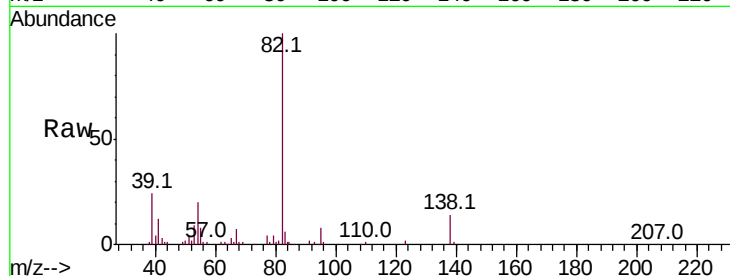
Tot Ion: 82 Resp: 74504

Ion Ratio Lower Upper

82 100

95 8.5 6.3 9.5

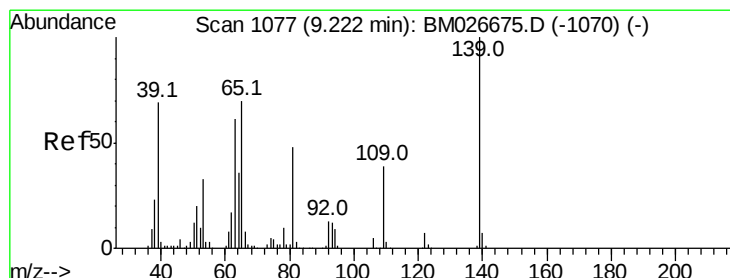
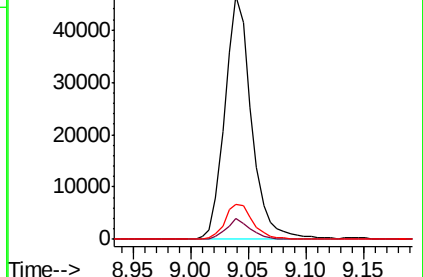
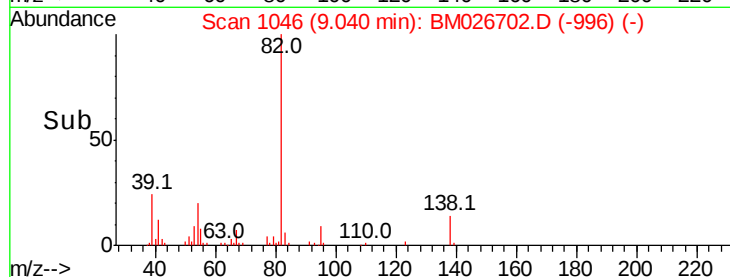
138 14.4 12.0 18.0



Abundance Ion 82.00 (81.70 to 82.70): BM026702.D (-996) (-)

Ion 95.00 (94.70 to 95.70): BM026702.D (-996) (-)

Ion 138.00 (137.70 to 138.70): BM026702.D (-996) (-)



#26

2-Nitrophenol

Concen: 5.390 ng

RT: 9.22 min Scan# 1077

Delta R.T. 0.00 min

Lab File: BM026702.D

Acq: 08 Jul 2020 11:54

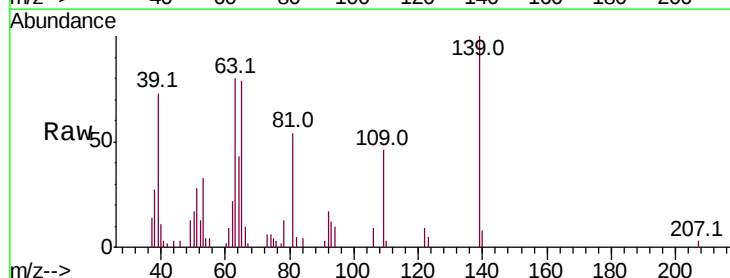
Tgt Ion: 139 Resp: 13014

Ion Ratio Lower Upper

139 100

109 46.3 30.8 46.2#

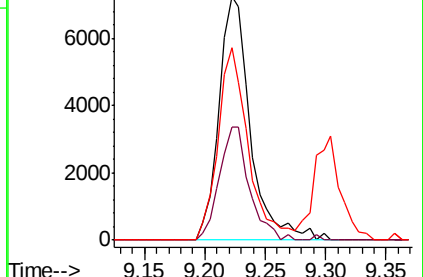
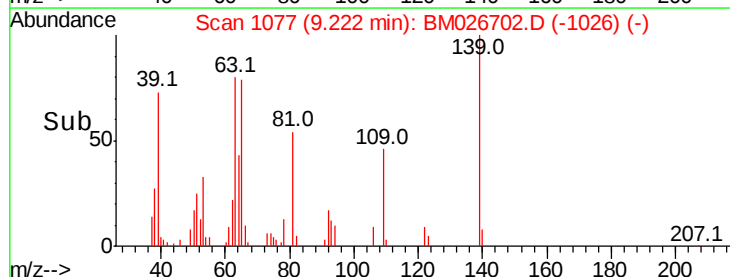
65 78.9 56.2 84.4

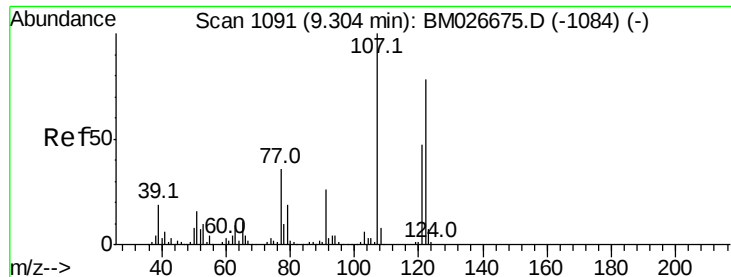


Abundance Ion 139.00 (138.70 to 139.70): BM026702.D (-1026) (-)

Ion 109.00 (108.70 to 109.70): BM026702.D (-1026) (-)

Ion 65.00 (64.70 to 65.70): BM026702.D (-1026) (-)





#27

2,4-Dimethylphenol

Concen: 6.916 ng

RT: 9.30 min Scan# 1090

Delta R.T. 0.00 min

Lab File: BM026702.D

Acq: 08 Jul 2020 11:54

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2020

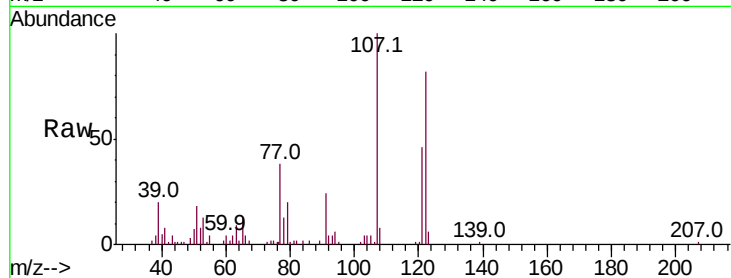
Tot Ion:122 Resp: 27155

Ion Ratio Lower Upper

122 100

107 122.5 102.1 153.1

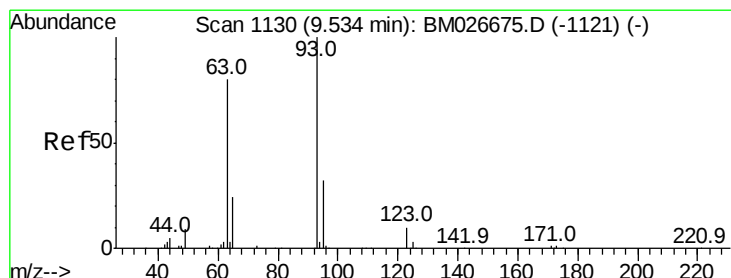
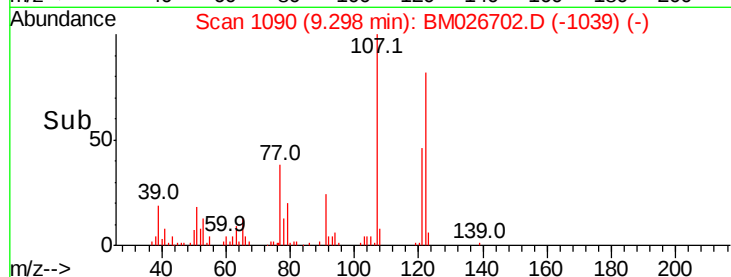
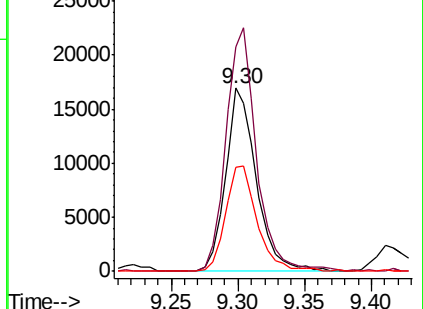
121 56.6 48.2 72.2



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 6.643 ng

RT: 9.53 min Scan# 1130

Delta R.T. 0.00 min

Lab File: BM026702.D

Acq: 08 Jul 2020 11:54

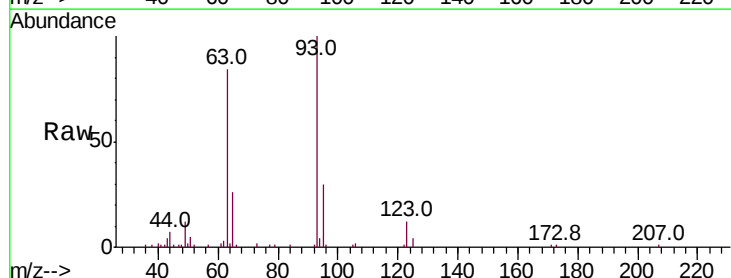
Tgt Ion: 93 Resp: 43764

Ion Ratio Lower Upper

93 100

95 29.8 25.7 38.5

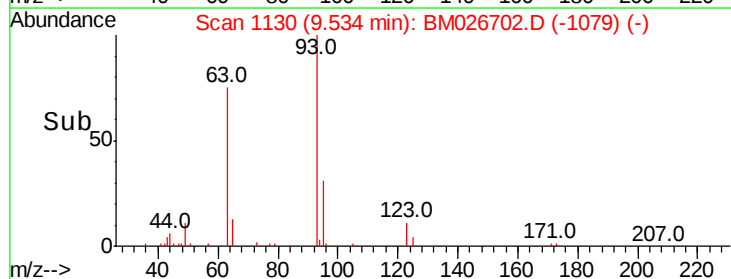
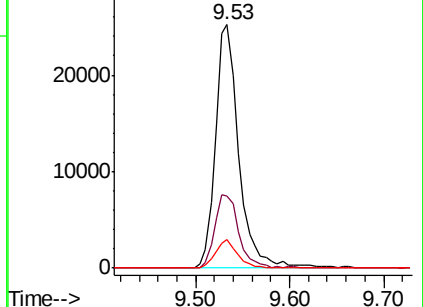
123 11.6 8.7 13.1

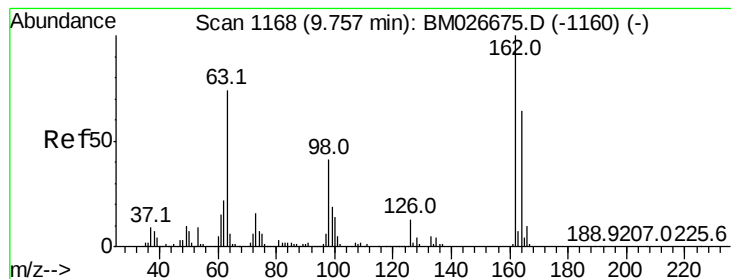


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 5.957 ng

RT: 9.76 min Scan# 1169

Delta R.T. 0.01 min

Lab File: BM026702.D

Acq: 08 Jul 2020 11:54

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2020

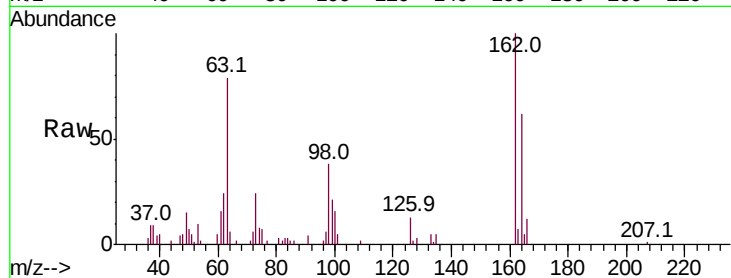
Tot Ion:162 Resp: 25758

Ion Ratio Lower Upper

162 100

164 61.9 44.3 84.3

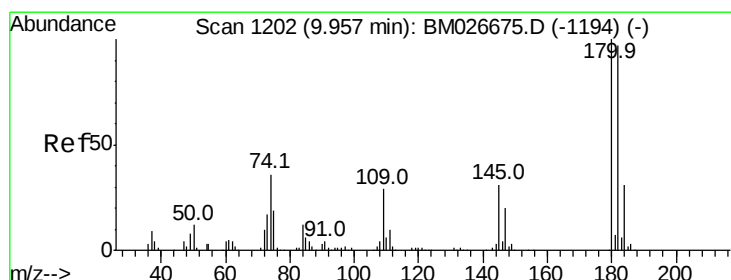
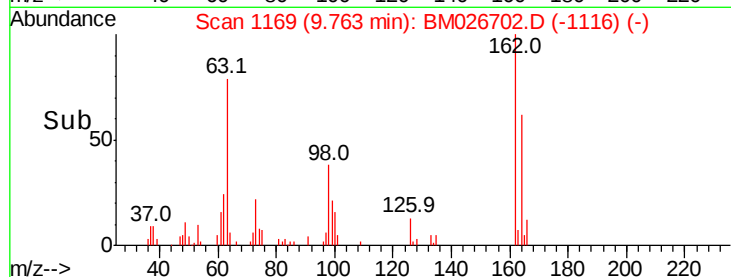
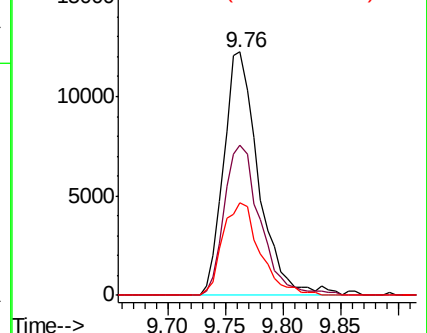
98 37.9 21.0 61.0



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BM



#30

1,2,4-Trichlorobenzene

Concen: 6.505 ng

RT: 9.95 min Scan# 1201

Delta R.T. -0.01 min

Lab File: BM026702.D

Acq: 08 Jul 2020 11:54

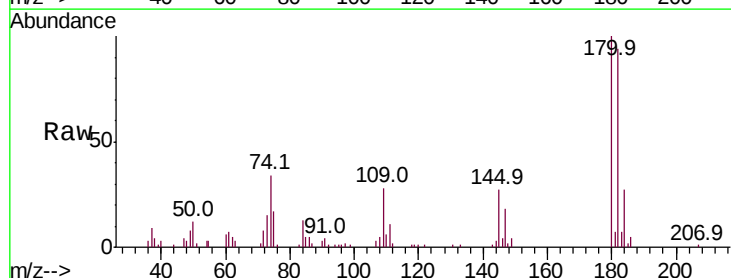
Tgt Ion:180 Resp: 31378

Ion Ratio Lower Upper

180 100

182 94.2 77.8 116.6

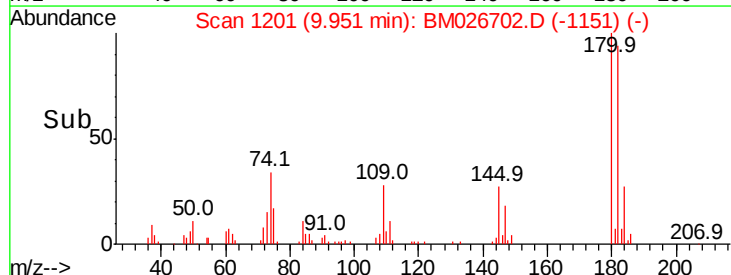
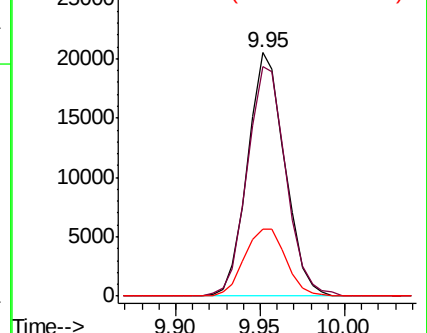
145 27.5 25.0 37.6

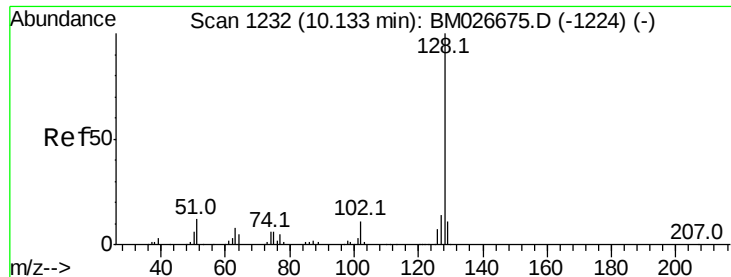


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

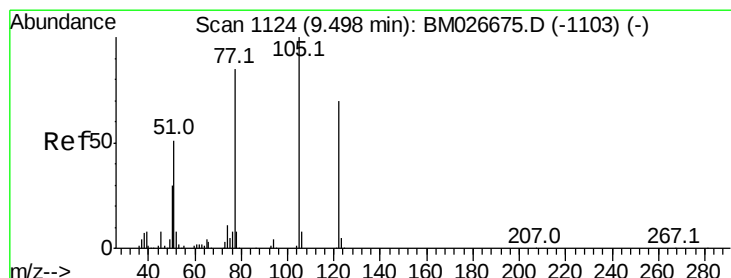
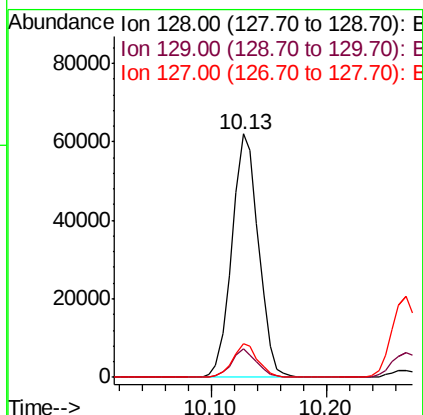
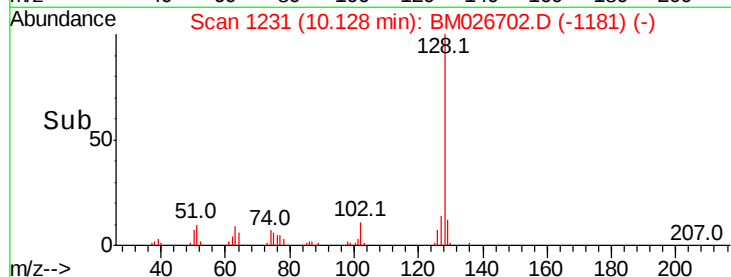
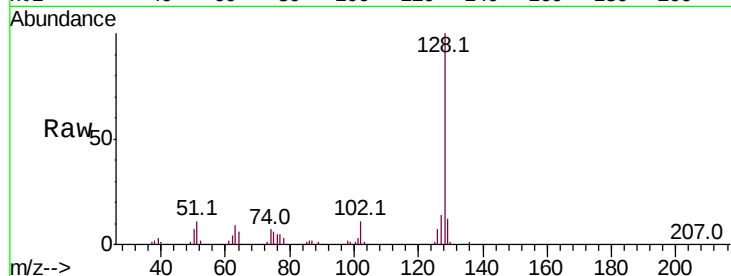




#31
Naphthalene
Concen: 6.728 ng
RT: 10.13 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BM026702.D
Acq: 08 Jul 2020 11:54

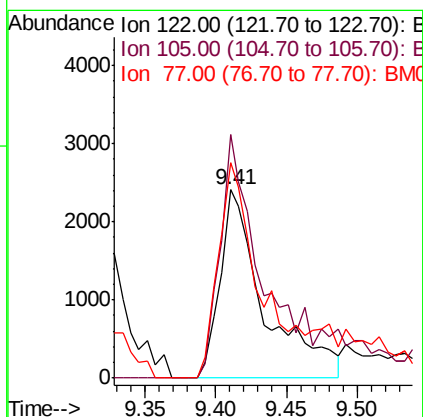
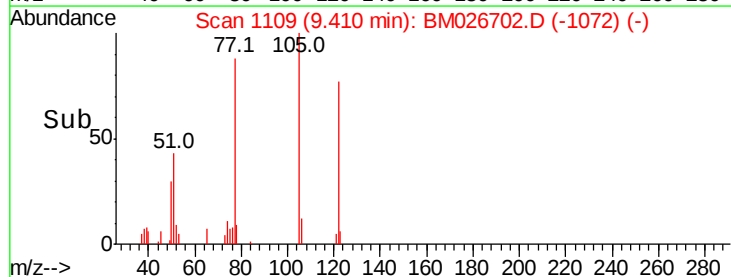
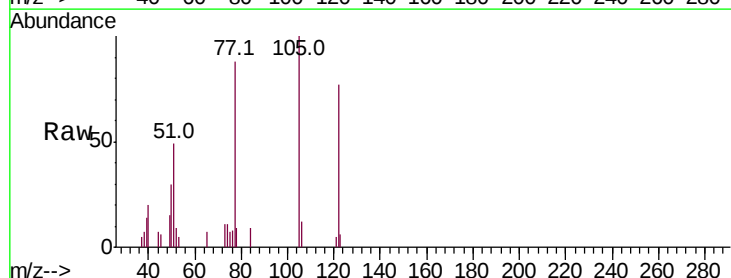
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2020

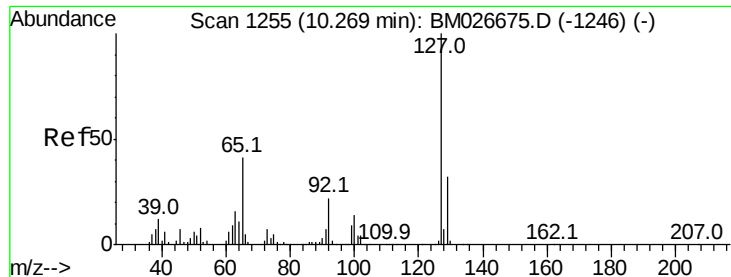
Tot Ion:128 Resp: 99283
Ion Ratio Lower Upper
128 100
129 11.9 8.8 13.2
127 13.7 10.8 16.2



#32
Benzoic acid
Concen: 1.768 ng
RT: 9.41 min Scan# 1109
Delta R.T. -0.08 min
Lab File: BM026702.D
Acq: 08 Jul 2020 11:54

Tgt Ion:122 Resp: 5267
Ion Ratio Lower Upper
122 100
105 129.3 120.9 160.9
77 114.2 100.0 140.0

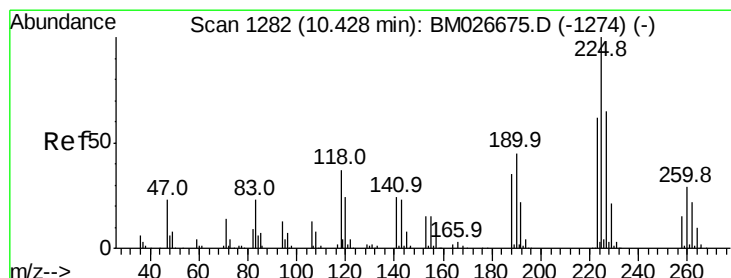
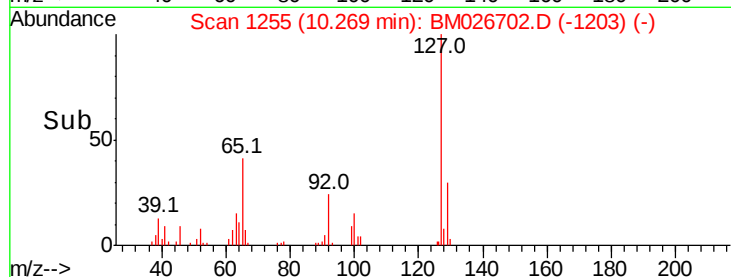
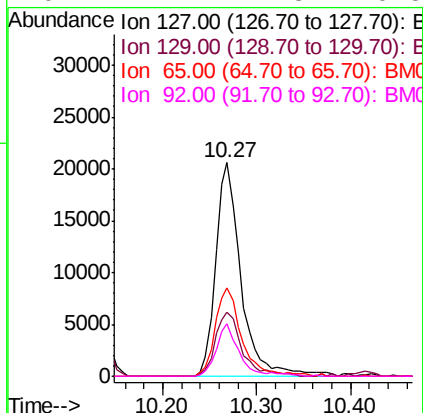
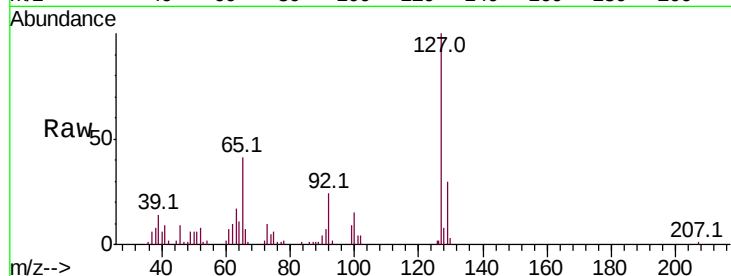




#33
4-Chloroaniline
Concen: 6.013 ng
RT: 10.27 min Scan# 1255
Delta R.T. 0.01 min
Lab File: BM026702.D
Acq: 08 Jul 2020 11:54

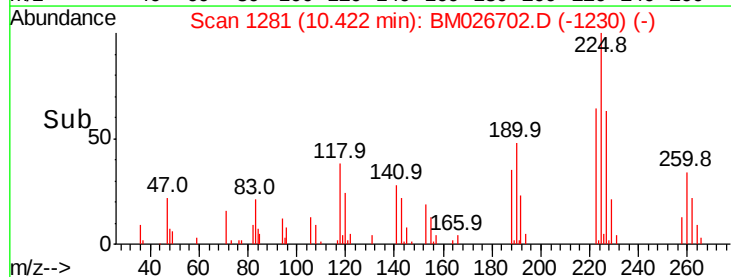
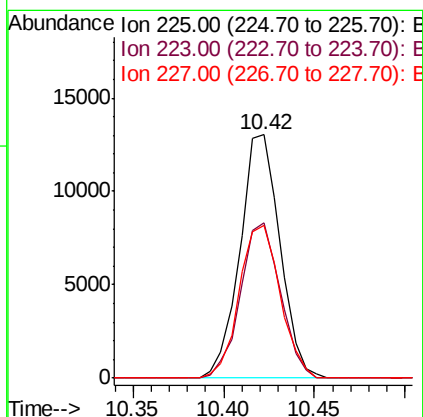
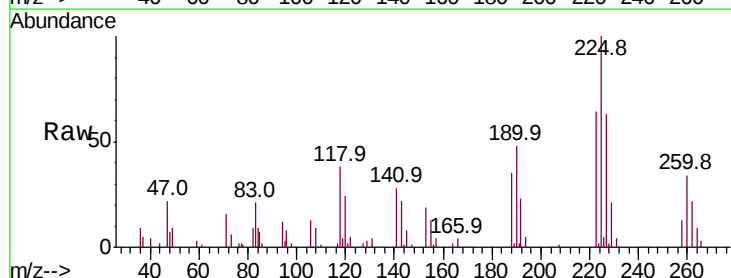
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2020

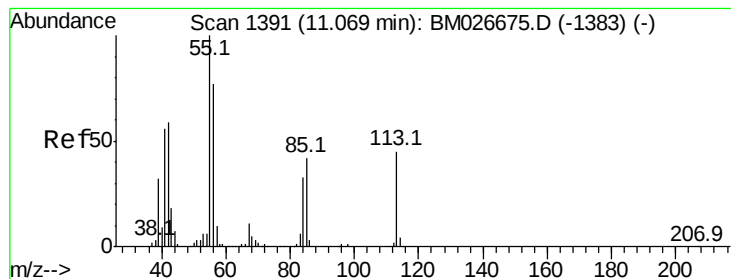
Tot Ion:	127	Resp:	38816
Ion	Ratio	Lower	Upper
127	100		
129	30.0	25.8	38.6
65	41.2	32.5	48.7
92	24.4	17.8	26.8



#34
Hexachlorobutadiene
Concen: 6.268 ng
RT: 10.42 min Scan# 1281
Delta R.T. 0.00 min
Lab File: BM026702.D
Acq: 08 Jul 2020 11:54

Tgt Ion:	225	Resp:	20024
Ion	Ratio	Lower	Upper
225	100		
223	65.5	49.8	74.8
227	65.0	52.3	78.5





#35

Caprolactam

Concen: 5.595 ng

RT: 11.05 min Scan# 1387

Delta R.T. -0.02 min

Lab File: BM026702.D

Acq: 08 Jul 2020 11:54

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2020

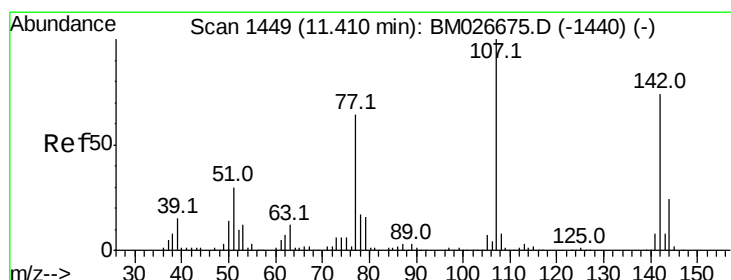
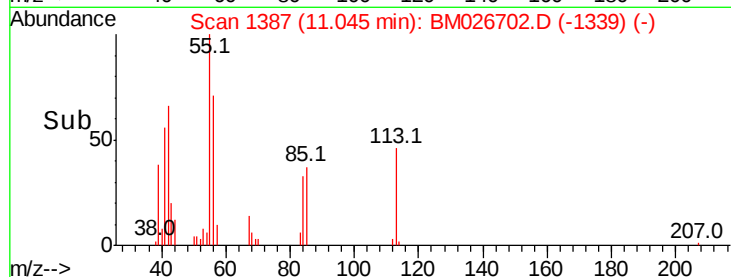
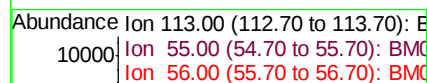
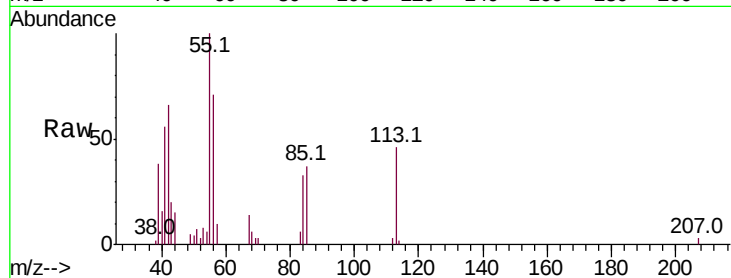
Tot Ion:113 Resp: 8570

Ion Ratio Lower Upper

113 100

55 215.9 203.5 243.5

56 152.5 151.6 191.6



#36

4-Chloro-3-methylphenol

Concen: 6.075 ng

RT: 11.40 min Scan# 1448

Delta R.T. -0.01 min

Lab File: BM026702.D

Acq: 08 Jul 2020 11:54

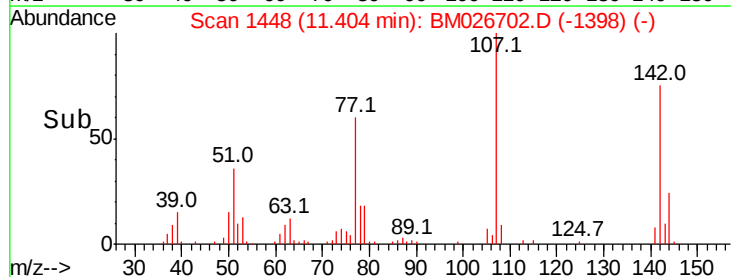
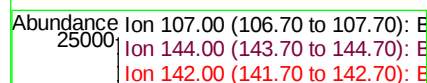
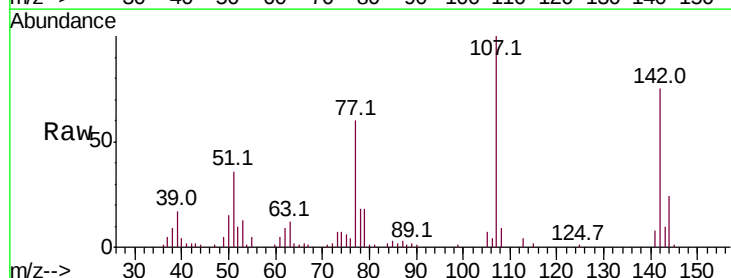
Tgt Ion:107 Resp: 33200

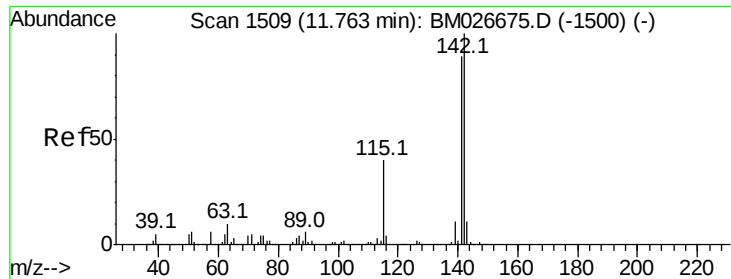
Ion Ratio Lower Upper

107 100

144 23.7 18.9 28.3

142 74.7 59.0 88.4

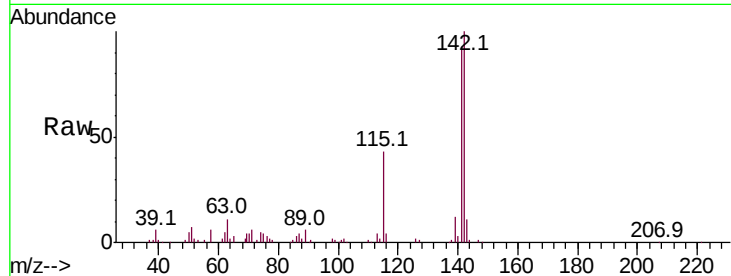




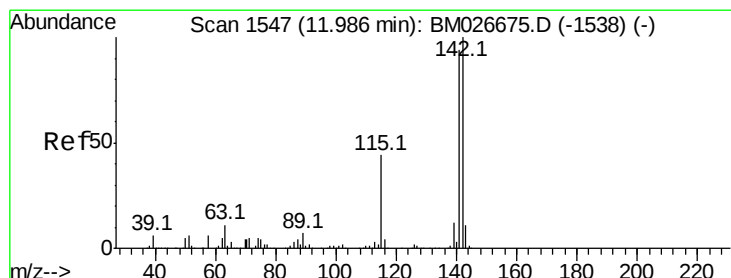
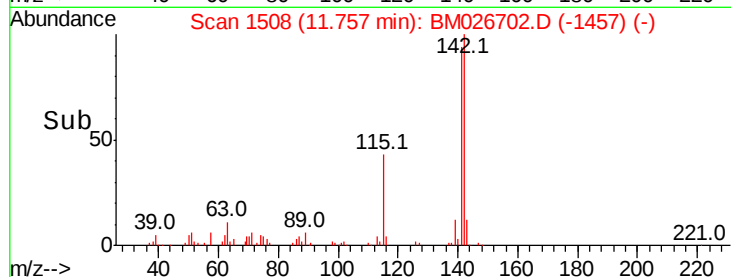
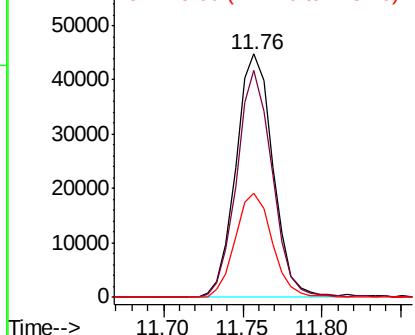
#37
2-Methylnaphthalene
Concen: 6.650 ng
RT: 11.76 min Scan# 1508
Delta R.T. 0.00 min
Lab File: BM026702.D
Acq: 08 Jul 2020 11:54

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2020

Tot Ion:142 Resp: 72692
Ion Ratio Lower Upper
142 100
141 93.1 71.4 107.0
115 42.6 32.1 48.1

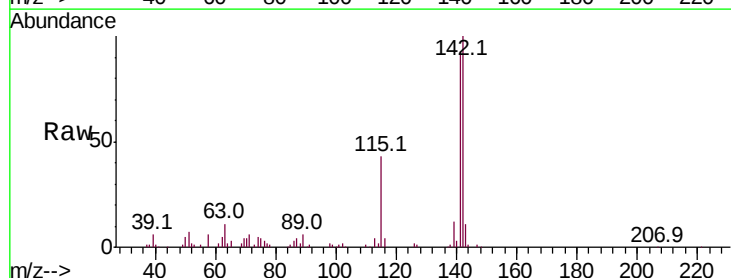


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

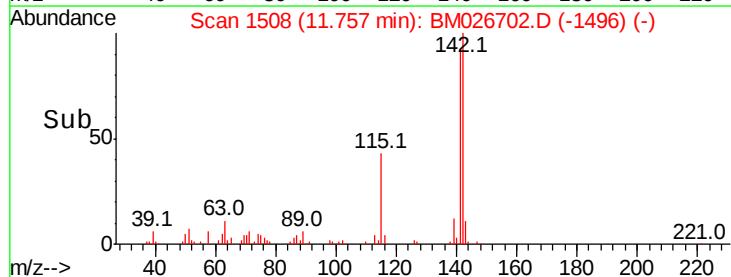
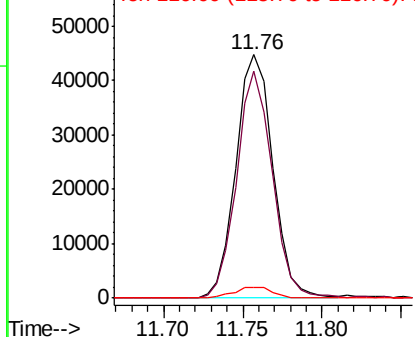


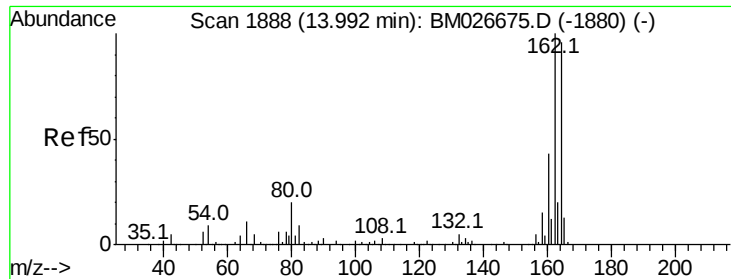
#38
1-Methylnaphthalene
Concen: 6.941 ng
RT: 11.76 min Scan# 1508
Delta R.T. -0.23 min
Lab File: BM026702.D
Acq: 08 Jul 2020 11:54

Tgt Ion:142 Resp: 72692
Ion Ratio Lower Upper
142 100
141 93.1 75.0 112.6
116 4.4 3.5 5.3



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: 13.99 min Scan# 1887

Delta R.T. -0.01 min

Lab File: BM026702.D

Acq: 08 Jul 2020 11:54

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2020

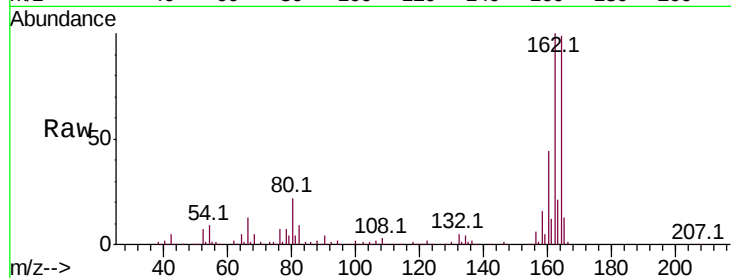
Tot Ion:164 Resp: 188631

Ion Ratio Lower Upper

164 100

162 101.1 83.7 125.5

160 44.4 36.2 54.2

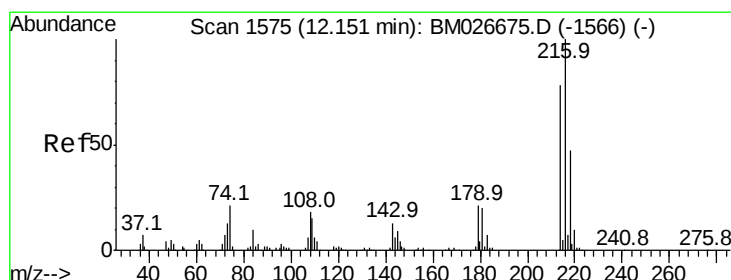
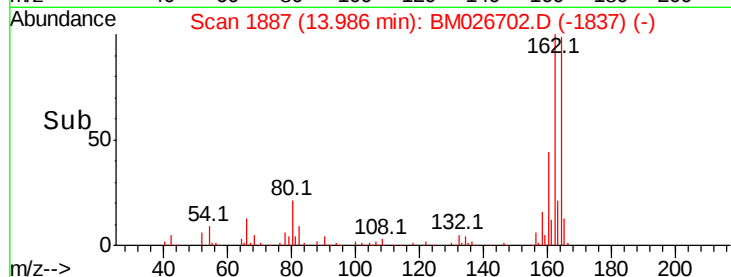
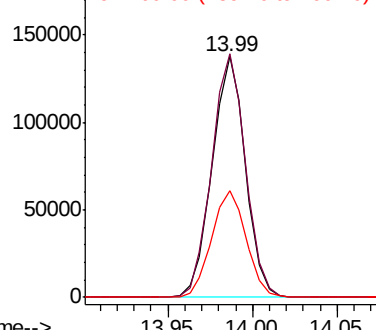


Abundance

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: 6.726 ng

RT: 12.15 min Scan# 1574

Delta R.T. 0.00 min

Lab File: BM026702.D

Acq: 08 Jul 2020 11:54

Tgt Ion:216 Resp: 41013

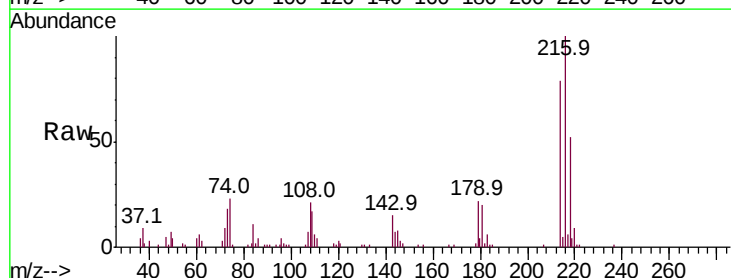
Ion Ratio Lower Upper

216 100

214 77.6 62.6 93.8

179 21.9 17.5 26.3

108 20.1 16.7 25.1



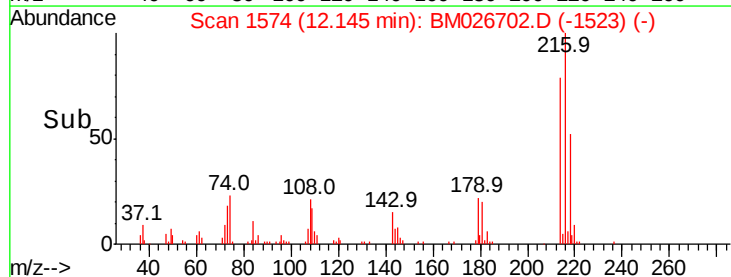
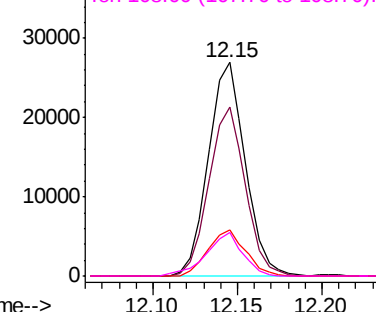
Abundance

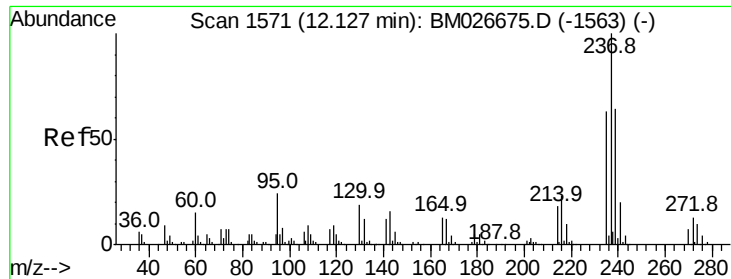
Ion 216.00 (215.70 to 216.70): E

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: 4.263 ng

RT: 12.12 min Scan# 1569

Delta R.T. -0.01 min

Lab File: BM026702.D

Acq: 08 Jul 2020 11:54

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2020

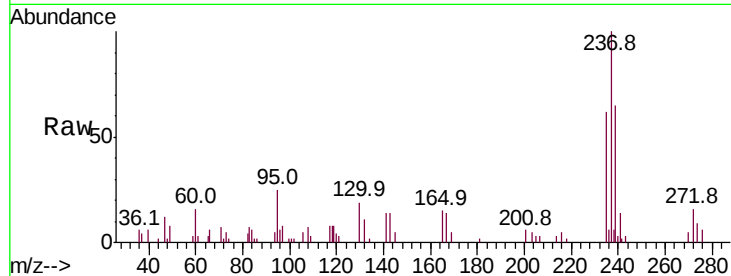
Tot Ion:237 Resp: 12405

Ion Ratio Lower Upper

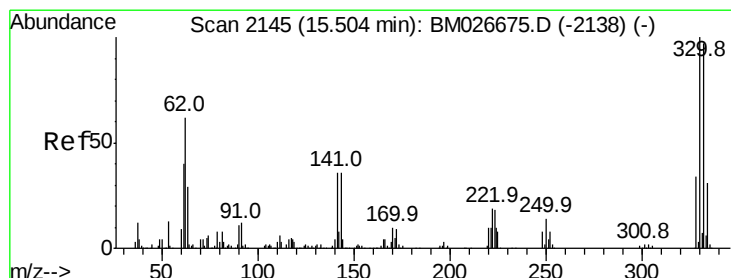
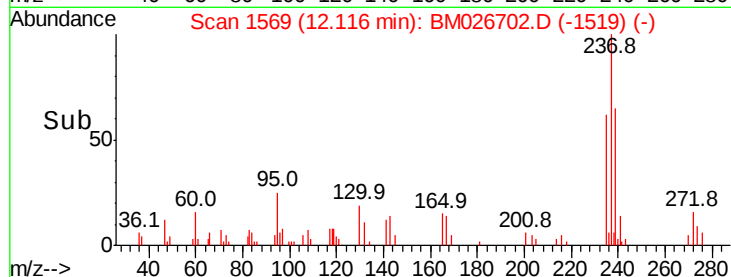
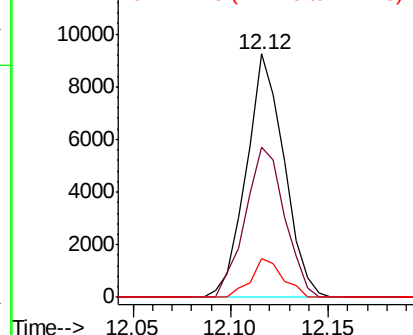
237 100

235 61.6 42.8 82.8

272 15.8 0.0 32.8



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: 98.848 ng

RT: 15.50 min Scan# 2144

Delta R.T. 0.00 min

Lab File: BM026702.D

Acq: 08 Jul 2020 11:54

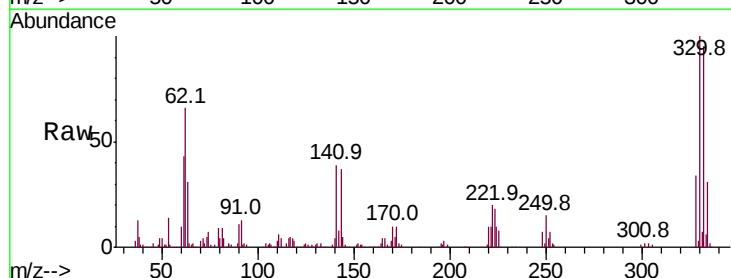
Tgt Ion:330 Resp: 271613

Ion Ratio Lower Upper

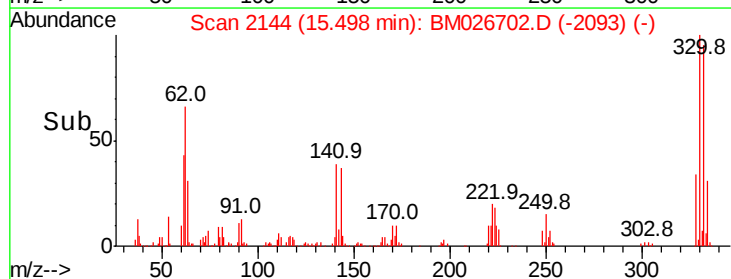
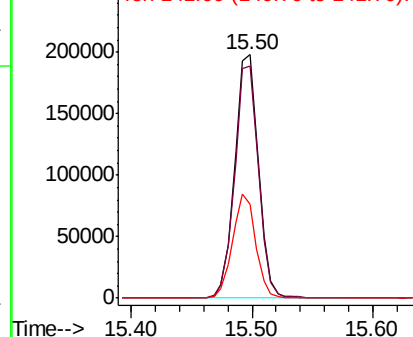
330 100

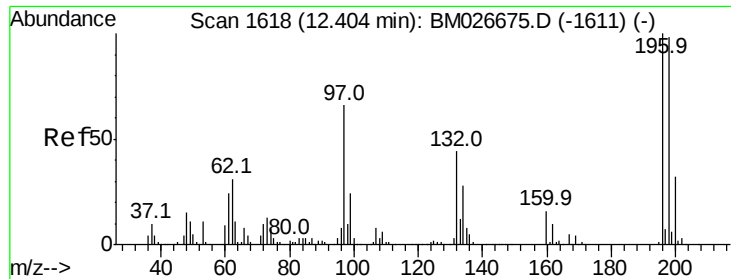
332 96.0 77.5 116.3

141 41.7 32.4 48.6



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

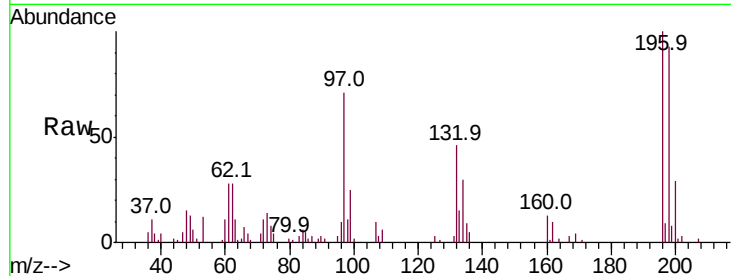




#43
 2,4,6-Trichlorophenol
 Concen: 5.598 ng
 RT: 12.40 min Scan# 1618
 Delta R.T. 0.00 min
 Lab File: BM026702.D
 Acq: 08 Jul 2020 11:54

Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2020

Tot Ion:196 Resp: 22363
 Ion Ratio Lower Upper
 196 100
 198 93.2 78.6 118.0
 200 28.9 25.3 37.9

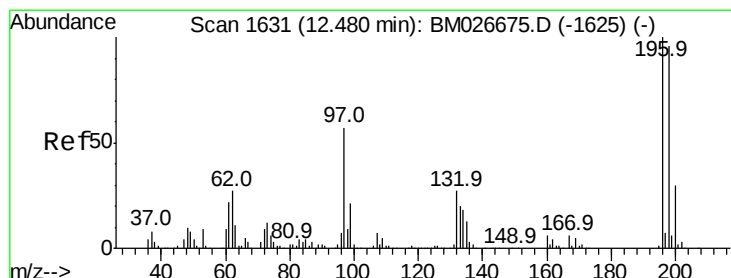
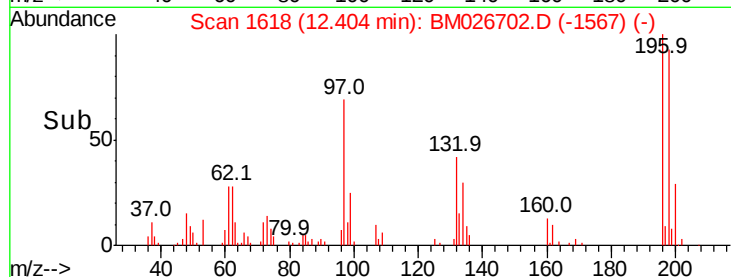
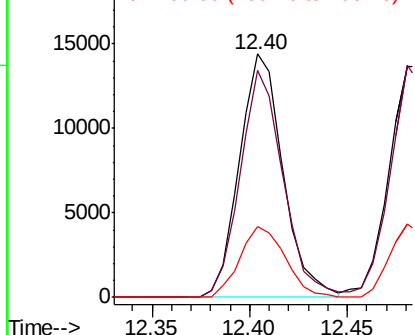


Abundance

Ion 196.00 (195.70 to 196.70): E

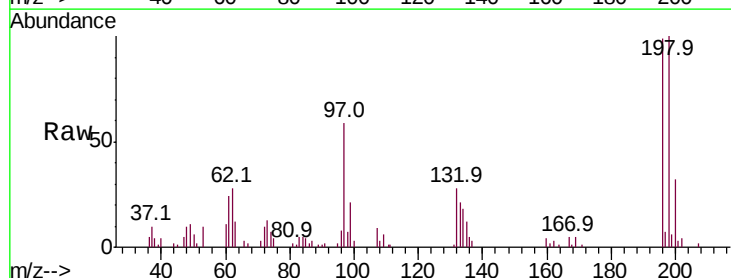
Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 5.309 ng
 RT: 12.48 min Scan# 1631
 Delta R.T. 0.01 min
 Lab File: BM026702.D
 Acq: 08 Jul 2020 11:54

Tgt Ion:196 Resp: 24918
 Ion Ratio Lower Upper
 196 100
 198 100.6 77.0 115.6
 97 59.2 45.7 68.5
 132 28.4 21.8 32.6



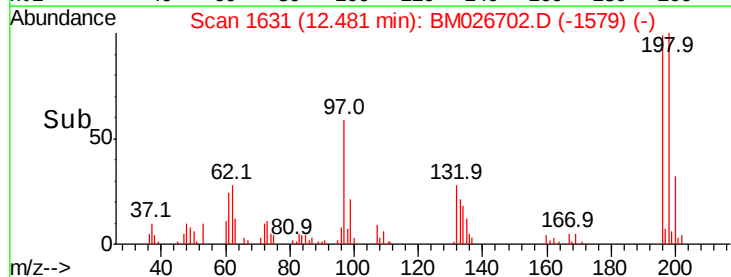
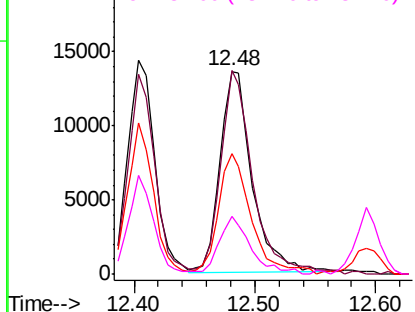
Abundance

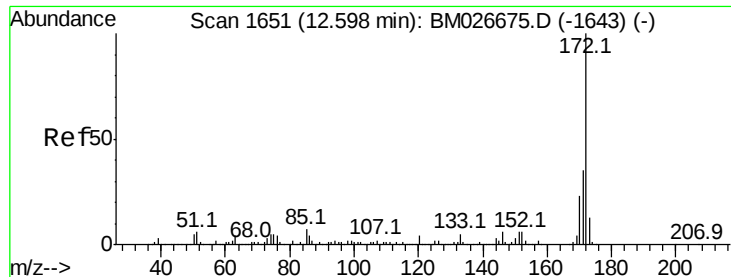
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BM0

Ion 132.00 (131.70 to 132.70): E

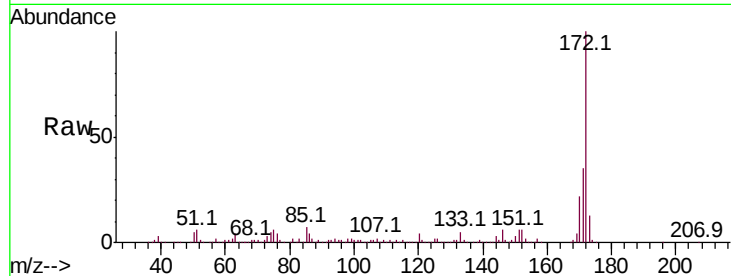




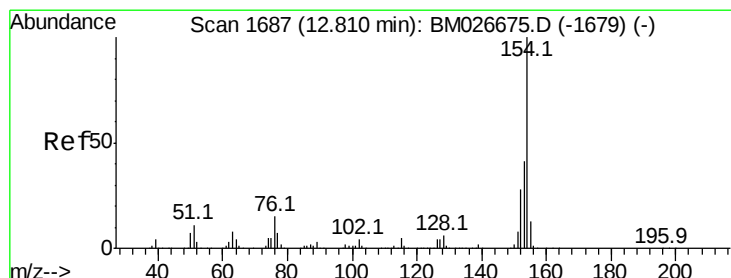
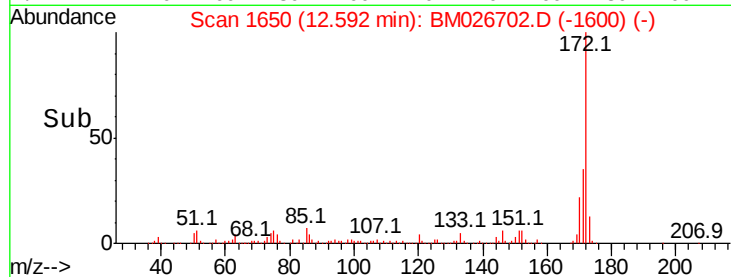
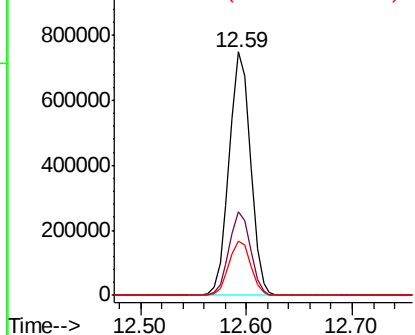
#45
2-Fluorobiphenyl
Concen: 73.654 ng
RT: 12.59 min Scan# 1650
Delta R.T. -0.01 min
Lab File: BM026702.D
Acq: 08 Jul 2020 11:54

Instrument :
BNA_M
ClientSampleID :
LOD-MDL-SOIL-01-QT3-2020

Tot Ion:172 Resp: 1044904
Ion Ratio Lower Upper
172 100
171 34.5 27.8 41.6
170 22.3 18.5 27.7

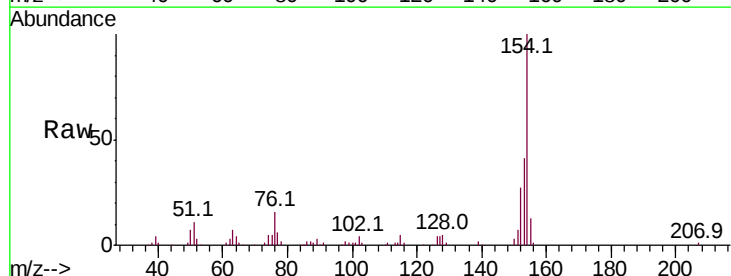


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

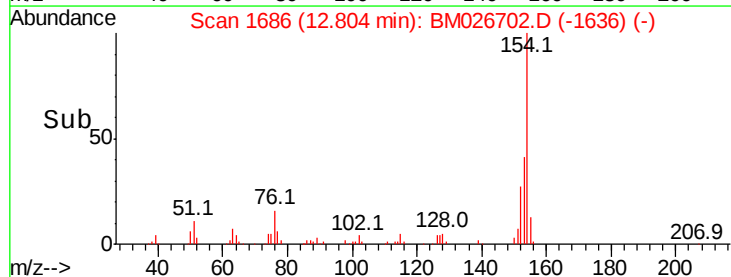
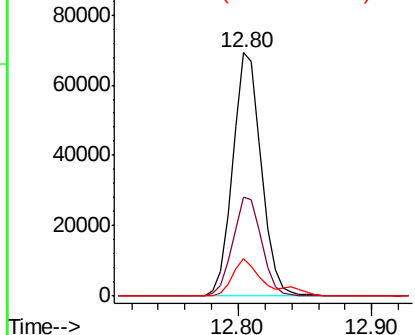


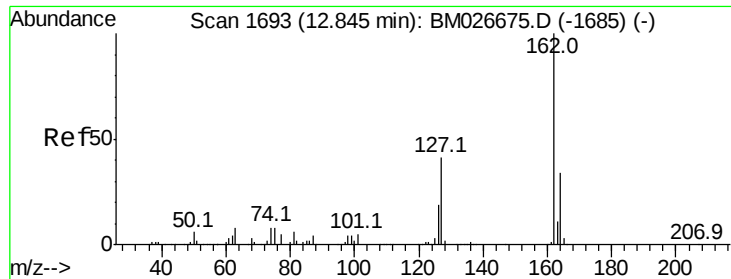
#46
1,1'-Biphenyl
Concen: 6.903 ng
RT: 12.80 min Scan# 1686
Delta R.T. -0.01 min
Lab File: BM026702.D
Acq: 08 Jul 2020 11:54

Tgt Ion:154 Resp: 102857
Ion Ratio Lower Upper
154 100
153 40.7 20.9 60.9
76 15.6 0.0 35.2



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BM





#47

2-Chloronaphthalene

Concen: 6.285 ng

RT: 12.84 min Scan# 1692

Delta R.T. -0.01 min

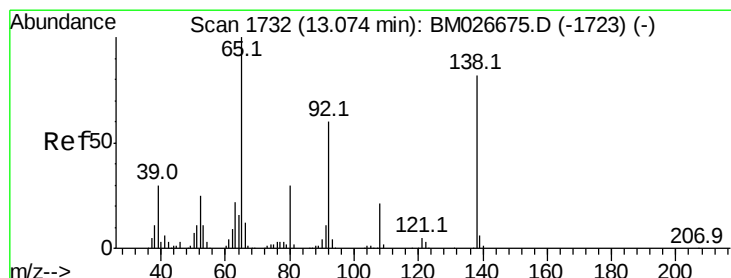
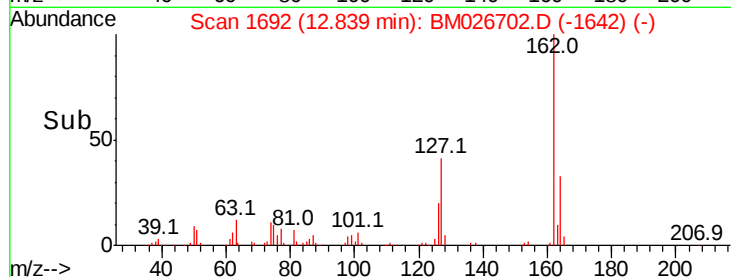
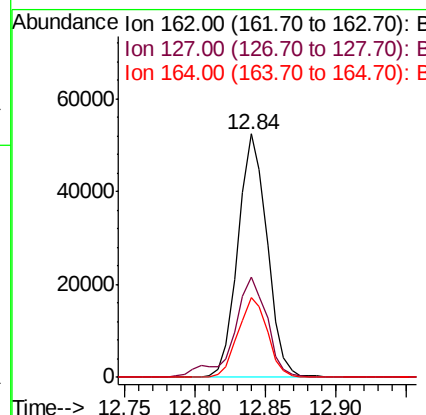
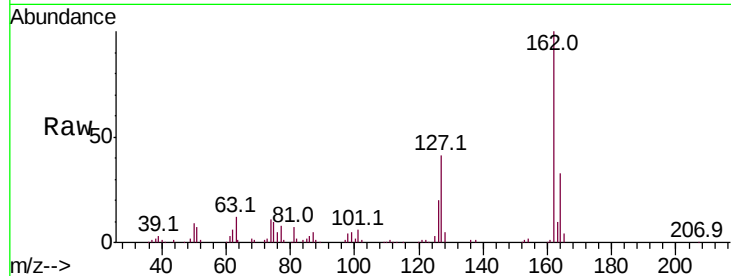
Lab File: BM026702.D

Acq: 08 Jul 2020 11:54

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2020

Tot Ion:162 Resp: 75649

Ion	Ratio	Lower	Upper
162	100		
127	41.3	34.0	51.0
164	32.9	26.9	40.3



#48

2-Nitroaniline

Concen: 5.358 ng

RT: 13.07 min Scan# 1732

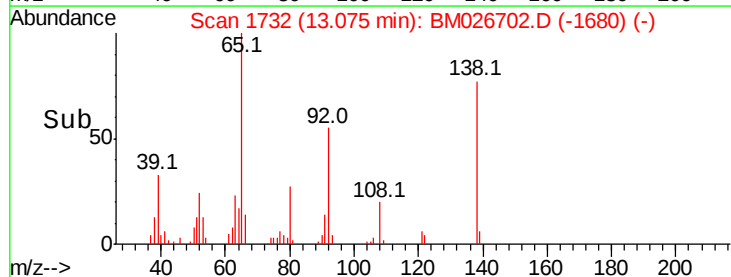
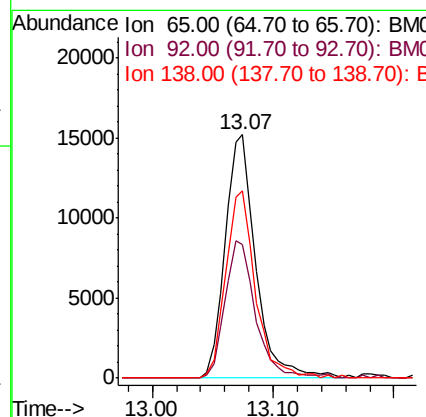
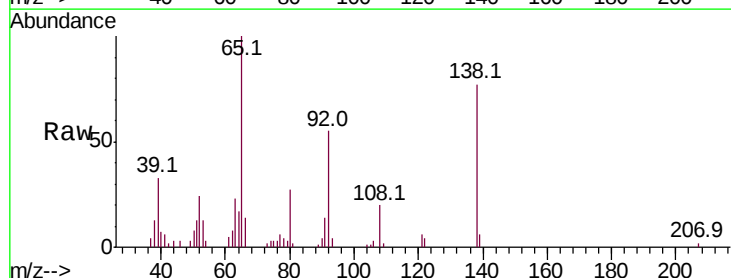
Delta R.T. 0.01 min

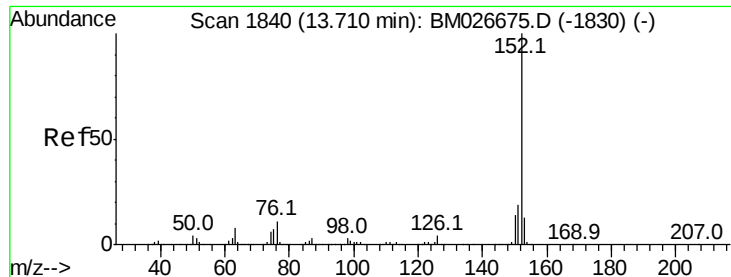
Lab File: BM026702.D

Acq: 08 Jul 2020 11:54

Tgt Ion: 65 Resp: 26540

Ion	Ratio	Lower	Upper
65	100		
92	55.0	47.8	71.8
138	77.1	65.6	98.4





#49

Acenaphthylene

Concen: 6.320 ng

RT: 13.70 min Scan# 1839

Delta R.T. 0.00 min

Lab File: BM026702.D

Acq: 08 Jul 2020 11:54

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2020

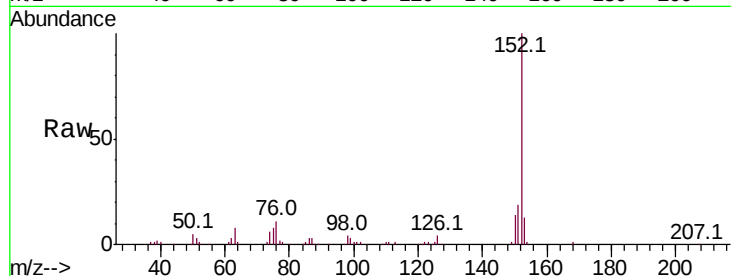
Tot Ion:152 Resp: 121610

Ion Ratio Lower Upper

152 100

151 19.3 15.6 23.4

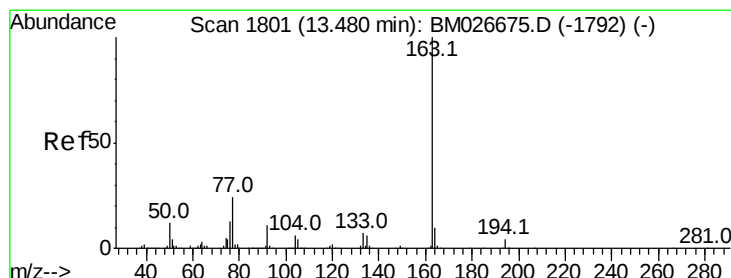
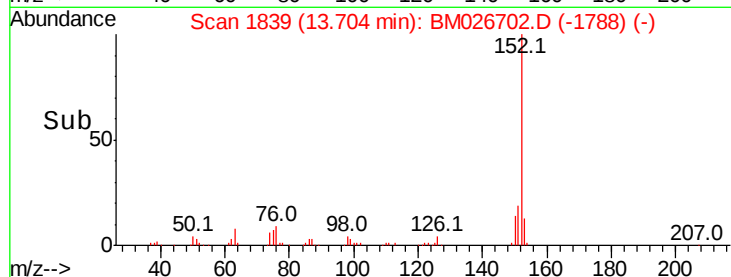
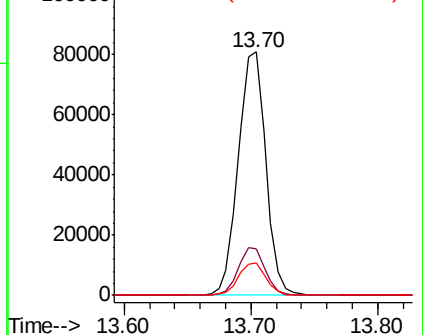
153 13.4 10.4 15.6



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: 6.357 ng

RT: 13.46 min Scan# 1798

Delta R.T. -0.01 min

Lab File: BM026702.D

Acq: 08 Jul 2020 11:54

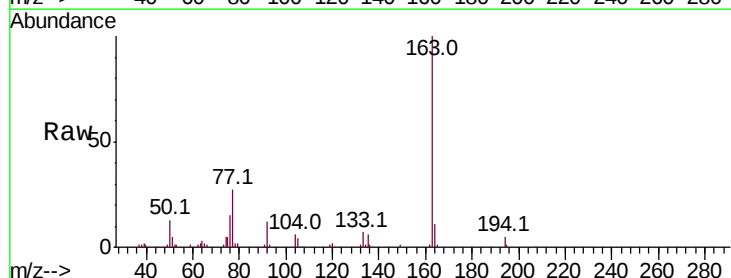
Tgt Ion:163 Resp: 102561

Ion Ratio Lower Upper

163 100

194 4.6 3.4 5.2

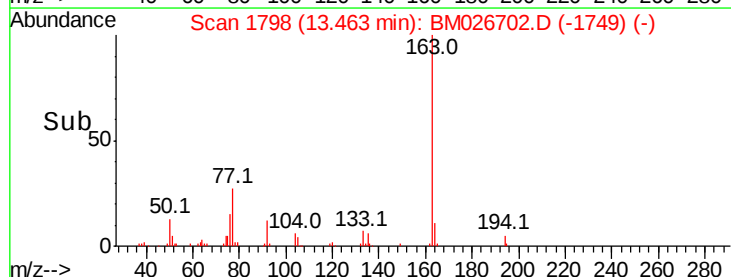
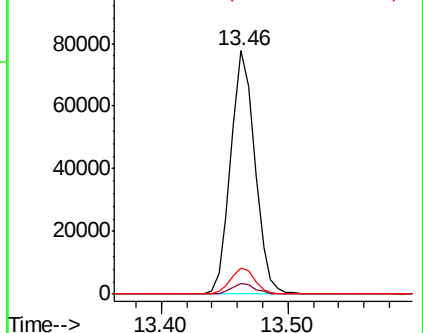
164 10.7 7.8 11.6

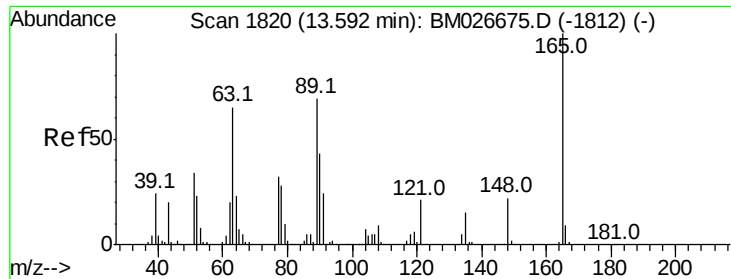


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

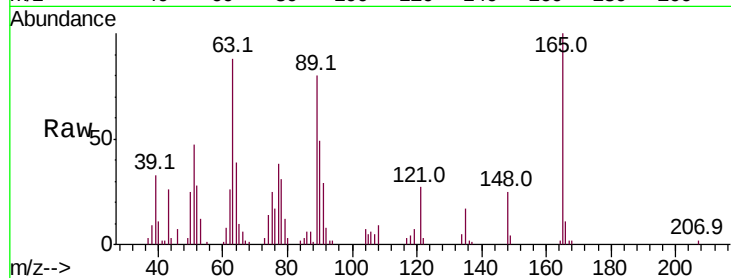




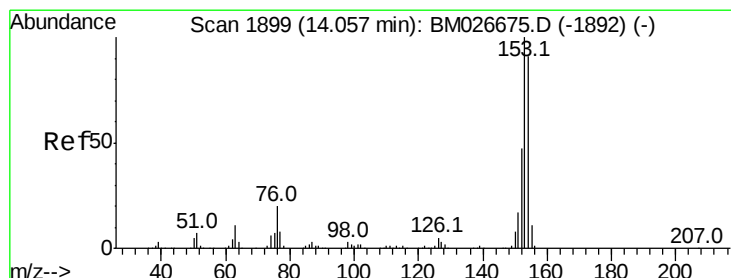
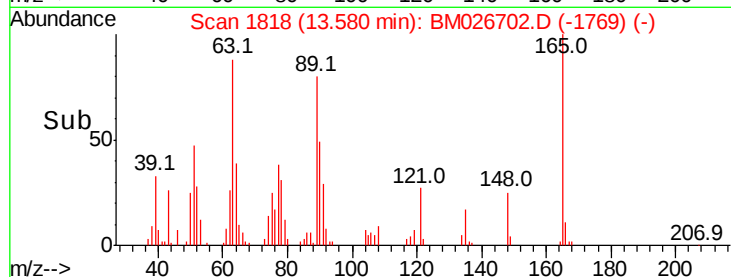
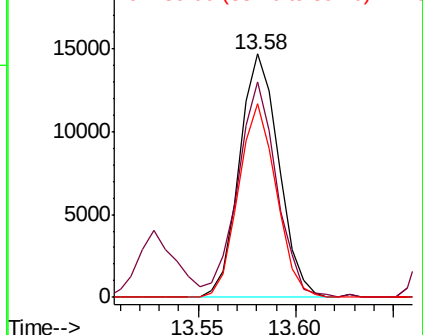
#51
2,6-Dinitrotoluene
Concen: 5.940 ng
RT: 13.58 min Scan# 1818
Delta R.T. -0.01 min
Lab File: BM026702.D
Acq: 08 Jul 2020 11:54

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2020

Tot Ion:165 Resp: 20524
Ion Ratio Lower Upper
165 100
63 88.5 61.1 91.7
89 79.5 54.9 82.3

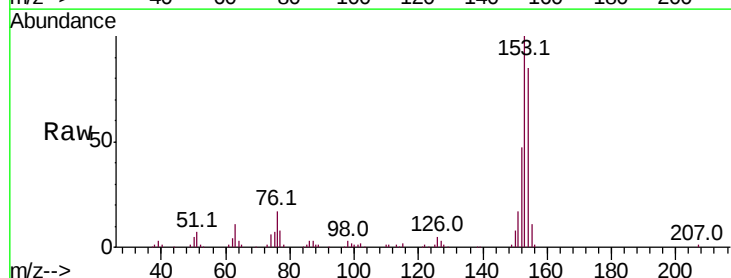


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BM
Ion 89.00 (88.70 to 89.70): BM

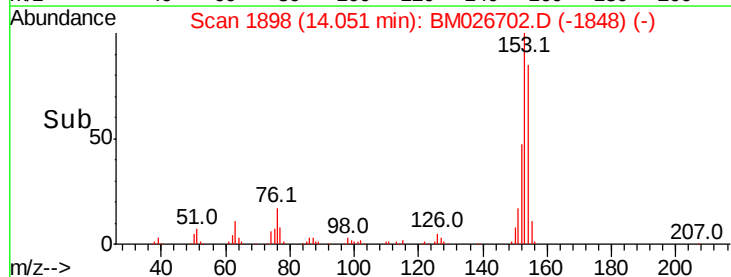
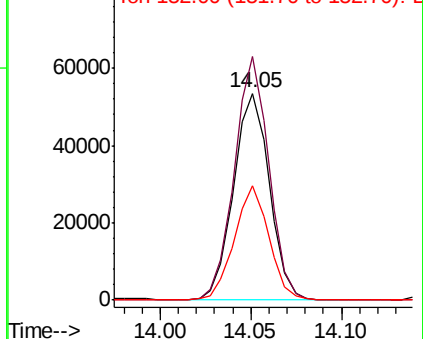


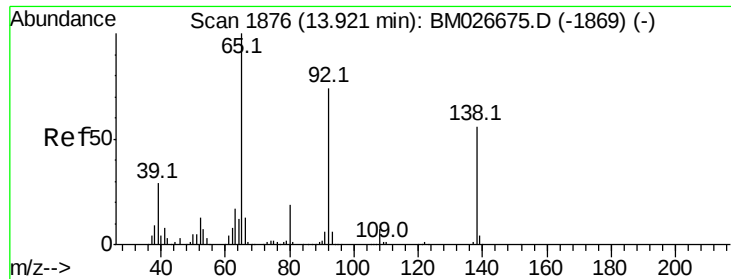
#52
Acenaphthene
Concen: 6.314 ng
RT: 14.05 min Scan# 1898
Delta R.T. -0.01 min
Lab File: BM026702.D
Acq: 08 Jul 2020 11:54

Tgt Ion:154 Resp: 73837
Ion Ratio Lower Upper
154 100
153 117.6 88.3 132.5
152 55.3 41.1 61.7



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

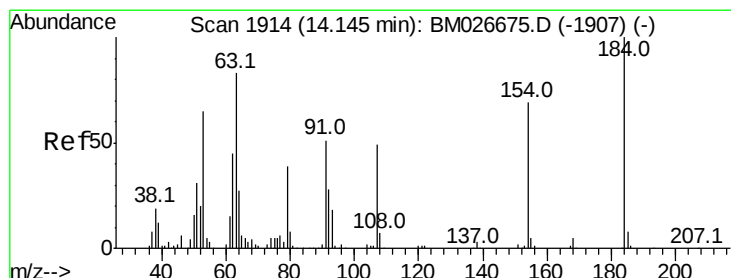
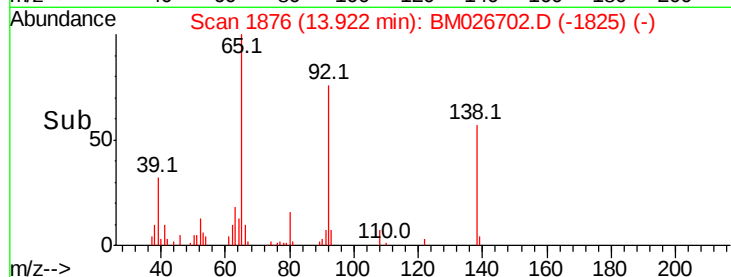
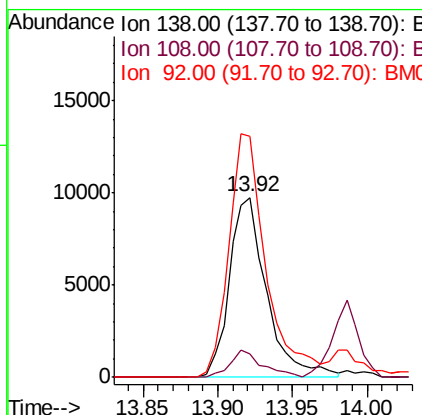
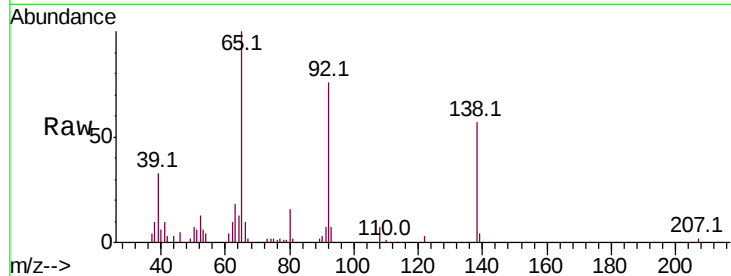




#53
3-Nitroaniline
Concen: 4.728 ng
RT: 13.92 min Scan# 1876
Delta R.T. 0.00 min
Lab File: BM026702.D
Acq: 08 Jul 2020 11:54

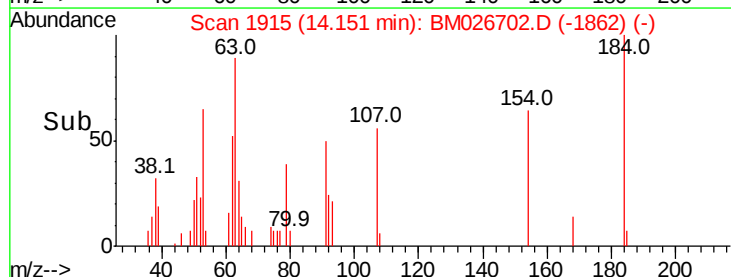
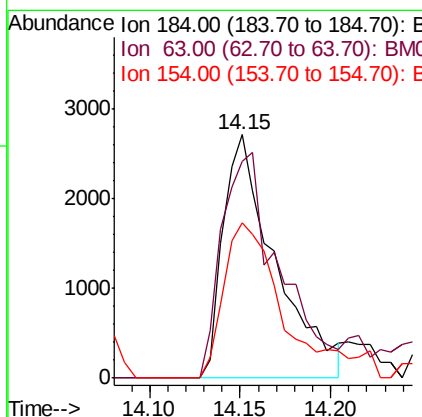
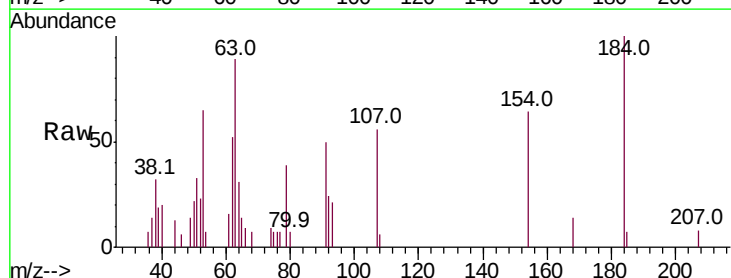
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2020

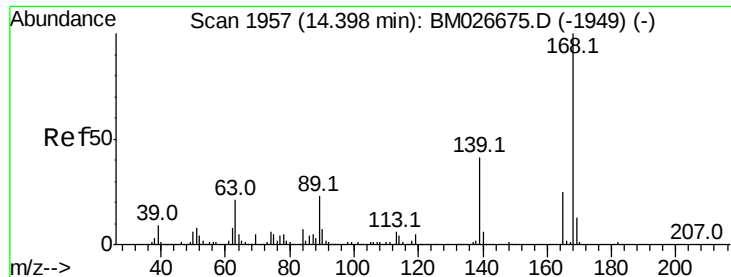
Tot Ion:138 Resp: 16994
Ion Ratio Lower Upper
138 100
108 12.7 9.7 14.5
92 134.4 105.6 158.4



#54
2,4-Dinitrophenol
Concen: 2.675 ng
RT: 14.15 min Scan# 1915
Delta R.T. 0.01 min
Lab File: BM026702.D
Acq: 08 Jul 2020 11:54

Tgt Ion:184 Resp: 5410
Ion Ratio Lower Upper
184 100
63 89.3 66.2 99.4
154 63.6 55.2 82.8





#55

Dibenzofuran

Concen: 6.508 ng

RT: 14.39 min Scan# 1956

Delta R.T. -0.01 min

Lab File: BM026702.D

Acq: 08 Jul 2020 11:54

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2020

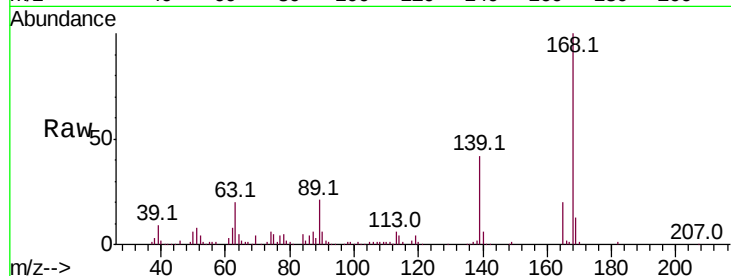
Tot Ion:168 Resp: 124782

Ion Ratio Lower Upper

168 100

139 41.9 32.6 48.8

169 12.6 10.5 15.7

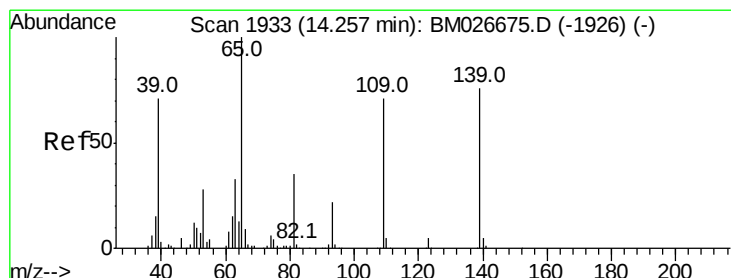
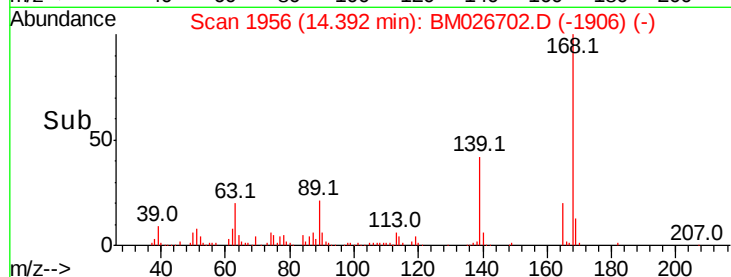
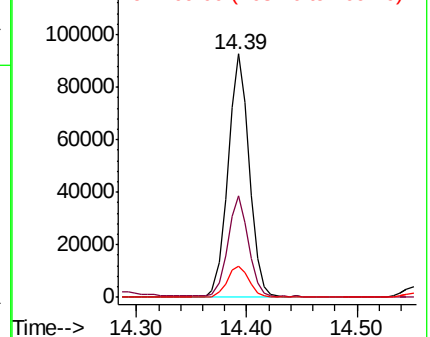


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 4.110 ng

RT: 14.27 min Scan# 1935

Delta R.T. 0.01 min

Lab File: BM026702.D

Acq: 08 Jul 2020 11:54

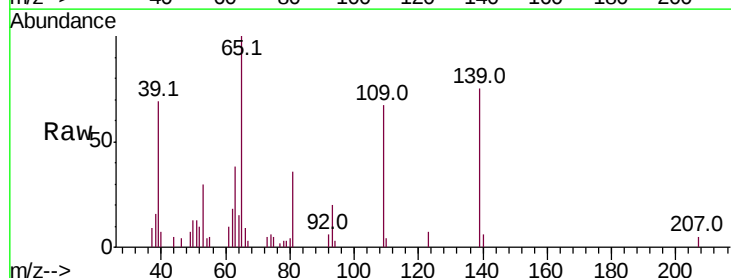
Tgt Ion:139 Resp: 11592

Ion Ratio Lower Upper

139 100

109 88.8 73.7 113.7

65 132.5 111.5 151.5

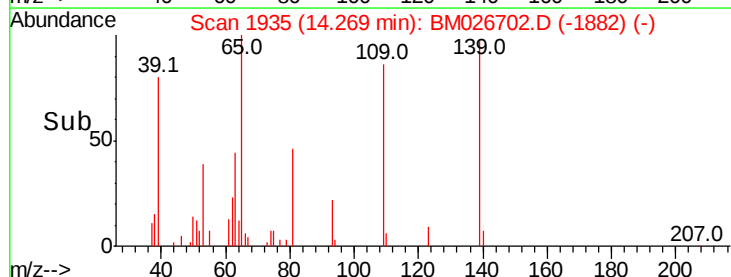
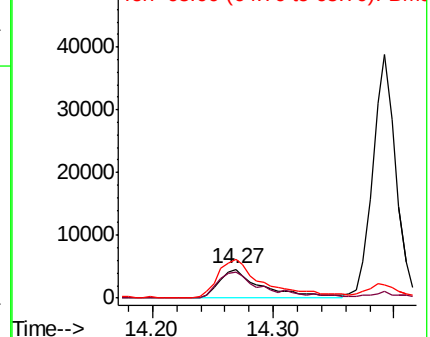


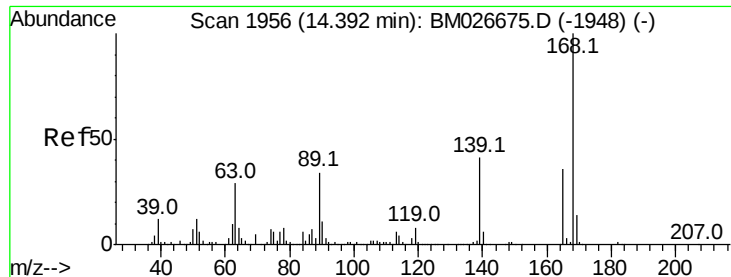
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E

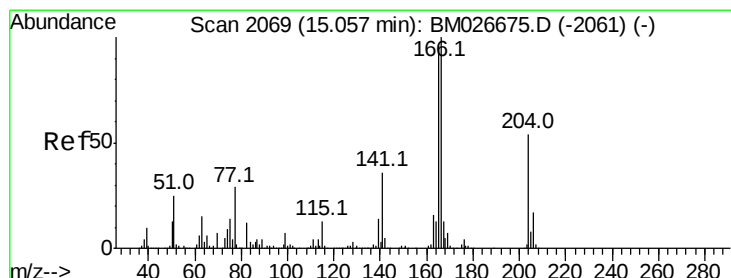
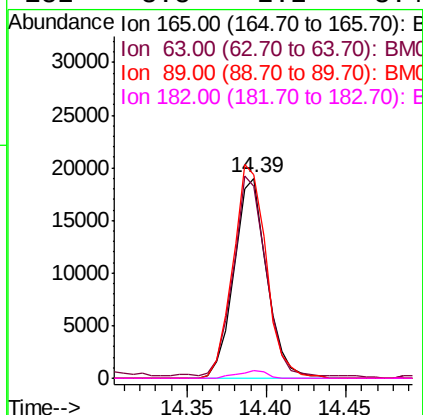
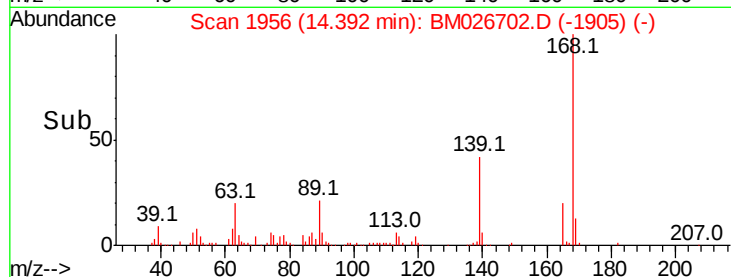
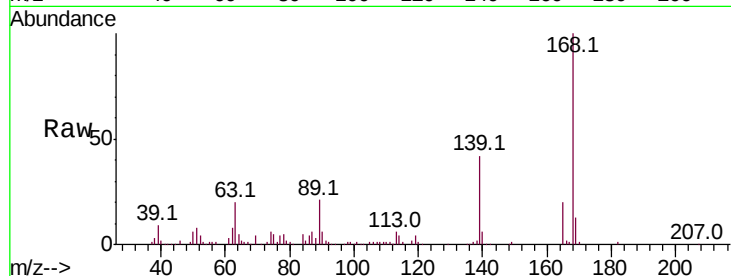




#57
2,4-Dinitrotoluene
Concen: 5.471 ng
RT: 14.39 min Scan# 1956
Delta R.T. 0.00 min
Lab File: BM026702.D
Acq: 08 Jul 2020 11:54

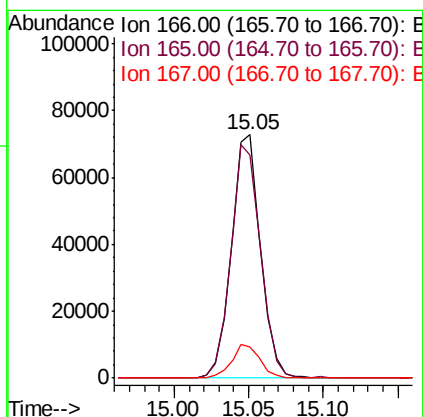
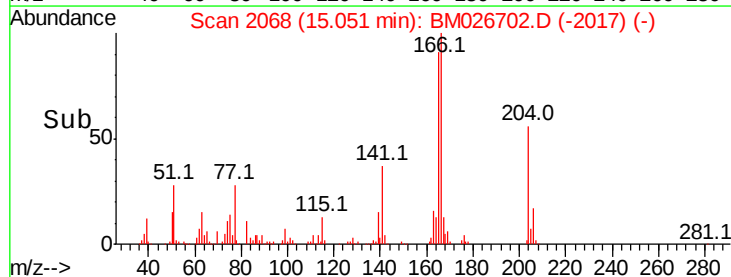
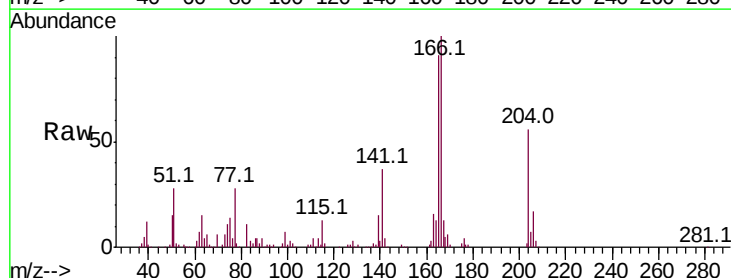
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2020

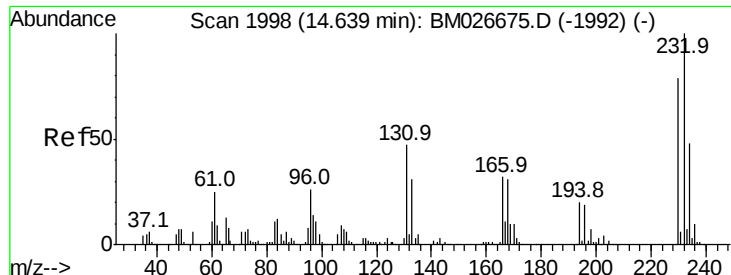
Tot Ion:165 Resp: 27283
Ion Ratio Lower Upper
165 100
63 96.1 64.6 97.0
89 102.1 75.4 113.2
182 3.8 2.2 3.4#



#58
Fluorene
Concen: 6.224 ng
RT: 15.05 min Scan# 2068
Delta R.T. 0.00 min
Lab File: BM026702.D
Acq: 08 Jul 2020 11:54

Tgt Ion:166 Resp: 98814
Ion Ratio Lower Upper
166 100
165 91.4 77.1 115.7
167 12.9 10.8 16.2

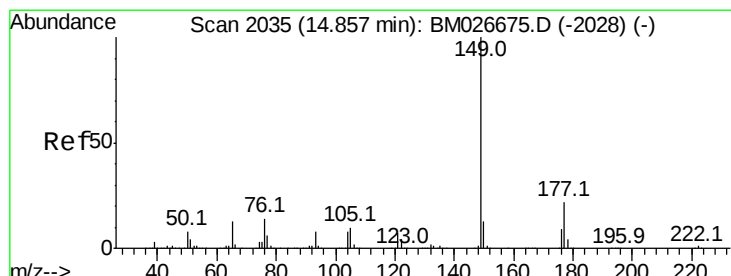
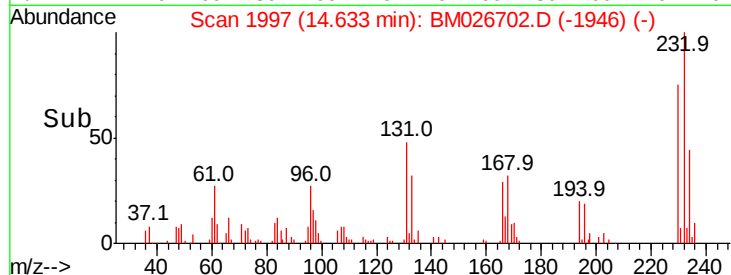
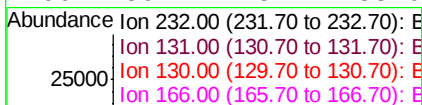
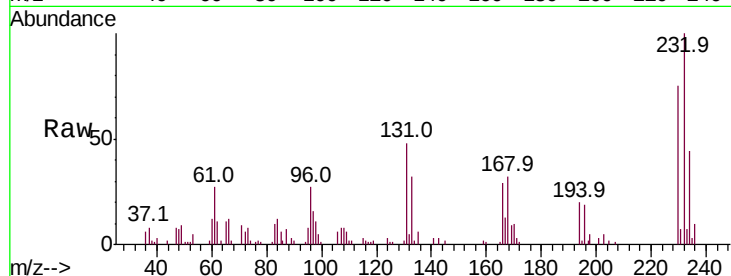




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 6.181 ng
 RT: 14.63 min Scan# 1997
 Delta R.T. 0.00 min
 Lab File: BM026702.D
 Acq: 08 Jul 2020 11:54

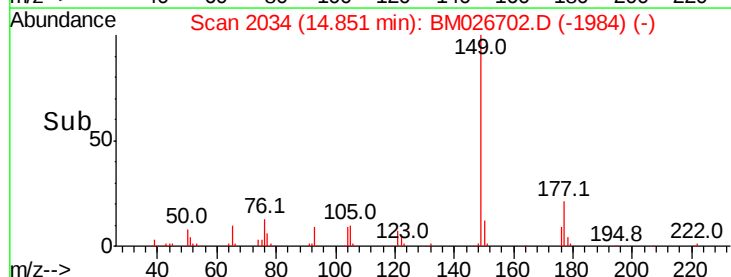
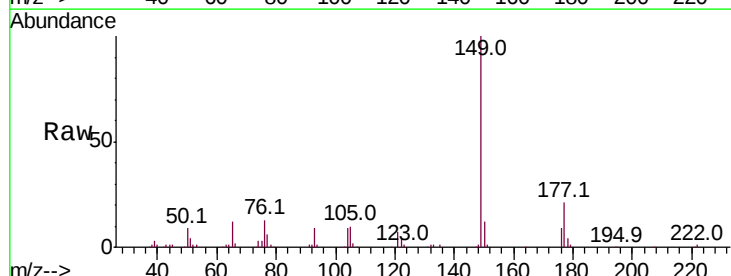
Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2020

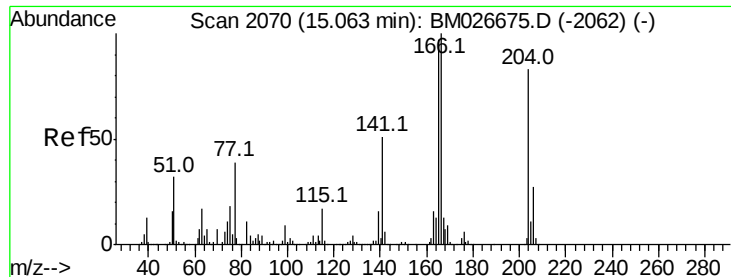
Tot Ion:	232	Resp:	25339
Ion	Ratio	Lower	Upper
232	100		
131	47.3	38.4	57.6
130	2.6	2.2	3.2
166	30.7	25.4	38.0



#60
 Diethylphthalate
 Concen: 6.373 ng
 RT: 14.85 min Scan# 2034
 Delta R.T. -0.01 min
 Lab File: BM026702.D
 Acq: 08 Jul 2020 11:54

Tgt Ion:	149	Resp:	108720
Ion	Ratio	Lower	Upper
149	100		
177	20.7	17.8	26.6
150	12.0	10.2	15.4

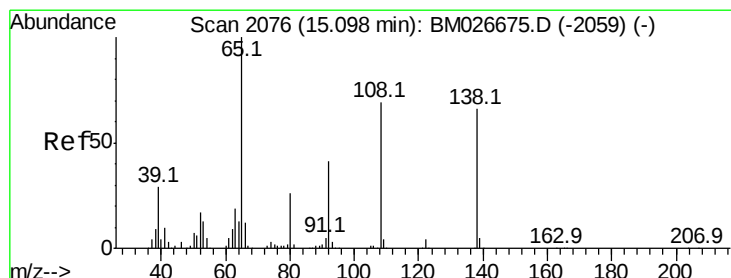
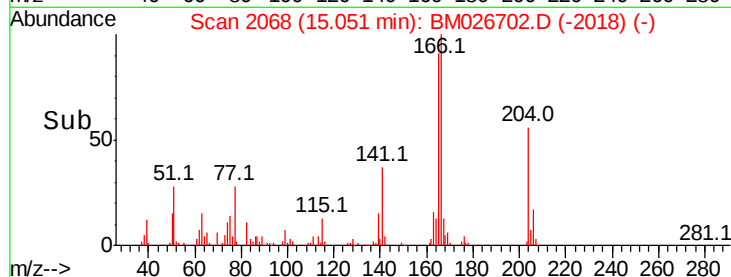
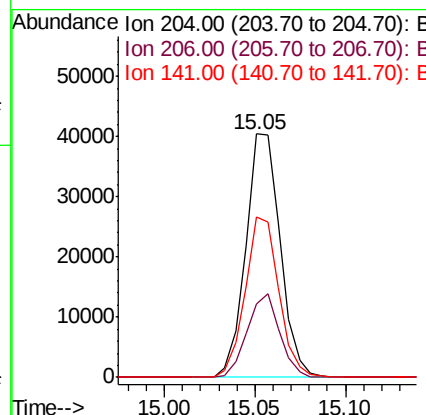
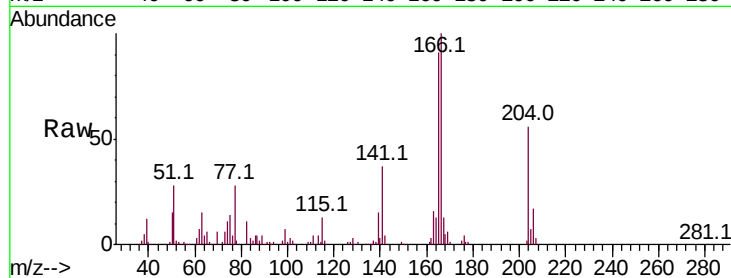




#61
4-Chlorophenyl-phenylether
Concen: 6.202 ng
RT: 15.05 min Scan# 2068
Delta R.T. -0.01 min
Lab File: BM026702.D
Acq: 08 Jul 2020 11:54

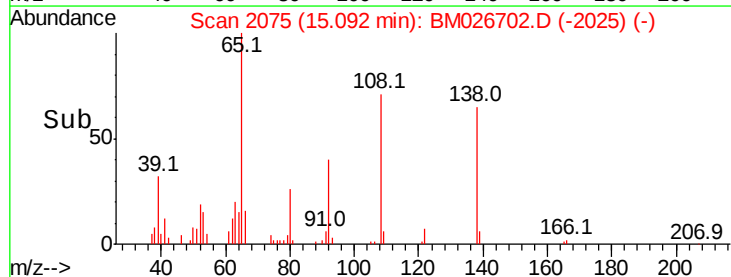
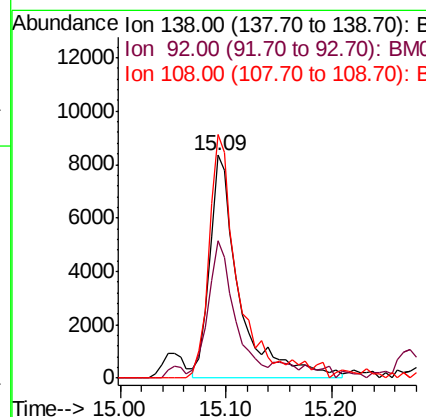
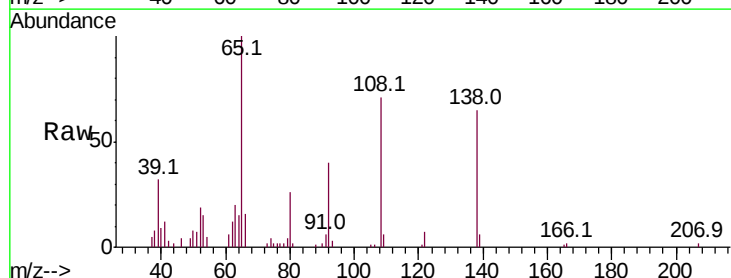
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2020

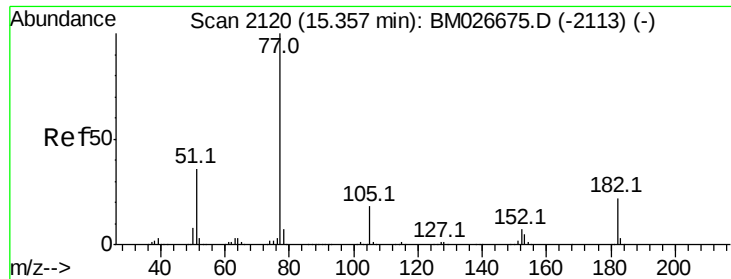
Tot Ion:204 Resp: 53347
Ion Ratio Lower Upper
204 100
206 30.4 25.9 38.9
141 65.9 49.5 74.3



#62
4-Nitroaniline
Concen: 4.354 ng
RT: 15.09 min Scan# 2075
Delta R.T. -0.01 min
Lab File: BM026702.D
Acq: 08 Jul 2020 11:54

Tgt Ion:138 Resp: 16334
Ion Ratio Lower Upper
138 100
92 61.6 41.5 81.5
108 109.3 84.8 124.8

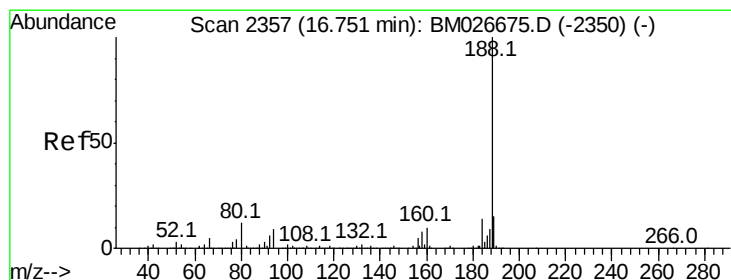
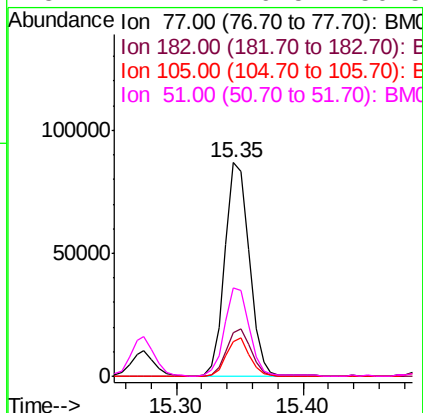
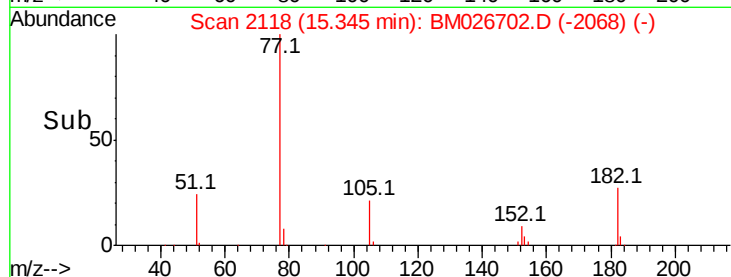
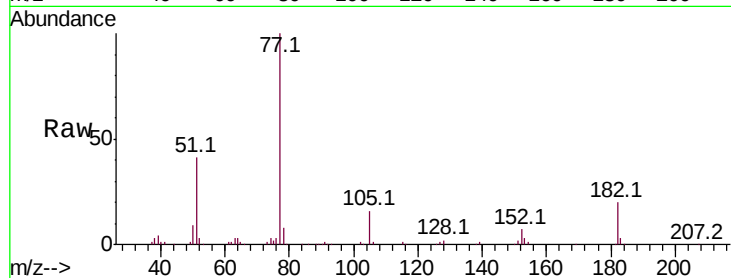




#63
Azobenzene
Concen: 6.211 ng
RT: 15.35 min Scan# 2118
Delta R.T. -0.01 min
Lab File: BM026702.D
Acq: 08 Jul 2020 11:54

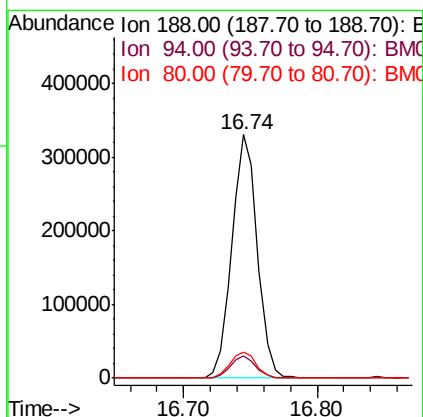
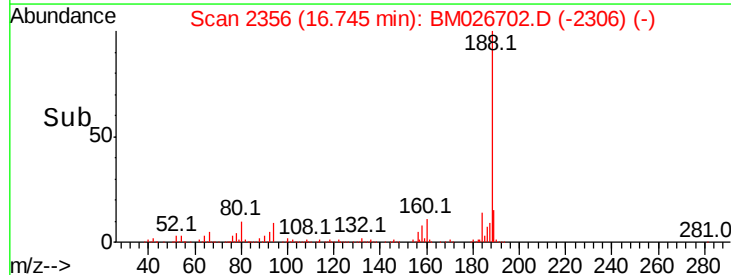
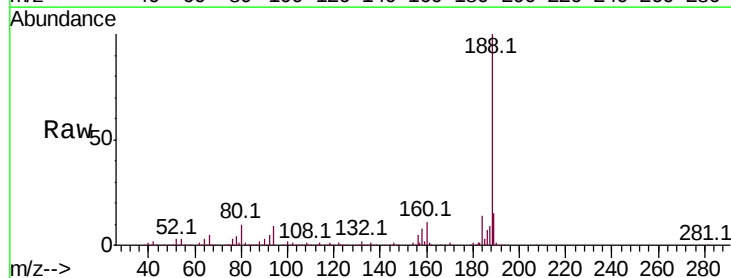
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2020

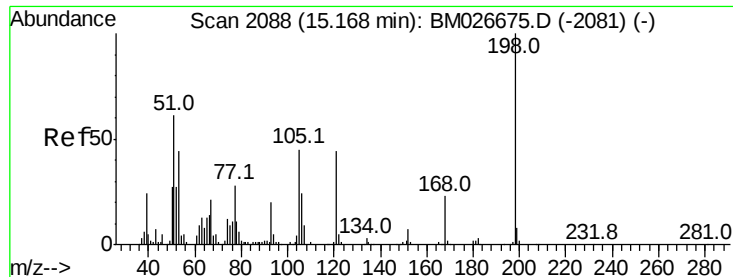
Tot Ion: 77 Resp: 116391
Ion Ratio Lower Upper
77 100
182 20.3 1.6 41.6
105 16.1 0.0 37.8
51 41.2 16.5 56.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.74 min Scan# 2356
Delta R.T. -0.01 min
Lab File: BM026702.D
Acq: 08 Jul 2020 11:54

Tgt Ion: 188 Resp: 438190
Ion Ratio Lower Upper
188 100
94 9.0 7.4 11.0
80 10.5 9.3 13.9

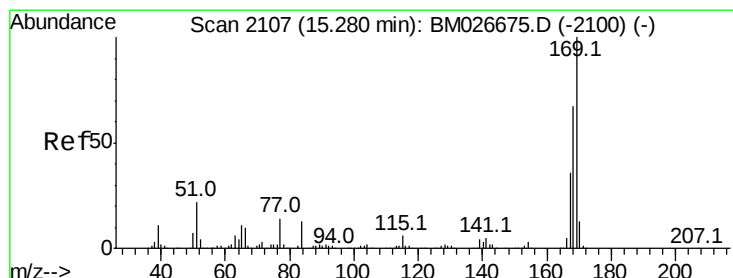
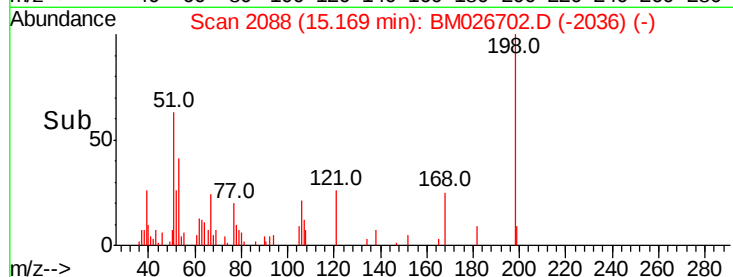
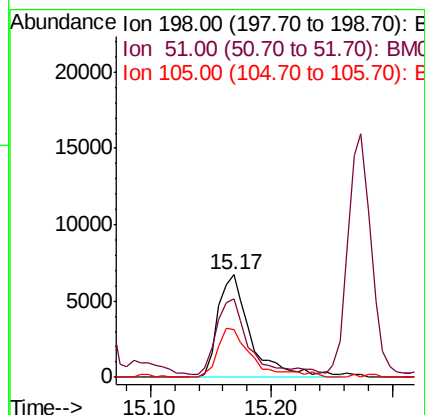
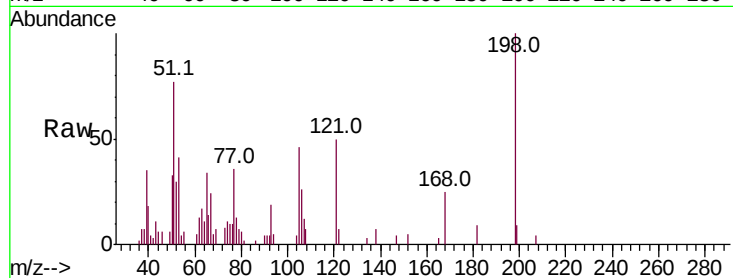




#65
4,6-Dinitro-2-methylphenol
Concen: 4.246 ng
RT: 15.17 min Scan# 2088
Delta R.T. 0.01 min
Lab File: BM026702.D
Acq: 08 Jul 2020 11:54

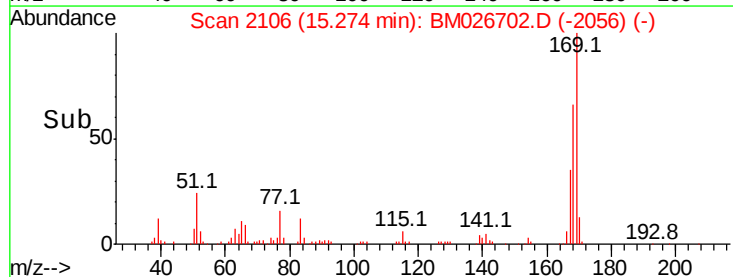
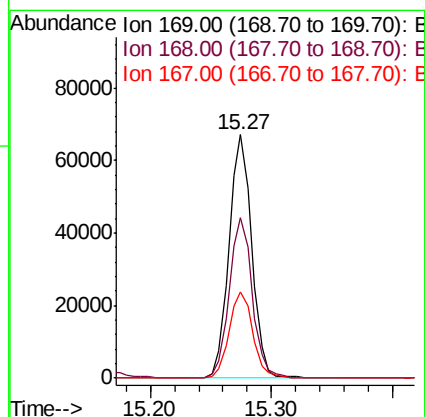
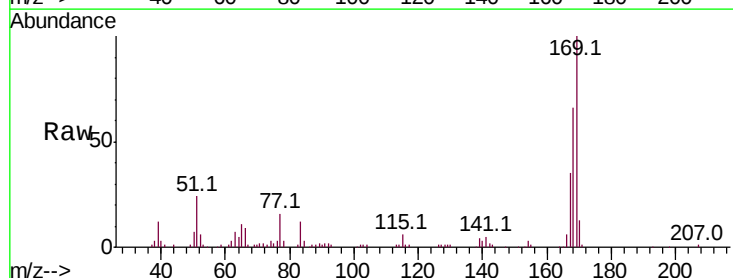
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2020

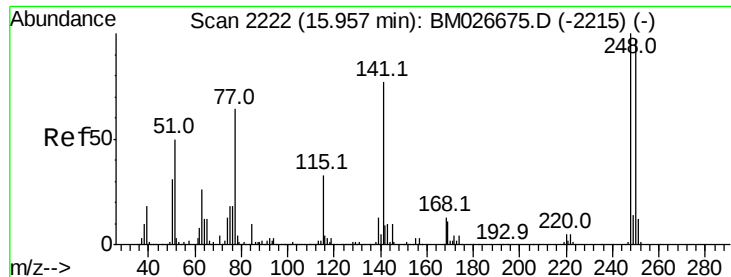
Tot Ion:198 Resp: 12649
Ion Ratio Lower Upper
198 100
51 76.6 42.0 82.0
105 46.3 24.9 64.9



#66
n-Nitrosodiphenylamine
Concen: 6.292 ng
RT: 15.27 min Scan# 2106
Delta R.T. -0.01 min
Lab File: BM026702.D
Acq: 08 Jul 2020 11:54

Tgt Ion:169 Resp: 87613
Ion Ratio Lower Upper
169 100
168 65.8 53.8 80.8
167 35.2 28.6 43.0

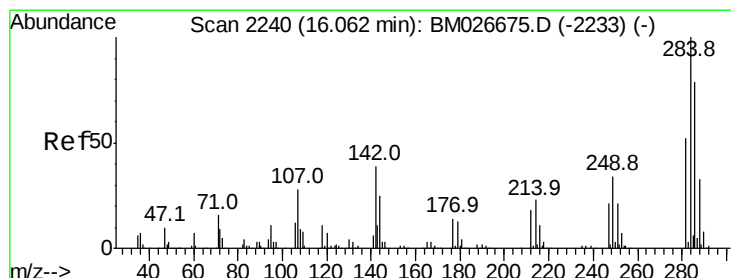
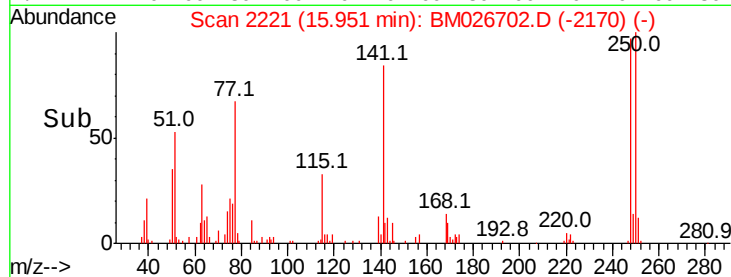
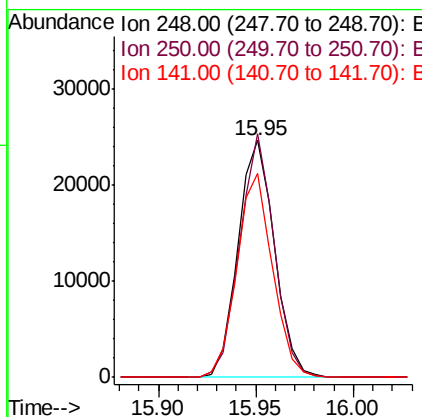
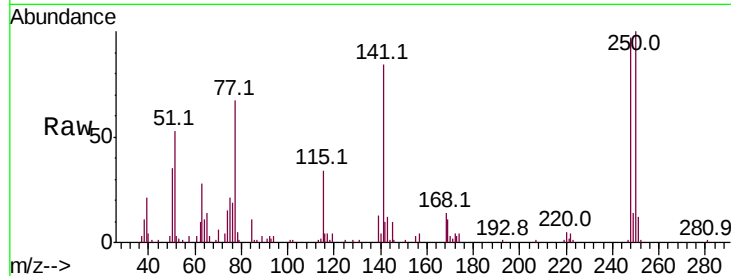




#67
4-Bromophenyl-phenylether
Concen: 5.848 ng
RT: 15.95 min Scan# 2221
Delta R.T. 0.00 min
Lab File: BM026702.D
Acq: 08 Jul 2020 11:54

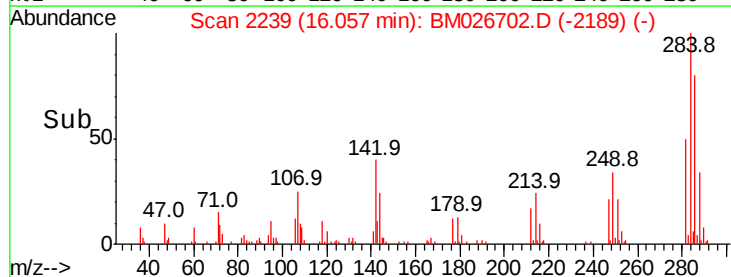
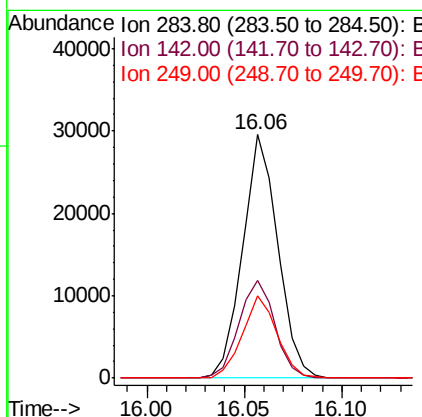
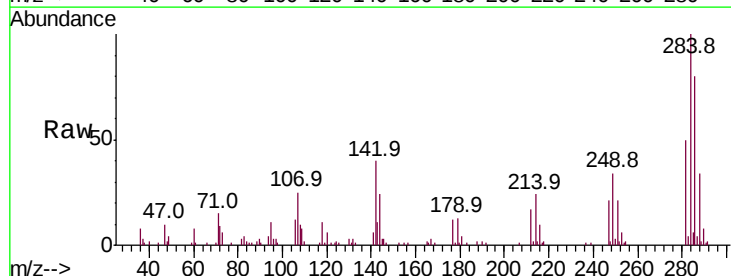
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2020

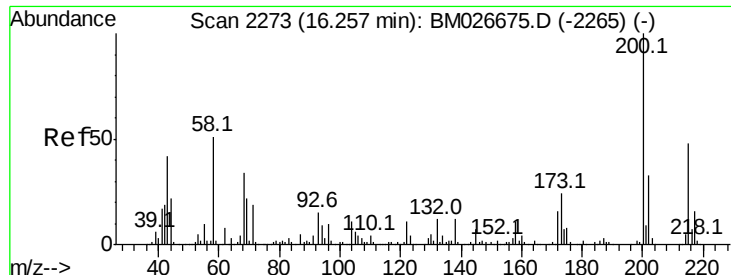
Tot Ion:248 Resp: 31895
Ion Ratio Lower Upper
248 100
250 102.7 77.4 116.2
141 86.1 61.9 92.9



#68
Hexachlorobenzene
Concen: 6.414 ng
RT: 16.06 min Scan# 2239
Delta R.T. -0.01 min
Lab File: BM026702.D
Acq: 08 Jul 2020 11:54

Tgt Ion:284 Resp: 36818
Ion Ratio Lower Upper
284 100
142 40.0 31.1 46.7
249 33.8 27.4 41.0

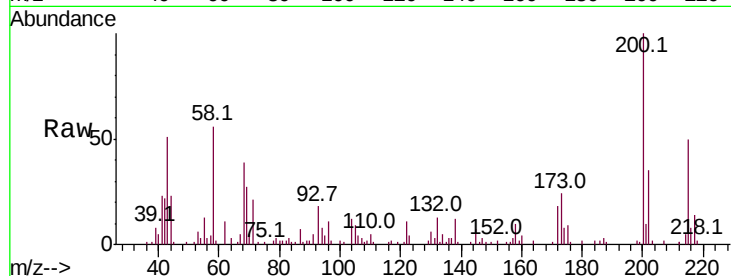




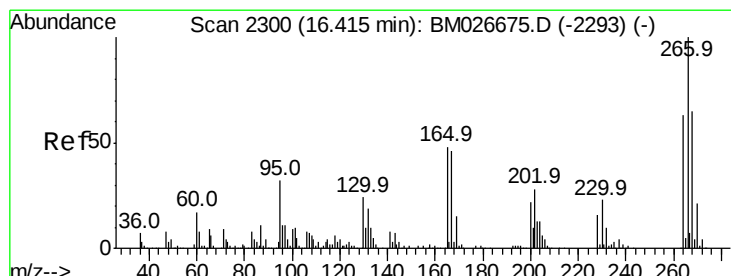
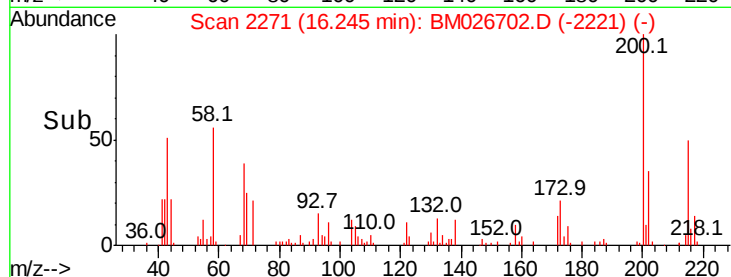
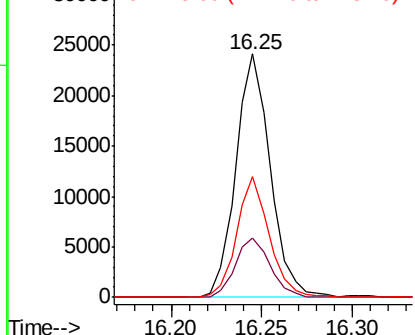
#69
Atrazine
Concen: 7.606 ng
RT: 16.25 min Scan# 2271
Delta R.T. -0.01 min
Lab File: BM026702.D
Acq: 08 Jul 2020 11:54

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2020

Tot Ion:200 Resp: 31847
Ion Ratio Lower Upper
200 100
173 24.2 4.5 44.5
215 49.7 28.4 68.4

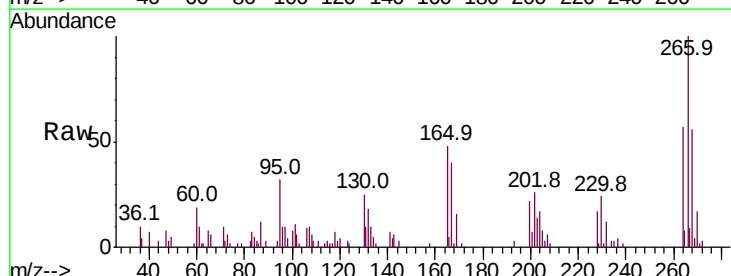


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

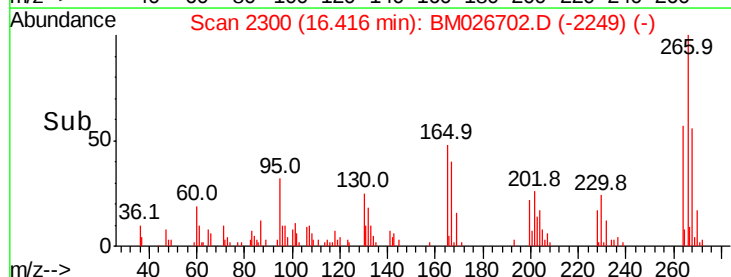
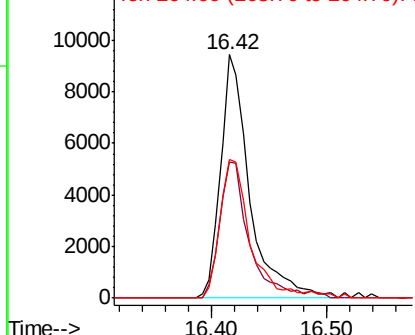


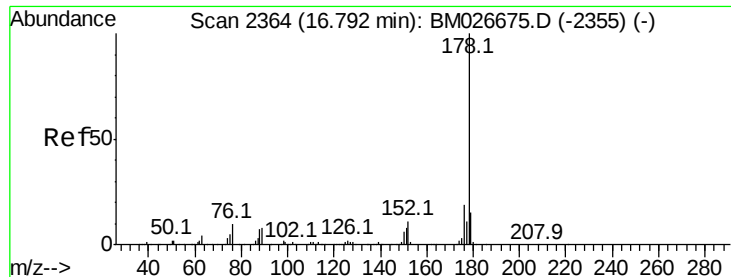
#70
Pentachlorophenol
Concen: 5.085 ng
RT: 16.42 min Scan# 2300
Delta R.T. 0.00 min
Lab File: BM026702.D
Acq: 08 Jul 2020 11:54

Tgt Ion:266 Resp: 16514
Ion Ratio Lower Upper
266 100
268 56.1 51.8 77.6
264 56.7 50.1 75.1



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

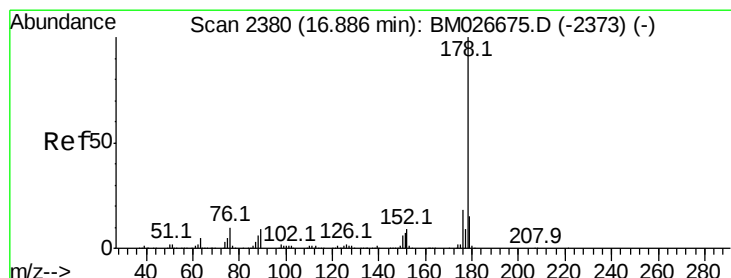
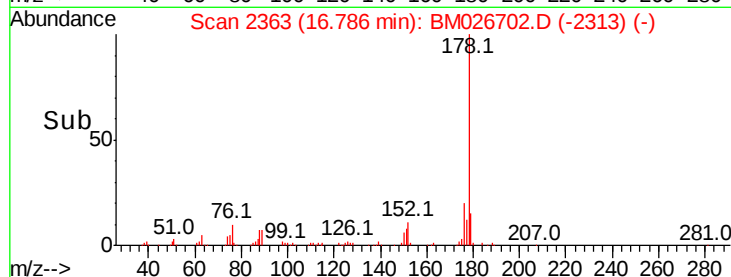
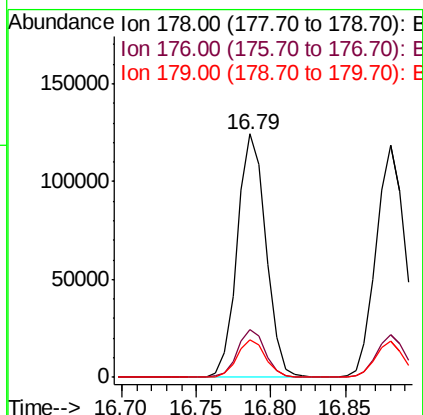
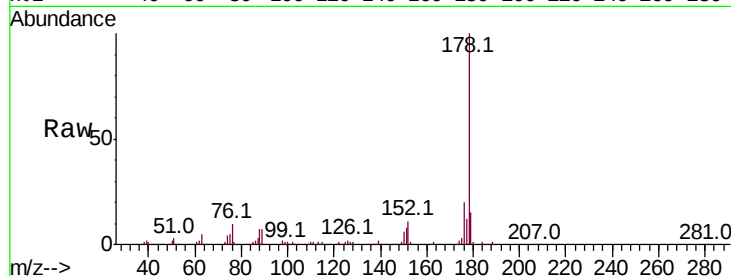




#71
Phenanthrene
Concen: 6.447 ng
RT: 16.79 min Scan# 2363
Delta R.T. -0.01 min
Lab File: BM026702.D
Acq: 08 Jul 2020 11:54

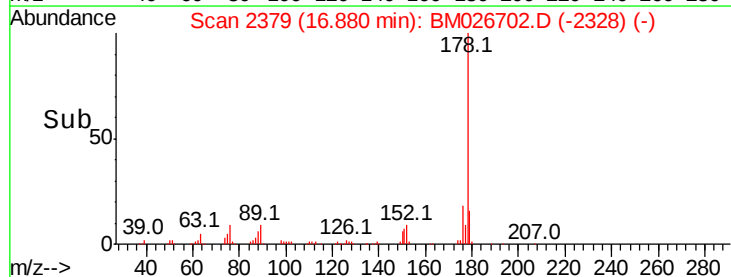
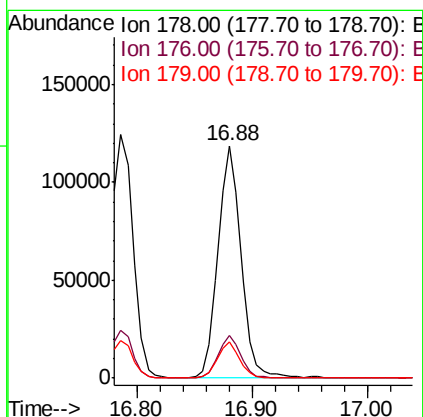
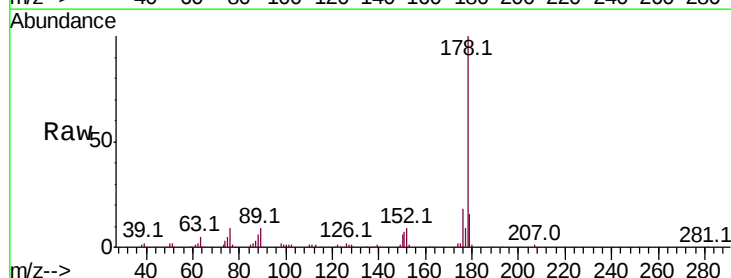
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2020

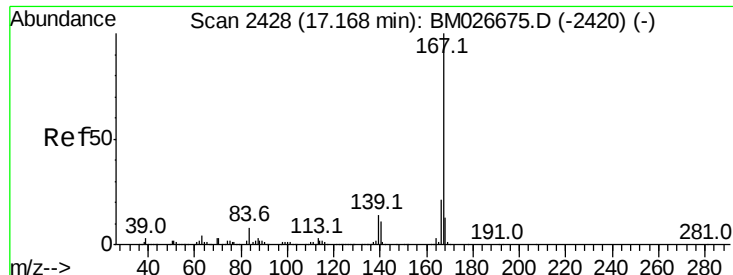
Tot Ion:178 Resp: 166775
Ion Ratio Lower Upper
178 100
176 19.7 15.0 22.6
179 15.4 12.1 18.1



#72
Anthracene
Concen: 6.362 ng
RT: 16.88 min Scan# 2379
Delta R.T. 0.00 min
Lab File: BM026702.D
Acq: 08 Jul 2020 11:54

Tgt Ion:178 Resp: 163826
Ion Ratio Lower Upper
178 100
176 18.4 14.7 22.1
179 15.7 12.1 18.1

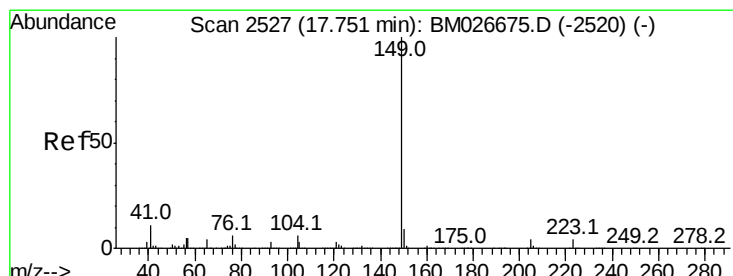
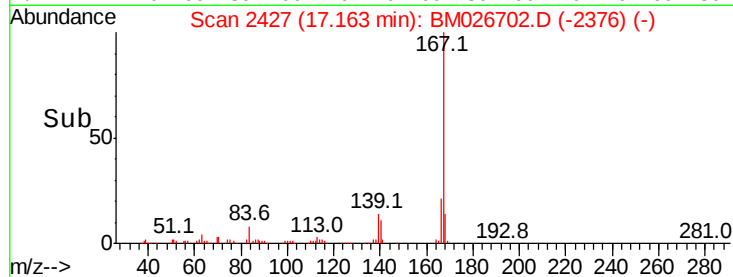
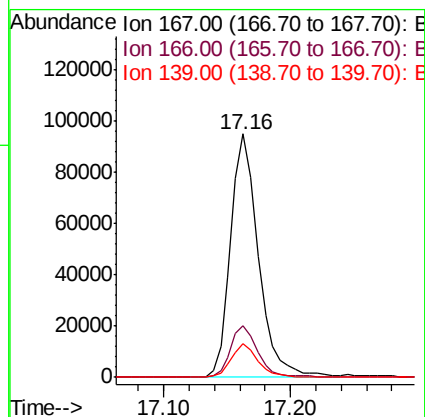
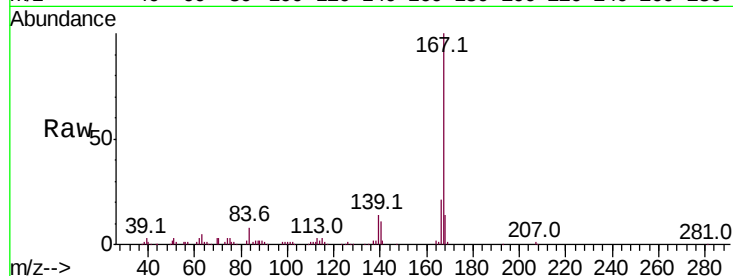




#73
 Carbazole
 Concen: 5.907 ng
 RT: 17.16 min Scan# 2427
 Delta R.T. 0.00 min
 Lab File: BM026702.D
 Acq: 08 Jul 2020 11:54

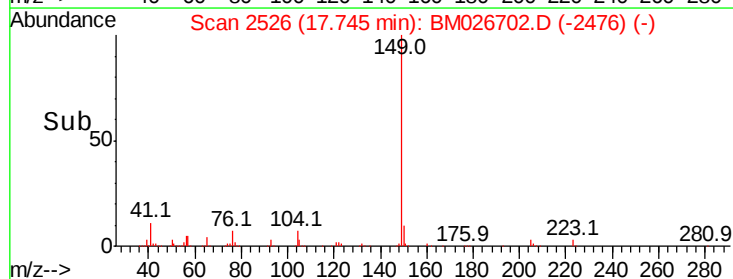
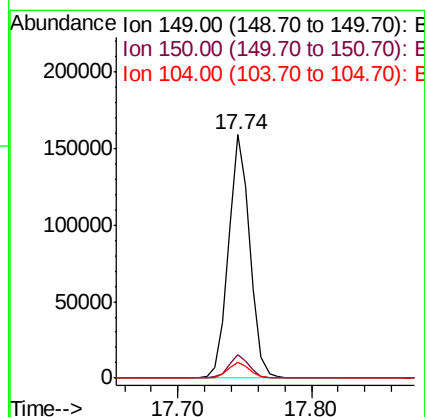
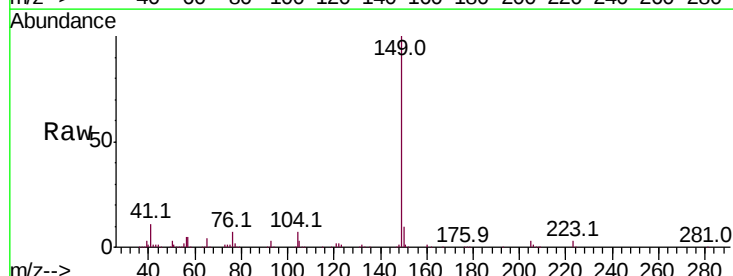
Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2020

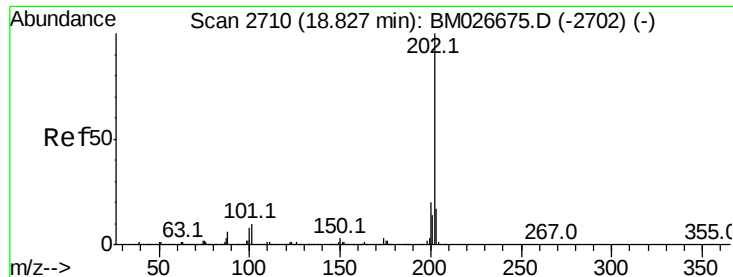
Tot Ion	Ratio	Lower	Upper
167	100		
166	21.0	16.9	25.3
139	14.0	10.8	16.2



#74
 Di-n-butylphthalate
 Concen: 5.807 ng
 RT: 17.74 min Scan# 2526
 Delta R.T. -0.01 min
 Lab File: BM026702.D
 Acq: 08 Jul 2020 11:54

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.8	7.3	10.9
104	6.7	5.0	7.4

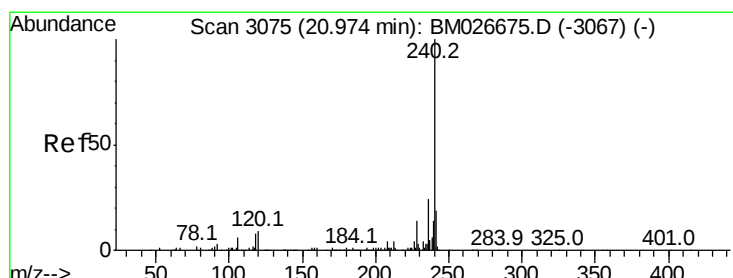
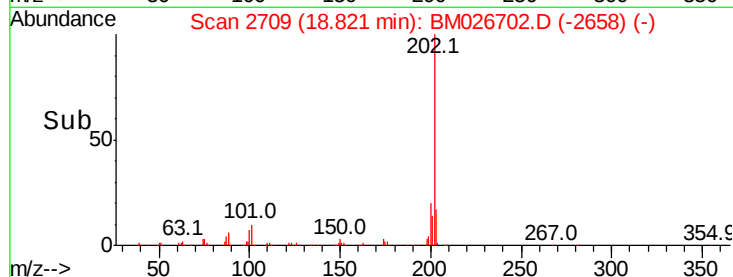
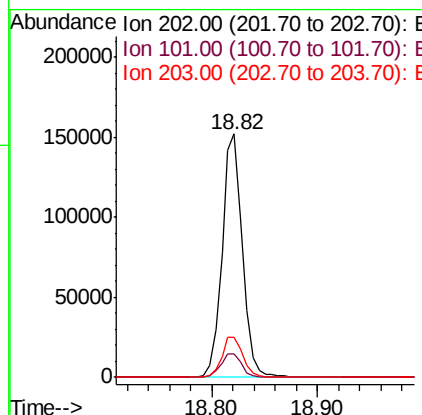
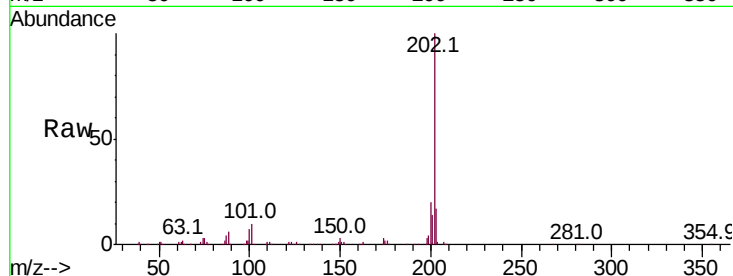




#75
 Fluoranthene
 Concen: 6.401 ng
 RT: 18.82 min Scan# 2709
 Delta R.T. 0.00 min
 Lab File: BM026702.D
 Acq: 08 Jul 2020 11:54

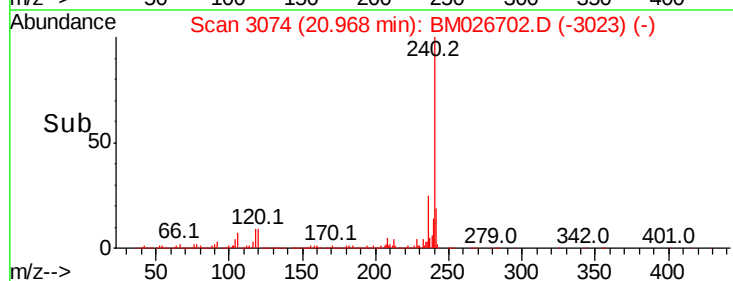
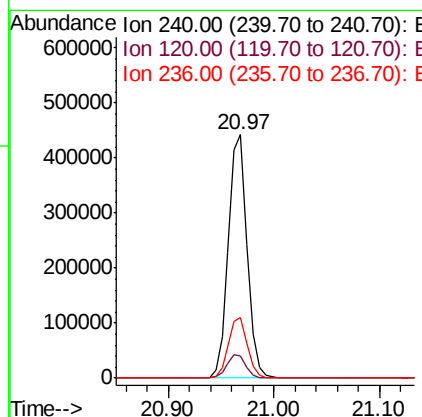
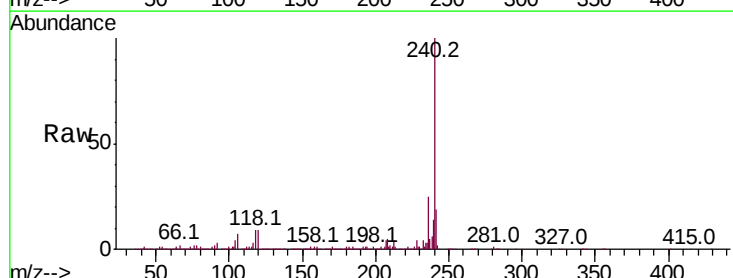
Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2020

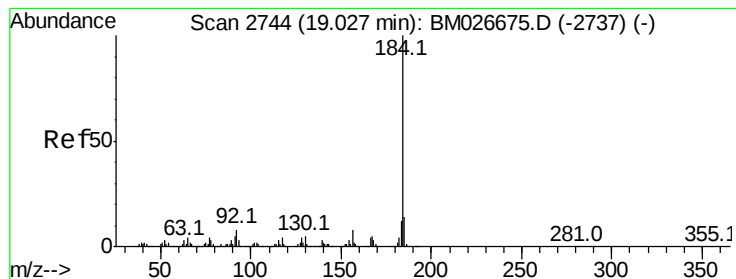
Tot Ion:	202	Resp:	203934
Ion	Ratio	Lower	Upper
202	100		
101	9.9	0.0	30.1
203	16.5	0.0	37.2



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 20.97 min Scan# 3074
 Delta R.T. 0.00 min
 Lab File: BM026702.D
 Acq: 08 Jul 2020 11:54

Tgt Ion:	240	Resp:	542512
Ion	Ratio	Lower	Upper
240	100		
120	9.1	7.3	10.9
236	24.9	19.4	29.2





#77

Benzidine

Concen: 7.244 ng

RT: 19.03 min Scan# 2744

Delta R.T. 0.00 min

Lab File: BM026702.D

Acq: 08 Jul 2020 11:54

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2020

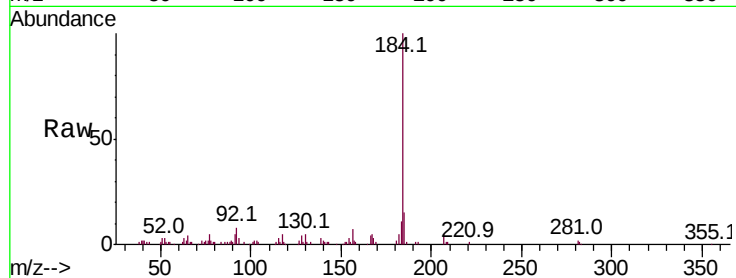
Tot Ion:184 Resp: 77475

Ion Ratio Lower Upper

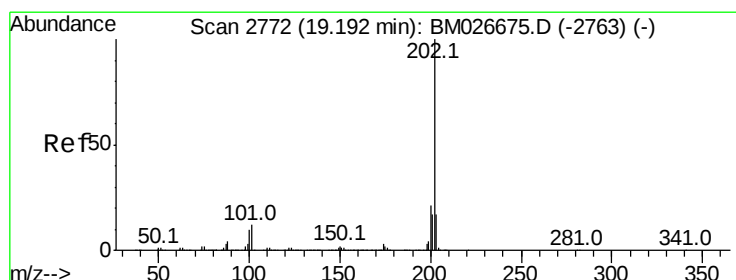
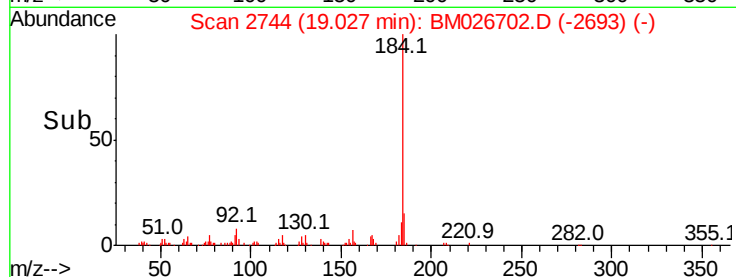
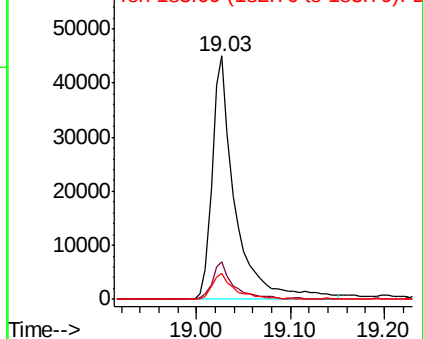
184 100

185 15.5 10.9 16.3

183 10.9 9.3 13.9



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: 6.261 ng

RT: 19.19 min Scan# 2771

Delta R.T. 0.00 min

Lab File: BM026702.D

Acq: 08 Jul 2020 11:54

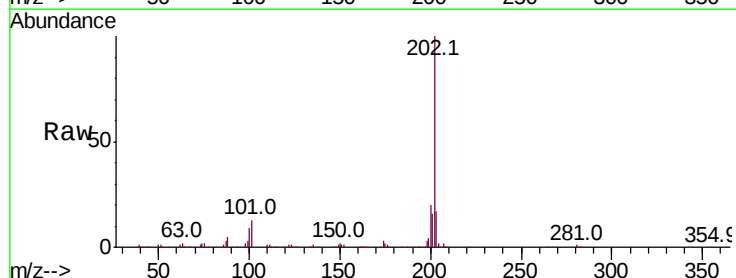
Tgt Ion:202 Resp: 213957

Ion Ratio Lower Upper

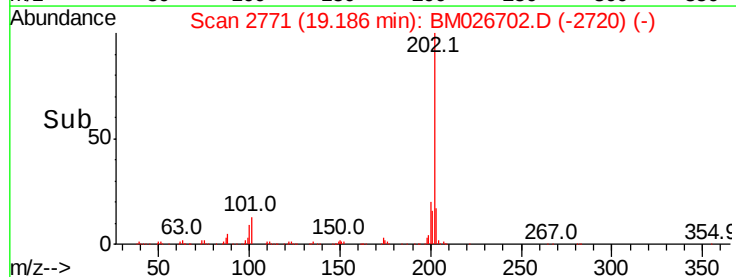
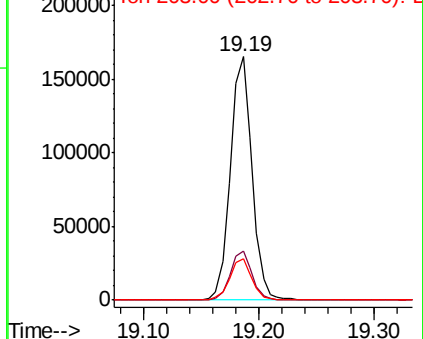
202 100

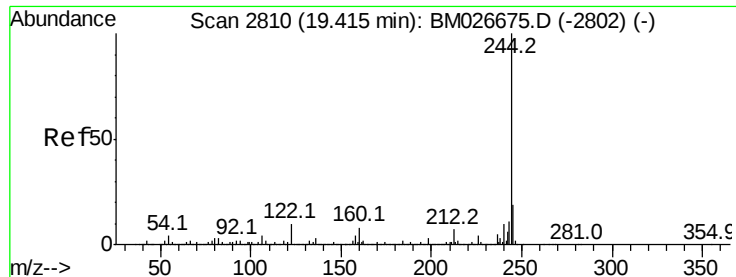
200 20.2 16.6 24.8

203 16.8 13.7 20.5



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: 57.405 ng

RT: 19.41 min Scan# 2809

Delta R.T. -0.01 min

Lab File: BM026702.D

Acq: 08 Jul 2020 11:54

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2020

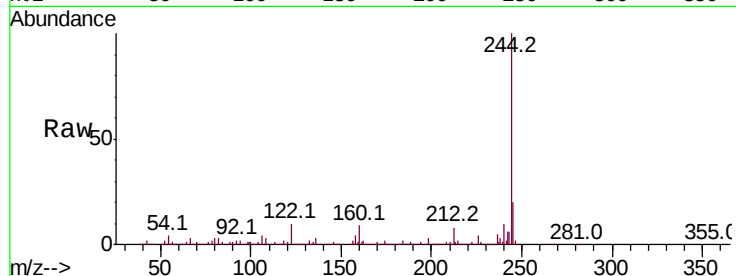
Tot Ion:244 Resp: 1582461

Ion Ratio Lower Upper

244 100

212 7.5 5.9 8.9

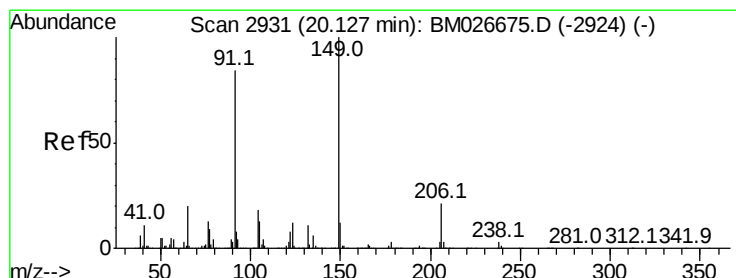
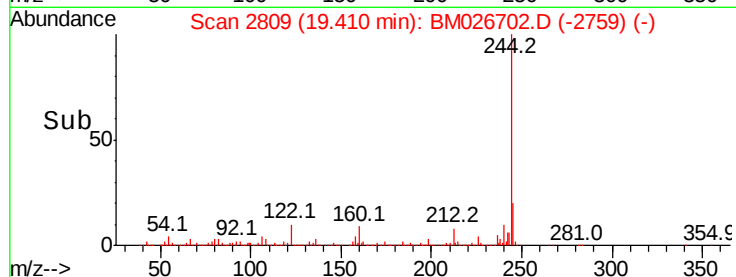
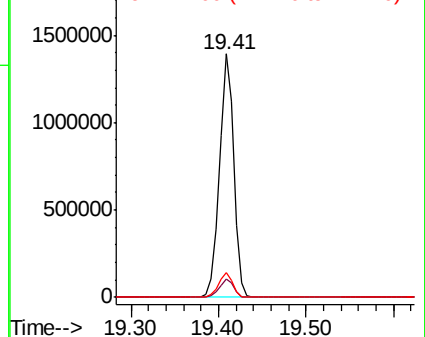
122 10.3 8.2 12.4



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: 5.363 ng

RT: 20.13 min Scan# 2931

Delta R.T. 0.00 min

Lab File: BM026702.D

Acq: 08 Jul 2020 11:54

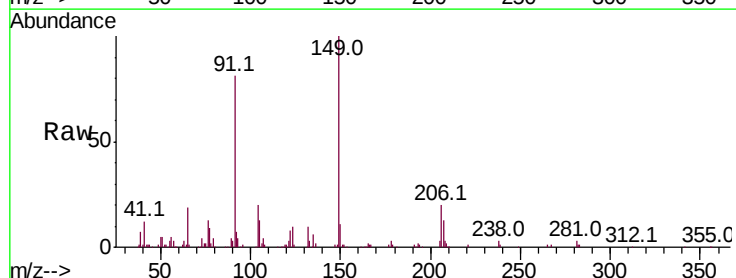
Tgt Ion:149 Resp: 82241

Ion Ratio Lower Upper

149 100

91 81.1 67.6 101.4

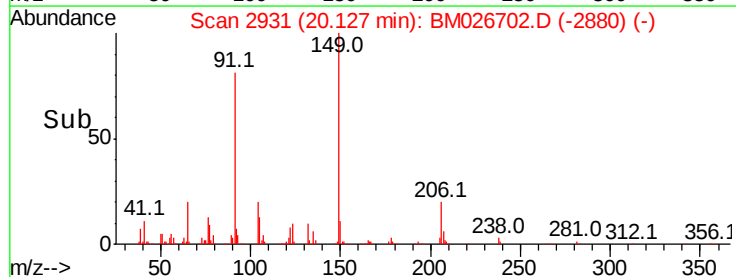
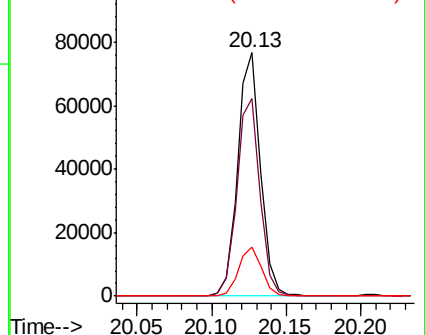
206 20.2 16.7 25.1

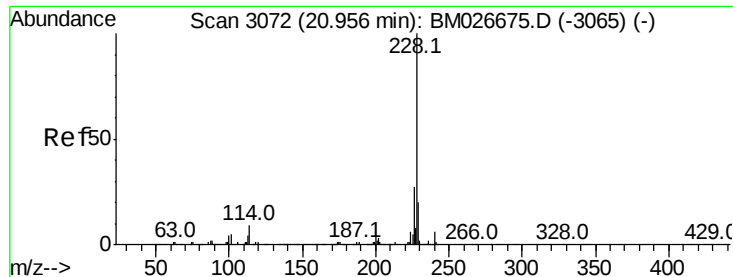


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 6.424 ng

RT: 20.95 min Scan# 3071

Delta R.T. -0.01 min

Lab File: BM026702.D

Acq: 08 Jul 2020 11:54

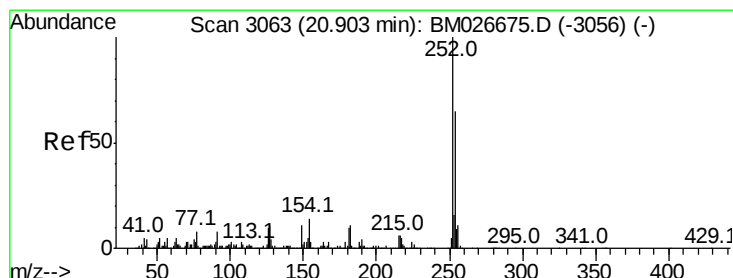
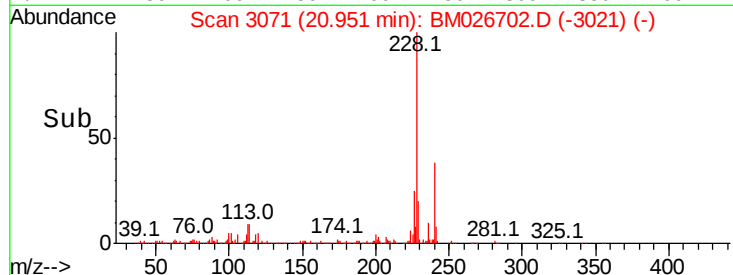
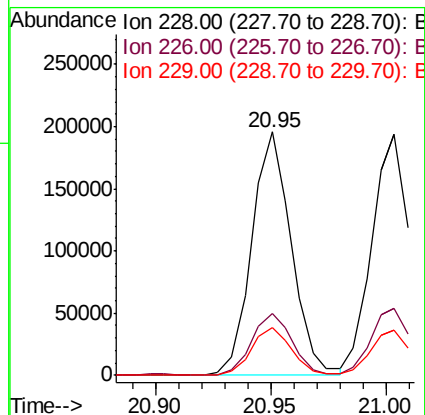
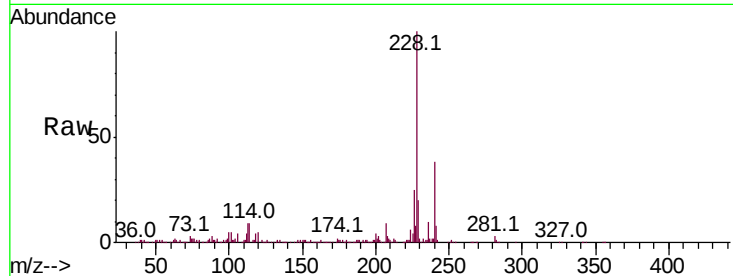
Instrument :

BNA_M

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2020

Tot Ion:	228	Resp:	234118
Ion	Ratio	Lower	Upper
228	100		
226	25.4	21.4	32.2
229	19.8	15.6	23.4



#82

3,3'-Dichlorobenzidine

Concen: 6.543 ng

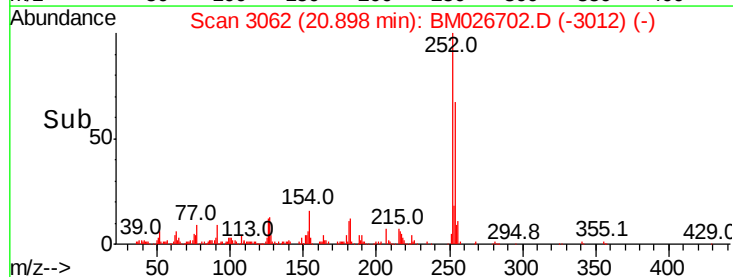
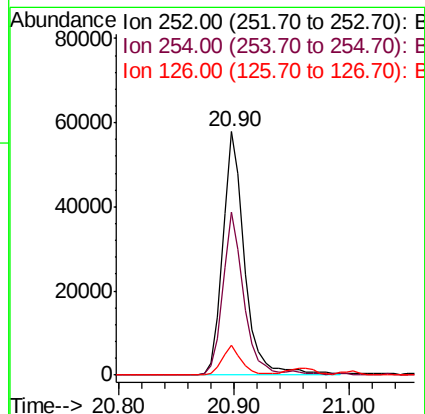
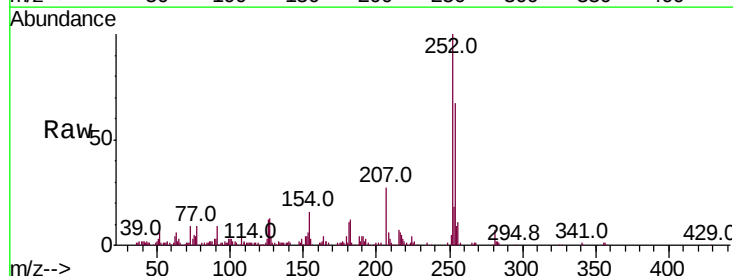
RT: 20.90 min Scan# 3062

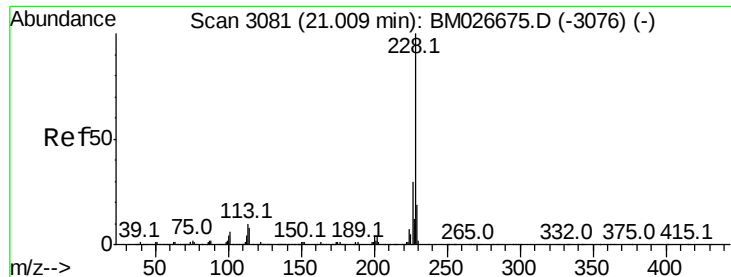
Delta R.T. -0.01 min

Lab File: BM026702.D

Acq: 08 Jul 2020 11:54

Tgt Ion:	252	Resp:	75683
Ion	Ratio	Lower	Upper
252	100		
254	67.0	51.9	77.9
126	12.3	8.2	12.2#

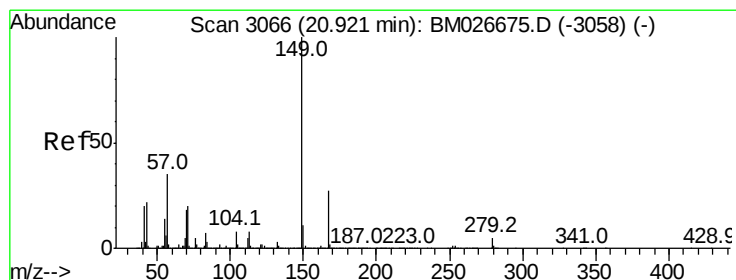
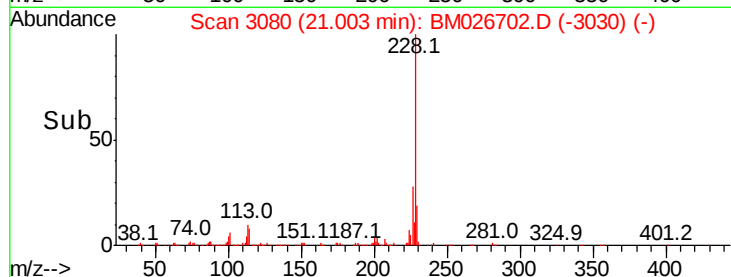
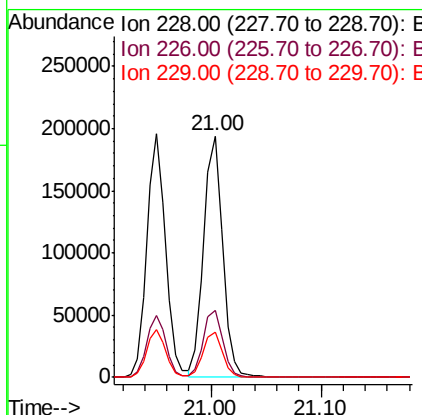
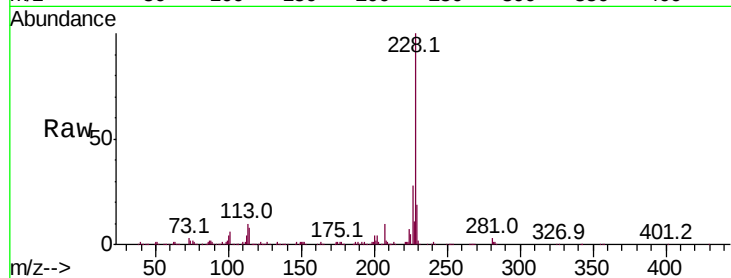




#83
Chrysene
Concen: 6.368 ng
RT: 21.00 min Scan# 3080
Delta R.T. -0.01 min
Lab File: BM026702.D
Acq: 08 Jul 2020 11:54

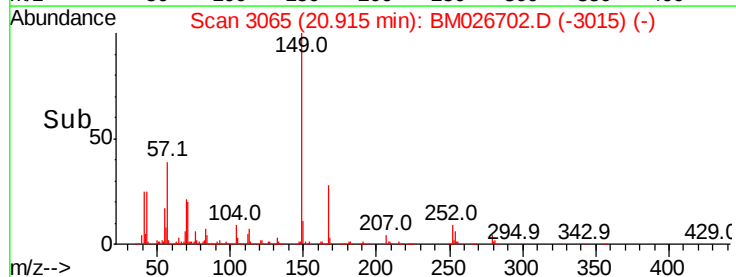
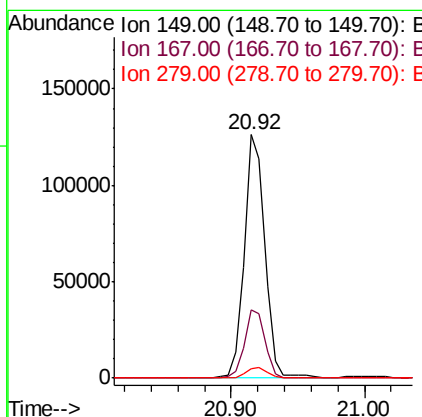
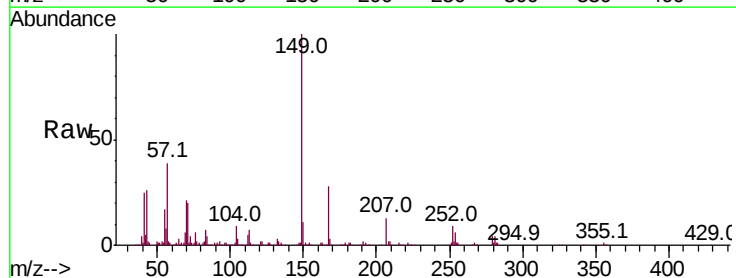
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2020

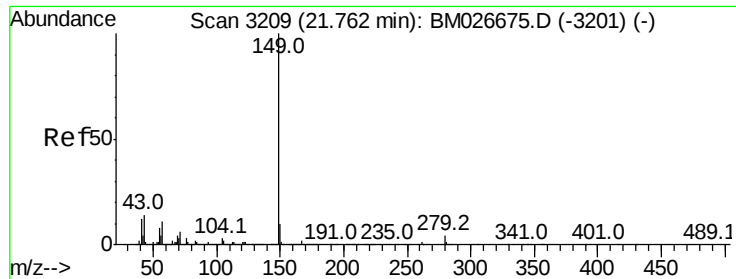
Tot Ion:228 Resp: 225878
Ion Ratio Lower Upper
228 100
226 27.7 23.7 35.5
229 18.9 15.4 23.0



#84
Bis(2-ethylhexyl)phthalate
Concen: 5.385 ng
RT: 20.92 min Scan# 3065
Delta R.T. -0.01 min
Lab File: BM026702.D
Acq: 08 Jul 2020 11:54

Tgt Ion:149 Resp: 132311
Ion Ratio Lower Upper
149 100
167 27.8 21.9 32.9
279 4.1 3.7 5.5





#85

Di-n-octyl phthalate

Concen: 5.367 ng

RT: 21.76 min Scan# 3209

Delta R.T. 0.00 min

Lab File: BM026702.D

Acq: 08 Jul 2020 11:54

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2020

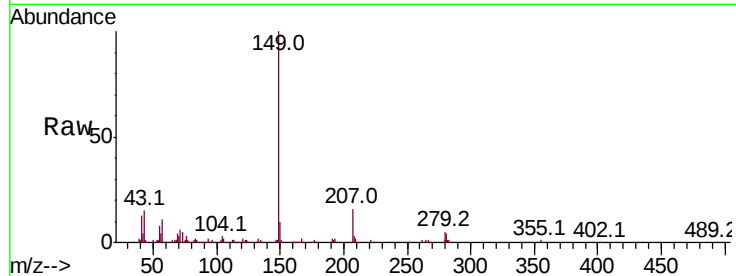
Tot Ion:149 Resp: 225370

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

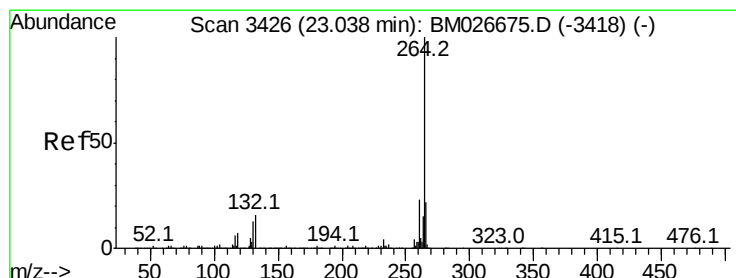
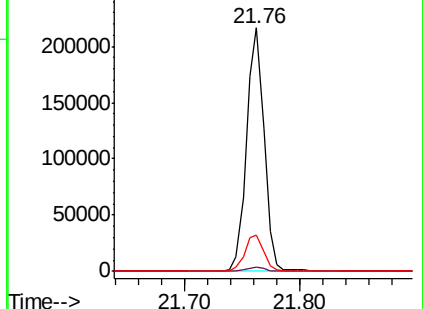
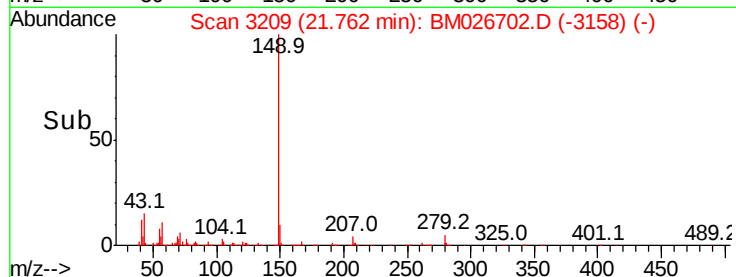
43 15.8 11.2 16.8



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: 23.03 min Scan# 3425

Delta R.T. -0.01 min

Lab File: BM026702.D

Acq: 08 Jul 2020 11:54

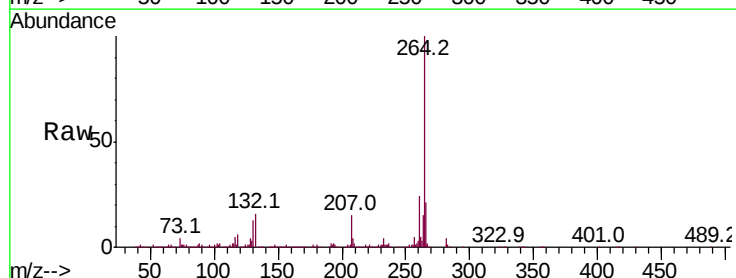
Tgt Ion:264 Resp: 572731

Ion Ratio Lower Upper

264 100

260 24.1 18.2 27.2

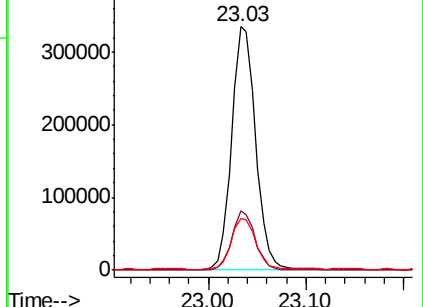
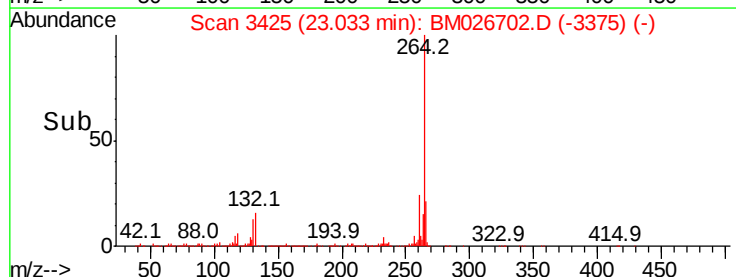
265 21.4 17.6 26.4

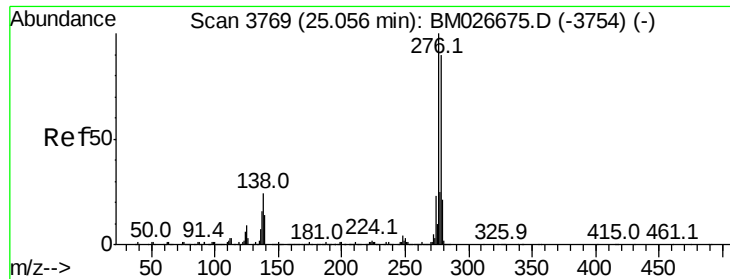


Abundance Ion 264.00 (263.70 to 264.70): E

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: 6.636 ng

RT: 25.04 min Scan# 3766

Delta R.T. -0.02 min

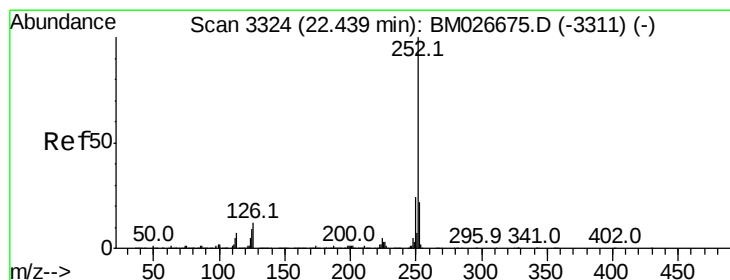
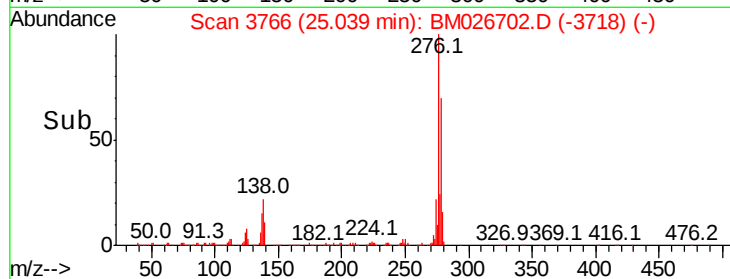
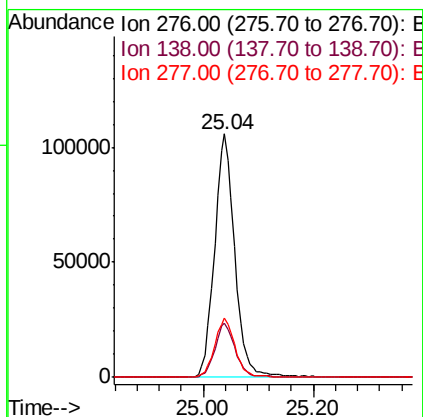
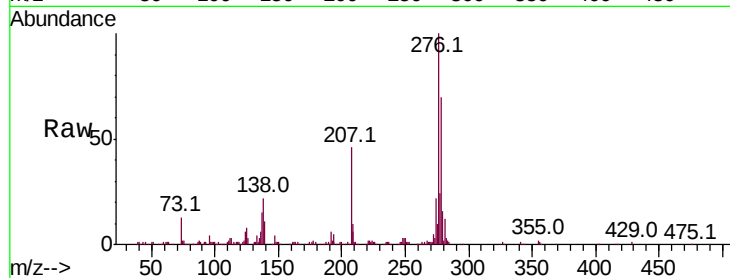
Lab File: BM026702.D

Acq: 08 Jul 2020 11:54

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2020

Tot Ion:276 Resp: 270573

Ion	Ratio	Lower	Upper
276	100		
138	22.3	18.4	27.6
277	24.6	20.0	30.0



#88

Benzo(b)fluoranthene

Concen: 6.231 ng

RT: 22.43 min Scan# 3323

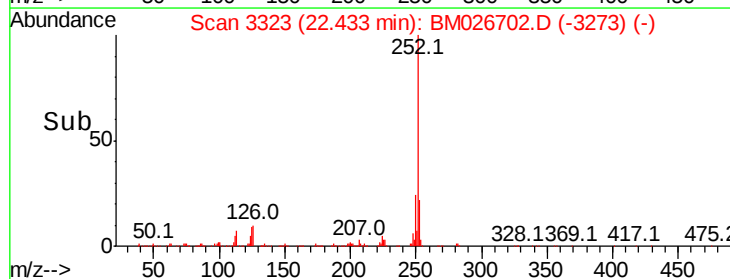
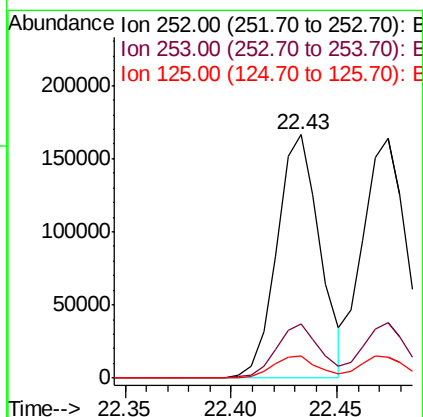
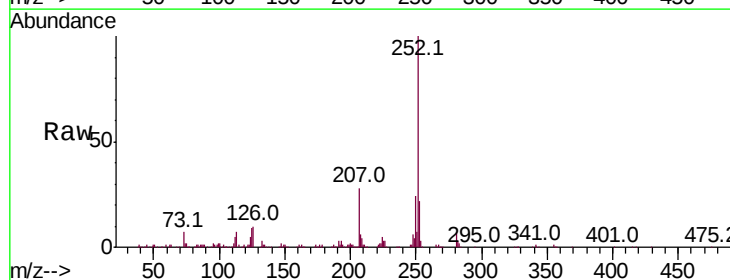
Delta R.T. -0.01 min

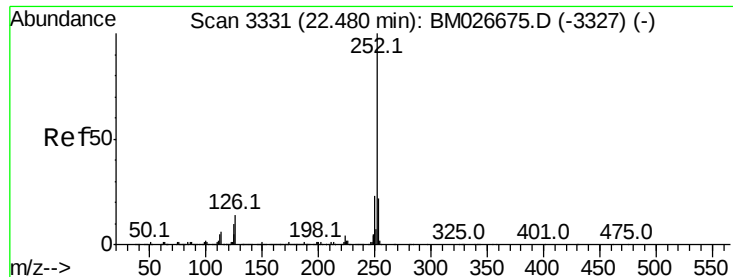
Lab File: BM026702.D

Acq: 08 Jul 2020 11:54

Tgt Ion:252 Resp: 235135

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.5	26.3
125	8.9	7.5	11.3





#89

Benzo(k)fluoranthene

Concen: 6.534 ng

RT: 22.47 min Scan# 3330

Delta R.T. -0.01 min

Lab File: BM026702.D

Acq: 08 Jul 2020 11:54

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2020

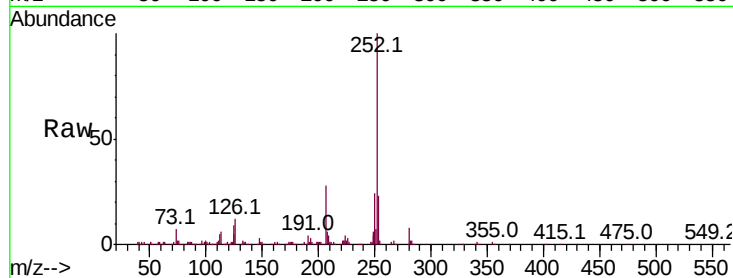
Tot Ion:252 Resp: 241856

Ion Ratio Lower Upper

252 100

253 22.9 17.5 26.3

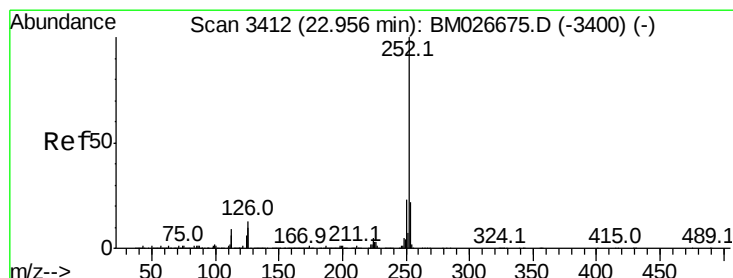
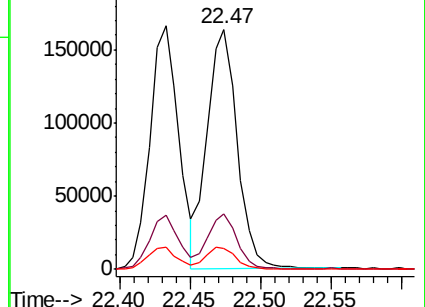
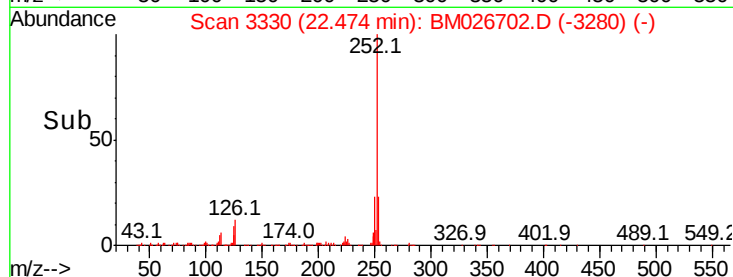
125 8.7 7.8 11.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 6.038 ng

RT: 22.94 min Scan# 3410

Delta R.T. -0.01 min

Lab File: BM026702.D

Acq: 08 Jul 2020 11:54

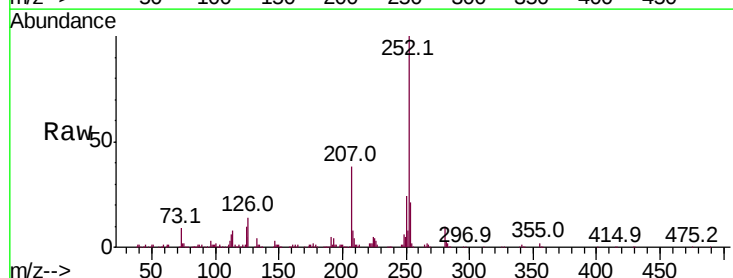
Tgt Ion:252 Resp: 211524

Ion Ratio Lower Upper

252 100

253 21.2 17.4 26.2

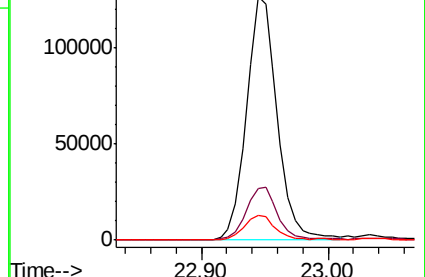
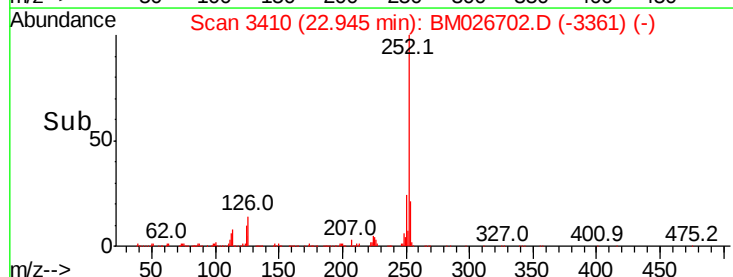
125 10.2 8.2 12.4

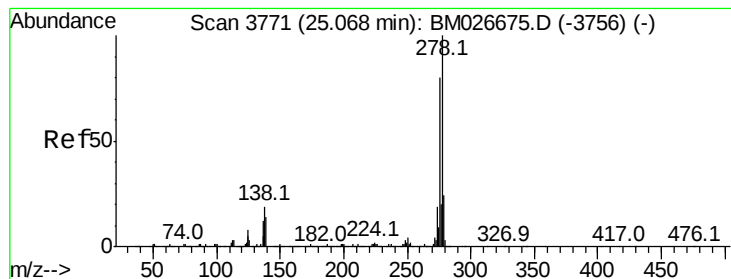


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 6.709 ng

RT: 25.05 min Scan# 3768

Delta R.T. -0.01 min

Lab File: BM026702.D

Acq: 08 Jul 2020 11:54

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2020

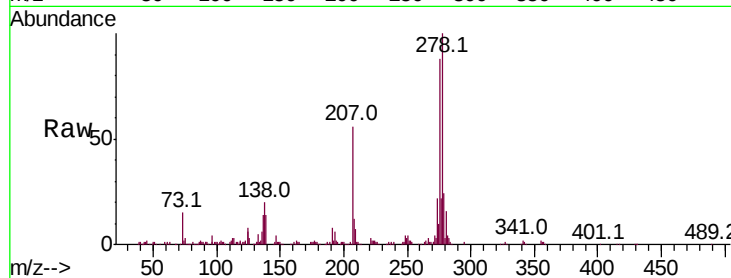
Tot Ion:278 Resp: 230932

Ion Ratio Lower Upper

278 100

139 13.6 11.2 16.8

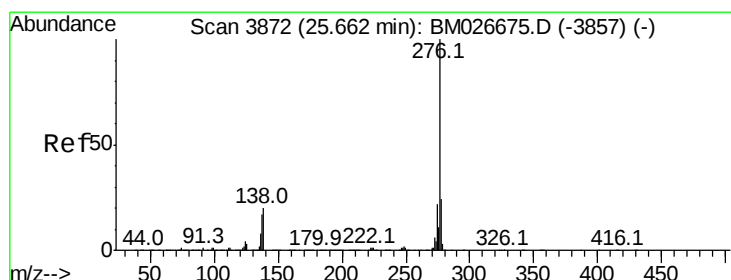
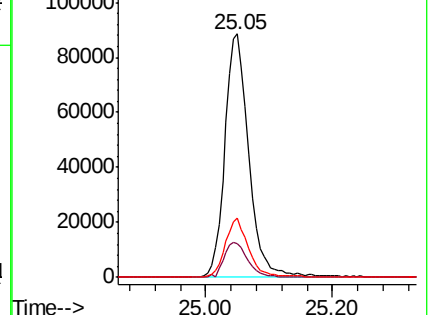
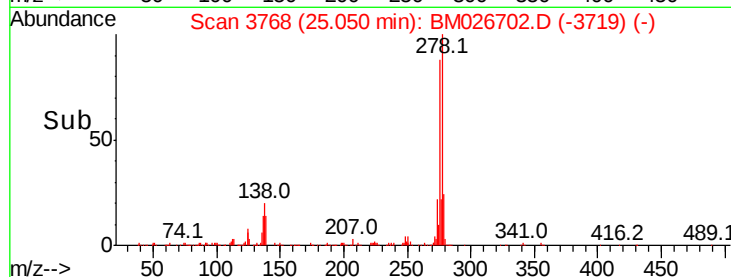
279 24.3 19.0 28.4



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: 7.108 ng

RT: 25.64 min Scan# 3869

Delta R.T. -0.02 min

Lab File: BM026702.D

Acq: 08 Jul 2020 11:54

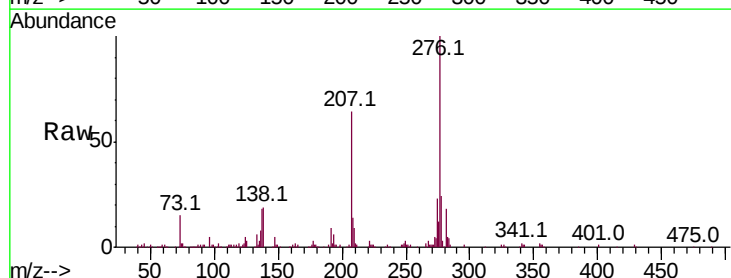
Tgt Ion:276 Resp: 225430

Ion Ratio Lower Upper

276 100

277 23.8 19.1 28.7

138 19.5 15.8 23.8



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

