

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062220\
 Data File : BM026489.D
 Acq On : 22 Jun 2020 14:18
 Operator : JU/CG
 Sample : L2182-03
 Misc : MDL-MDL-S-8PPM
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-SOIL-03-QT2-2020

Quant Time: Jun 22 17:45:05 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM060520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 19 10:20:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	99097	20.00	ng	0.00
21) Naphthalene-d8	10.14	136	419820	20.00	ng	0.00
39) Acenaphthene-d10	14.04	164	288661	20.00	ng	0.00
64) Phenanthrene-d10	16.80	188	653124	20.00	ng	0.00
76) Chrysene-d12	21.01	240	691589	20.00	ng	0.00
86) Perylene-d12	23.10	264	693250	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.02	112	894107	159.52	ng	0.00
7) Phenol-d6	6.59	99	1329262	163.78	ng	0.00
23) Nitrobenzene-d5	8.53	82	1001897	117.18	ng	0.00
42) 2,4,6-Tribromophenol	15.55	330	686525	196.34	ng	0.00
45) 2-Fluorobiphenyl	12.65	172	2170209	114.12	ng	0.00
79) Terphenyl-d14	19.46	244	4000026	112.27	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.00	88	19315	7.643	ng	92
3) Pyridine	3.40	79	46218	6.227	ng	# 94
4) n-Nitrosodimethylamine	3.32	42	29257	7.961	ng	86
6) Aniline	6.73	93	78471	7.371	ng	96
8) 2-Chlorophenol	6.96	128	47203	7.301	ng	94
9) Benzaldehyde	6.55	77	48562m	9.384	ng	
10) Phenol	6.62	94	62729	7.257	ng	86
11) bis(2-Chloroethyl)ether	6.83	93	51059	7.334	ng	95
12) 1,3-Dichlorobenzene	7.27	146	52136	7.284	ng	97
13) 1,4-Dichlorobenzene	7.42	146	52530	7.205	ng	98
14) 1,2-Dichlorobenzene	7.73	146	52414	7.360	ng	99
15) Benzyl Alcohol	7.64	79	46364	6.727	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.93	45	99674	7.666	ng	97
17) 2-Methylphenol	7.85	107	40905	6.475	ng	93
18) Hexachloroethane	8.44	117	20002	7.244	ng	94
19) n-Nitroso-di-n-propylamine	8.19	70	48774	7.712	ng	93
20) 3+4-Methylphenols	8.17	107	54165	6.291	ng	95
22) Acetophenone	8.20	105	85568	7.927	ng	# 91
24) Nitrobenzene	8.57	77	71918	8.035	ng	97
25) Isophorone	9.10	82	123602	7.695	ng	100
26) 2-Nitrophenol	9.28	139	23660	6.679	ng	# 79
27) 2,4-Dimethylphenol	9.36	122	34263	6.127	ng	87
28) bis(2-Chloroethoxy)methane	9.59	93	71010	7.792	ng	99
29) 2,4-Dichlorophenol	9.82	162	42820	6.979	ng	98
30) 1,2,4-Trichlorobenzene	10.01	180	52460	7.797	ng	96
31) Naphthalene	10.19	128	162454	7.679	ng	99
33) 4-Chloroaniline	10.32	127	63348	6.865	ng	96
34) Hexachlorobutadiene	10.49	225	32530	7.659	ng	98
35) Caprolactam	11.10	113	15991	7.418	ng	92
36) 4-Chloro-3-methylphenol	11.46	107	55823	7.467	ng	94
37) 2-Methylnaphthalene	11.82	142	120680	8.005	ng	99
38) 1-Methylnaphthalene	12.04	142	114896	8.045	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.20	216	65945	8.025	ng	99
41) Hexachlorocyclopentadiene	12.18	237	35048	7.238	ng	99

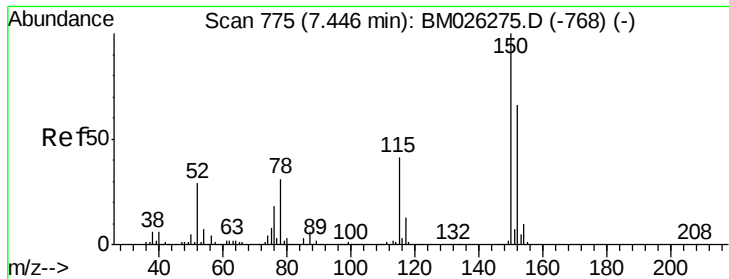
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062220\
 Data File : BM026489.D
 Acq On : 22 Jun 2020 14:18
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 19 10:20:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	12.46	196	37387	6.722	ng	100
44) 2,4,5-Trichlorophenol	12.53	196	39951	6.188	ng	96
46) 1,1'-Biphenyl	12.86	154	165458	8.176	ng	98
47) 2-Chloronaphthalene	12.90	162	120566	7.335	ng	98
48) 2-Nitroaniline	13.12	65	42408	6.510	ng	95
49) Acenaphthylene	13.76	152	195471	7.435	ng	99
50) Dimethylphthalate	13.52	163	161561	7.652	ng	100
51) 2,6-Dinitrotoluene	13.63	165	34100	7.360	ng	99
52) Acenaphthene	14.10	154	119626	7.579	ng	98
53) 3-Nitroaniline	13.96	138	29659	5.749	ng	96
54) 2,4-Dinitrophenol	14.19	184	38195	13.565	ng	91
55) Dibenzofuran	14.44	168	197802	7.778	ng	99
56) 4-Nitrophenol	14.30	139	50865	12.433	ng	91
57) 2,4-Dinitrotoluene	14.43	165	46175	7.168	ng	# 86
58) Fluorene	15.10	166	155444	7.525	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.69	232	41131	7.449	ng	98
60) Diethylphthalate	14.90	149	166171	7.727	ng	99
61) 4-Chlorophenyl-phenylether	15.10	204	81597	7.447	ng	98
62) 4-Nitroaniline	15.14	138	28459m	5.173	ng	
63) Azobenzene	15.40	77	183057	7.780	ng	97
65) 4,6-Dinitro-2-methylphenol	15.21	198	23220	5.846	ng	98
66) n-Nitrosodiphenylamine	15.32	169	138001	7.294	ng	100
67) 4-Bromophenyl-phenylether	16.00	248	49166	6.838	ng	92
68) Hexachlorobenzene	16.11	284	57904	7.718	ng	99
69) Atrazine	16.29	200	55008	9.732	ng	98
70) Pentachlorophenol	16.47	266	25043	5.543	ng	98
71) Phenanthrene	16.84	178	265313	7.801	ng	98
72) Anthracene	16.93	178	250619	7.383	ng	99
73) Carbazole	17.21	167	226909	7.049	ng	99
74) Di-n-butylphthalate	17.79	149	277176	7.301	ng	99
75) Fluoranthene	18.87	202	312865	8.023	ng	99
77) Benzidine	19.07	184	96128	6.692	ng	99
78) Pyrene	19.23	202	326046	7.135	ng	99
80) Butylbenzylphthalate	20.17	149	125397	6.786	ng	100
81) Benzo(a)anthracene	21.00	228	334569	8.060	ng	100
82) 3,3'-Dichlorobenzidine	20.94	252	115365	8.982	ng	99
83) Chrysene	21.04	228	323058	8.166	ng	99
84) Bis(2-ethylhexyl)phthalate	20.96	149	197729	7.504	ng	100
85) Di-n-octyl phthalate	21.81	149	323114	7.949	ng	96
87) Indeno(1,2,3-cd)pyrene	25.13	276	295868	7.378	ng	99
88) Benzo(b)fluoranthene	22.49	252	317400	7.611	ng	100
89) Benzo(k)fluoranthene	22.53	252	313229	7.731	ng	99
90) Benzo(a)pyrene	23.01	252	271525	7.331	ng	98
91) Dibenzo(a,h)anthracene	25.14	278	250094	7.470	ng	98
92) Benzo(g,h,i)perylene	25.74	276	239799	7.527	ng	99

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

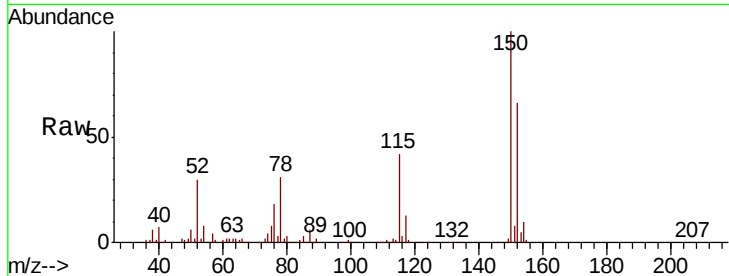


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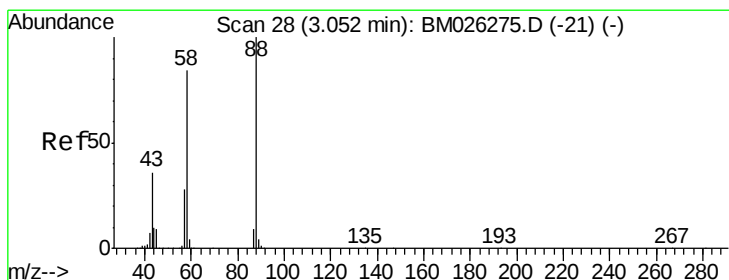
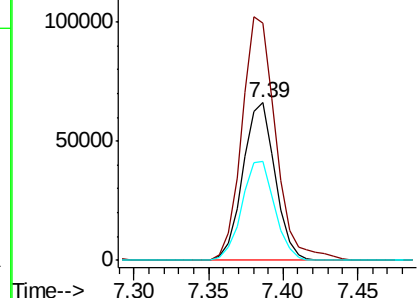
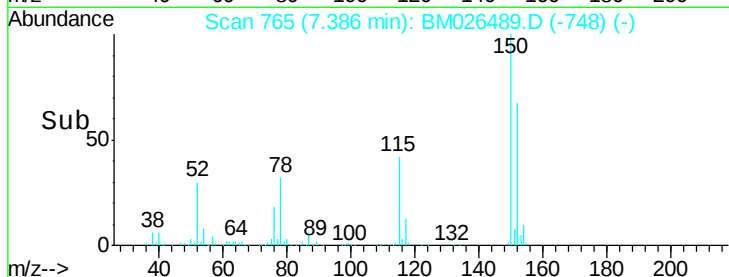
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.39 min Scan# 765
Delta R.T. -0.00 min
Lab File: BM026489.D
Acq: 22 Jun 2020 14:18

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT2-2020

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.8	127.8	191.6
115	62.9	51.5	77.3



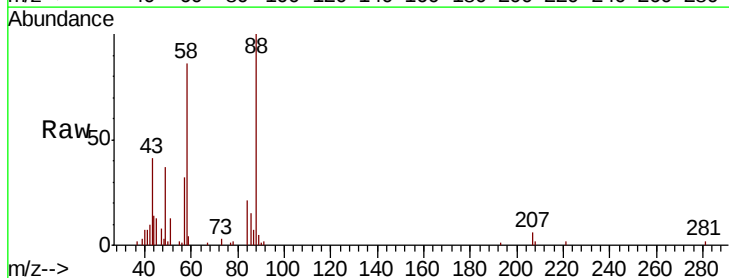
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



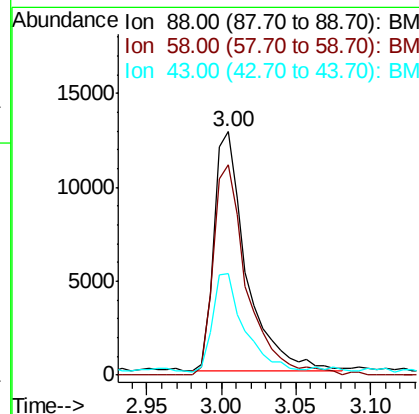
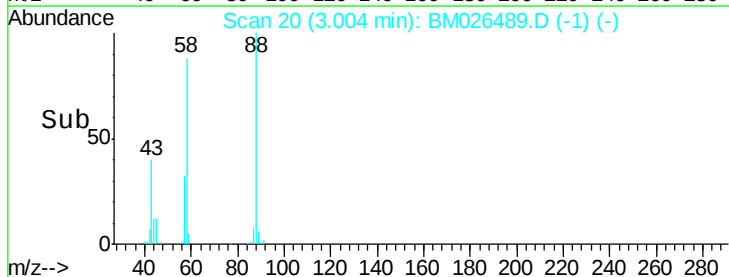
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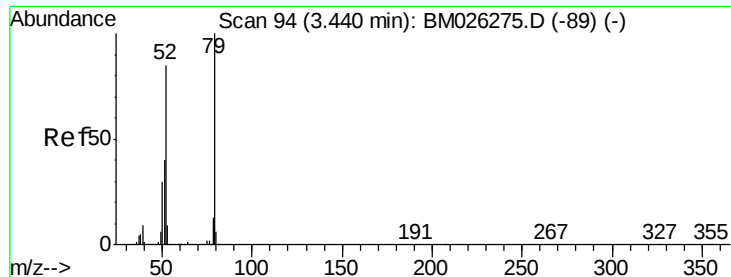
1,4-Dioxane
Concen: 7.643 ng
RT: 3.00 min Scan# 20
Delta R.T. -0.00 min
Lab File: BM026489.D
Acq: 22 Jun 2020 14:18

Tgt Ion	Ratio	Lower	Upper
88	100		
58	91.1	67.7	101.5
43	40.3	28.0	42.0



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

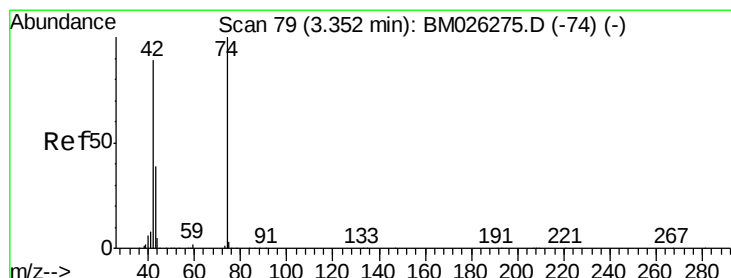
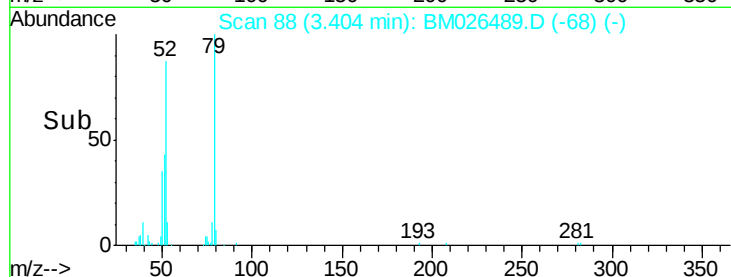
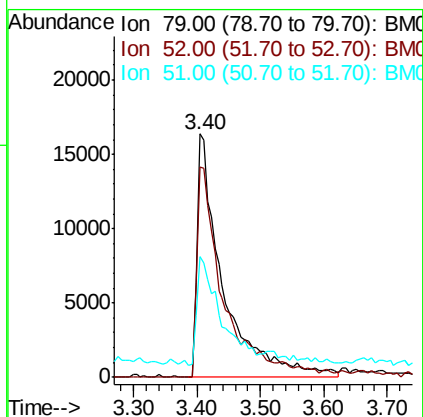
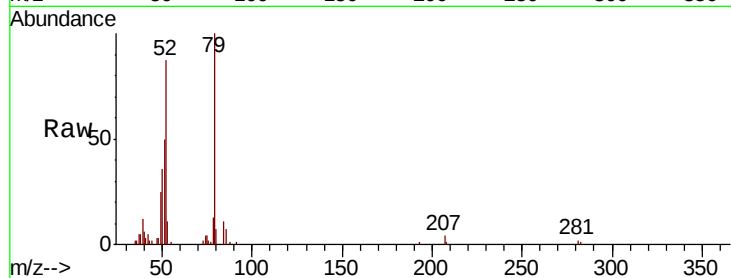




#3
 Pvridine
 Concen: 6.227 ng
 RT: 3.40 min Scan# 88
 Delta R.T. 0.02 min
 Lab File: BM026489.D
 Acq: 22 Jun 2020 14:18

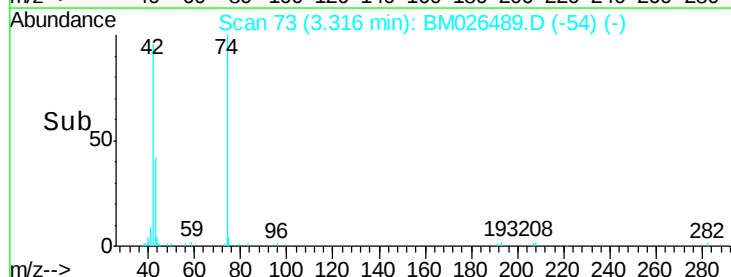
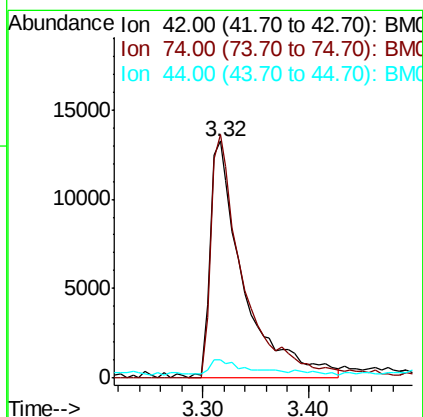
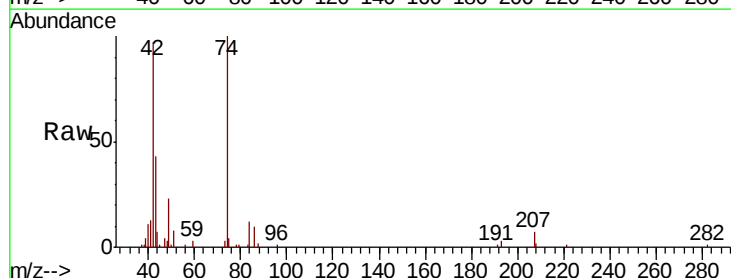
Instrument :
 BNA_M
 ClientSampleId :
 MDL-SOIL-03-QT2-2020

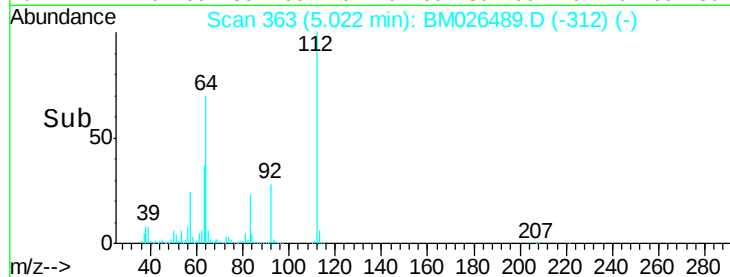
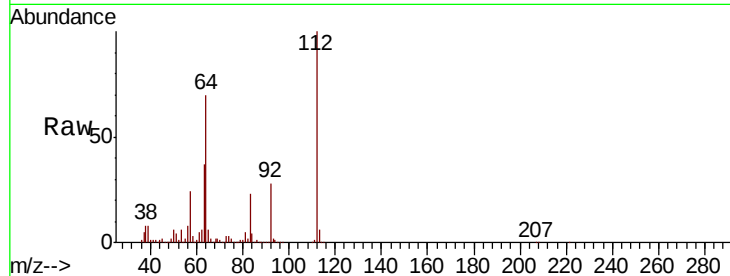
Tot Ion: 79 Resp: 46218
 Ion Ratio Lower Upper
 79 100
 52 86.5 67.4 101.2
 51 49.9 33.0 49.6#



#4
 n-Nitrosodimethylamine
 Concen: 7.961 ng
 RT: 3.32 min Scan# 73
 Delta R.T. 0.01 min
 Lab File: BM026489.D
 Acq: 22 Jun 2020 14:18

Tgt Ion: 42 Resp: 29257
 Ion Ratio Lower Upper
 42 100
 74 102.8 95.4 143.2
 44 7.5 5.9 8.9





#5

2-Fluorophenol

Concen: 159.522 ng

RT: 5.02 min Scan# 363

Delta R.T. -0.00 min

Lab File: BM026489.D

Acq: 22 Jun 2020 14:18

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-03-QT2-2020

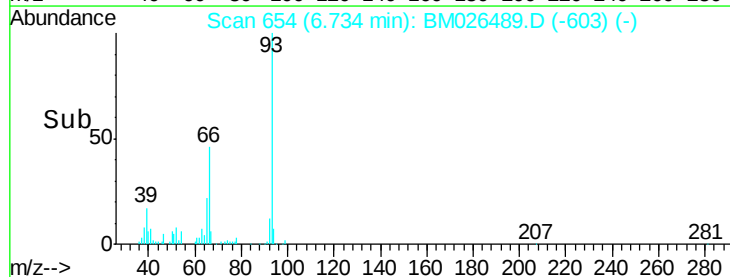
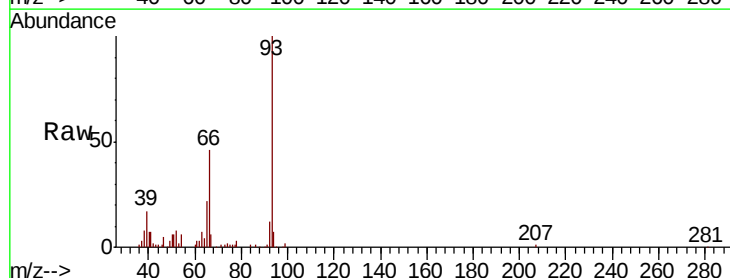
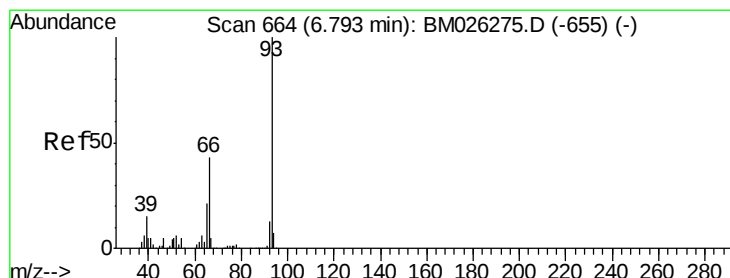
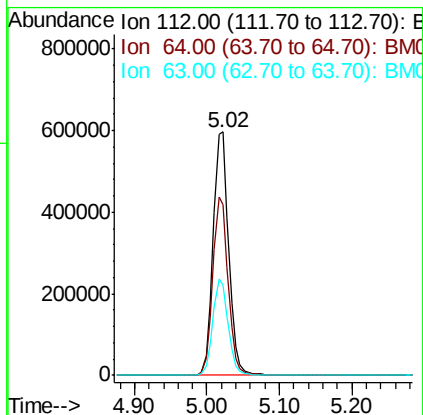
Tot Ion:112 Resp: 894107

Ion Ratio Lower Upper

112 100

64 70.4 56.0 84.0

63 37.2 29.0 43.6



#6

Aniline

Concen: 7.371 ng

RT: 6.73 min Scan# 654

Delta R.T. -0.00 min

Lab File: BM026489.D

Acq: 22 Jun 2020 14:18

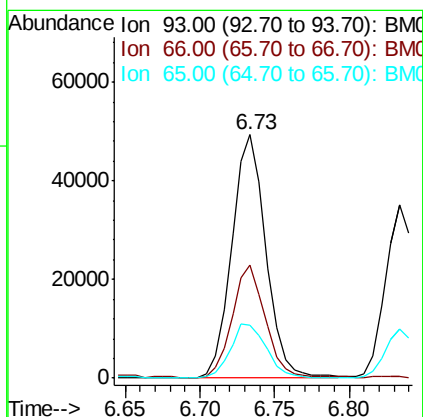
Tgt Ion: 93 Resp: 78471

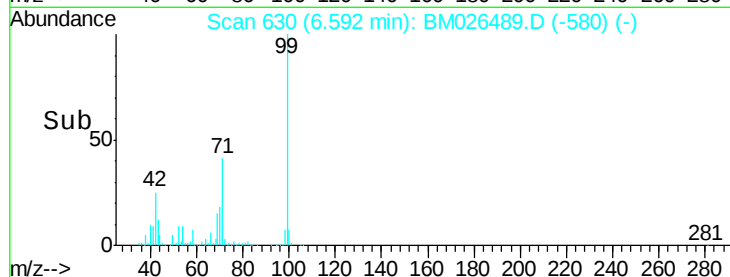
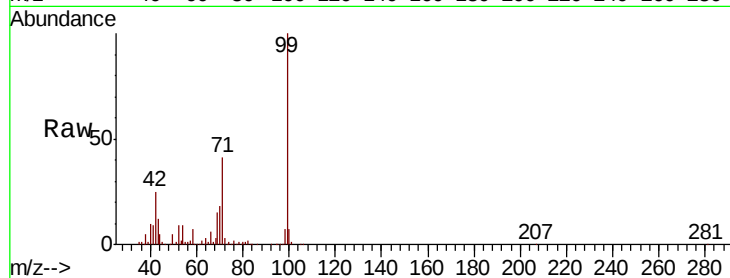
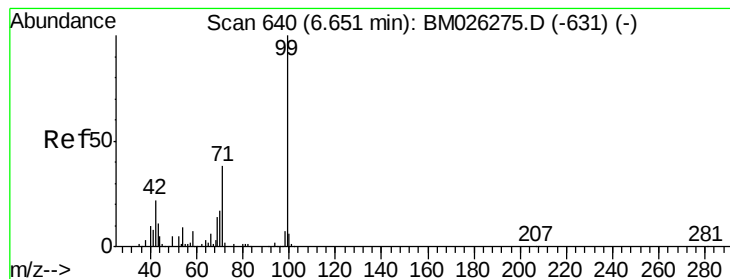
Ion Ratio Lower Upper

93 100

66 46.5 34.1 51.1

65 21.8 17.5 26.3





#7

Phenol-d6

Concen: 163.778 ng

RT: 6.59 min Scan# 630

Delta R.T. -0.01 min

Lab File: BM026489.D

Acq: 22 Jun 2020 14:18

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-03-QT2-2020

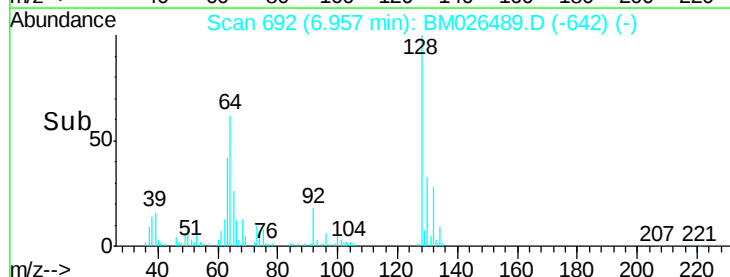
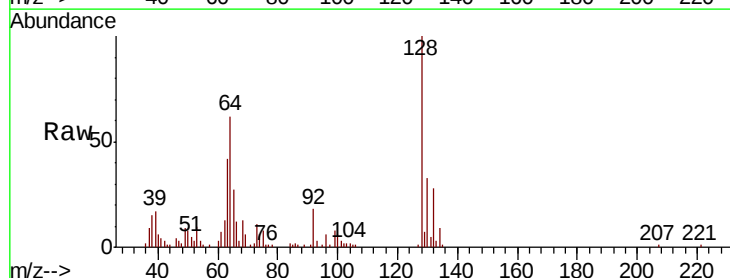
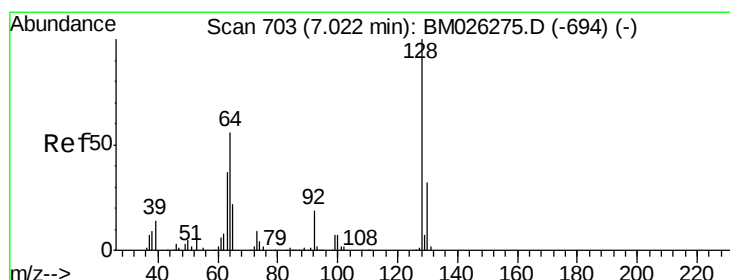
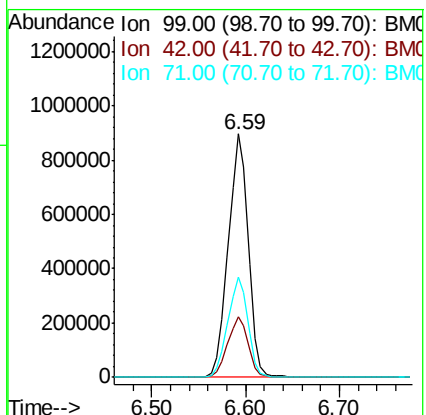
Tot Ion: 99 Resp: 1329262

Ion Ratio Lower Upper

99 100

42 24.7 17.8 26.6

71 41.2 31.0 46.4



#8

2-Chlorophenol

Concen: 7.301 ng

RT: 6.96 min Scan# 692

Delta R.T. -0.01 min

Lab File: BM026489.D

Acq: 22 Jun 2020 14:18

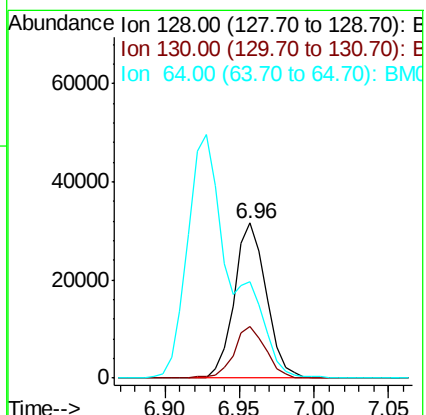
Tgt Ion:128 Resp: 47203

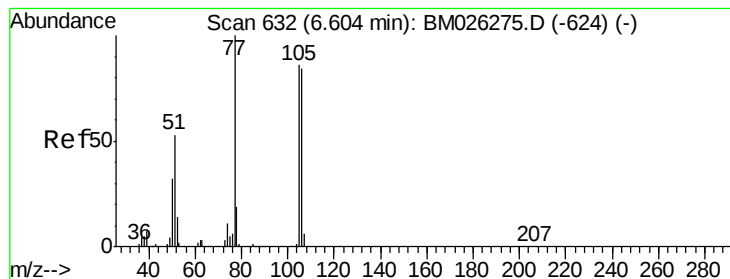
Ion Ratio Lower Upper

128 100

130 33.4 12.3 52.3

64 62.5 36.4 76.4





#9

Benzaldehyde

Concen: 9.384 ng/mL

RT: 6.55 min Scan# 622

Delta R.T. -0.00 min

Lab File: BM026489.D

Acq: 22 Jun 2020 14:18

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-03-QT2-2020

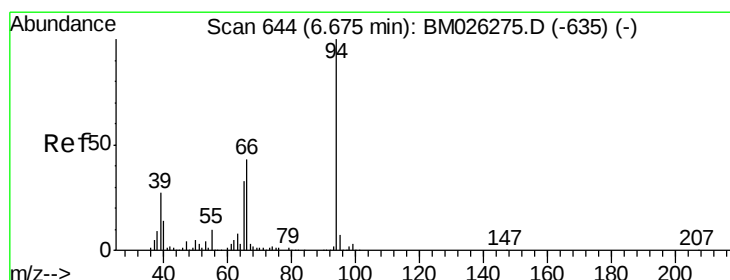
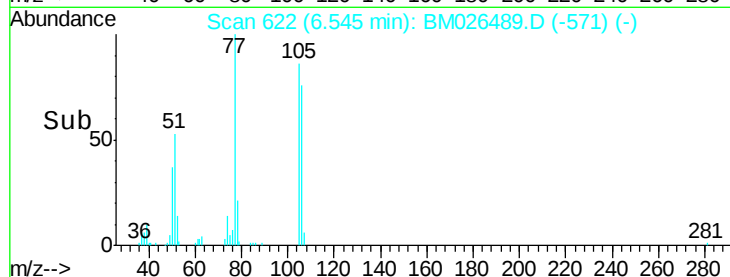
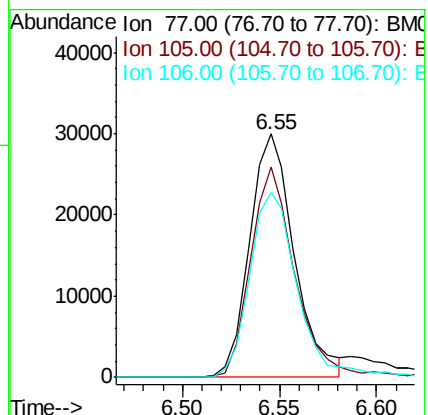
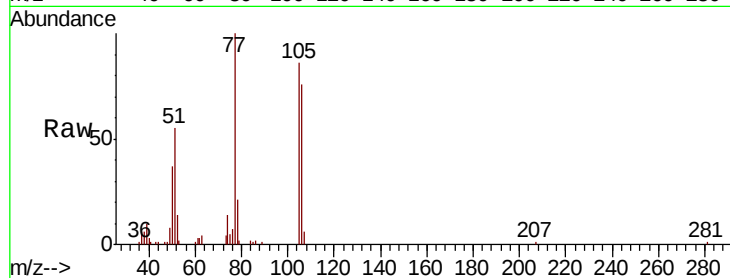
Tot Ion: 77 Resp: 48562

Ion Ratio Lower Upper

77 100

105 86.3 71.5 111.5

106 76.1 64.7 104.7



#10

Phenol

Concen: 7.257 ng/mL

RT: 6.62 min Scan# 634

Delta R.T. -0.01 min

Lab File: BM026489.D

Acq: 22 Jun 2020 14:18

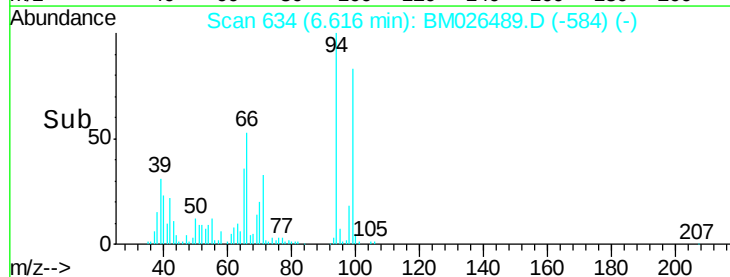
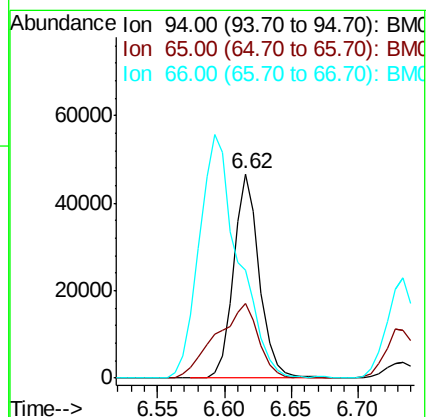
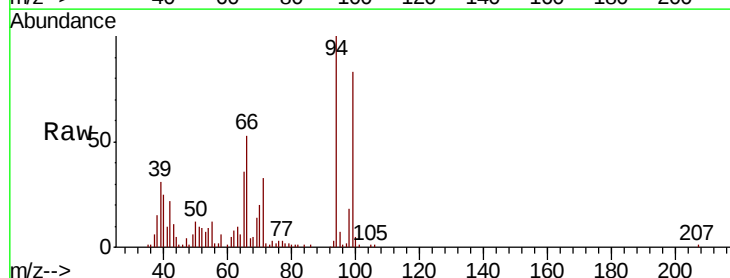
Tgt Ion: 94 Resp: 62729

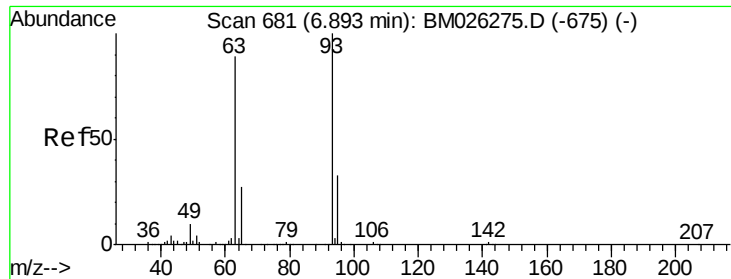
Ion Ratio Lower Upper

94 100

65 36.3 11.4 51.4

66 52.9 21.7 61.7

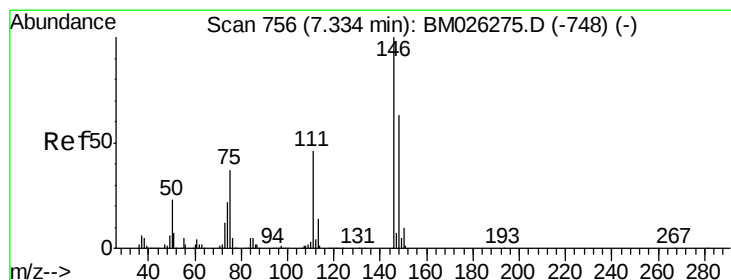
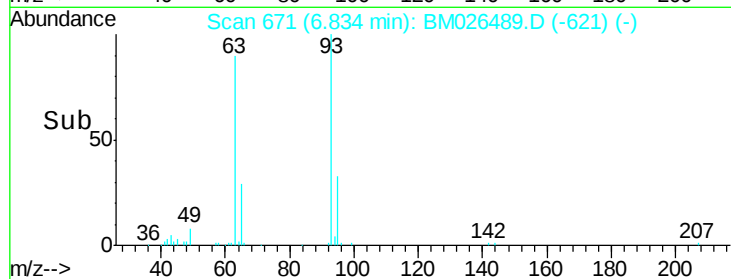
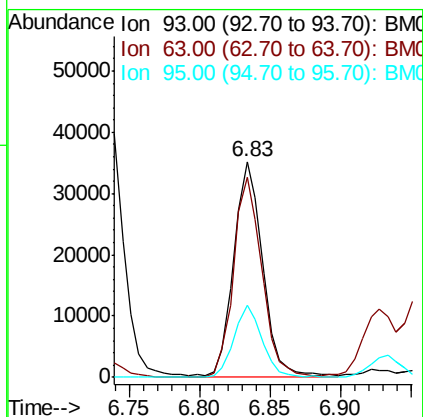
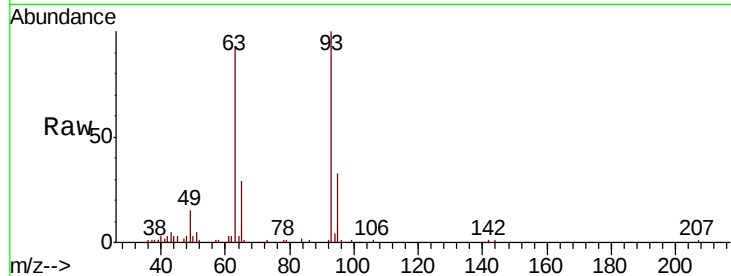




#11
bis(2-Chloroethyl)ether
Concen: 7.334 ng
RT: 6.83 min Scan# 671
Delta R.T. -0.01 min
Lab File: BM026489.D
Acq: 22 Jun 2020 14:18

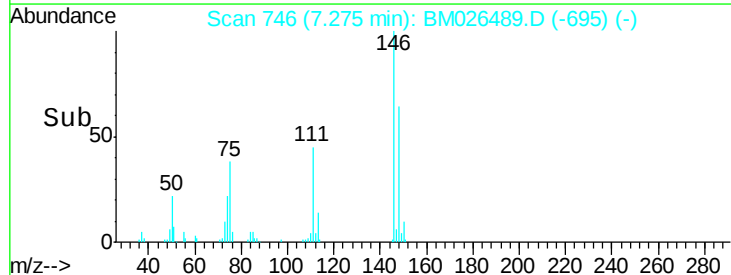
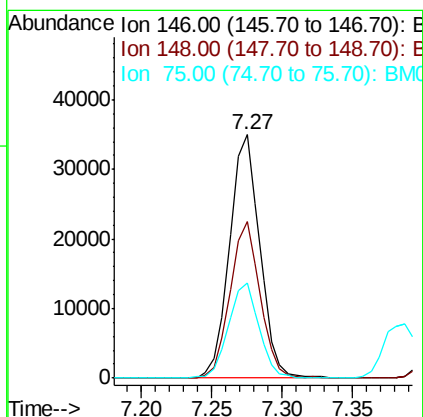
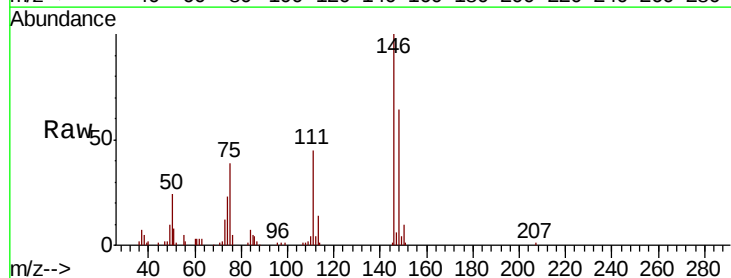
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT2-2020

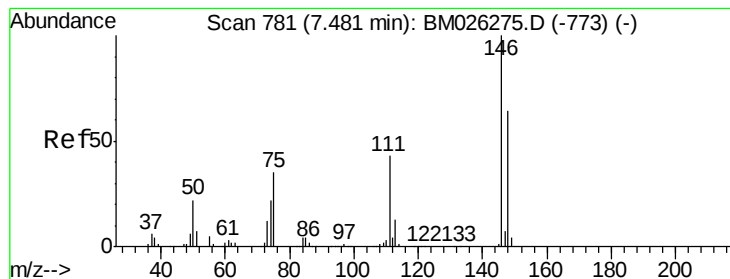
Tot Ion: 93 Resp: 51059
Ion Ratio Lower Upper
93 100
63 92.8 66.7 106.7
95 33.3 14.5 54.5



#12
1,3-Dichlorobenzene
Concen: 7.284 ng
RT: 7.27 min Scan# 746
Delta R.T. -0.00 min
Lab File: BM026489.D
Acq: 22 Jun 2020 14:18

Tgt Ion: 146 Resp: 52136
Ion Ratio Lower Upper
146 100
148 64.1 50.3 75.5
75 39.1 29.0 43.6





#13

1,4-Dichlorobenzene

Concen: 7.205 ng

RT: 7.42 min Scan# 770

Delta R.T. -0.01 min

Lab File: BM026489.D

Acq: 22 Jun 2020 14:18

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-03-QT2-2020

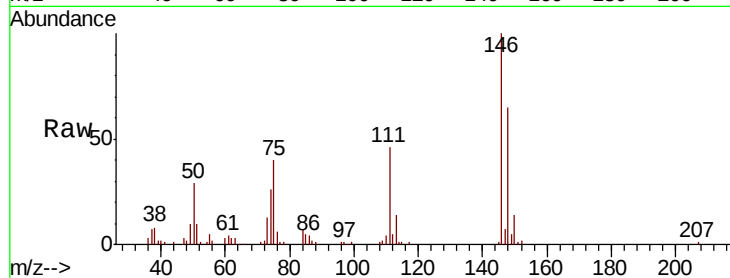
Tot Ion:146 Resp: 52530

Ion Ratio Lower Upper

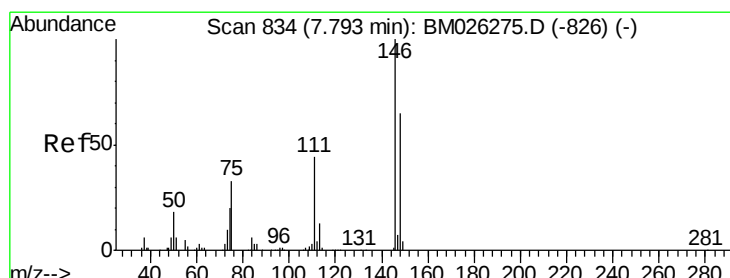
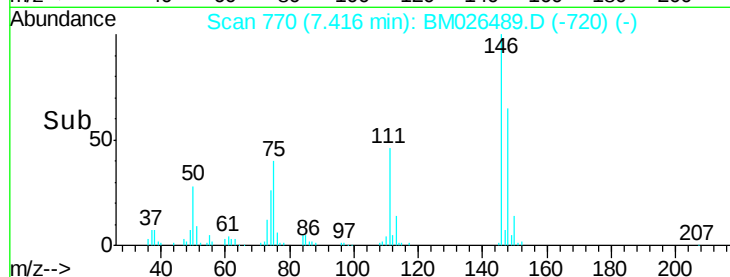
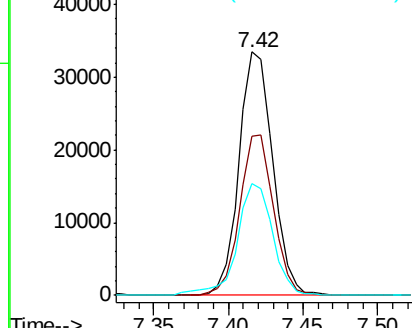
146 100

148 65.4 52.2 78.2

111 46.0 34.9 52.3



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: 7.360 ng

RT: 7.73 min Scan# 823

Delta R.T. -0.01 min

Lab File: BM026489.D

Acq: 22 Jun 2020 14:18

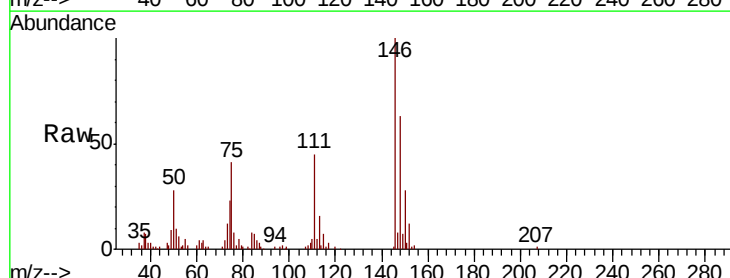
Tgt Ion:146 Resp: 52414

Ion Ratio Lower Upper

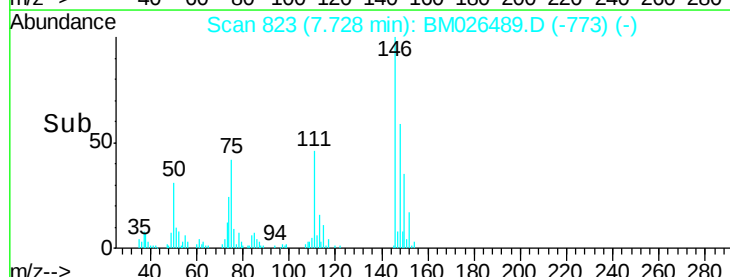
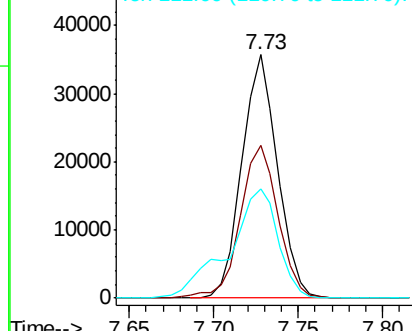
146 100

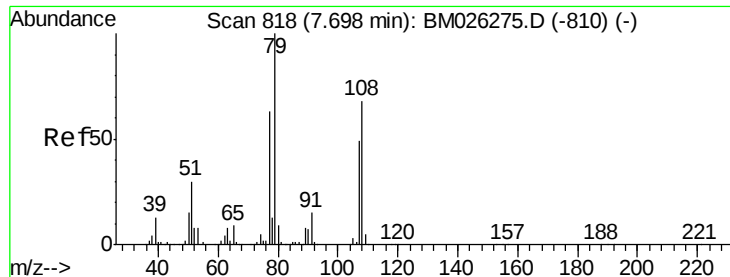
148 62.7 50.8 76.2

111 44.7 35.4 53.0



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: 6.727 ng

RT: 7.64 min Scan# 808

Delta R.T. -0.00 min

Lab File: BM026489.D

Acq: 22 Jun 2020 14:18

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-03-QT2-2020

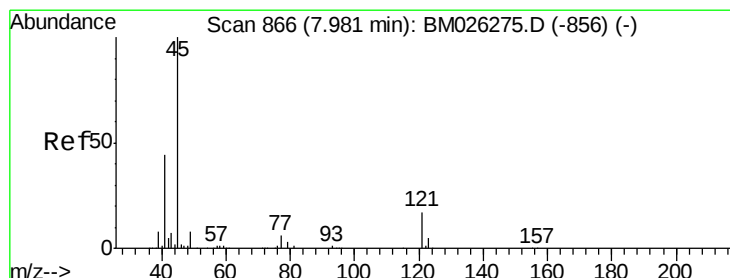
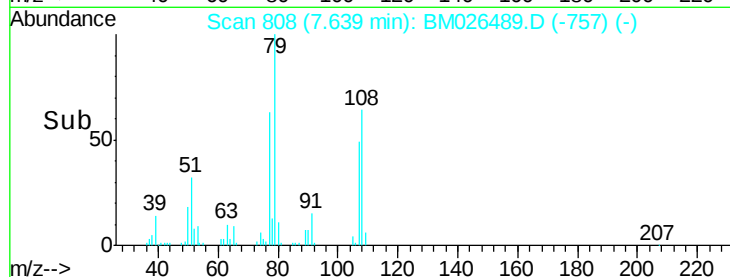
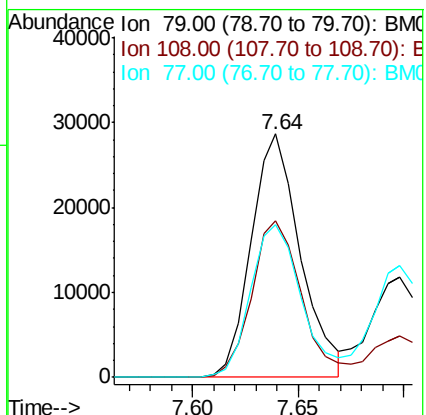
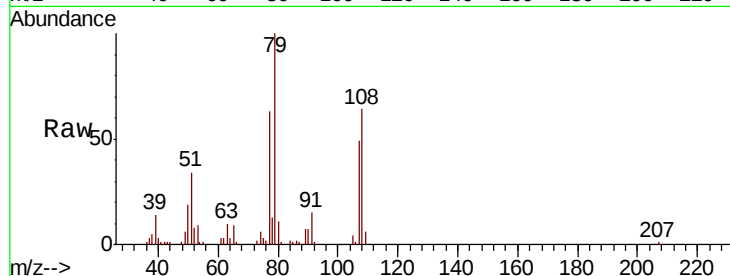
Tot Ion: 79 Resp: 46364

Ion Ratio Lower Upper

79 100

108 64.2 54.6 82.0

77 62.7 51.0 76.4



#16

2,2'-oxybis(1-chloropropane)

Concen: 7.666 ng

RT: 7.93 min Scan# 857

Delta R.T. 0.01 min

Lab File: BM026489.D

Acq: 22 Jun 2020 14:18

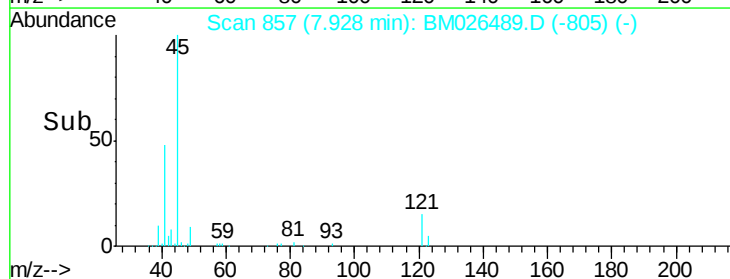
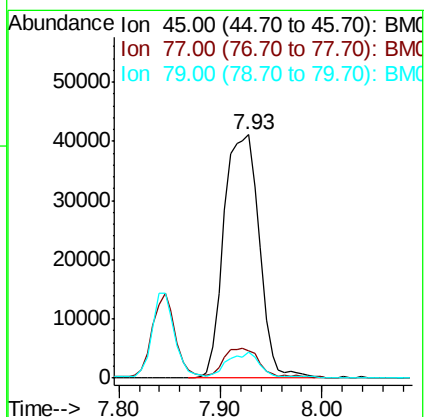
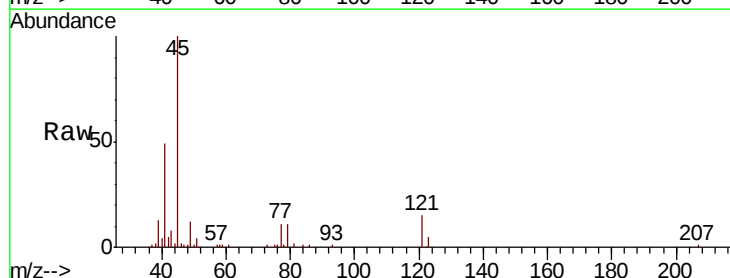
Tgt Ion: 45 Resp: 99674

Ion Ratio Lower Upper

45 100

77 11.0 0.0 31.8

79 10.6 0.0 28.9

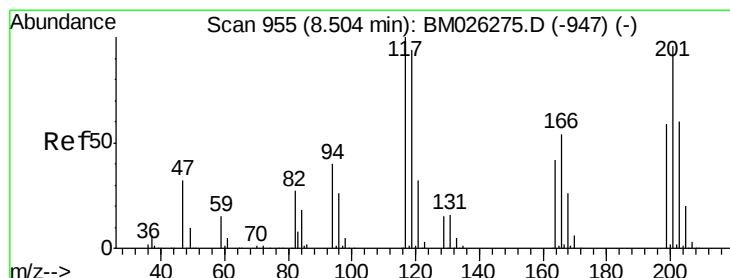
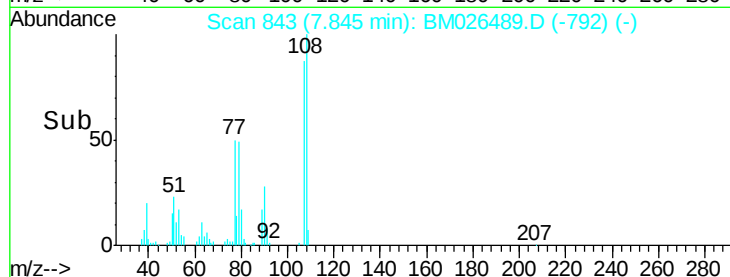
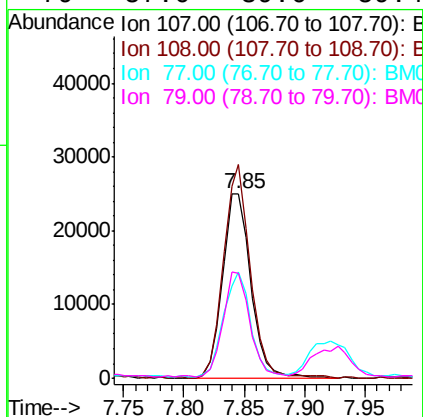
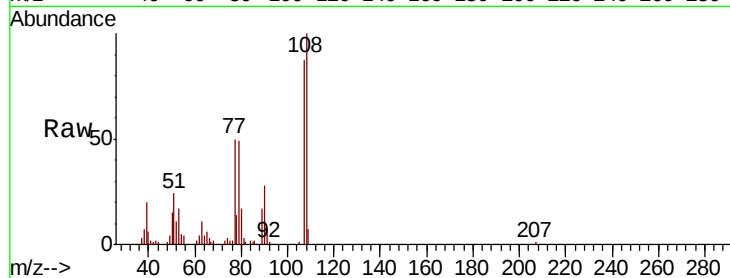




#17
2-Methylphenol
Concen: 6.475 ng
RT: 7.85 min Scan# 843
Delta R.T. -0.00 min
Lab File: BM026489.D
Acq: 22 Jun 2020 14:18

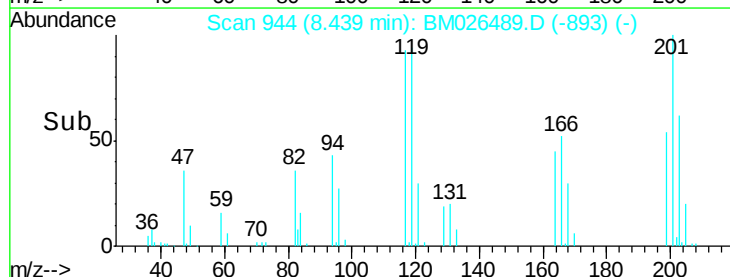
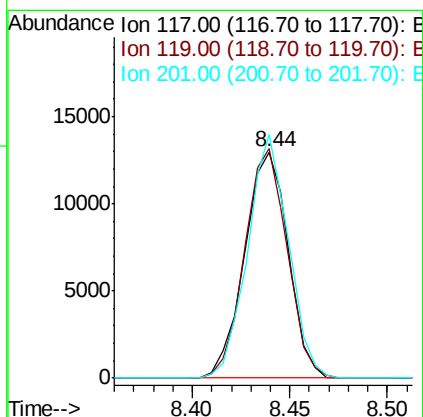
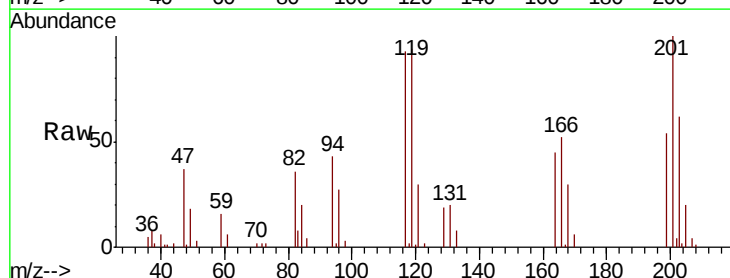
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT2-2020

Tot Ion:	107	Resp:	40905
Ion	Ratio	Lower	Upper
107	100		
108	115.5	88.5	132.7
77	57.5	40.6	60.8
79	57.0	39.6	59.4



#18
Hexachloroethane
Concen: 7.244 ng
RT: 8.44 min Scan# 944
Delta R.T. -0.00 min
Lab File: BM026489.D
Acq: 22 Jun 2020 14:18

Tgt Ion:	117	Resp:	20002
Ion	Ratio	Lower	Upper
117	100		
119	101.5	77.8	116.6
201	107.9	79.9	119.9

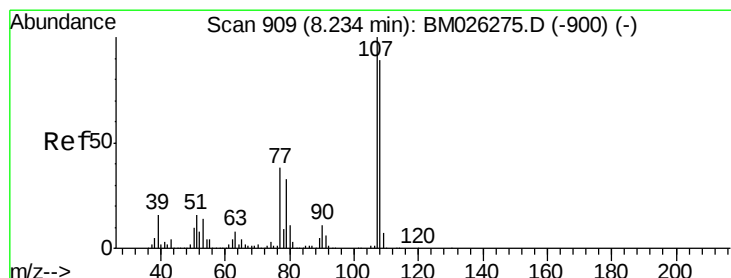
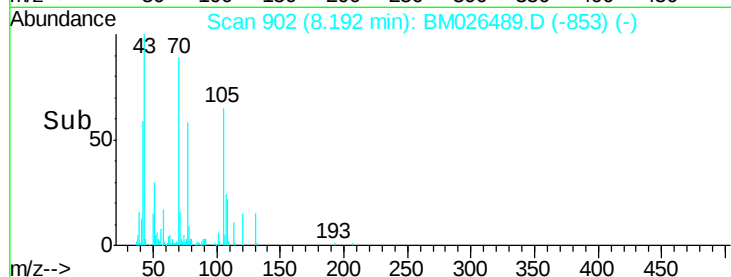
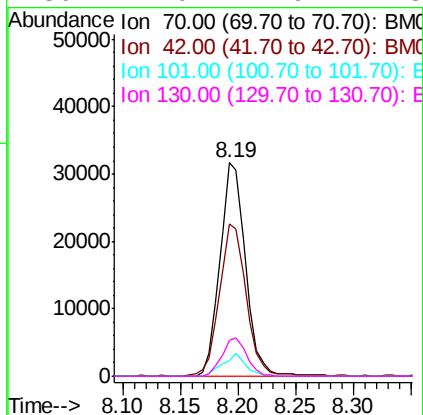
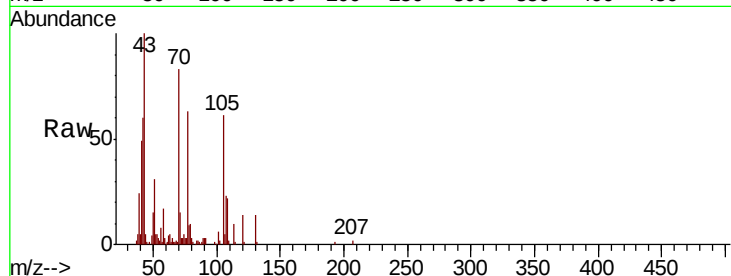




#19
n-Nitroso-di-n-propylamine
Concen: 7.712 ng
RT: 8.19 min Scan# 902
Delta R.T. -0.01 min
Lab File: BM026489.D
Acq: 22 Jun 2020 14:18

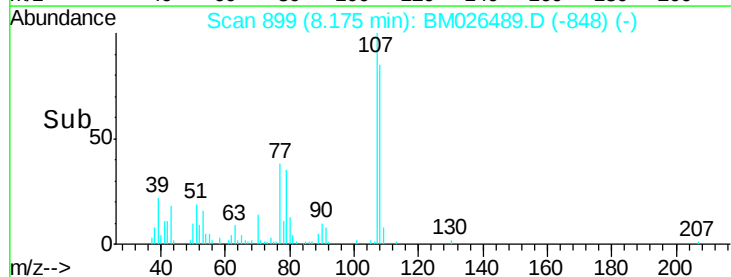
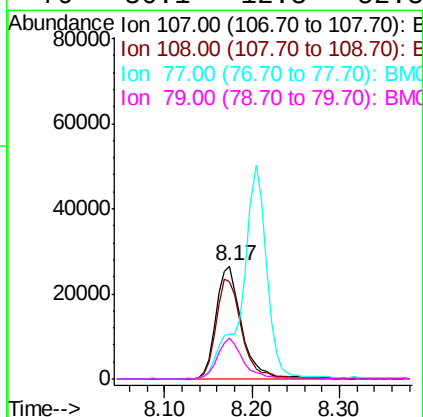
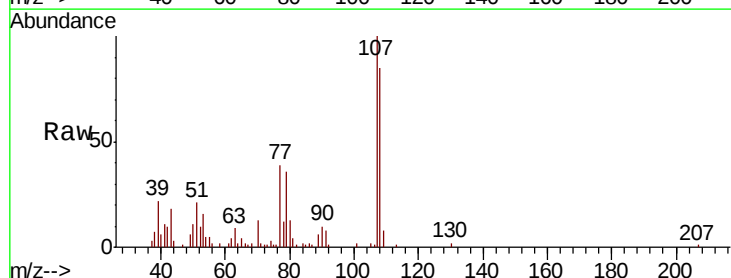
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT2-2020

Tot Ion: 70 Resp: 48774
Ion Ratio Lower Upper
70 100
42 71.4 52.2 78.4
101 7.2 7.0 10.6
130 17.0 14.9 22.3



#20
3+4-Methylphenols
Concen: 6.291 ng
RT: 8.17 min Scan# 899
Delta R.T. -0.00 min
Lab File: BM026489.D
Acq: 22 Jun 2020 14:18

Tgt Ion: 107 Resp: 54165
Ion Ratio Lower Upper
107 100
108 85.5 70.4 110.4
77 39.5 17.3 57.3
79 36.1 12.3 52.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.14 min Scan# 1233

Delta R.T. -0.01 min

Lab File: BM026489.D

Acq: 22 Jun 2020 14:18

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-03-QT2-2020

Tot Ion:136 Resp: 419820

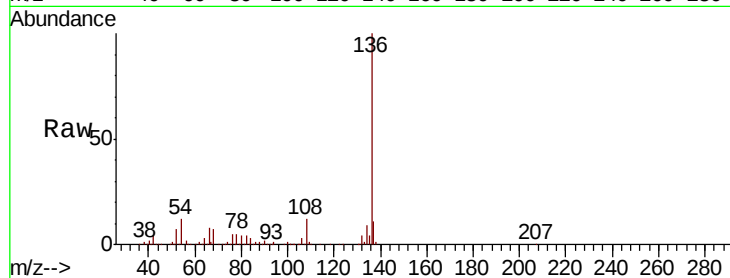
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 11.6 9.0 13.6

68 6.7 5.6 8.4

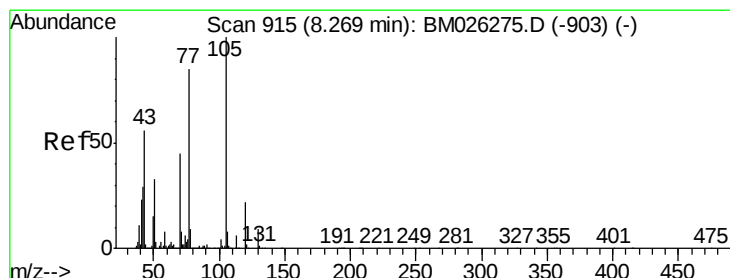
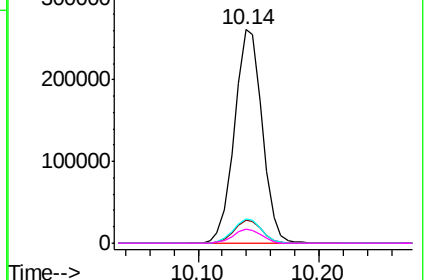
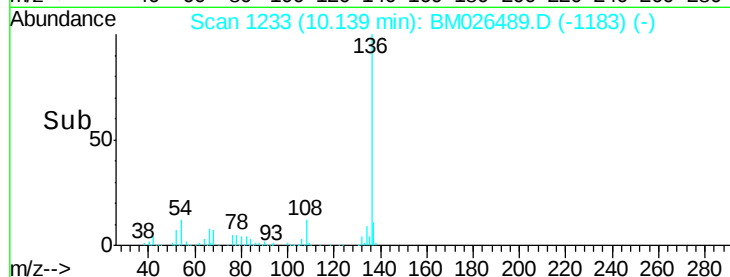


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#22

Acetophenone

Concen: 7.927 ng

RT: 8.20 min Scan# 904

Delta R.T. -0.01 min

Lab File: BM026489.D

Acq: 22 Jun 2020 14:18

Tgt Ion:105 Resp: 85568

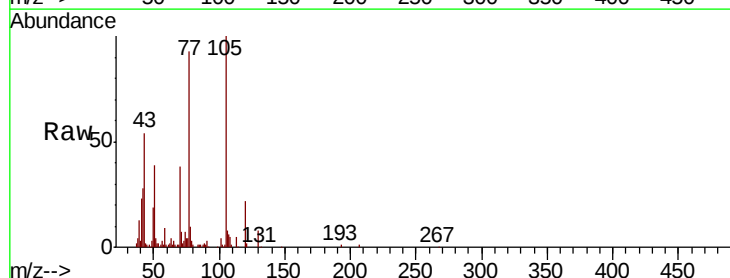
Ion Ratio Lower Upper

105 100

71 7.3 4.5 6.7#

51 39.5 25.2 37.8#

120 22.1 17.0 25.6

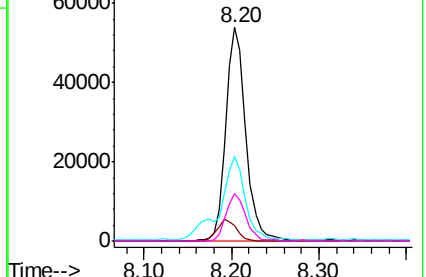
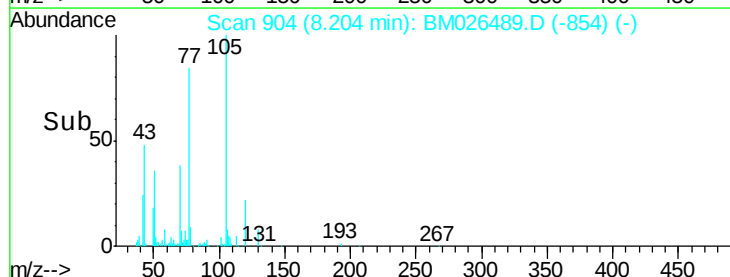


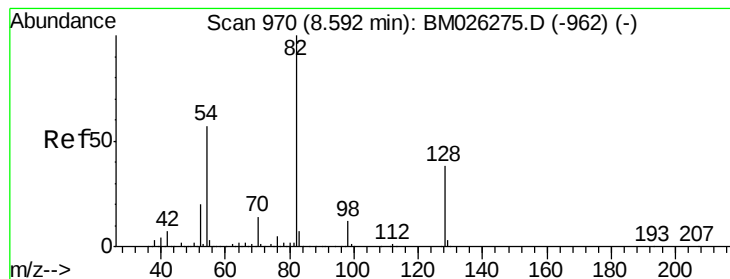
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM

Ion 51.00 (50.70 to 51.70): BM

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 117.176 ng

RT: 8.53 min Scan# 960

Delta R.T. -0.01 min

Lab File: BM026489.D

Acq: 22 Jun 2020 14:18

Instrument :

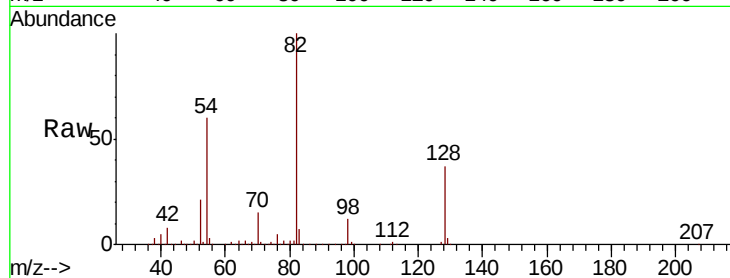
BNA_M

ClientSampleId :

MDL-SOIL-03-QT2-2020

Tot Ion: 82 Resp: 1001897

Ion	Ratio	Lower	Upper
82	100		
128	36.8	31.0	46.6
54	60.4	45.4	68.2

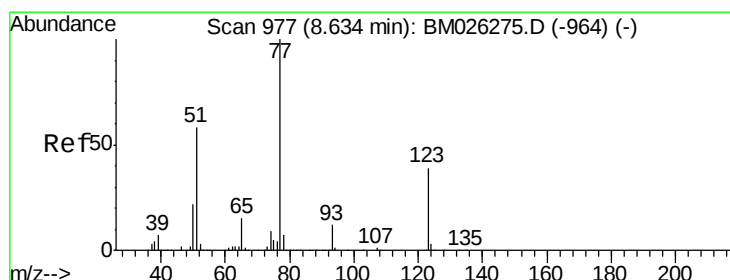
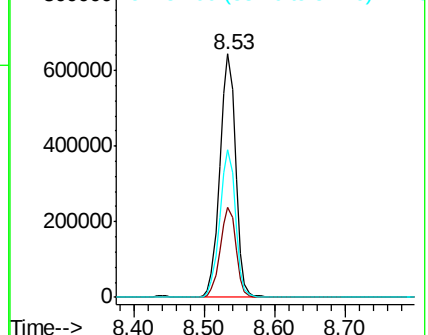
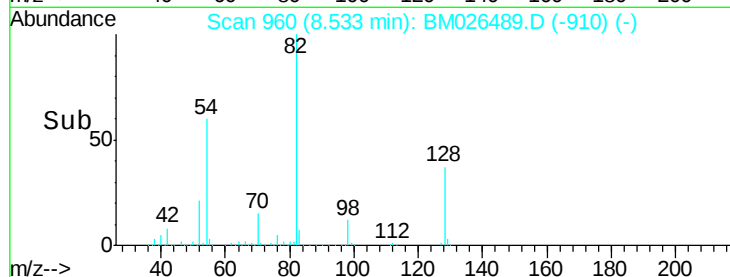


Abundance

Ion 82.00 (81.70 to 82.70): BM026275.D (-962) (-)

Ion 128.00 (127.70 to 128.70): BM026275.D (-962) (-)

Ion 54.00 (53.70 to 54.70): BM026275.D (-962) (-)



#24

Nitrobenzene

Concen: 8.035 ng

RT: 8.57 min Scan# 967

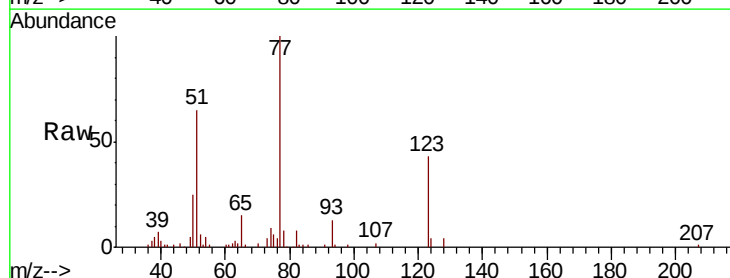
Delta R.T. -0.01 min

Lab File: BM026489.D

Acq: 22 Jun 2020 14:18

Tgt Ion: 77 Resp: 71918

Ion	Ratio	Lower	Upper
77	100		
123	42.5	32.0	48.0
65	15.3	11.8	17.8

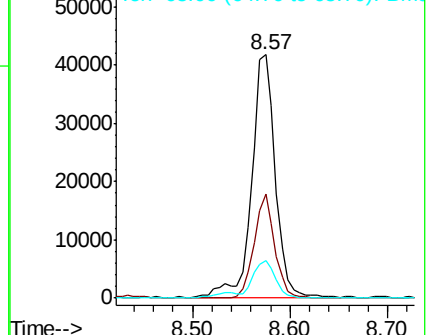
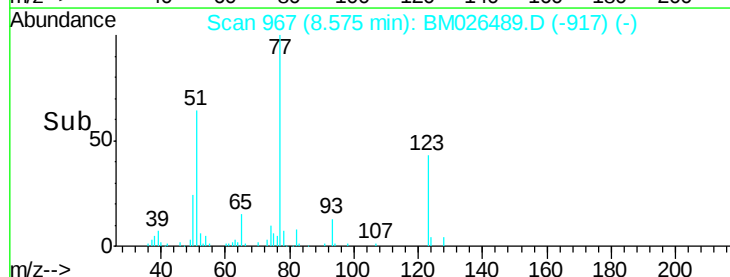


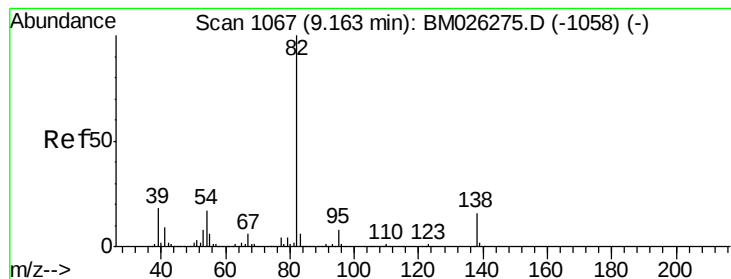
Abundance

Ion 77.00 (76.70 to 77.70): BM026275.D (-964) (-)

Ion 123.00 (122.70 to 123.70): BM026275.D (-964) (-)

Ion 65.00 (64.70 to 65.70): BM026275.D (-964) (-)





#25

Isophorone

Concen: 7.695 ng

RT: 9.10 min Scan# 1056

Delta R.T. -0.01 min

Lab File: BM026489.D

Acq: 22 Jun 2020 14:18

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-03-QT2-2020

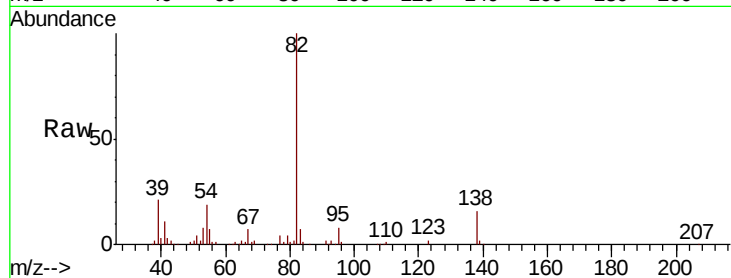
Tot Ion: 82 Resp: 123602

Ion Ratio Lower Upper

82 100

95 7.6 6.0 9.0

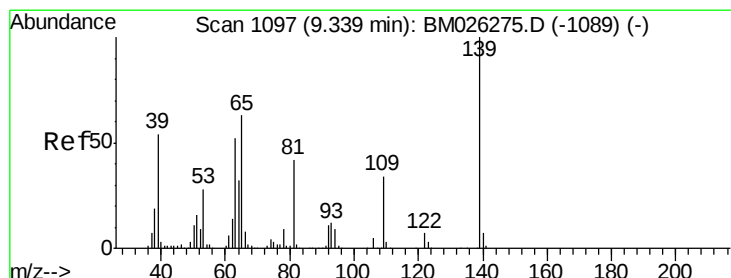
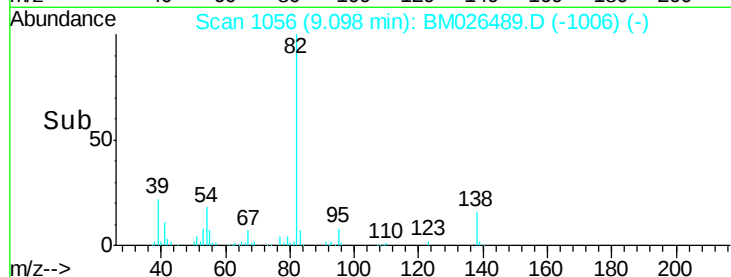
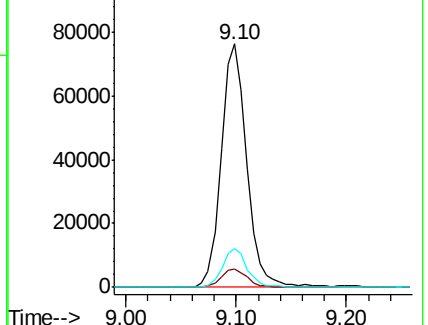
138 15.7 12.7 19.1



Abundance Ion 82.00 (81.70 to 82.70): BM026275.D (-1058) (-)

Ion 95.00 (94.70 to 95.70): BM026275.D (-1058) (-)

Ion 138.00 (137.70 to 138.70): BM026275.D (-1058) (-)



#26

2-Nitrophenol

Concen: 6.679 ng

RT: 9.28 min Scan# 1087

Delta R.T. -0.00 min

Lab File: BM026489.D

Acq: 22 Jun 2020 14:18

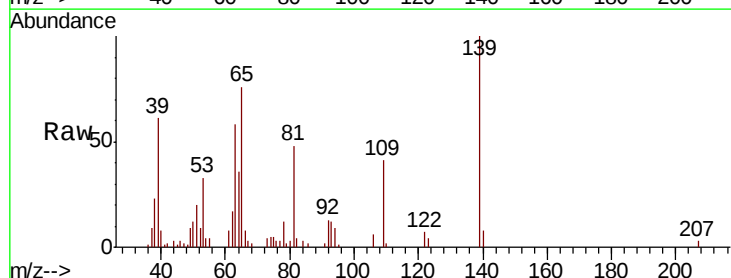
Tgt Ion: 139 Resp: 23660

Ion Ratio Lower Upper

139 100

109 40.6 25.2 37.8#

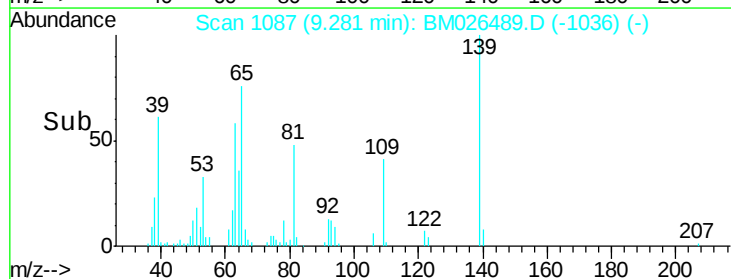
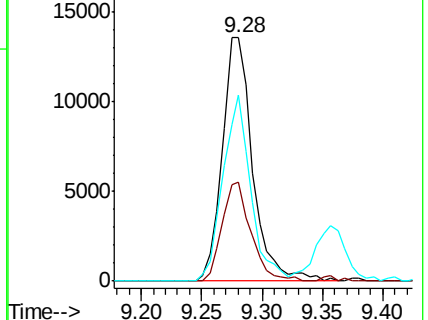
65 76.4 47.1 70.7#

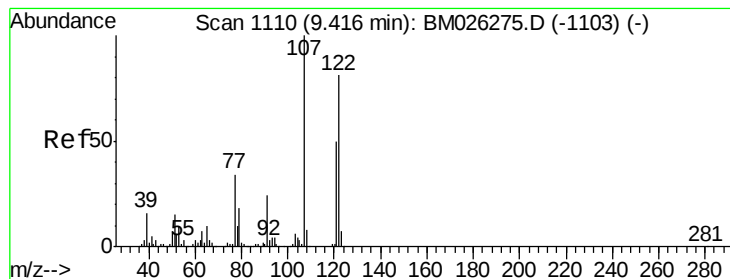


Abundance Ion 139.00 (138.70 to 139.70): BM026275.D (-1089) (-)

Ion 109.00 (108.70 to 109.70): BM026275.D (-1089) (-)

Ion 65.00 (64.70 to 65.70): BM026275.D (-1089) (-)





#27

2,4-Dimethylphenol

Concen: 6.127 ng

RT: 9.36 min Scan# 1100

Delta R.T. -0.01 min

Lab File: BM026489.D

Acq: 22 Jun 2020 14:18

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-03-QT2-2020

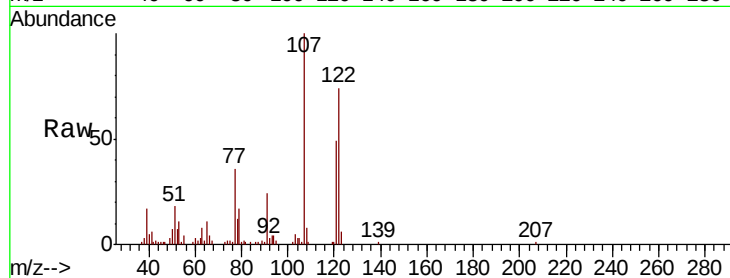
Tot Ion:122 Resp: 34263

Ion Ratio Lower Upper

122 100

107 135.8 96.1 144.1

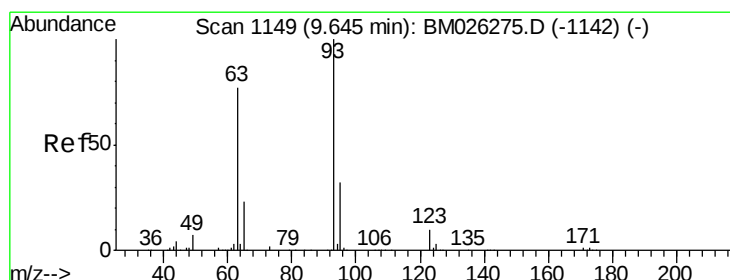
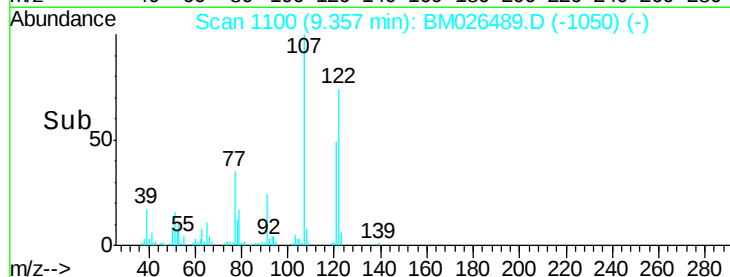
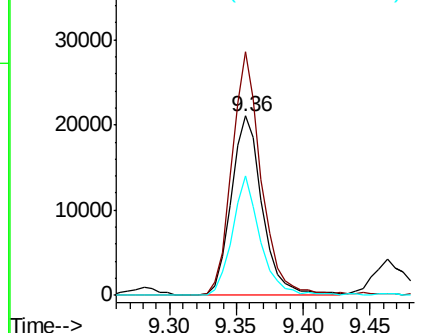
121 66.5 46.0 69.0



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: 7.792 ng

RT: 9.59 min Scan# 1139

Delta R.T. -0.01 min

Lab File: BM026489.D

Acq: 22 Jun 2020 14:18

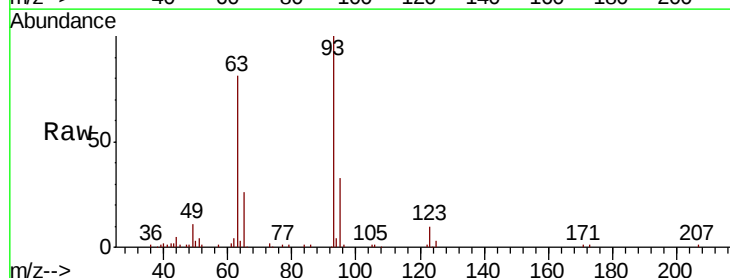
Tgt Ion: 93 Resp: 71010

Ion Ratio Lower Upper

93 100

95 32.8 25.9 38.9

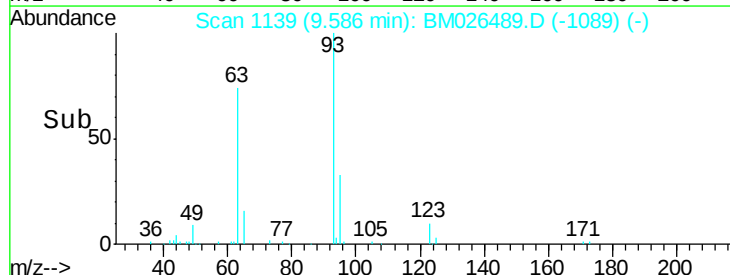
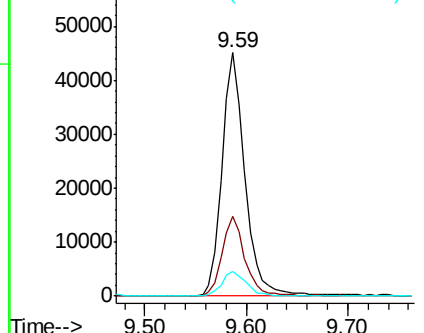
123 10.4 8.9 13.3



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

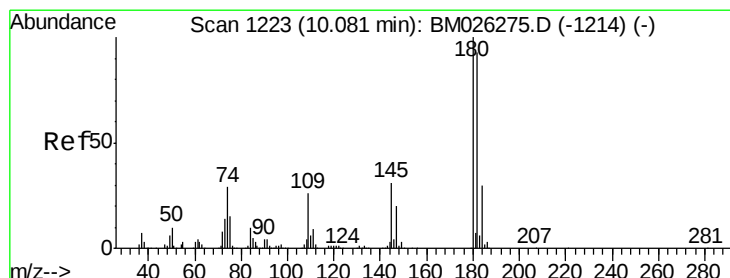
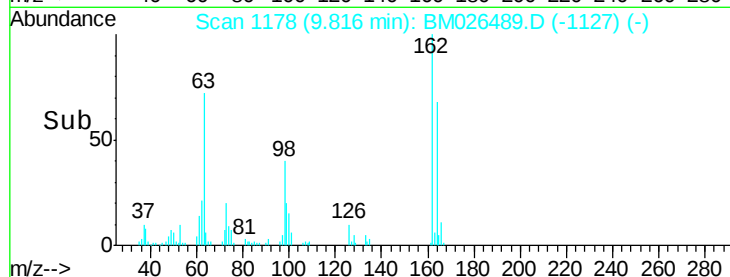
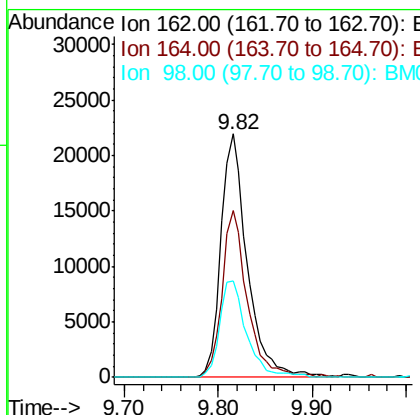
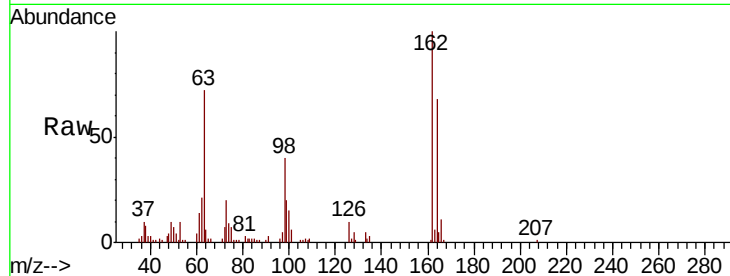




#29
 2,4-Dichlorophenol
 Concen: 6.979 ng
 RT: 9.82 min Scan# 1178
 Delta R.T. -0.00 min
 Lab File: BM026489.D
 Acq: 22 Jun 2020 14:18

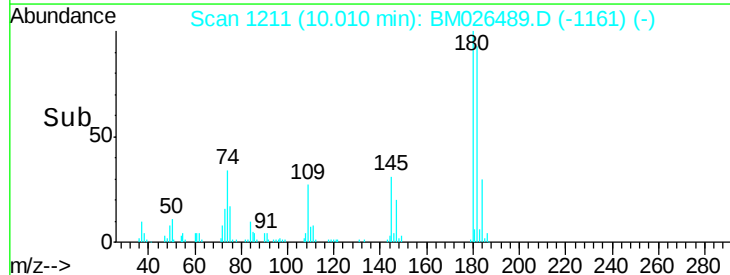
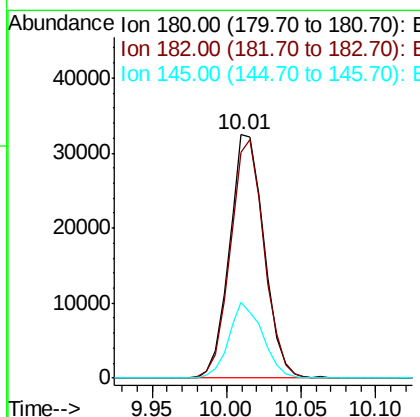
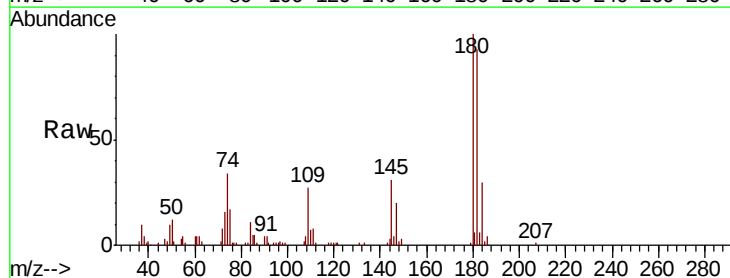
Instrument :
 BNA_M
 ClientSampleId :
 MDL-SOIL-03-QT2-2020

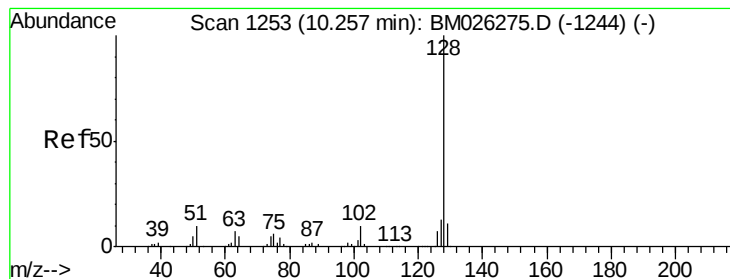
Tot Ion	Ratio	Lower	Upper
162	100		
164	68.4	46.2	86.2
98	39.5	19.0	59.0



#30
 1,2,4-Trichlorobenzene
 Concen: 7.797 ng
 RT: 10.01 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BM026489.D
 Acq: 22 Jun 2020 14:18

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.7	77.3	115.9
145	31.0	26.6	40.0

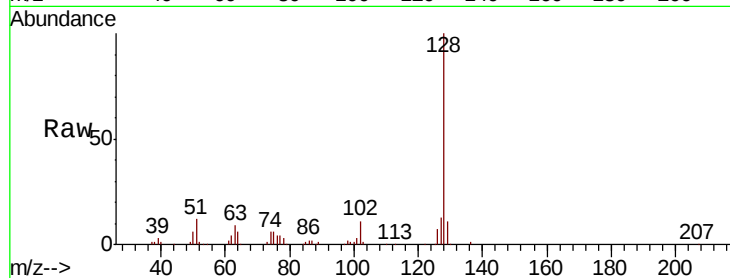




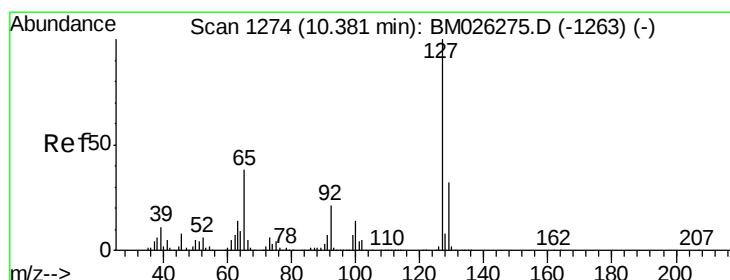
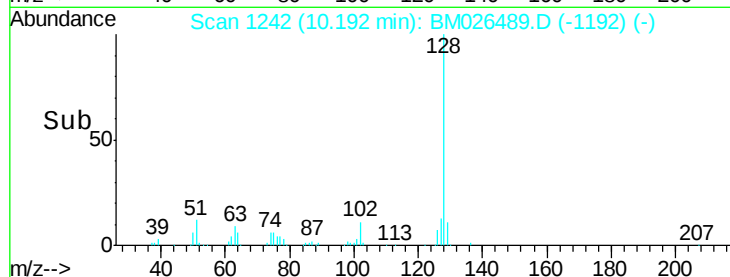
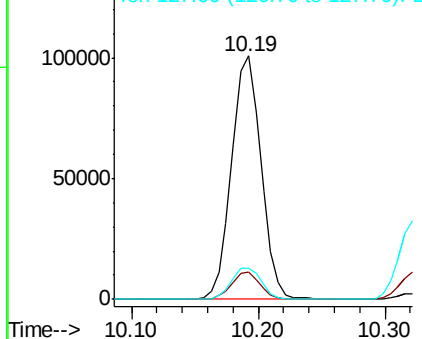
#31
Naphthalene
Concen: 7.679 ng
RT: 10.19 min Scan# 1242
Delta R.T. -0.01 min
Lab File: BM026489.D
Acq: 22 Jun 2020 14:18

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT2-2020

Tot Ion:128 Resp: 162454
Ion Ratio Lower Upper
128 100
129 11.1 8.4 12.6
127 12.8 10.2 15.4

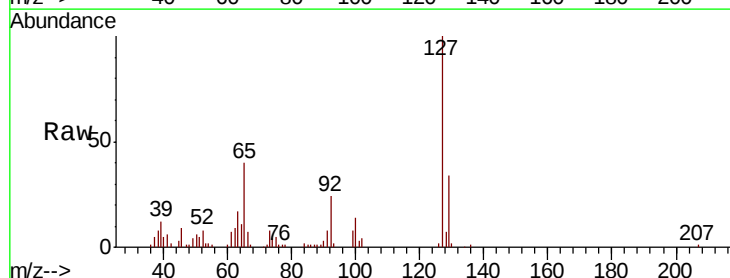


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

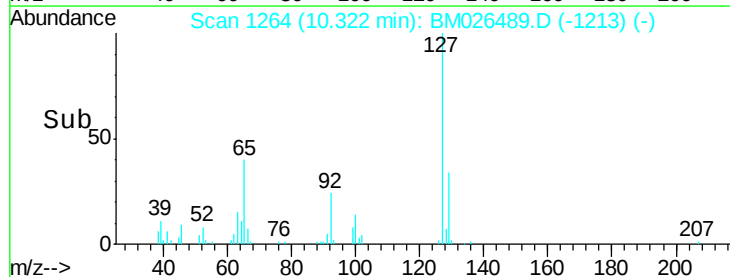
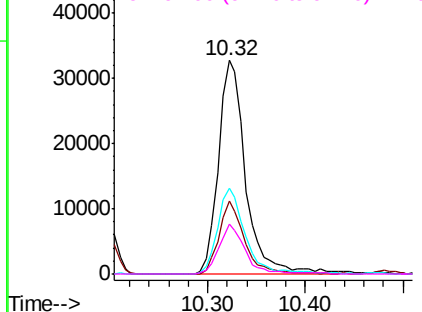


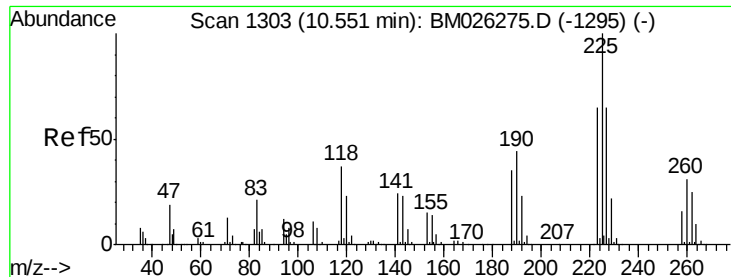
#33
4-Chloroaniline
Concen: 6.865 ng
RT: 10.32 min Scan# 1264
Delta R.T. -0.00 min
Lab File: BM026489.D
Acq: 22 Jun 2020 14:18

Tgt Ion:127 Resp: 63348
Ion Ratio Lower Upper
127 100
129 33.9 25.3 37.9
65 39.9 30.0 45.0
92 23.6 17.1 25.7



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

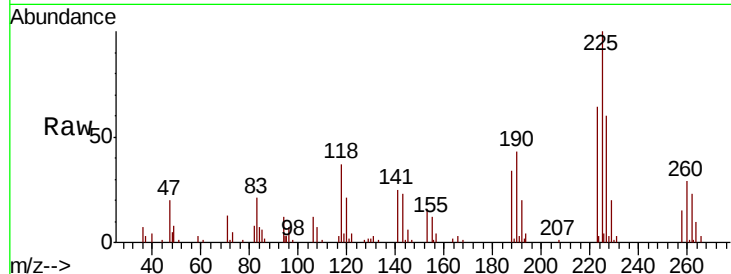




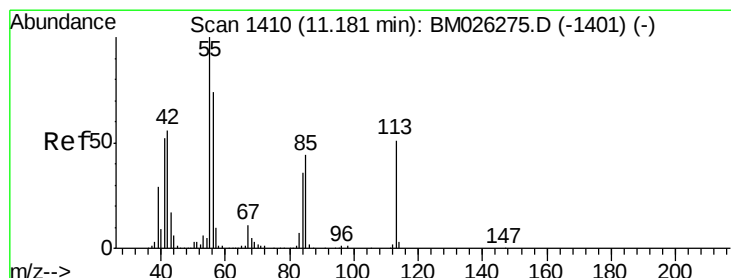
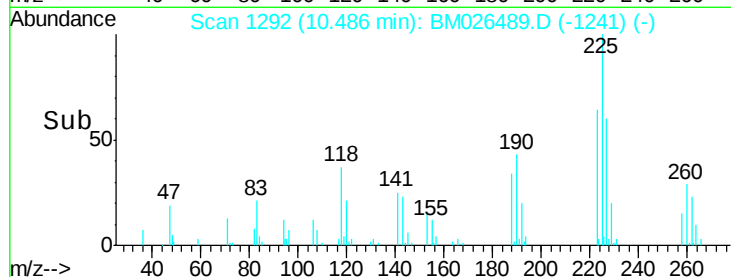
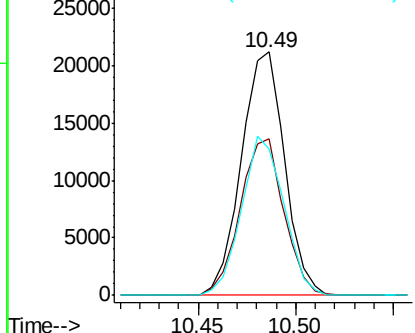
#34
Hexachlorobutadiene
Concen: 7.659 ng
RT: 10.49 min Scan# 1292
Delta R.T. -0.00 min
Lab File: BM026489.D
Acq: 22 Jun 2020 14:18

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT2-2020

Tot Ion:225 Resp: 32530
Ion Ratio Lower Upper
225 100
223 64.5 50.2 75.4
227 60.3 49.5 74.3

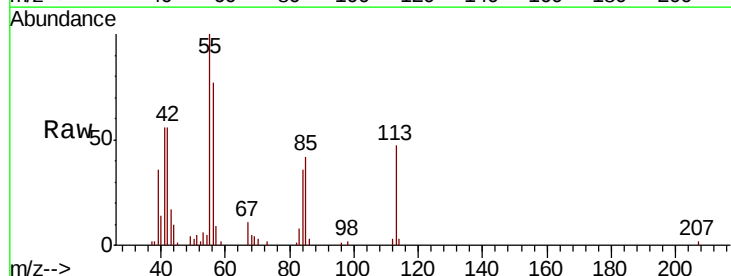


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

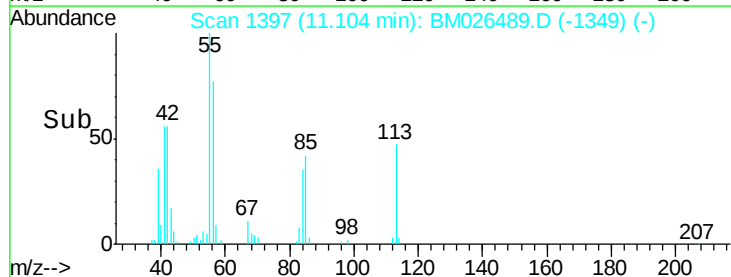
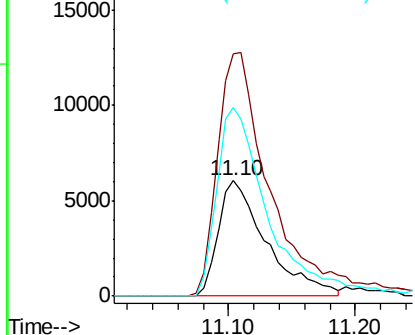


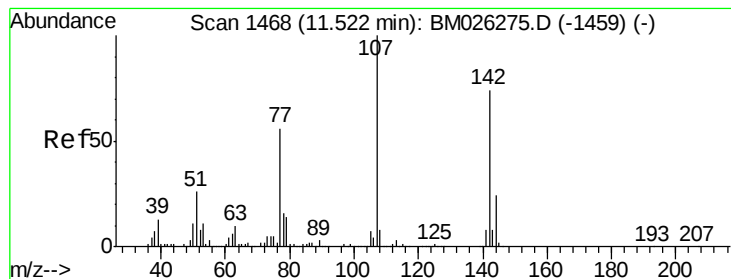
#35
Caprolactam
Concen: 7.418 ng
RT: 11.10 min Scan# 1397
Delta R.T. -0.02 min
Lab File: BM026489.D
Acq: 22 Jun 2020 14:18

Tgt Ion:113 Resp: 15991
Ion Ratio Lower Upper
113 100
55 210.7 177.1 217.1
56 163.2 134.8 174.8



Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BM0
Ion 56.00 (55.70 to 56.70): BM0





#36

4-Chloro-3-methylphenol

Concen: 7.467 ng

RT: 11.46 min Scan# 1458

Delta R.T. -0.01 min

Lab File: BM026489.D

Acq: 22 Jun 2020 14:18

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-03-QT2-2020

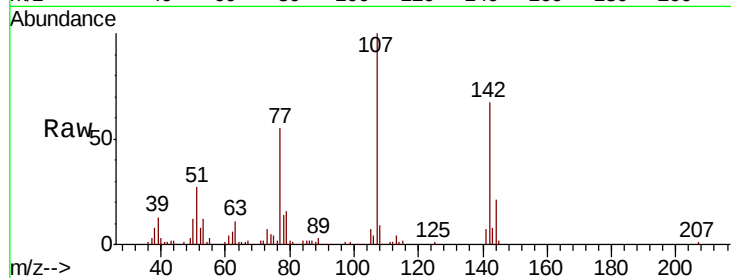
Tot Ion:107 Resp: 55823

Ion Ratio Lower Upper

107 100

144 20.6 18.7 28.1

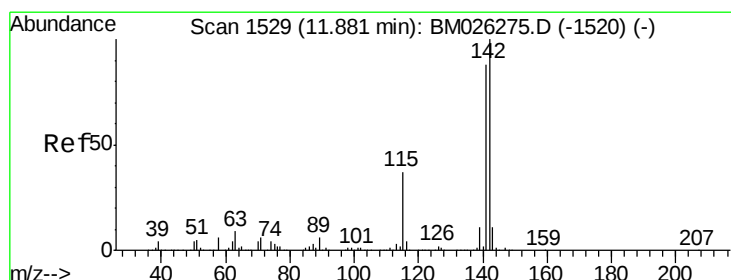
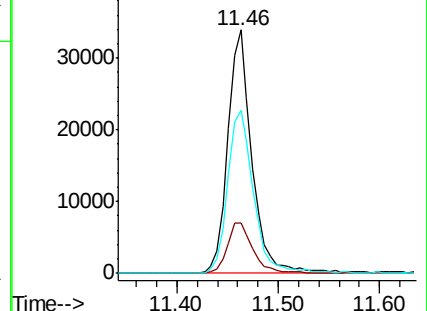
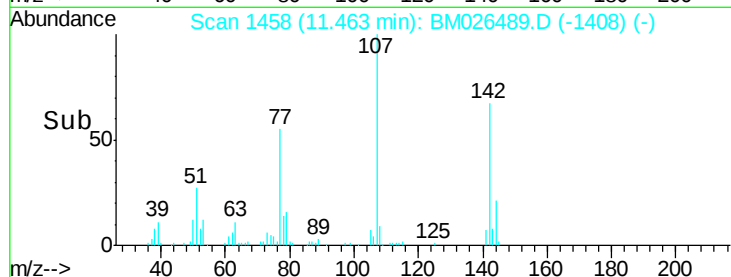
142 67.2 57.7 86.5



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E



#37

2-Methylnaphthalene

Concen: 8.005 ng

RT: 11.82 min Scan# 1518

Delta R.T. -0.01 min

Lab File: BM026489.D

Acq: 22 Jun 2020 14:18

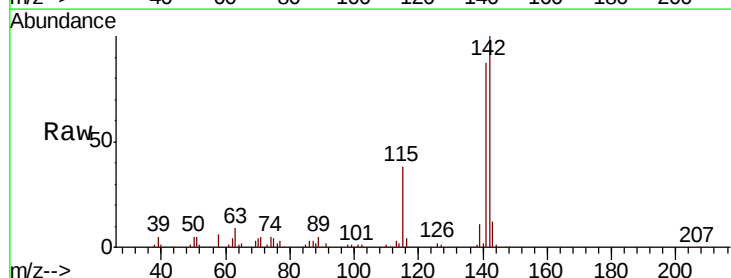
Tgt Ion:142 Resp: 120680

Ion Ratio Lower Upper

142 100

141 86.7 70.5 105.7

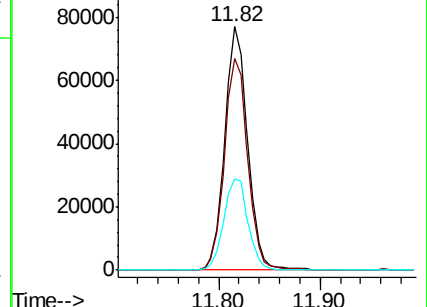
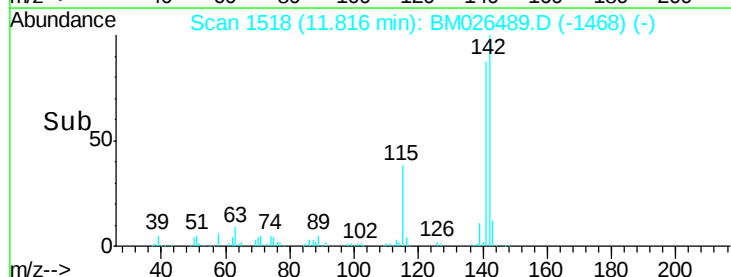
115 37.7 30.2 45.4

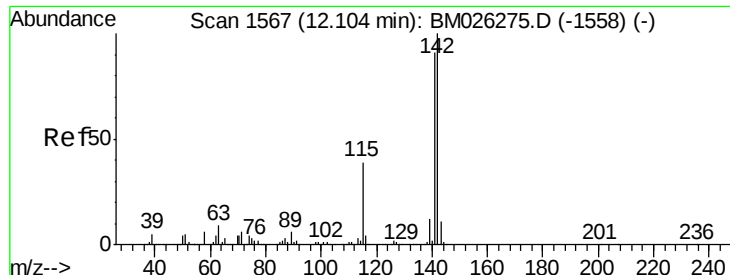


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

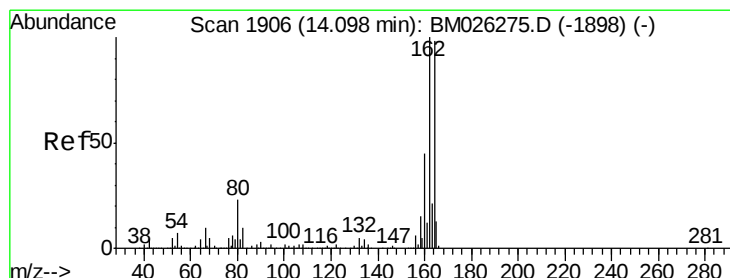
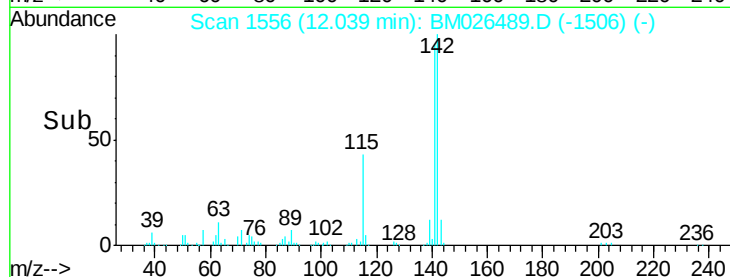
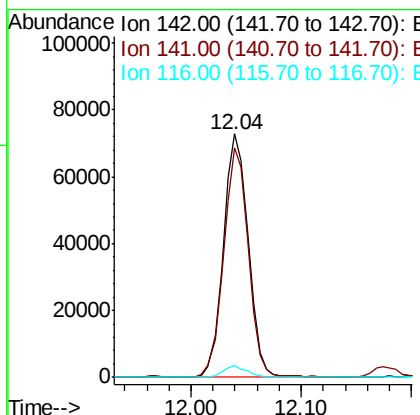
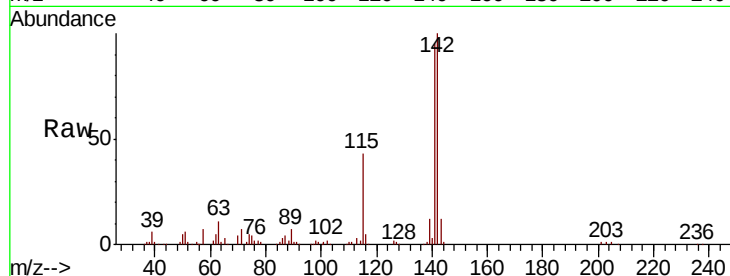




#38
1-Methylnaphthalene
Concen: 8.045 ng
RT: 12.04 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BM026489.D
Acq: 22 Jun 2020 14:18

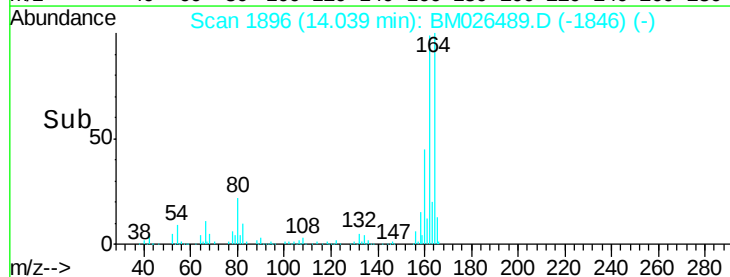
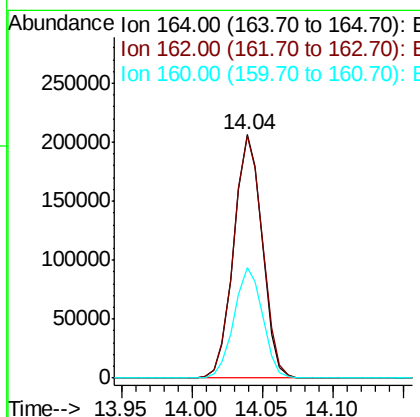
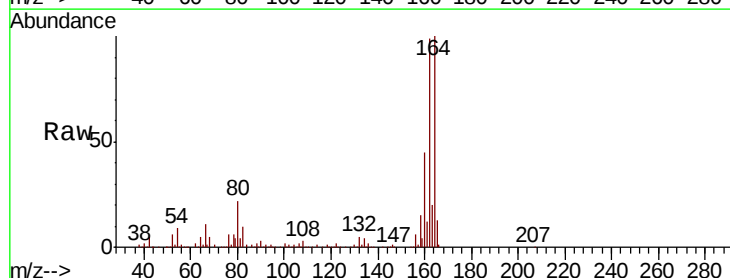
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT2-2020

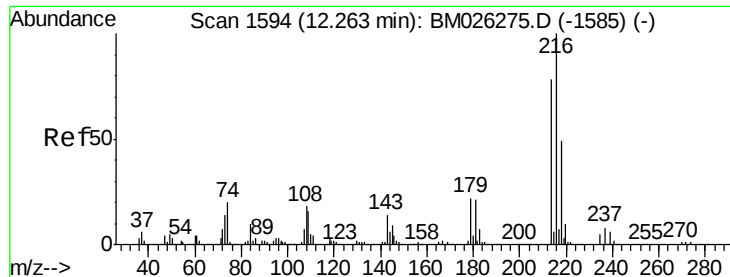
Tot Ion	Ratio	Lower	Upper
142	100		
141	94.5	73.3	109.9
116	5.0	3.4	5.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.04 min Scan# 1896
Delta R.T. -0.01 min
Lab File: BM026489.D
Acq: 22 Jun 2020 14:18

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.4	77.7	116.5
160	45.5	34.2	51.2





#40

1,2,4,5-Tetrachlorobenzene

Concen: 8.025 ng

RT: 12.20 min Scan# 1584

Delta R.T. -0.00 min

Lab File: BM026489.D

Acq: 22 Jun 2020 14:18

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-03-QT2-2020

Tot Ion:216 Resp: 65945

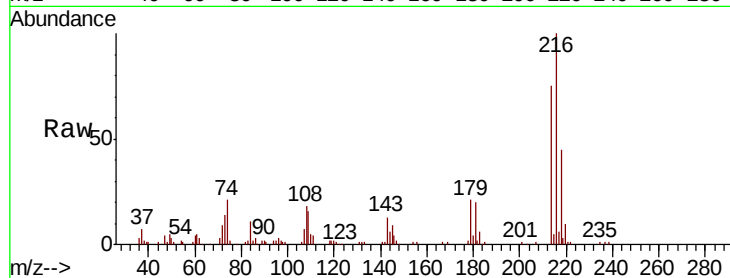
Ion Ratio Lower Upper

216 100

214 76.8 61.9 92.9

179 21.4 16.3 24.5

108 20.8 15.3 22.9

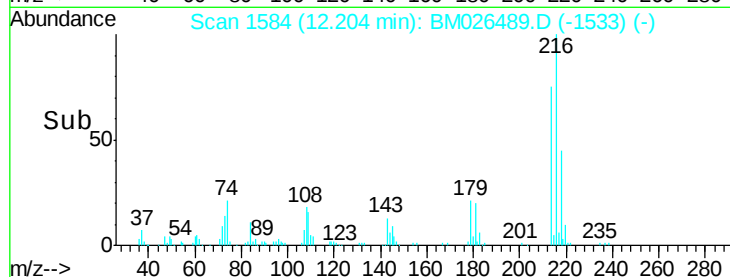


Abundance Ion 216.00 (215.70 to 216.70): E

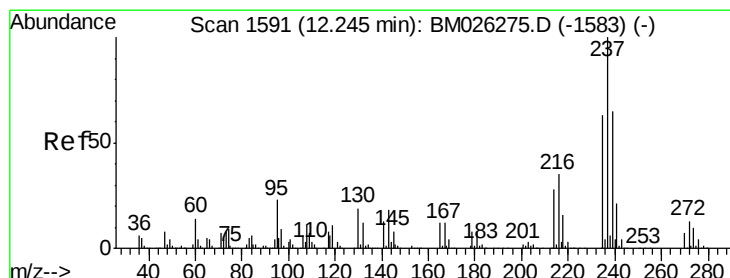
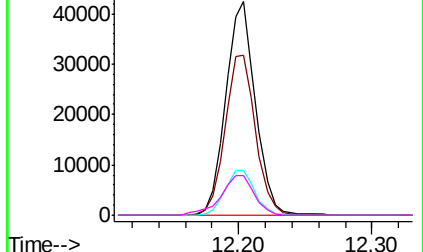
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#41

Hexachlorocyclopentadiene

Concen: 7.238 ng

RT: 12.18 min Scan# 1580

Delta R.T. -0.01 min

Lab File: BM026489.D

Acq: 22 Jun 2020 14:18

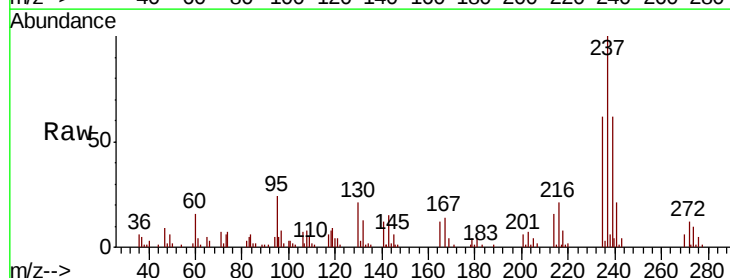
Tgt Ion:237 Resp: 35048

Ion Ratio Lower Upper

237 100

235 62.2 42.1 82.1

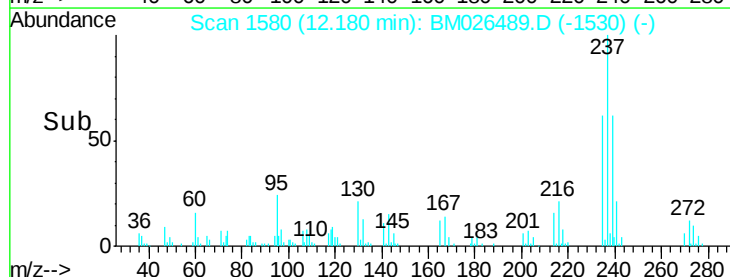
272 11.5 0.0 33.5



Abundance Ion 236.80 (236.50 to 237.50): E

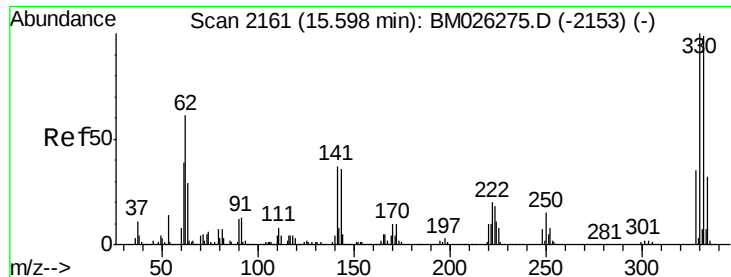
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



Time-->

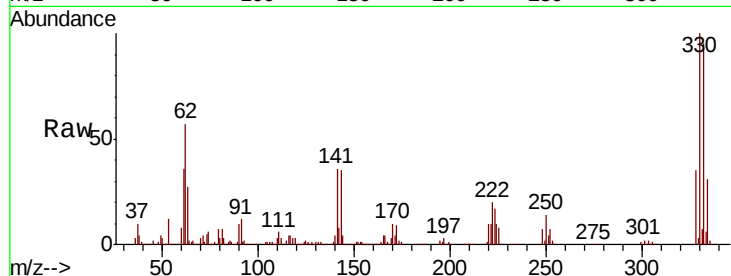




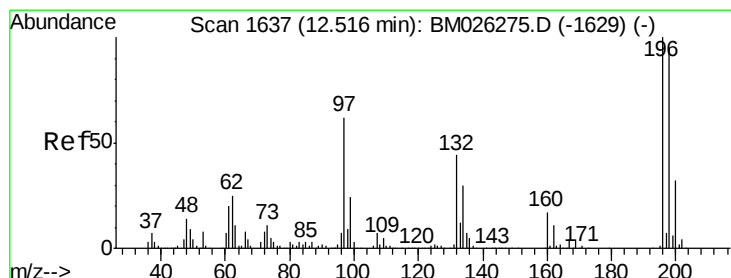
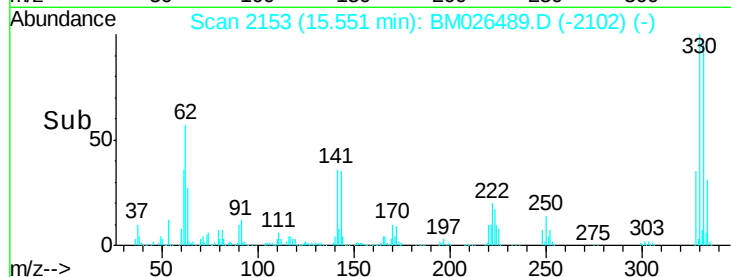
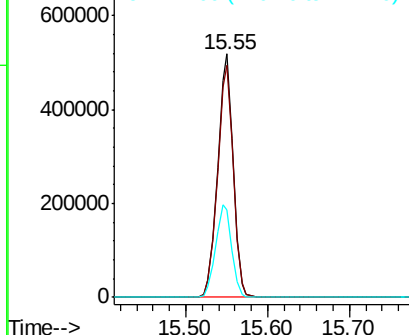
#42
 2,4,6-Tribromophenol
 Concen: 196.335 ng
 RT: 15.55 min Scan# 2153
 Delta R.T. -0.00 min
 Lab File: BM026489.D
 Acq: 22 Jun 2020 14:18

Instrument :
 BNA_M
 ClientSampleId :
 MDL-SOIL-03-QT2-2020

Tot Ion:330 Resp: 686525
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.7 116.5
 141 39.6 29.7 44.5

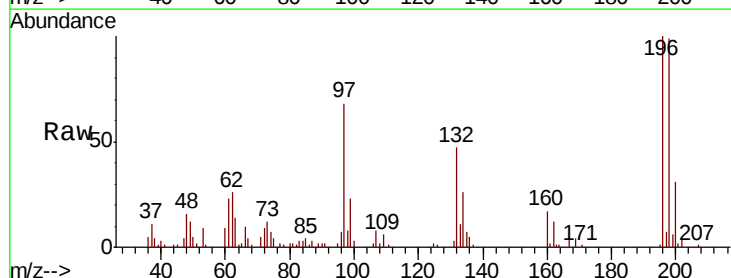


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

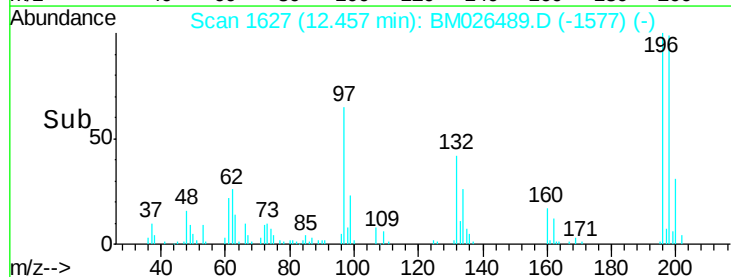
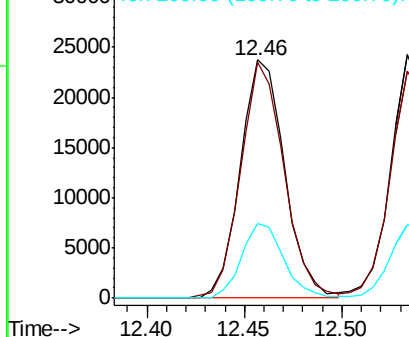


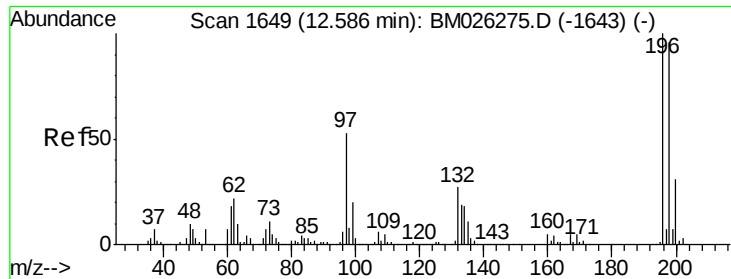
#43
 2,4,6-Trichlorophenol
 Concen: 6.722 ng
 RT: 12.46 min Scan# 1627
 Delta R.T. -0.01 min
 Lab File: BM026489.D
 Acq: 22 Jun 2020 14:18

Tgt Ion:196 Resp: 37387
 Ion Ratio Lower Upper
 196 100
 198 99.0 79.0 118.4
 200 31.1 25.2 37.8



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

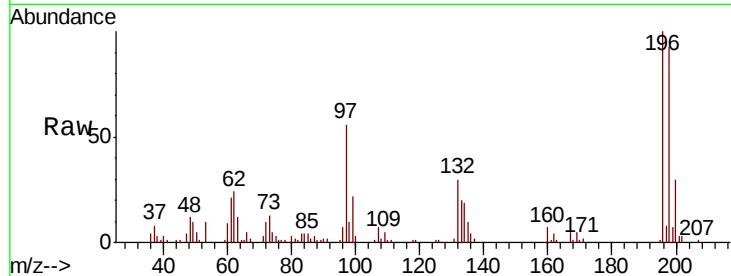




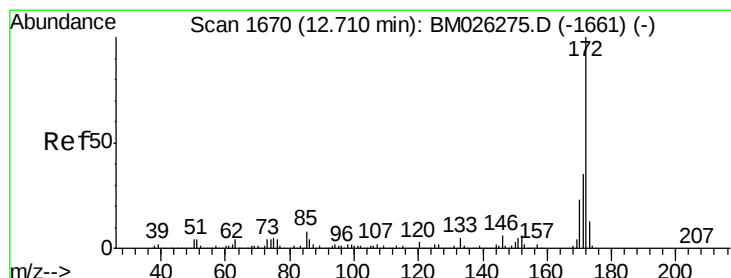
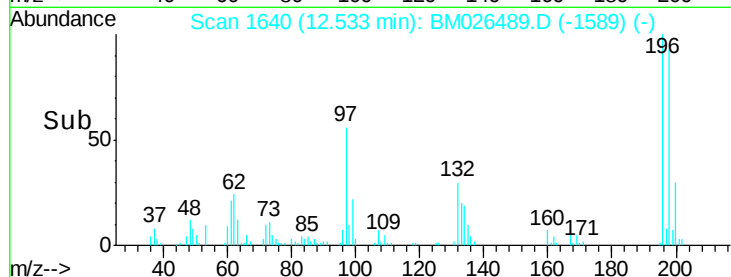
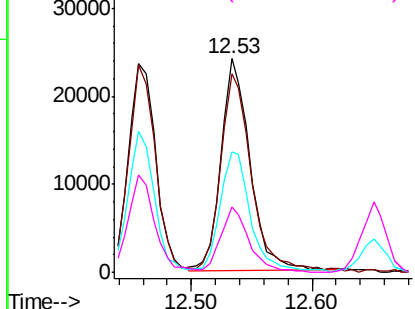
#44
2,4,5-Trichlorophenol
Concen: 6.188 ng
RT: 12.53 min Scan# 1640
Delta R.T. -0.00 min
Lab File: BM026489.D
Acq: 22 Jun 2020 14:18

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT2-2020

Tot Ion:196 Resp: 39951
Ion Ratio Lower Upper
196 100
198 93.1 77.1 115.7
97 56.3 43.0 64.4
132 30.4 21.8 32.8

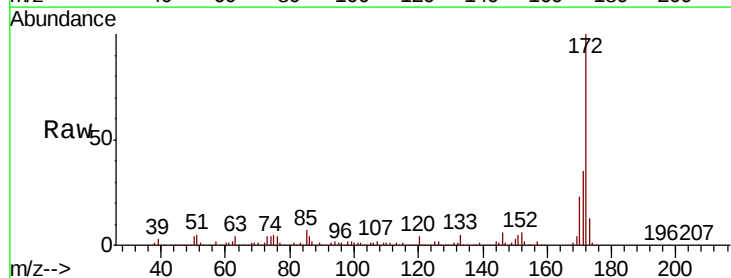


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BM0
Ion 132.00 (131.70 to 132.70): E

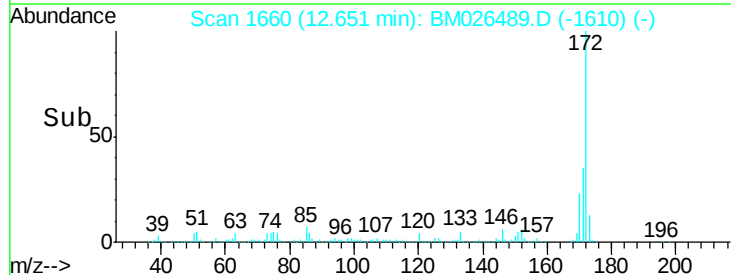
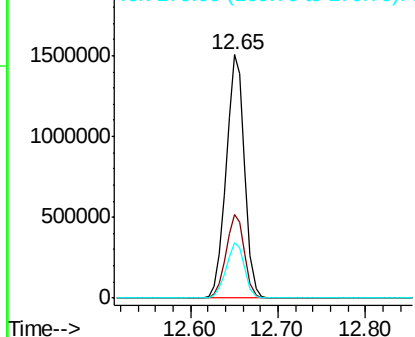


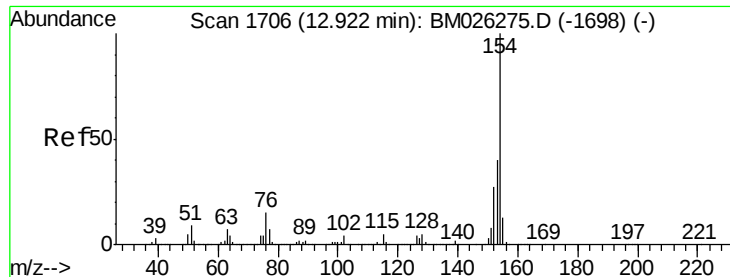
#45
2-Fluorobiphenyl
Concen: 114.124 ng
RT: 12.65 min Scan# 1660
Delta R.T. -0.01 min
Lab File: BM026489.D
Acq: 22 Jun 2020 14:18

Tgt Ion:172 Resp: 2170209
Ion Ratio Lower Upper
172 100
171 34.6 27.8 41.8
170 22.6 18.2 27.4



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

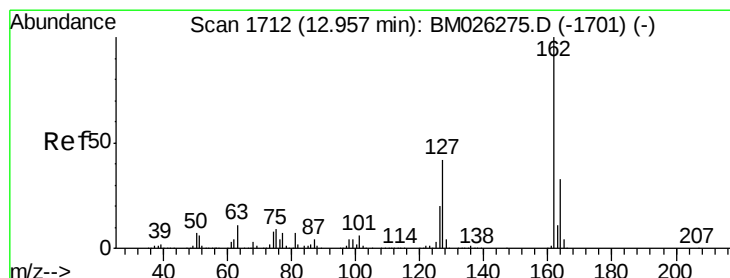
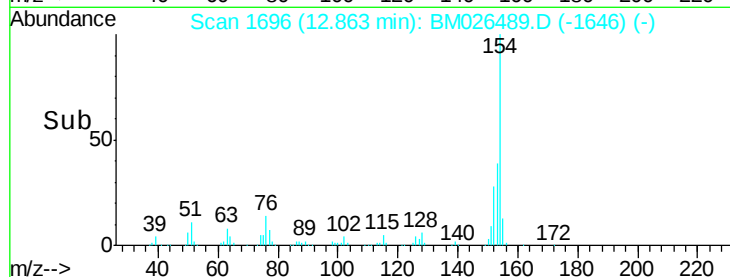
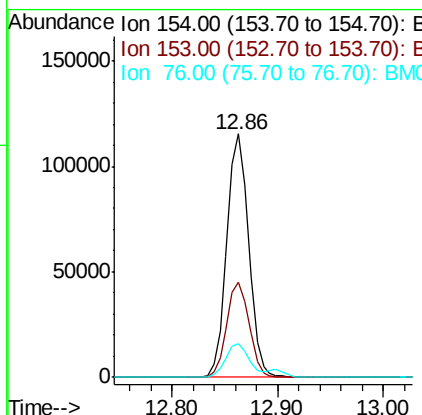
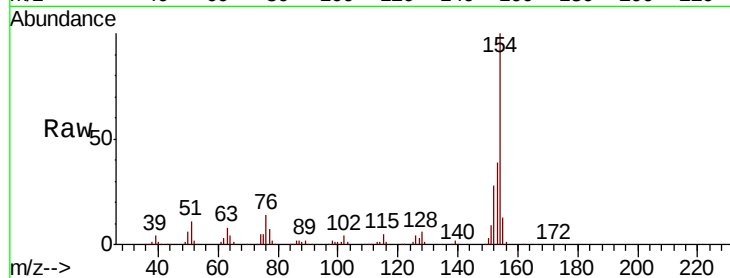




#46
 1,1'-Biphenyl
 Concen: 8.176 ng
 RT: 12.86 min Scan# 1696
 Delta R.T. -0.01 min
 Lab File: BM026489.D
 Acq: 22 Jun 2020 14:18

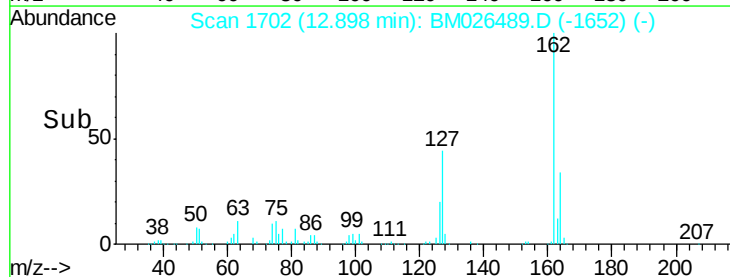
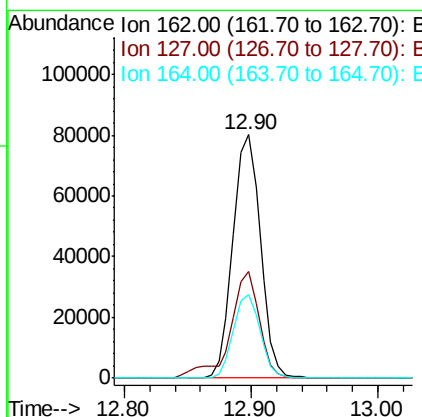
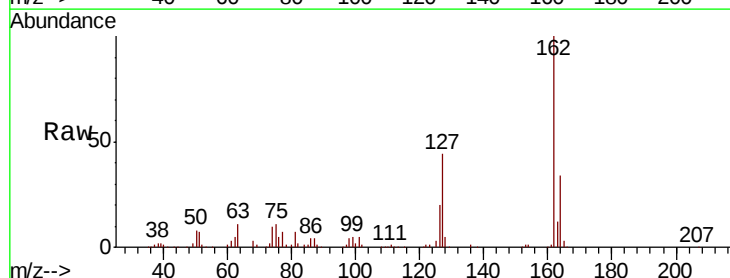
Instrument :
 BNA_M
 ClientSampleId :
 MDL-SOIL-03-QT2-2020

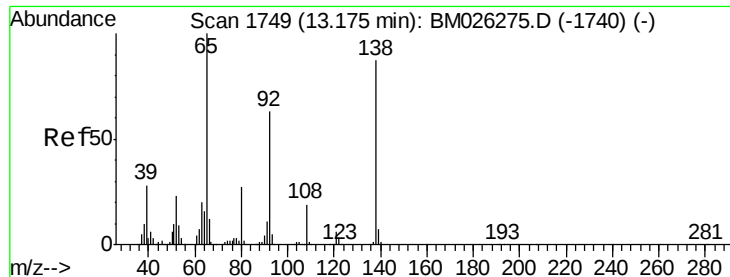
Tot Ion	Ratio	Lower	Upper
154	100		
153	39.0	20.0	60.0
76	14.0	0.0	34.6



#47
 2-Chloronaphthalene
 Concen: 7.335 ng
 RT: 12.90 min Scan# 1702
 Delta R.T. -0.01 min
 Lab File: BM026489.D
 Acq: 22 Jun 2020 14:18

Tgt Ion	Ratio	Lower	Upper
162	100		
127	43.6	34.0	51.0
164	34.2	26.3	39.5

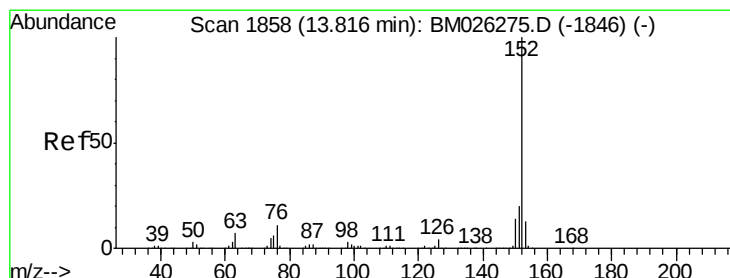
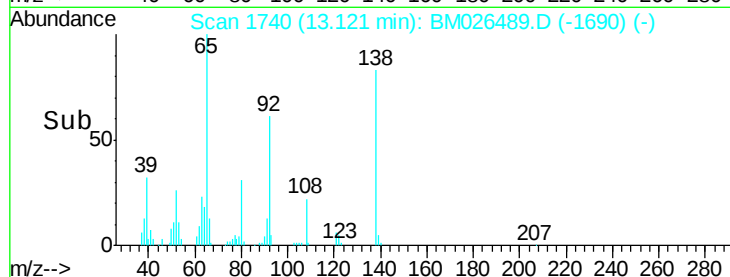
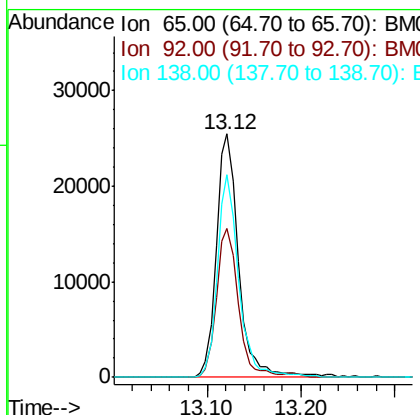
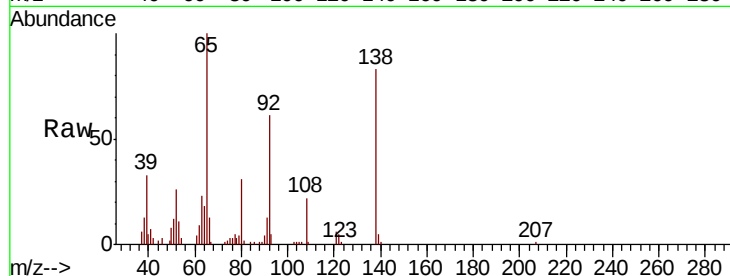




#48
2-Nitroaniline
Concen: 6.510 ng
RT: 13.12 min Scan# 1740
Delta R.T. -0.01 min
Lab File: BM026489.D
Acq: 22 Jun 2020 14:18

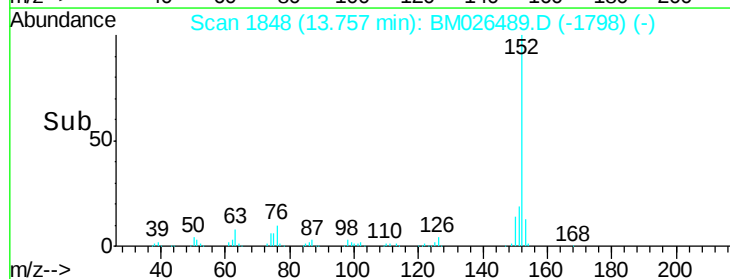
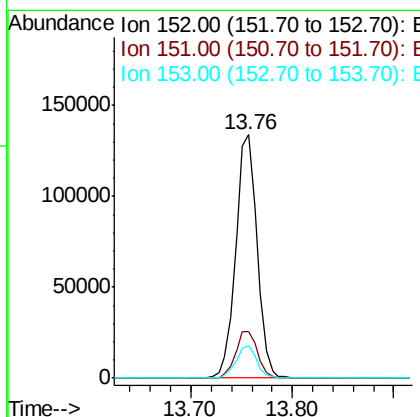
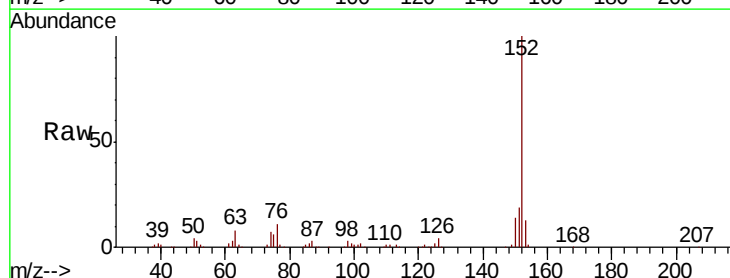
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT2-2020

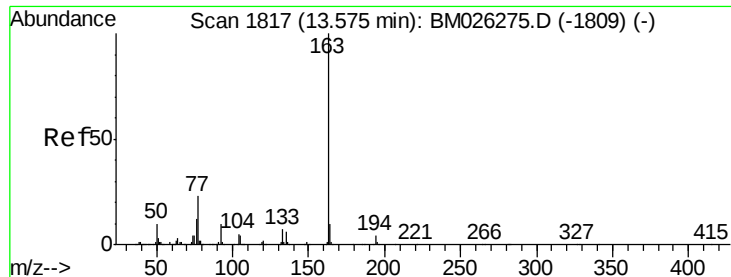
Tot Ion: 65 Resp: 42408
Ion Ratio Lower Upper
65 100
92 61.3 50.6 76.0
138 83.0 71.6 107.4



#49
Acenaphthylene
Concen: 7.435 ng
RT: 13.76 min Scan# 1848
Delta R.T. -0.01 min
Lab File: BM026489.D
Acq: 22 Jun 2020 14:18

Tgt Ion: 152 Resp: 195471
Ion Ratio Lower Upper
152 100
151 19.3 15.8 23.6
153 13.2 10.1 15.1





#50

Dimethylphthalate

Concen: 7.652 ng

RT: 13.52 min Scan# 1807

Delta R.T. -0.01 min

Lab File: BM026489.D

Acq: 22 Jun 2020 14:18

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-03-QT2-2020

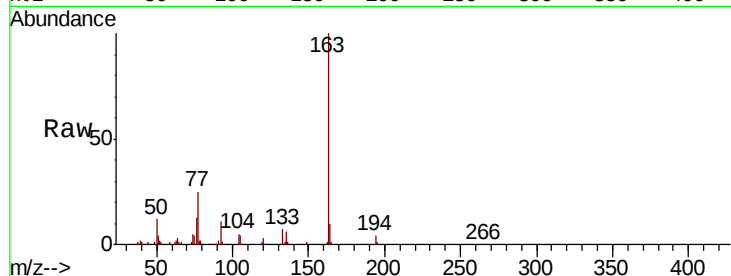
Tot Ion:163 Resp: 161561

Ion Ratio Lower Upper

163 100

194 3.9 3.4 5.2

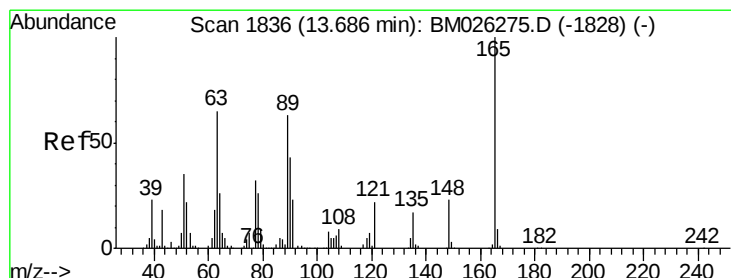
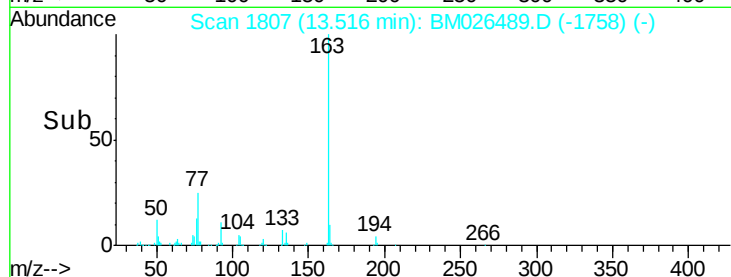
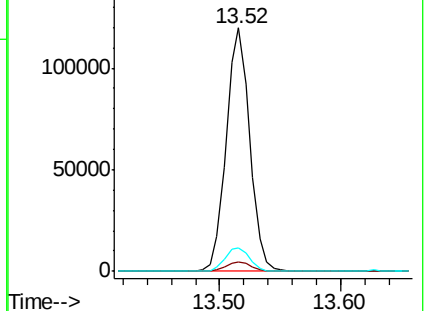
164 9.7 7.8 11.8



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#51

2,6-Dinitrotoluene

Concen: 7.360 ng

RT: 13.63 min Scan# 1827

Delta R.T. -0.01 min

Lab File: BM026489.D

Acq: 22 Jun 2020 14:18

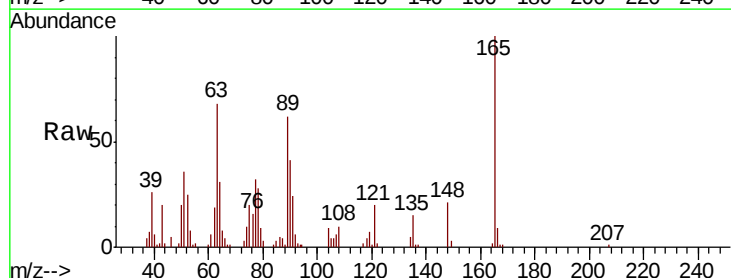
Tgt Ion:165 Resp: 34100

Ion Ratio Lower Upper

165 100

63 67.8 54.3 81.5

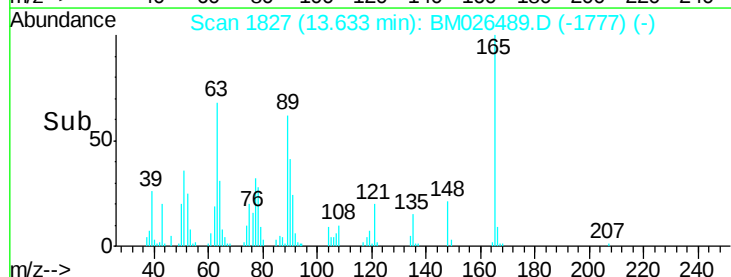
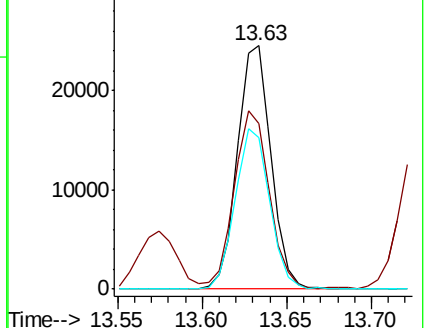
89 62.3 51.5 77.3

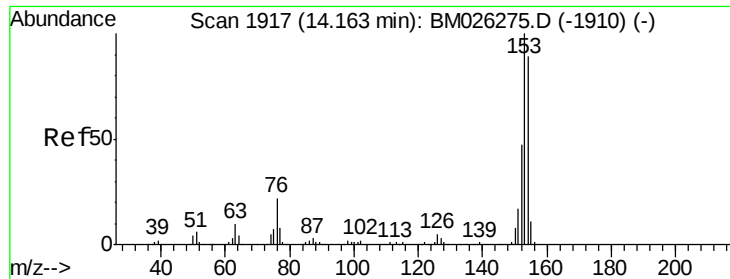


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 89.00 (88.70 to 89.70): BM0





#52

Acenaphthene

Concen: 7.579 ng

RT: 14.10 min Scan# 1907

Delta R.T. -0.01 min

Lab File: BM026489.D

Acq: 22 Jun 2020 14:18

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-03-QT2-2020

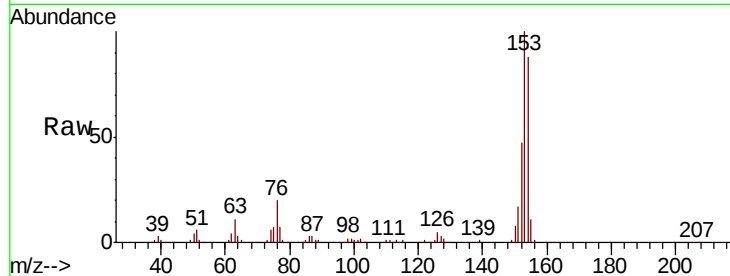
Tot Ion:154 Resp: 119626

Ion Ratio Lower Upper

154 100

153 113.4 88.6 132.8

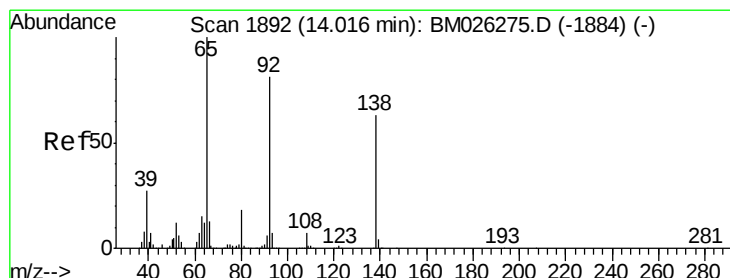
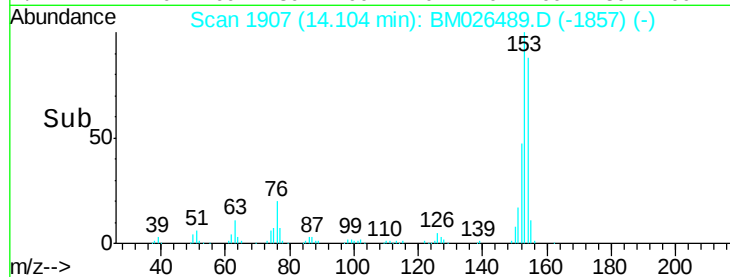
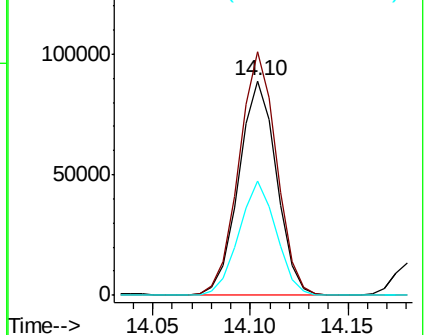
152 53.2 42.0 63.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#53

3-Nitroaniline

Concen: 5.749 ng

RT: 13.96 min Scan# 1883

Delta R.T. -0.01 min

Lab File: BM026489.D

Acq: 22 Jun 2020 14:18

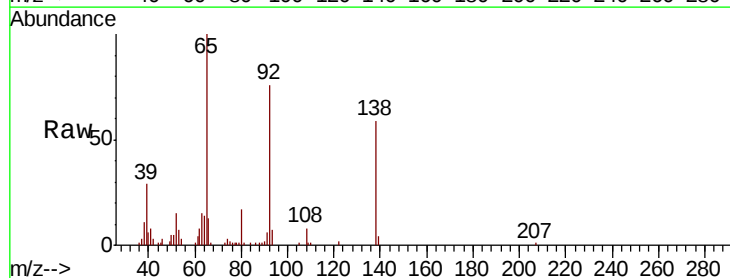
Tgt Ion:138 Resp: 29659

Ion Ratio Lower Upper

138 100

108 13.6 9.4 14.0

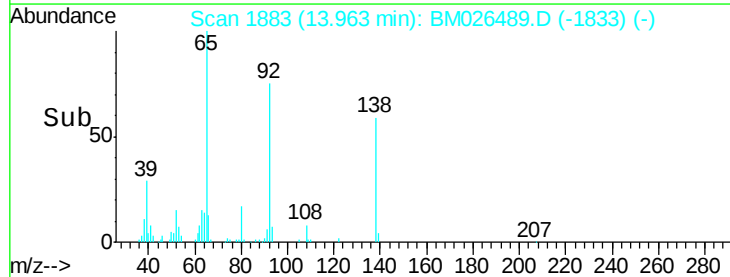
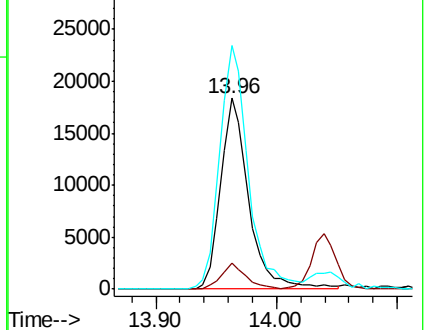
92 127.5 105.4 158.2

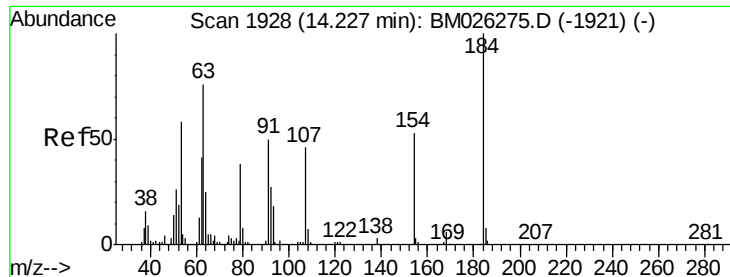


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM

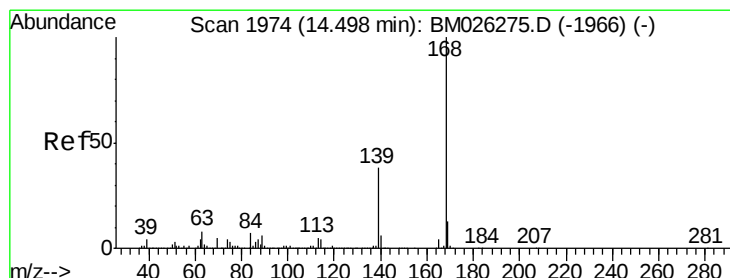
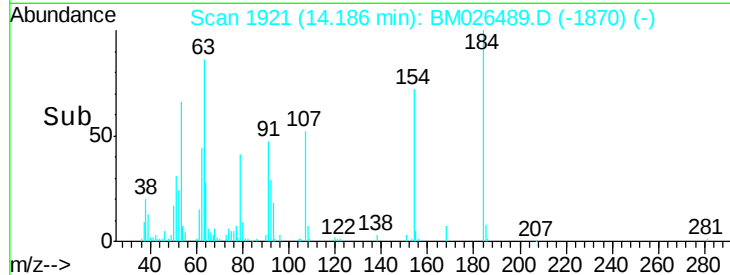
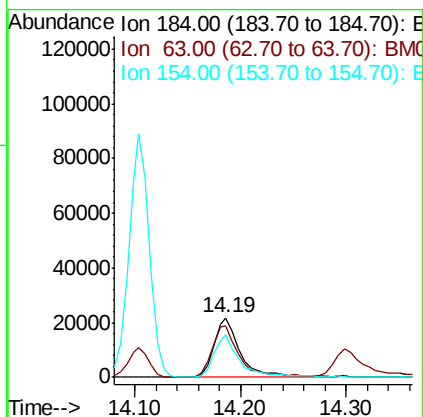
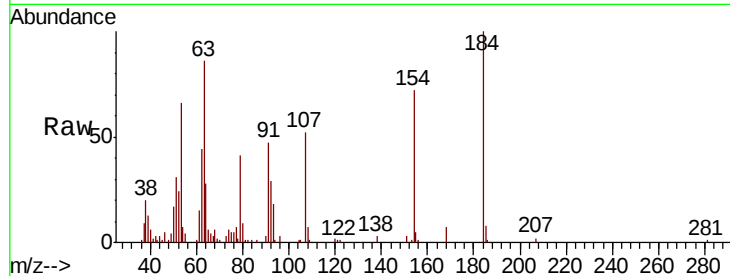




#54
2,4-Dinitrophenol
Concen: 13.565 ng
RT: 14.19 min Scan# 1921
Delta R.T. -0.00 min
Lab File: BM026489.D
Acq: 22 Jun 2020 14:18

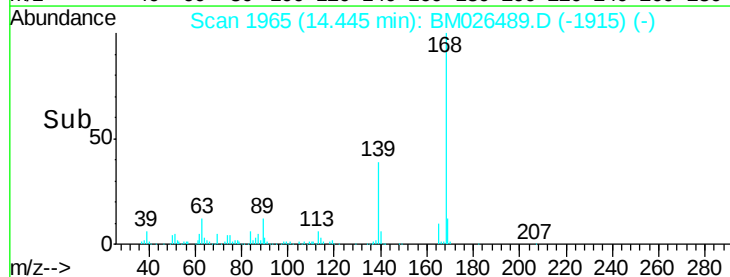
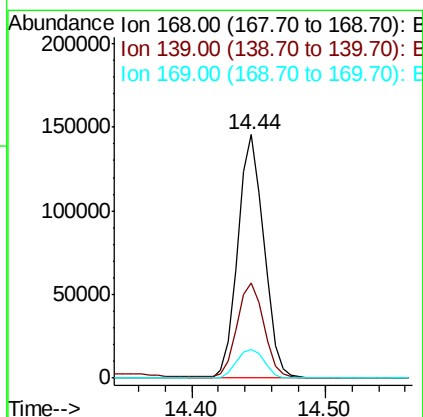
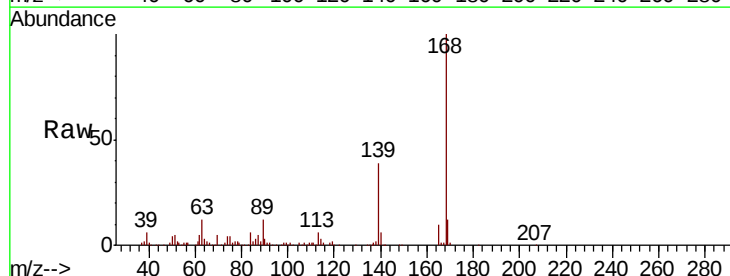
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT2-2020

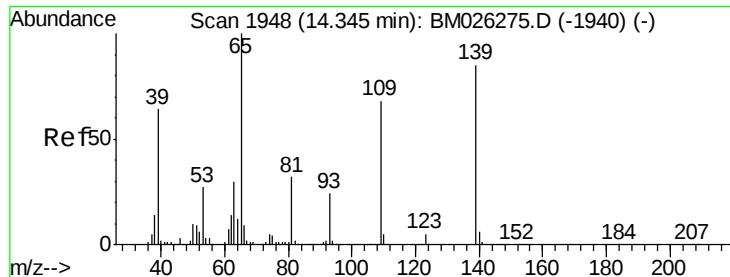
Tot Ion:184 Resp: 38195
Ion Ratio Lower Upper
184 100
63 86.4 61.8 92.6
154 71.5 53.1 79.7



#55
Dibenzofuran
Concen: 7.778 ng
RT: 14.44 min Scan# 1965
Delta R.T. -0.01 min
Lab File: BM026489.D
Acq: 22 Jun 2020 14:18

Tgt Ion:168 Resp: 197802
Ion Ratio Lower Upper
168 100
139 39.3 31.4 47.0
169 11.6 10.7 16.1

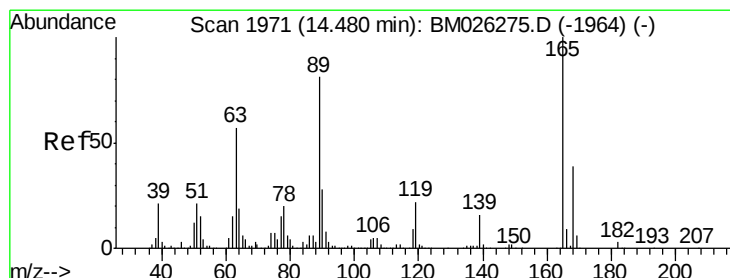
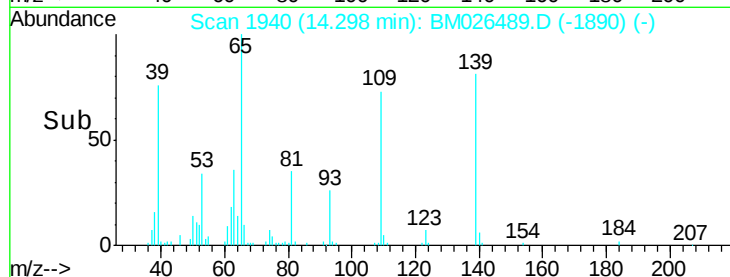
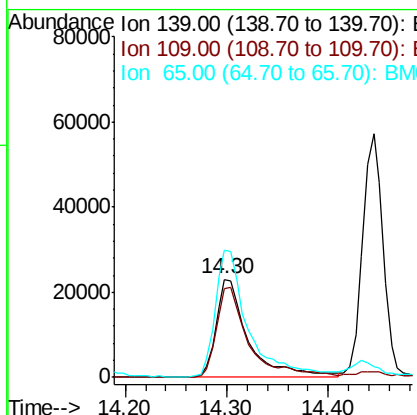
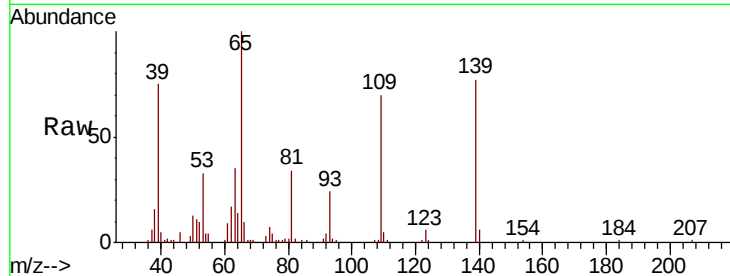




#56
4-Nitrophenol
Concen: 12.433 ng
RT: 14.30 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BM026489.D
Acq: 22 Jun 2020 14:18

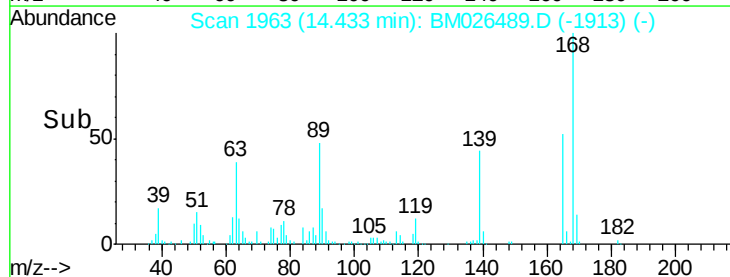
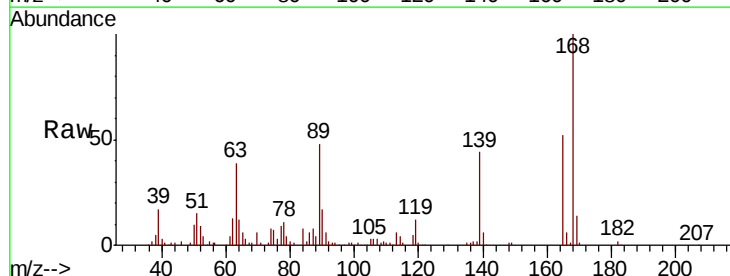
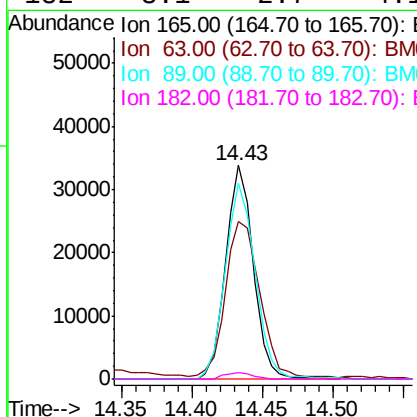
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT2-2020

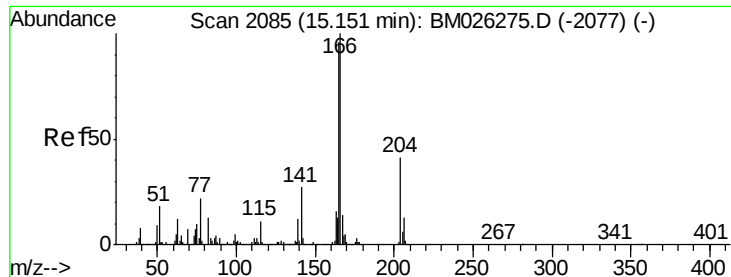
Tot Ion	Ratio	Lower	Upper
139	100		
109	90.6	64.9	104.9
65	130.0	98.1	138.1



#57
2,4-Dinitrotoluene
Concen: 7.168 ng
RT: 14.43 min Scan# 1963
Delta R.T. -0.01 min
Lab File: BM026489.D
Acq: 22 Jun 2020 14:18

Tgt Ion	Ratio	Lower	Upper
165	100		
63	73.9	48.1	72.1#
89	91.5	65.6	98.4
182	3.1	2.7	4.1





#58

Fluorene

Concen: 7.525 ng

RT: 15.10 min Scan# 2076

Delta R.T. -0.01 min

Lab File: BM026489.D

Acq: 22 Jun 2020 14:18

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-03-QT2-2020

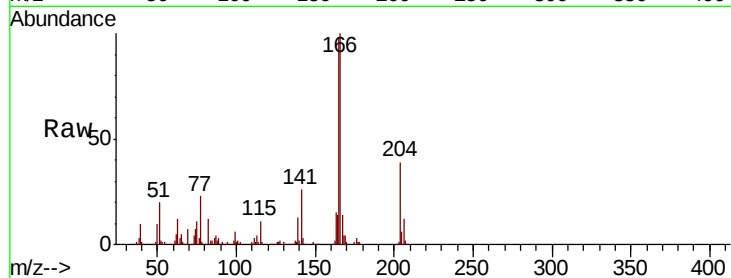
Tot Ion:166 Resp: 155444

Ion Ratio Lower Upper

166 100

165 97.9 77.5 116.3

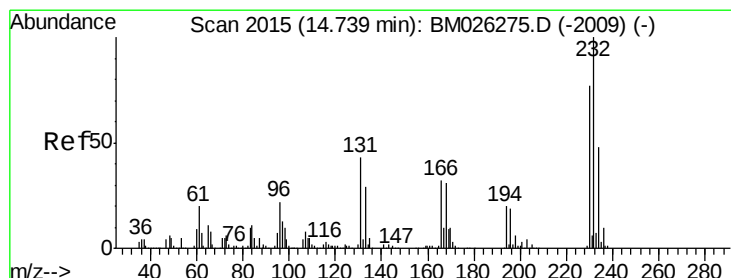
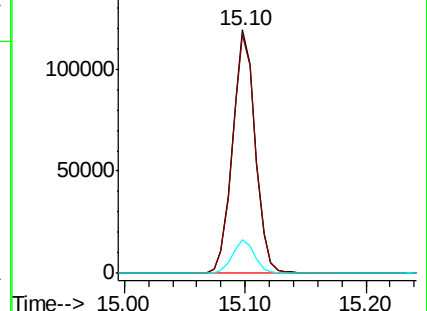
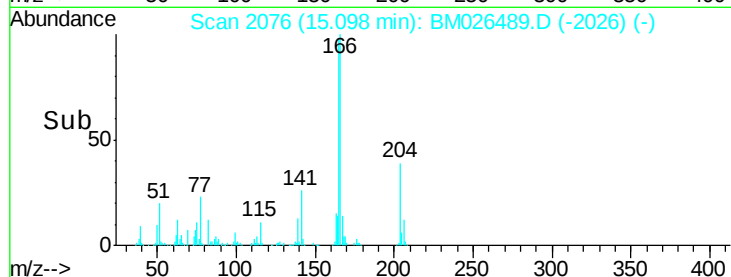
167 13.8 10.9 16.3



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#59

2,3,4,6-Tetrachlorophenol

Concen: 7.449 ng

RT: 14.69 min Scan# 2006

Delta R.T. -0.01 min

Lab File: BM026489.D

Acq: 22 Jun 2020 14:18

Tgt Ion:232 Resp: 41131

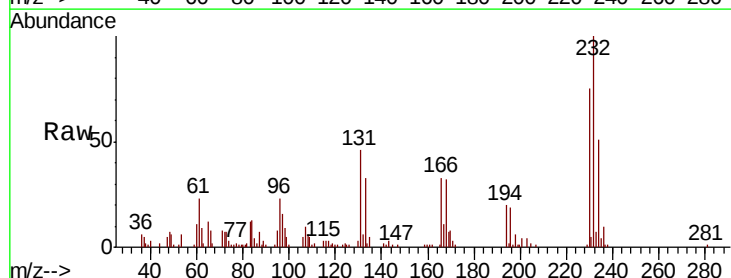
Ion Ratio Lower Upper

232 100

131 47.0 36.4 54.6

130 2.2 2.0 3.0

166 31.5 24.8 37.2

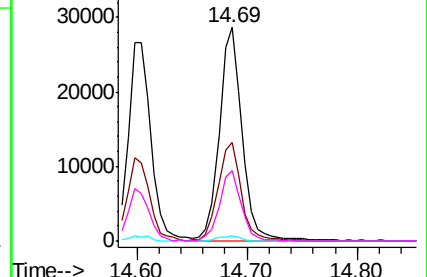
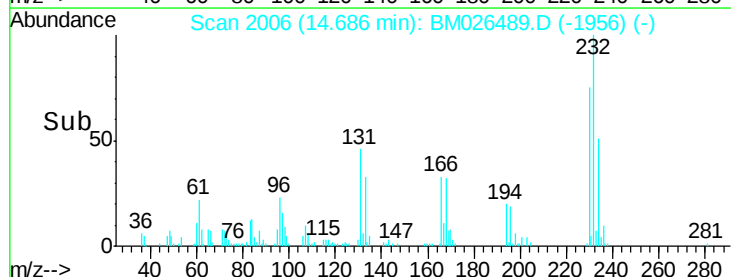


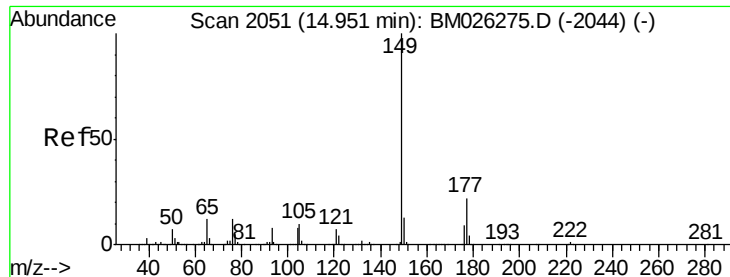
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#60

Diethylphthalate

Concen: 7.727 ng

RT: 14.90 min Scan# 2042

Delta R.T. -0.01 min

Lab File: BM026489.D

Acq: 22 Jun 2020 14:18

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-03-QT2-2020

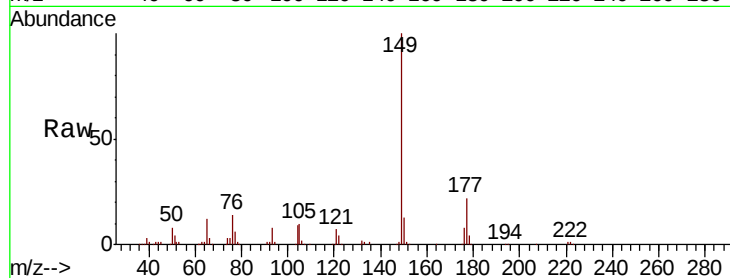
Tot Ion:149 Resp: 166171

Ion Ratio Lower Upper

149 100

177 22.2 17.6 26.4

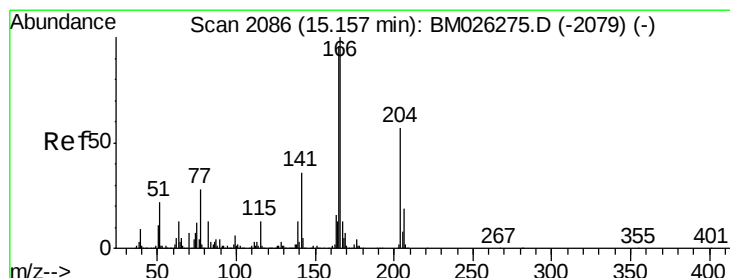
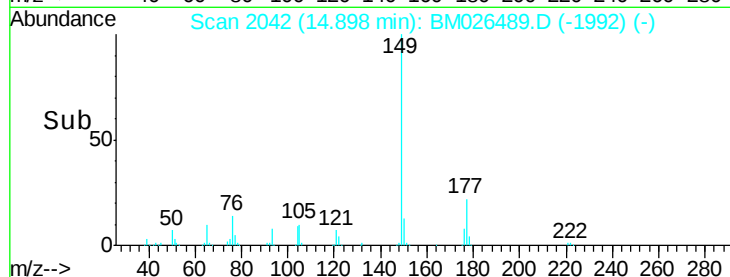
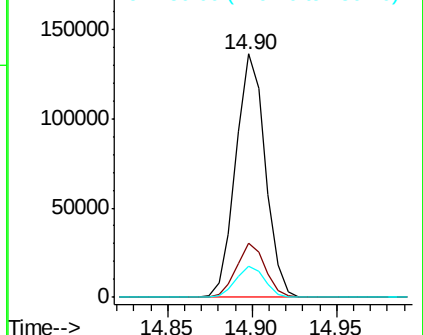
150 12.8 9.9 14.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#61

4-Chlorophenyl-phenylether

Concen: 7.447 ng

RT: 15.10 min Scan# 2077

Delta R.T. -0.01 min

Lab File: BM026489.D

Acq: 22 Jun 2020 14:18

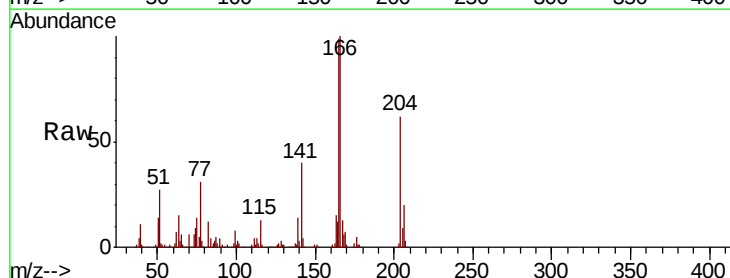
Tgt Ion:204 Resp: 81597

Ion Ratio Lower Upper

204 100

206 33.0 26.6 40.0

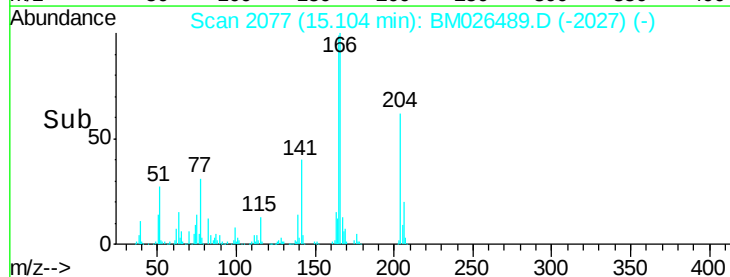
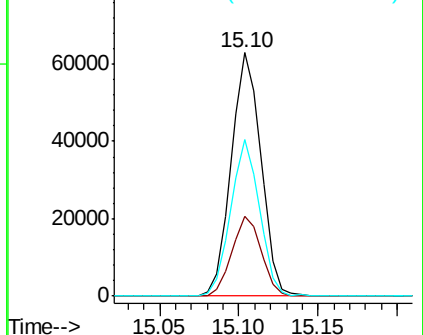
141 64.5 49.4 74.2

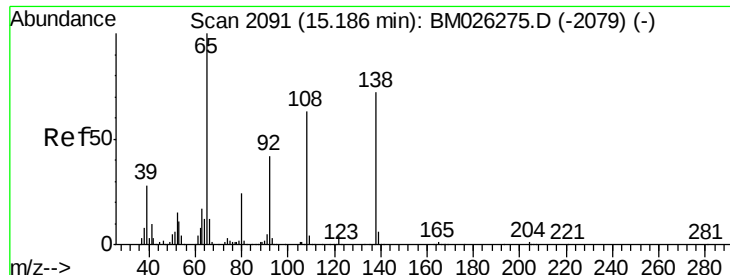


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

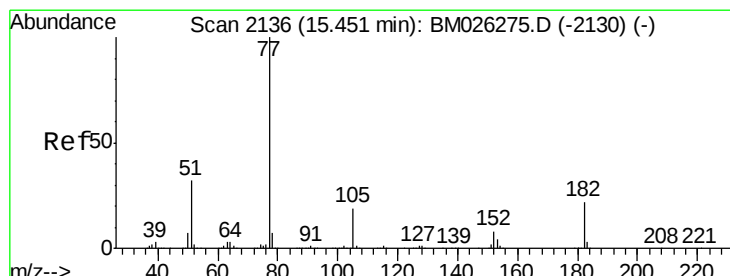
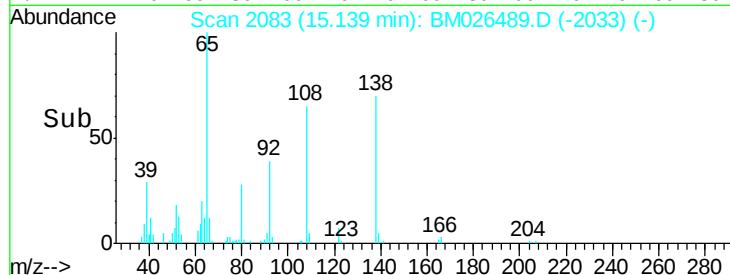
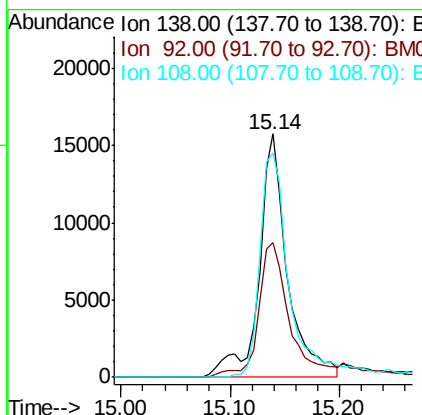
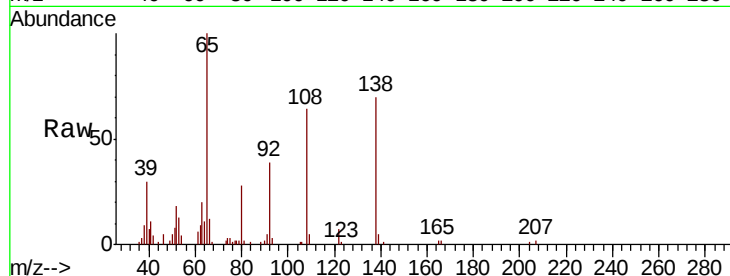




#62
4-Nitroaniline
Concen: 5.173 ng/mL
RT: 15.14 min Scan# 2083
Delta R.T. -0.01 min
Lab File: BM026489.D
Acq: 22 Jun 2020 14:18

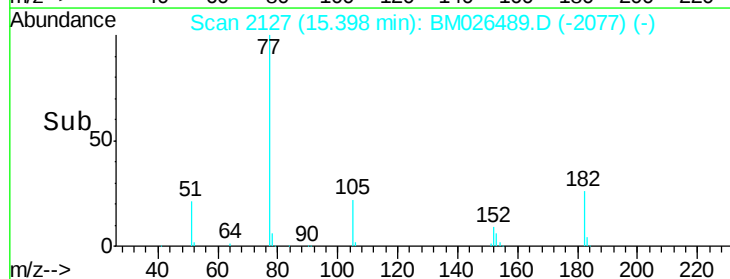
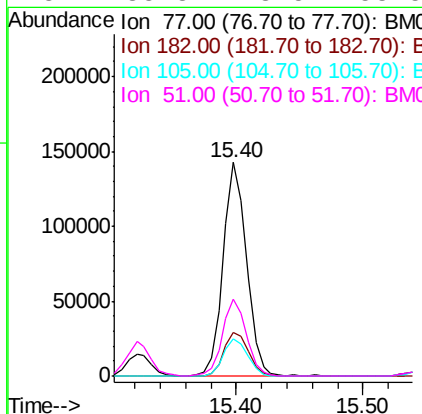
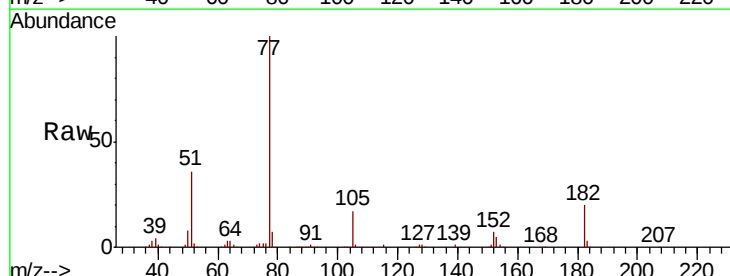
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT2-2020

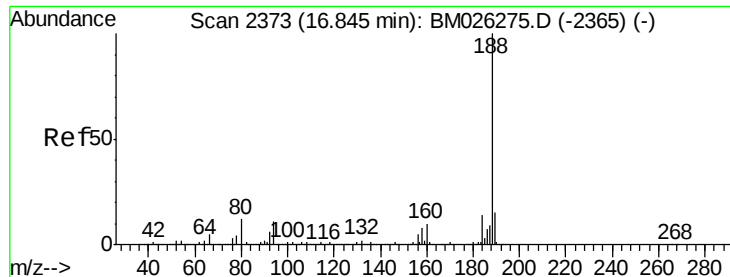
Tot Ion: 138 Resp: 28459
Ion Ratio Lower Upper
138 100
92 55.4 37.5 77.5
108 92.4 66.3 106.3



#63
Azobenzene
Concen: 7.780 ng/mL
RT: 15.40 min Scan# 2127
Delta R.T. -0.01 min
Lab File: BM026489.D
Acq: 22 Jun 2020 14:18

Tgt Ion: 77 Resp: 183057
Ion Ratio Lower Upper
77 100
182 20.4 2.1 42.1
105 17.3 0.0 38.3
51 35.8 13.5 53.5





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.80 min Scan# 2365

Delta R.T. -0.01 min

Lab File: BM026489.D

Acq: 22 Jun 2020 14:18

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-03-QT2-2020

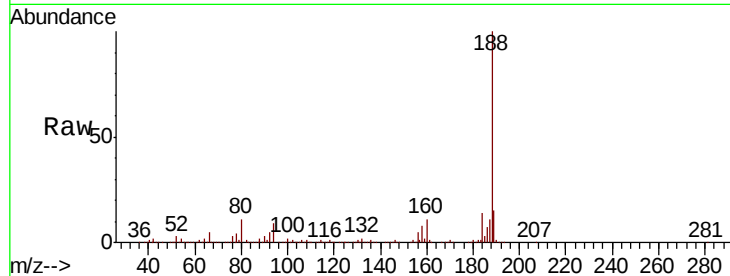
Tot Ion:188 Resp: 653124

Ion Ratio Lower Upper

188 100

94 9.3 7.8 11.6

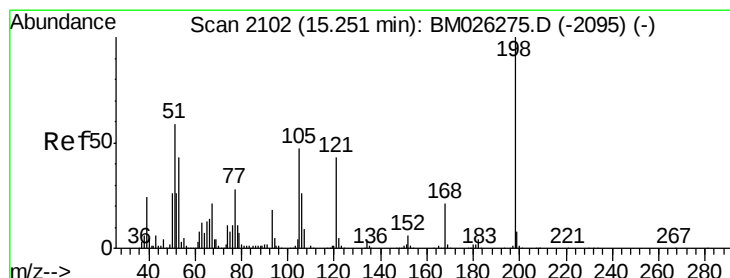
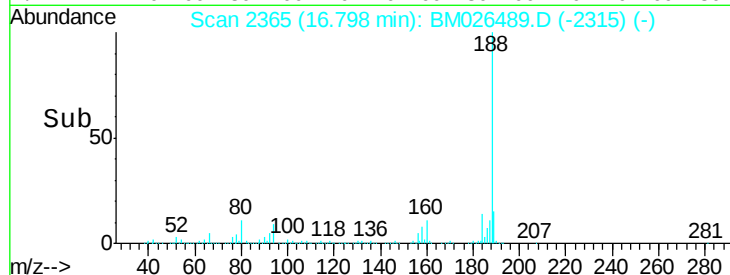
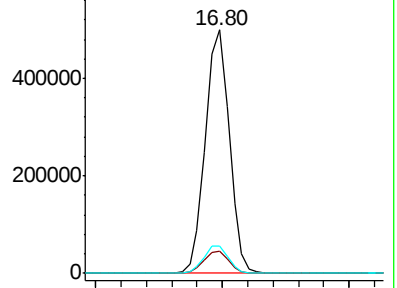
80 11.3 9.5 14.3



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0



#65

4,6-Dinitro-2-methylphenol

Concen: 5.846 ng

RT: 15.21 min Scan# 2095

Delta R.T. -0.00 min

Lab File: BM026489.D

Acq: 22 Jun 2020 14:18

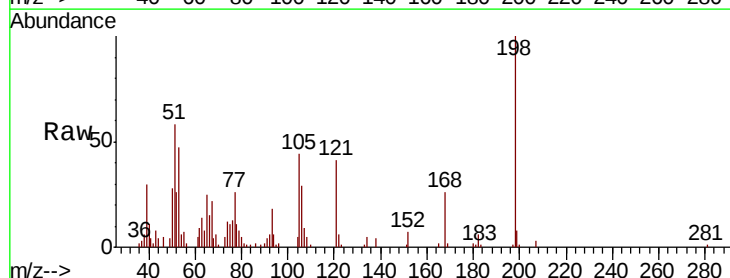
Tgt Ion:198 Resp: 23220

Ion Ratio Lower Upper

198 100

51 58.3 35.6 75.6

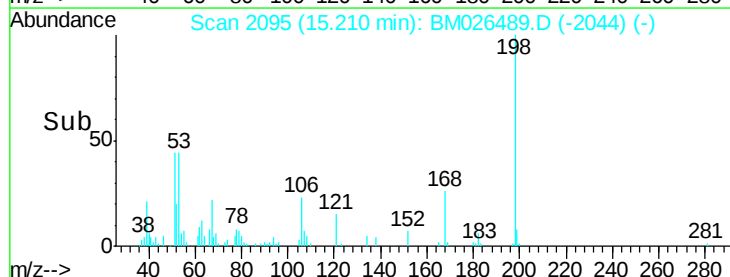
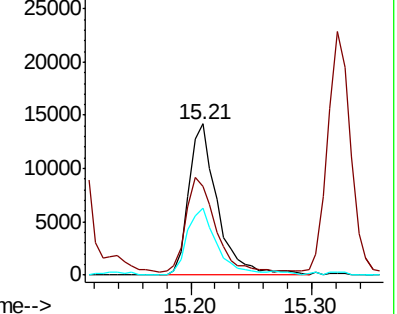
105 44.0 24.3 64.3

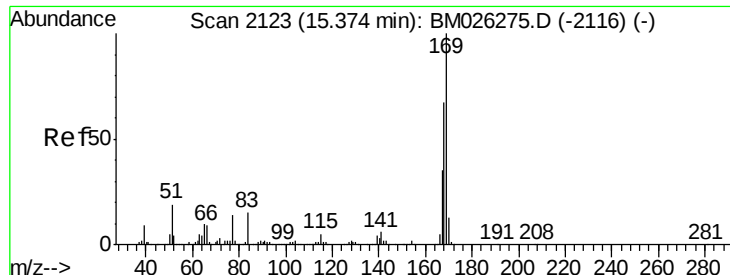


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM0

Ion 105.00 (104.70 to 105.70): E

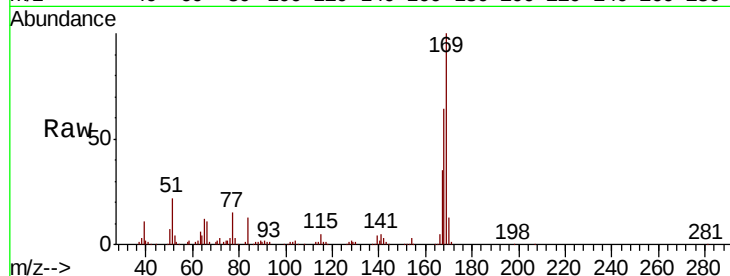




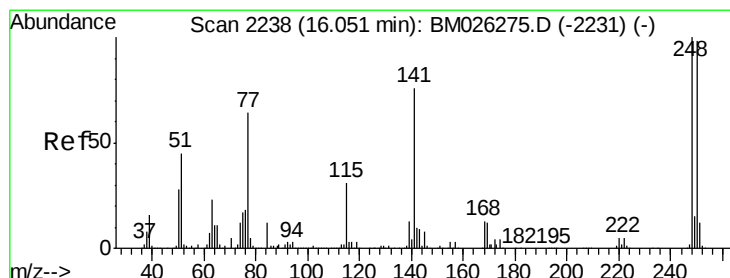
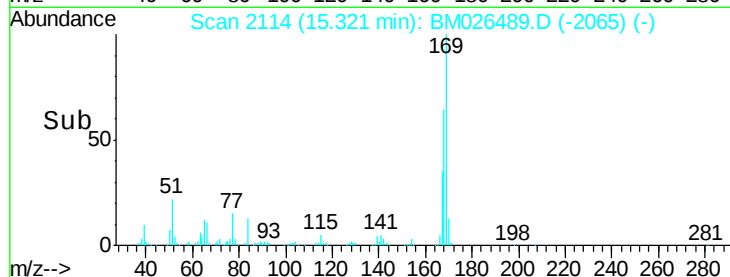
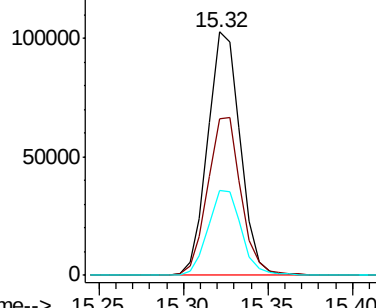
#66
 n-Nitrosodiphenylamine
 Concen: 7.294 ng
 RT: 15.32 min Scan# 2114
 Delta R.T. -0.01 min
 Lab File: BM026489.D
 Acq: 22 Jun 2020 14:18

Instrument :
 BNA_M
 ClientSampleId :
 MDL-SOIL-03-QT2-2020

Tot Ion:169 Resp: 138001
 Ion Ratio Lower Upper
 169 100
 168 64.3 51.6 77.4
 167 34.9 28.2 42.4

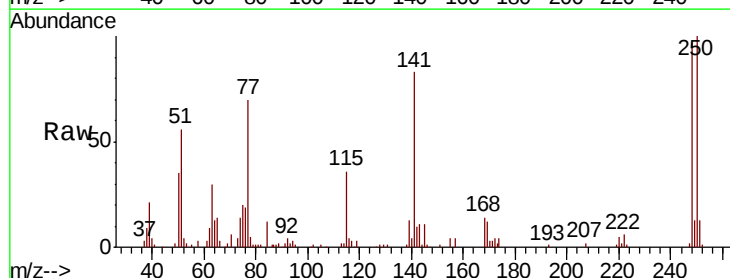


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

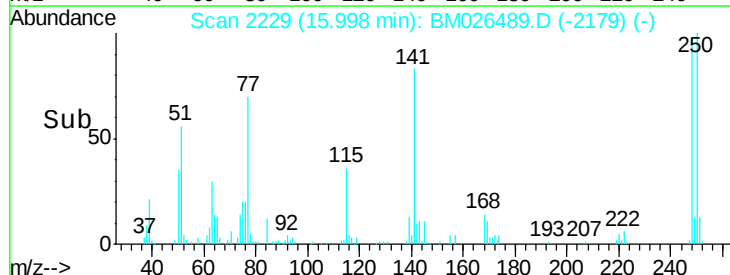
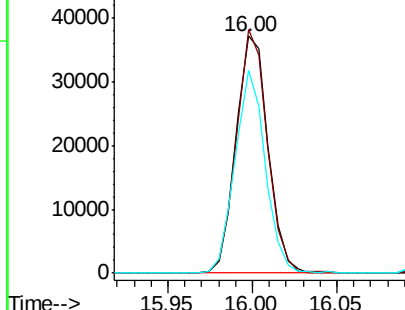


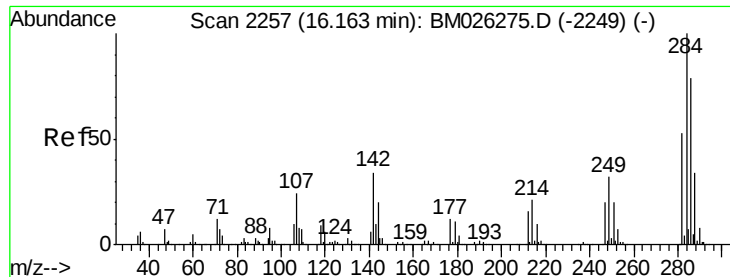
#67
 4-Bromophenyl-phenylether
 Concen: 6.838 ng
 RT: 16.00 min Scan# 2229
 Delta R.T. -0.01 min
 Lab File: BM026489.D
 Acq: 22 Jun 2020 14:18

Tgt Ion:248 Resp: 49166
 Ion Ratio Lower Upper
 248 100
 250 102.7 78.4 117.6
 141 85.3 60.6 91.0



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E





#68

Hexachlorobenzene

Concen: 7.718 ng

RT: 16.11 min Scan# 2248

Delta R.T. -0.01 min

Lab File: BM026489.D

Acq: 22 Jun 2020 14:18

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-03-QT2-2020

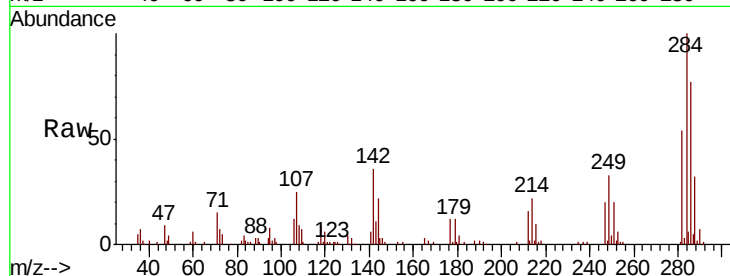
Tot Ion:284 Resp: 57904

Ion Ratio Lower Upper

284 100

142 36.3 29.1 43.7

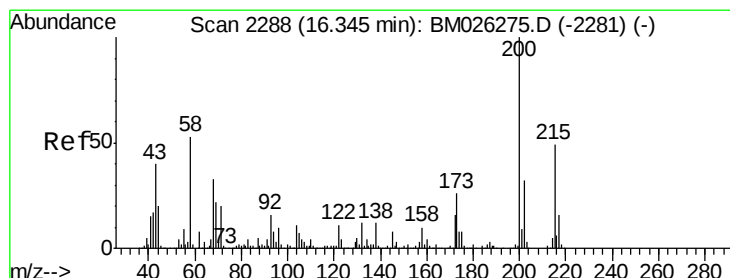
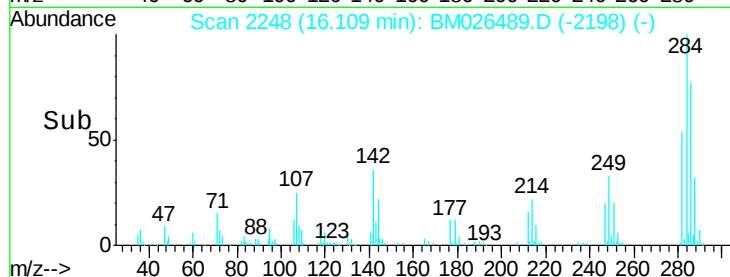
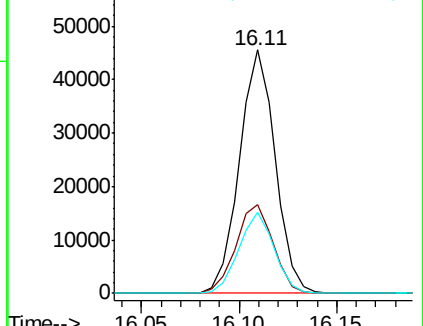
249 33.1 27.2 40.8



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#69

Atrazine

Concen: 9.732 ng

RT: 16.29 min Scan# 2279

Delta R.T. -0.01 min

Lab File: BM026489.D

Acq: 22 Jun 2020 14:18

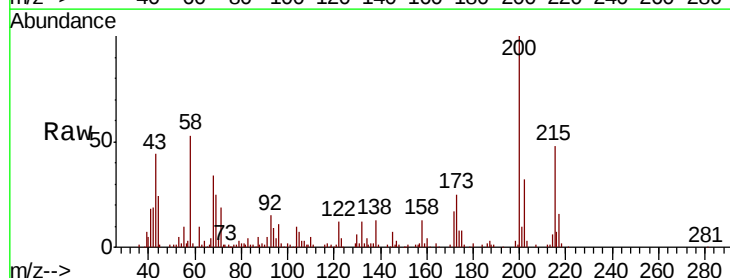
Tgt Ion:200 Resp: 55008

Ion Ratio Lower Upper

200 100

173 25.4 6.6 46.6

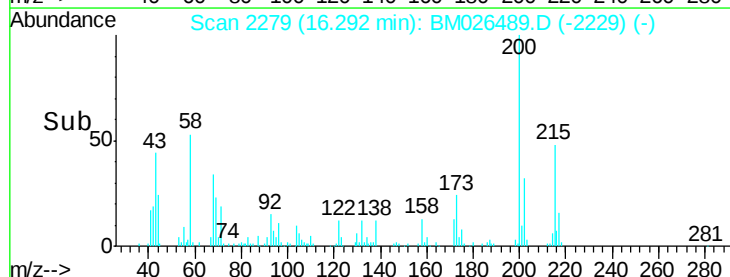
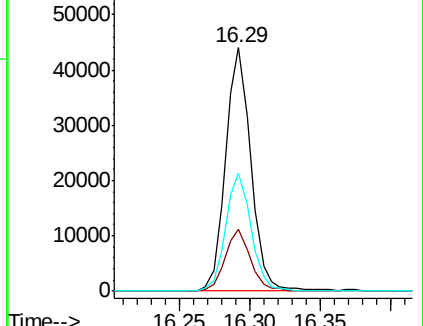
215 48.3 29.8 69.8

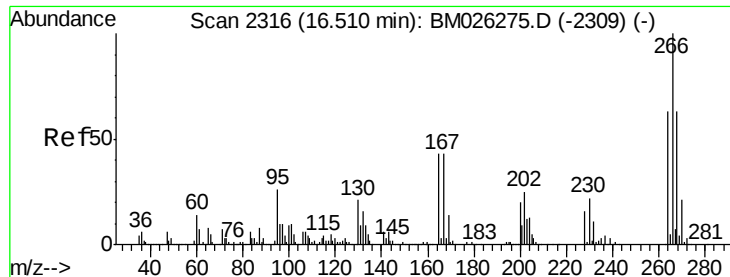


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

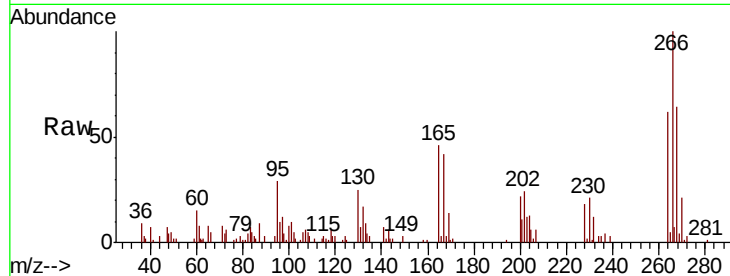




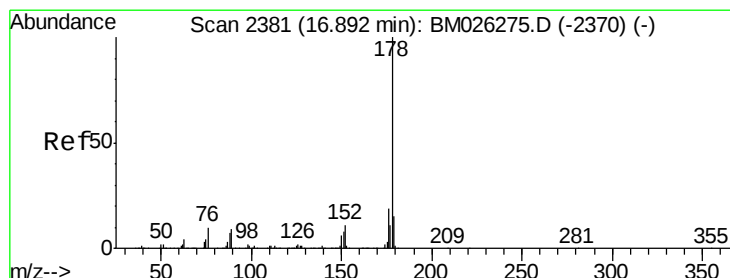
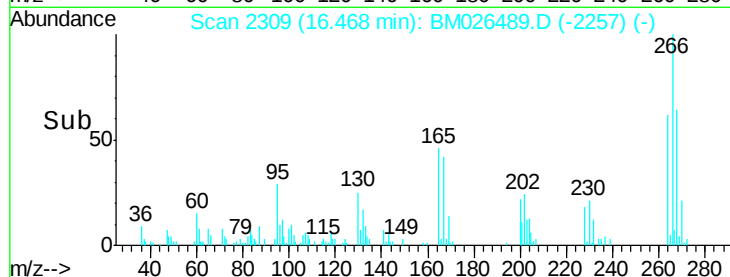
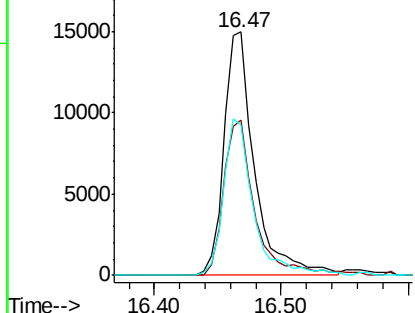
#70
 Pentachlorophenol
 Concen: 5.543 ng
 RT: 16.47 min Scan# 2309
 Delta R.T. 0.01 min
 Lab File: BM026489.D
 Acq: 22 Jun 2020 14:18

Instrument :
 BNA_M
 ClientSampleId :
 MDL-SOIL-03-QT2-2020

Tot Ion:266 Resp: 25043
 Ion Ratio Lower Upper
 266 100
 268 63.8 50.2 75.4
 264 61.6 50.6 75.8

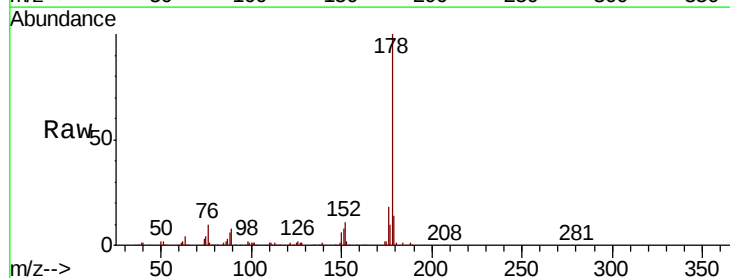


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

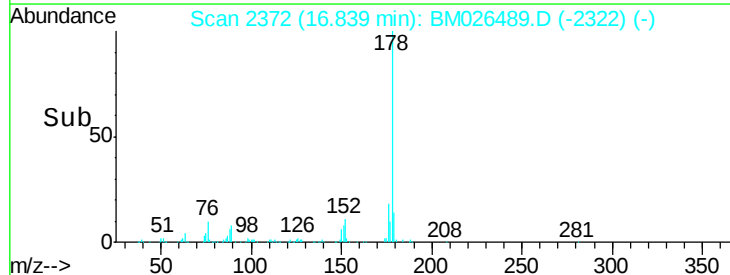
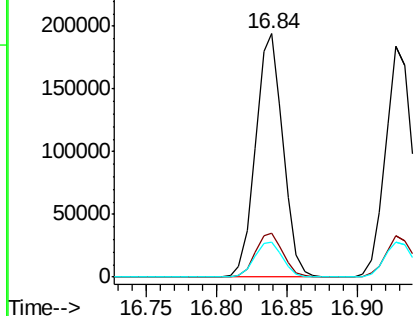


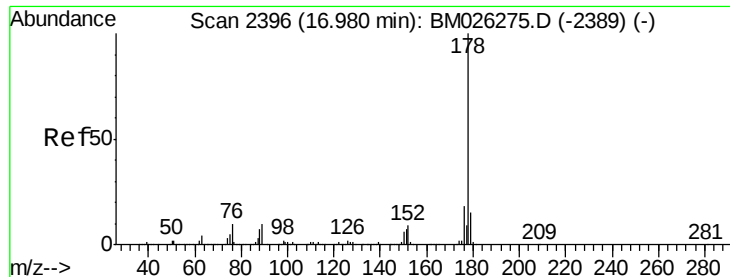
#71
 Phenanthrene
 Concen: 7.801 ng
 RT: 16.84 min Scan# 2372
 Delta R.T. -0.01 min
 Lab File: BM026489.D
 Acq: 22 Jun 2020 14:18

Tgt Ion:178 Resp: 265313
 Ion Ratio Lower Upper
 178 100
 176 18.2 15.1 22.7
 179 14.2 12.3 18.5



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





#72

Anthracene

Concen: 7.383 ng

RT: 16.93 min Scan# 2387

Delta R.T. -0.01 min

Lab File: BM026489.D

Acq: 22 Jun 2020 14:18

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-03-QT2-2020

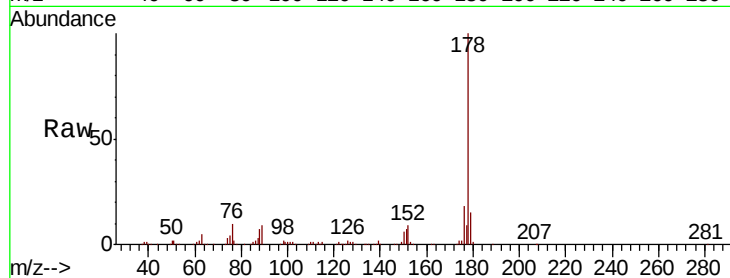
Tot Ion:178 Resp: 250619

Ion Ratio Lower Upper

178 100

176 18.2 14.5 21.7

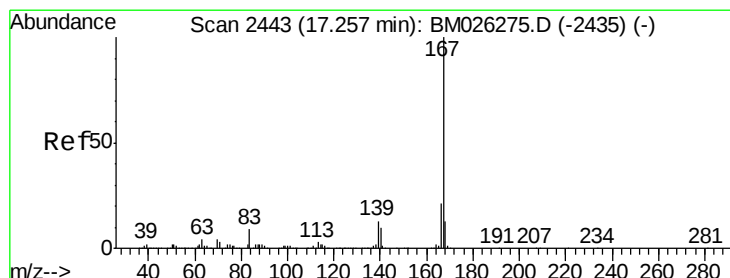
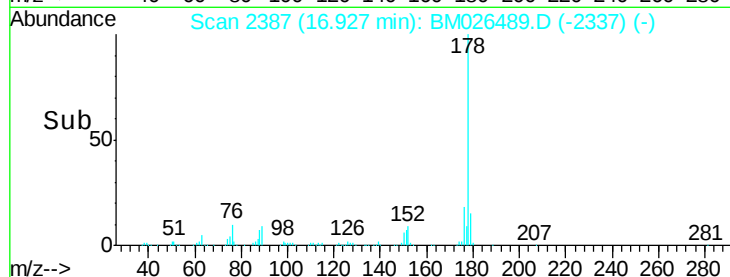
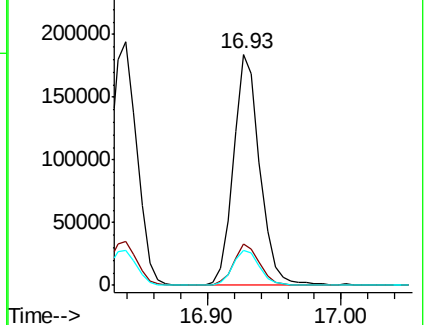
179 15.0 12.3 18.5



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#73

Carbazole

Concen: 7.049 ng

RT: 17.21 min Scan# 2435

Delta R.T. -0.01 min

Lab File: BM026489.D

Acq: 22 Jun 2020 14:18

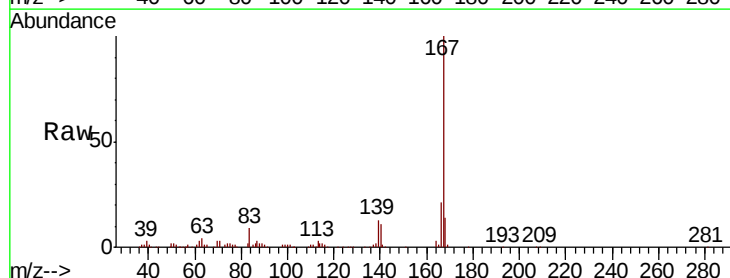
Tgt Ion:167 Resp: 226909

Ion Ratio Lower Upper

167 100

166 20.5 16.9 25.3

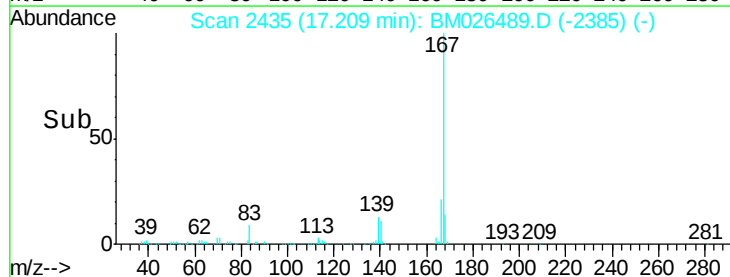
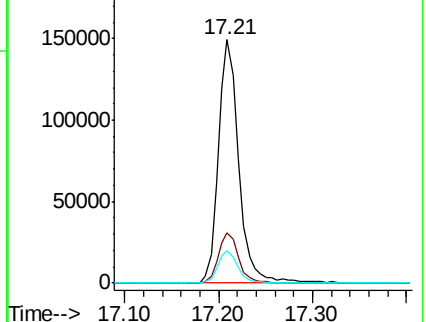
139 13.2 10.2 15.4

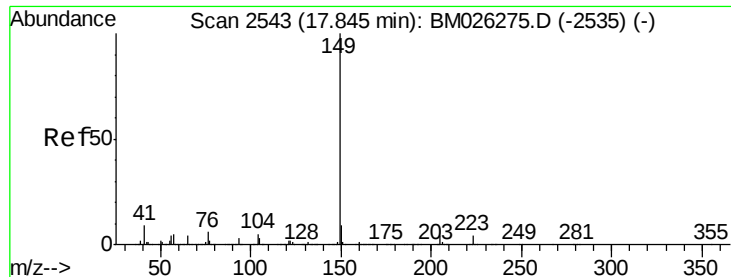


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

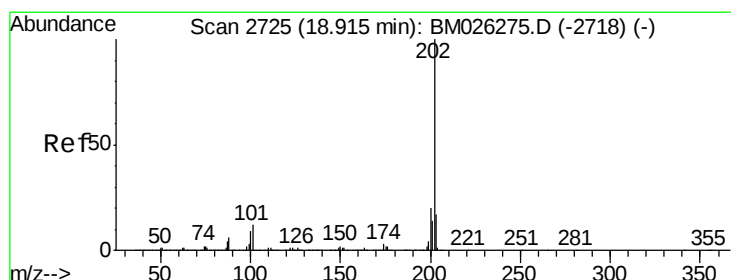
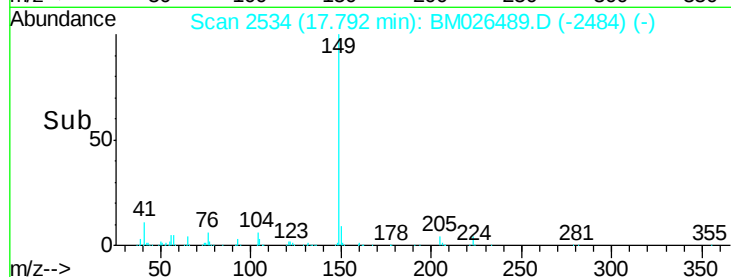
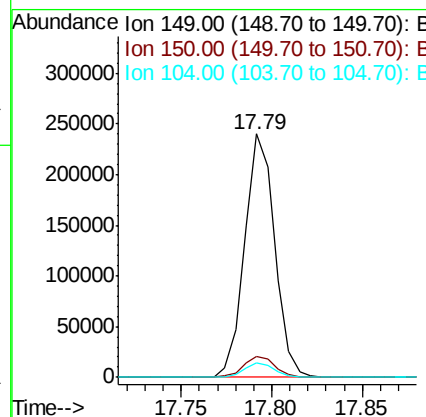
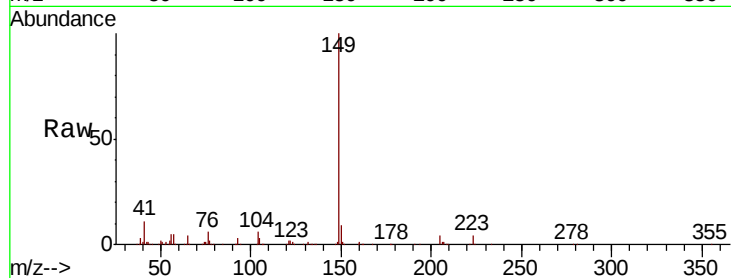




#74
Di-n-butylphthalate
Concen: 7.301 ng
RT: 17.79 min Scan# 2534
Delta R.T. -0.01 min
Lab File: BM026489.D
Acq: 22 Jun 2020 14:18

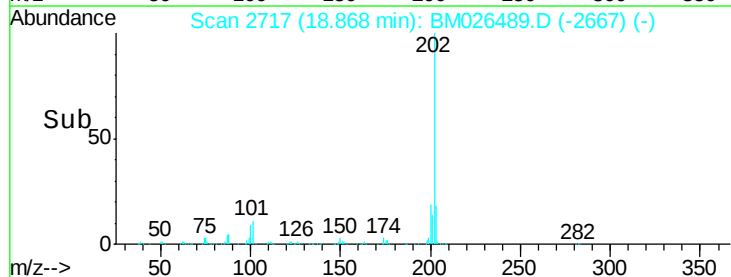
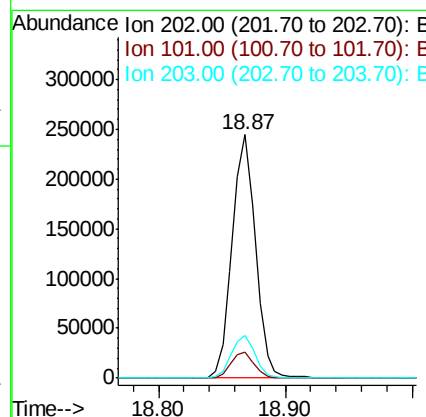
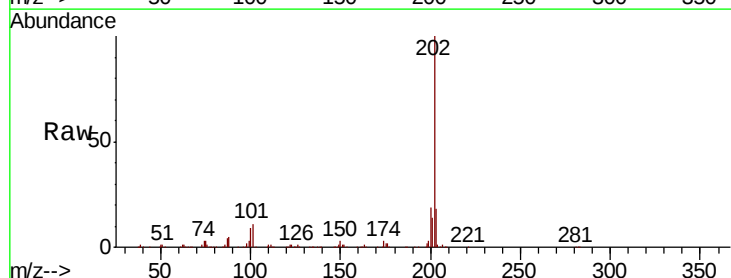
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT2-2020

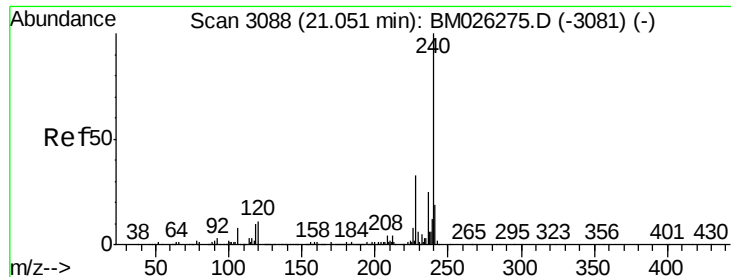
Tot Ion	Ratio	Lower	Upper
149	100		
150	8.8	7.1	10.7
104	5.9	4.2	6.2



#75
Fluoranthene
Concen: 8.023 ng
RT: 18.87 min Scan# 2717
Delta R.T. -0.01 min
Lab File: BM026489.D
Acq: 22 Jun 2020 14:18

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.8	0.0	31.9
203	17.6	0.0	37.5

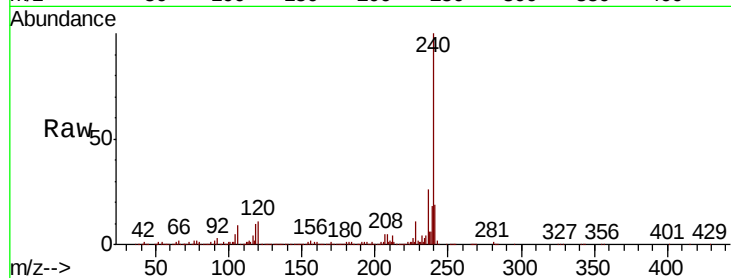




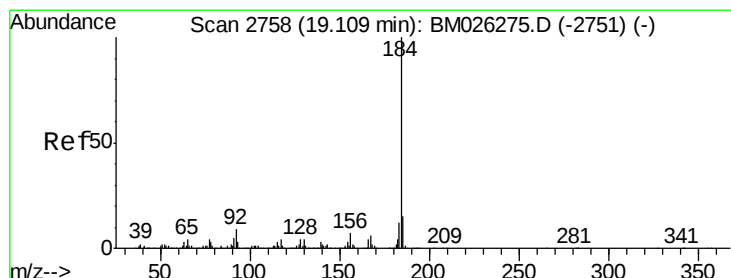
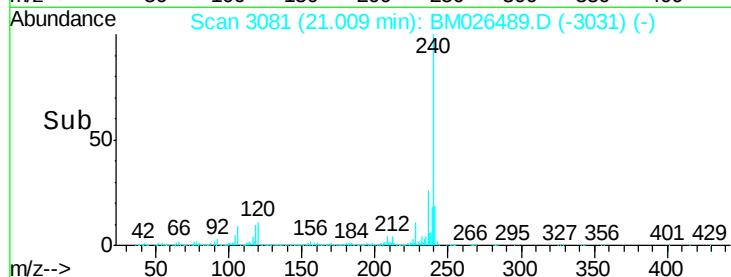
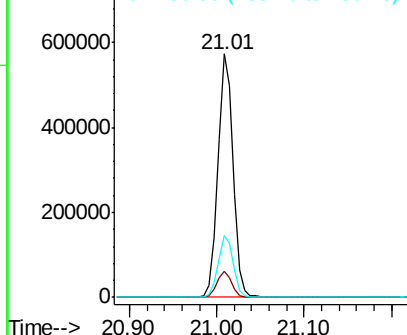
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.01 min Scan# 3081
Delta R.T. -0.01 min
Lab File: BM026489.D
Acq: 22 Jun 2020 14:18

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT2-2020

Tot Ion:240 Resp: 691589
Ion Ratio Lower Upper
240 100
120 10.9 9.3 13.9
236 25.6 19.4 29.0

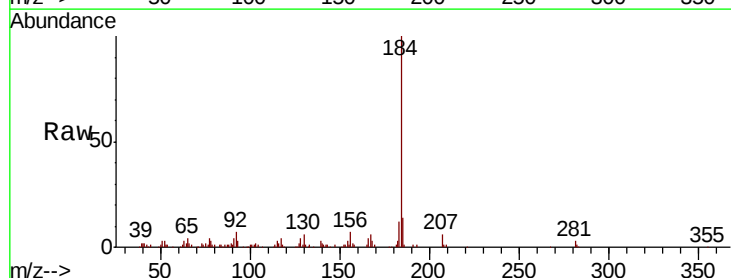


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

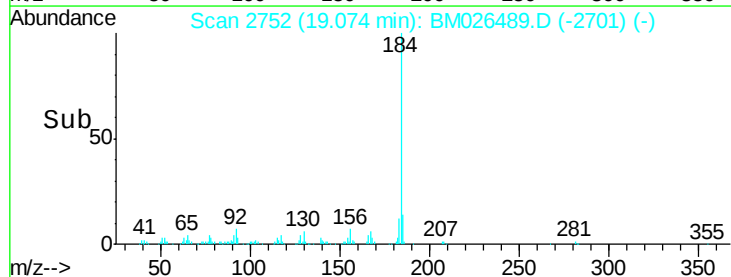
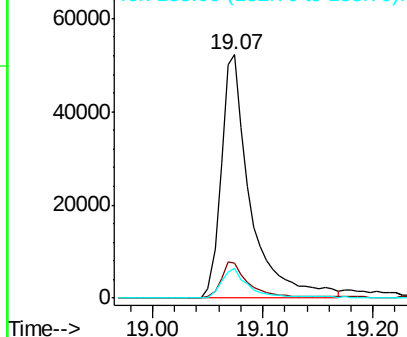


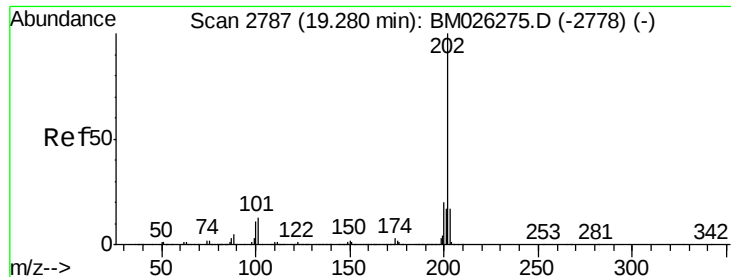
#77
Benzidine
Concen: 6.692 ng
RT: 19.07 min Scan# 2752
Delta R.T. -0.00 min
Lab File: BM026489.D
Acq: 22 Jun 2020 14:18

Tgt Ion:184 Resp: 96128
Ion Ratio Lower Upper
184 100
185 14.2 11.2 16.8
183 12.2 9.4 14.2



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

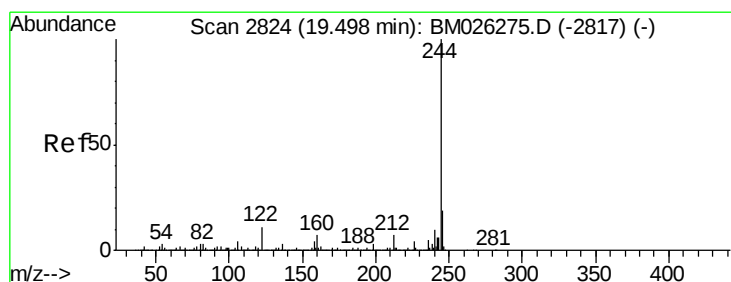
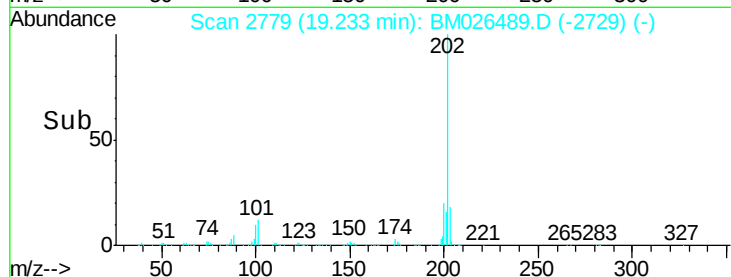
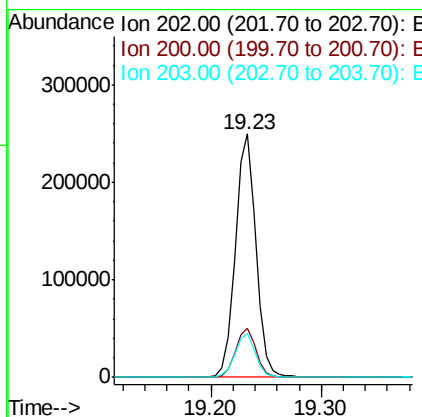
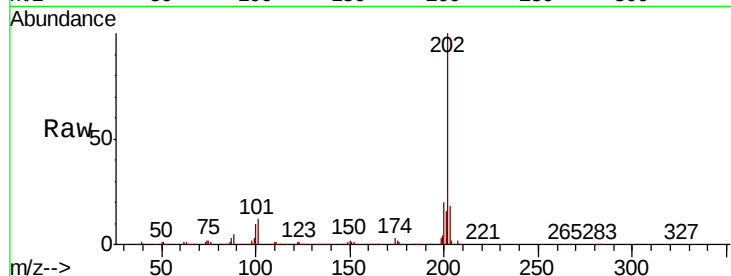




#78
Pvrene
Concen: 7.135 ng
RT: 19.23 min Scan# 2779
Delta R.T. -0.01 min
Lab File: BM026489.D
Acq: 22 Jun 2020 14:18

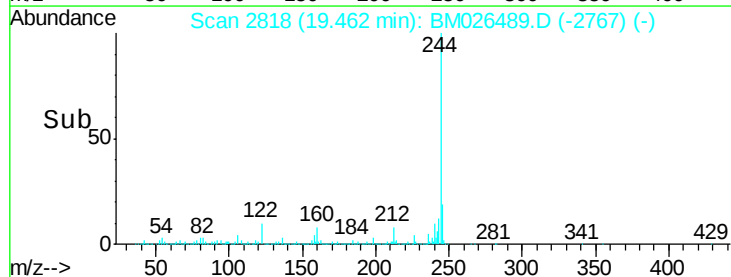
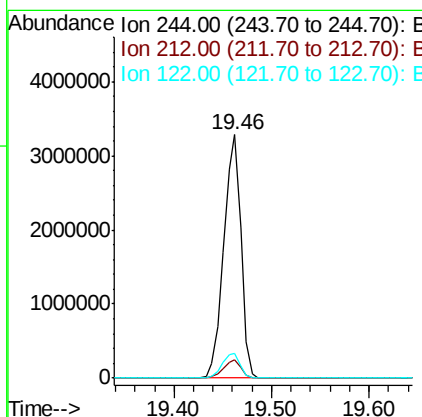
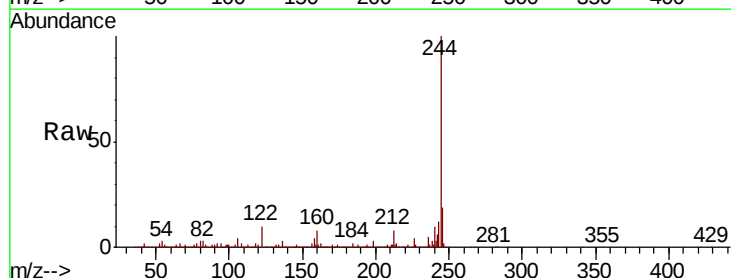
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT2-2020

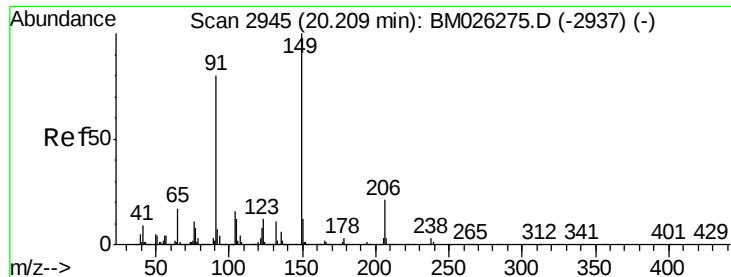
Tot Ion:	202	Resp:	326046
Ion	Ratio	Lower	Upper
202	100		
200	20.1	16.3	24.5
203	17.8	13.8	20.6



#79
Terphenyl-d14
Concen: 112.274 ng
RT: 19.46 min Scan# 2818
Delta R.T. -0.00 min
Lab File: BM026489.D
Acq: 22 Jun 2020 14:18

Tgt Ion:	244	Resp:	4000026
Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.9	8.9
122	10.4	8.6	13.0

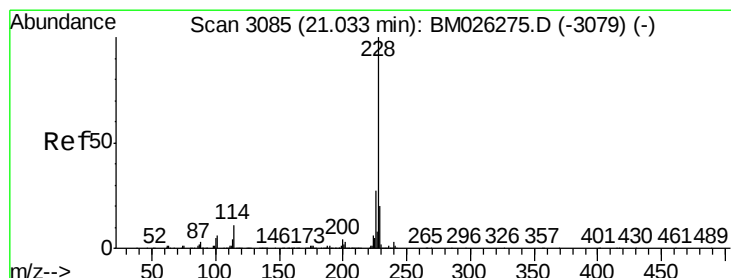
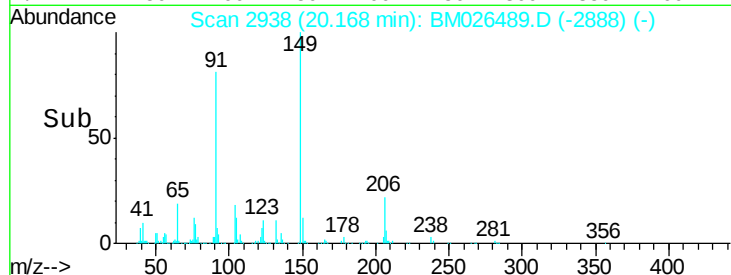
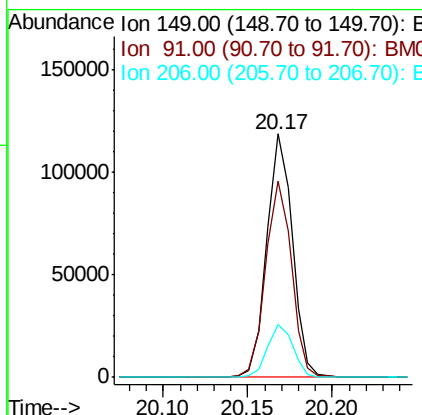
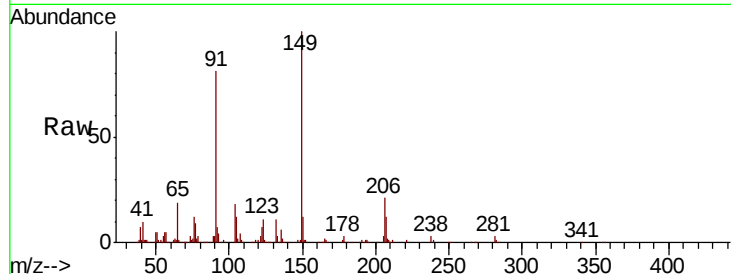




#80
Butylbenzylphthalate
Concen: 6.786 ng
RT: 20.17 min Scan# 2938
Delta R.T. -0.01 min
Lab File: BM026489.D
Acq: 22 Jun 2020 14:18

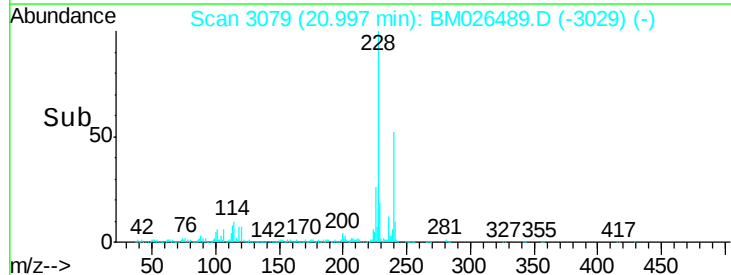
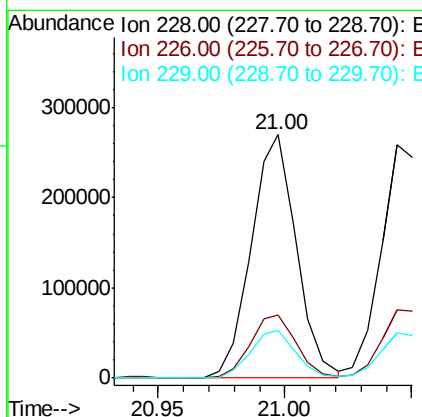
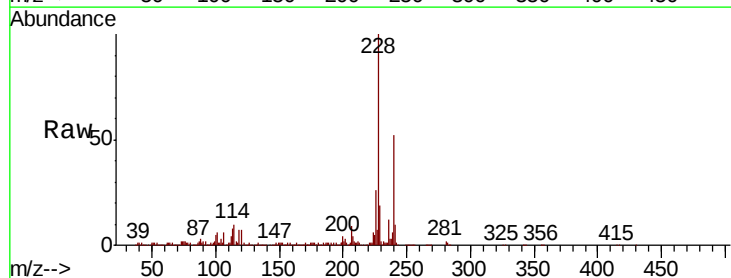
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT2-2020

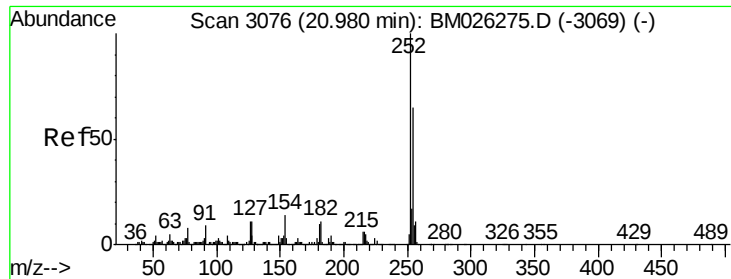
Tot Ion:149 Resp: 125397
Ion Ratio Lower Upper
149 100
91 80.9 64.6 97.0
206 21.5 17.6 26.4



#81
Benzo(a)anthracene
Concen: 8.060 ng
RT: 21.00 min Scan# 3079
Delta R.T. -0.01 min
Lab File: BM026489.D
Acq: 22 Jun 2020 14:18

Tgt Ion:228 Resp: 334569
Ion Ratio Lower Upper
228 100
226 26.2 21.1 31.7
229 19.4 15.7 23.5

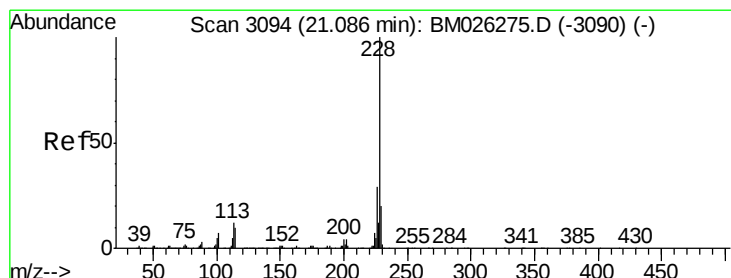
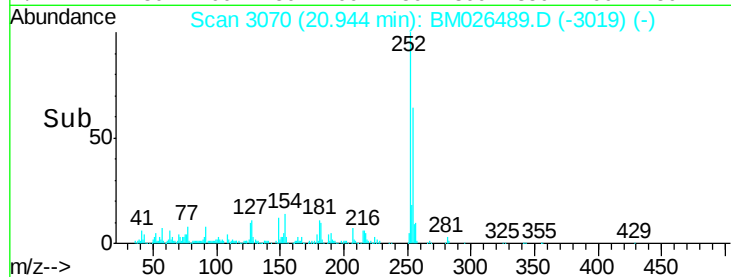
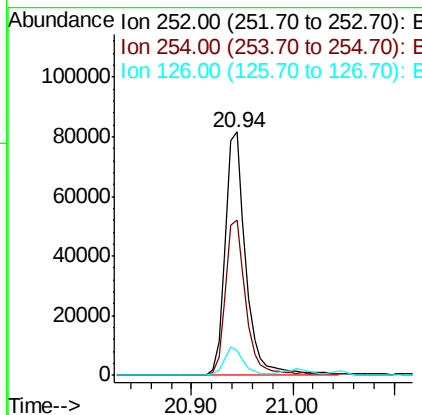
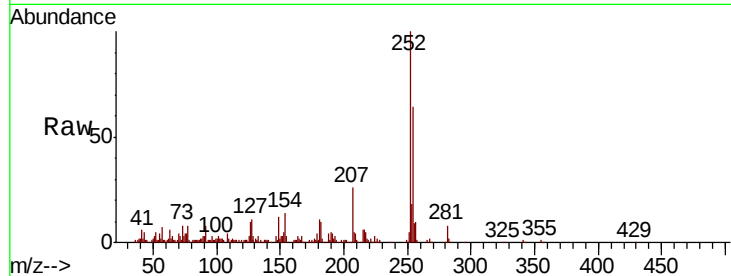




#82
 3,3'-Dichlorobenzidine
 Concen: 8.982 ng
 RT: 20.94 min Scan# 3070
 Delta R.T. -0.00 min
 Lab File: BM026489.D
 Acq: 22 Jun 2020 14:18

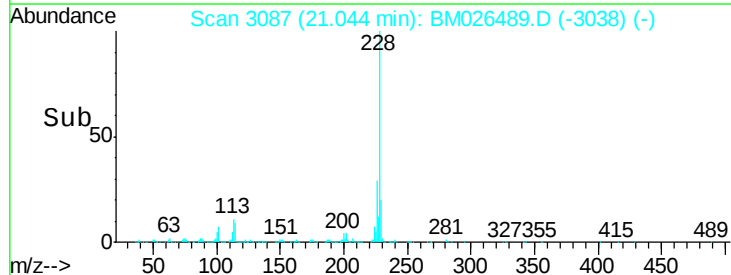
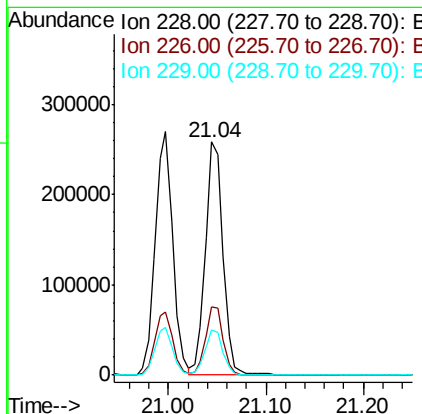
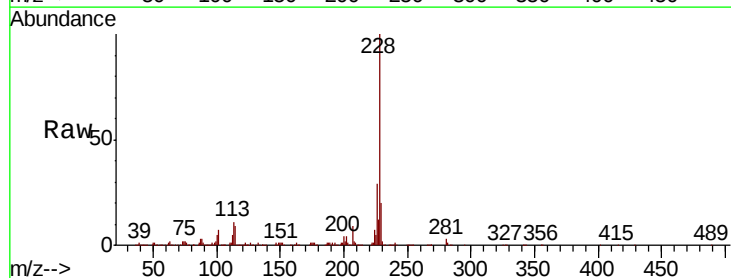
Instrument :
 BNA_M
 ClientSampleId :
 MDL-SOIL-03-QT2-2020

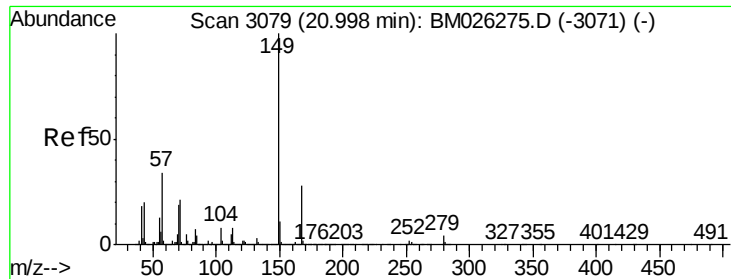
Tot Ion:252	Resp:	115365
Ion Ratio	Lower	Upper
252	100	
254	63.7	51.0 76.6
126	10.2	9.2 13.8



#83
 Chrysene
 Concen: 8.166 ng
 RT: 21.04 min Scan# 3087
 Delta R.T. -0.01 min
 Lab File: BM026489.D
 Acq: 22 Jun 2020 14:18

Tgt Ion:228	Resp:	323058
Ion Ratio	Lower	Upper
228	100	
226	29.1	23.8 35.6
229	19.7	15.5 23.3





#84

Bis(2-ethylhexyl)phthalate

Concen: 7.504 ng

RT: 20.96 min Scan# 3073

Delta R.T. -0.01 min

Lab File: BM026489.D

Acq: 22 Jun 2020 14:18

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-03-QT2-2020

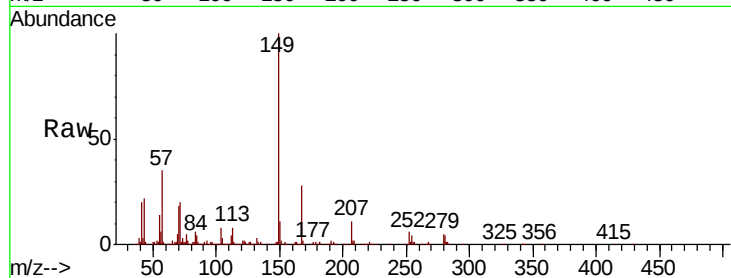
Tot Ion:149 Resp: 197729

Ion Ratio Lower Upper

149 100

167 27.5 22.0 33.0

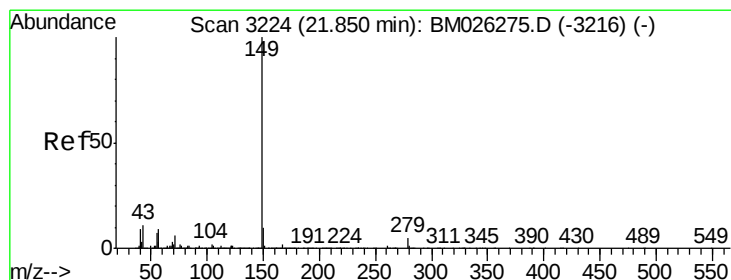
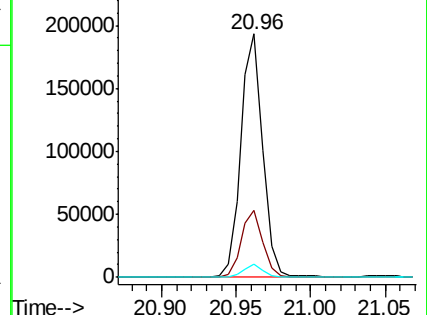
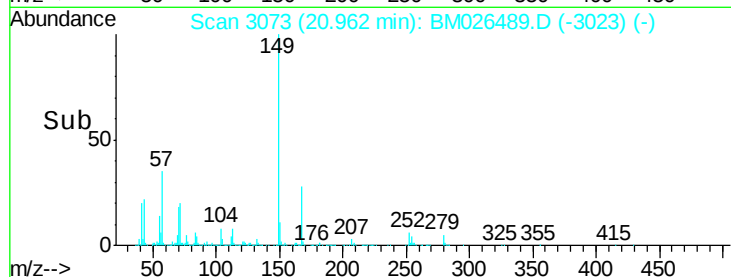
279 5.2 3.7 5.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Di-n-octyl phthalate

Concen: 7.949 ng

RT: 21.81 min Scan# 3217

Delta R.T. -0.00 min

Lab File: BM026489.D

Acq: 22 Jun 2020 14:18

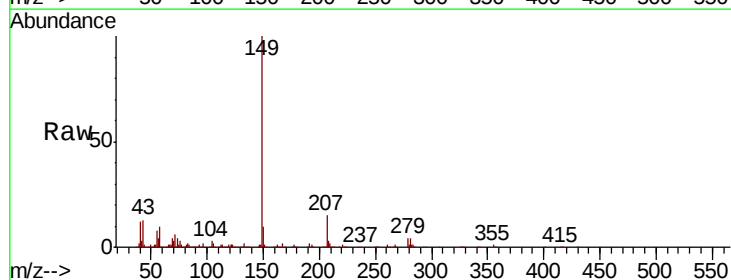
Tgt Ion:149 Resp: 323114

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

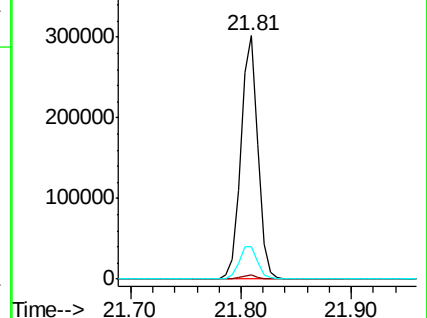
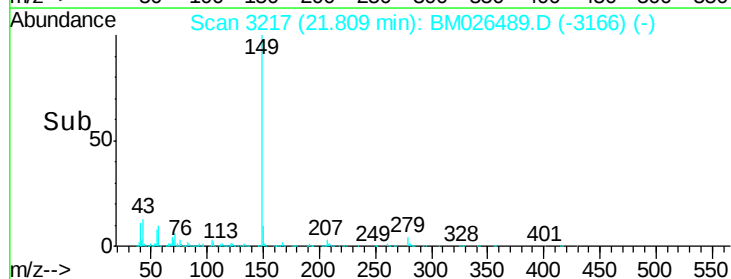
43 14.7 10.3 15.5

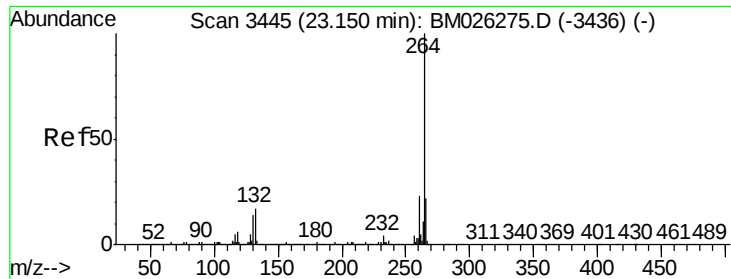


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM0

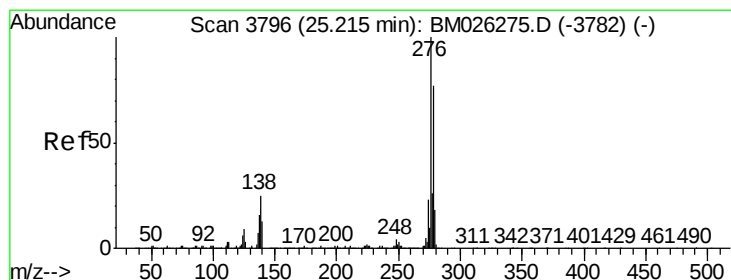
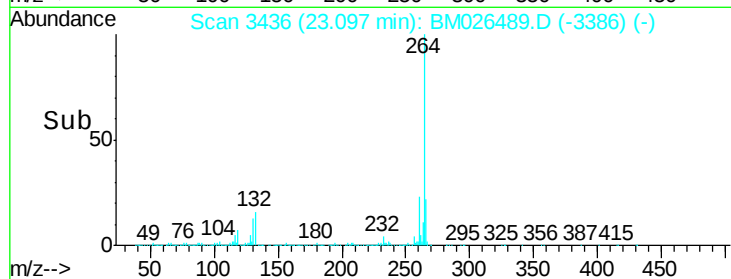
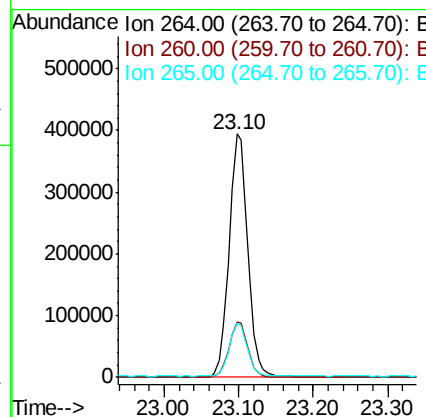
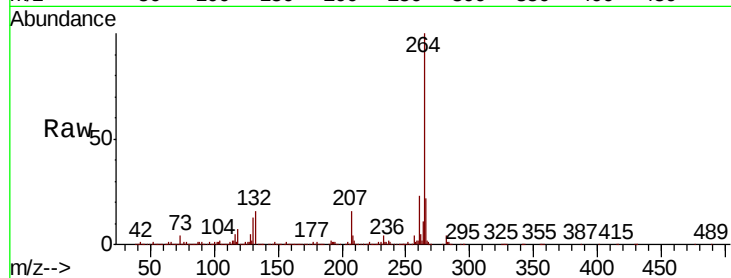




#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.10 min Scan# 3436
Delta R.T. -0.01 min
Lab File: BM026489.D
Acq: 22 Jun 2020 14:18

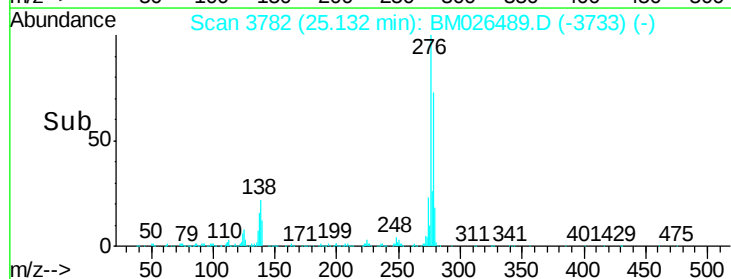
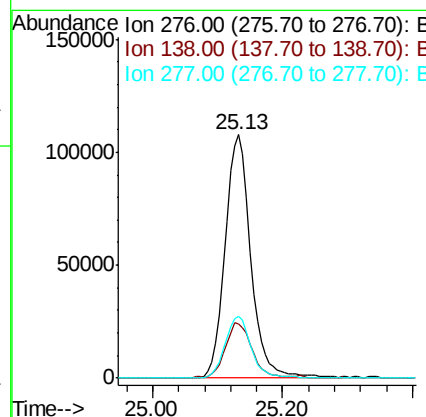
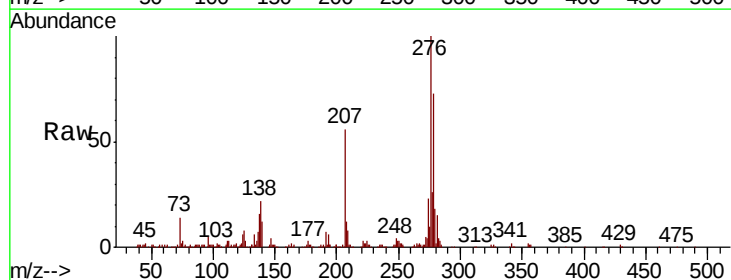
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT2-2020

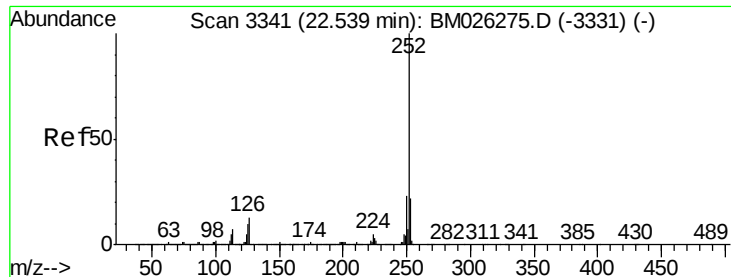
Tot Ion:264 Resp: 693250
Ion Ratio Lower Upper
264 100
260 22.8 18.6 28.0
265 22.0 17.8 26.6



#87
Indeno(1,2,3-cd)pyrene
Concen: 7.378 ng
RT: 25.13 min Scan# 3782
Delta R.T. -0.01 min
Lab File: BM026489.D
Acq: 22 Jun 2020 14:18

Tgt Ion:276 Resp: 295868
Ion Ratio Lower Upper
276 100
138 23.6 19.0 28.6
277 25.6 20.2 30.4





#88

Benzo(b)fluoranthene

Concen: 7.611 ng

RT: 22.49 min Scan# 3332

Delta R.T. -0.01 min

Lab File: BM026489.D

Acq: 22 Jun 2020 14:18

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-03-QT2-2020

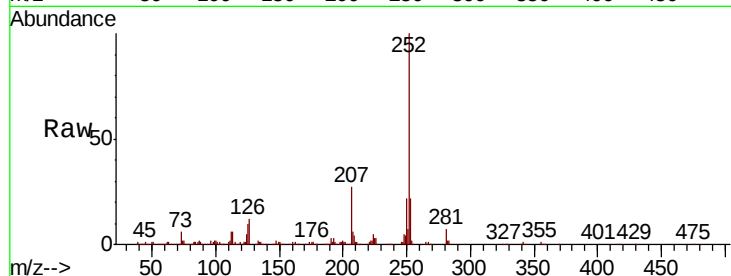
Tot Ion:252 Resp: 317400

Ion Ratio Lower Upper

252 100

253 21.9 17.6 26.4

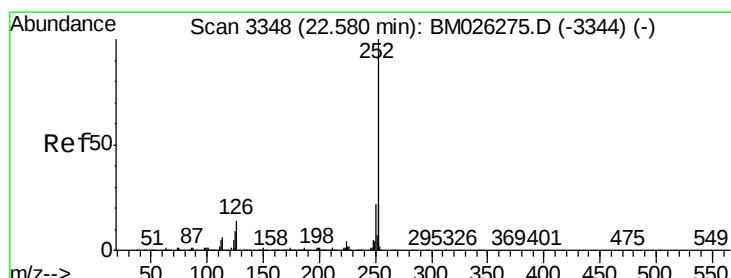
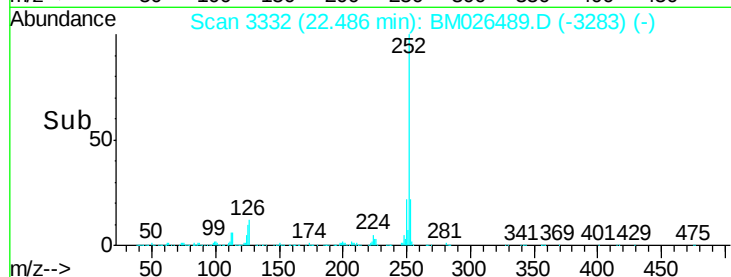
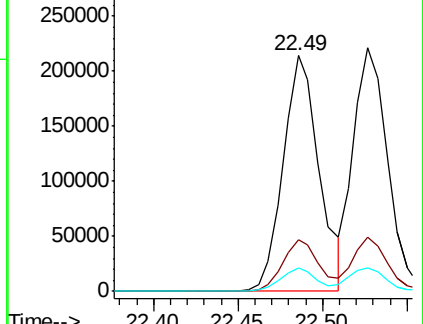
125 10.2 8.0 12.0



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



#89

Benzo(k)fluoranthene

Concen: 7.731 ng

RT: 22.53 min Scan# 3339

Delta R.T. -0.01 min

Lab File: BM026489.D

Acq: 22 Jun 2020 14:18

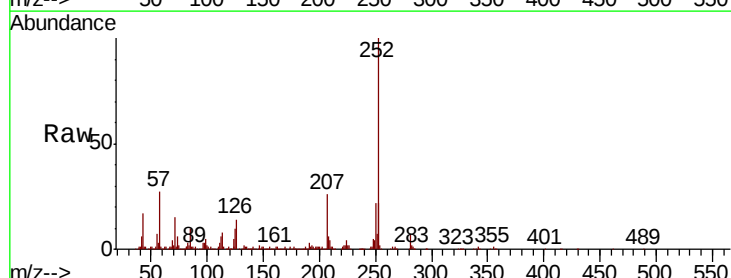
Tgt Ion:252 Resp: 313229

Ion Ratio Lower Upper

252 100

253 22.2 17.2 25.8

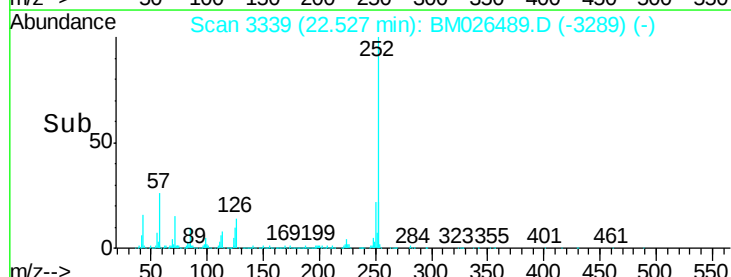
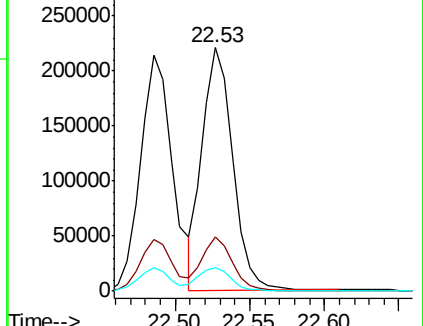
125 9.9 7.8 11.8

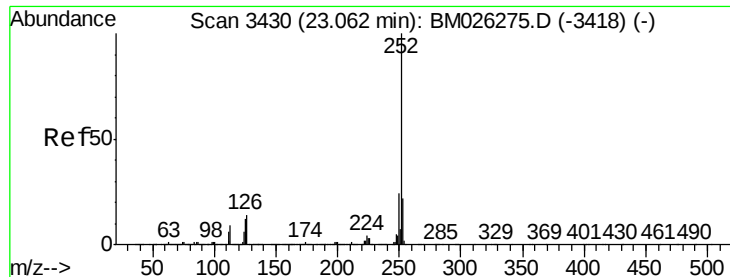


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Benzo(a)pyrene

Concen: 7.331 ng

RT: 23.01 min Scan# 3421

Delta R.T. -0.01 min

Lab File: BM026489.D

Acq: 22 Jun 2020 14:18

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-03-QT2-2020

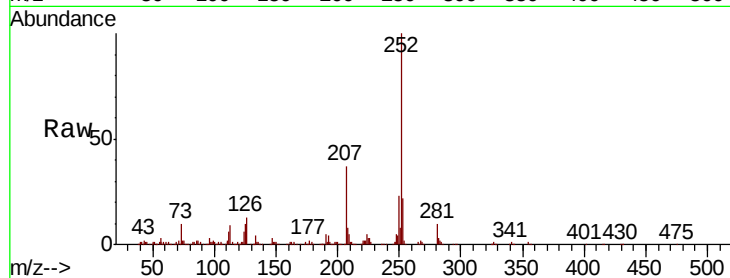
Tot Ion:252 Resp: 271525

Ion Ratio Lower Upper

252 100

253 22.5 17.3 25.9

125 9.9 8.6 12.8

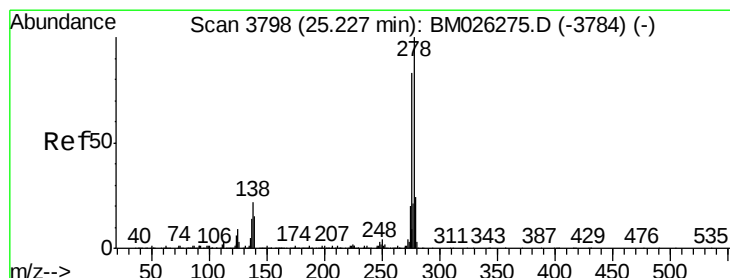
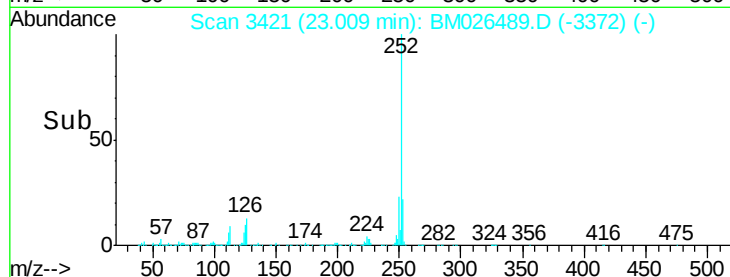
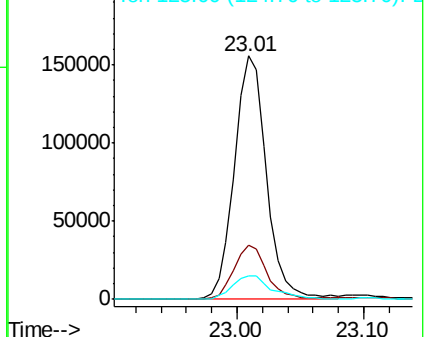


Abundance

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



#91

Dibenzo(a,h)anthracene

Concen: 7.470 ng

RT: 25.14 min Scan# 3784

Delta R.T. -0.01 min

Lab File: BM026489.D

Acq: 22 Jun 2020 14:18

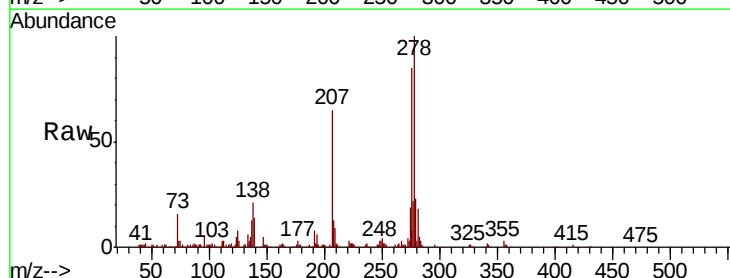
Tgt Ion:278 Resp: 250094

Ion Ratio Lower Upper

278 100

139 13.8 12.3 18.5

279 22.9 18.9 28.3

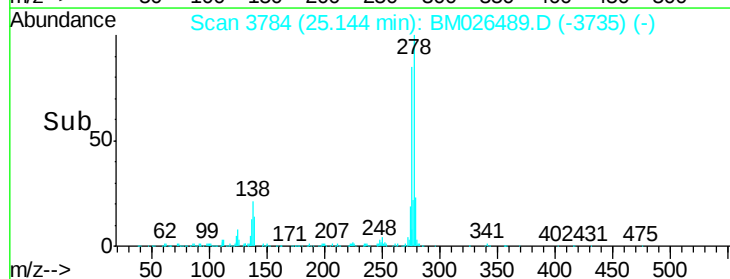
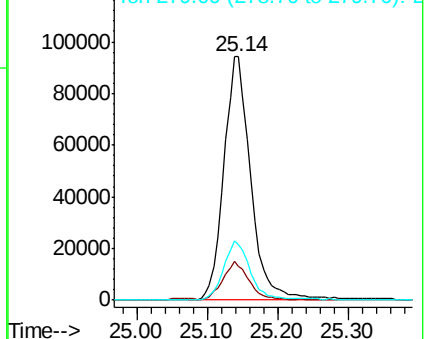


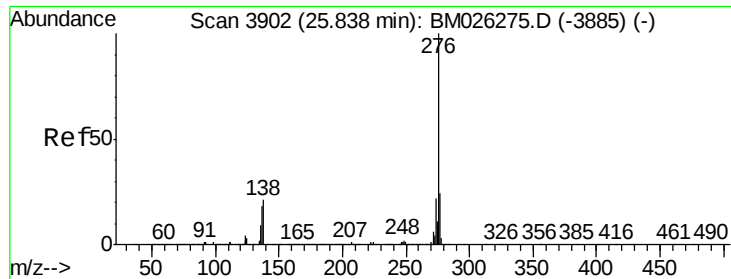
Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#92

Benzo(a,h,i)perylene

Concen: 7.527 ng

RT: 25.74 min Scan# 3886

Delta R.T. -0.01 min

Lab File: BM026489.D

Acq: 22 Jun 2020 14:18

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-03-QT2-2020

Tot Ion: 276 Resp: 239799

Ion Ratio Lower Upper

276 100

277 23.4 19.0 28.4

138 19.5 16.2 24.4

