

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM070920\
 Data File : BM026701.D
 Acq On : 08 Jul 2020 11:18
 Operator : JU/CG
 Sample : L3216-01
 Misc : LOD-MDL-SOIL-5PPM
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 LOQ-SOIL-02-QT3-2020

Quant Time: Jul 08 12:04:36 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM070820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 08 12:03:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.33	152	53159	20.00	ng	0.00
21) Naphthalene-d8	10.08	136	240661	20.00	ng	0.00
39) Acenaphthene-d10	13.99	164	172201	20.00	ng	0.00
64) Phenanthrene-d10	16.74	188	402271	20.00	ng	0.00
76) Chrysene-d12	20.97	240	496756	20.00	ng	0.00
86) Perylene-d12	23.04	264	537081	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	4.96	112	329906	104.02	ng	0.00
7) Phenol-d6	6.53	99	501990	99.34	ng	0.00
23) Nitrobenzene-d5	8.47	82	414835	73.54	ng	0.00
42) 2,4,6-Tribromophenol	15.50	330	262581	104.68	ng	0.00
45) 2-Fluorobiphenyl	12.60	172	940415	72.61	ng	0.00
79) Terphenyl-d14	19.41	244	1435856	56.88	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.96	88	7886	5.175	ng	# 90
3) Pyridine	3.38	79	12448	2.856	ng	# 85
4) n-Nitrosodimethylamine	3.29	42	11377	4.361	ng	# 76
6) Aniline	6.67	93	26999	4.353	ng	99
8) 2-Chlorophenol	6.90	128	15652	4.143	ng	95
9) Benzaldehyde	6.50	77	17834	6.359	ng	90
10) Phenol	6.56	94	20919	4.189	ng	79
11) bis(2-Chloroethyl)ether	6.78	93	16999	4.071	ng	98
12) 1,3-Dichlorobenzene	7.22	146	16539	4.027	ng	88
13) 1,4-Dichlorobenzene	7.36	146	17680	4.230	ng	95
14) 1,2-Dichlorobenzene	7.67	146	17864	4.290	ng	96
15) Benzyl Alcohol	7.59	79	14368	3.323	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.86	45	36964	4.289	ng	95
17) 2-Methylphenol	7.79	107	14325	3.774	ng	94
18) Hexachloroethane	8.37	117	6662	4.013	ng	98
19) n-Nitroso-di-n-propylamine	8.14	70	16136	3.838	ng	99
20) 3+4-Methylphenols	8.12	107	17942	3.438	ng	97
22) Acetophenone	8.15	105	29712	4.345	ng	# 96
24) Nitrobenzene	8.52	77	27100	4.567	ng	99
25) Isophorone	9.05	82	41927	3.876	ng	97
26) 2-Nitrophenol	9.23	139	7275	3.322	ng	94
27) 2,4-Dimethylphenol	9.30	122	15672	4.400	ng	100
28) bis(2-Chloroethoxy)methane	9.54	93	24152	4.042	ng	99
29) 2,4-Dichlorophenol	9.77	162	13456	3.431	ng	88
30) 1,2,4-Trichlorobenzene	9.96	180	18588	4.248	ng	95
31) Naphthalene	10.13	128	56174	4.197	ng	98
32) Benzoic acid	9.47	122	602	0.223	ng	# 46
33) 4-Chloroaniline	10.27	127	22280	3.805	ng	96
34) Hexachlorobutadiene	10.42	225	12493	4.311	ng	88
35) Caprolactam	11.05	113	4210	3.030	ng	93
36) 4-Chloro-3-methylphenol	11.41	107	17796	3.590	ng	97
37) 2-Methylnaphthalene	11.76	142	42388	4.275	ng	98
38) 1-Methylnaphthalene	11.99	142	40066	4.218	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.15	216	24046	4.320	ng	96

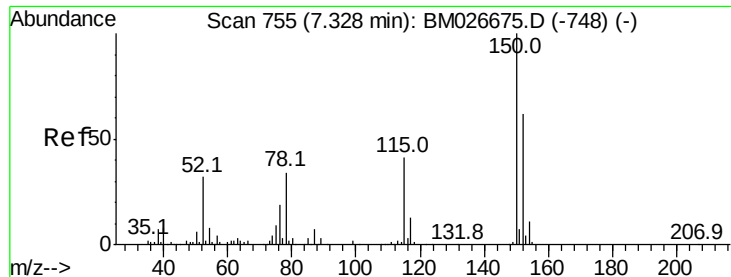
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM070920\
 Data File : BM026701.D
 Acq On : 08 Jul 2020 11:18
 Operator : JU/CG
 Sample : L3216-01
 Misc : LOD-MDL-SOIL-5PPM
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 LOQ-SOIL-02-QT3-2020

Quant Time: Jul 08 12:04:36 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM070820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 08 12:03:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.12	237	5772	2.173	ng	100
43) 2,4,6-Trichlorophenol	12.41	196	11464	3.144	ng	96
44) 2,4,5-Trichlorophenol	12.49	196	14894	3.476	ng	92
46) 1,1'-Biphenyl	12.81	154	60433	4.443	ng	98
47) 2-Chloronaphthalene	12.84	162	43695	3.977	ng	100
48) 2-Nitroaniline	13.07	65	14050	3.107	ng	97
49) Acenaphthylene	13.70	152	68867	3.920	ng	99
50) Dimethylphthalate	13.46	163	59992	4.073	ng	99
51) 2,6-Dinitrotoluene	13.58	165	11486	3.642	ng	89
52) Acenaphthene	14.05	154	42263	3.959	ng	97
53) 3-Nitroaniline	13.93	138	8985	2.738	ng	88
54) 2,4-Dinitrophenol	14.16	184	1851	1.003	ng	96
55) Dibenzofuran	14.39	168	70990	4.056	ng	98
56) 4-Nitrophenol	14.28	139	4567	1.774	ng	100
57) 2,4-Dinitrotoluene	14.39	165	14227	3.125	ng	# 68
58) Fluorene	15.05	166	57413	3.962	ng	97
59) 2,3,4,6-Tetrachlorophenol	14.64	232	13683	3.656	ng	97
60) Diethylphthalate	14.85	149	60824	3.905	ng	97
61) 4-Chlorophenyl-phenylether	15.06	204	29975	3.818	ng	95
62) 4-Nitroaniline	15.10	138	7381	2.155	ng	92
63) Azobenzene	15.35	77	65289	3.817	ng	96
65) 4,6-Dinitro-2-methylphenol	15.17	198	5702	2.085	ng	# 72
66) n-Nitrosodiphenylamine	15.27	169	48812	3.818	ng	99
67) 4-Bromophenyl-phenylether	15.95	248	18452	3.685	ng	97
68) Hexachlorobenzene	16.06	284	21601	4.099	ng	94
69) Atrazine	16.24	200	17003	4.423	ng	96
70) Pentachlorophenol	16.42	266	7639	2.562	ng	93
71) Phenanthrene	16.79	178	97568	4.108	ng	98
72) Anthracene	16.88	178	92531	3.914	ng	99
73) Carbazole	17.17	167	79160	3.512	ng	98
74) Di-n-butylphthalate	17.74	149	96396	3.401	ng	99
75) Fluoranthene	18.82	202	117172	4.006	ng	99
77) Benzidine	19.03	184	33429	3.413	ng	100
78) Pyrene	19.19	202	121585	3.885	ng	100
80) Butylbenzylphthalate	20.13	149	42499	3.026	ng	99
81) Benzo(a)anthracene	20.96	228	136149	4.080	ng	97
82) 3,3'-Dichlorobenzidine	20.90	252	42116	3.977	ng	100
83) Chrysene	21.00	228	131416	4.046	ng	99
84) Bis(2-ethylhexyl)phthalate	20.92	149	69433	3.086	ng	98
85) Di-n-octyl phthalate	21.76	149	118980	3.094	ng	# 93
87) Indeno(1,2,3-cd)pyrene	25.05	276	161443	4.222	ng	99
88) Benzo(b)fluoranthene	22.44	252	137342	3.881	ng	98
89) Benzo(k)fluoranthene	22.48	252	139076	4.007	ng	98
90) Benzo(a)pyrene	22.95	252	126973	3.865	ng	98
91) Dibenzo(a,h)anthracene	25.06	278	134628	4.171	ng	98
92) Benzo(g,h,i)perylene	25.66	276	132938	4.470	ng	97

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

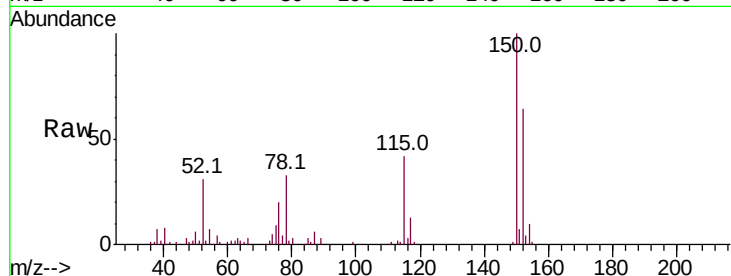


#1

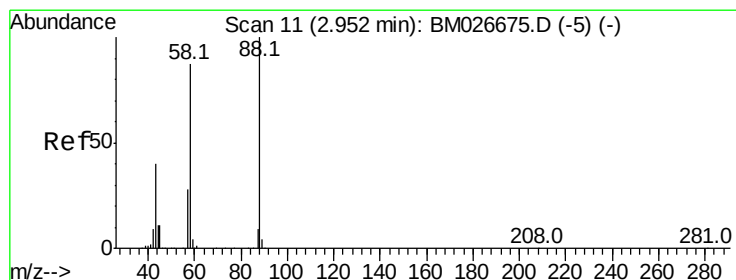
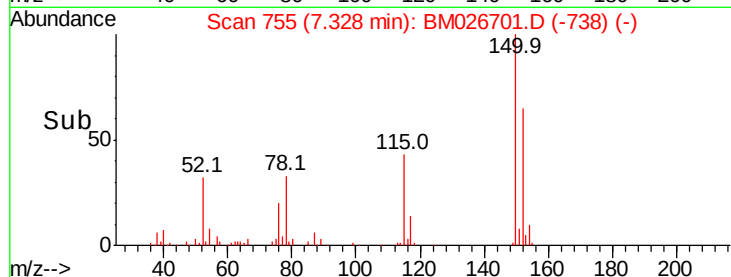
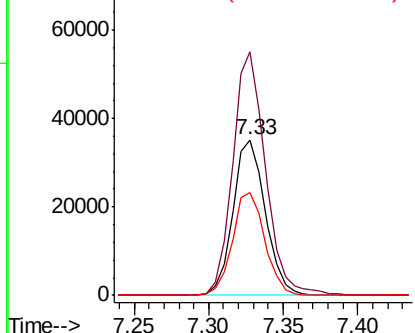
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.33 min Scan# 755
Delta R.T. 0.00 min
Lab File: BM026701.D
Acq: 08 Jul 2020 11:18

Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT3-2020

Tot Ion:152 Resp: 53159
Ion Ratio Lower Upper
152 100
150 156.6 128.1 192.1
115 65.9 52.2 78.4



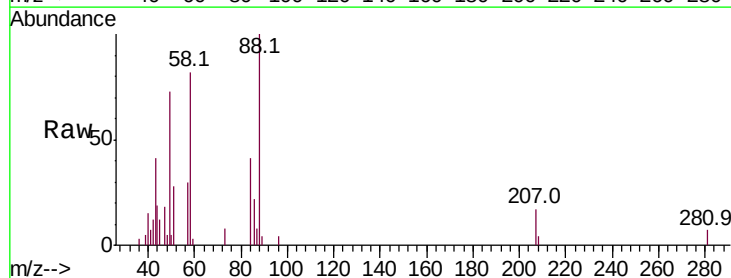
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



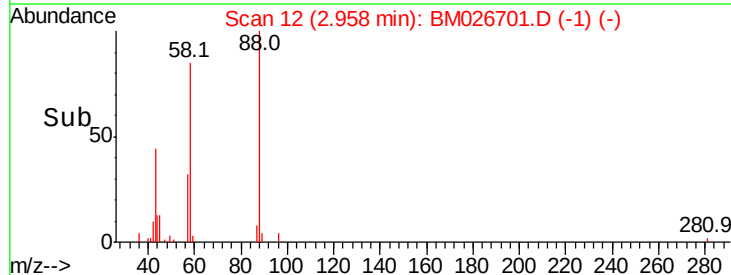
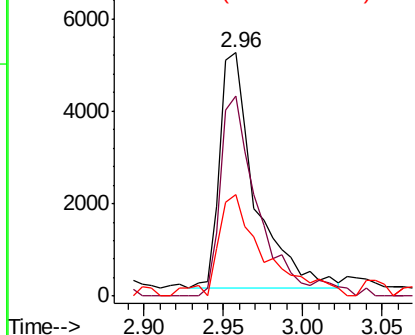
#2

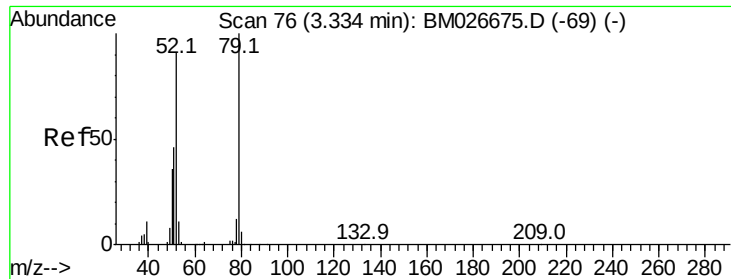
1,4-Dioxane
Concen: 5.175 ng
RT: 2.96 min Scan# 12
Delta R.T. 0.01 min
Lab File: BM026701.D
Acq: 08 Jul 2020 11:18

Tgt Ion: 88 Resp: 7886
Ion Ratio Lower Upper
88 100
58 87.3 73.2 109.8
43 56.8 34.3 51.5#



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

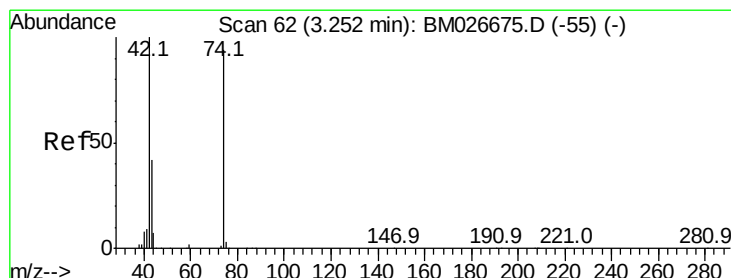
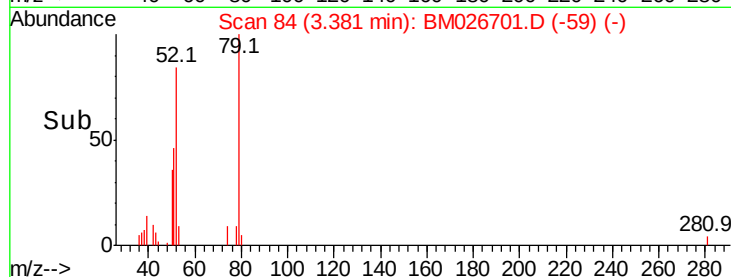
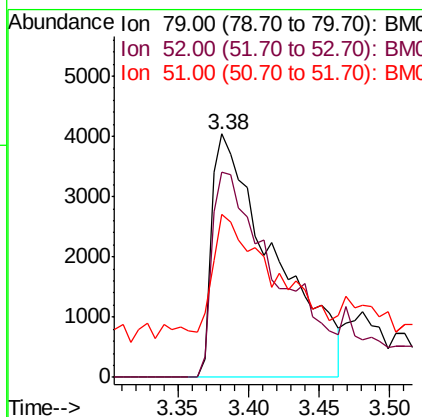
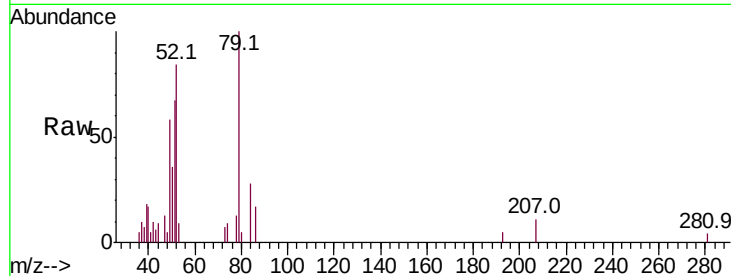




#3
 Pvridine
 Concen: 2.856 ng
 RT: 3.38 min Scan# 84
 Delta R.T. 0.05 min
 Lab File: BM026701.D
 Acq: 08 Jul 2020 11:18

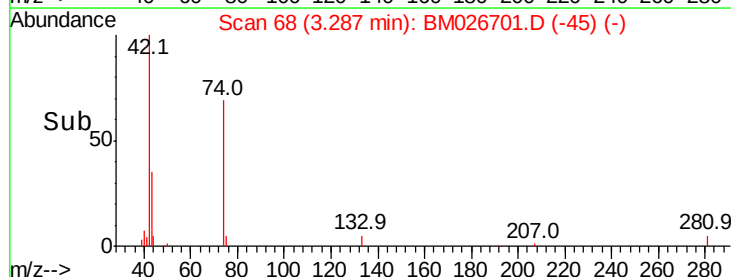
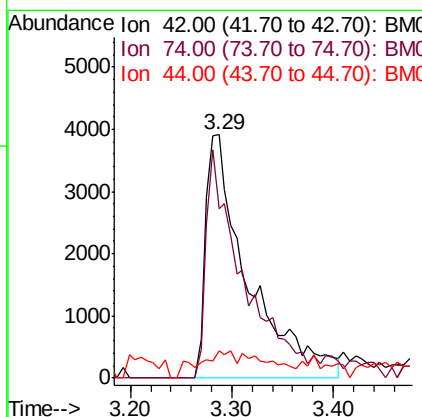
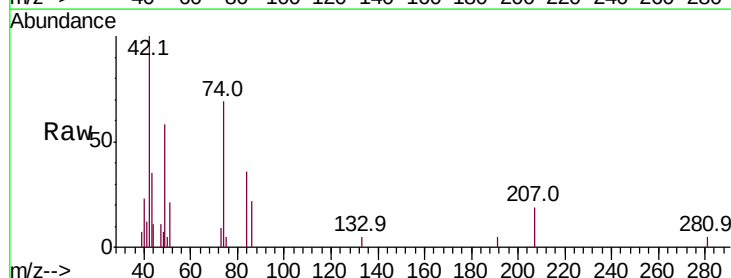
Instrument :
 BNA_M
 ClientSampleId :
 LOQ-SOIL-02-QT3-2020

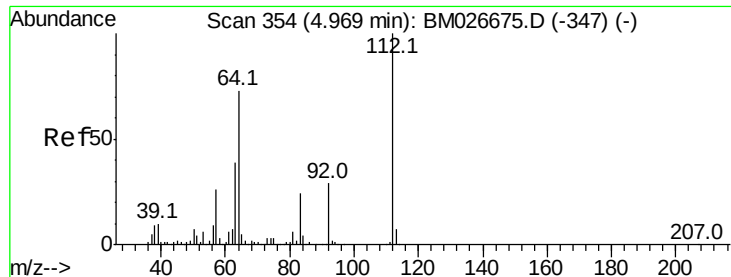
Tot Ion: 79 Resp: 12448
 Ion Ratio Lower Upper
 79 100
 52 84.1 72.9 109.3
 51 67.1 37.6 56.4#



#4
 n-Nitrosodimethylamine
 Concen: 4.361 ng
 RT: 3.29 min Scan# 68
 Delta R.T. 0.04 min
 Lab File: BM026701.D
 Acq: 08 Jul 2020 11:18

Tgt Ion: 42 Resp: 11377
 Ion Ratio Lower Upper
 42 100
 74 69.4 75.1 112.7#
 44 11.2 5.7 8.5#





#5

2-Fluorophenol

Concen: 104.019 ng

RT: 4.96 min Scan# 353

Delta R.T. 0.00 min

Lab File: BM026701.D

Acq: 08 Jul 2020 11:18

Instrument :

BNA_M

ClientSampleId :

LOQ-SOIL-02-QT3-2020

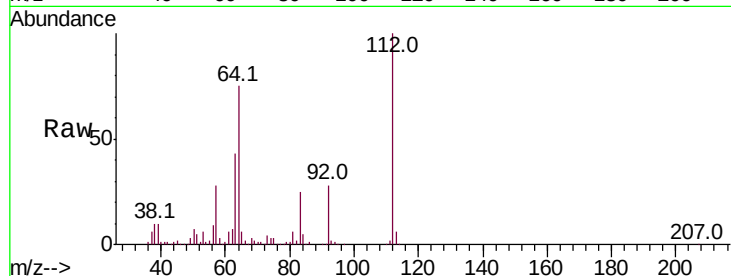
Tot Ion:112 Resp: 329906

Ion Ratio Lower Upper

112 100

64 74.8 58.4 87.6

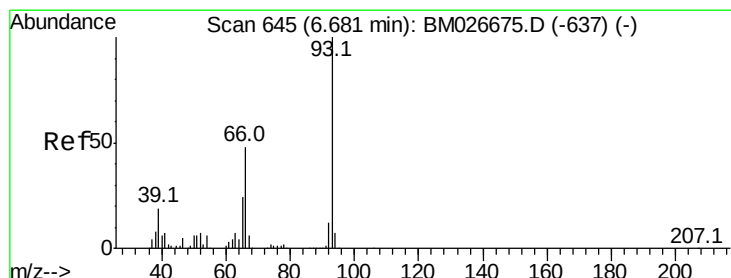
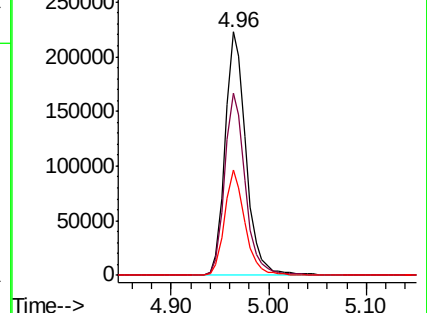
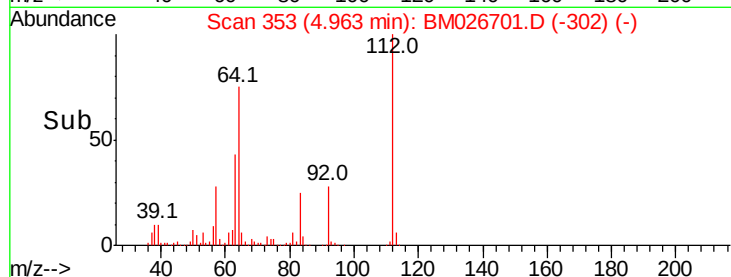
63 43.1 31.5 47.3



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 4.353 ng

RT: 6.67 min Scan# 644

Delta R.T. 0.00 min

Lab File: BM026701.D

Acq: 08 Jul 2020 11:18

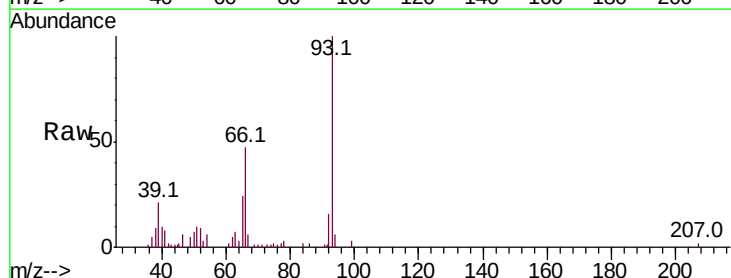
Tgt Ion: 93 Resp: 26999

Ion Ratio Lower Upper

93 100

66 47.2 38.2 57.4

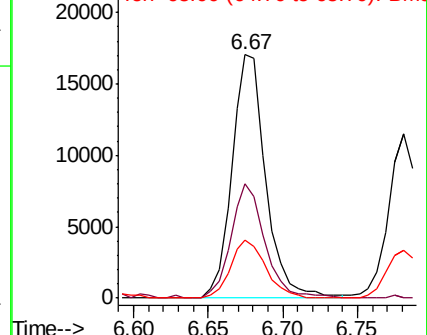
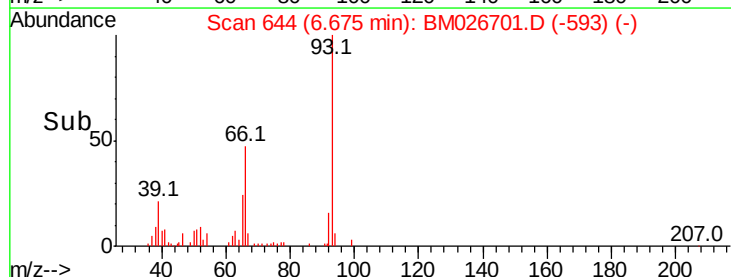
65 24.0 19.6 29.4

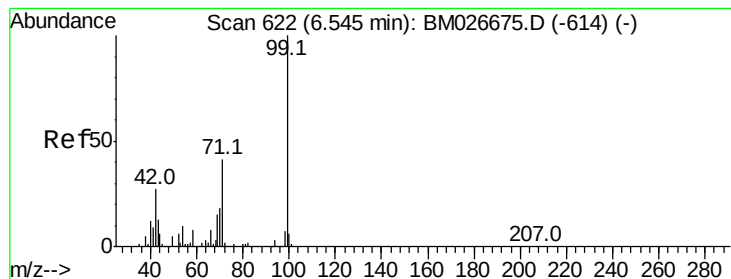


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 99.342 ng

RT: 6.53 min Scan# 620

Delta R.T. -0.01 min

Lab File: BM026701.D

Acq: 08 Jul 2020 11:18

Instrument :

BNA_M

ClientSampleId :

LOQ-SOIL-02-QT3-2020

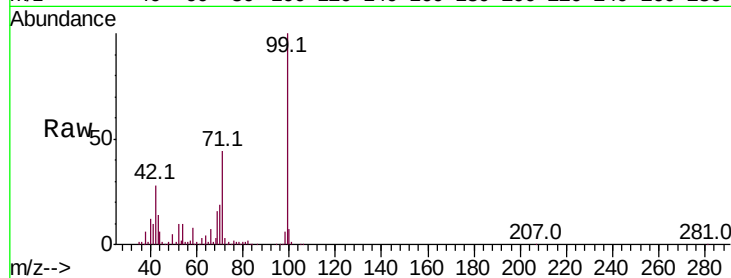
Tot Ion: 99 Resp: 501990

Ion Ratio Lower Upper

99 100

42 28.5 21.7 32.5

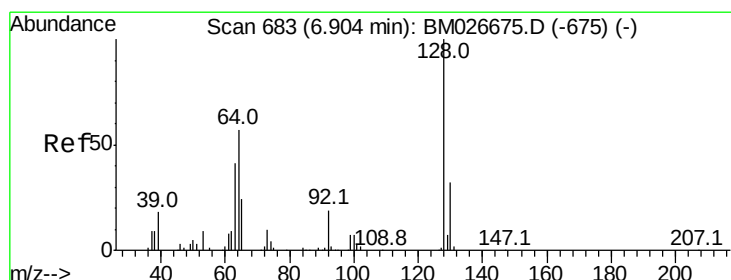
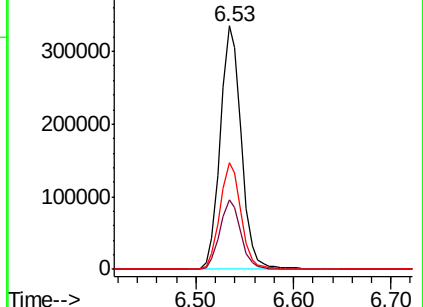
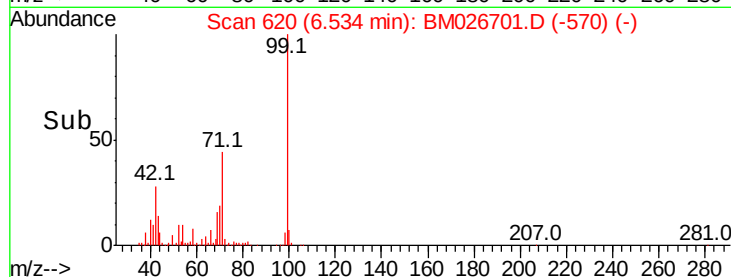
71 43.7 33.2 49.8



Abundance Ion 99.00 (98.70 to 99.70): BM026701.D (-570) (-)

Ion 42.00 (41.70 to 42.70): BM026701.D (-570) (-)

Ion 71.00 (70.70 to 71.70): BM026701.D (-570) (-)



#8

2-Chlorophenol

Concen: 4.143 ng

RT: 6.90 min Scan# 682

Delta R.T. -0.01 min

Lab File: BM026701.D

Acq: 08 Jul 2020 11:18

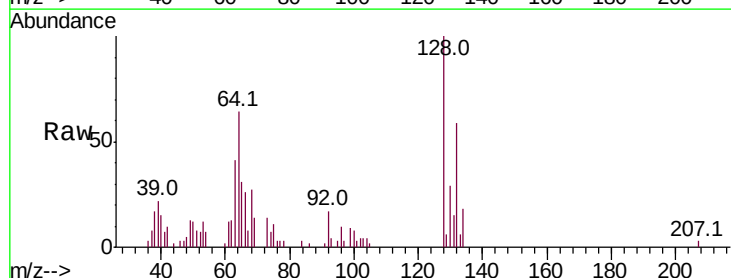
Tgt Ion: 128 Resp: 15652

Ion Ratio Lower Upper

128 100

130 28.5 12.2 52.2

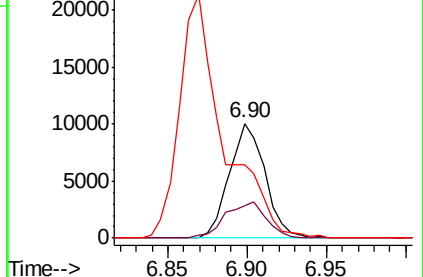
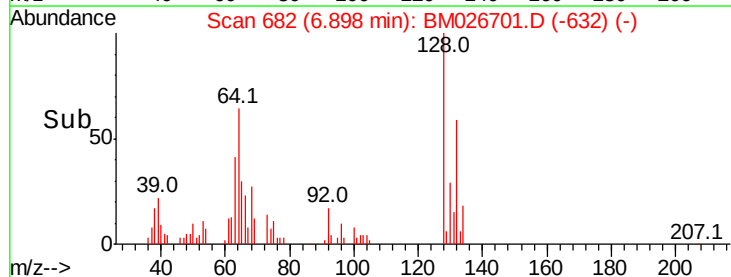
64 64.4 41.4 81.4

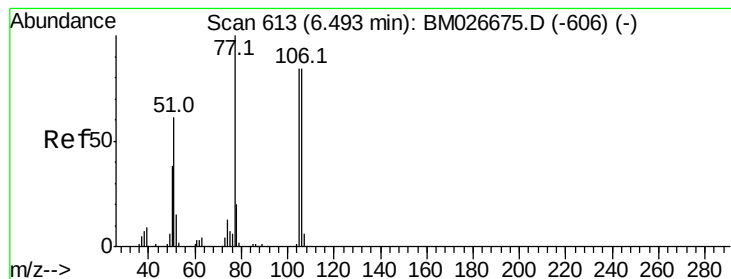


Abundance Ion 128.00 (127.70 to 128.70): BM026701.D (-632) (-)

Ion 130.00 (129.70 to 130.70): BM026701.D (-632) (-)

Ion 64.00 (63.70 to 64.70): BM026701.D (-632) (-)





#9

Benzaldehyde

Concen: 6.359 ng

RT: 6.50 min Scan# 614

Delta R.T. 0.01 min

Lab File: BM026701.D

Acq: 08 Jul 2020 11:18

Instrument :

BNA_M

ClientSampleId :

LOQ-SOIL-02-QT3-2020

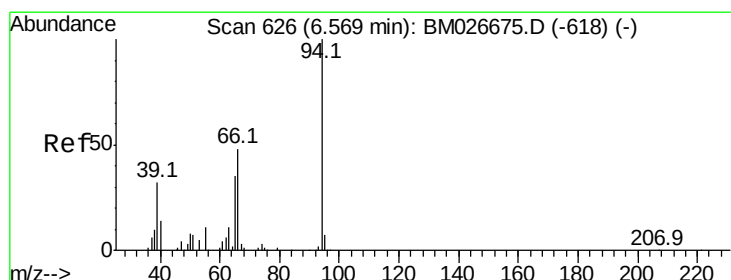
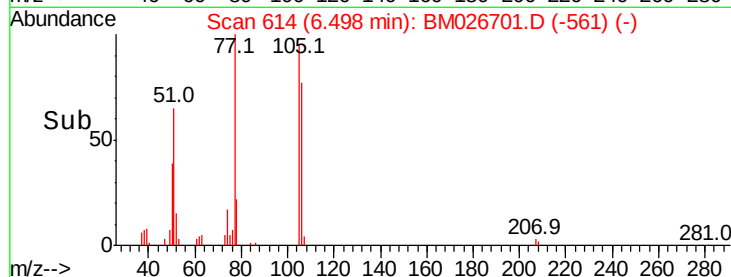
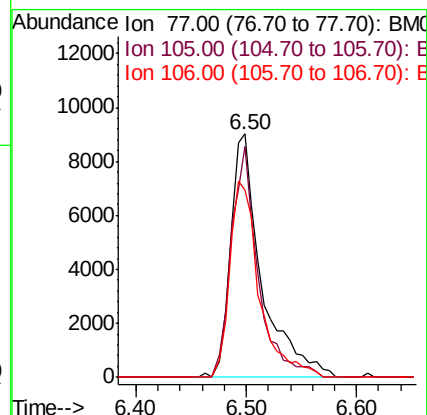
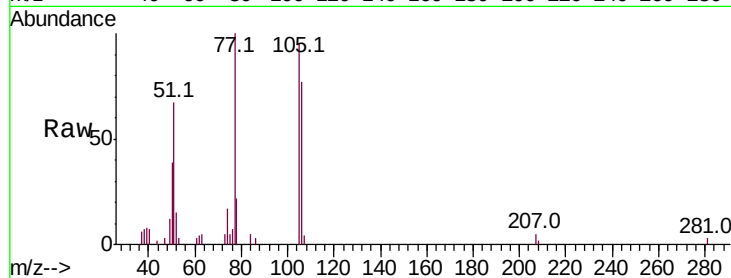
Tot Ion: 77 Resp: 17834

Ion Ratio Lower Upper

77 100

105 94.7 64.4 104.4

106 76.7 64.3 104.3



#10

Phenol

Concen: 4.189 ng

RT: 6.56 min Scan# 624

Delta R.T. -0.01 min

Lab File: BM026701.D

Acq: 08 Jul 2020 11:18

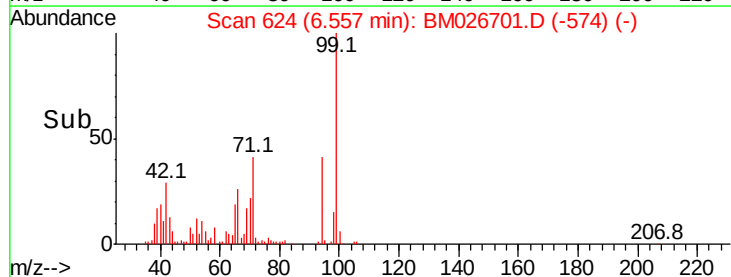
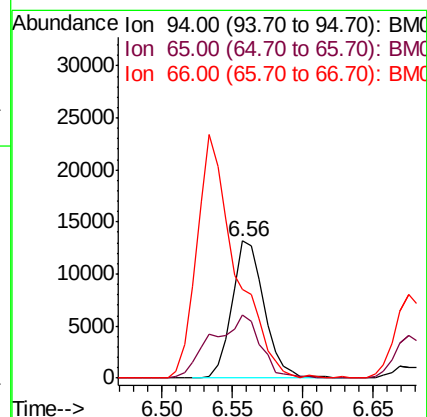
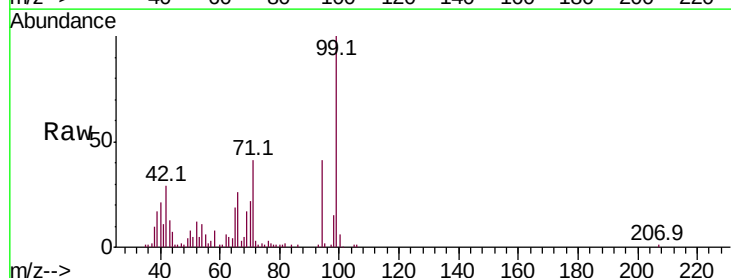
Tgt Ion: 94 Resp: 20919

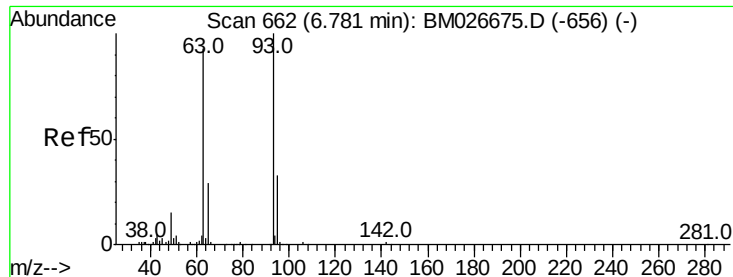
Ion Ratio Lower Upper

94 100

65 46.6 15.5 55.5

66 65.1 29.8 69.8





#11

bis(2-Chloroethyl)ether

Concen: 4.071 ng

RT: 6.78 min Scan# 662

Delta R.T. 0.00 min

Lab File: BM026701.D

Acq: 08 Jul 2020 11:18

Instrument :

BNA_M

ClientSampleId :

LOQ-SOIL-02-QT3-2020

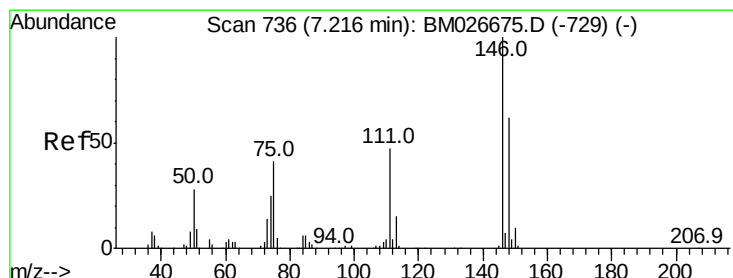
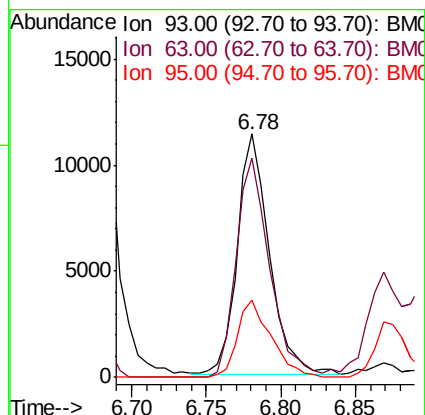
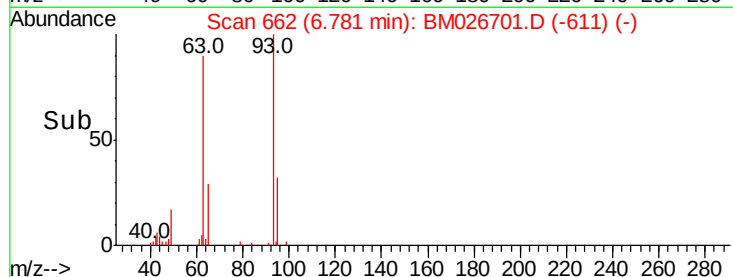
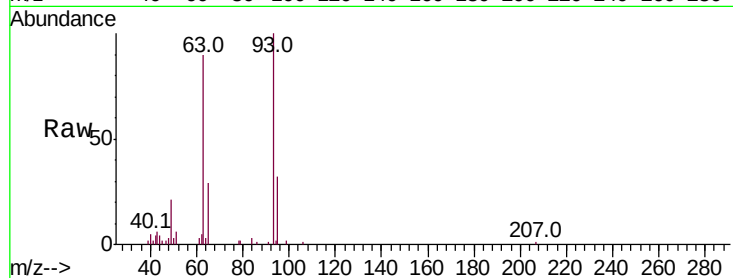
Tot Ion: 93 Resp: 16999

Ion Ratio Lower Upper

93 100

63 90.0 72.6 112.6

95 31.7 12.3 52.3



#12

1,3-Dichlorobenzene

Concen: 4.027 ng

RT: 7.22 min Scan# 736

Delta R.T. 0.00 min

Lab File: BM026701.D

Acq: 08 Jul 2020 11:18

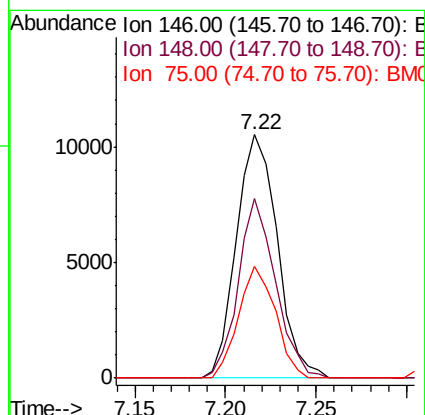
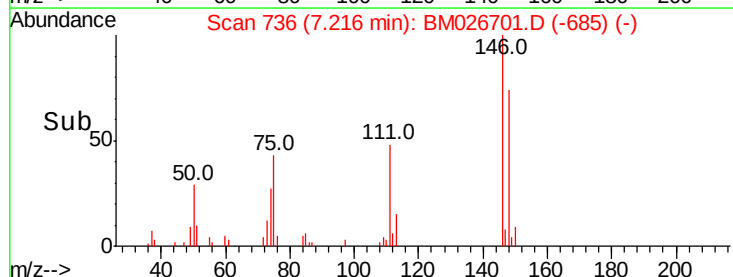
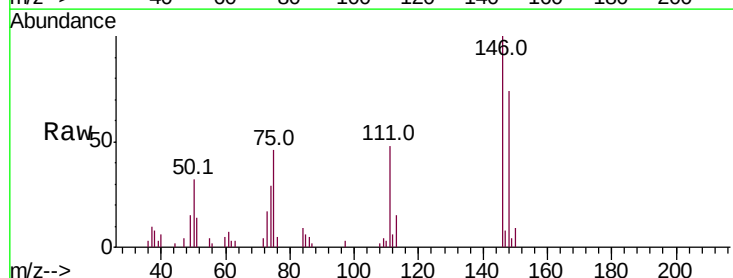
Tgt Ion: 146 Resp: 16539

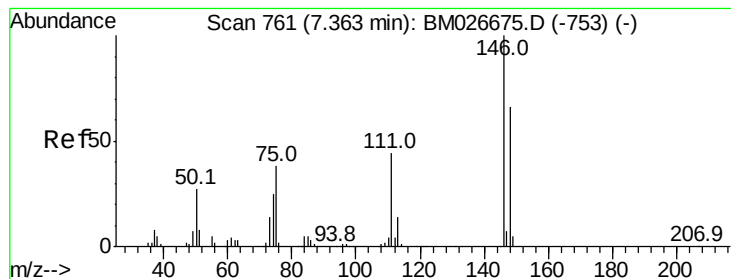
Ion Ratio Lower Upper

146 100

148 73.5 49.7 74.5

75 46.0 32.7 49.1





#13

1,4-Dichlorobenzene

Concen: 4.230 ng

RT: 7.36 min Scan# 761

Delta R.T. 0.00 min

Lab File: BM026701.D

Acq: 08 Jul 2020 11:18

Instrument :

BNA_M

ClientSampleId :

LOQ-SOIL-02-QT3-2020

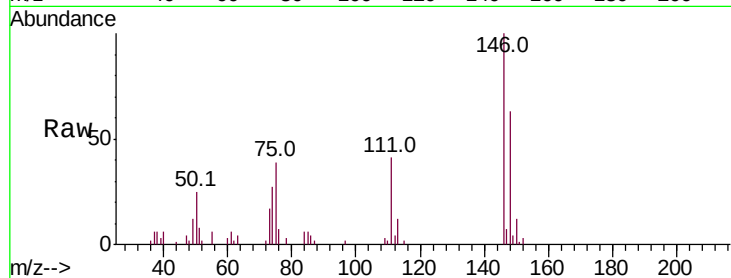
Tot Ion:146 Resp: 17680

Ion Ratio Lower Upper

146 100

148 62.5 52.4 78.6

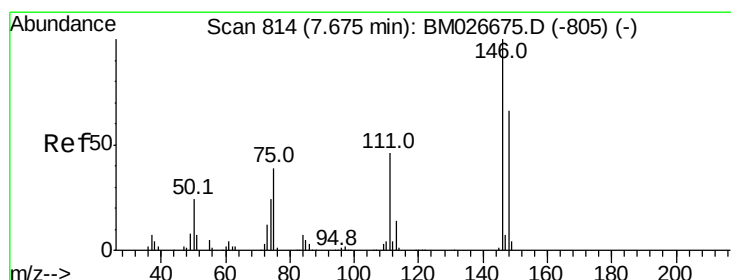
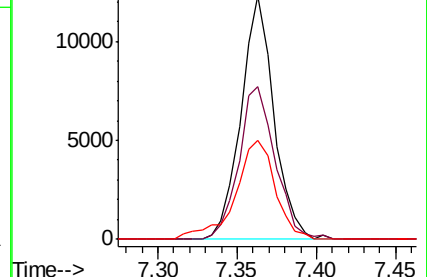
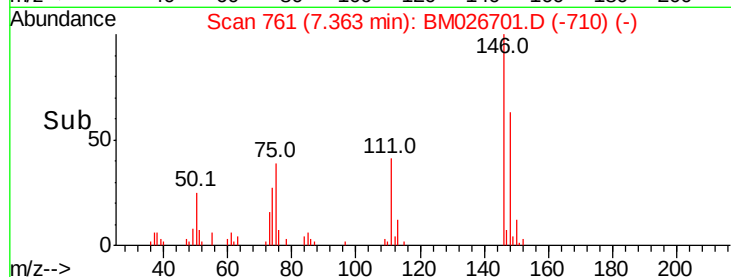
111 40.5 35.6 53.4



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 4.290 ng

RT: 7.67 min Scan# 813

Delta R.T. 0.00 min

Lab File: BM026701.D

Acq: 08 Jul 2020 11:18

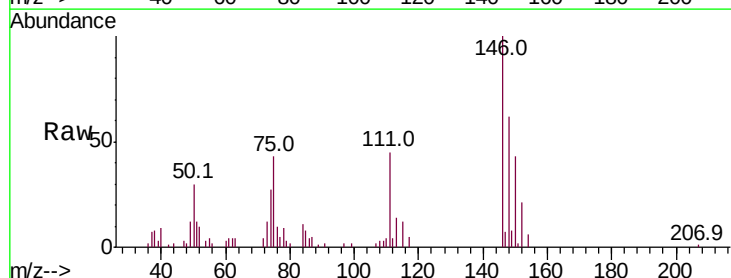
Tgt Ion:146 Resp: 17864

Ion Ratio Lower Upper

146 100

148 62.3 52.6 78.8

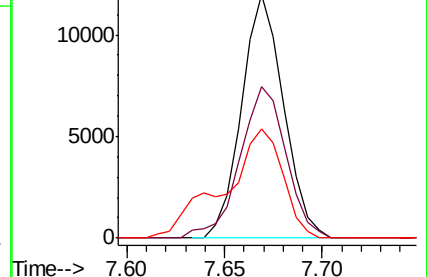
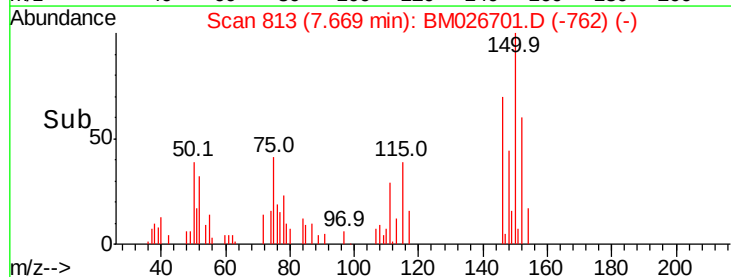
111 44.8 37.2 55.8

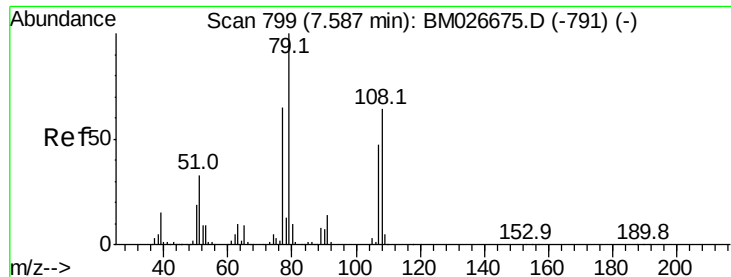


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 3.323 ng

RT: 7.59 min Scan# 799

Delta R.T. 0.01 min

Lab File: BM026701.D

Acq: 08 Jul 2020 11:18

Instrument :

BNA_M

ClientSampleId :

LOQ-SOIL-02-QT3-2020

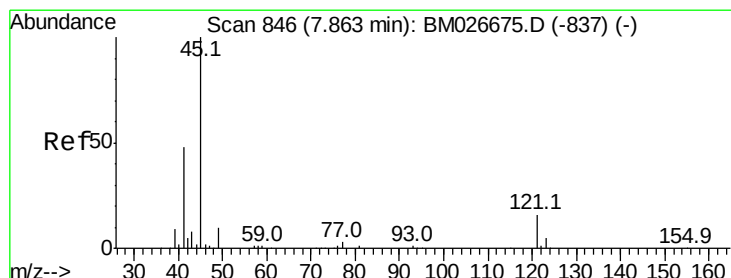
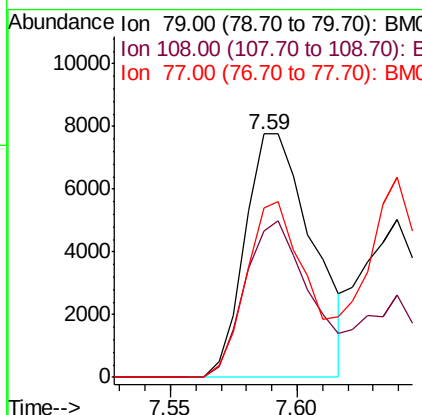
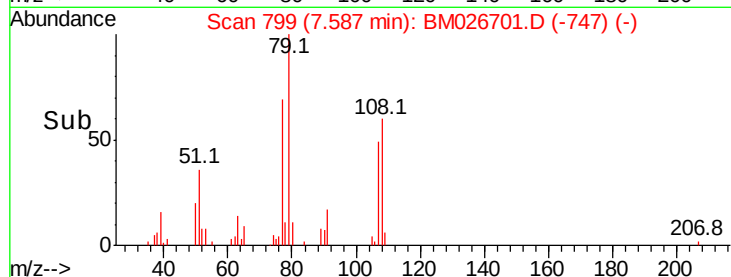
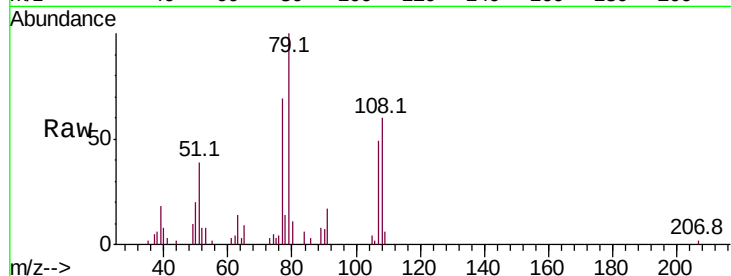
Tot Ion: 79 Resp: 14368

Ion Ratio Lower Upper

79 100

108 59.9 51.0 76.4

77 69.4 52.1 78.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 4.289 ng

RT: 7.86 min Scan# 846

Delta R.T. -0.01 min

Lab File: BM026701.D

Acq: 08 Jul 2020 11:18

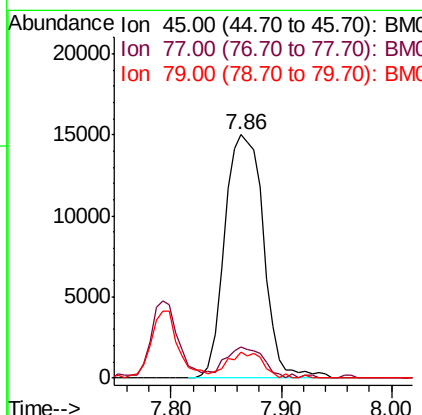
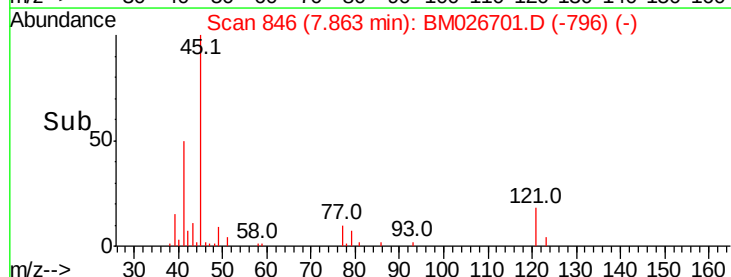
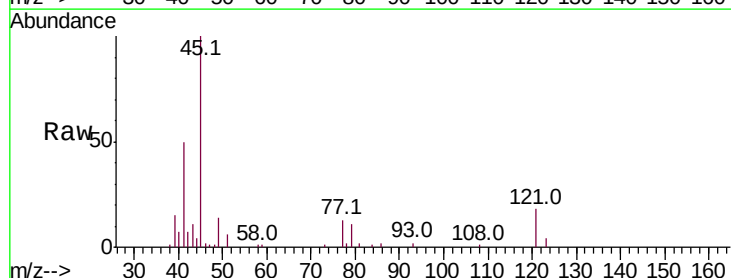
Tgt Ion: 45 Resp: 36964

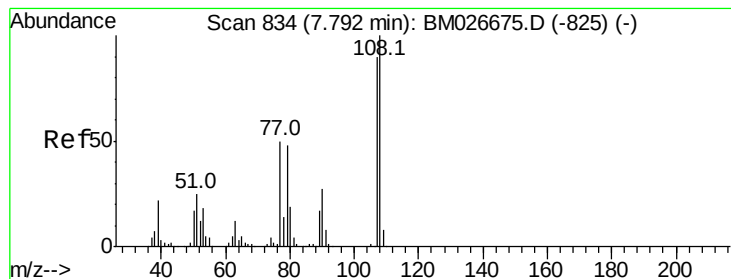
Ion Ratio Lower Upper

45 100

77 12.6 0.0 31.4

79 10.7 0.0 28.4





#17

2-Methylphenol

Concen: 3.774 ng

RT: 7.79 min Scan# 834

Delta R.T. 0.00 min

Lab File: BM026701.D

Acq: 08 Jul 2020 11:18

Instrument :

BNA_M

ClientSampleId :

LOQ-SOIL-02-QT3-2020

Tot Ion:107 Resp: 14325

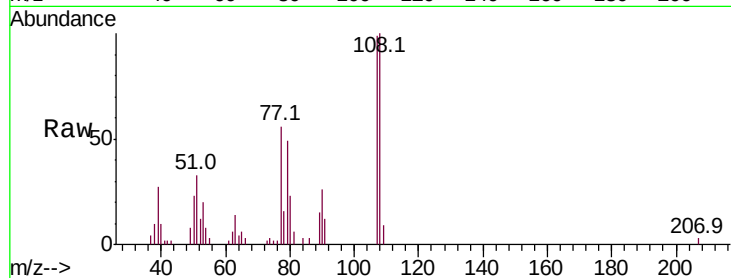
Ion Ratio Lower Upper

107 100

108 101.0 89.4 134.0

77 56.6 45.2 67.8

79 49.7 42.8 64.2



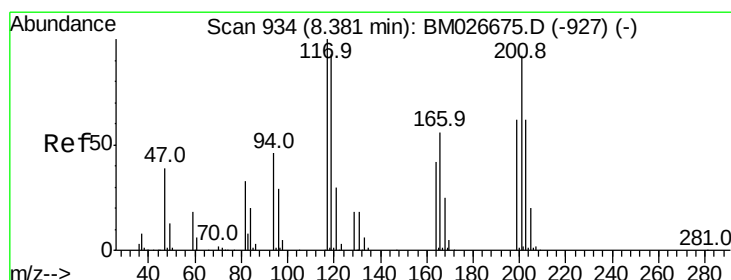
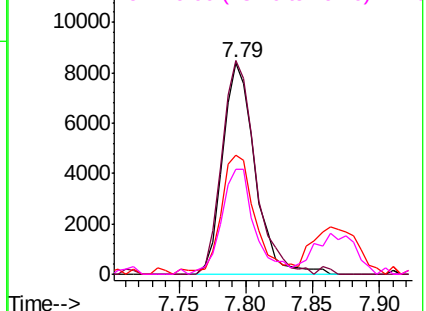
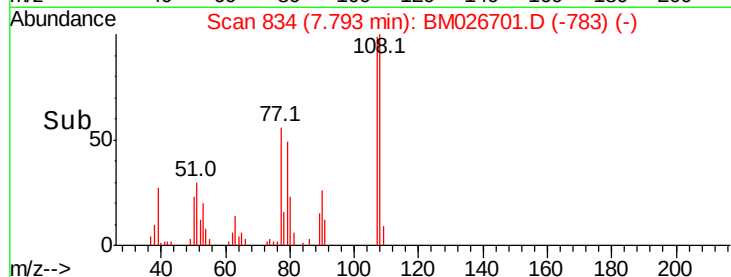
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM0

Ion 79.00 (78.70 to 79.70): BM0



#18

Hexachloroethane

Concen: 4.013 ng

RT: 8.37 min Scan# 933

Delta R.T. -0.01 min

Lab File: BM026701.D

Acq: 08 Jul 2020 11:18

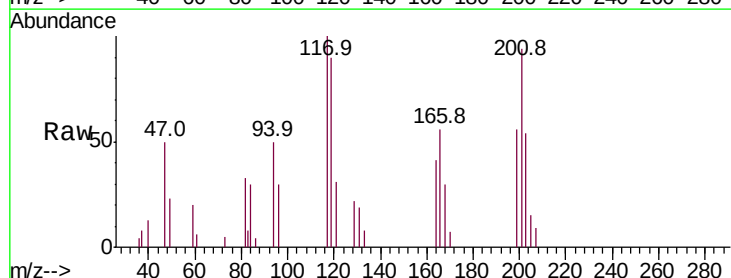
Tgt Ion:117 Resp: 6662

Ion Ratio Lower Upper

117 100

119 90.4 74.2 111.2

201 93.9 73.6 110.4

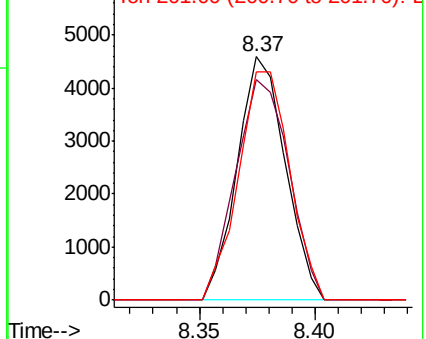
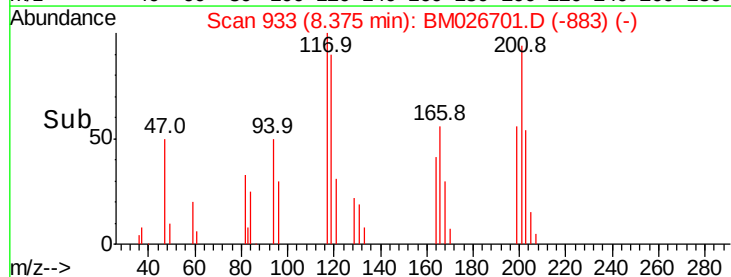


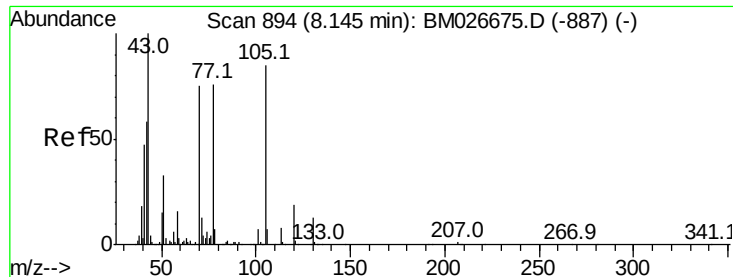
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 3.838 ng

RT: 8.14 min Scan# 893

Delta R.T. -0.01 min

Lab File: BM026701.D

Acq: 08 Jul 2020 11:18

Instrument :

BNA_M

ClientSampleId :

LOQ-SOIL-02-QT3-2020

Tot Ion: 70 Resp: 16136

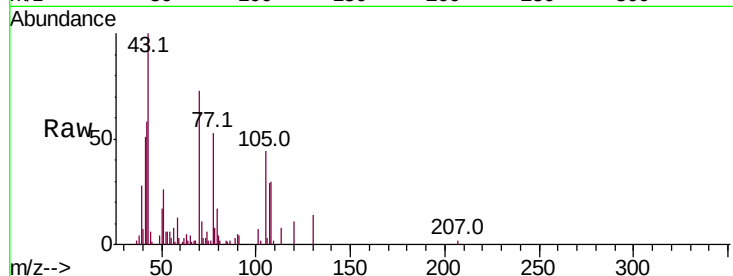
Ion Ratio Lower Upper

70 100

42 78.8 62.3 93.5

101 9.3 7.1 10.7

130 18.4 14.3 21.5



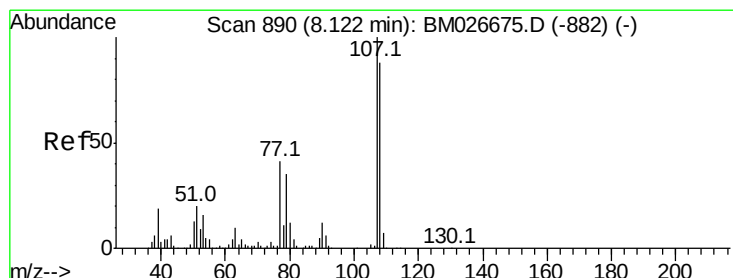
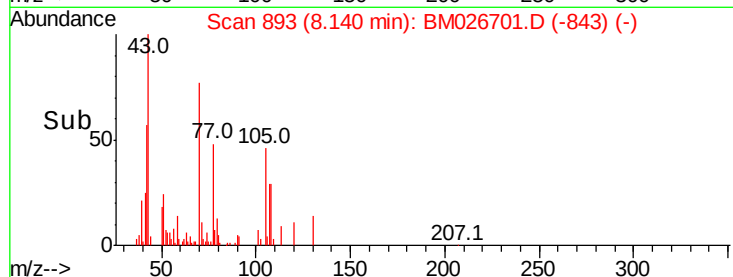
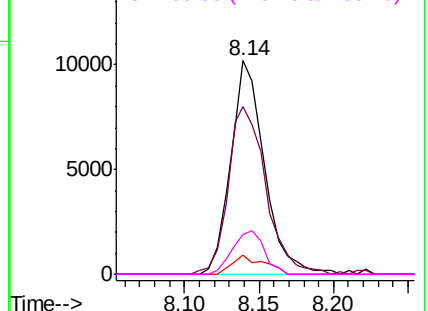
Abundance

Ion 70.00 (69.70 to 70.70): BM0

Ion 42.00 (41.70 to 42.70): BM0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20

3+4-Methylphenols

Concen: 3.438 ng

RT: 8.12 min Scan# 890

Delta R.T. 0.00 min

Lab File: BM026701.D

Acq: 08 Jul 2020 11:18

Tgt Ion:107 Resp: 17942

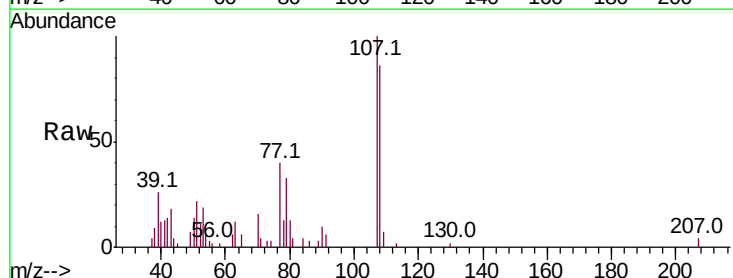
Ion Ratio Lower Upper

107 100

108 85.6 68.5 108.5

77 40.3 20.8 60.8

79 33.0 14.8 54.8



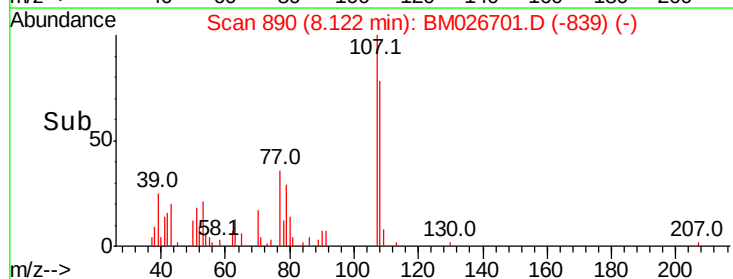
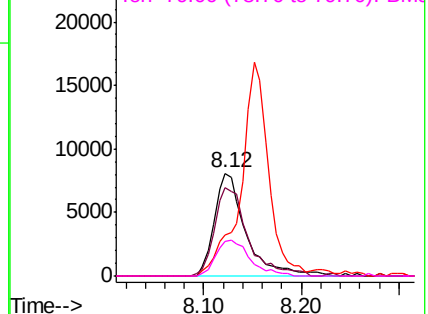
Abundance

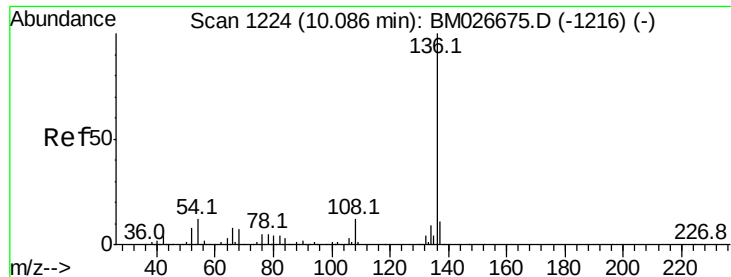
Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM0

Ion 79.00 (78.70 to 79.70): BM0

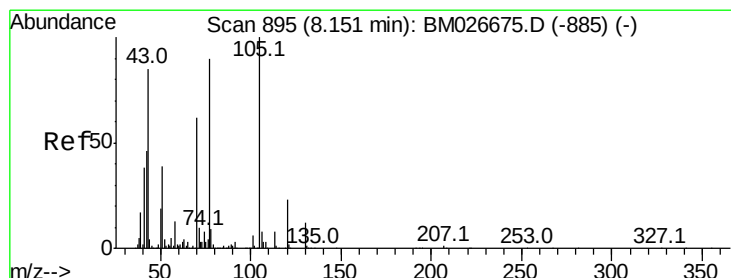
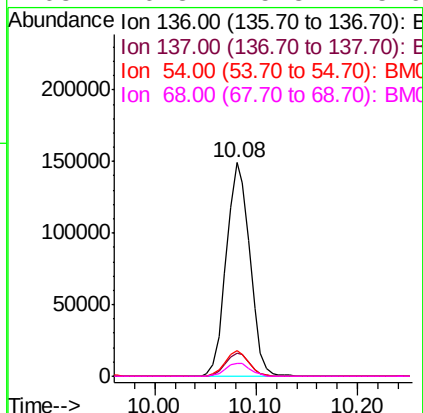
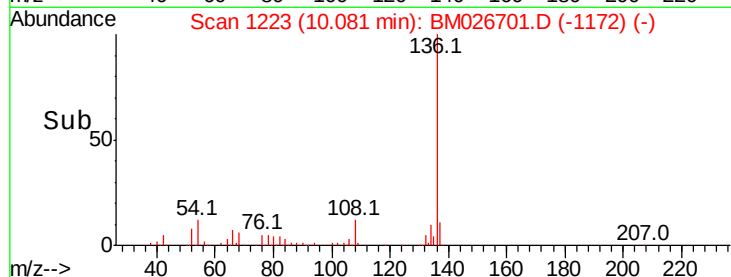
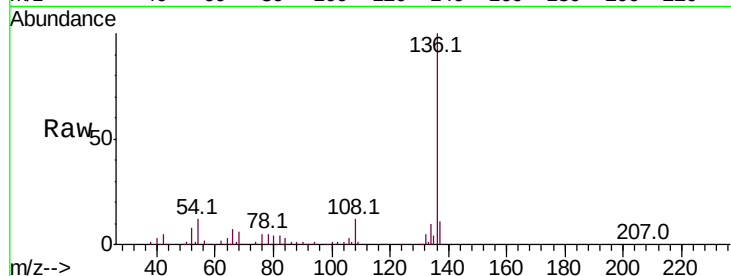




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.08 min Scan# 1223
Delta R.T. 0.00 min
Lab File: BM026701.D
Acq: 08 Jul 2020 11:18

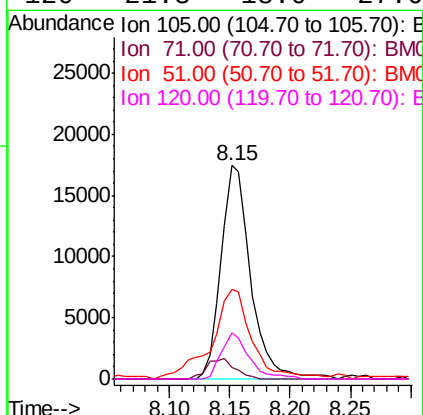
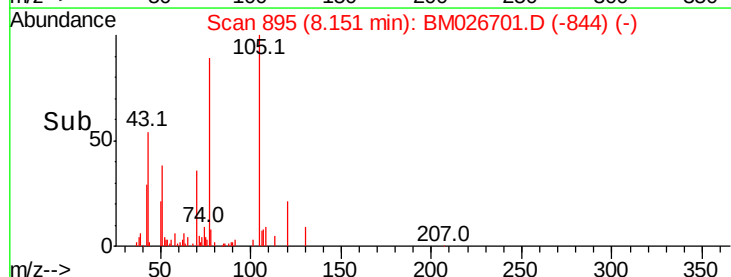
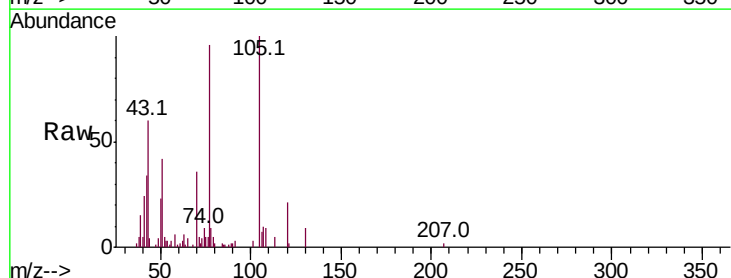
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT3-2020

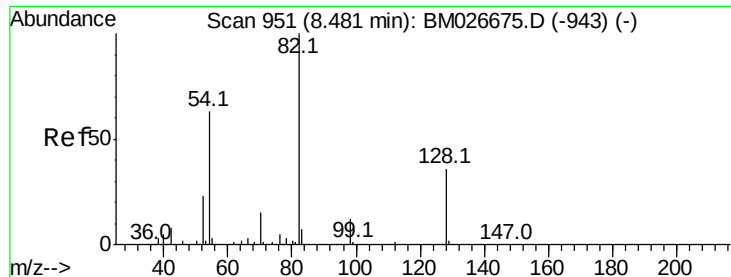
Tot Ion:	136	Resp:	240661
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	12.8
54	12.1	9.8	14.6
68	6.3	5.8	8.6



#22
Acetophenone
Concen: 4.345 ng
RT: 8.15 min Scan# 895
Delta R.T. 0.00 min
Lab File: BM026701.D
Acq: 08 Jul 2020 11:18

Tgt Ion:	105	Resp:	29712
Ion	Ratio	Lower	Upper
105	100		
71	5.2	8.1	12.1#
51	42.0	31.9	47.9
120	21.3	18.0	27.0

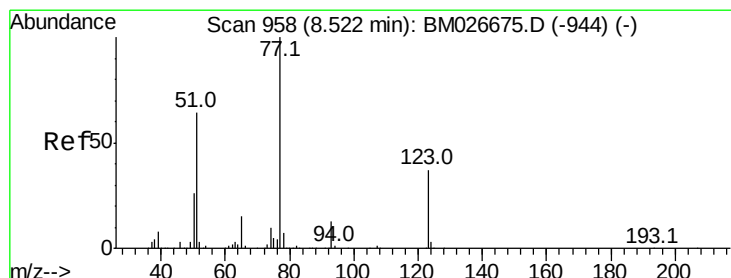
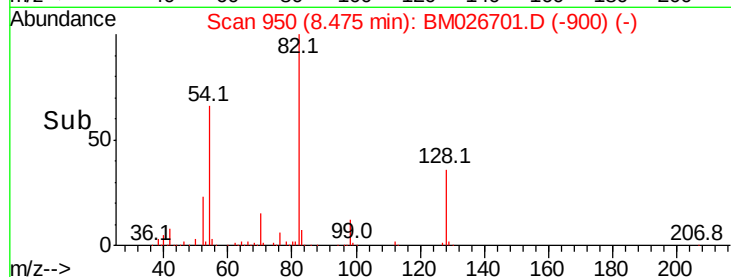
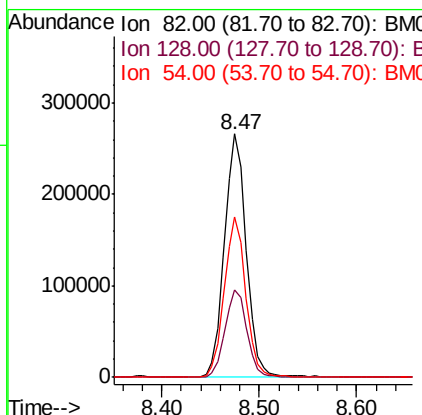
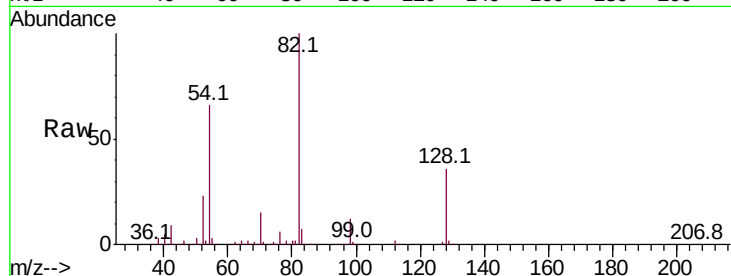




#23
 Nitrobenzene-d5
 Concen: 73.540 ng
 RT: 8.47 min Scan# 950
 Delta R.T. -0.01 min
 Lab File: BM026701.D
 Acq: 08 Jul 2020 11:18

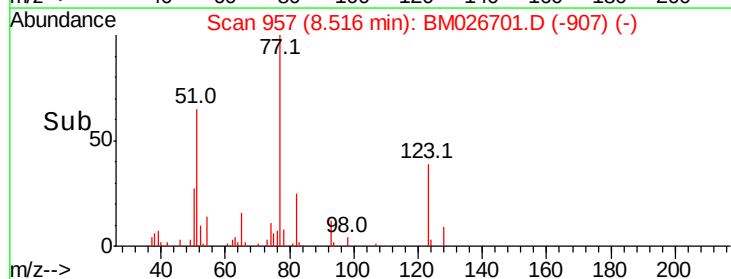
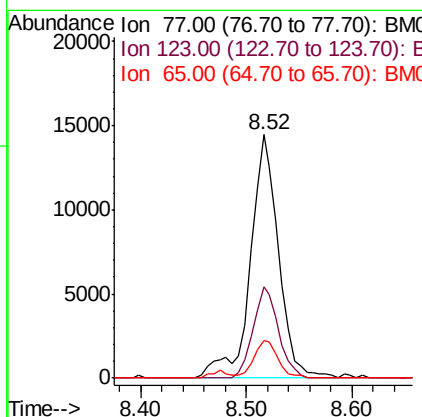
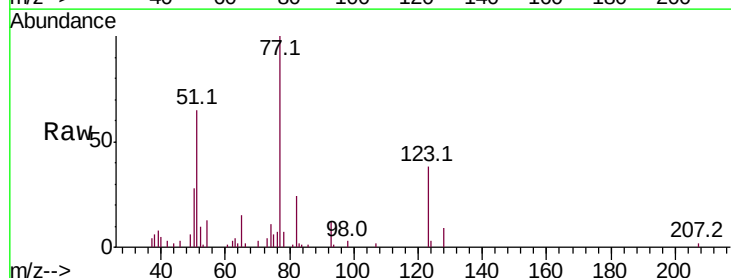
Instrument :
 BNA_M
 ClientSampleId :
 LOQ-SOIL-02-QT3-2020

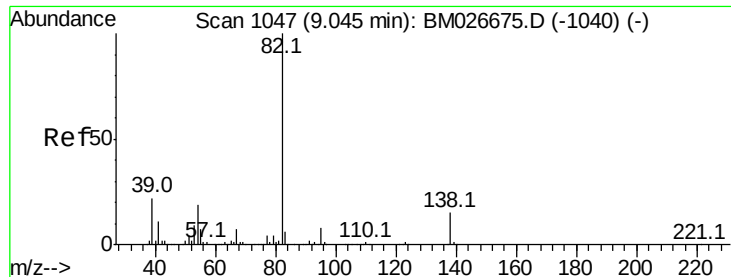
Tot Ion	Ratio	Lower	Upper
82	100		
128	35.7	29.1	43.7
54	65.8	50.2	75.4



#24
 Nitrobenzene
 Concen: 4.567 ng
 RT: 8.52 min Scan# 957
 Delta R.T. -0.01 min
 Lab File: BM026701.D
 Acq: 08 Jul 2020 11:18

Tgt Ion	Ratio	Lower	Upper
77	100		
123	37.6	29.8	44.6
65	15.4	12.2	18.4

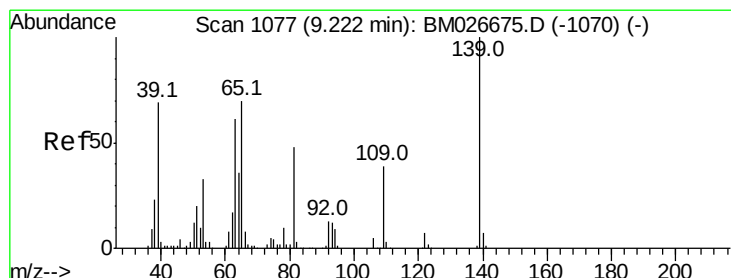
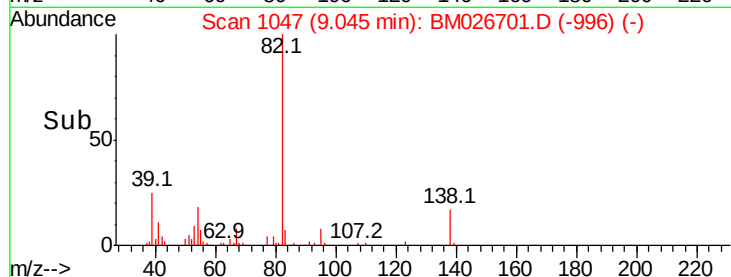
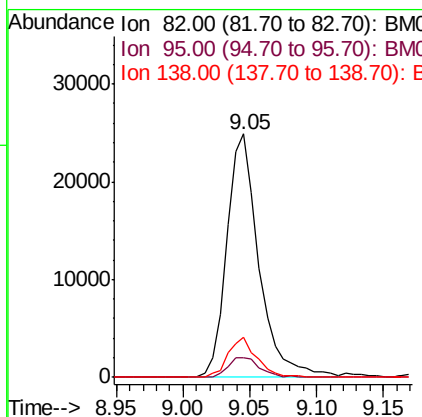
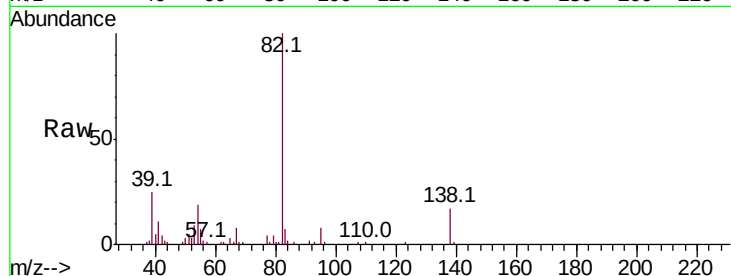




#25
Isophorone
Concen: 3.876 ng
RT: 9.05 min Scan# 1047
Delta R.T. 0.00 min
Lab File: BM026701.D
Acq: 08 Jul 2020 11:18

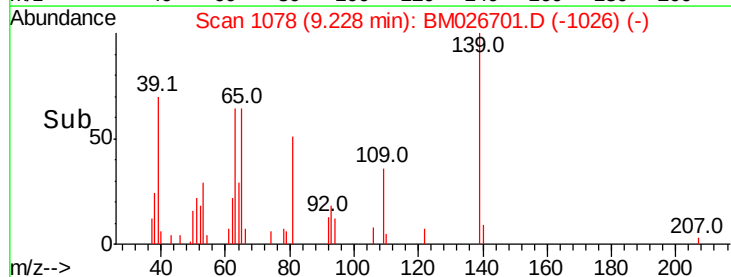
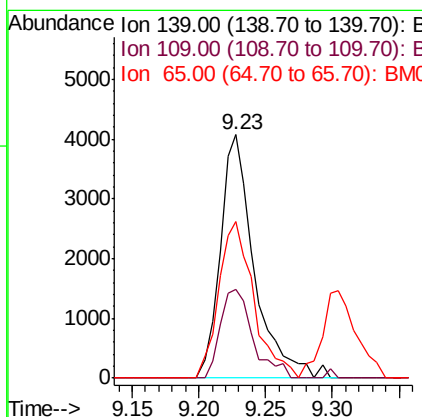
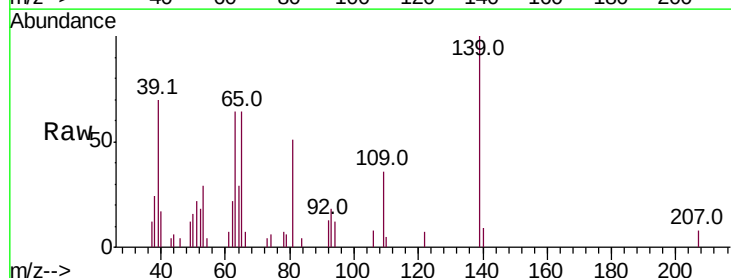
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT3-2020

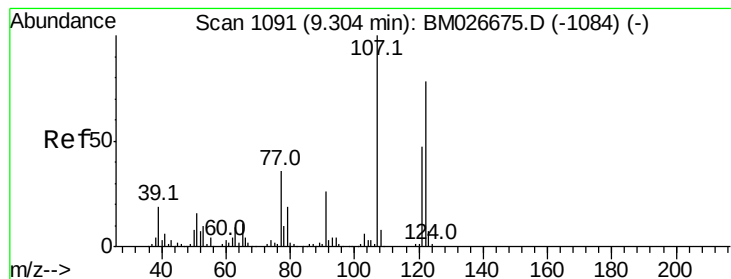
Tot Ion: 82 Resp: 41927
Ion Ratio Lower Upper
82 100
95 7.8 6.3 9.5
138 16.7 12.0 18.0



#26
2-Nitrophenol
Concen: 3.322 ng
RT: 9.23 min Scan# 1078
Delta R.T. 0.01 min
Lab File: BM026701.D
Acq: 08 Jul 2020 11:18

Tgt Ion: 139 Resp: 7275
Ion Ratio Lower Upper
139 100
109 36.4 30.8 46.2
65 64.2 56.2 84.4

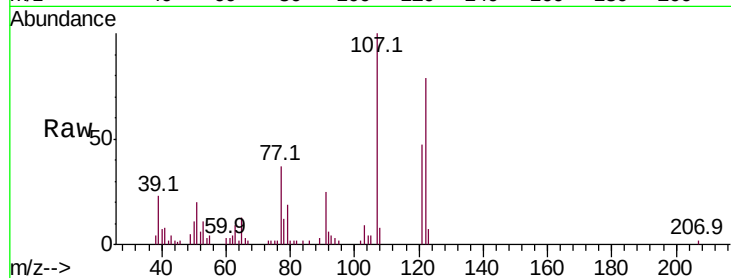




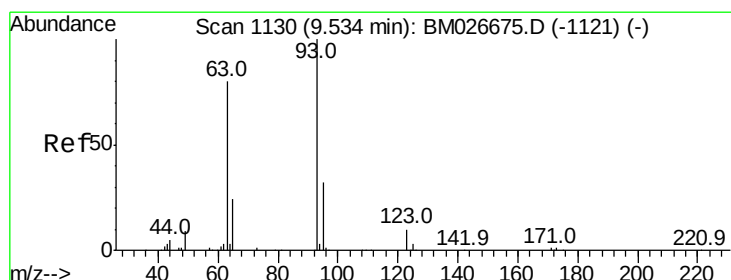
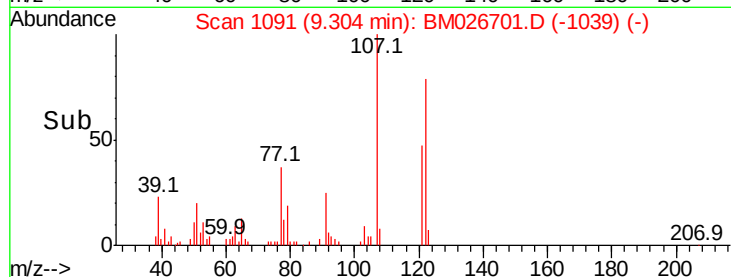
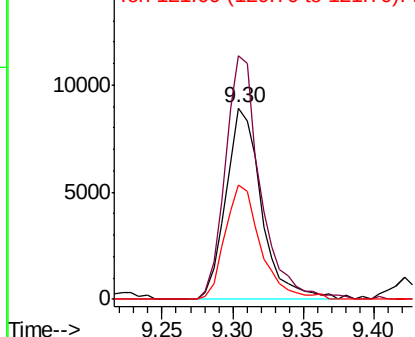
#27
 2,4-Dimethylphenol
 Concen: 4.400 ng
 RT: 9.30 min Scan# 1091
 Delta R.T. 0.01 min
 Lab File: BM026701.D
 Acq: 08 Jul 2020 11:18

Instrument :
 BNA_M
 ClientSampleId :
 LOQ-SOIL-02-QT3-2020

Tot Ion:122 Resp: 15672
 Ion Ratio Lower Upper
 122 100
 107 127.1 102.1 153.1
 121 59.8 48.2 72.2

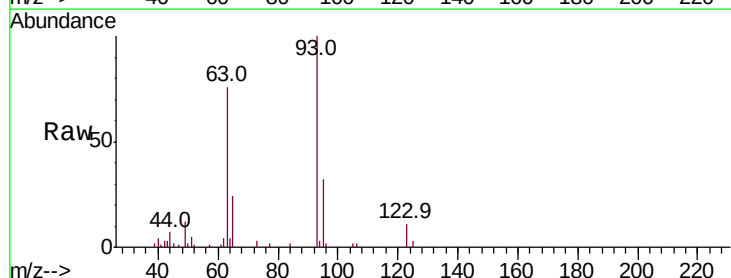


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

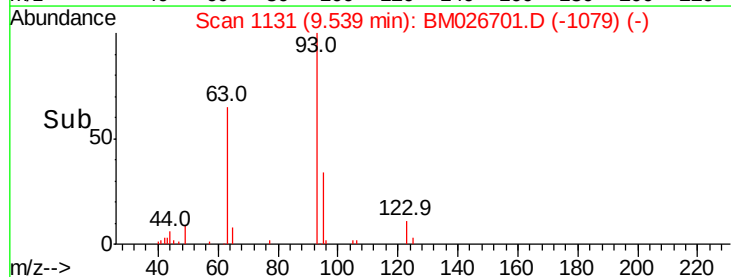
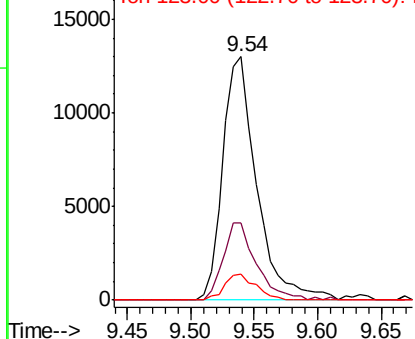


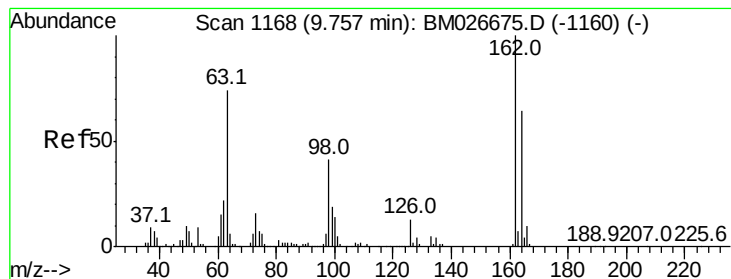
#28
 bis(2-Chloroethoxy)methane
 Concen: 4.042 ng
 RT: 9.54 min Scan# 1131
 Delta R.T. 0.01 min
 Lab File: BM026701.D
 Acq: 08 Jul 2020 11:18

Tgt Ion: 93 Resp: 24152
 Ion Ratio Lower Upper
 93 100
 95 31.9 25.7 38.5
 123 10.6 8.7 13.1



Abundance Ion 93.00 (92.70 to 93.70): BM0
 Ion 95.00 (94.70 to 95.70): BM0
 Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 3.431 ng

RT: 9.77 min Scan# 1171

Delta R.T. 0.02 min

Lab File: BM026701.D

Acq: 08 Jul 2020 11:18

Instrument :

BNA_M

ClientSampleId :

LOQ-SOIL-02-QT3-2020

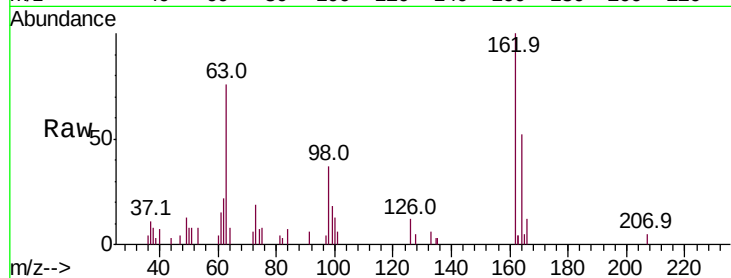
Tot Ion:162 Resp: 13456

Ion Ratio Lower Upper

162 100

164 51.9 44.3 84.3

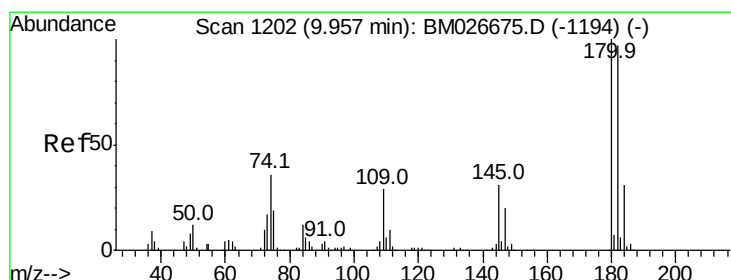
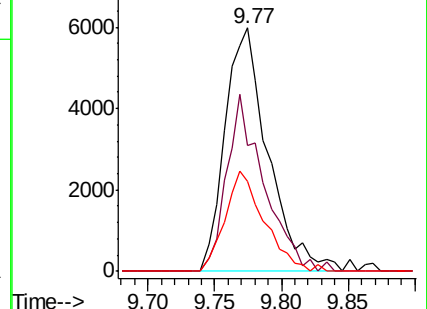
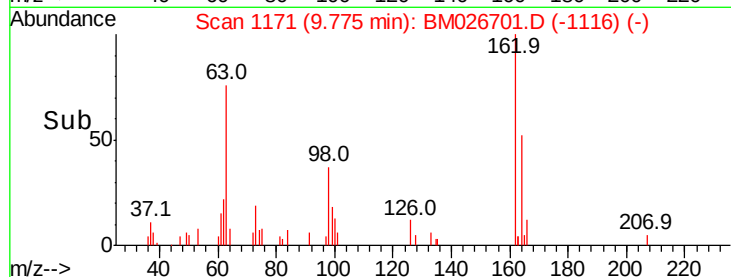
98 37.1 21.0 61.0



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BM



#30

1,2,4-Trichlorobenzene

Concen: 4.248 ng

RT: 9.96 min Scan# 1202

Delta R.T. 0.00 min

Lab File: BM026701.D

Acq: 08 Jul 2020 11:18

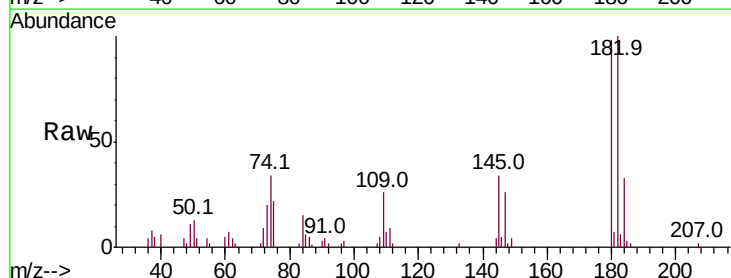
Tgt Ion:180 Resp: 18588

Ion Ratio Lower Upper

180 100

182 102.1 77.8 116.6

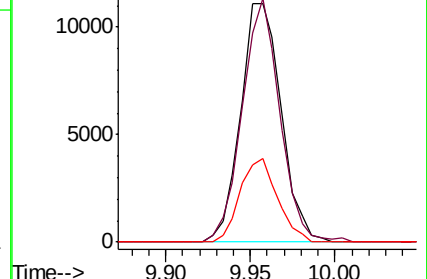
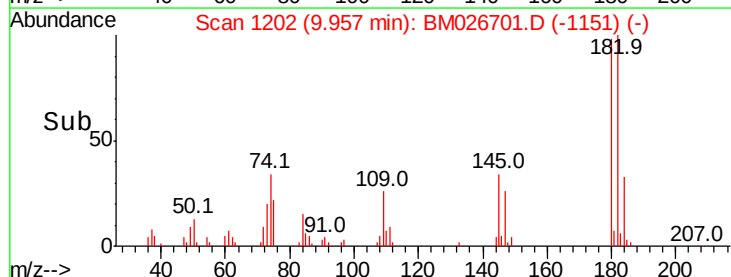
145 35.0 25.0 37.6

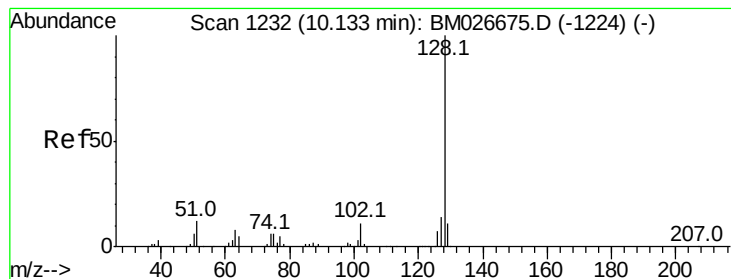


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

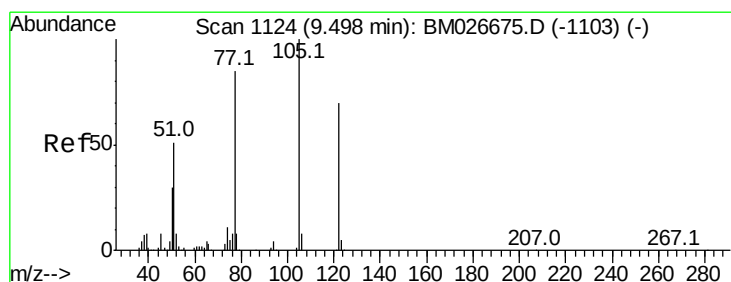
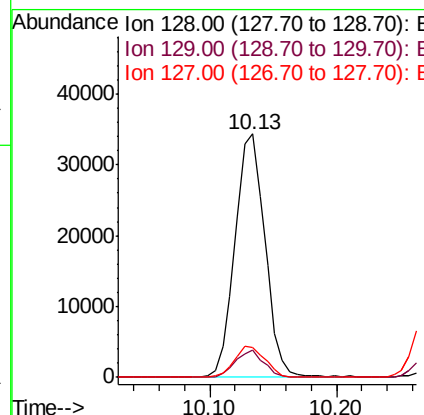
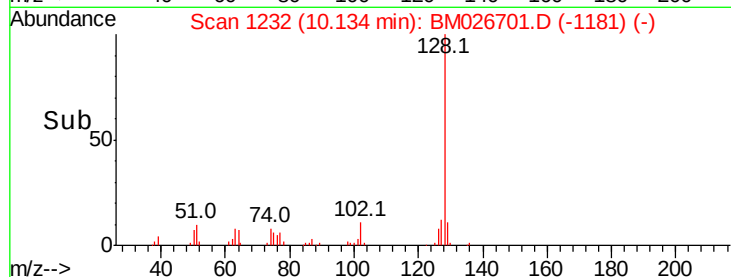
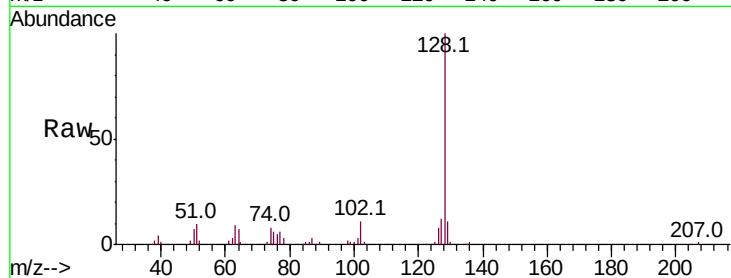




#31
Naphthalene
Concen: 4.197 ng
RT: 10.13 min Scan# 1232
Delta R.T. 0.00 min
Lab File: BM026701.D
Acq: 08 Jul 2020 11:18

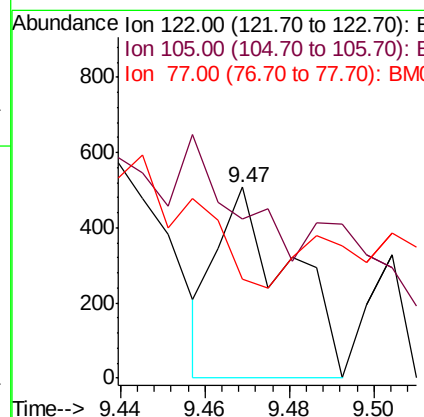
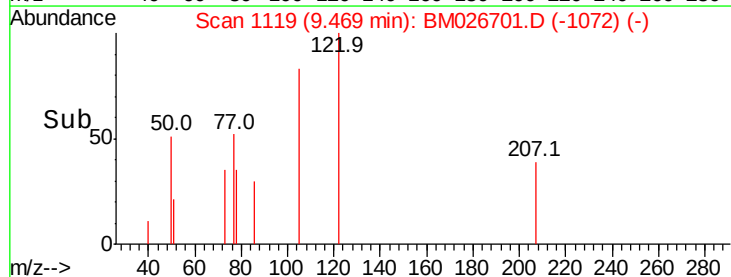
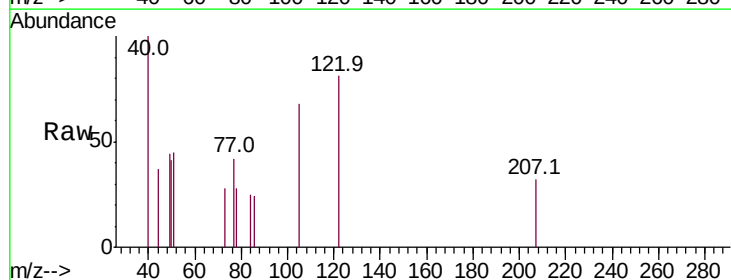
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT3-2020

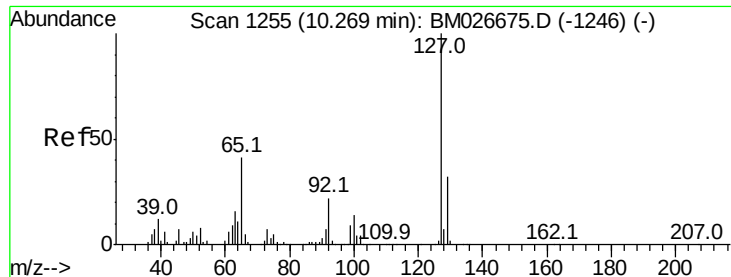
Tot Ion:128 Resp: 56174
Ion Ratio Lower Upper
128 100
129 11.4 8.8 13.2
127 12.4 10.8 16.2



#32
Benzoic acid
Concen: 0.223 ng
RT: 9.47 min Scan# 1119
Delta R.T. -0.02 min
Lab File: BM026701.D
Acq: 08 Jul 2020 11:18

Tgt Ion:122 Resp: 602
Ion Ratio Lower Upper
122 100
105 83.3 120.9 160.9#
77 52.0 100.0 140.0#

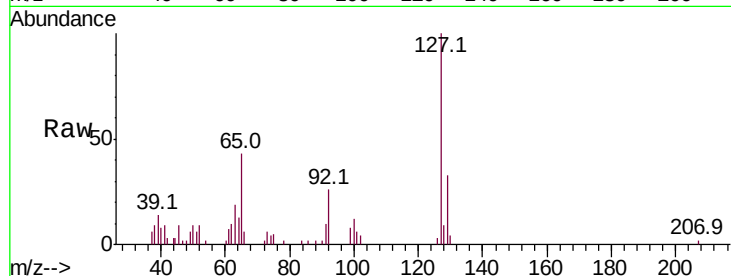




#33
4-Chloroaniline
Concen: 3.805 ng
RT: 10.27 min Scan# 1256
Delta R.T. 0.01 min
Lab File: BM026701.D
Acq: 08 Jul 2020 11:18

Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT3-2020

Tot Ion:127	Resp:	22280	
Ion Ratio	Lower	Upper	
127 100			
129 33.2	25.8	38.6	
65 43.4	32.5	48.7	
92 26.2	17.8	26.8	



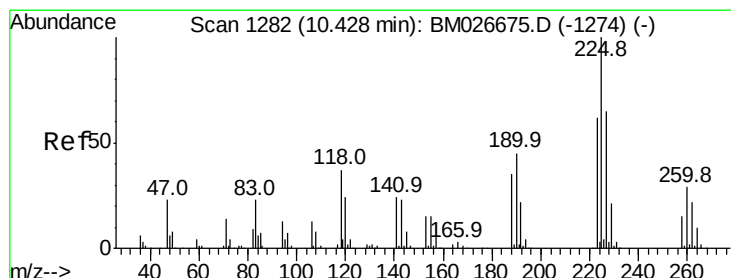
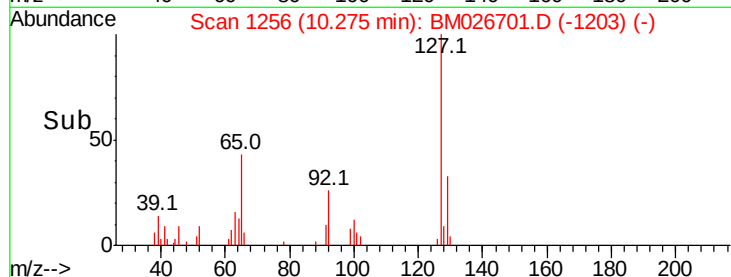
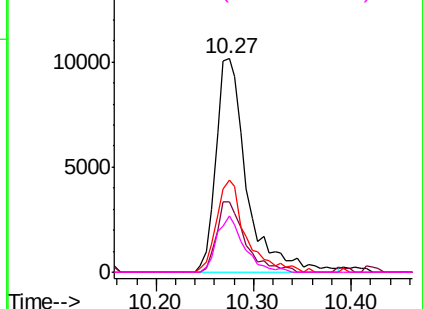
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

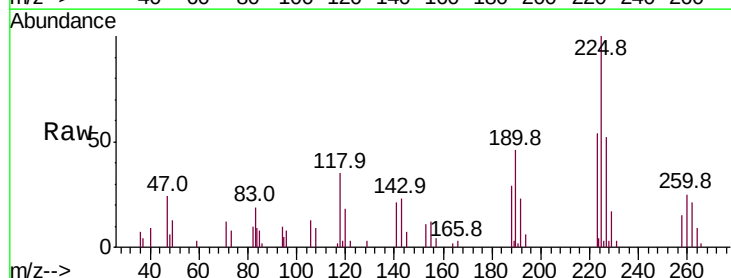
Ion 65.00 (64.70 to 65.70): BM0

Ion 92.00 (91.70 to 92.70): BM0



#34
Hexachlorobutadiene
Concen: 4.311 ng
RT: 10.42 min Scan# 1281
Delta R.T. 0.00 min
Lab File: BM026701.D
Acq: 08 Jul 2020 11:18

Tgt	Ion:225	Resp:	12493
Ion	Ratio	Lower	Upper
225	100		
223	53.9	49.8	74.8
227	55.1	52.3	78.5

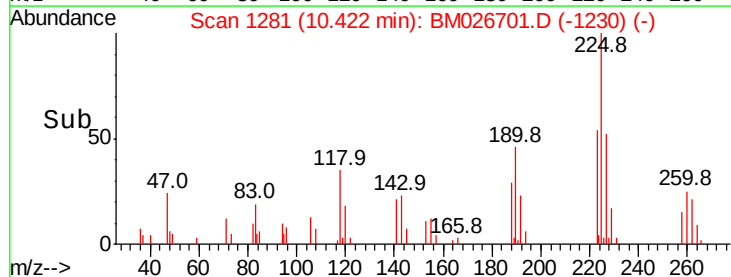
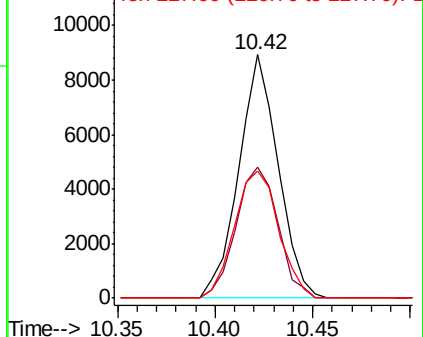


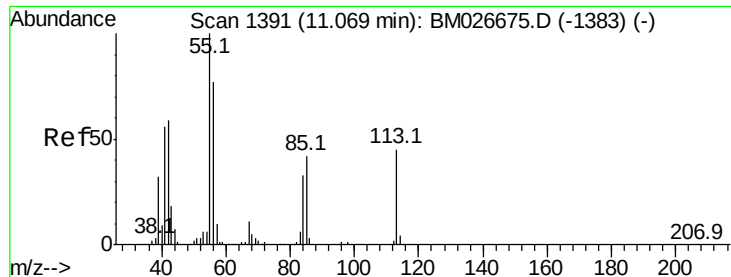
Abundance

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: 3.030 ng

RT: 11.05 min Scan# 1388

Delta R.T. -0.01 min

Lab File: BM026701.D

Acq: 08 Jul 2020 11:18

Instrument :

BNA_M

ClientSampleId :

LOQ-SOIL-02-QT3-2020

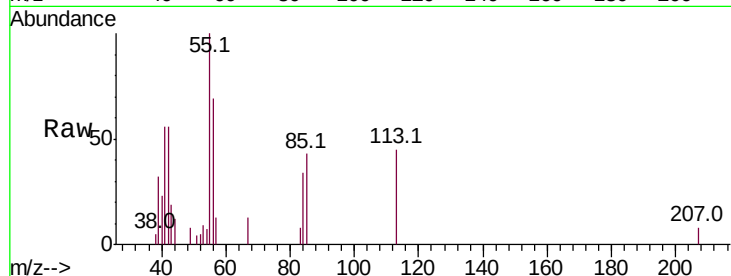
Tot Ion:113 Resp: 4210

Ion Ratio Lower Upper

113 100

55 220.8 203.5 243.5

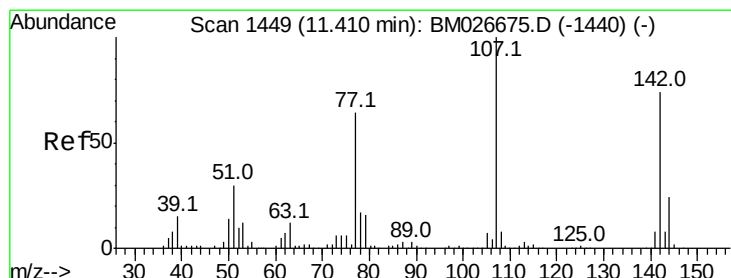
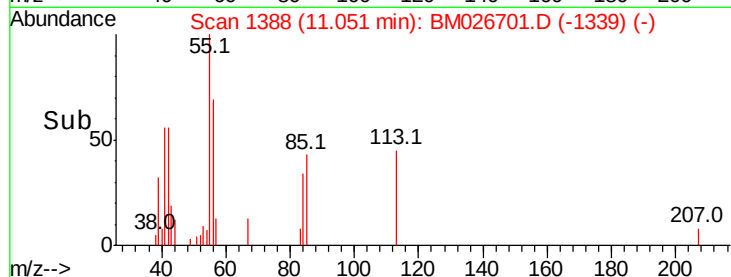
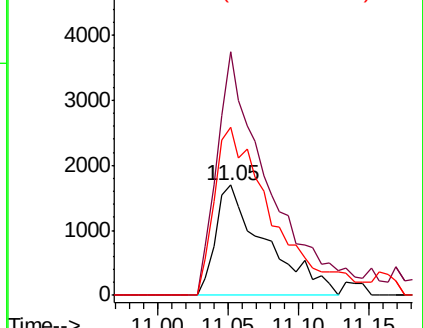
56 152.0 151.6 191.6



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM

Ion 56.00 (55.70 to 56.70): BM



#36

4-Chloro-3-methylphenol

Concen: 3.590 ng

RT: 11.41 min Scan# 1449

Delta R.T. 0.00 min

Lab File: BM026701.D

Acq: 08 Jul 2020 11:18

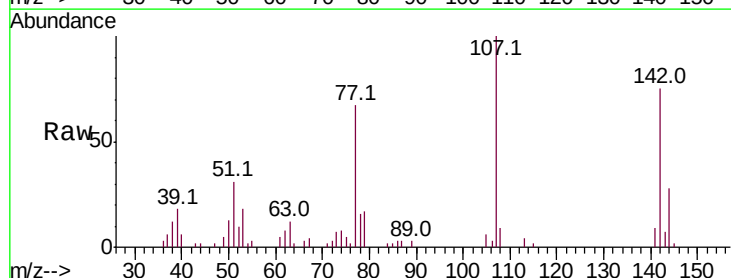
Tgt Ion:107 Resp: 17796

Ion Ratio Lower Upper

107 100

144 27.7 18.9 28.3

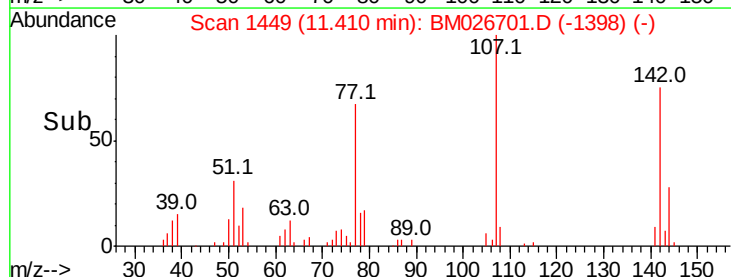
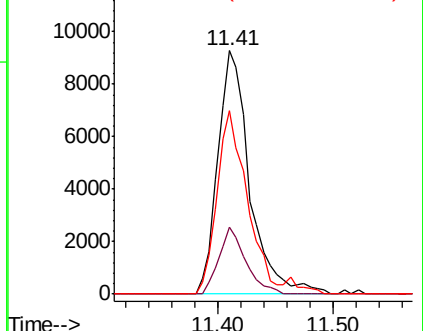
142 75.1 59.0 88.4

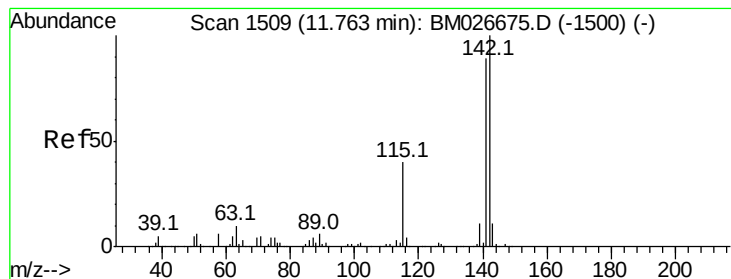


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 4.275 ng

RT: 11.76 min Scan# 1508

Delta R.T. 0.00 min

Lab File: BM026701.D

Acq: 08 Jul 2020 11:18

Instrument :

BNA_M

ClientSampleId :

LOQ-SOIL-02-QT3-2020

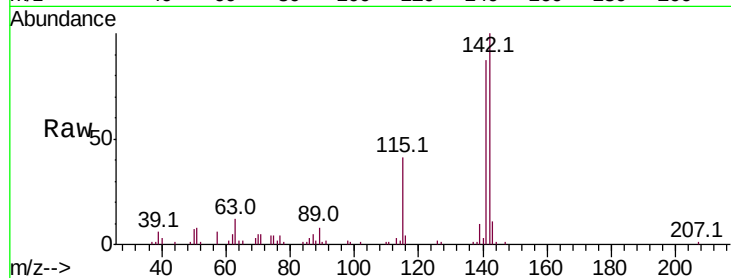
Tot Ion:142 Resp: 42388

Ion Ratio Lower Upper

142 100

141 87.1 71.4 107.0

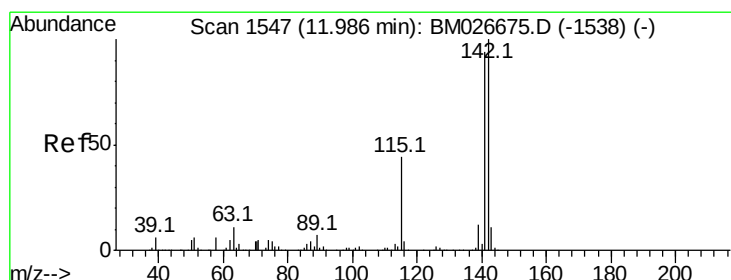
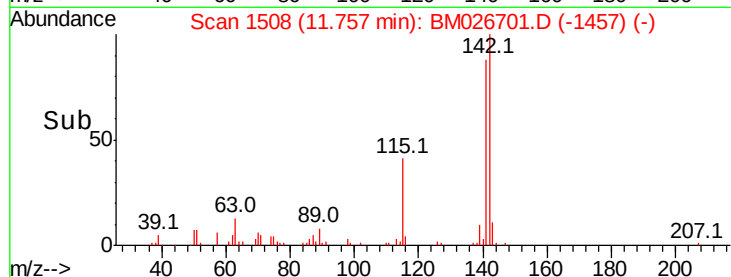
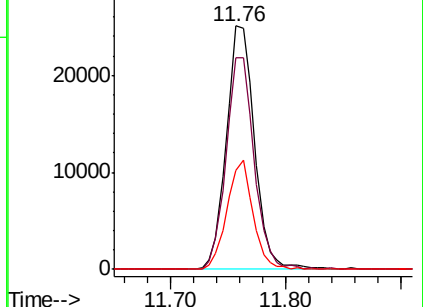
115 40.8 32.1 48.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 4.218 ng

RT: 11.99 min Scan# 1547

Delta R.T. 0.00 min

Lab File: BM026701.D

Acq: 08 Jul 2020 11:18

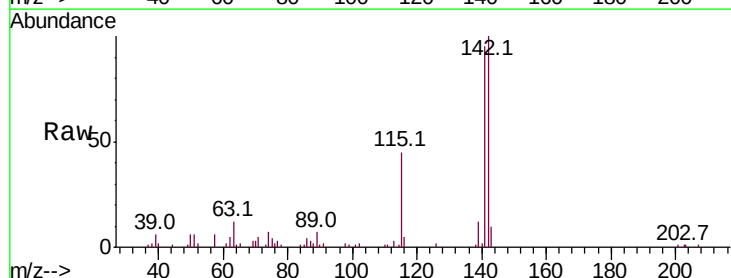
Tgt Ion:142 Resp: 40066

Ion Ratio Lower Upper

142 100

141 95.1 75.0 112.6

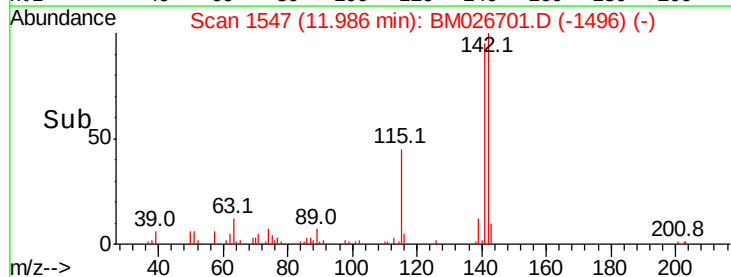
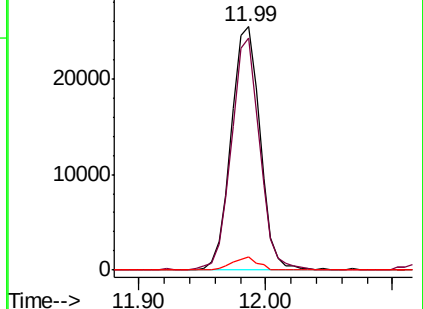
116 5.3 3.5 5.3

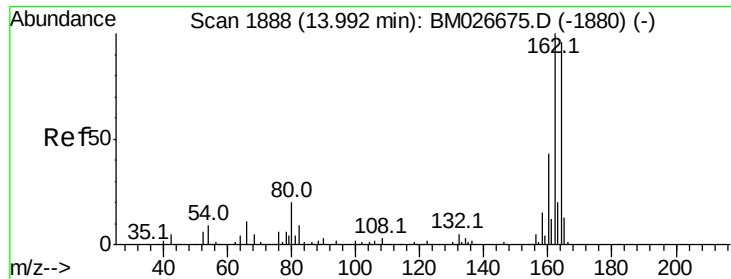


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 13.99 min Scan# 1887

Delta R.T. -0.01 min

Lab File: BM026701.D

Acq: 08 Jul 2020 11:18

Instrument :

BNA_M

ClientSampleId :

LOQ-SOIL-02-QT3-2020

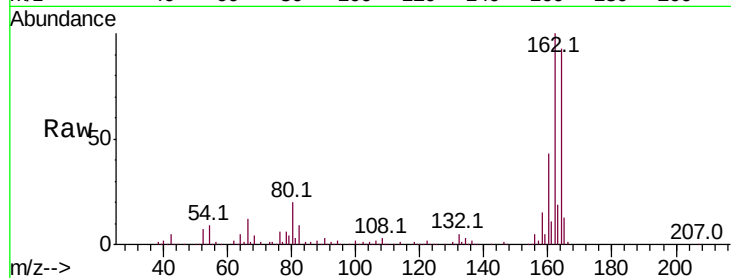
Tot Ion:164 Resp: 172201

Ion Ratio Lower Upper

164 100

162 107.1 83.7 125.5

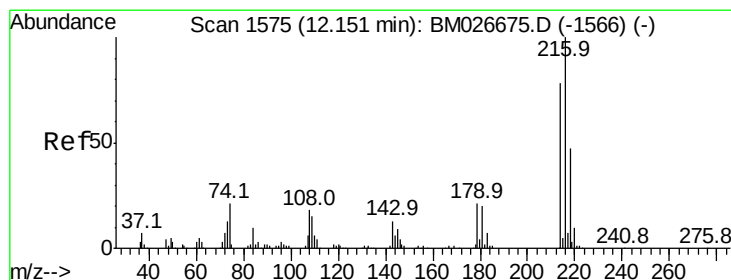
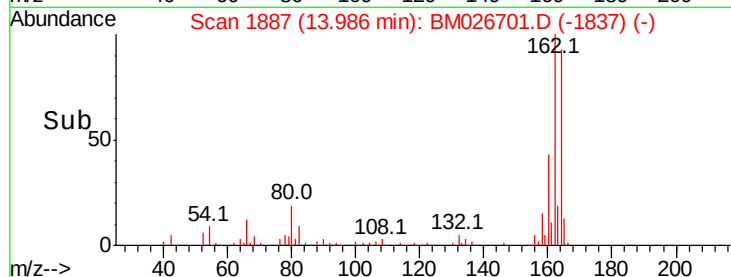
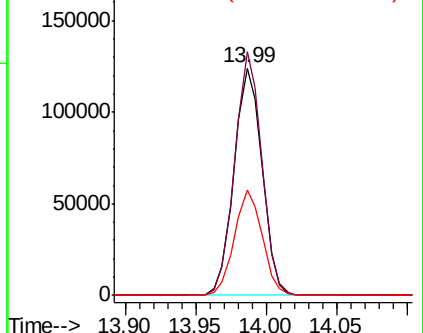
160 46.4 36.2 54.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 4.320 ng

RT: 12.15 min Scan# 1574

Delta R.T. 0.00 min

Lab File: BM026701.D

Acq: 08 Jul 2020 11:18

Tgt Ion:216 Resp: 24046

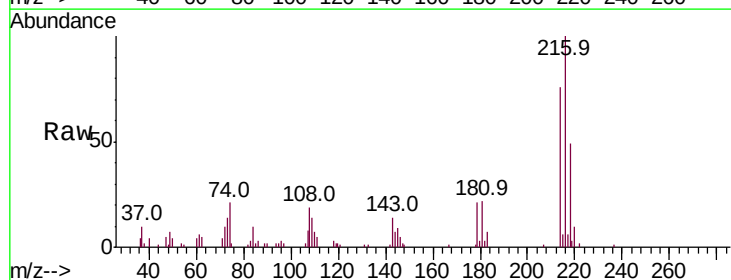
Ion Ratio Lower Upper

216 100

214 73.7 62.6 93.8

179 20.9 17.5 26.3

108 20.4 16.7 25.1

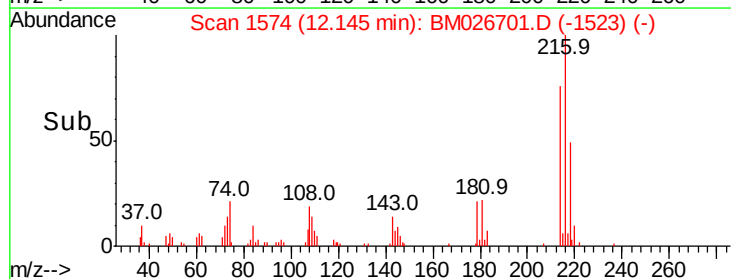
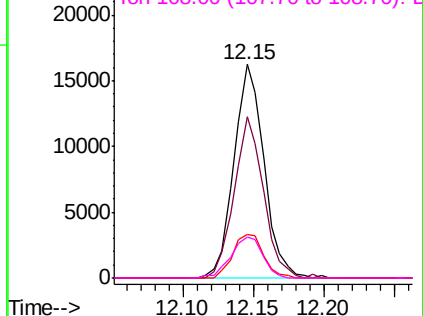


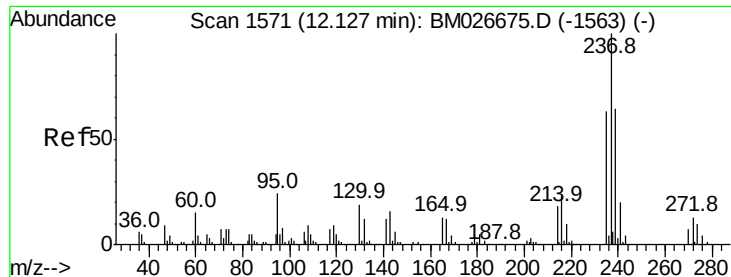
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 2.173 ng

RT: 12.12 min Scan# 1570

Delta R.T. 0.00 min

Lab File: BM026701.D

Acq: 08 Jul 2020 11:18

Instrument :

BNA_M

ClientSampleId :

LOQ-SOIL-02-QT3-2020

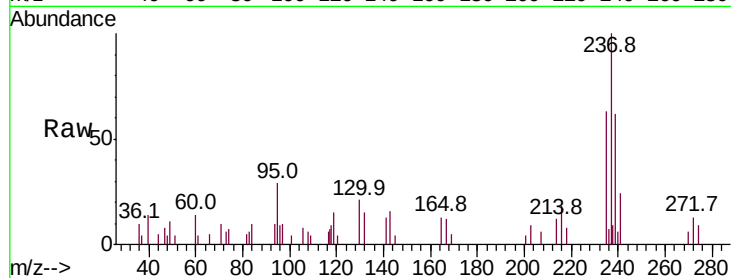
Tot Ion:237 Resp: 5772

Ion Ratio Lower Upper

237 100

235 62.5 42.8 82.8

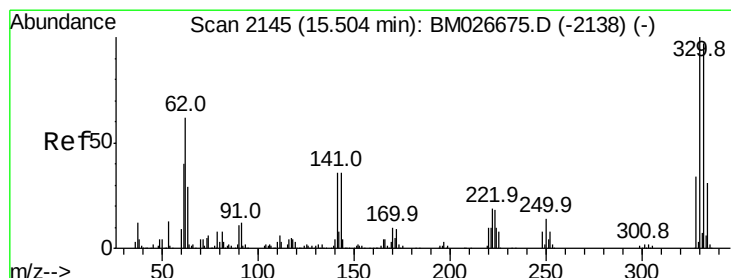
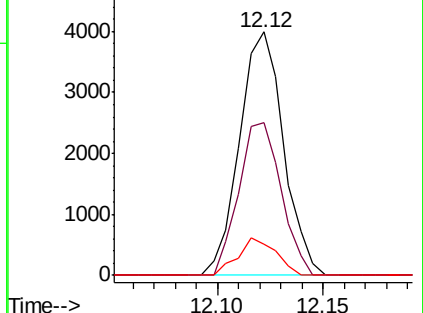
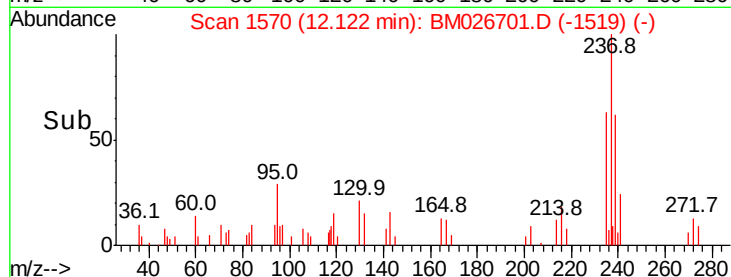
272 13.0 0.0 32.8



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 104.679 ng

RT: 15.50 min Scan# 2144

Delta R.T. 0.00 min

Lab File: BM026701.D

Acq: 08 Jul 2020 11:18

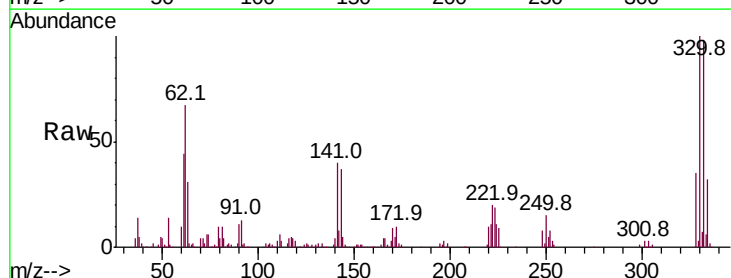
Tgt Ion:330 Resp: 262581

Ion Ratio Lower Upper

330 100

332 97.7 77.5 116.3

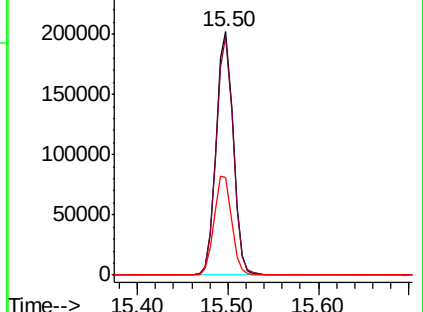
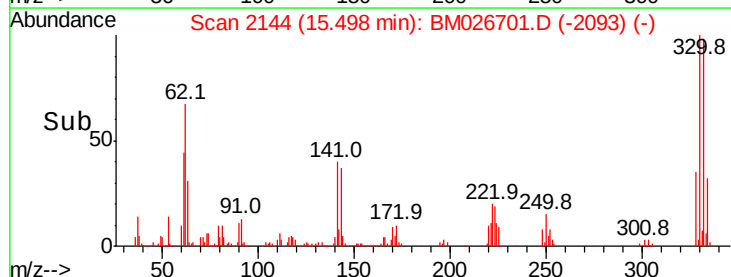
141 42.2 32.4 48.6

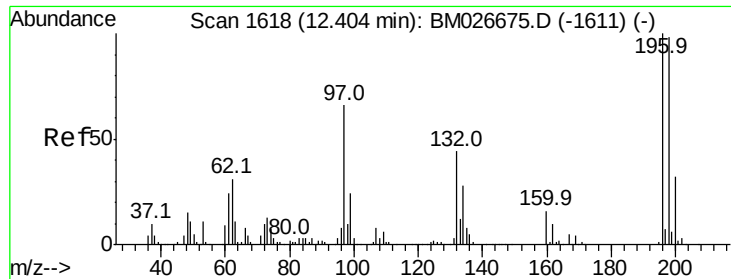


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

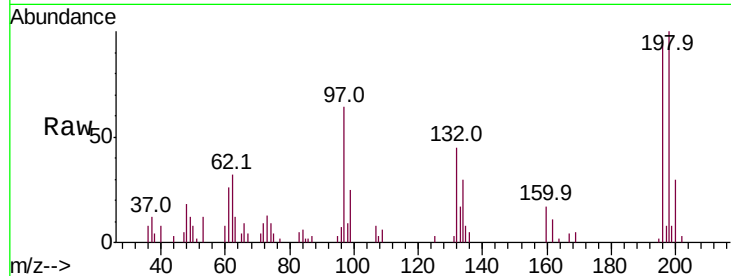




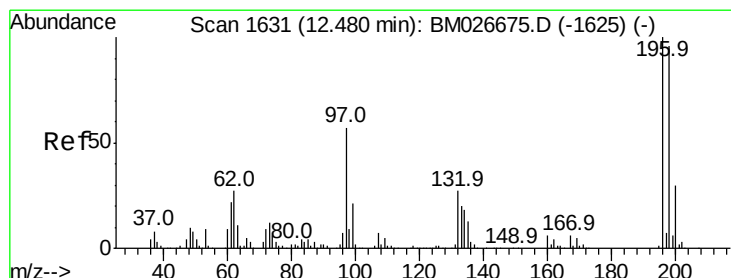
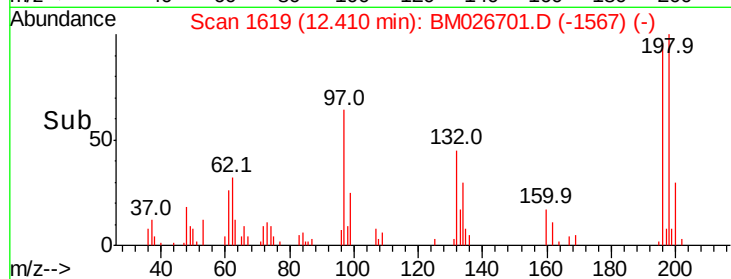
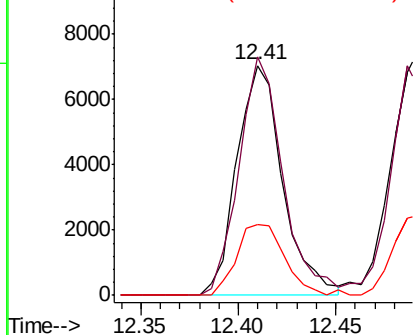
#43
 2,4,6-Trichlorophenol
 Concen: 3.144 ng
 RT: 12.41 min Scan# 1619
 Delta R.T. 0.01 min
 Lab File: BM026701.D
 Acq: 08 Jul 2020 11:18

Instrument :
 BNA_M
 ClientSampleId :
 LOQ-SOIL-02-QT3-2020

Tot Ion:196 Resp: 11464
 Ion Ratio Lower Upper
 196 100
 198 103.7 78.6 118.0
 200 30.9 25.3 37.9

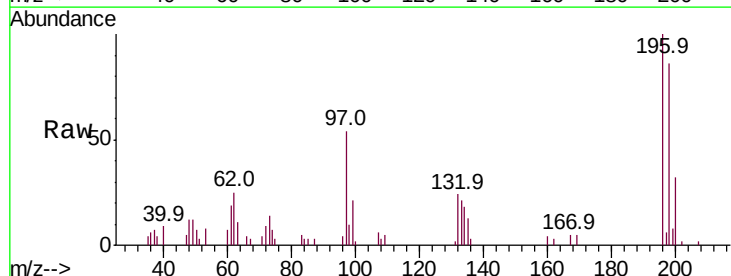


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

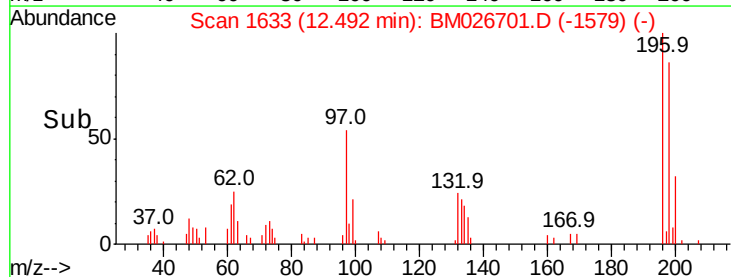
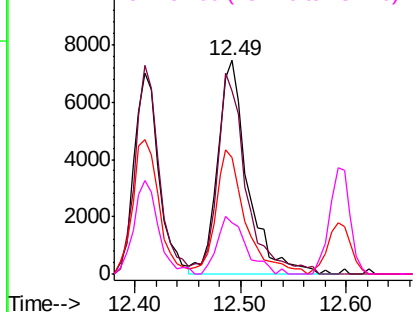


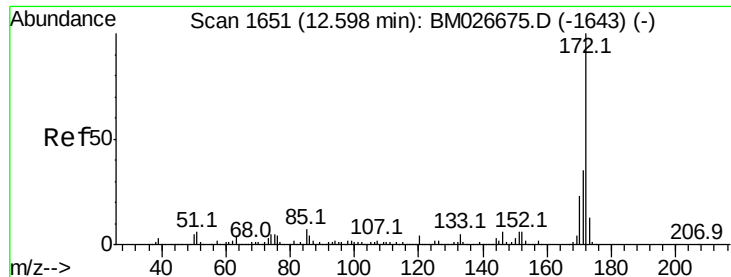
#44
 2,4,5-Trichlorophenol
 Concen: 3.476 ng
 RT: 12.49 min Scan# 1633
 Delta R.T. 0.02 min
 Lab File: BM026701.D
 Acq: 08 Jul 2020 11:18

Tgt Ion:196 Resp: 14894
 Ion Ratio Lower Upper
 196 100
 198 85.5 77.0 115.6
 97 54.3 45.7 68.5
 132 23.8 21.8 32.6



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

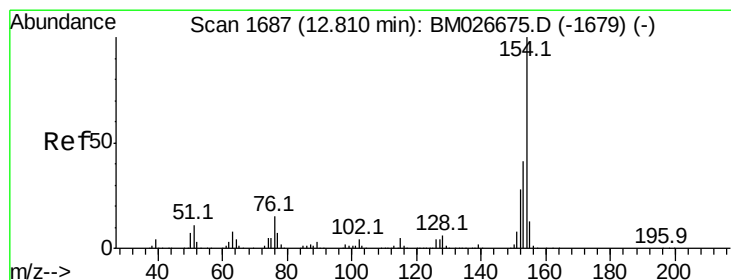
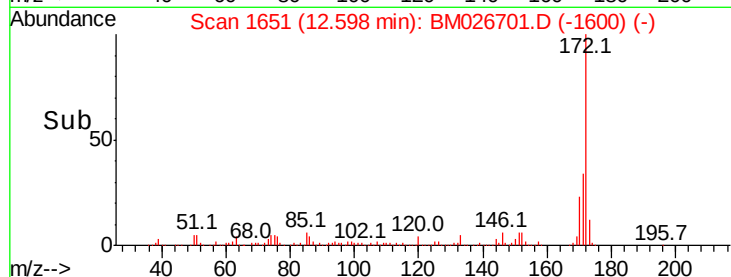
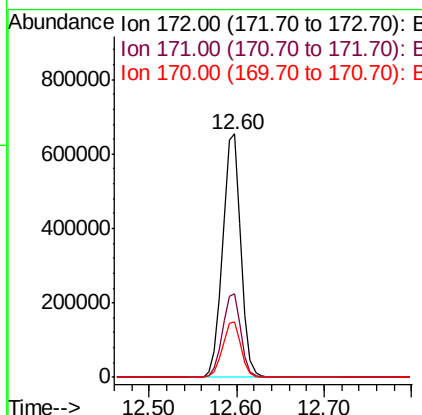
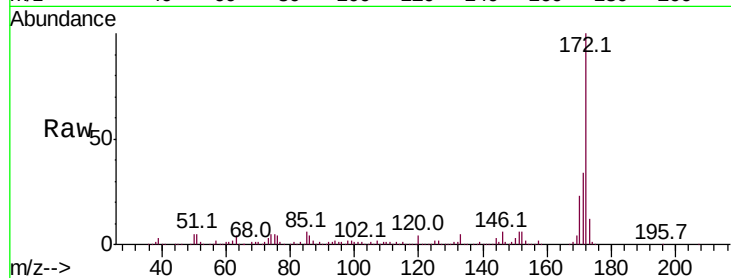




#45
2-Fluorobiphenyl
Concen: 72.613 ng
RT: 12.60 min Scan# 1651
Delta R.T. 0.00 min
Lab File: BM026701.D
Acq: 08 Jul 2020 11:18

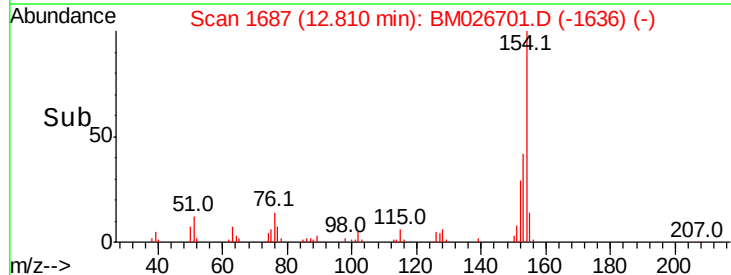
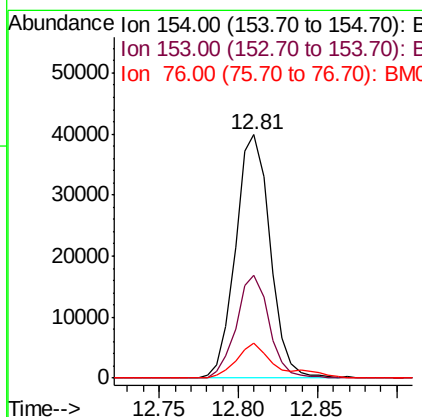
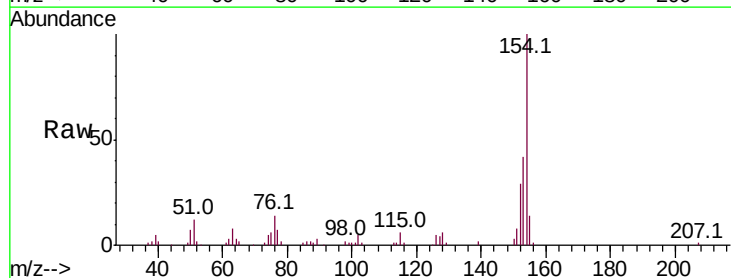
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT3-2020

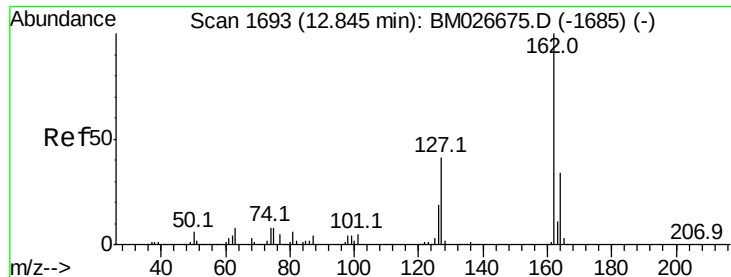
Tot Ion	Ratio	Lower	Upper
172	100		
171	34.3	27.8	41.6
170	22.6	18.5	27.7



#46
1,1'-Biphenyl
Concen: 4.443 ng
RT: 12.81 min Scan# 1687
Delta R.T. 0.00 min
Lab File: BM026701.D
Acq: 08 Jul 2020 11:18

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.1	20.9	60.9
76	14.3	0.0	35.2

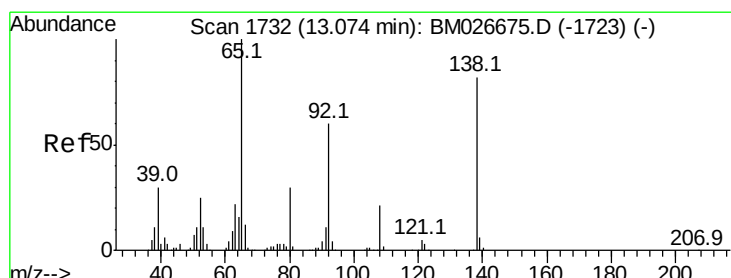
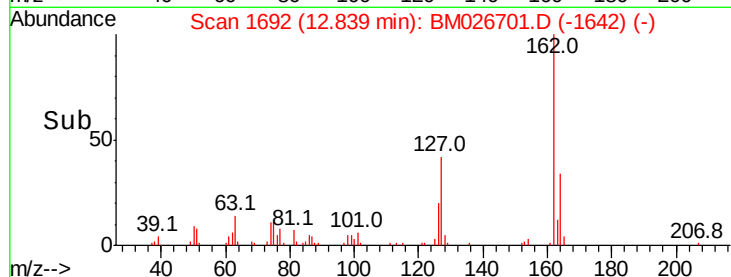
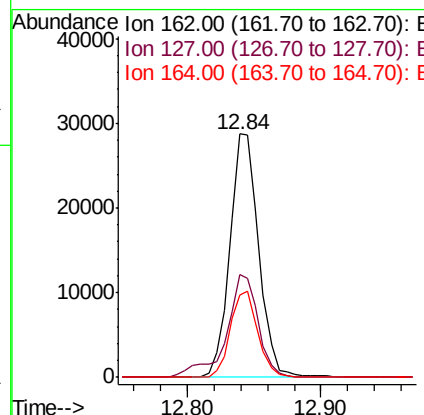
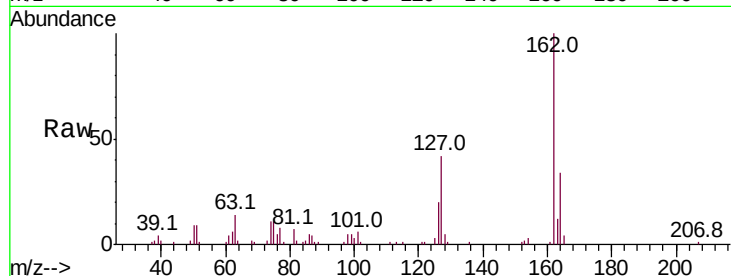




#47
 2-Chloronaphthalene
 Concen: 3.977 ng
 RT: 12.84 min Scan# 1692
 Delta R.T. -0.01 min
 Lab File: BM026701.D
 Acq: 08 Jul 2020 11:18

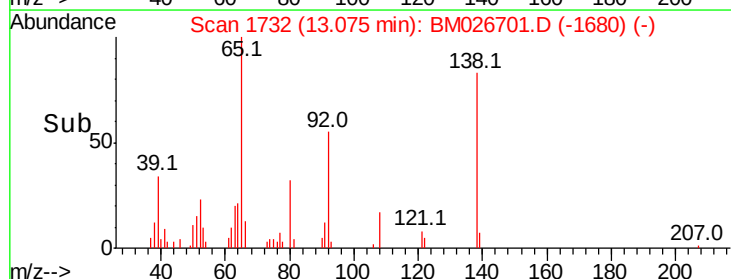
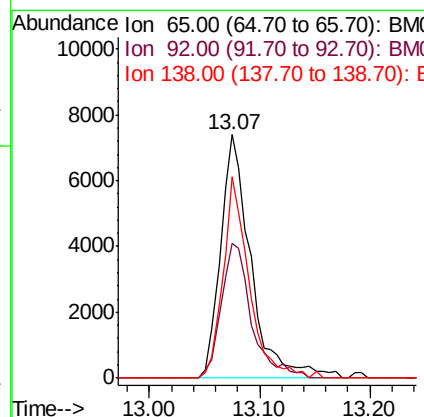
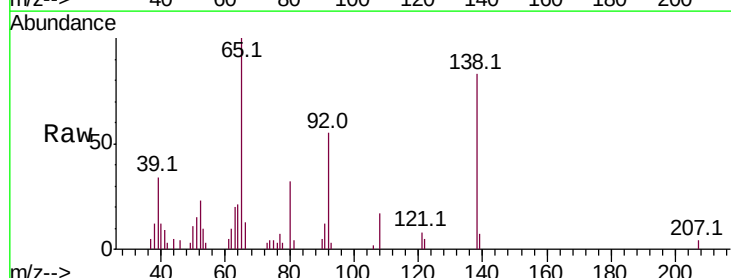
Instrument :
 BNA_M
 ClientSampleId :
 LOQ-SOIL-02-QT3-2020

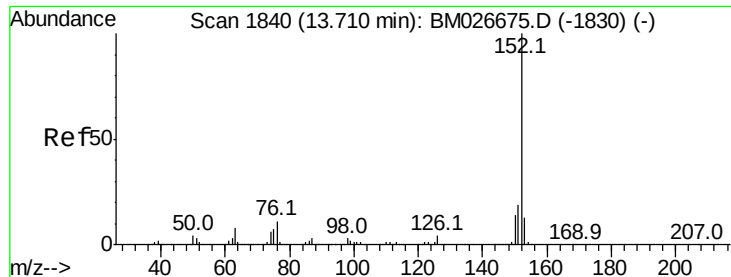
Tot Ion	Ratio	Lower	Upper
162	100		
127	42.1	34.0	51.0
164	33.7	26.9	40.3



#48
 2-Nitroaniline
 Concen: 3.107 ng
 RT: 13.07 min Scan# 1732
 Delta R.T. 0.01 min
 Lab File: BM026701.D
 Acq: 08 Jul 2020 11:18

Tgt Ion	Ratio	Lower	Upper
65	100		
92	55.3	47.8	71.8
138	82.9	65.6	98.4





#49

Acenaphthylene

Concen: 3.920 ng

RT: 13.70 min Scan# 1839

Delta R.T. 0.00 min

Lab File: BM026701.D

Acq: 08 Jul 2020 11:18

Instrument :

BNA_M

ClientSampleId :

LOQ-SOIL-02-QT3-2020

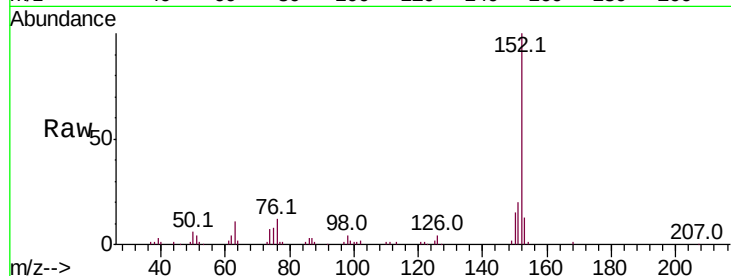
Tot Ion:152 Resp: 68867

Ion Ratio Lower Upper

152 100

151 20.1 15.6 23.4

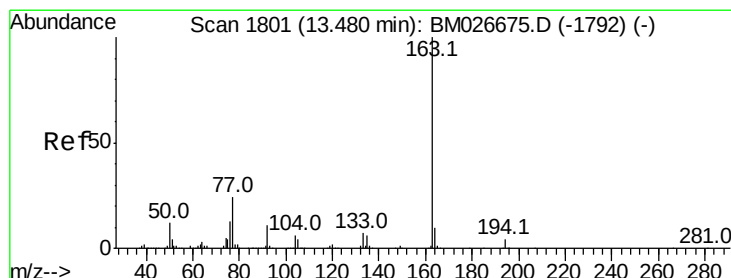
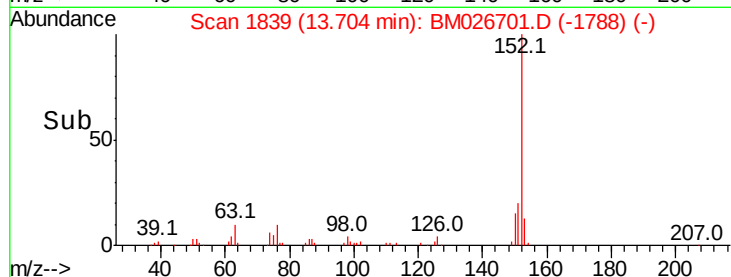
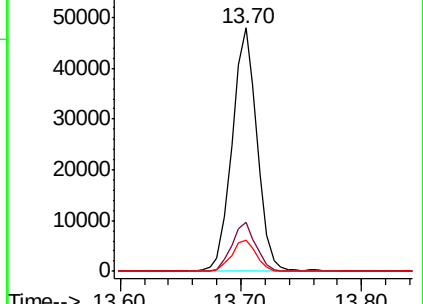
153 12.8 10.4 15.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 4.073 ng

RT: 13.46 min Scan# 1798

Delta R.T. -0.01 min

Lab File: BM026701.D

Acq: 08 Jul 2020 11:18

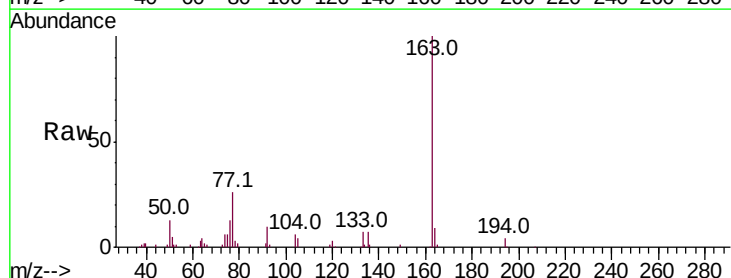
Tgt Ion:163 Resp: 59992

Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.2

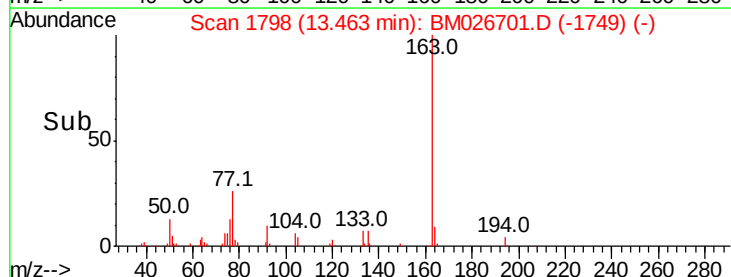
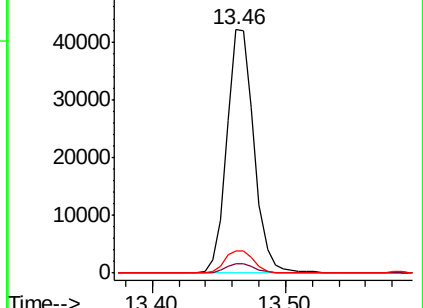
164 9.4 7.8 11.6

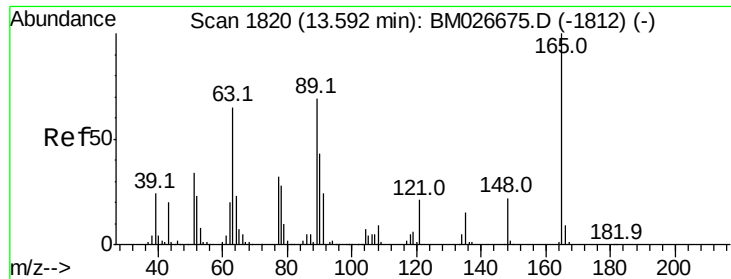


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

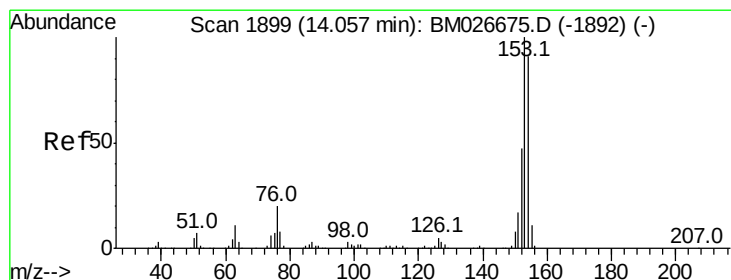
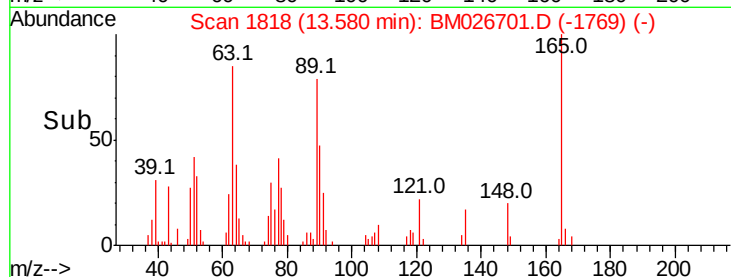
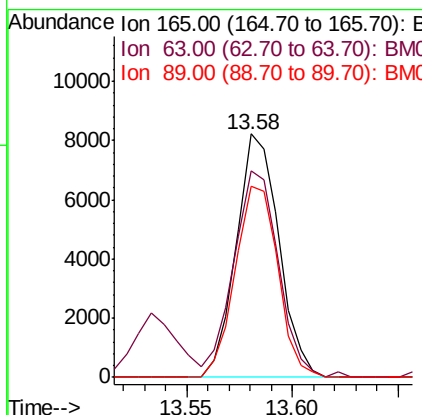
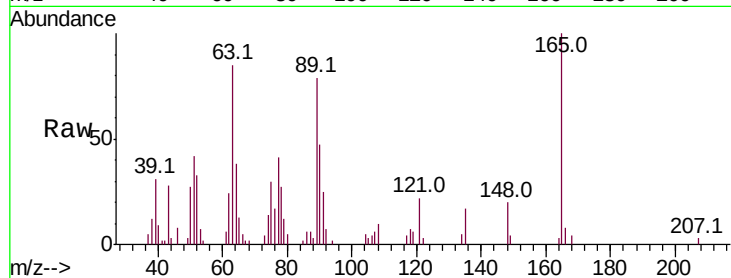




#51
2,6-Dinitrotoluene
Concen: 3.642 ng
RT: 13.58 min Scan# 1818
Delta R.T. -0.01 min
Lab File: BM026701.D
Acq: 08 Jul 2020 11:18

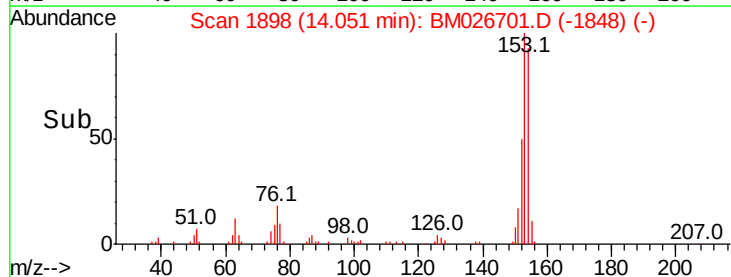
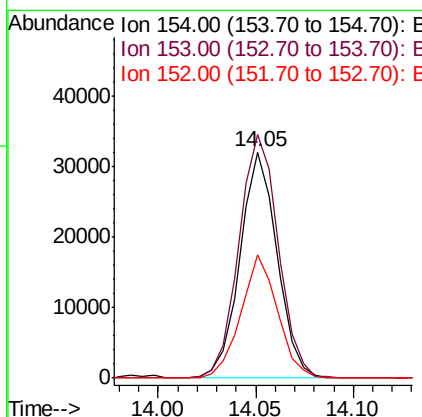
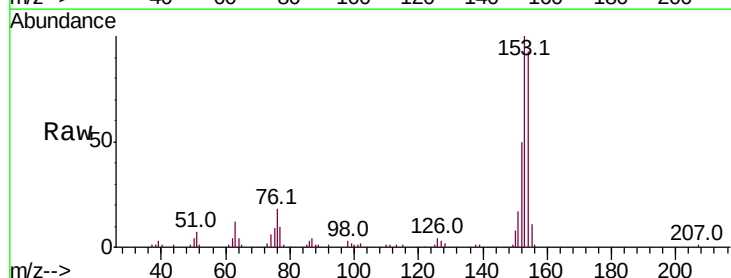
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT3-2020

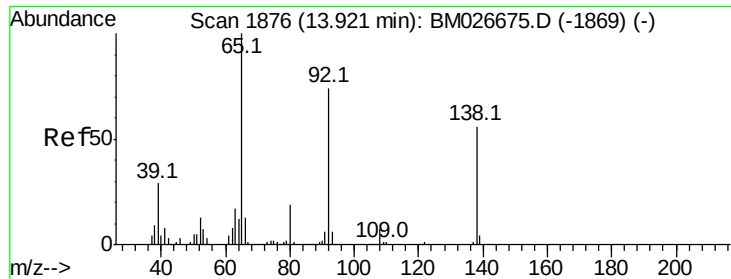
Tot Ion:165 Resp: 11486
Ion Ratio Lower Upper
165 100
63 84.6 61.1 91.7
89 78.5 54.9 82.3



#52
Acenaphthene
Concen: 3.959 ng
RT: 14.05 min Scan# 1898
Delta R.T. -0.01 min
Lab File: BM026701.D
Acq: 08 Jul 2020 11:18

Tgt Ion:154 Resp: 42263
Ion Ratio Lower Upper
154 100
153 107.8 88.3 132.5
152 54.3 41.1 61.7

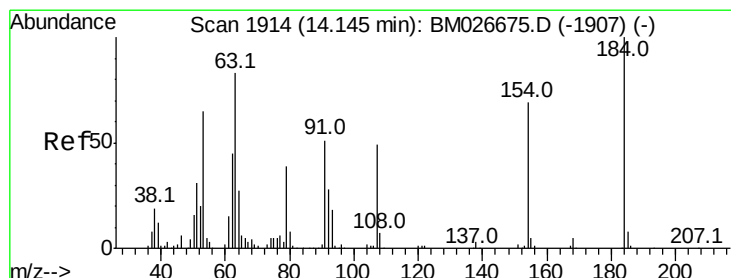
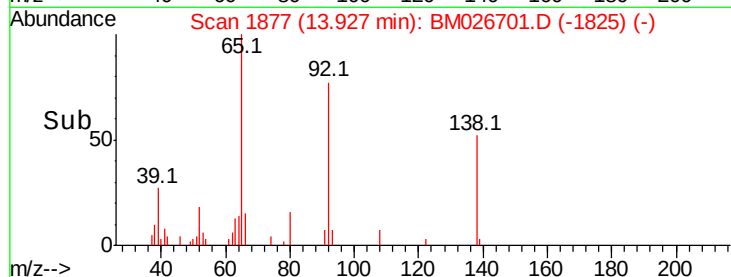
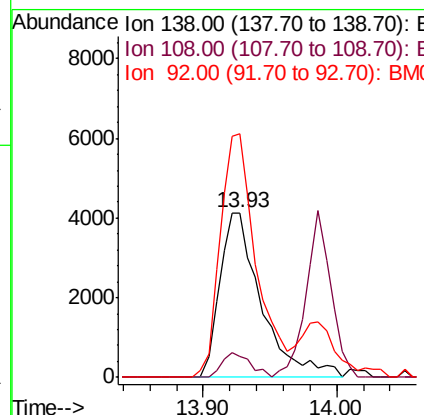
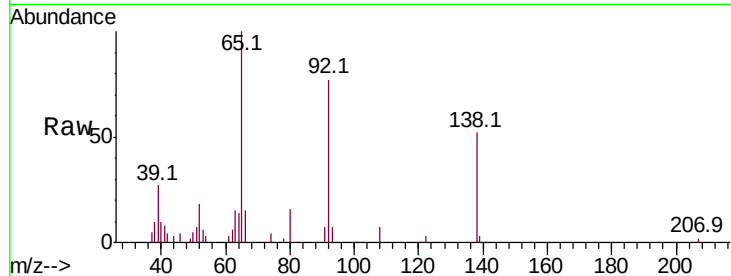




#53
 3-Nitroaniline
 Concen: 2.738 ng
 RT: 13.93 min Scan# 1877
 Delta R.T. 0.01 min
 Lab File: BM026701.D
 Acq: 08 Jul 2020 11:18

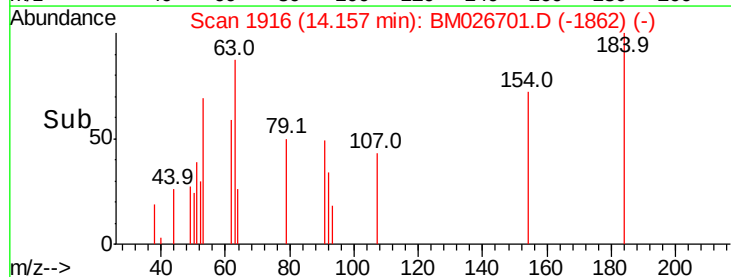
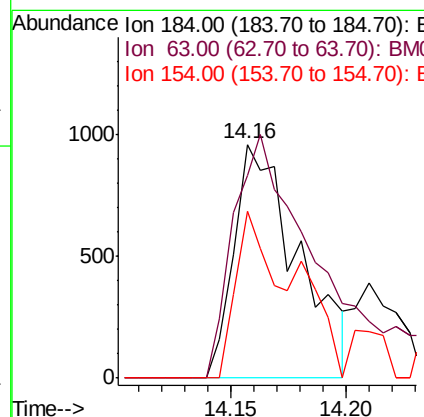
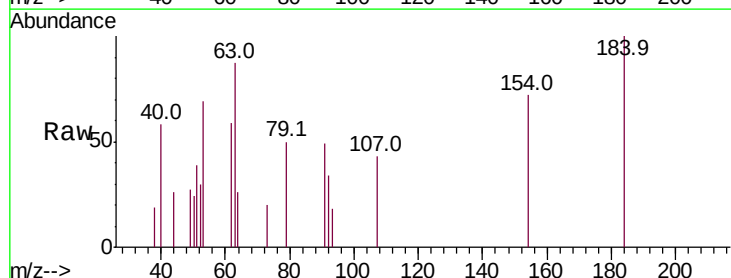
Instrument :
 BNA_M
 ClientSampleId :
 LOQ-SOIL-02-QT3-2020

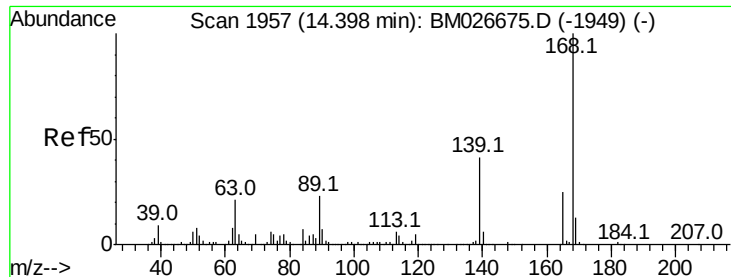
Tot Ion:138 Resp: 8985
 Ion Ratio Lower Upper
 138 100
 108 12.7 9.7 14.5
 92 147.8 105.6 158.4



#54
 2,4-Dinitrophenol
 Concen: 1.003 ng
 RT: 14.16 min Scan# 1916
 Delta R.T. 0.02 min
 Lab File: BM026701.D
 Acq: 08 Jul 2020 11:18

Tgt Ion:184 Resp: 1851
 Ion Ratio Lower Upper
 184 100
 63 86.7 66.2 99.4
 154 71.7 55.2 82.8





#55

Dibenzofuran

Concen: 4.056 ng

RT: 14.39 min Scan# 1956

Delta R.T. -0.01 min

Lab File: BM026701.D

Acq: 08 Jul 2020 11:18

Instrument :

BNA_M

ClientSampleId :

LOQ-SOIL-02-QT3-2020

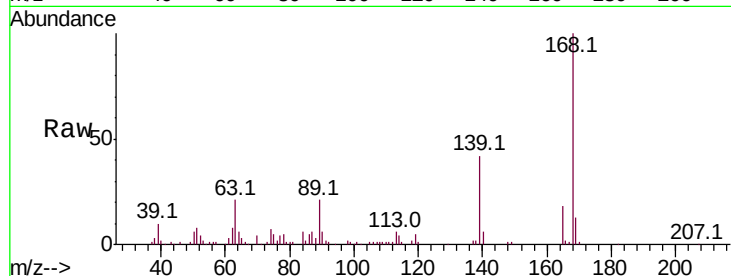
Tot Ion:168 Resp: 70990

Ion Ratio Lower Upper

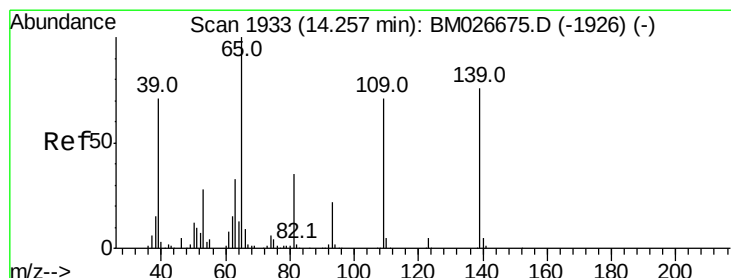
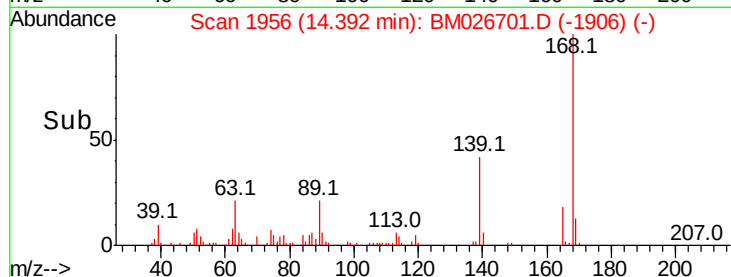
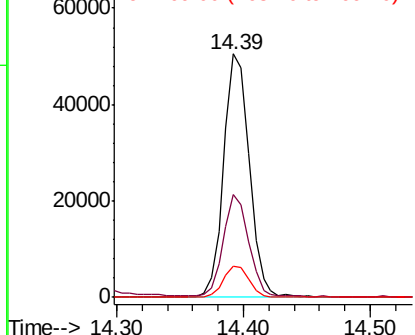
168 100

139 42.1 32.6 48.8

169 12.8 10.5 15.7



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 1.774 ng

RT: 14.28 min Scan# 1937

Delta R.T. 0.02 min

Lab File: BM026701.D

Acq: 08 Jul 2020 11:18

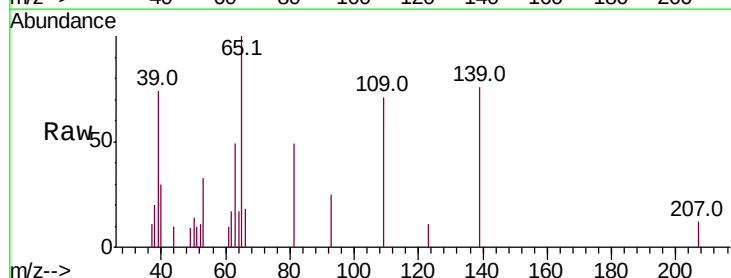
Tgt Ion:139 Resp: 4567

Ion Ratio Lower Upper

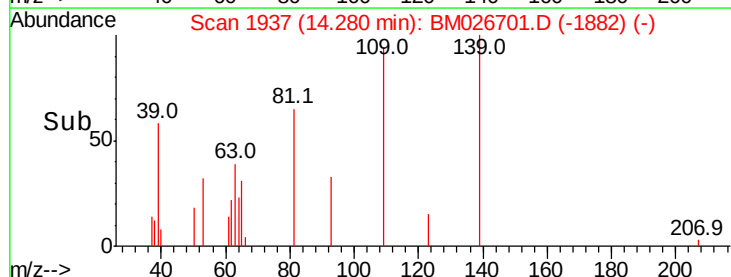
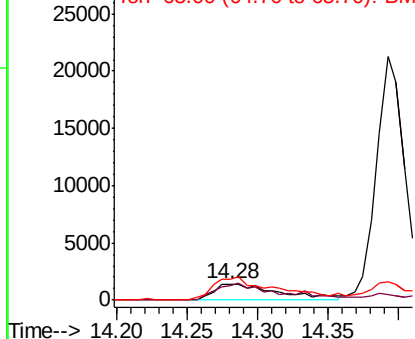
139 100

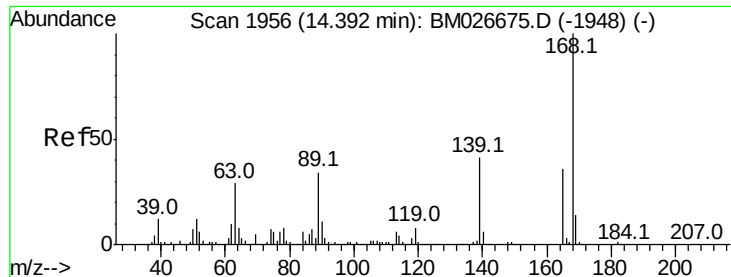
109 93.9 73.7 113.7

65 131.6 111.5 151.5



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BM

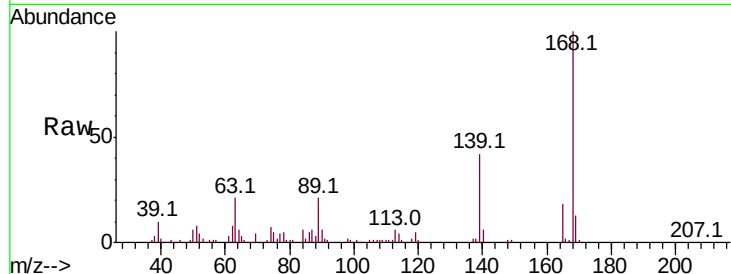




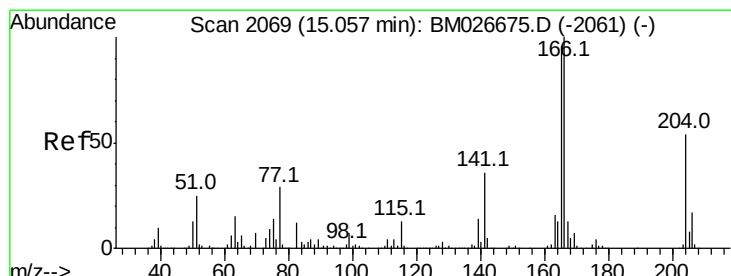
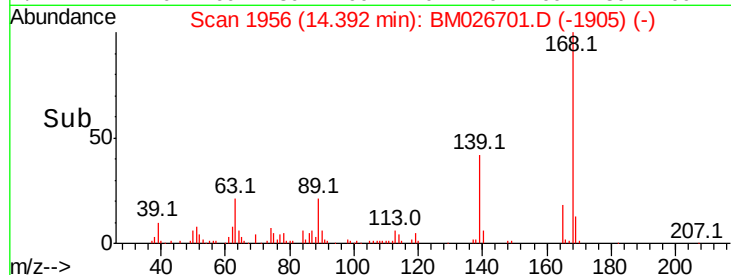
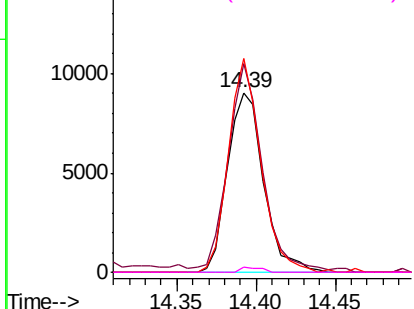
#57
 2,4-Dinitrotoluene
 Concen: 3.125 ng
 RT: 14.39 min Scan# 1956
 Delta R.T. 0.00 min
 Lab File: BM026701.D
 Acq: 08 Jul 2020 11:18

Instrument :
 BNA_M
 ClientSampleId :
 LOQ-SOIL-02-QT3-2020

Tot Ion:165 Resp: 14227
 Ion Ratio Lower Upper
 165 100
 63 116.4 64.6 97.0#
 89 119.0 75.4 113.2#
 182 2.6 2.2 3.4

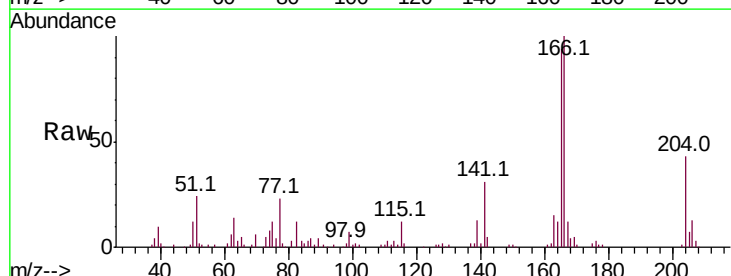


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BM
 Ion 89.00 (88.70 to 89.70): BM
 Ion 182.00 (181.70 to 182.70): E

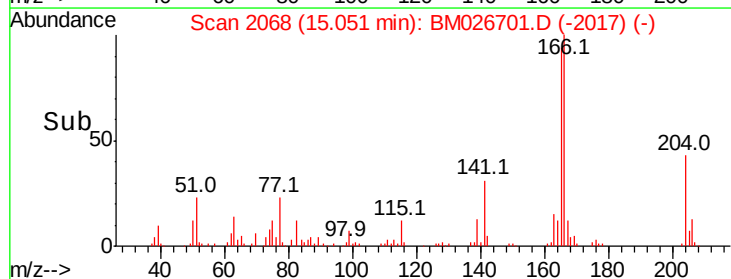
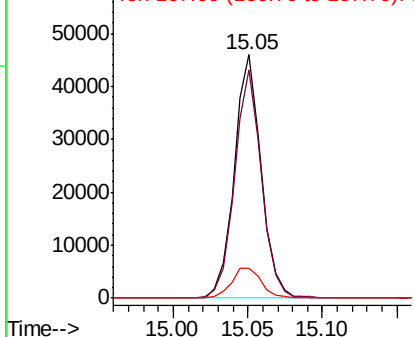


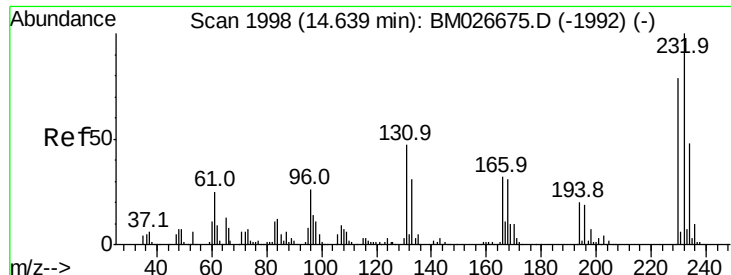
#58
 Fluorene
 Concen: 3.962 ng
 RT: 15.05 min Scan# 2068
 Delta R.T. 0.00 min
 Lab File: BM026701.D
 Acq: 08 Jul 2020 11:18

Tgt Ion:166 Resp: 57413
 Ion Ratio Lower Upper
 166 100
 165 93.9 77.1 115.7
 167 12.4 10.8 16.2



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

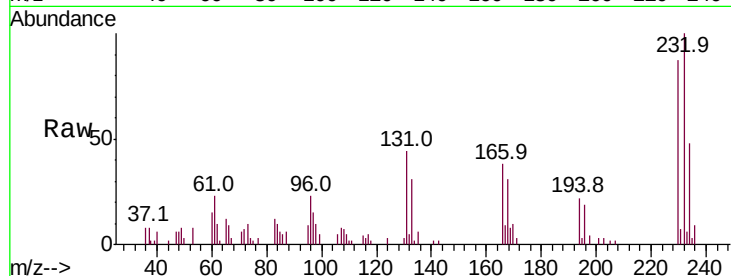




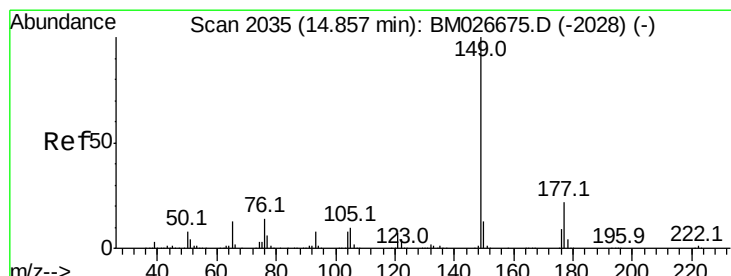
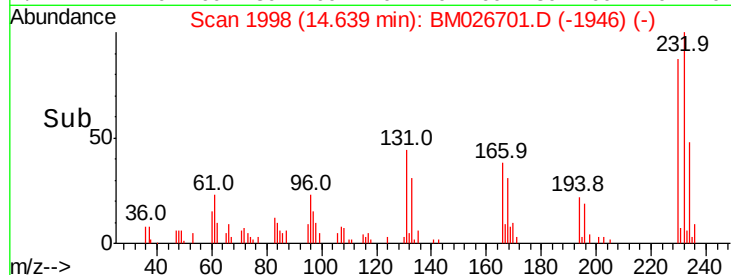
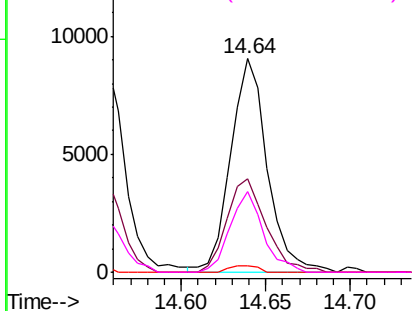
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 3.656 ng
 RT: 14.64 min Scan# 1998
 Delta R.T. 0.01 min
 Lab File: BM026701.D
 Acq: 08 Jul 2020 11:18

Instrument :
 BNA_M
 ClientSampleId :
 LOQ-SOIL-02-QT3-2020

Tot Ion:	232	Resp:	13683
Ion	Ratio	Lower	Upper
232	100		
131	46.5	38.4	57.6
130	2.3	2.2	3.2
166	34.2	25.4	38.0

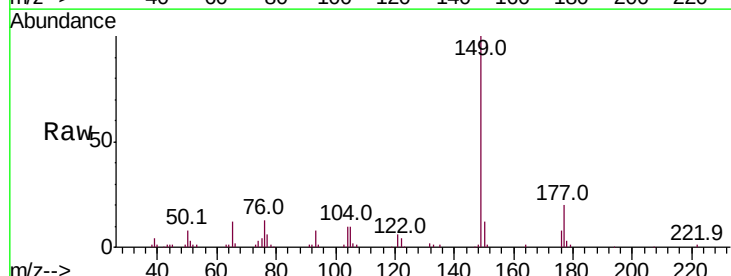


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

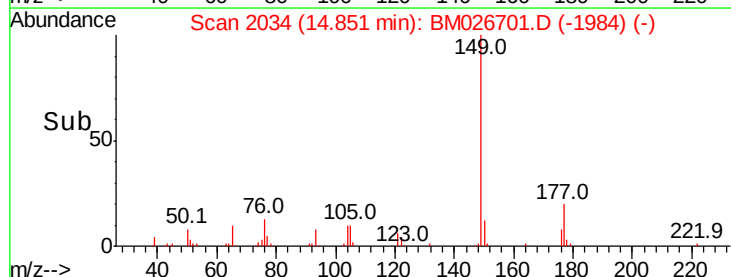
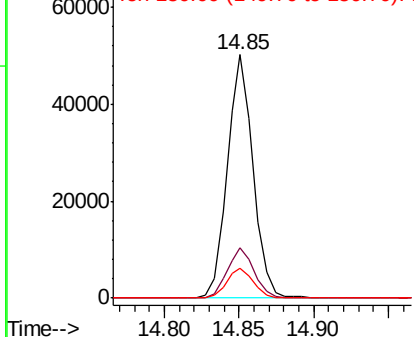


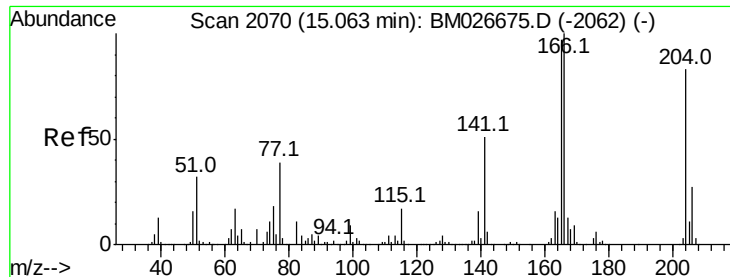
#60
 Diethylphthalate
 Concen: 3.905 ng
 RT: 14.85 min Scan# 2034
 Delta R.T. -0.01 min
 Lab File: BM026701.D
 Acq: 08 Jul 2020 11:18

Tgt Ion:	149	Resp:	60824
Ion	Ratio	Lower	Upper
149	100		
177	20.5	17.8	26.6
150	12.4	10.2	15.4



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

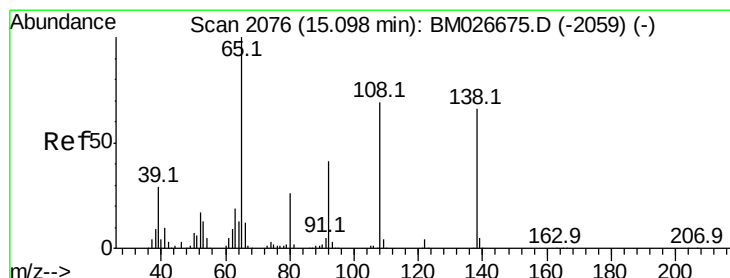
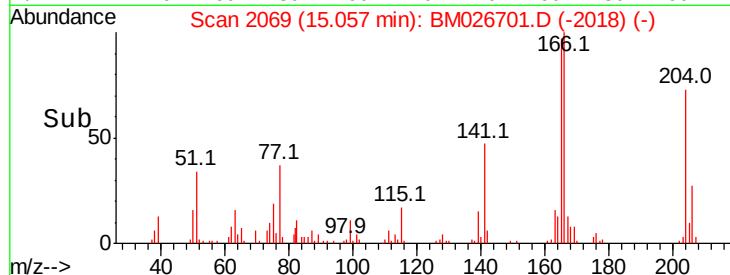
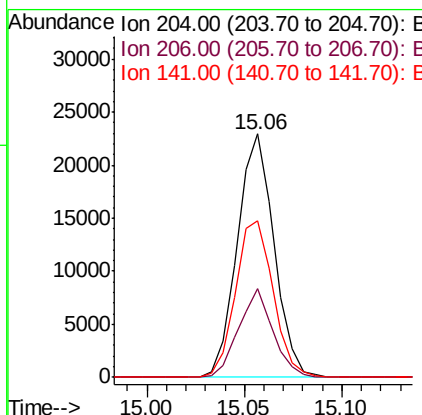
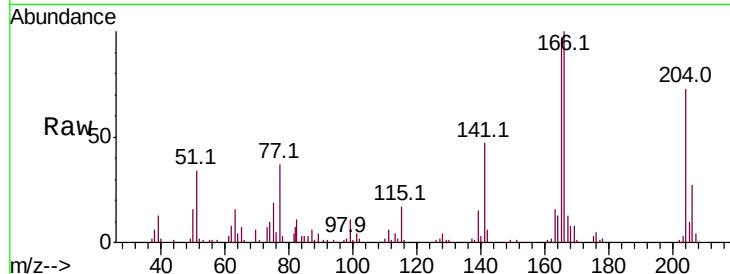




#61
4-Chlorophenyl-phenylether
Concen: 3.818 ng
RT: 15.06 min Scan# 2069
Delta R.T. 0.00 min
Lab File: BM026701.D
Acq: 08 Jul 2020 11:18

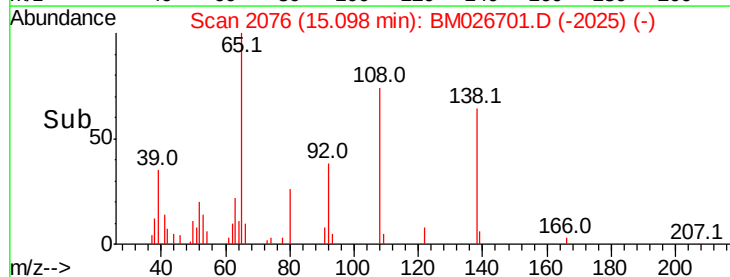
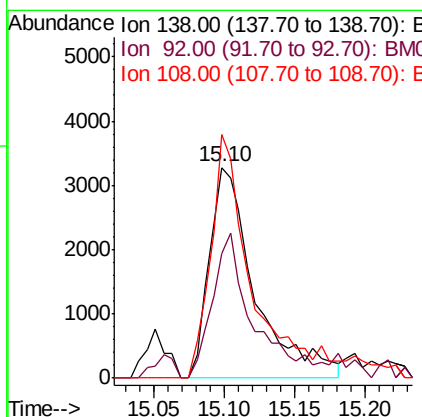
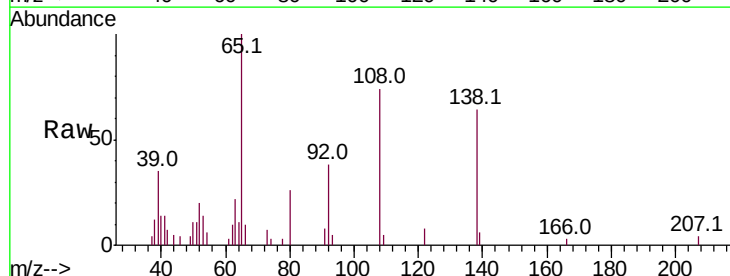
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT3-2020

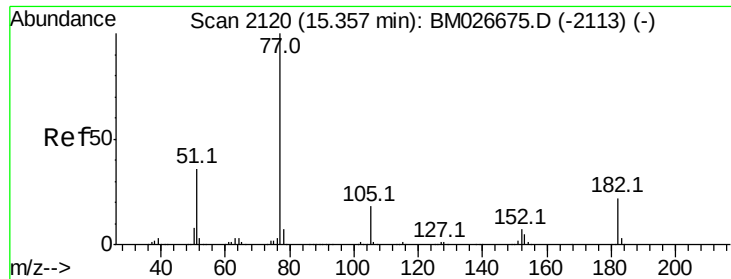
Tot Ion:204 Resp: 29975
Ion Ratio Lower Upper
204 100
206 36.6 25.9 38.9
141 64.5 49.5 74.3



#62
4-Nitroaniline
Concen: 2.155 ng
RT: 15.10 min Scan# 2076
Delta R.T. 0.00 min
Lab File: BM026701.D
Acq: 08 Jul 2020 11:18

Tgt Ion:138 Resp: 7381
Ion Ratio Lower Upper
138 100
92 59.0 41.5 81.5
108 115.5 84.8 124.8





#63

Azobenzene

Concen: 3.817 ng

RT: 15.35 min Scan# 2119

Delta R.T. 0.00 min

Lab File: BM026701.D

Acq: 08 Jul 2020 11:18

Instrument :

BNA_M

ClientSampleId :

LOQ-SOIL-02-QT3-2020

Tot Ion: 77 Resp: 65289

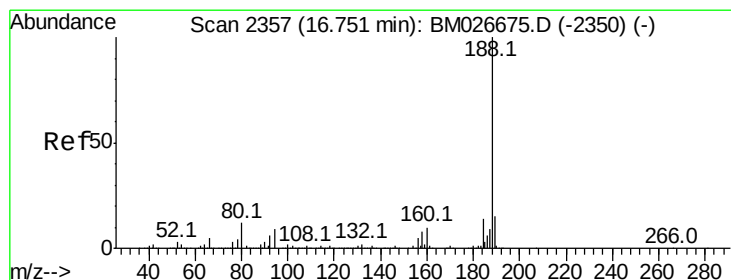
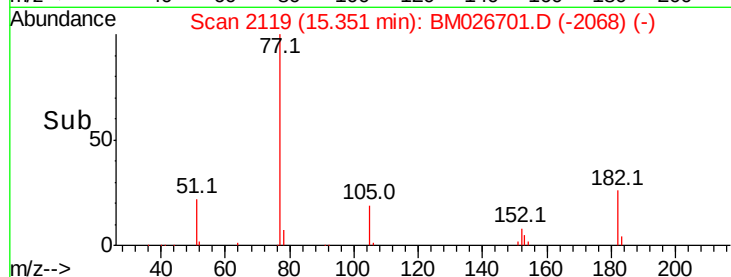
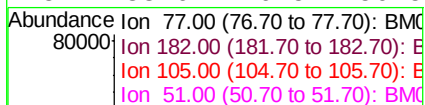
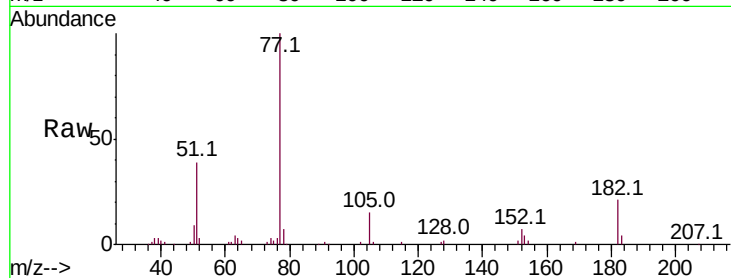
Ion Ratio Lower Upper

77 100

182 20.5 1.6 41.6

105 15.2 0.0 37.8

51 38.6 16.5 56.5



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.74 min Scan# 2356

Delta R.T. -0.01 min

Lab File: BM026701.D

Acq: 08 Jul 2020 11:18

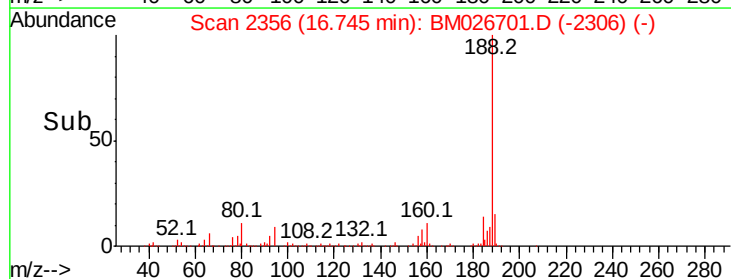
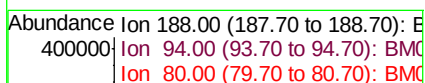
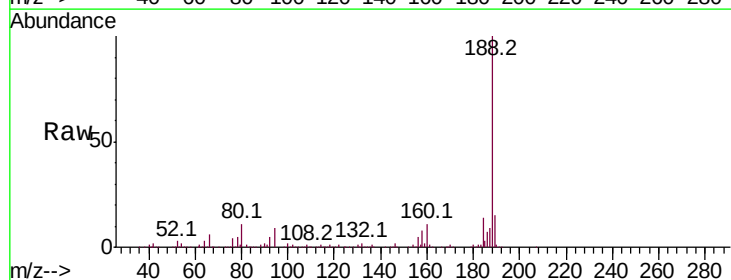
Tgt Ion: 188 Resp: 402271

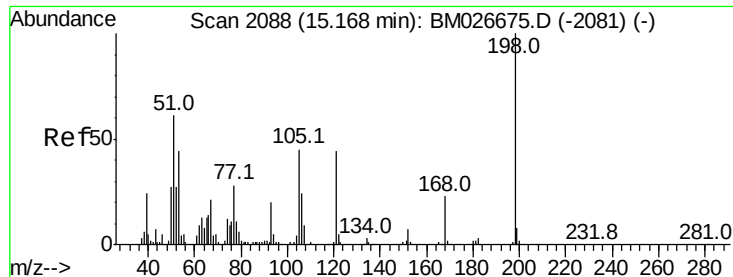
Ion Ratio Lower Upper

188 100

94 9.0 7.4 11.0

80 11.2 9.3 13.9

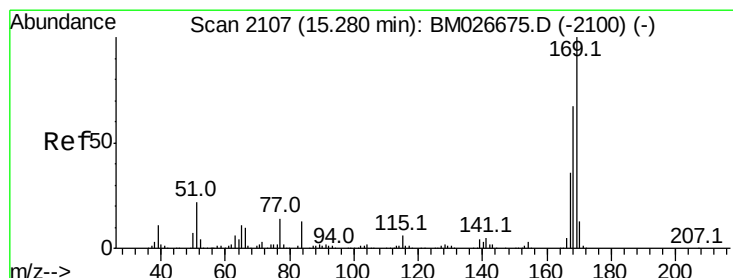
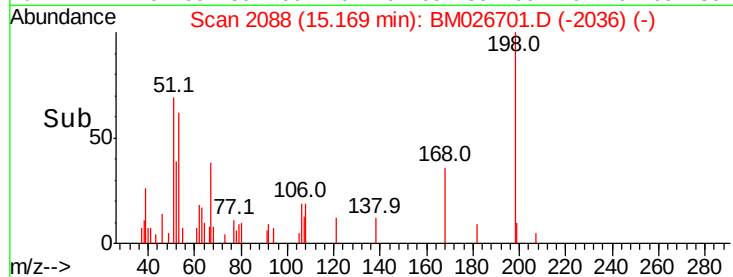
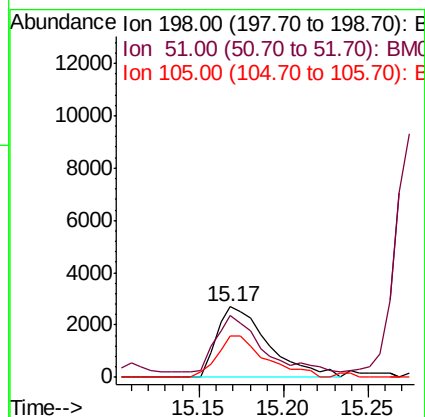
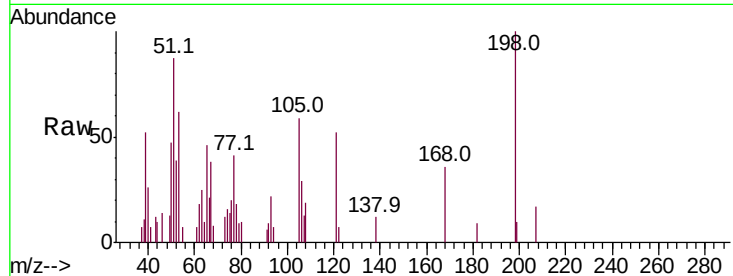




#65
 4,6-Dinitro-2-methylphenol
 Concen: 2.085 ng
 RT: 15.17 min Scan# 2088
 Delta R.T. 0.01 min
 Lab File: BM026701.D
 Acq: 08 Jul 2020 11:18

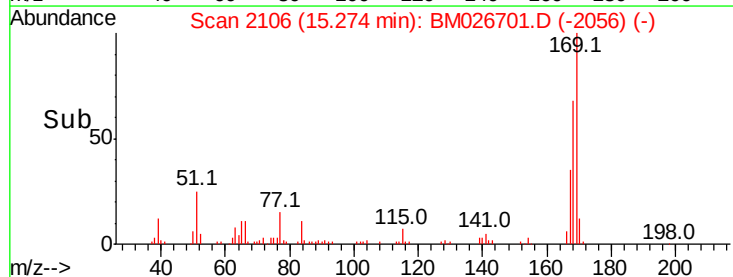
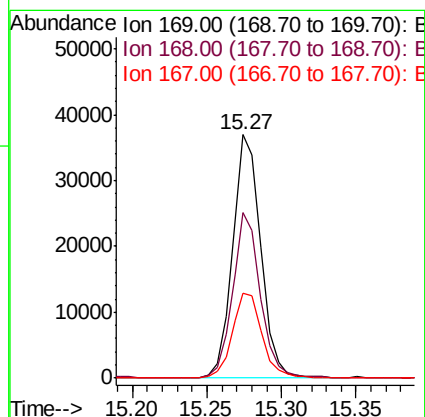
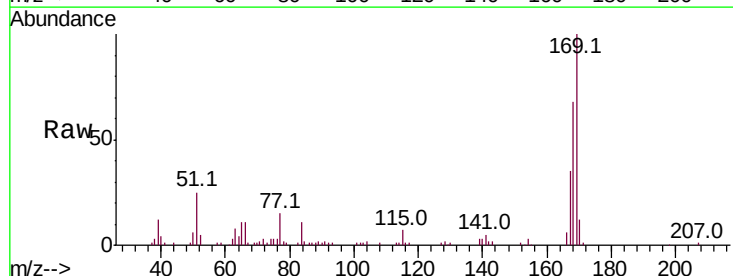
Instrument :
 BNA_M
 ClientSampleId :
 LOQ-SOIL-02-QT3-2020

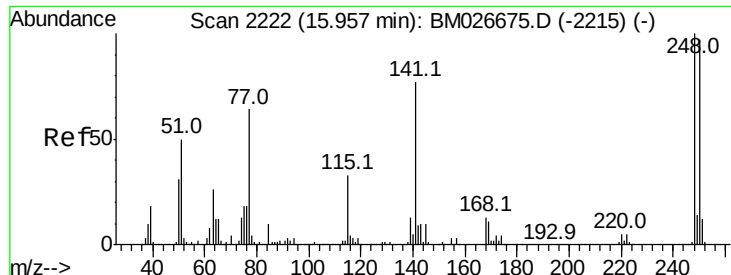
Tot Ion:198 Resp: 5702
 Ion Ratio Lower Upper
 198 100
 51 87.3 42.0 82.0#
 105 58.7 24.9 64.9



#66
 n-Nitrosodiphenylamine
 Concen: 3.818 ng
 RT: 15.27 min Scan# 2106
 Delta R.T. -0.01 min
 Lab File: BM026701.D
 Acq: 08 Jul 2020 11:18

Tgt Ion:169 Resp: 48812
 Ion Ratio Lower Upper
 169 100
 168 67.8 53.8 80.8
 167 34.8 28.6 43.0

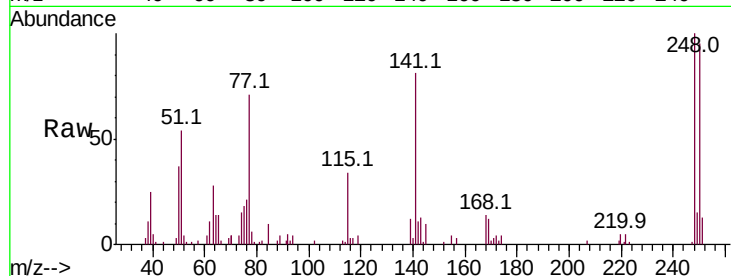




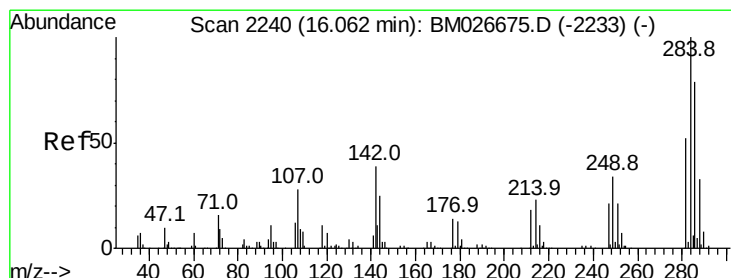
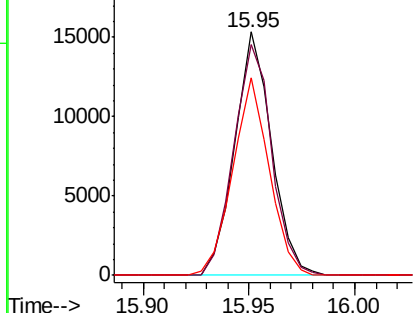
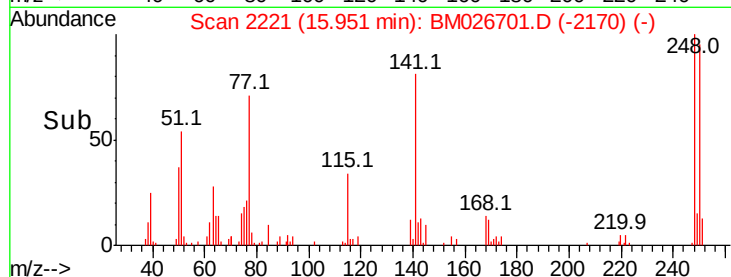
#67
 4-Bromophenyl-phenylether
 Concen: 3.685 ng
 RT: 15.95 min Scan# 2221
 Delta R.T. 0.00 min
 Lab File: BM026701.D
 Acq: 08 Jul 2020 11:18

Instrument :
 BNA_M
 ClientSampleId :
 LOQ-SOIL-02-QT3-2020

Tot Ion:248 Resp: 18452
 Ion Ratio Lower Upper
 248 100
 250 94.6 77.4 116.2
 141 80.9 61.9 92.9

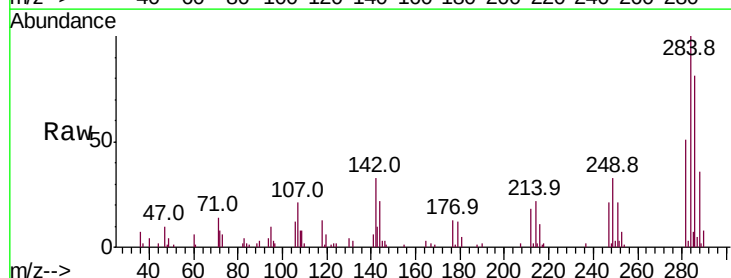


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

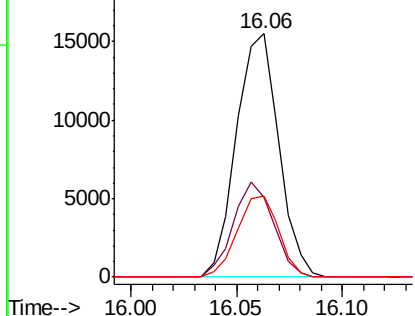
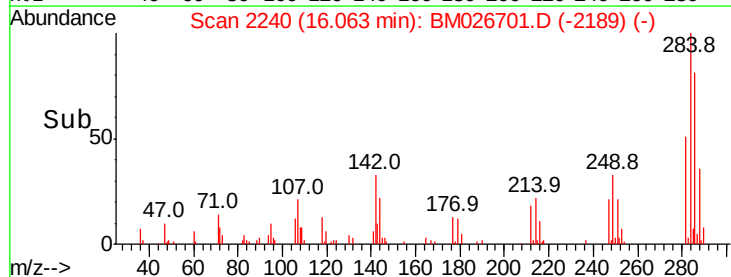


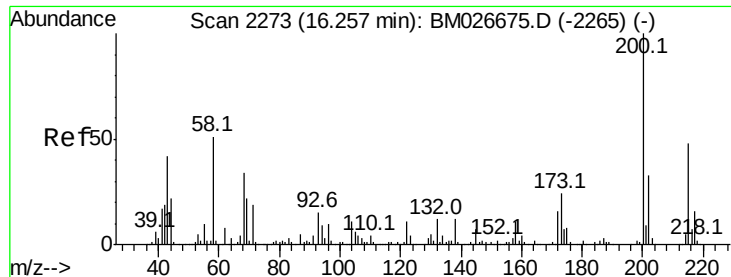
#68
 Hexachlorobenzene
 Concen: 4.099 ng
 RT: 16.06 min Scan# 2240
 Delta R.T. 0.00 min
 Lab File: BM026701.D
 Acq: 08 Jul 2020 11:18

Tgt Ion:284 Resp: 21601
 Ion Ratio Lower Upper
 284 100
 142 33.0 31.1 46.7
 249 33.2 27.4 41.0



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

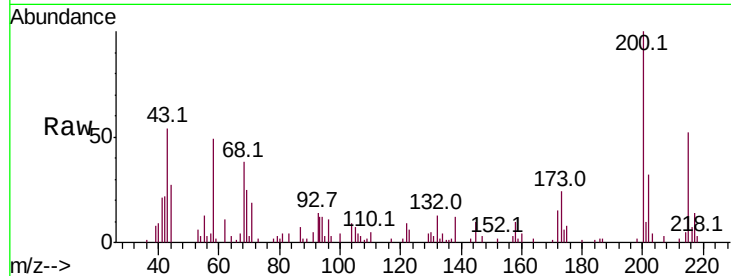




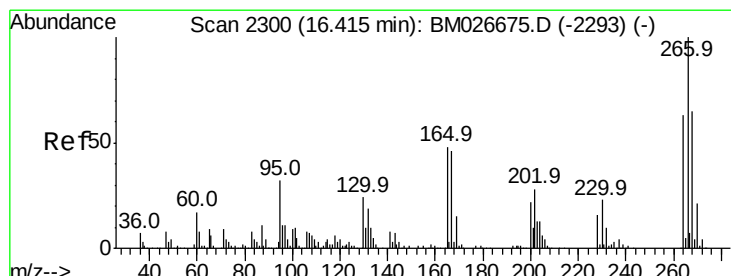
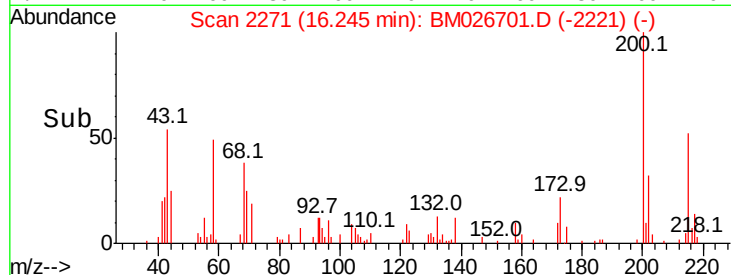
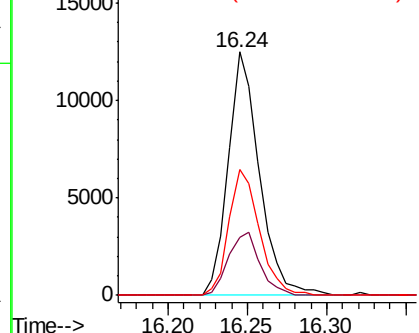
#69
Atrazine
Concen: 4.423 ng
RT: 16.24 min Scan# 2271
Delta R.T. -0.01 min
Lab File: BM026701.D
Acq: 08 Jul 2020 11:18

Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT3-2020

Tot Ion:200 Resp: 17003
Ion Ratio Lower Upper
200 100
173 23.9 4.5 44.5
215 51.6 28.4 68.4

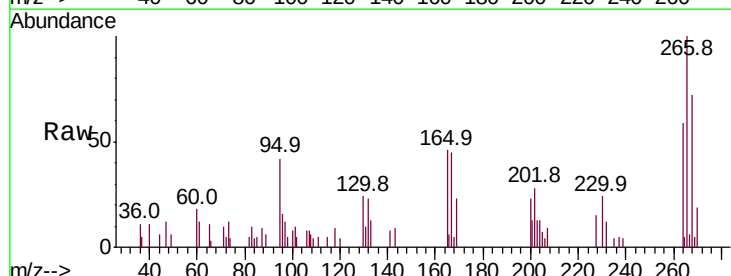


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

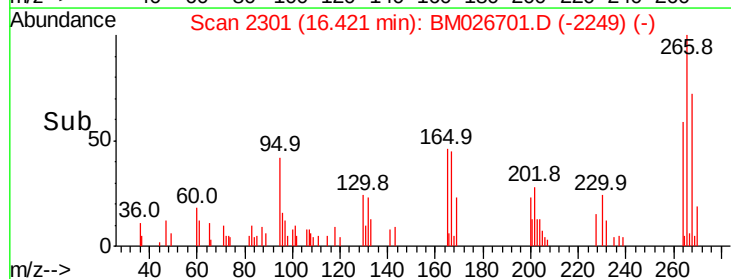
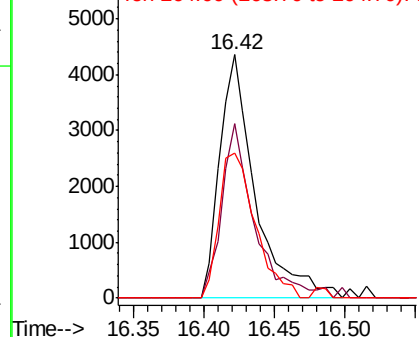


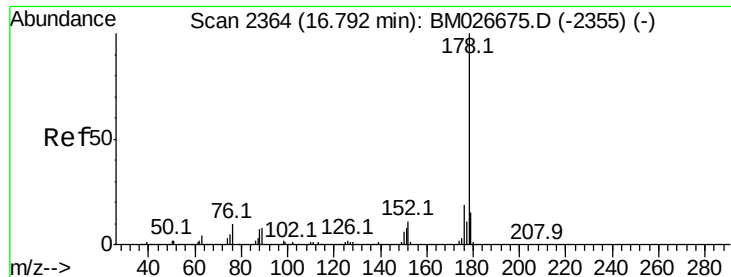
#70
Pentachlorophenol
Concen: 2.562 ng
RT: 16.42 min Scan# 2301
Delta R.T. 0.01 min
Lab File: BM026701.D
Acq: 08 Jul 2020 11:18

Tgt Ion:266 Resp: 7639
Ion Ratio Lower Upper
266 100
268 71.8 51.8 77.6
264 59.4 50.1 75.1



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

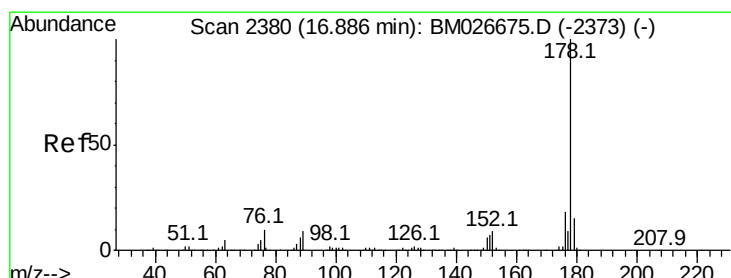
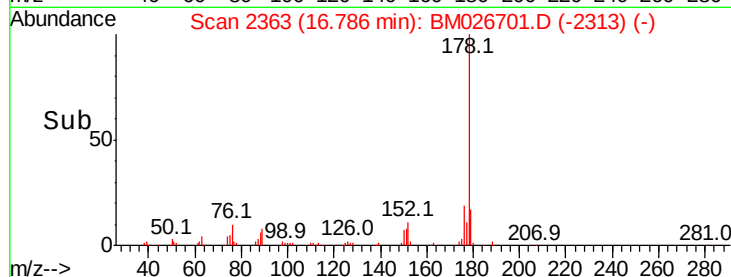
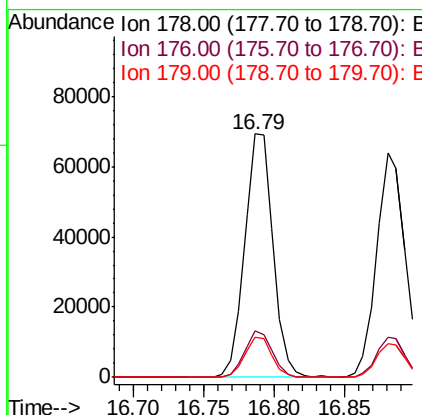
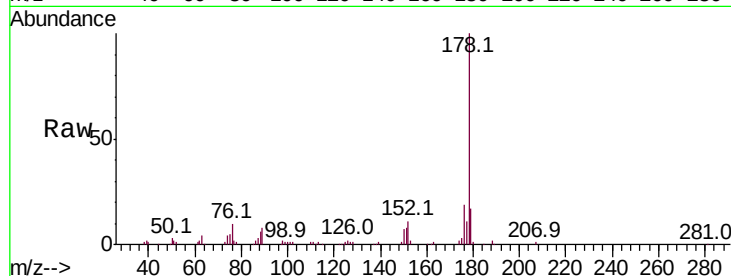




#71
Phenanthrene
Concen: 4.108 ng
RT: 16.79 min Scan# 2363
Delta R.T. -0.01 min
Lab File: BM026701.D
Acq: 08 Jul 2020 11:18

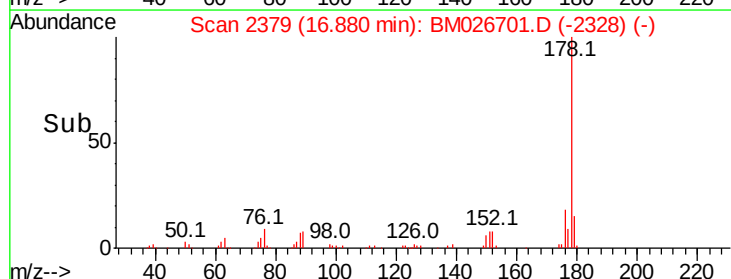
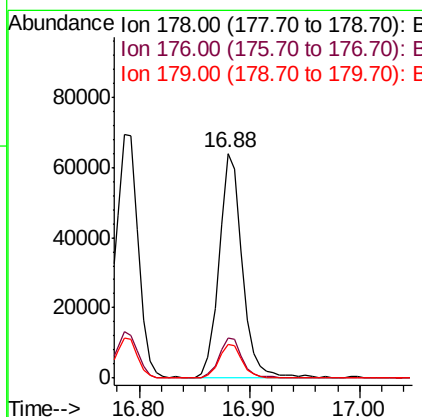
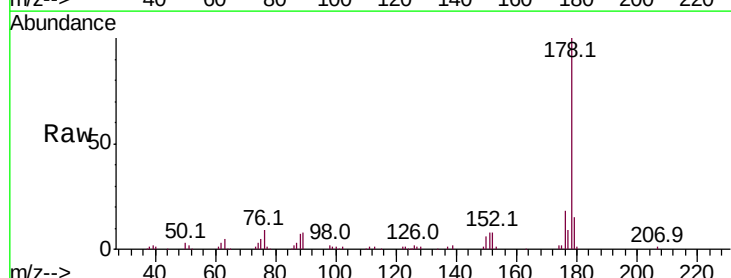
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT3-2020

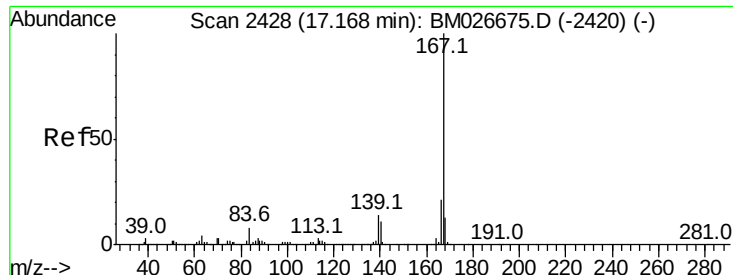
Tot Ion:178 Resp: 97568
Ion Ratio Lower Upper
178 100
176 19.0 15.0 22.6
179 16.6 12.1 18.1



#72
Anthracene
Concen: 3.914 ng
RT: 16.88 min Scan# 2379
Delta R.T. 0.00 min
Lab File: BM026701.D
Acq: 08 Jul 2020 11:18

Tgt Ion:178 Resp: 92531
Ion Ratio Lower Upper
178 100
176 17.7 14.7 22.1
179 14.9 12.1 18.1

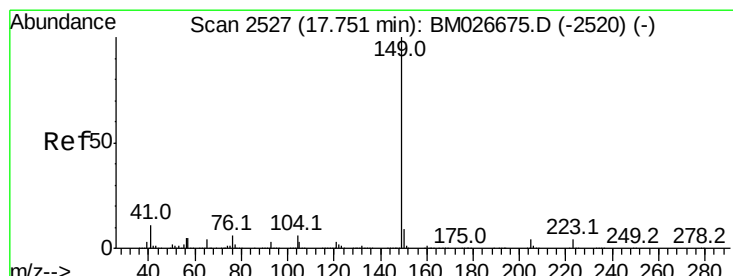
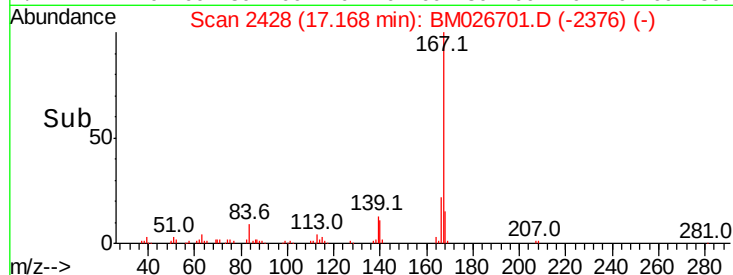
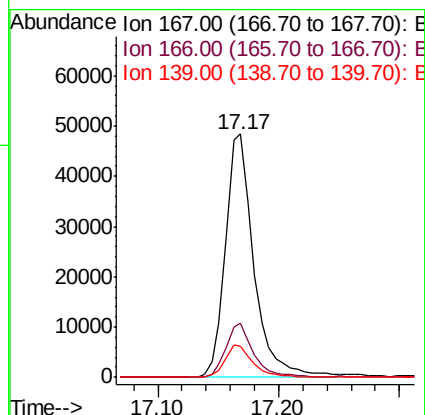
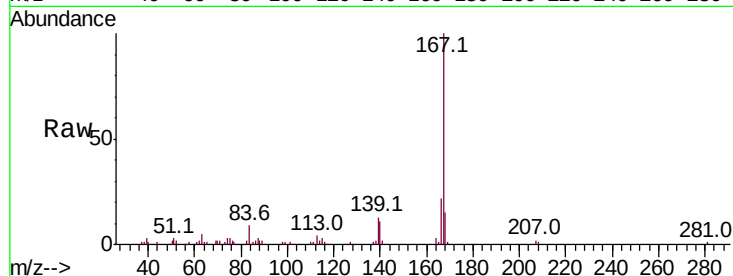




#73
 Carbazole
 Concen: 3.512 ng
 RT: 17.17 min Scan# 2428
 Delta R.T. 0.01 min
 Lab File: BM026701.D
 Acq: 08 Jul 2020 11:18

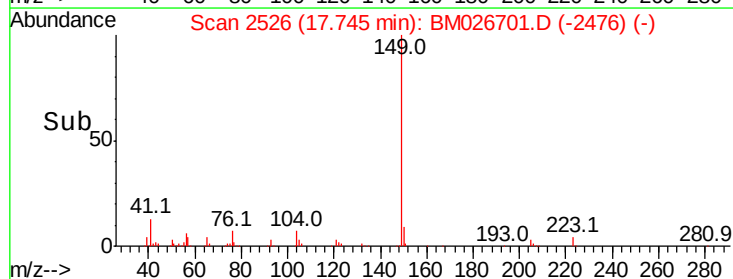
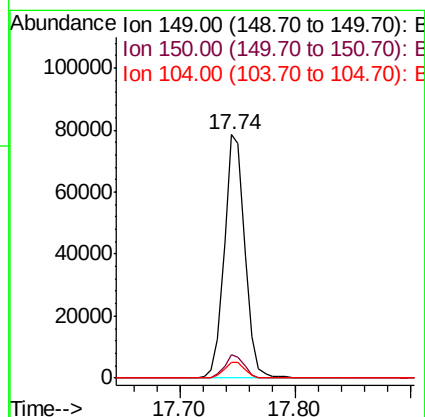
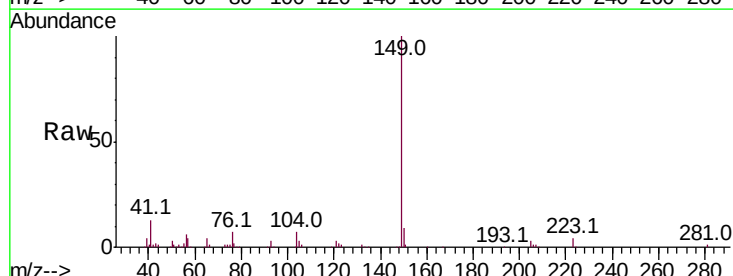
Instrument :
 BNA_M
 ClientSampleId :
 LOQ-SOIL-02-QT3-2020

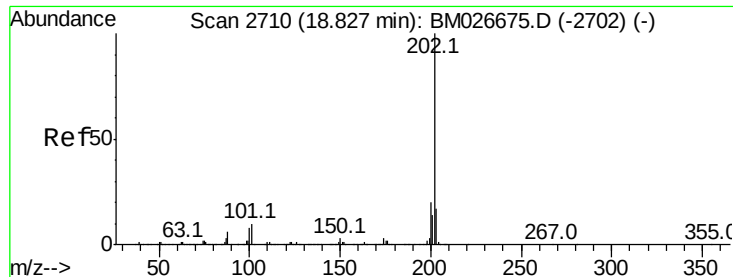
Tot Ion	Ratio	Lower	Upper
167	100		
166	22.2	16.9	25.3
139	12.6	10.8	16.2



#74
 Di-n-butylphthalate
 Concen: 3.401 ng
 RT: 17.74 min Scan# 2526
 Delta R.T. -0.01 min
 Lab File: BM026701.D
 Acq: 08 Jul 2020 11:18

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.3	10.9
104	6.7	5.0	7.4





#75

Fluoranthene

Concen: 4.006 ng

RT: 18.82 min Scan# 2709

Delta R.T. 0.00 min

Lab File: BM026701.D

Acq: 08 Jul 2020 11:18

Instrument :

BNA_M

ClientSampleId :

LOQ-SOIL-02-QT3-2020

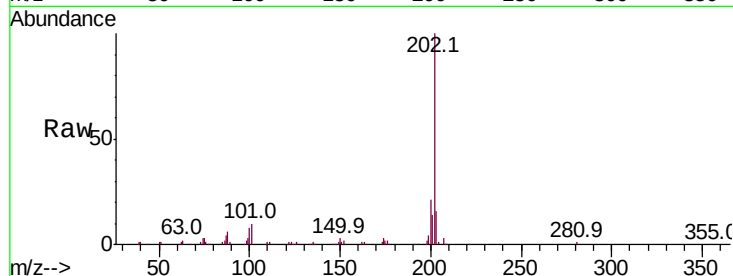
Tot Ion:202 Resp: 117172

Ion Ratio Lower Upper

202 100

101 9.9 0.0 30.1

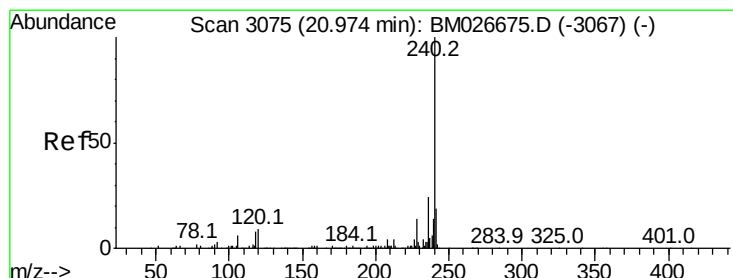
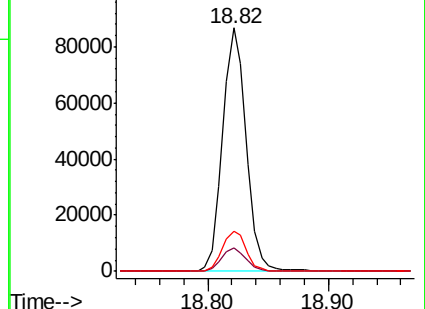
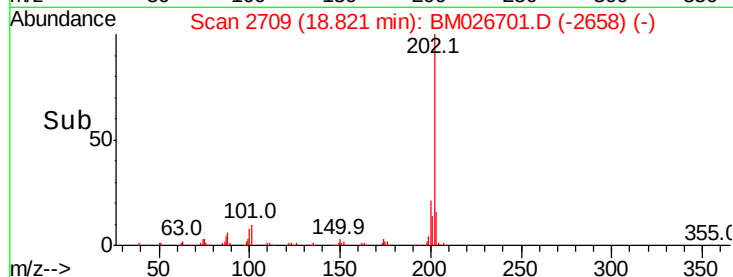
203 16.5 0.0 37.2



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 20.97 min Scan# 3074

Delta R.T. 0.00 min

Lab File: BM026701.D

Acq: 08 Jul 2020 11:18

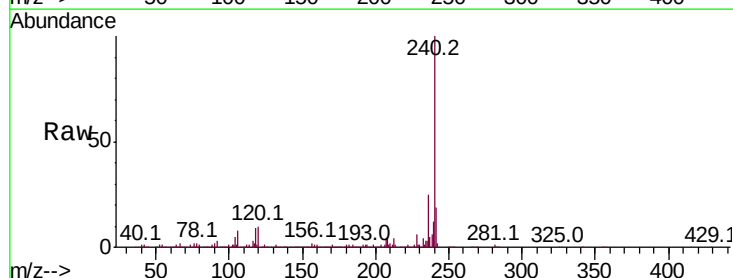
Tgt Ion:240 Resp: 496756

Ion Ratio Lower Upper

240 100

120 9.9 7.3 10.9

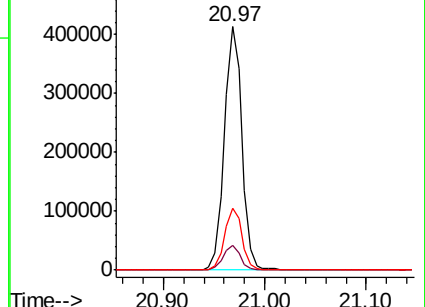
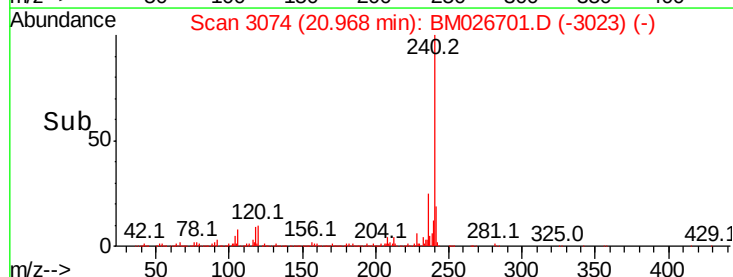
236 25.5 19.4 29.2

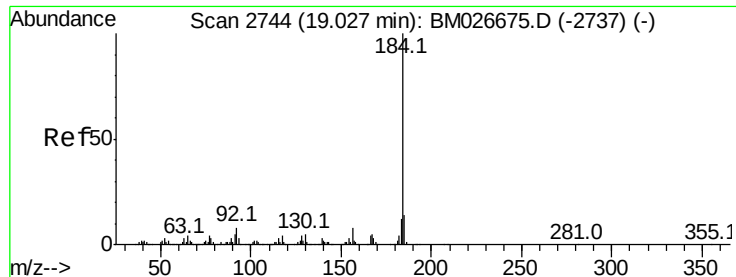


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 3.413 ng

RT: 19.03 min Scan# 2745

Delta R.T. 0.01 min

Lab File: BM026701.D

Acq: 08 Jul 2020 11:18

Instrument :

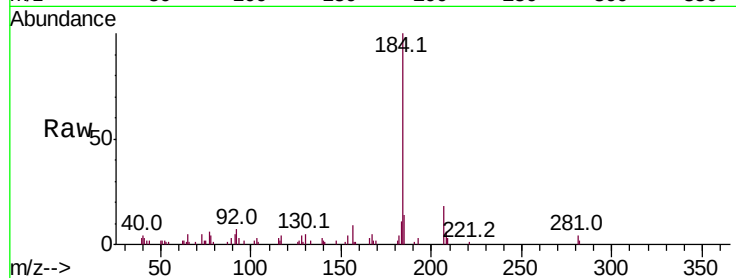
BNA_M

ClientSampleId :

LOQ-SOIL-02-QT3-2020

Tot Ion:184 Resp: 33429

Ion	Ratio	Lower	Upper
184	100		
185	13.5	10.9	16.3
183	11.3	9.3	13.9

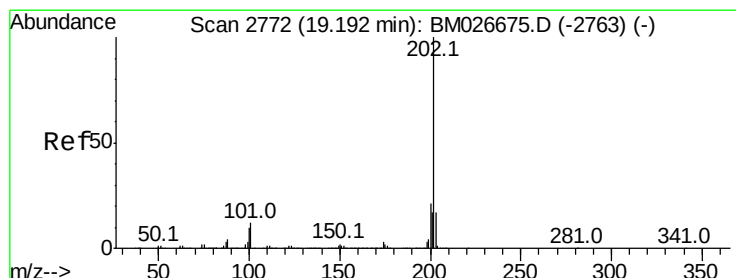
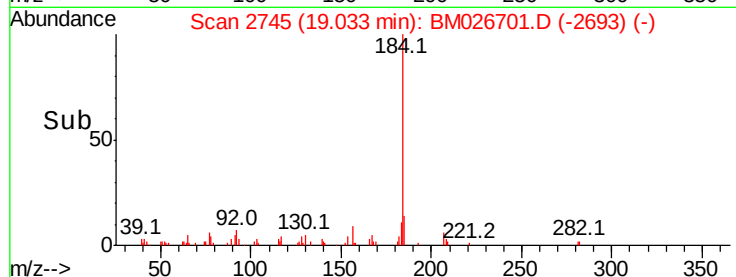
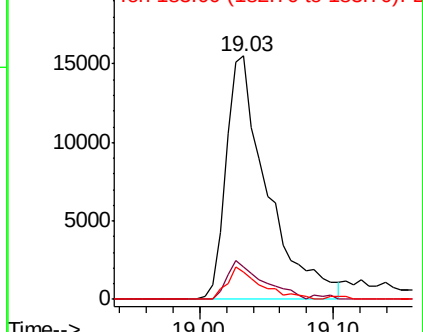


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 3.885 ng

RT: 19.19 min Scan# 2771

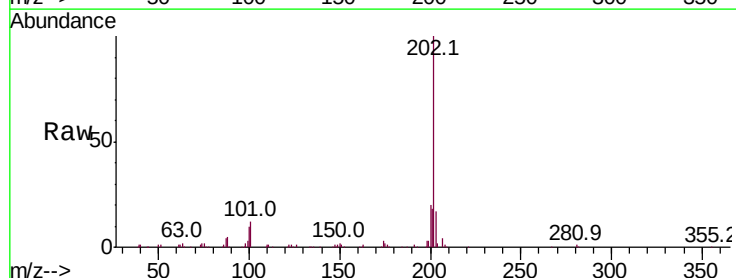
Delta R.T. 0.00 min

Lab File: BM026701.D

Acq: 08 Jul 2020 11:18

Tgt Ion:202 Resp: 121585

Ion	Ratio	Lower	Upper
202	100		
200	20.4	16.6	24.8
203	17.2	13.7	20.5

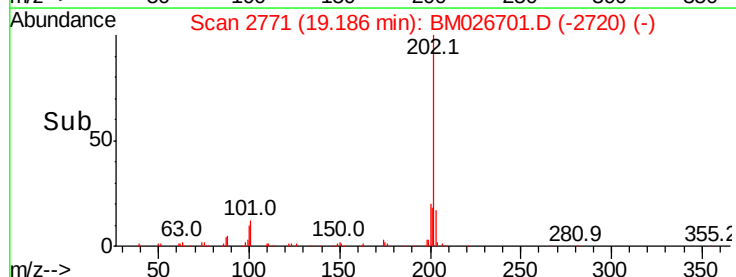
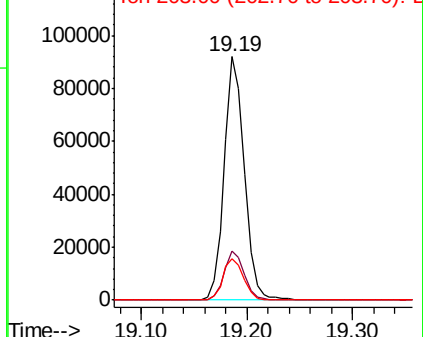


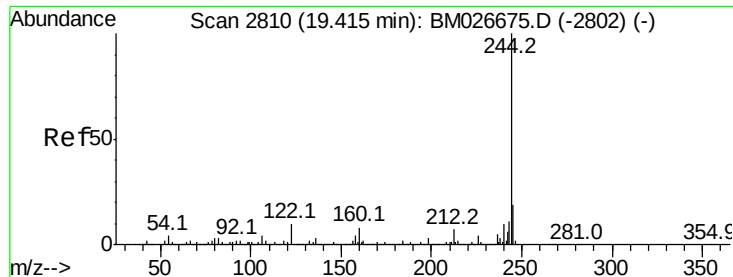
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 56.885 ng

RT: 19.41 min Scan# 2809

Delta R.T. -0.01 min

Lab File: BM026701.D

Acq: 08 Jul 2020 11:18

Instrument :

BNA_M

ClientSampleId :

LOQ-SOIL-02-QT3-2020

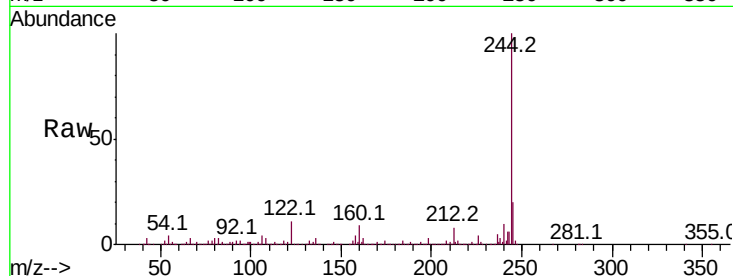
Tot Ion:244 Resp: 1435856

Ion Ratio Lower Upper

244 100

212 7.7 5.9 8.9

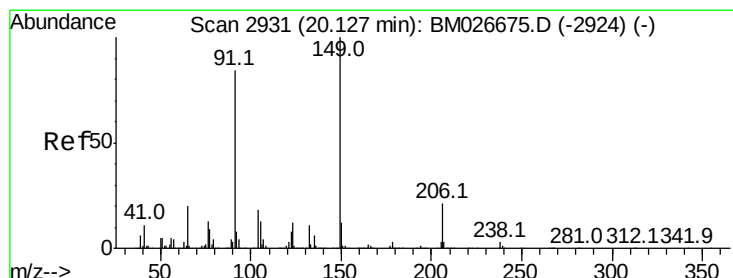
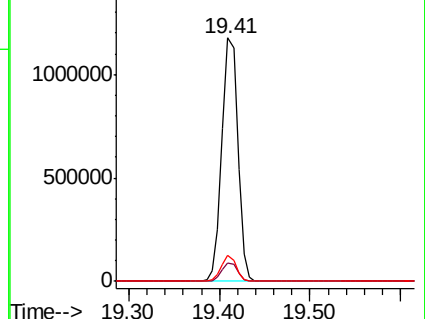
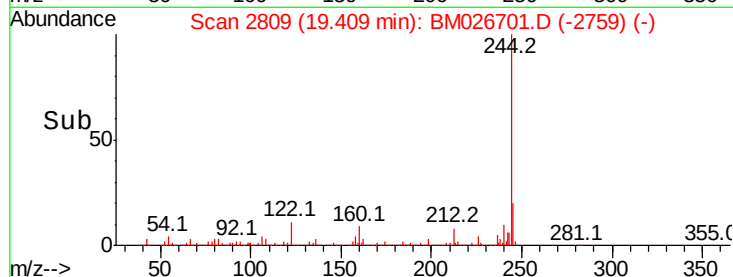
122 10.7 8.2 12.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 3.026 ng

RT: 20.13 min Scan# 2931

Delta R.T. 0.00 min

Lab File: BM026701.D

Acq: 08 Jul 2020 11:18

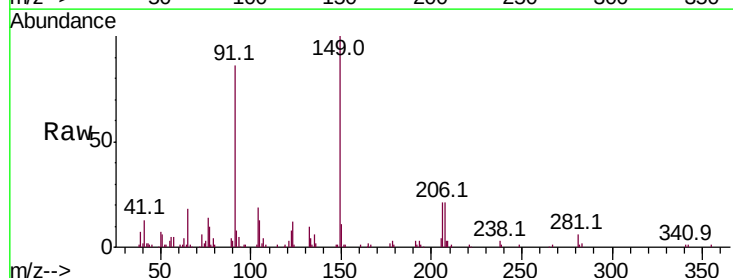
Tgt Ion:149 Resp: 42499

Ion Ratio Lower Upper

149 100

91 85.9 67.6 101.4

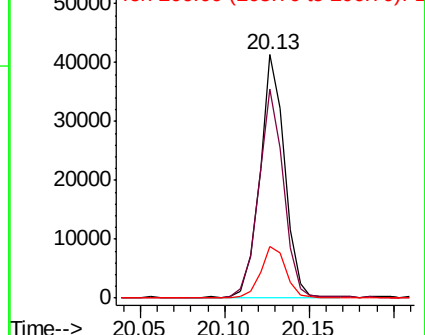
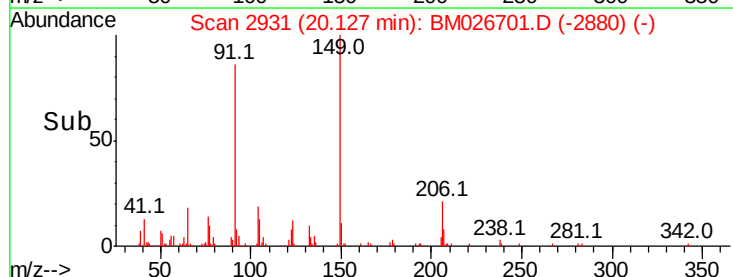
206 21.4 16.7 25.1

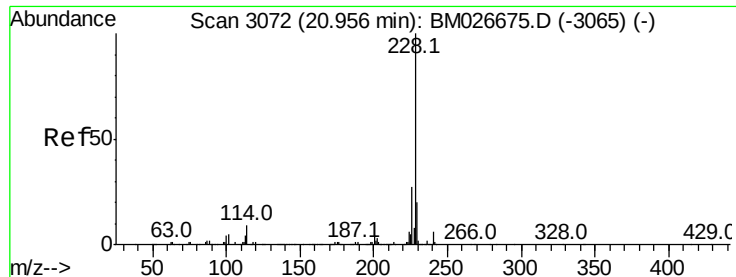


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 4.080 ng

RT: 20.96 min Scan# 3072

Delta R.T. 0.00 min

Lab File: BM026701.D

Acq: 08 Jul 2020 11:18

Instrument :

BNA_M

ClientSampleId :

LOQ-SOIL-02-QT3-2020

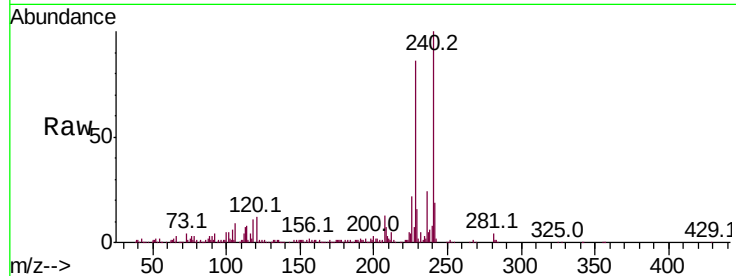
Tot Ion:228 Resp: 136149

Ion Ratio Lower Upper

228 100

226 25.3 21.4 32.2

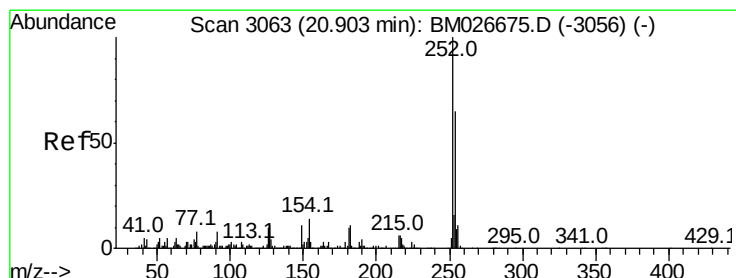
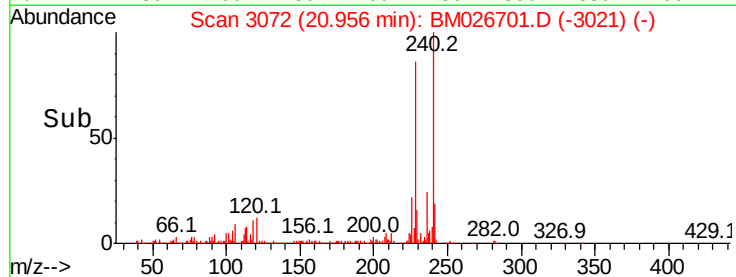
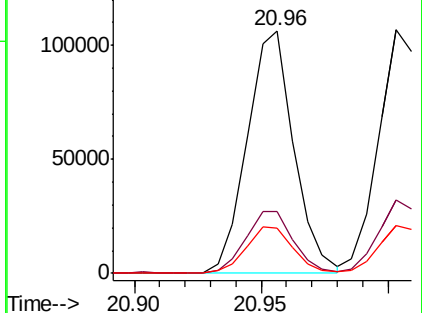
229 18.4 15.6 23.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 3.977 ng

RT: 20.90 min Scan# 3063

Delta R.T. 0.00 min

Lab File: BM026701.D

Acq: 08 Jul 2020 11:18

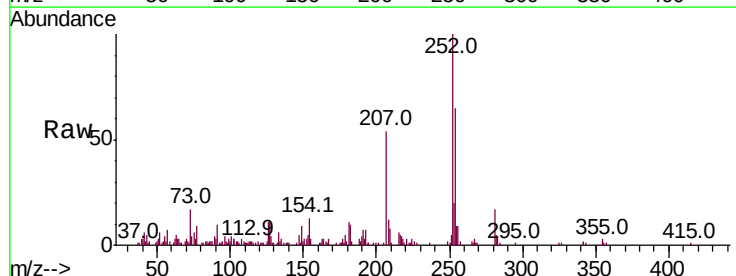
Tgt Ion:252 Resp: 42116

Ion Ratio Lower Upper

252 100

254 64.6 51.9 77.9

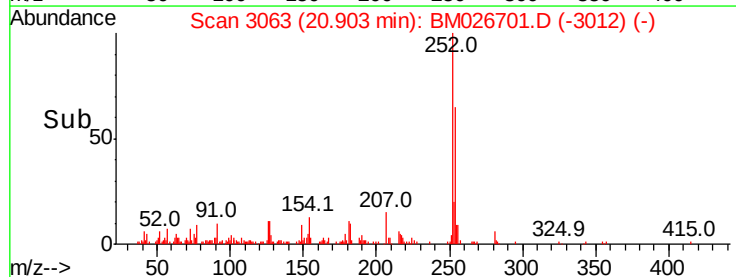
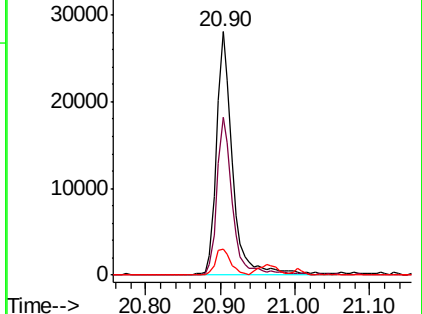
126 10.5 8.2 12.2

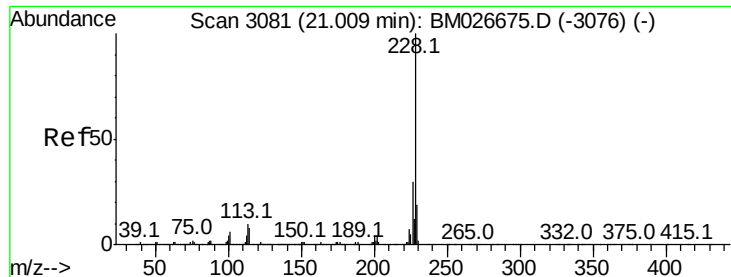


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 4.046 ng

RT: 21.00 min Scan# 3080

Delta R.T. -0.01 min

Lab File: BM026701.D

Acq: 08 Jul 2020 11:18

Instrument :

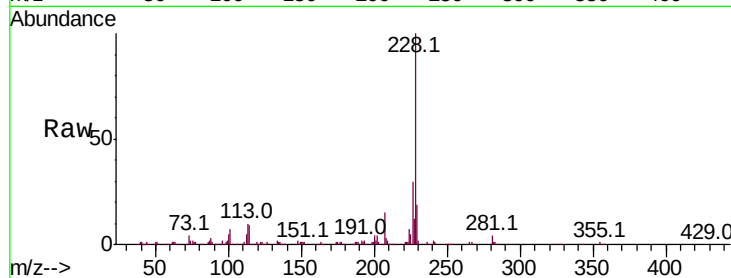
BNA_M

ClientSampleId :

LOQ-SOIL-02-QT3-2020

Tot Ion:228 Resp: 131416

Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.7	35.5
229	19.5	15.4	23.0

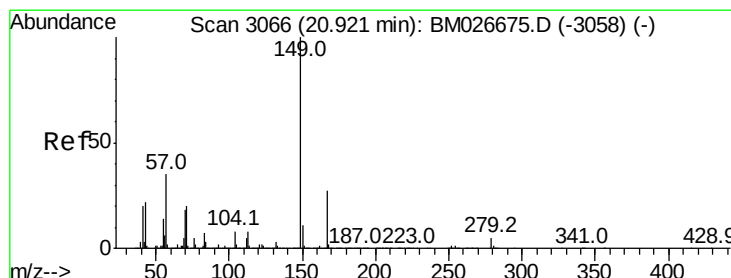
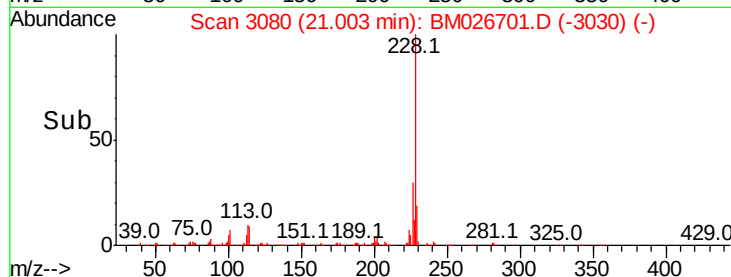
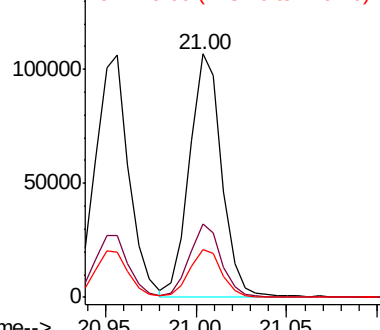


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.086 ng

RT: 20.92 min Scan# 3066

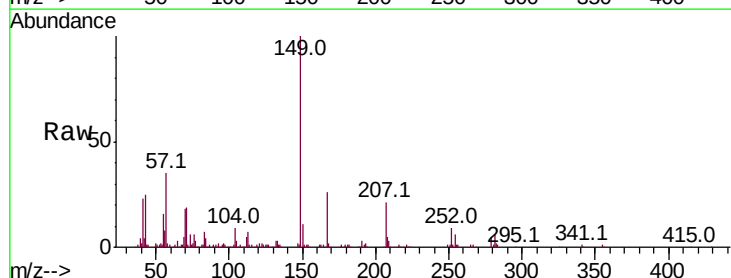
Delta R.T. 0.00 min

Lab File: BM026701.D

Acq: 08 Jul 2020 11:18

Tgt Ion:149 Resp: 69433

Ion	Ratio	Lower	Upper
149	100		
167	26.3	21.9	32.9
279	4.9	3.7	5.5

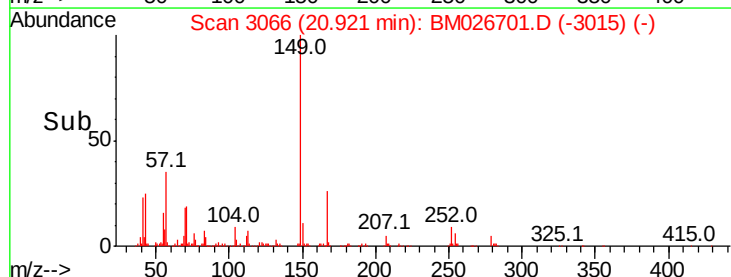
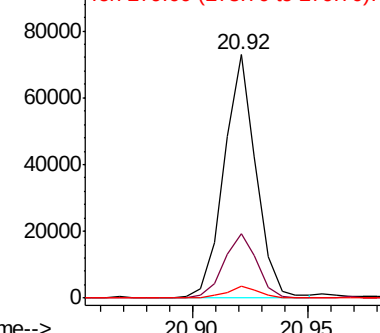


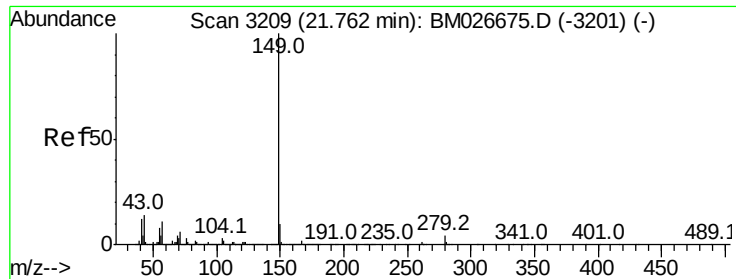
Abundance

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: 3.094 ng

RT: 21.76 min Scan# 3209

Delta R.T. 0.00 min

Lab File: BM026701.D

Acq: 08 Jul 2020 11:18

Instrument :

BNA_M

ClientSampleId :

LOQ-SOIL-02-QT3-2020

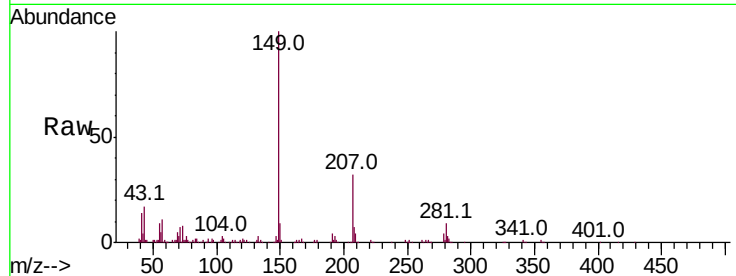
Tot Ion:149 Resp: 118980

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

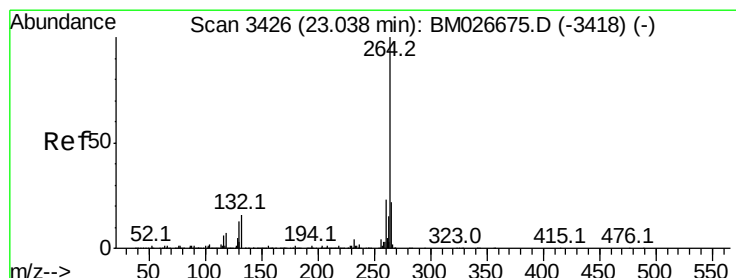
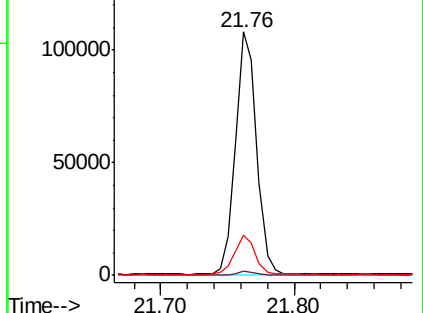
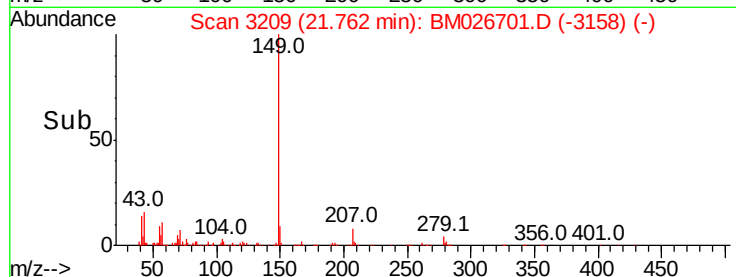
43 17.0 11.2 16.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.04 min Scan# 3426

Delta R.T. 0.00 min

Lab File: BM026701.D

Acq: 08 Jul 2020 11:18

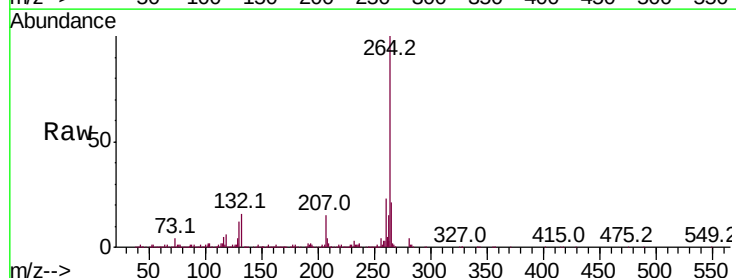
Tgt Ion:264 Resp: 537081

Ion Ratio Lower Upper

264 100

260 23.1 18.2 27.2

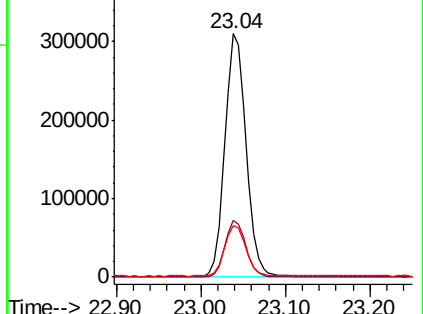
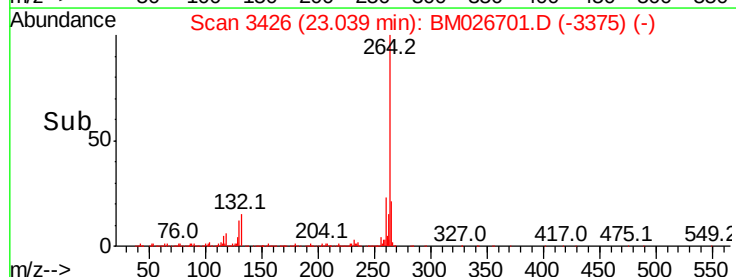
265 21.3 17.6 26.4

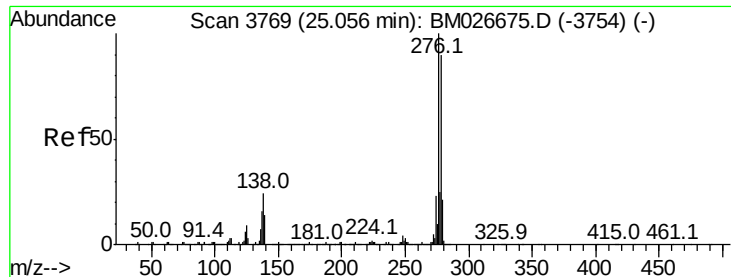


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

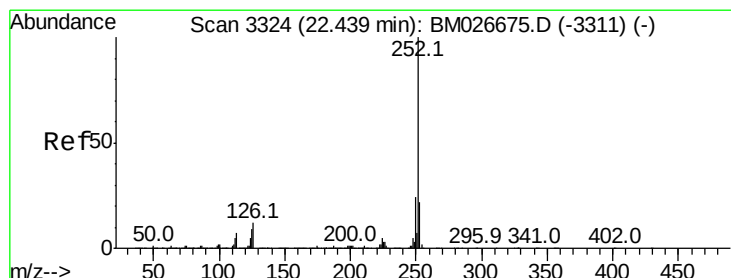
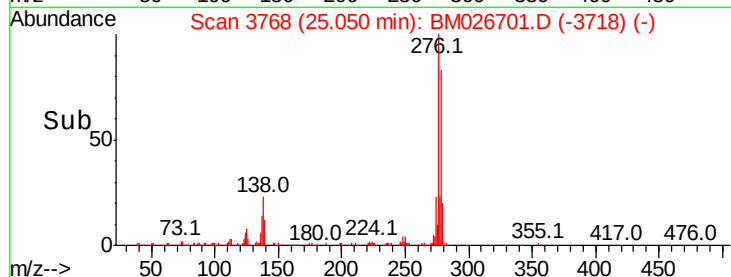
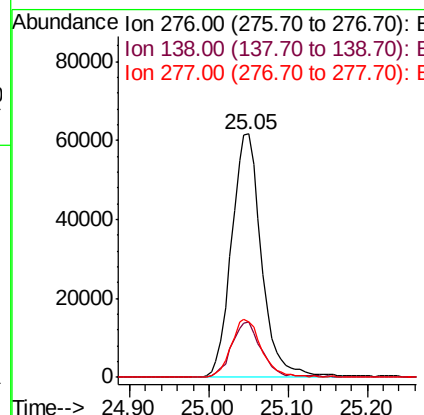
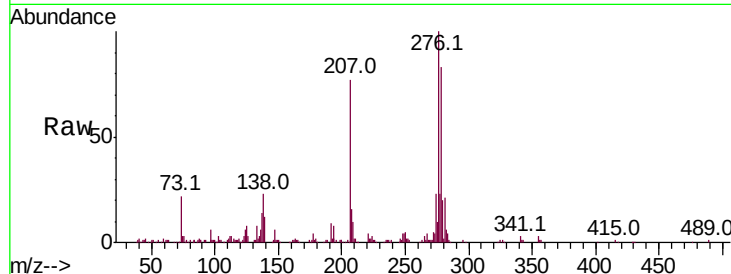




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 4.222 ng
 RT: 25.05 min Scan# 3768
 Delta R.T. -0.01 min
 Lab File: BM026701.D
 Acq: 08 Jul 2020 11:18

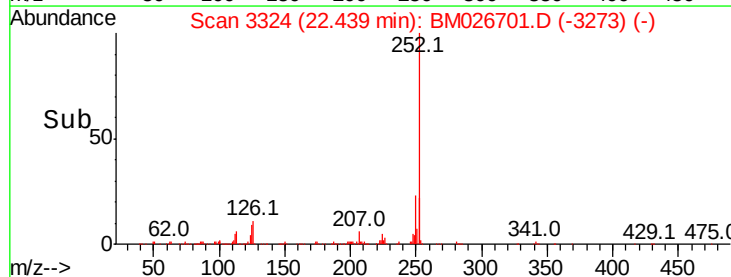
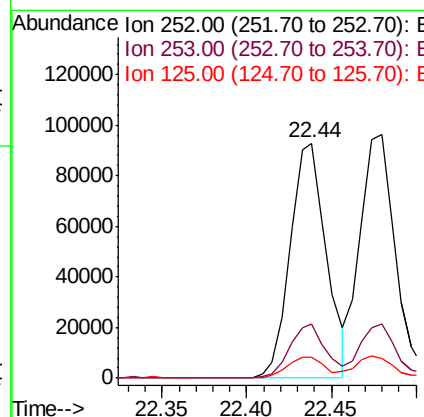
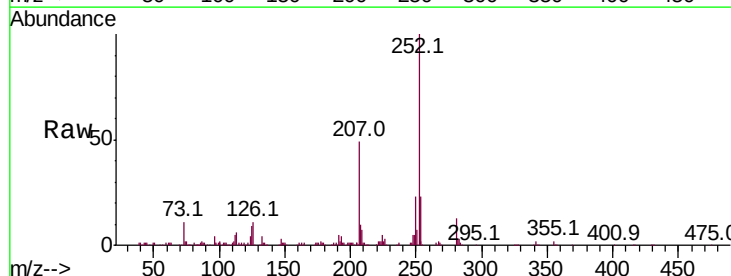
Instrument :
 BNA_M
 ClientSampleId :
 LOQ-SOIL-02-QT3-2020

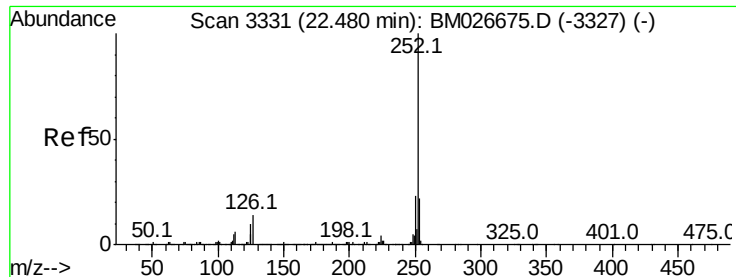
Tot Ion:276 Resp: 161443
 Ion Ratio Lower Upper
 276 100
 138 22.7 18.4 27.6
 277 24.3 20.0 30.0



#88
 Benzo(b)fluoranthene
 Concen: 3.881 ng
 RT: 22.44 min Scan# 3324
 Delta R.T. 0.00 min
 Lab File: BM026701.D
 Acq: 08 Jul 2020 11:18

Tgt Ion:252 Resp: 137342
 Ion Ratio Lower Upper
 252 100
 253 22.8 17.5 26.3
 125 8.9 7.5 11.3

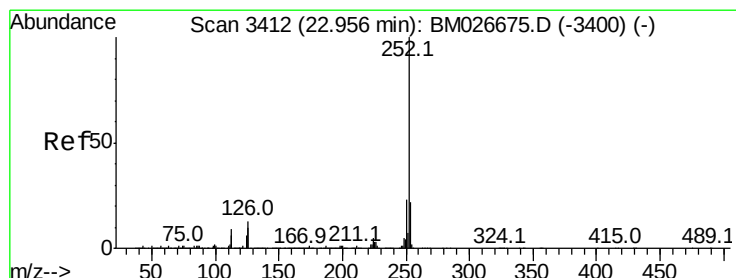
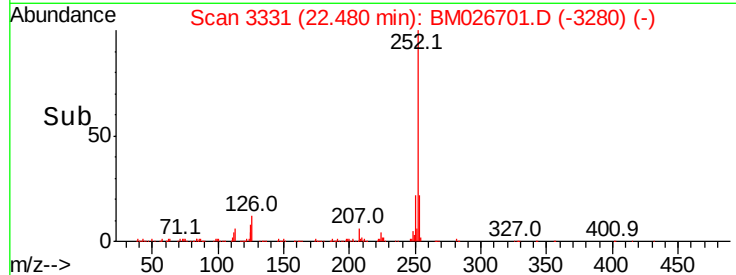
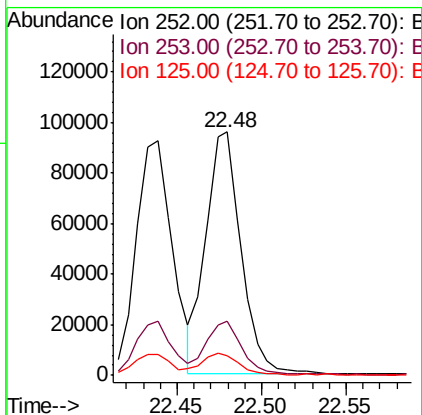
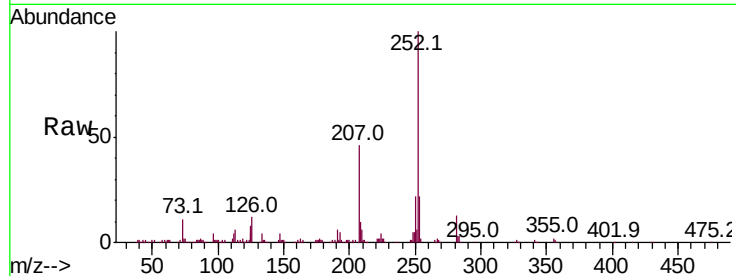




#89
Benzo(k)fluoranthene
Concen: 4.007 ng
RT: 22.48 min Scan# 3331
Delta R.T. 0.00 min
Lab File: BM026701.D
Acq: 08 Jul 2020 11:18

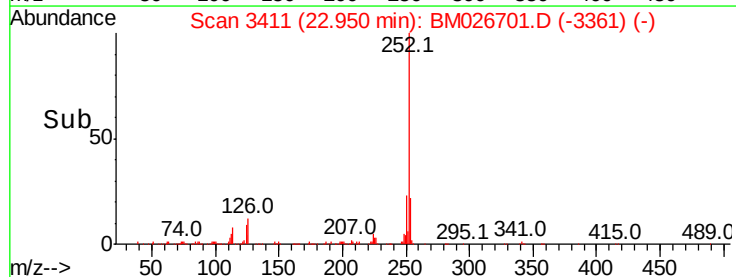
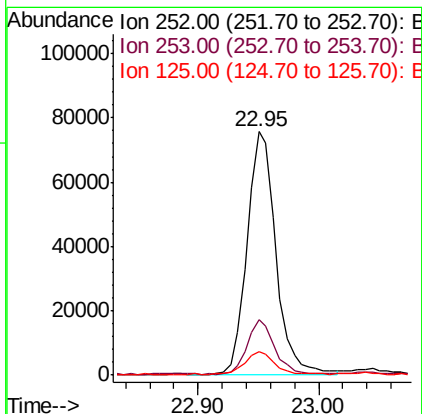
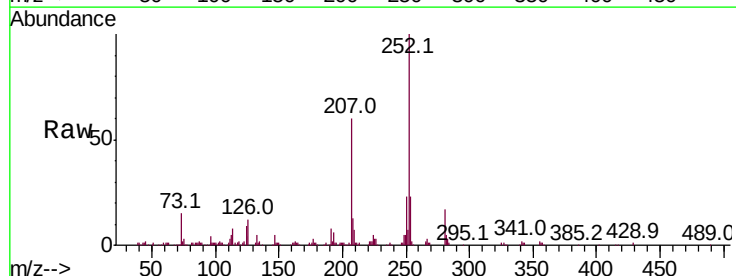
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT3-2020

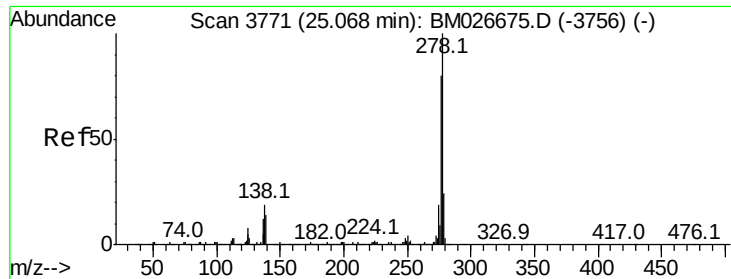
Tot Ion:252 Resp: 139076
Ion Ratio Lower Upper
252 100
253 22.1 17.5 26.3
125 8.1 7.8 11.8



#90
Benzo(a)pyrene
Concen: 3.865 ng
RT: 22.95 min Scan# 3411
Delta R.T. -0.01 min
Lab File: BM026701.D
Acq: 08 Jul 2020 11:18

Tgt Ion:252 Resp: 126973
Ion Ratio Lower Upper
252 100
253 22.6 17.4 26.2
125 9.5 8.2 12.4

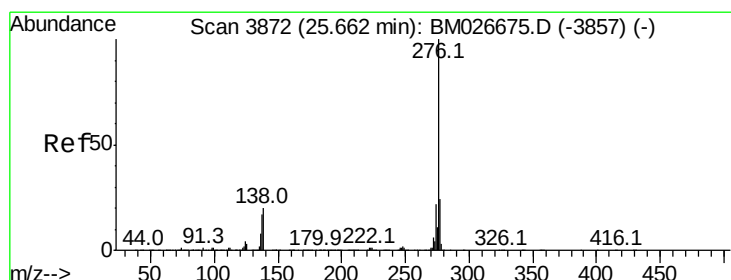
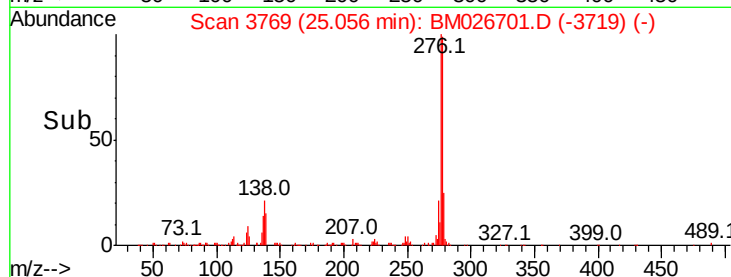
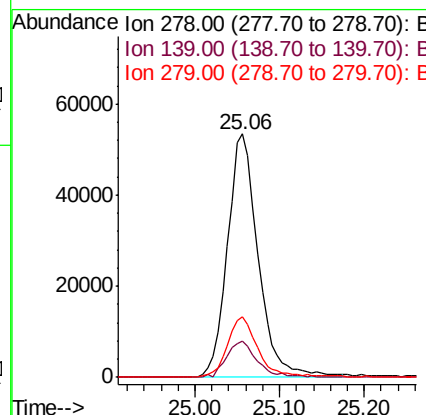
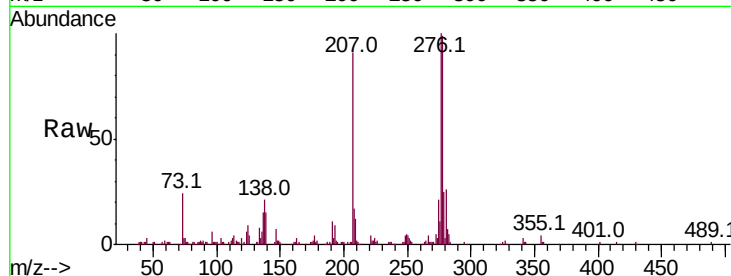




#91
Dibenzo(a,h)anthracene
Concen: 4.171 ng
RT: 25.06 min Scan# 3769
Delta R.T. -0.01 min
Lab File: BM026701.D
Acq: 08 Jul 2020 11:18

Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT3-2020

Tot Ion:278 Resp: 134628
Ion Ratio Lower Upper
278 100
139 14.8 11.2 16.8
279 24.8 19.0 28.4



#92
Benzo(g,h,i)perylene
Concen: 4.470 ng
RT: 25.66 min Scan# 3871
Delta R.T. -0.01 min
Lab File: BM026701.D
Acq: 08 Jul 2020 11:18

Tgt Ion:276 Resp: 132938
Ion Ratio Lower Upper
276 100
277 24.8 19.1 28.7
138 17.9 15.8 23.8

