

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061920\
 Data File : BM026465.D
 Acq On : 19 Jun 2020 11:48
 Operator : JU/CG
 Sample : L1161-01
 Misc : LOD-MDL-S-5PPM
 ALS Vial : 5 Sample Multiplier: 1

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

Quant Time: Jun 19 12:21:20 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM060520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 19 10:44:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	104509	20.00	ng	0.00
21) Naphthalene-d8	10.15	136	432050	20.00	ng	0.00
39) Acenaphthene-d10	14.04	164	300475	20.00	ng	0.00
64) Phenanthrene-d10	16.80	188	672018	20.00	ng	0.00
76) Chrysene-d12	21.01	240	637097	20.00	ng	0.00
86) Perylene-d12	23.10	264	589974	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.02	112	973235	164.65	ng	0.00
7) Phenol-d6	6.60	99	1409200	164.64	ng	0.00
23) Nitrobenzene-d5	8.54	82	1056939	120.11	ng	0.00
42) 2,4,6-Tribromophenol	15.55	330	725613	199.35	ng	0.00
45) 2-Fluorobiphenyl	12.66	172	2338665	118.15	ng	0.00
79) Terphenyl-d14	19.46	244	4018738	122.45	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.00	88	14499	5.441	ng	95
3) Pyridine	3.42	79	31439	4.016	ng	# 91
4) n-Nitrosodimethylamine	3.32	42	18721	4.830	ng	# 89
6) Aniline	6.74	93	53863	4.798	ng	98
8) 2-Chlorophenol	6.96	128	33493	4.912	ng	95
9) Benzaldehyde	6.55	77	32368	5.931	ng	97
10) Phenol	6.62	94	44633	4.896	ng	91
11) bis(2-Chloroethyl)ether	6.84	93	35513	4.837	ng	97
12) 1,3-Dichlorobenzene	7.27	146	36109	4.784	ng	97
13) 1,4-Dichlorobenzene	7.42	146	36139	4.700	ng	96
14) 1,2-Dichlorobenzene	7.73	146	35889	4.778	ng	99
15) Benzyl Alcohol	7.65	79	31015	4.267	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.92	45	68918	5.026	ng	99
17) 2-Methylphenol	7.85	107	27165	4.077	ng	95
18) Hexachloroethane	8.45	117	13772	4.730	ng	95
19) n-Nitroso-di-n-propylamine	8.20	70	32862	4.927	ng	95
20) 3+4-Methylphenols	8.18	107	36184	3.985	ng	96
22) Acetophenone	8.21	105	57515	5.177	ng	# 93
24) Nitrobenzene	8.57	77	51911	5.635	ng	100
25) Isophorone	9.10	82	84806	5.130	ng	98
26) 2-Nitrophenol	9.29	139	16018	4.394	ng	93
27) 2,4-Dimethylphenol	9.36	122	16619	2.888	ng	96
28) bis(2-Chloroethoxy)methane	9.59	93	48394	5.160	ng	100
29) 2,4-Dichlorophenol	9.82	162	27888	4.417	ng	98
30) 1,2,4-Trichlorobenzene	10.02	180	35577	5.138	ng	98
31) Naphthalene	10.20	128	112477	5.166	ng	99
32) Benzoic acid	9.46	122	3617	0.846	ng	89
33) 4-Chloroaniline	10.33	127	39686	4.179	ng	95
34) Hexachlorobutadiene	10.49	225	23062	5.276	ng	91
35) Caprolactam	11.10	113	10668	4.809	ng	94
36) 4-Chloro-3-methylphenol	11.47	107	37227	4.838	ng	99
37) 2-Methylnaphthalene	11.82	142	83910	5.408	ng	98
38) 1-Methylnaphthalene	12.04	142	80007	5.444	ng	96
40) 1,2,4,5-Tetrachlorobenzene	12.20	216	44559	5.210	ng	97

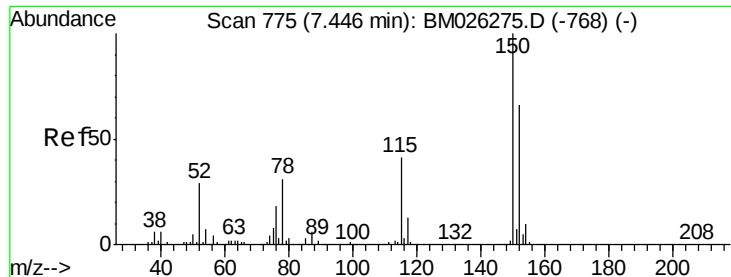
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061920\
 Data File : BM026465.D
 Acq On : 19 Jun 2020 11:48
 Operator : JU/CG
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 19 10:44:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.19	237	9703	1.925	ng	86
43) 2,4,6-Trichlorophenol	12.46	196	24662	4.260	ng	93
44) 2,4,5-Trichlorophenol	12.54	196	28373	4.222	ng	97
46) 1,1'-Biphenyl	12.87	154	117564	5.581	ng	98
47) 2-Chloronaphthalene	12.90	162	84473	4.937	ng	98
48) 2-Nitroaniline	13.13	65	27388	4.039	ng	91
49) Acenaphthylene	13.76	152	136572	4.990	ng	98
50) Dimethylphthalate	13.52	163	111954	5.094	ng	98
51) 2,6-Dinitrotoluene	13.63	165	22771	4.722	ng	94
52) Acenaphthene	14.11	154	83062	5.056	ng	97
53) 3-Nitroaniline	13.97	138	18983	3.535	ng	91
54) 2,4-Dinitrophenol	14.20	184	5553	1.895	ng	# 89
55) Dibenzofuran	14.45	168	136110	5.142	ng	99
56) 4-Nitrophenol	14.32	139	10955	2.572	ng	# 87
57) 2,4-Dinitrotoluene	14.44	165	28834	4.300	ng	# 76
58) Fluorene	15.10	166	107170	4.984	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.69	232	26253	4.567	ng	97
60) Diethylphthalate	14.90	149	112623	5.031	ng	98
61) 4-Chlorophenyl-phenylether	15.11	204	56904	4.989	ng	98
62) 4-Nitroaniline	15.14	138	12864	2.246	ng	91
63) Azobenzene	15.40	77	123789	5.054	ng	98
65) 4,6-Dinitro-2-methylphenol	15.22	198	12865	3.148	ng	81
66) n-Nitrosodiphenylamine	15.33	169	94009	4.829	ng	99
67) 4-Bromophenyl-phenylether	16.00	248	34582	4.675	ng	97
68) Hexachlorobenzene	16.12	284	39207	5.079	ng	96
69) Atrazine	16.29	200	36584	6.290	ng	98
70) Pentachlorophenol	16.47	266	14160	3.046	ng	98
71) Phenanthrene	16.84	178	179528	5.130	ng	98
72) Anthracene	16.93	178	172417	4.937	ng	100
73) Carbazole	17.22	167	147388	4.450	ng	97
74) Di-n-butylphthalate	17.80	149	180051	4.610	ng	99
75) Fluoranthene	18.87	202	206927	5.157	ng	98
77) Benzidine	19.07	184	56405	4.262	ng	99
78) Pyrene	19.23	202	215393	5.117	ng	99
80) Butylbenzylphthalate	20.17	149	78027	4.584	ng	98
81) Benzo(a)anthracene	21.00	228	205738	5.380	ng	98
82) 3,3'-Dichlorobenzidine	20.94	252	70141	5.928	ng	97
83) Chrysene	21.05	228	201961	5.542	ng	98
84) Bis(2-ethylhexyl)phthalate	20.96	149	117345	4.835	ng	100
85) Di-n-octyl phthalate	21.81	149	182067	4.862	ng	96
87) Indeno(1,2,3-cd)pyrene	25.14	276	156530	4.587	ng	99
88) Benzo(b)fluoranthene	22.49	252	170370	4.800	ng	99
89) Benzo(k)fluoranthene	22.53	252	184464	5.350	ng	98
90) Benzo(a)pyrene	23.01	252	148955	4.726	ng	98
91) Dibenzo(a,h)anthracene	25.15	278	134914	4.735	ng	99
92) Benzo(g,h,i)perylene	25.76	276	132797	4.898	ng	99

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

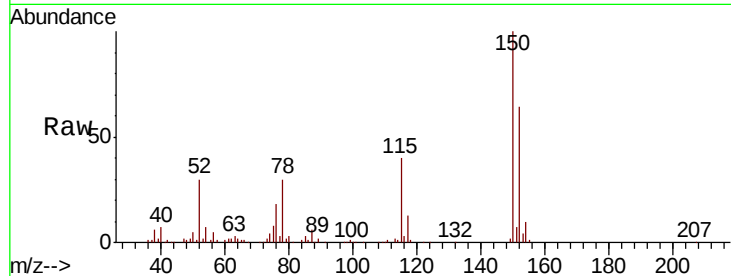


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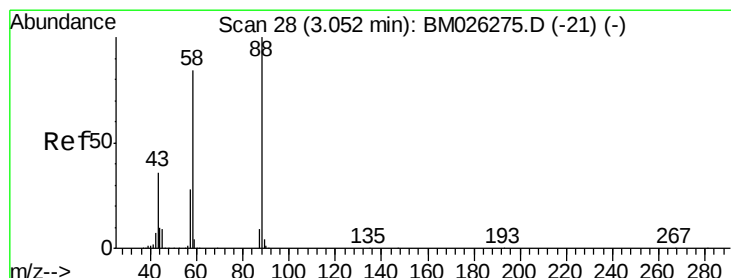
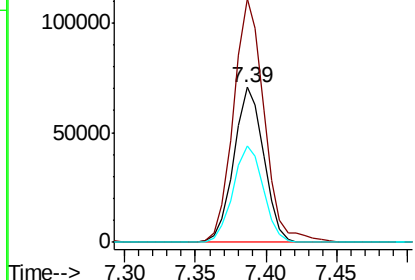
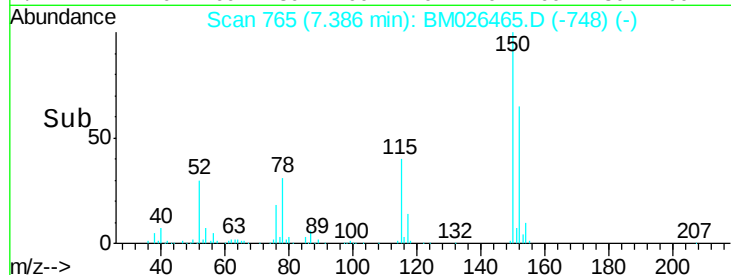
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.39 min Scan# 765
Delta R.T. -0.00 min
Lab File: BM026465.D
Acq: 19 Jun 2020 11:48

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.3	127.8	191.6
115	62.1	51.5	77.3



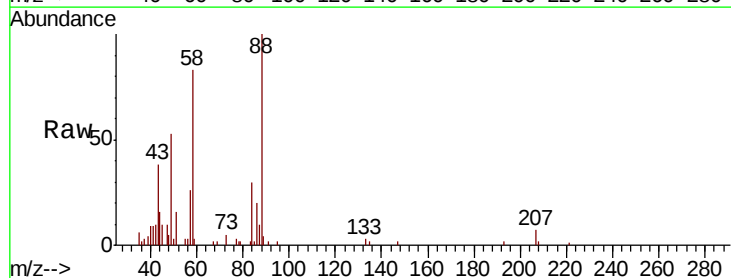
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



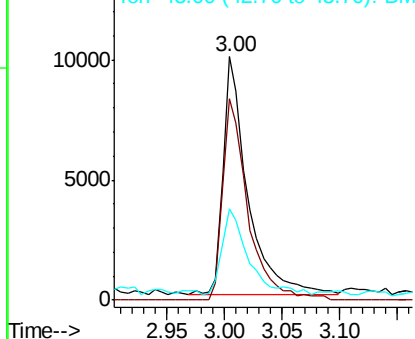
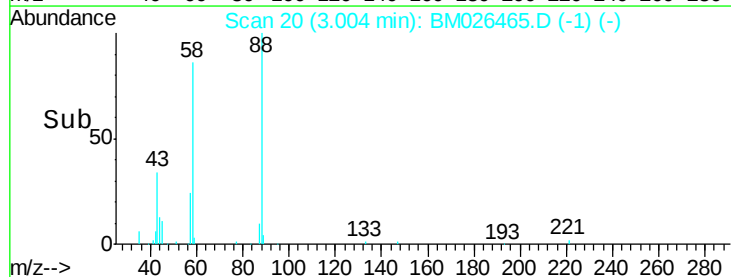
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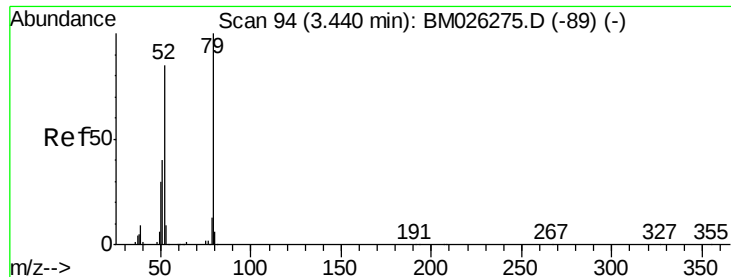
1,4-Dioxane
Concen: 5.441 ng
RT: 3.00 min Scan# 20
Delta R.T. -0.00 min
Lab File: BM026465.D
Acq: 19 Jun 2020 11:48

Tgt Ion	Ratio	Lower	Upper
88	100		
58	87.9	67.7	101.5
43	39.8	28.0	42.0



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

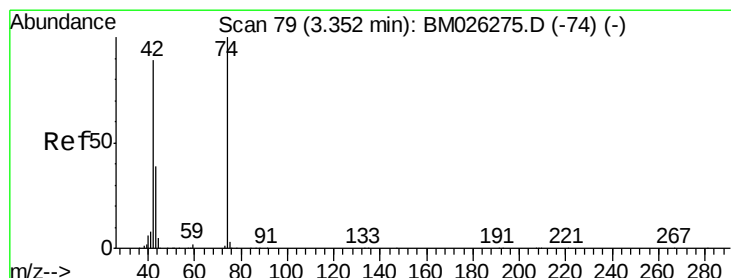
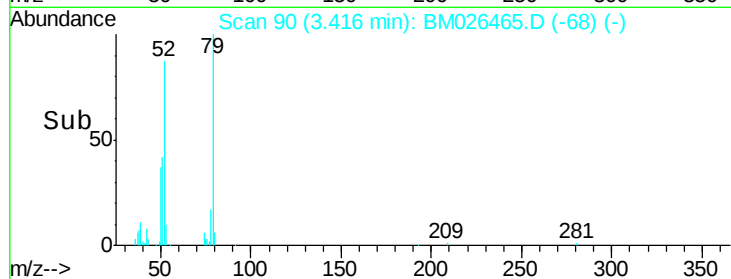
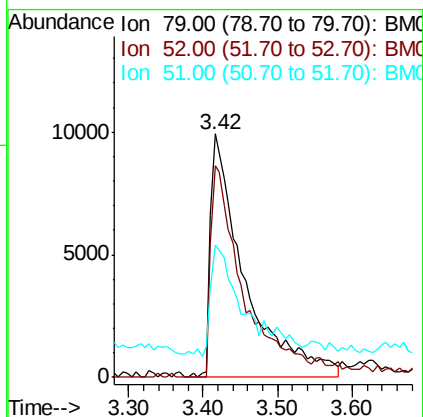
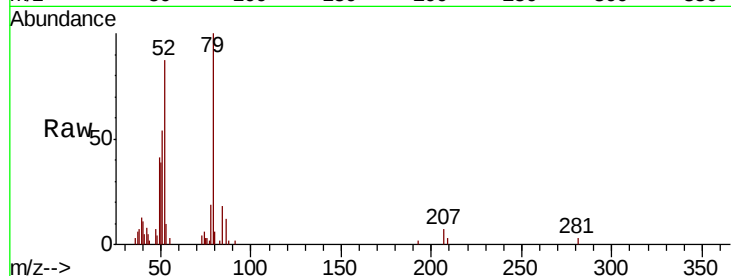




#3
 Pvridine
 Concen: 4.016 ng
 RT: 3.42 min Scan# 90
 Delta R.T. 0.03 min
 Lab File: BM026465.D
 Acq: 19 Jun 2020 11:48

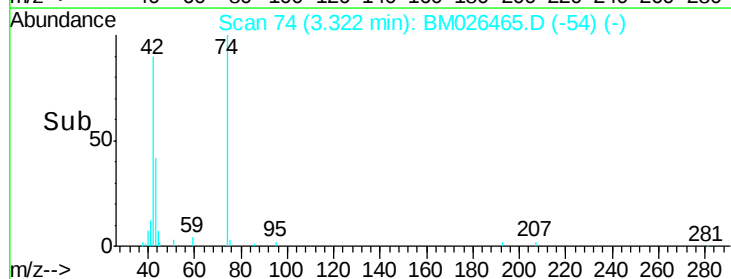
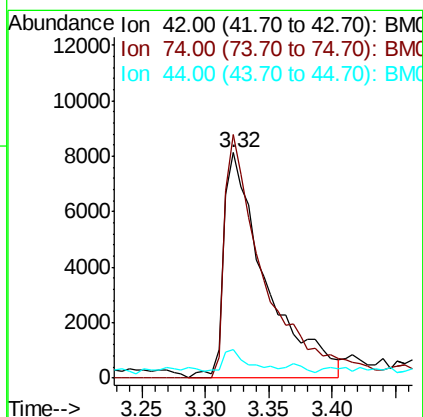
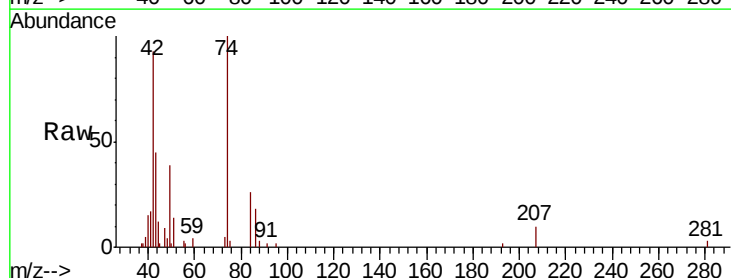
Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2020

Tot Ion: 79 Resp: 31439
 Ion Ratio Lower Upper
 79 100
 52 87.1 67.4 101.2
 51 54.4 33.0 49.6#



#4
 n-Nitrosodimethylamine
 Concen: 4.830 ng
 RT: 3.32 min Scan# 74
 Delta R.T. 0.02 min
 Lab File: BM026465.D
 Acq: 19 Jun 2020 11:48

Tgt Ion: 42 Resp: 18721
 Ion Ratio Lower Upper
 42 100
 74 107.9 95.4 143.2
 44 12.6 5.9 8.9#





#5

2-Fluorophenol

Concen: 164.648 ng

RT: 5.02 min Scan# 363

Delta R.T. -0.00 min

Lab File: BM026465.D

Acq: 19 Jun 2020 11:48

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2020

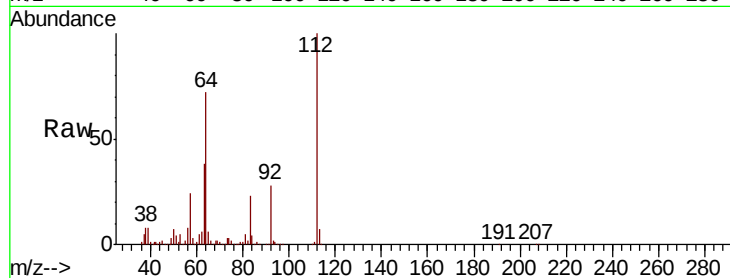
Tot Ion:112 Resp: 973235

Ion Ratio Lower Upper

112 100

64 72.0 56.0 84.0

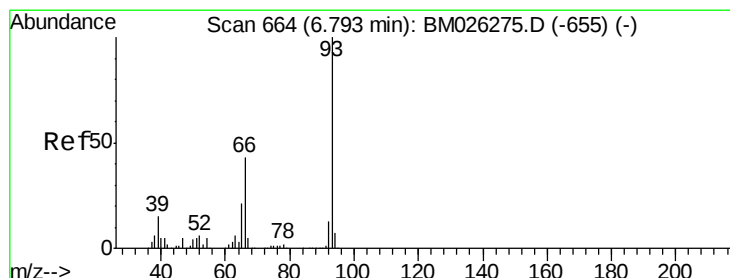
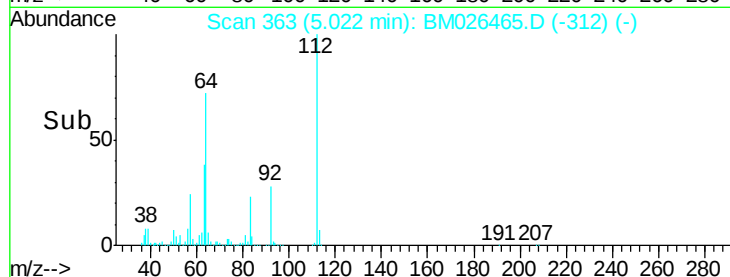
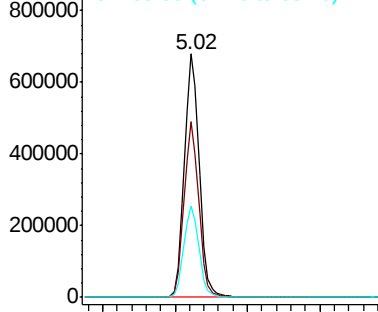
63 37.5 29.0 43.6



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: 4.798 ng

RT: 6.74 min Scan# 655

Delta R.T. 0.01 min

Lab File: BM026465.D

Acq: 19 Jun 2020 11:48

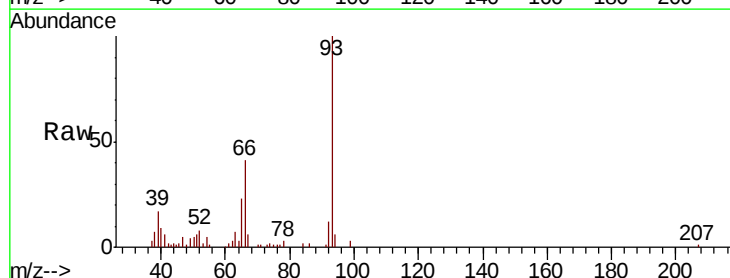
Tgt Ion: 93 Resp: 53863

Ion Ratio Lower Upper

93 100

66 41.1 34.1 51.1

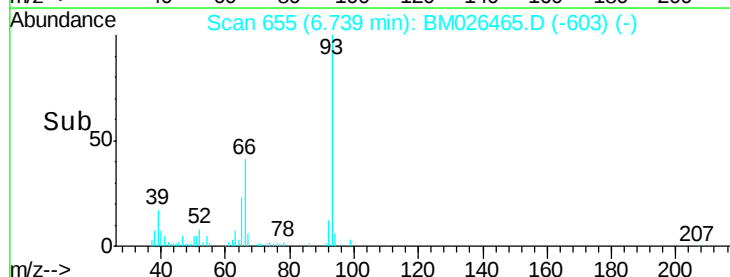
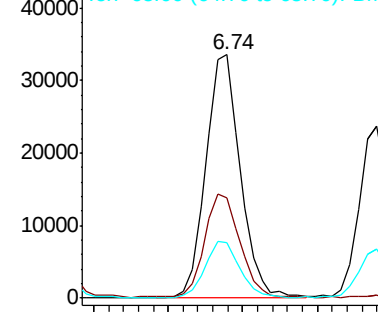
65 22.8 17.5 26.3



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: 164.636 ng

RT: 6.60 min Scan# 631

Delta R.T. -0.00 min

Lab File: BM026465.D

Acq: 19 Jun 2020 11:48

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2020

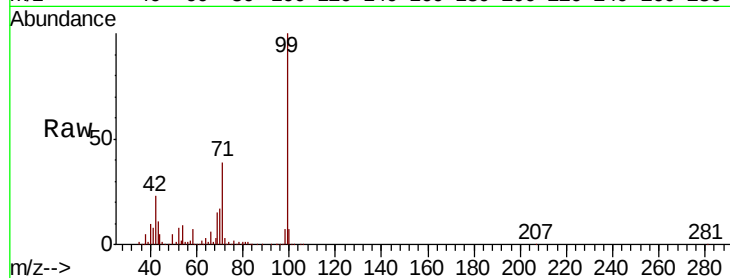
Tot Ion: 99 Resp: 1409200

Ion Ratio Lower Upper

99 100

42 23.1 17.8 26.6

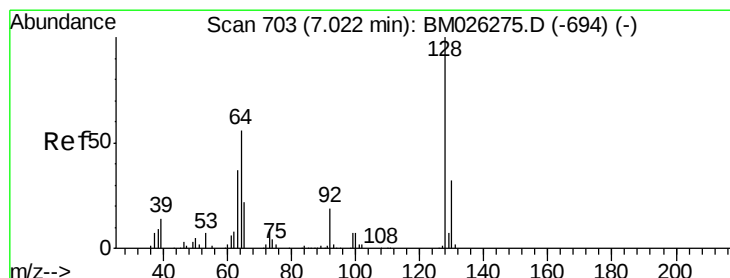
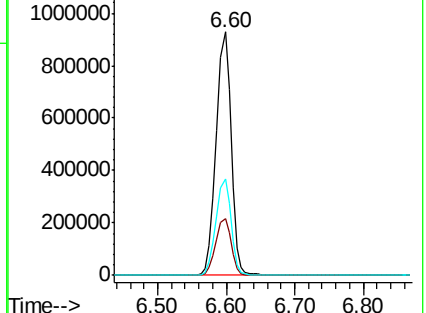
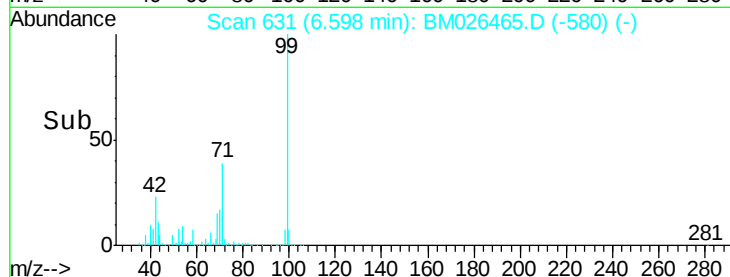
71 39.4 31.0 46.4



Abundance Ion 99.00 (98.70 to 99.70): BM026275.D (-631) (-)

Ion 42.00 (41.70 to 42.70): BM026275.D (-631) (-)

Ion 71.00 (70.70 to 71.70): BM026275.D (-631) (-)



#8

2-Chlorophenol

Concen: 4.912 ng

RT: 6.96 min Scan# 693

Delta R.T. -0.00 min

Lab File: BM026465.D

Acq: 19 Jun 2020 11:48

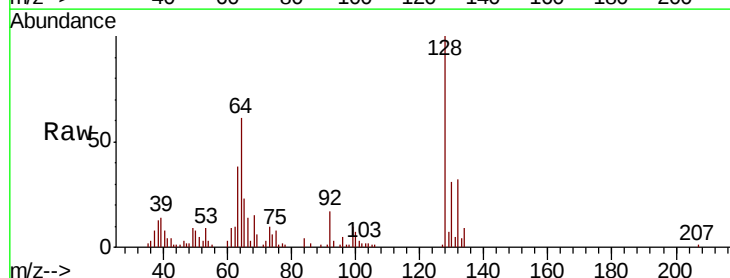
Tgt Ion:128 Resp: 33493

Ion Ratio Lower Upper

128 100

130 31.3 12.3 52.3

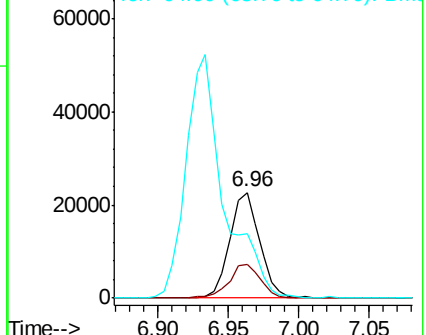
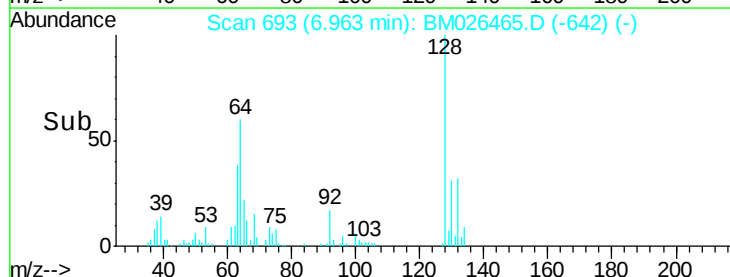
64 61.0 36.4 76.4

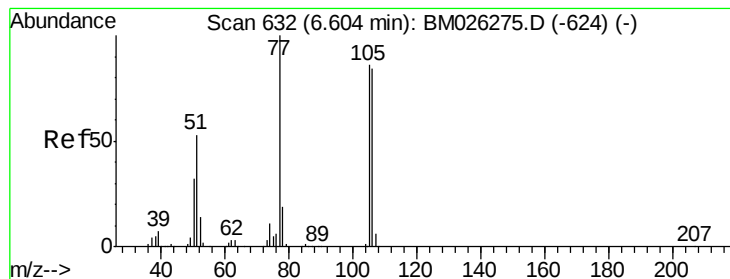


Abundance Ion 128.00 (127.70 to 128.70): BM026275.D (-694) (-)

Ion 130.00 (129.70 to 130.70): BM026275.D (-694) (-)

Ion 64.00 (63.70 to 64.70): BM026275.D (-694) (-)





#9

Benzaldehyde

Concen: 5.931 ng

RT: 6.55 min Scan# 623

Delta R.T. 0.01 min

Lab File: BM026465.D

Acq: 19 Jun 2020 11:48

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2020

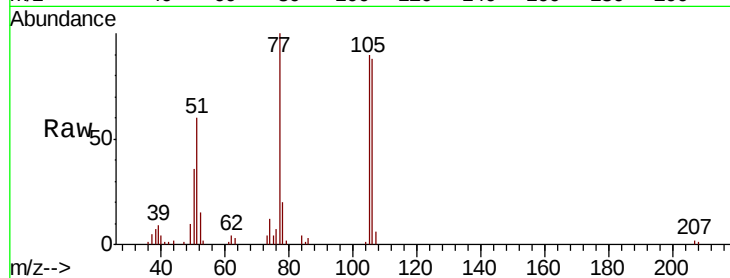
Tot Ion: 77 Resp: 32368

Ion Ratio Lower Upper

77 100

105 89.7 71.5 111.5

106 88.2 64.7 104.7



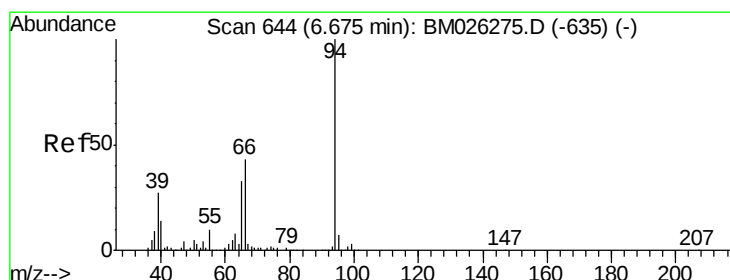
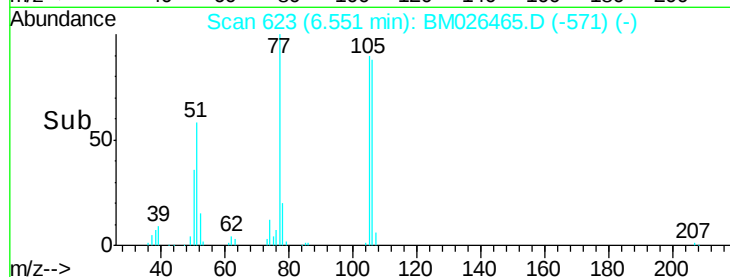
Abundance Ion 77.00 (76.70 to 77.70): BM026465.D (-571) (-)

Ion 105.00 (104.70 to 105.70): BM026465.D (-571) (-)

Ion 106.00 (105.70 to 106.70): BM026465.D (-571) (-)

6.55

Time-->



#10

Phenol

Concen: 4.896 ng

RT: 6.62 min Scan# 635

Delta R.T. -0.00 min

Lab File: BM026465.D

Acq: 19 Jun 2020 11:48

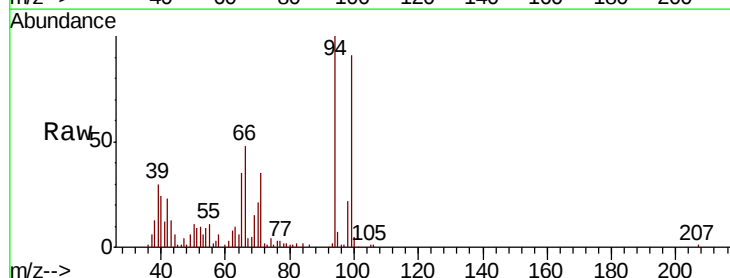
Tgt Ion: 94 Resp: 44633

Ion Ratio Lower Upper

94 100

65 35.1 11.4 51.4

66 48.5 21.7 61.7



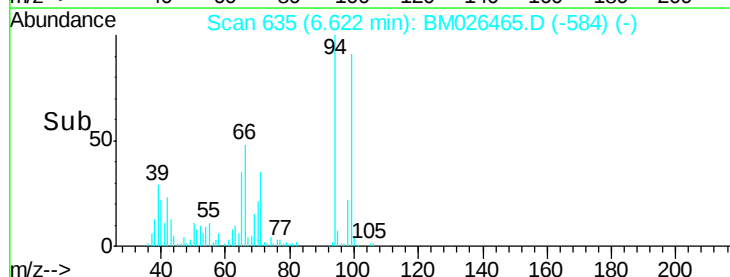
Abundance Ion 94.00 (93.70 to 94.70): BM026465.D (-584) (-)

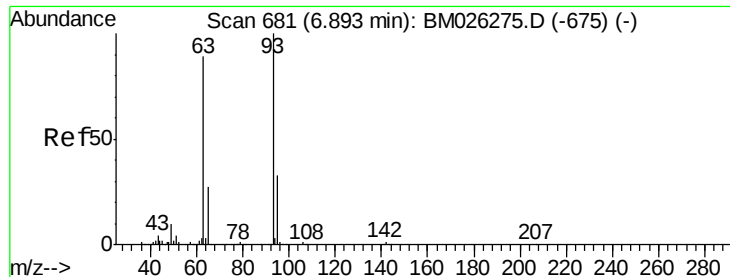
Ion 65.00 (64.70 to 65.70): BM026465.D (-584) (-)

Ion 66.00 (65.70 to 66.70): BM026465.D (-584) (-)

6.62

Time-->





#11

bis(2-Chloroethyl)ether

Concen: 4.837 ng

RT: 6.84 min Scan# 672

Delta R.T. -0.00 min

Lab File: BM026465.D

Acq: 19 Jun 2020 11:48

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2020

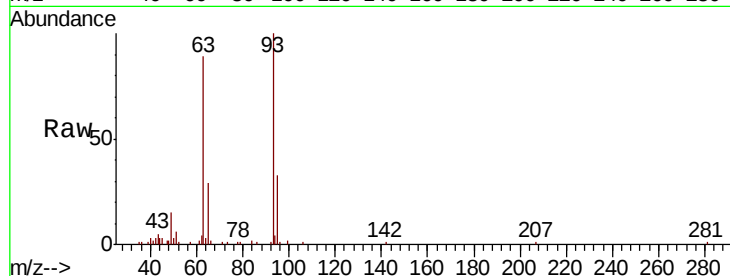
Tot Ion: 93 Resp: 35513

Ion Ratio Lower Upper

93 100

63 89.5 66.7 106.7

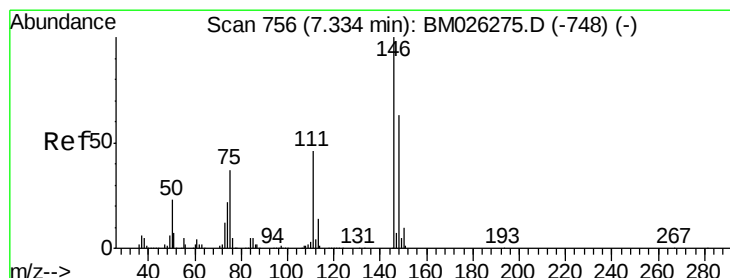
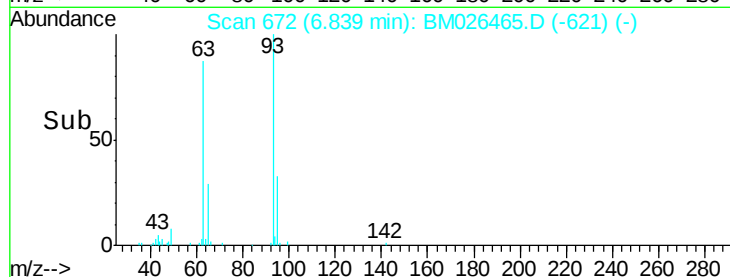
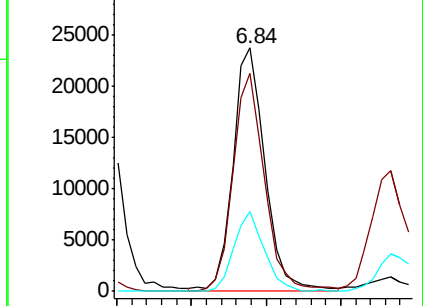
95 32.7 14.5 54.5



Abundance Ion 93.00 (92.70 to 93.70): BM026465.D (-621) (-)

Ion 63.00 (62.70 to 63.70): BM026465.D (-621) (-)

Ion 95.00 (94.70 to 95.70): BM026465.D (-621) (-)



#12

1,3-Dichlorobenzene

Concen: 4.784 ng

RT: 7.27 min Scan# 746

Delta R.T. -0.00 min

Lab File: BM026465.D

Acq: 19 Jun 2020 11:48

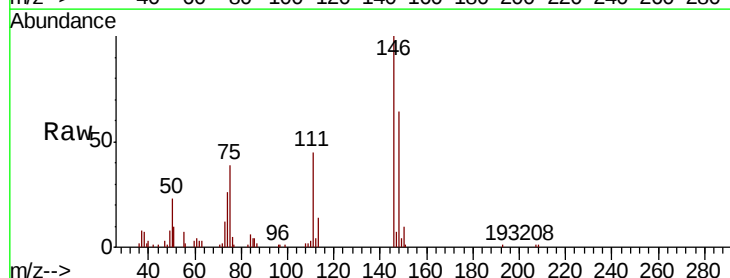
Tgt Ion: 146 Resp: 36109

Ion Ratio Lower Upper

146 100

148 64.1 50.3 75.5

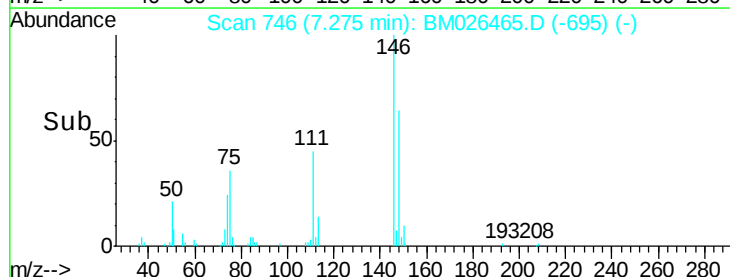
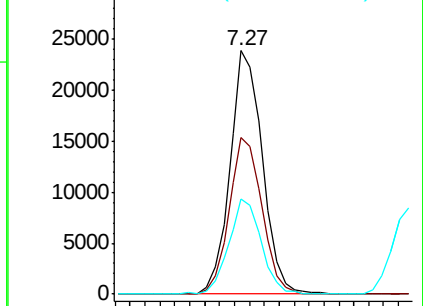
75 38.9 29.0 43.6

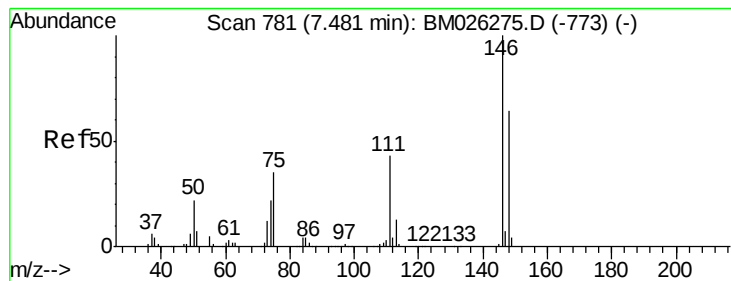


Abundance Ion 146.00 (145.70 to 146.70): BM026465.D (-695) (-)

Ion 148.00 (147.70 to 148.70): BM026465.D (-695) (-)

Ion 75.00 (74.70 to 75.70): BM026465.D (-695) (-)





#13

1,4-Dichlorobenzene

Concen: 4.700 ng

RT: 7.42 min Scan# 771

Delta R.T. -0.00 min

Lab File: BM026465.D

Acq: 19 Jun 2020 11:48

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2020

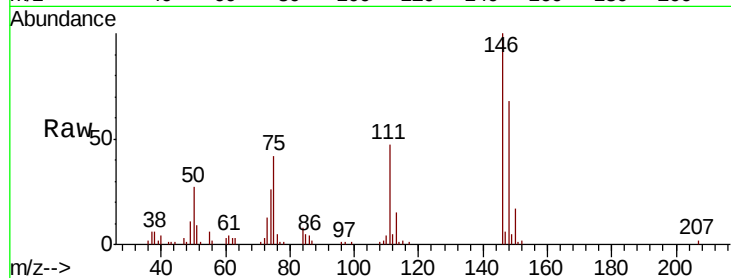
Tot Ion:146 Resp: 36139

Ion Ratio Lower Upper

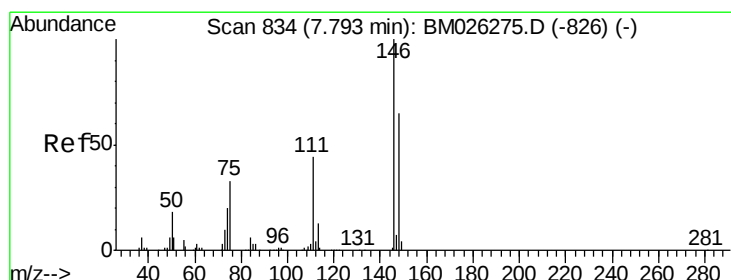
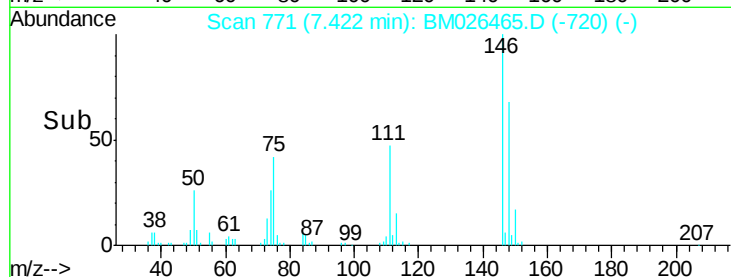
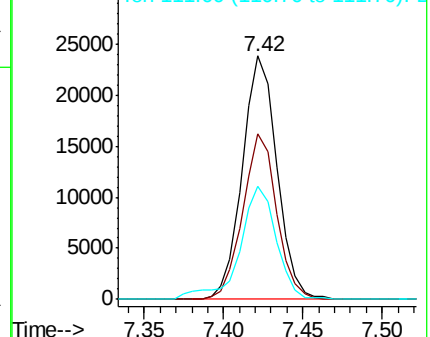
146 100

148 68.3 52.2 78.2

111 46.5 34.9 52.3



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 4.778 ng

RT: 7.73 min Scan# 824

Delta R.T. -0.00 min

Lab File: BM026465.D

Acq: 19 Jun 2020 11:48

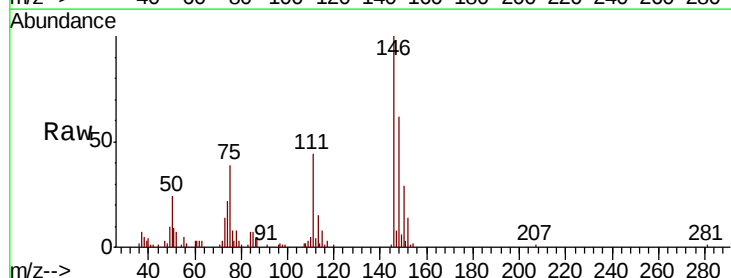
Tgt Ion:146 Resp: 35889

Ion Ratio Lower Upper

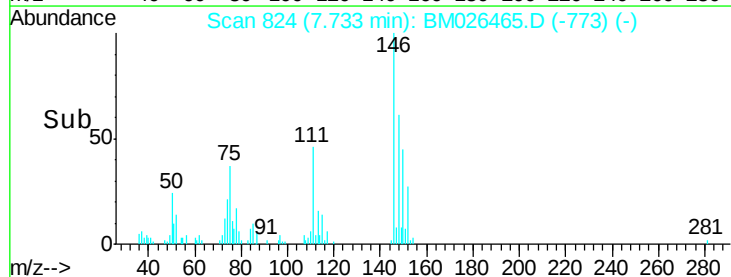
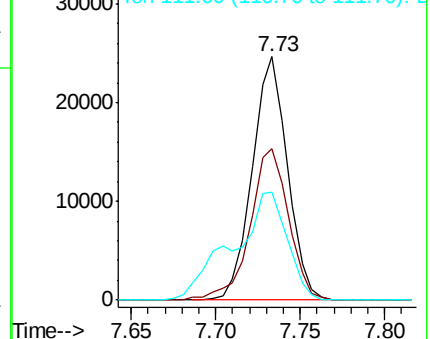
146 100

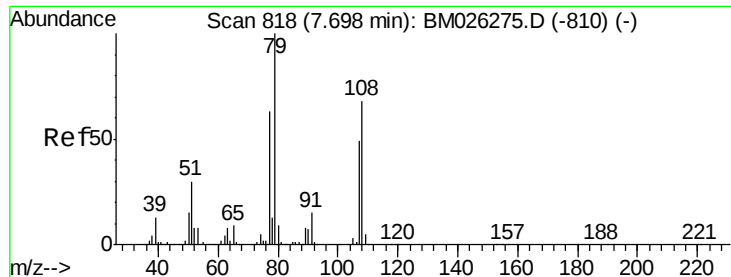
148 62.4 50.8 76.2

111 44.5 35.4 53.0



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 4.267 ng

RT: 7.65 min Scan# 809

Delta R.T. 0.01 min

Lab File: BM026465.D

Acq: 19 Jun 2020 11:48

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2020

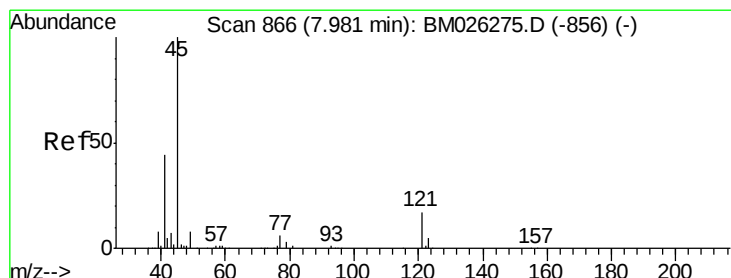
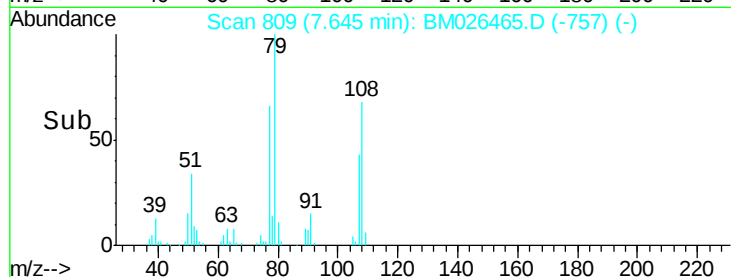
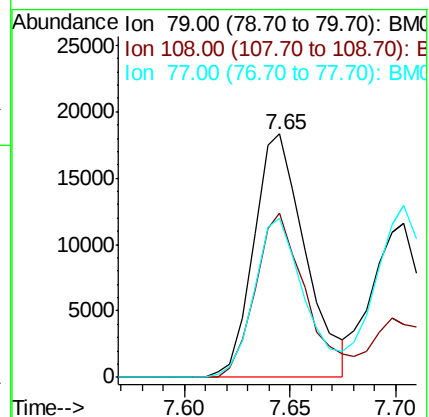
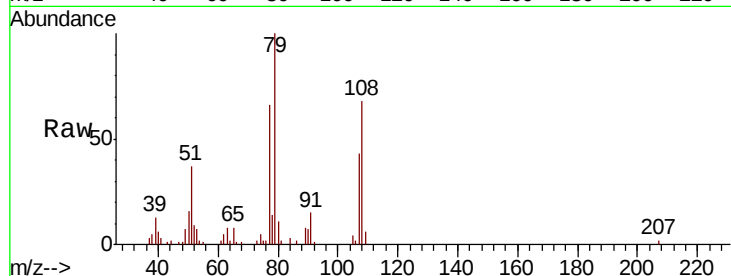
Tot Ion: 79 Resp: 31015

Ion Ratio Lower Upper

79 100

108 67.6 54.6 82.0

77 65.6 51.0 76.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 5.026 ng

RT: 7.92 min Scan# 856

Delta R.T. -0.00 min

Lab File: BM026465.D

Acq: 19 Jun 2020 11:48

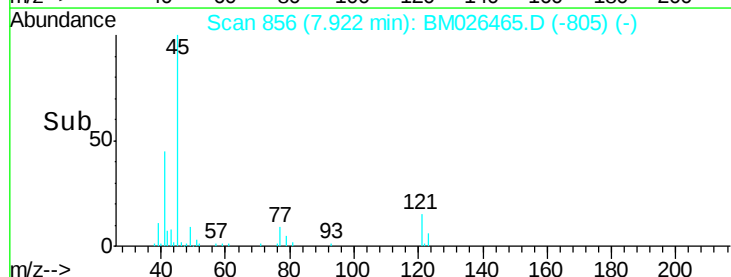
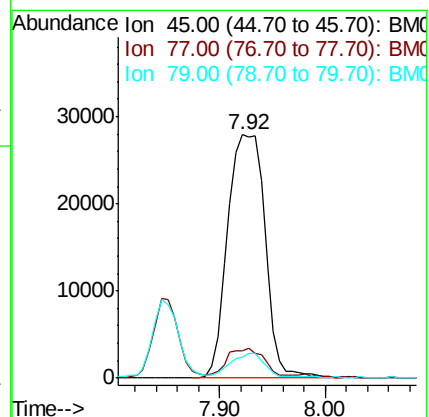
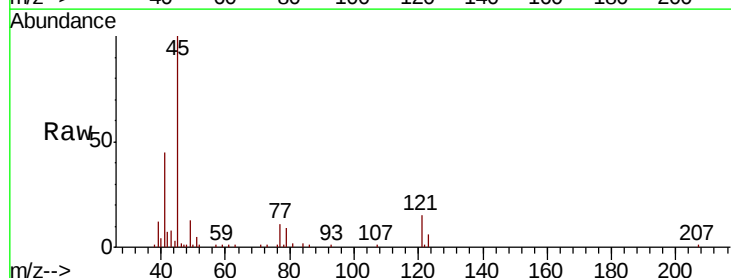
Tgt Ion: 45 Resp: 68918

Ion Ratio Lower Upper

45 100

77 11.5 0.0 31.8

79 8.8 0.0 28.9

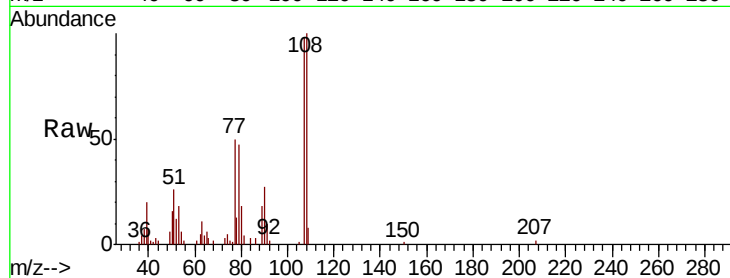




#17
2-Methylphenol
Concen: 4.077 ng
RT: 7.85 min Scan# 844
Delta R.T. 0.01 min
Lab File: BM026465.D
Acq: 19 Jun 2020 11:48

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

Tot Ion:	107	Resp:	27165
Ion	Ratio	Lower	Upper
107	100		
108	102.5	88.5	132.7
77	51.0	40.6	60.8
79	48.2	39.6	59.4



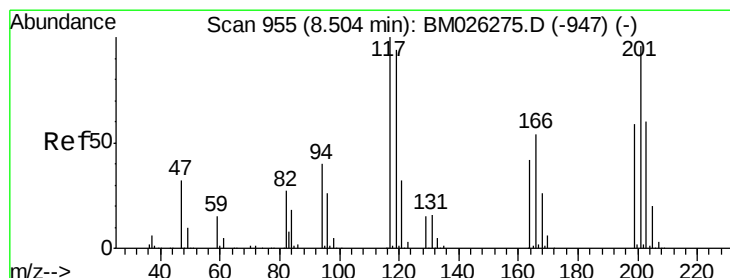
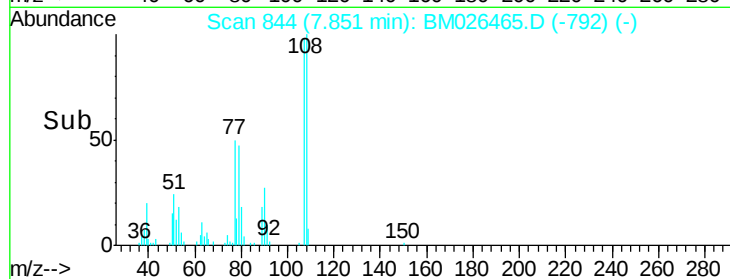
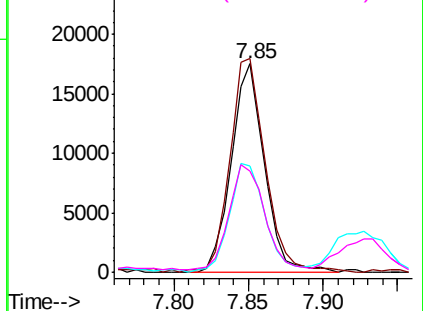
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

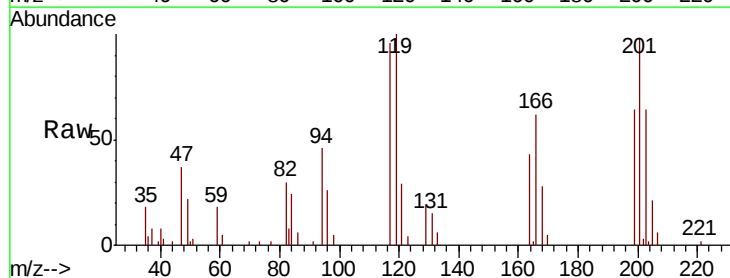
Ion 77.00 (76.70 to 77.70): BM

Ion 79.00 (78.70 to 79.70): BM



#18
Hexachloroethane
Concen: 4.730 ng
RT: 8.45 min Scan# 945
Delta R.T. 0.01 min
Lab File: BM026465.D
Acq: 19 Jun 2020 11:48

Tgt Ion:	117	Resp:	13772
Ion	Ratio	Lower	Upper
117	100		
119	104.1	77.8	116.6
201	102.3	79.9	119.9

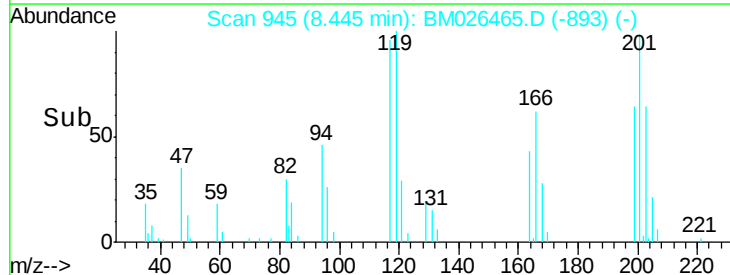
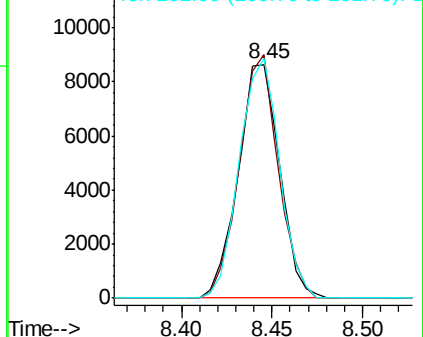


Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

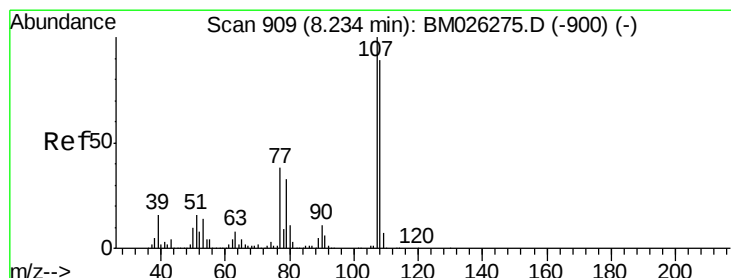
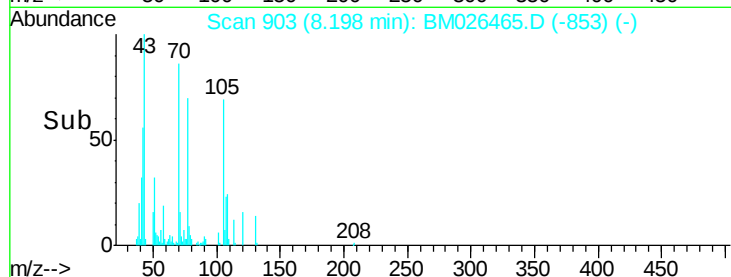
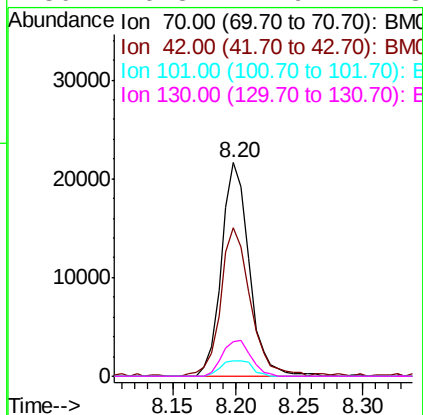
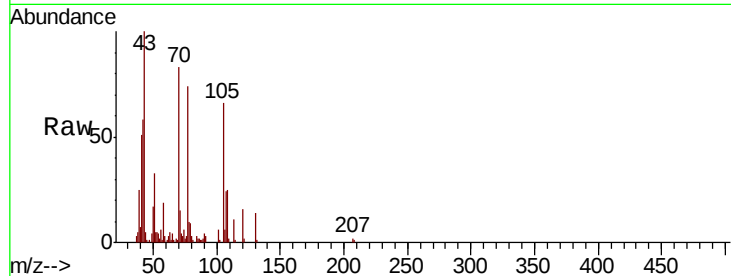




#19
n-Nitroso-di-n-propylamine
Concen: 4.927 ng
RT: 8.20 min Scan# 903
Delta R.T. -0.01 min
Lab File: BM026465.D
Acq: 19 Jun 2020 11:48

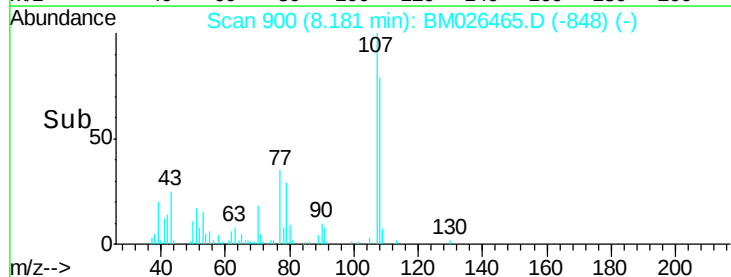
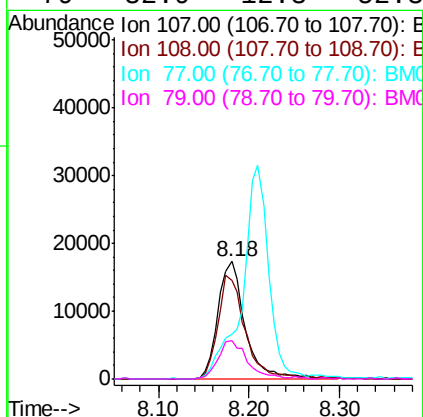
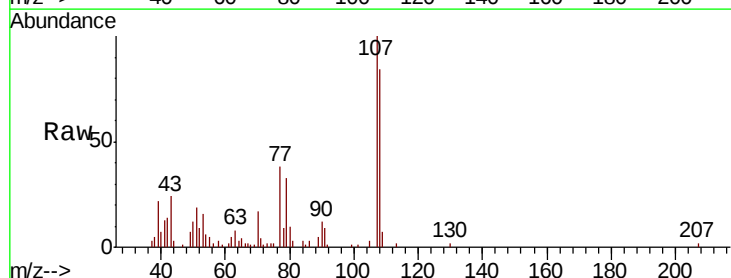
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2020

Tot Ion:	70	Resp:	32862
Ion	Ratio	Lower	Upper
70	100		
42	69.6	52.2	78.4
101	7.5	7.0	10.6
130	16.3	14.9	22.3



#20
3+4-Methylphenols
Concen: 3.985 ng
RT: 8.18 min Scan# 900
Delta R.T. 0.01 min
Lab File: BM026465.D
Acq: 19 Jun 2020 11:48

Tgt Ion:	107	Resp:	36184
Ion	Ratio	Lower	Upper
107	100		
108	83.6	70.4	110.4
77	37.7	17.3	57.3
79	32.9	12.3	52.3

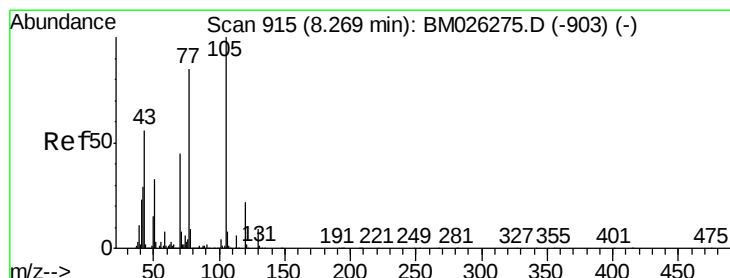
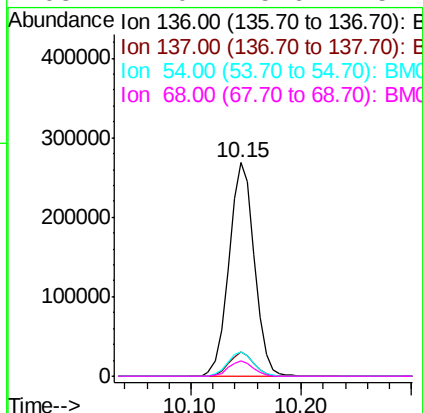
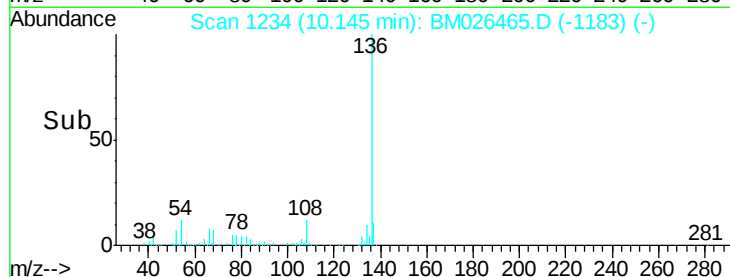
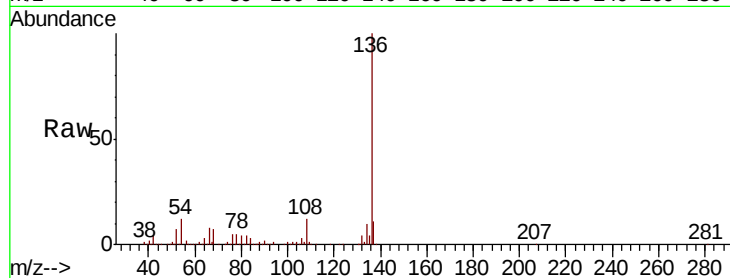




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.15 min Scan# 1234
Delta R.T. -0.00 min
Lab File: BM026465.D
Acq: 19 Jun 2020 11:48

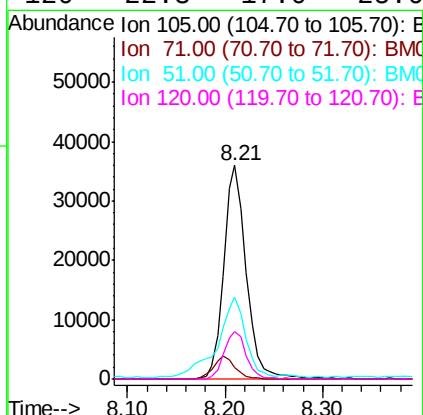
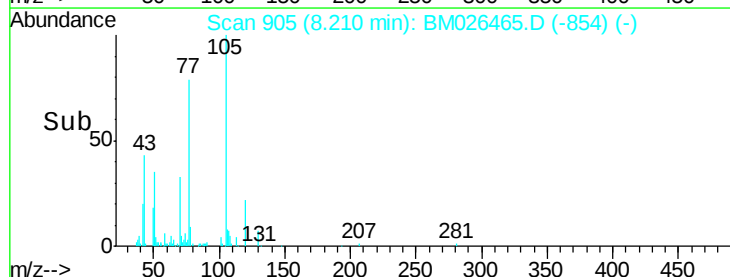
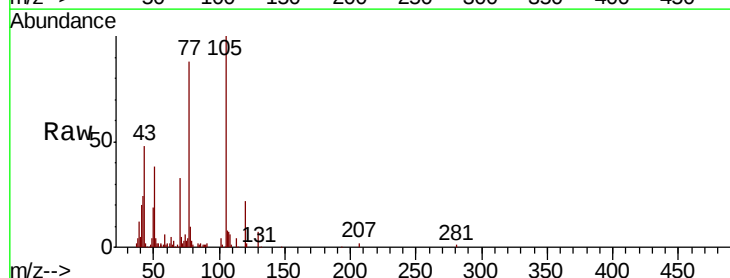
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2020

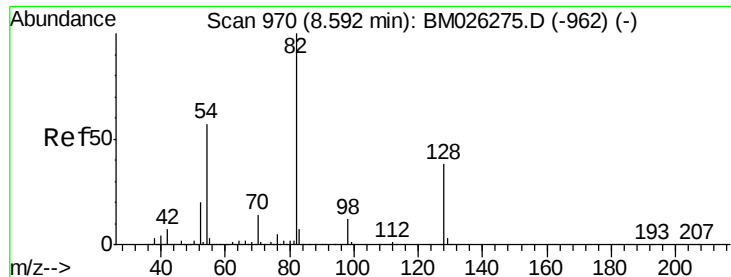
Tot Ion:136	Resp:	432050	
Ion Ratio	Lower	Upper	
136 100			
137 11.5	8.5	12.7	
54 11.6	9.0	13.6	
68 7.0	5.6	8.4	



#22
Acetophenone
Concen: 5.177 ng
RT: 8.21 min Scan# 905
Delta R.T. -0.00 min
Lab File: BM026465.D
Acq: 19 Jun 2020 11:48

Tgt	Ion:105	Resp:	57515
Ion	Ratio	Lower	Upper
105	100		
71	5.2	4.5	6.7
51	38.2	25.2	37.8#
120	22.3	17.0	25.6

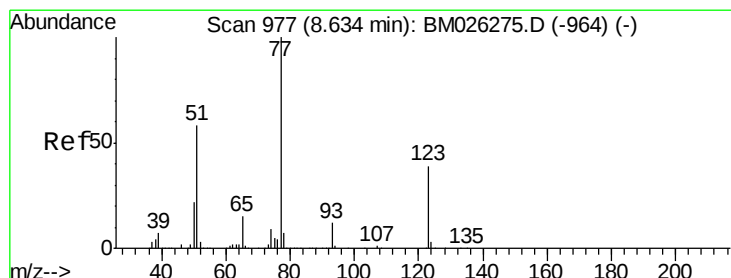
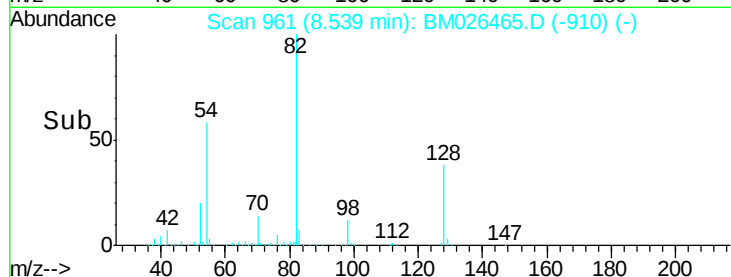
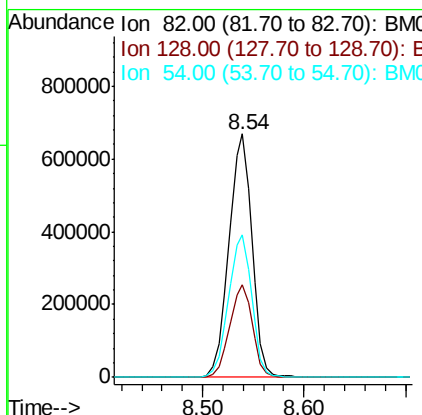
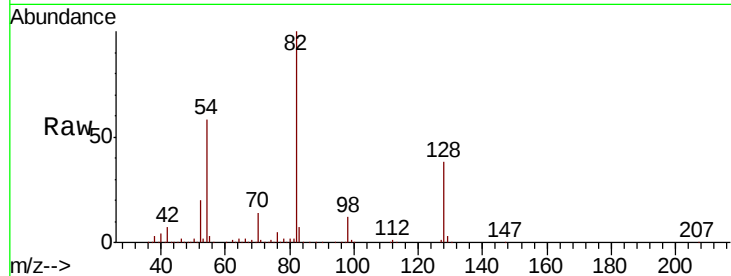




#23
 Nitrobenzene-d5
 Concen: 120.114 ng
 RT: 8.54 min Scan# 961
 Delta R.T. -0.00 min
 Lab File: BM026465.D
 Acq: 19 Jun 2020 11:48

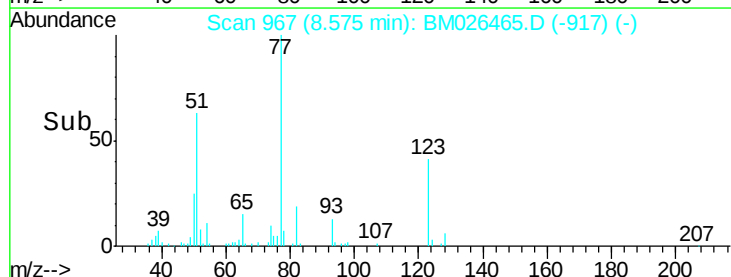
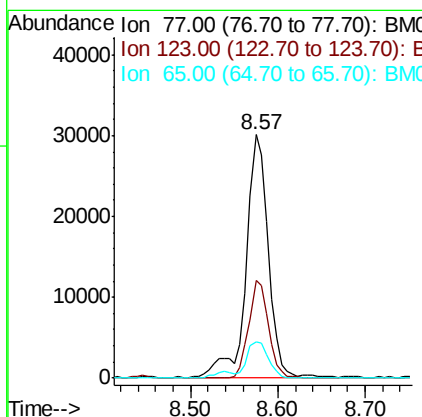
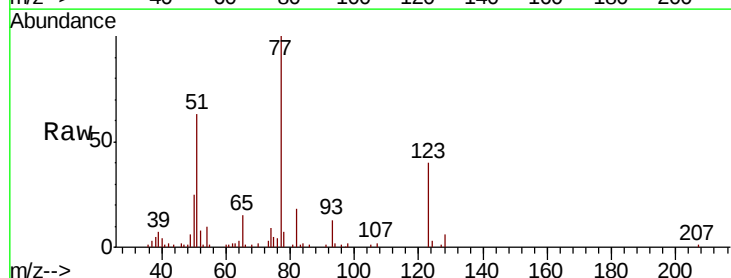
Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2020

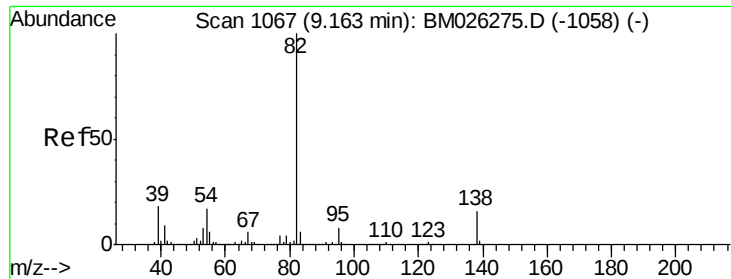
Tot Ion: 82 Resp: 1056939
 Ion Ratio Lower Upper
 82 100
 128 38.3 31.0 46.6
 54 58.3 45.4 68.2



#24
 Nitrobenzene
 Concen: 5.635 ng
 RT: 8.57 min Scan# 967
 Delta R.T. -0.01 min
 Lab File: BM026465.D
 Acq: 19 Jun 2020 11:48

Tgt Ion: 77 Resp: 51911
 Ion Ratio Lower Upper
 77 100
 123 39.9 32.0 48.0
 65 15.0 11.8 17.8

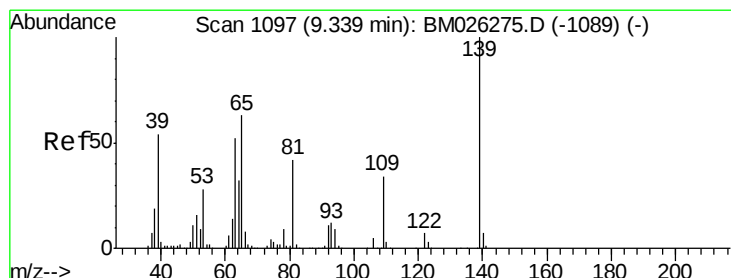
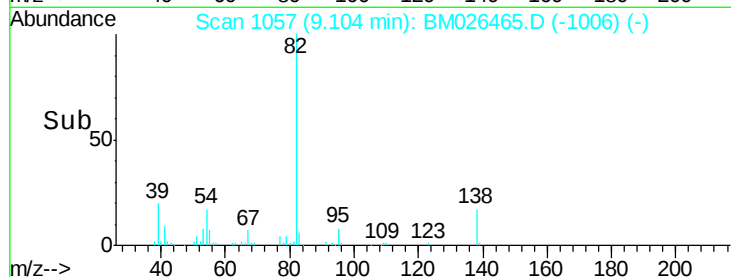
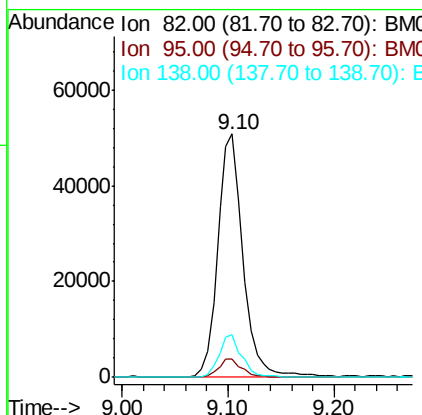
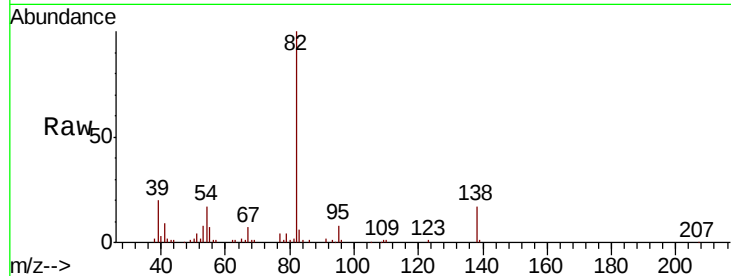




#25
Isophorone
Concen: 5.130 ng
RT: 9.10 min Scan# 1057
Delta R.T. -0.00 min
Lab File: BM026465.D
Acq: 19 Jun 2020 11:48

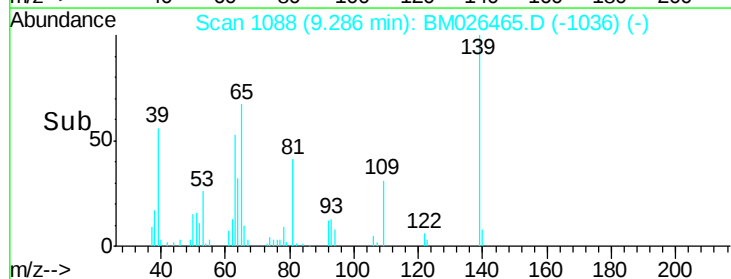
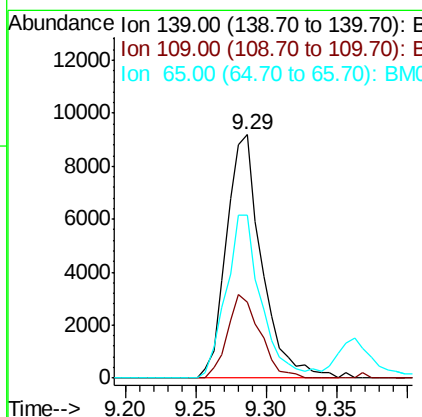
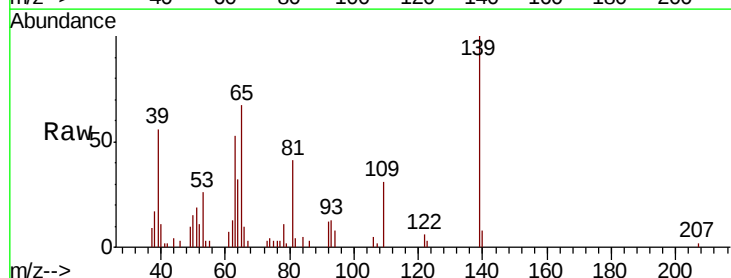
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2020

Tot Ion: 82 Resp: 84806
Ion Ratio Lower Upper
82 100
95 7.6 6.0 9.0
138 17.3 12.7 19.1



#26
2-Nitrophenol
Concen: 4.394 ng
RT: 9.29 min Scan# 1088
Delta R.T. 0.01 min
Lab File: BM026465.D
Acq: 19 Jun 2020 11:48

Tgt Ion: 139 Resp: 16018
Ion Ratio Lower Upper
139 100
109 31.2 25.2 37.8
65 66.9 47.1 70.7

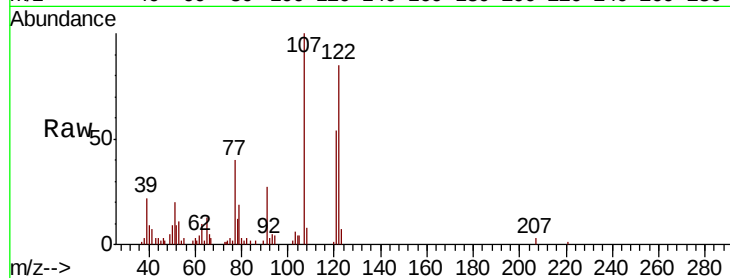




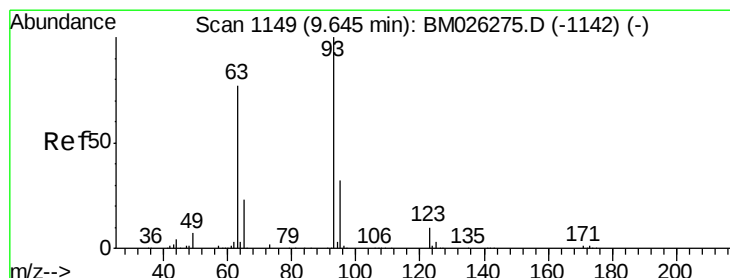
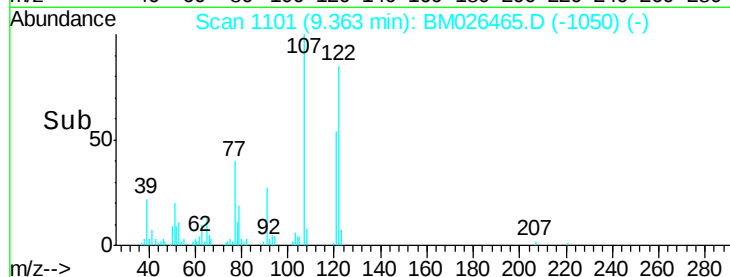
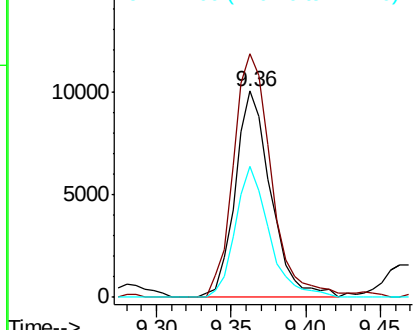
#27
 2,4-Dimethylphenol
 Concen: 2.888 ng
 RT: 9.36 min Scan# 1101
 Delta R.T. -0.00 min
 Lab File: BM026465.D
 Acq: 19 Jun 2020 11:48

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

Tot Ion:122 Resp: 16619
 Ion Ratio Lower Upper
 122 100
 107 118.2 96.1 144.1
 121 63.6 46.0 69.0

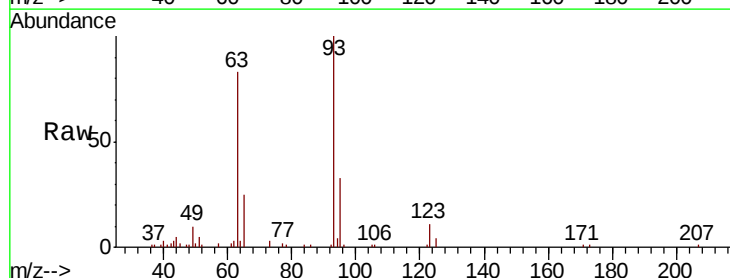


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

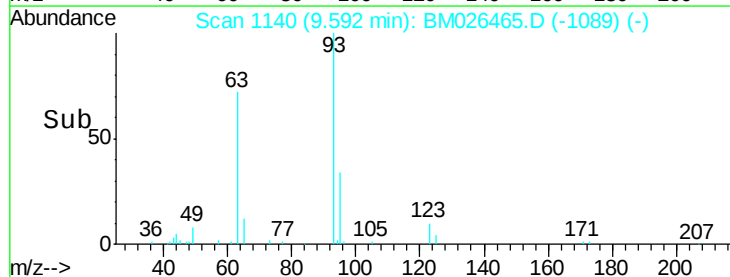
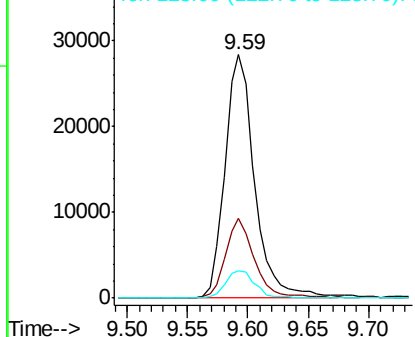


#28
 bis(2-Chloroethoxy)methane
 Concen: 5.160 ng
 RT: 9.59 min Scan# 1140
 Delta R.T. -0.00 min
 Lab File: BM026465.D
 Acq: 19 Jun 2020 11:48

Tgt Ion: 93 Resp: 48394
 Ion Ratio Lower Upper
 93 100
 95 32.5 25.9 38.9
 123 11.3 8.9 13.3



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

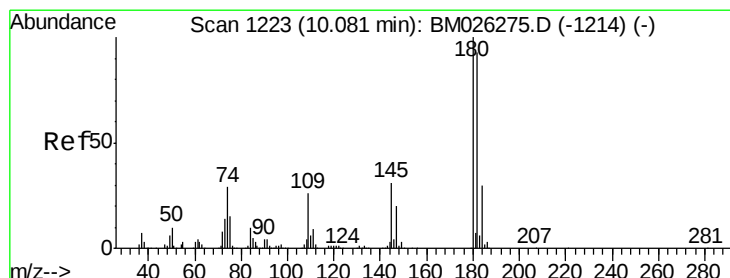
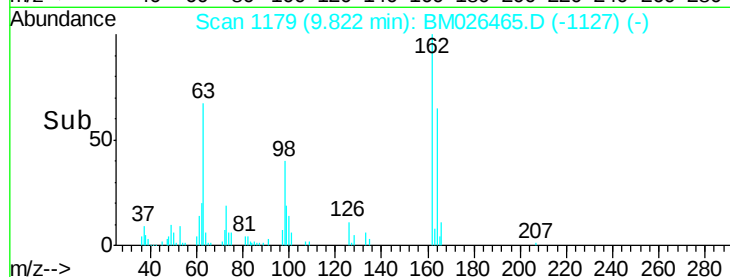
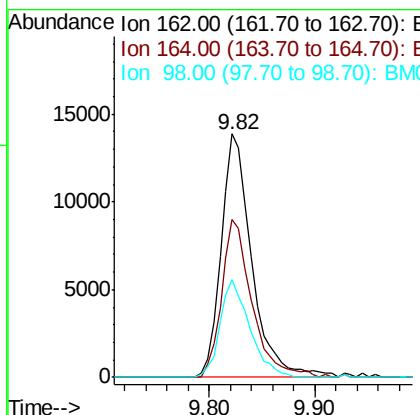
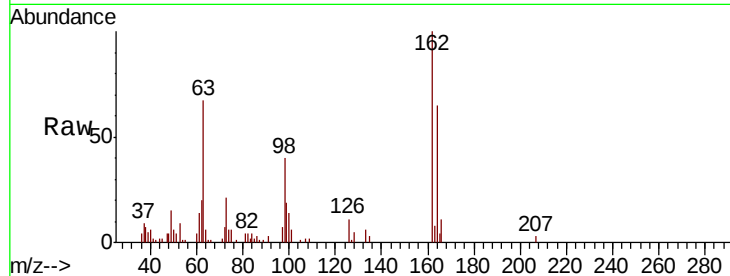




#29
 2,4-Dichlorophenol
 Concen: 4.417 ng
 RT: 9.82 min Scan# 1179
 Delta R.T. 0.01 min
 Lab File: BM026465.D
 Acq: 19 Jun 2020 11:48

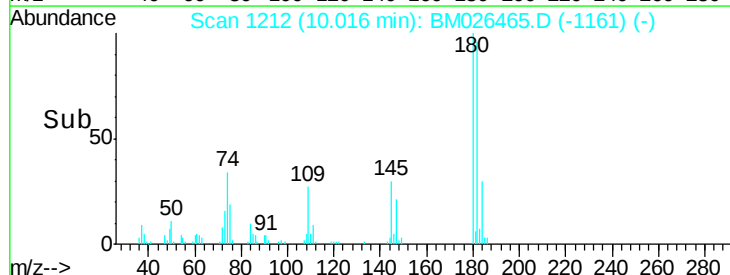
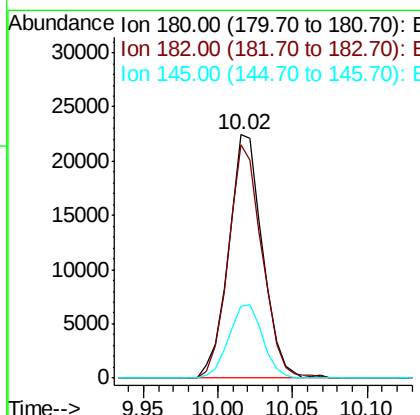
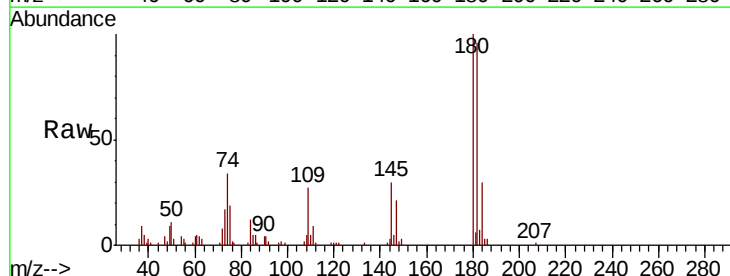
Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2020

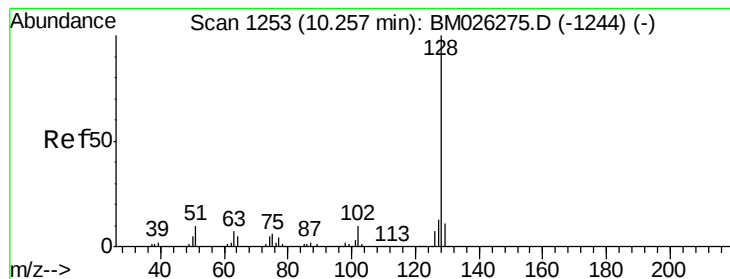
Tot Ion	162	Resp	27888
Ion Ratio	Lower	Upper	
162	100		
164	65.0	46.2	86.2
98	40.0	19.0	59.0



#30
 1,2,4-Trichlorobenzene
 Concen: 5.138 ng
 RT: 10.02 min Scan# 1212
 Delta R.T. -0.00 min
 Lab File: BM026465.D
 Acq: 19 Jun 2020 11:48

Tgt Ion	180	Resp	35577
Ion Ratio	Lower	Upper	
180	100		
182	95.8	77.3	115.9
145	29.6	26.6	40.0

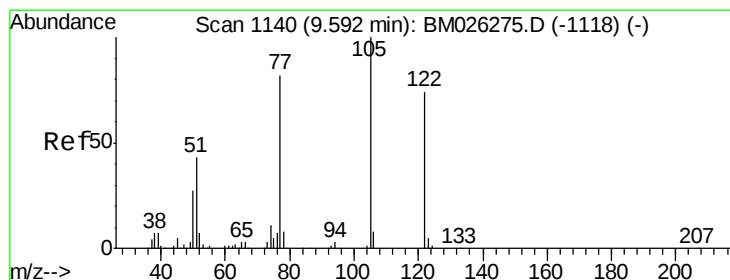
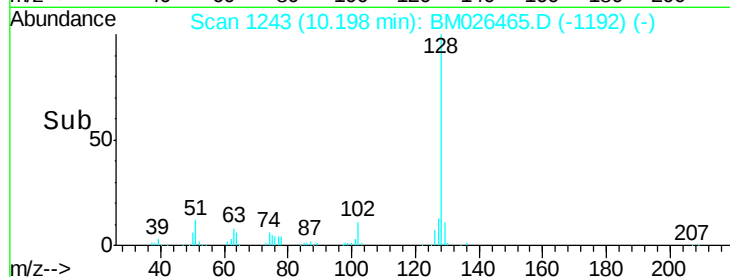
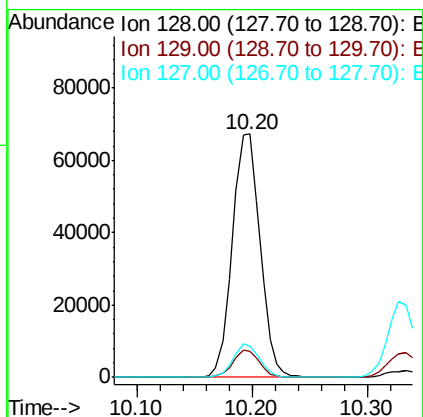
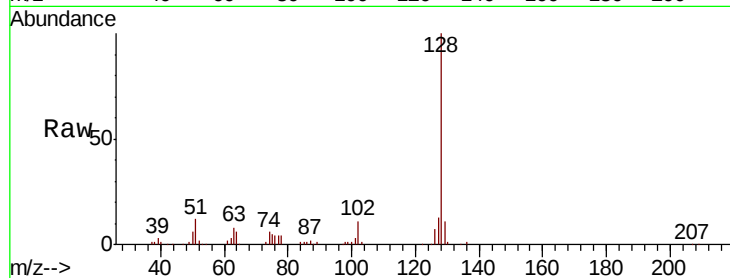




#31
Naphthalene
Concen: 5.166 ng
RT: 10.20 min Scan# 1243
Delta R.T. -0.00 min
Lab File: BM026465.D
Acq: 19 Jun 2020 11:48

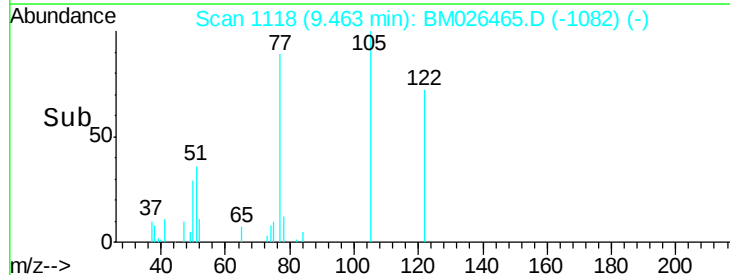
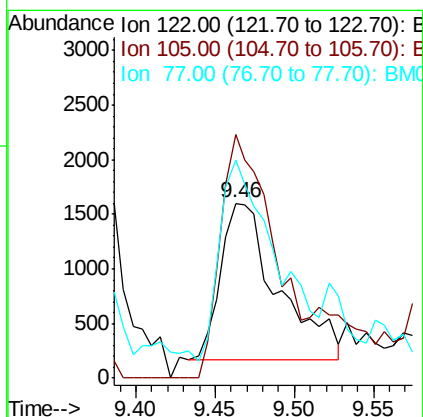
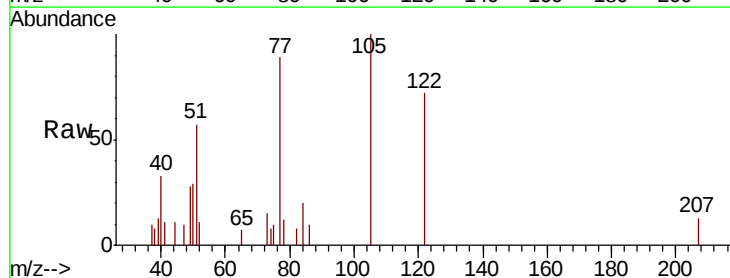
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2020

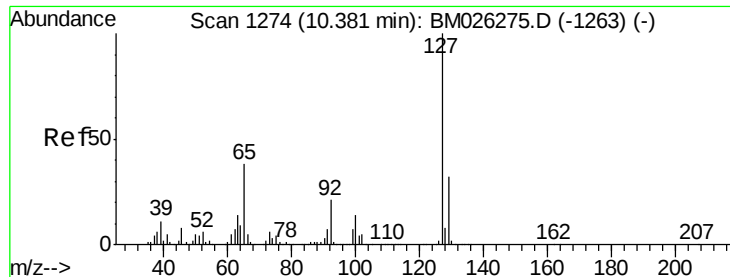
Tot Ion:128 Resp: 112477
Ion Ratio Lower Upper
128 100
129 10.9 8.4 12.6
127 12.7 10.2 15.4



#32
Benzoic acid
Concen: 0.846 ng
RT: 9.46 min Scan# 1118
Delta R.T. -0.09 min
Lab File: BM026465.D
Acq: 19 Jun 2020 11:48

Tgt Ion:122 Resp: 3617
Ion Ratio Lower Upper
122 100
105 139.5 108.9 148.9
77 124.8 90.1 130.1

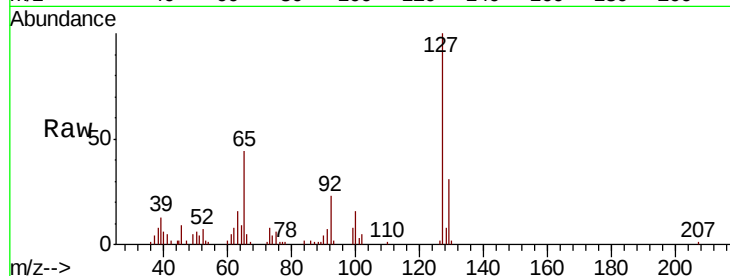




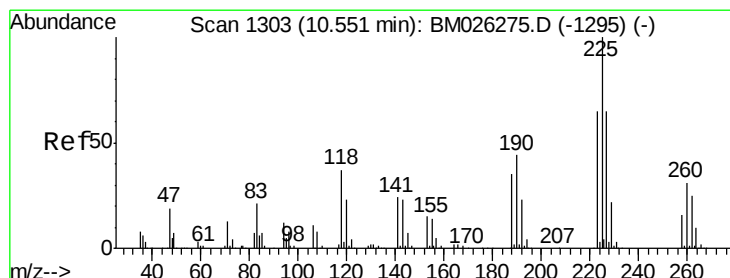
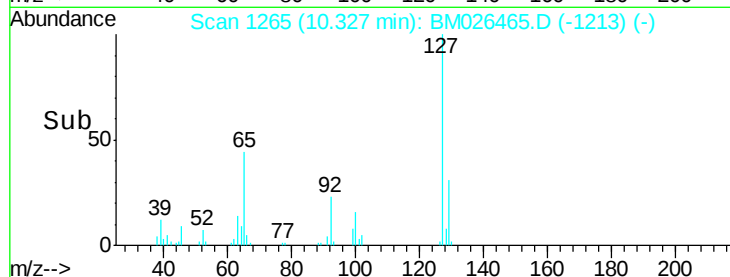
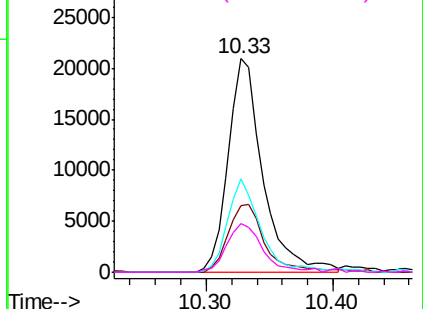
#33
4-Chloroaniline
Concen: 4.179 ng
RT: 10.33 min Scan# 1265
Delta R.T. 0.01 min
Lab File: BM026465.D
Acq: 19 Jun 2020 11:48

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

Tot Ion:127	Resp:	39686
Ion Ratio	Lower	Upper
127	100	
129	31.3	25.3 37.9
65	43.9	30.0 45.0
92	22.9	17.1 25.7

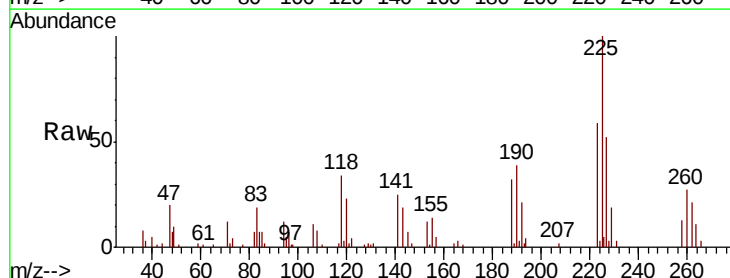


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0

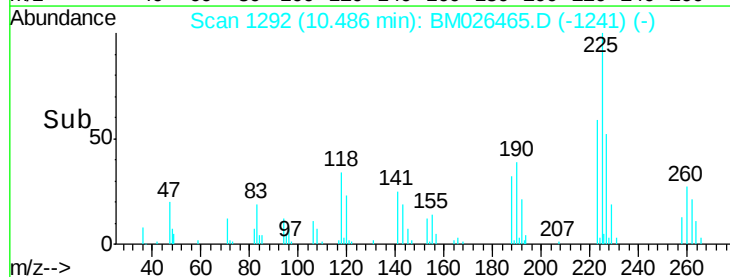
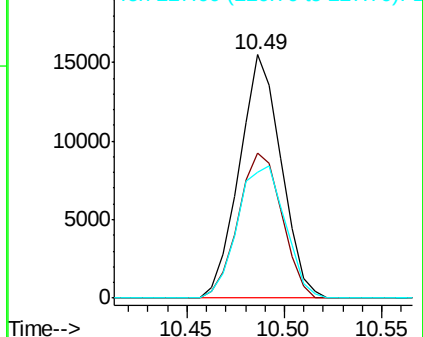


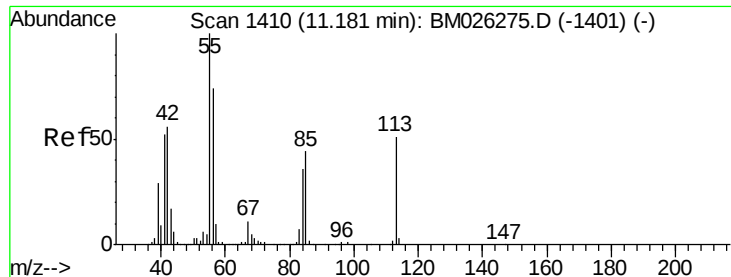
#34
Hexachlorobutadiene
Concen: 5.276 ng
RT: 10.49 min Scan# 1292
Delta R.T. -0.00 min
Lab File: BM026465.D
Acq: 19 Jun 2020 11:48

Tgt Ion:225	Resp:	23062
Ion Ratio	Lower	Upper
225	100	
223	59.4	50.2 75.4
227	51.9	49.5 74.3



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





#35

Caprolactam

Concen: 4.809 ng

RT: 11.10 min Scan# 1397

Delta R.T. -0.02 min

Lab File: BM026465.D

Acq: 19 Jun 2020 11:48

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2020

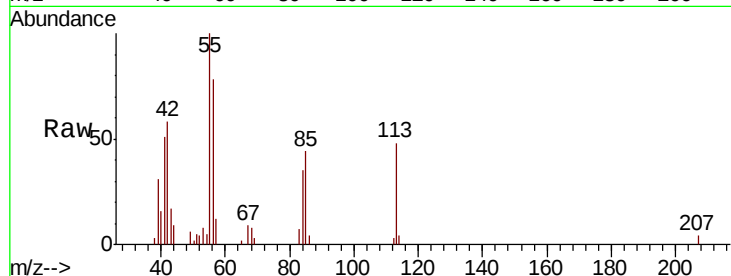
Tot Ion:113 Resp: 10668

Ion Ratio Lower Upper

113 100

55 206.3 177.1 217.1

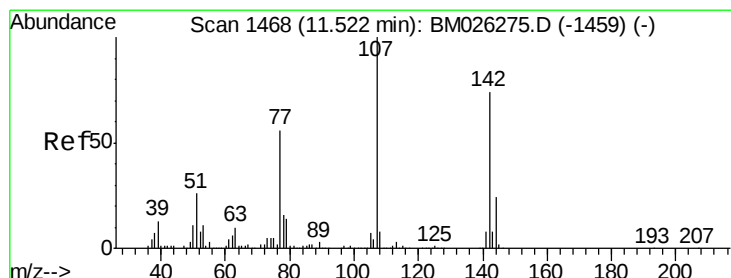
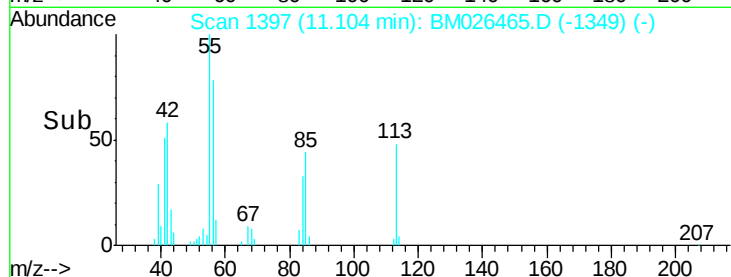
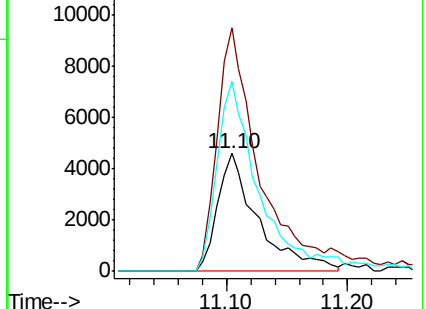
56 161.4 134.8 174.8



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#36

4-Chloro-3-methylphenol

Concen: 4.838 ng

RT: 11.47 min Scan# 1459

Delta R.T. -0.00 min

Lab File: BM026465.D

Acq: 19 Jun 2020 11:48

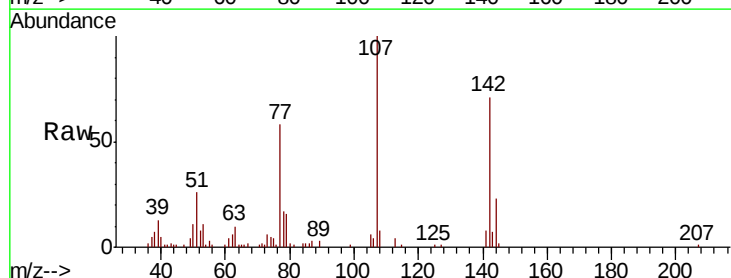
Tgt Ion:107 Resp: 37227

Ion Ratio Lower Upper

107 100

144 22.8 18.7 28.1

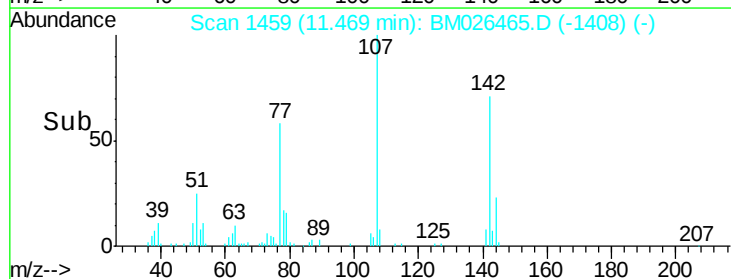
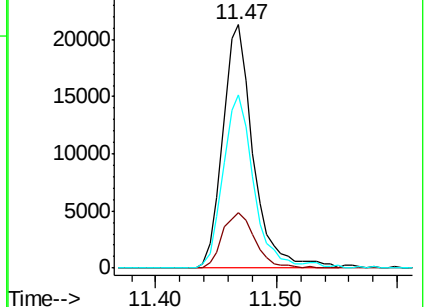
142 70.9 57.7 86.5

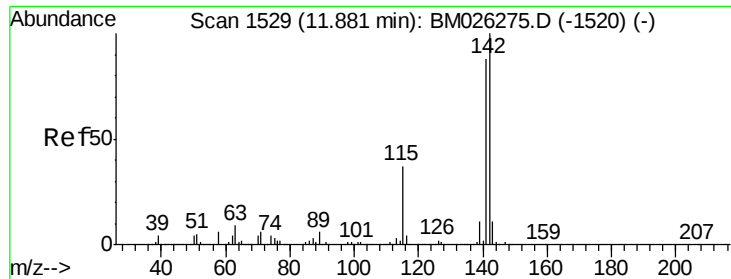


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

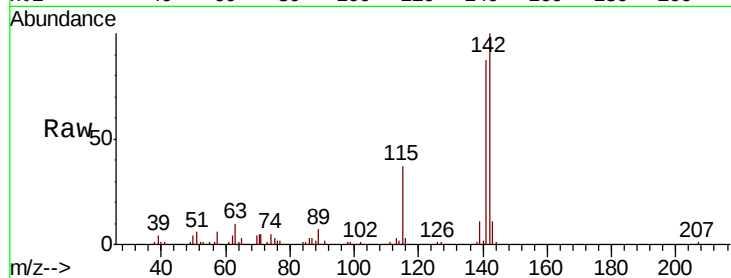




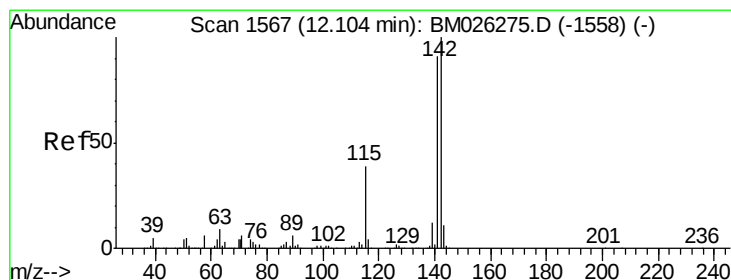
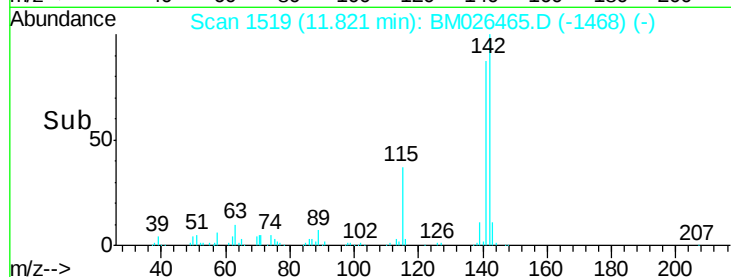
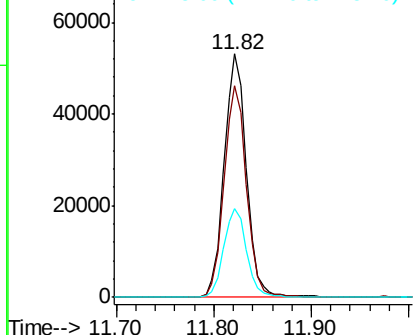
#37
2-Methylnaphthalene
Concen: 5.408 ng
RT: 11.82 min Scan# 1519
Delta R.T. -0.00 min
Lab File: BM026465.D
Acq: 19 Jun 2020 11:48

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

Tot Ion:142 Resp: 83910
Ion Ratio Lower Upper
142 100
141 86.9 70.5 105.7
115 36.6 30.2 45.4

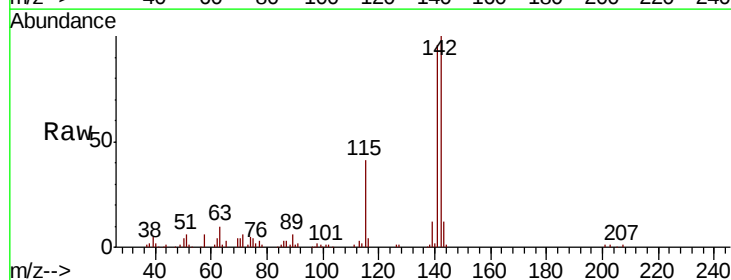


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

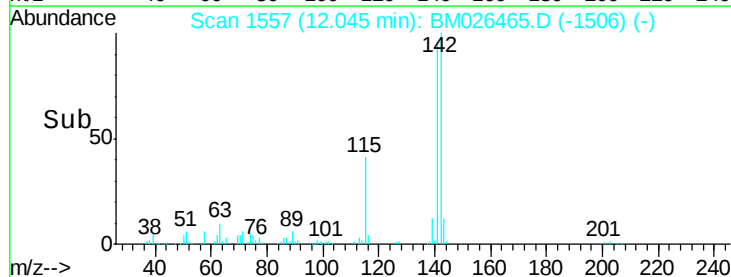
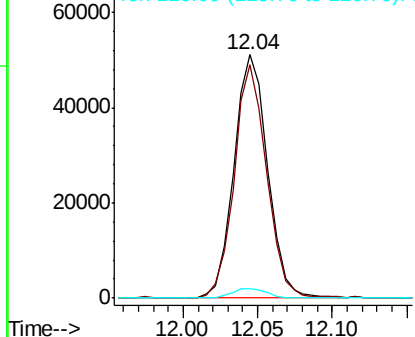


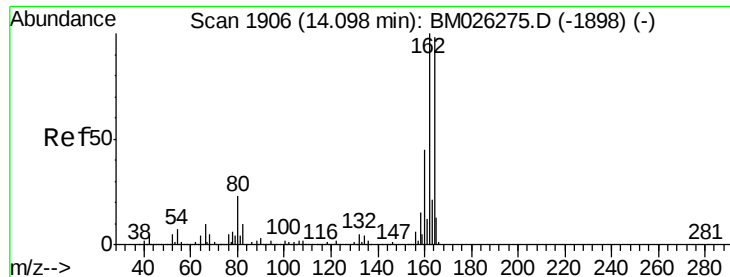
#38
1-Methylnaphthalene
Concen: 5.444 ng
RT: 12.04 min Scan# 1557
Delta R.T. -0.00 min
Lab File: BM026465.D
Acq: 19 Jun 2020 11:48

Tgt Ion:142 Resp: 80007
Ion Ratio Lower Upper
142 100
141 95.9 73.3 109.9
116 4.1 3.4 5.0



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.04 min Scan# 1897

Delta R.T. -0.00 min

Lab File: BM026465.D

Acq: 19 Jun 2020 11:48

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2020

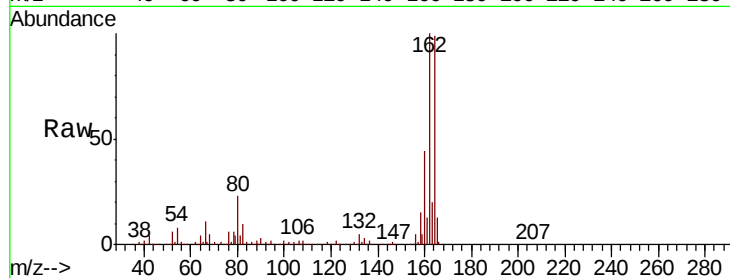
Tot Ion:164 Resp: 300475

Ion Ratio Lower Upper

164 100

162 101.3 77.7 116.5

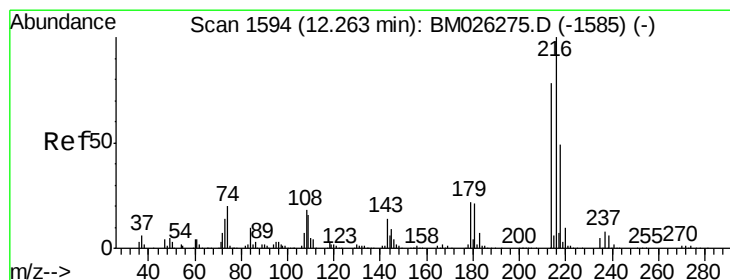
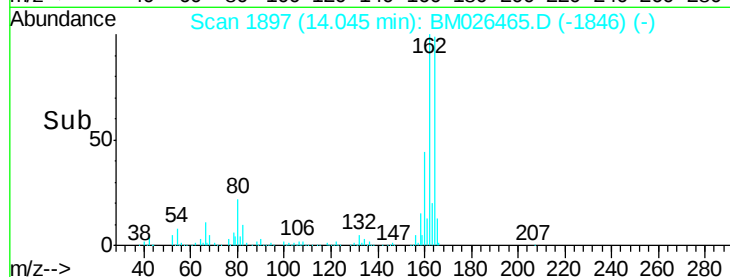
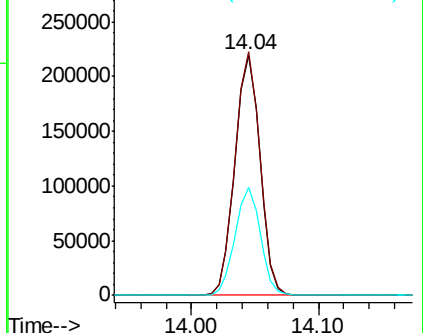
160 45.0 34.2 51.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 5.210 ng

RT: 12.20 min Scan# 1584

Delta R.T. -0.00 min

Lab File: BM026465.D

Acq: 19 Jun 2020 11:48

Tgt Ion:216 Resp: 44559

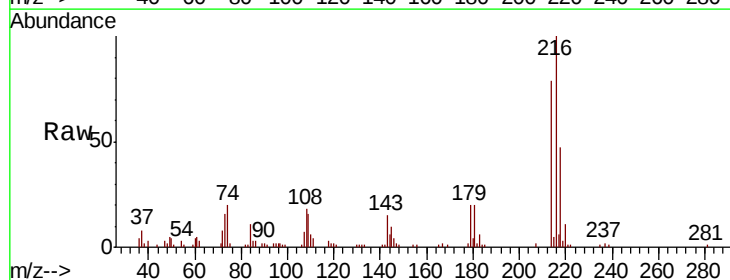
Ion Ratio Lower Upper

216 100

214 80.3 61.9 92.9

179 20.7 16.3 24.5

108 18.4 15.3 22.9

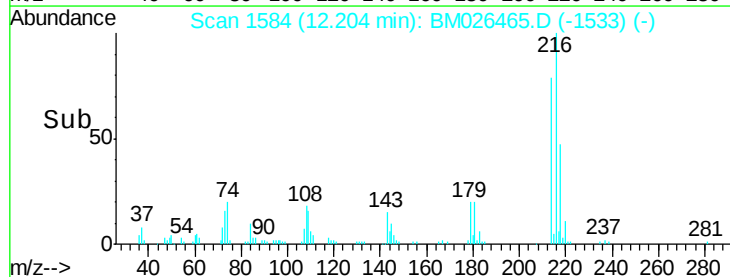
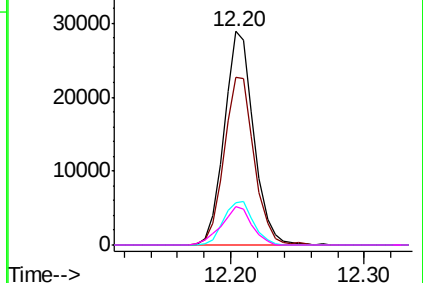


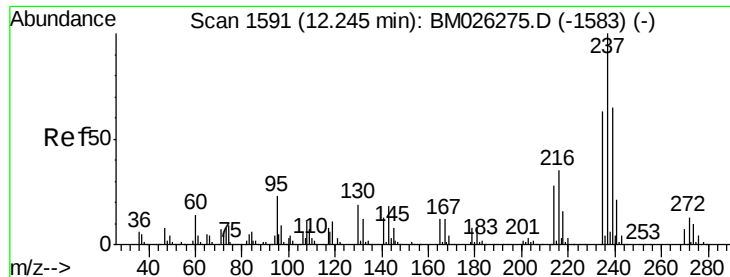
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 1.925 ng

RT: 12.19 min Scan# 1581

Delta R.T. -0.00 min

Lab File: BM026465.D

Acq: 19 Jun 2020 11:48

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2020

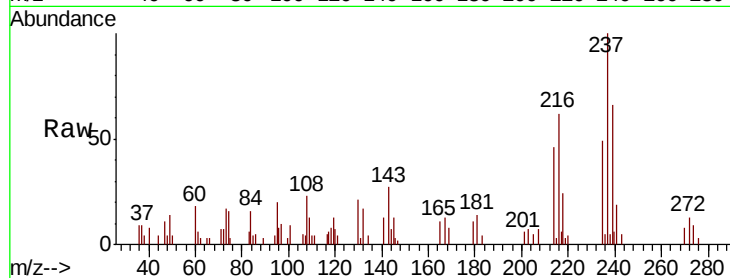
Tot Ion:237 Resp: 9703

Ion Ratio Lower Upper

237 100

235 49.3 42.1 82.1

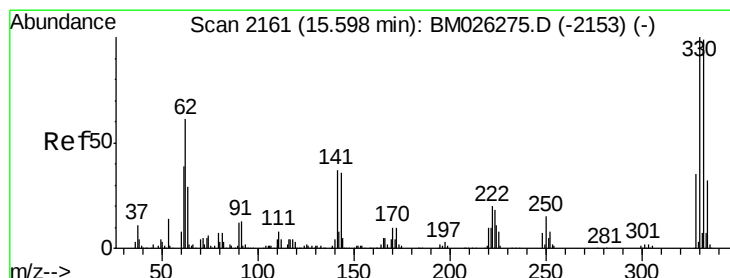
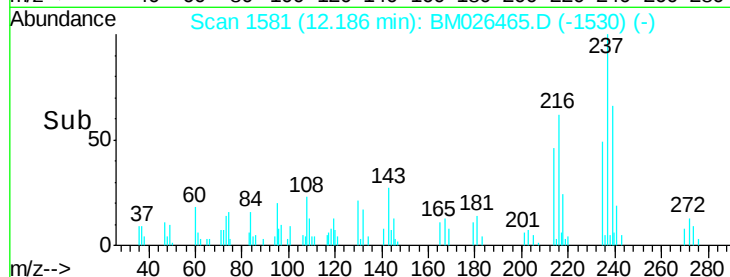
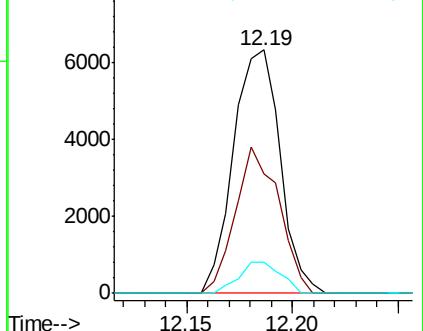
272 12.7 0.0 33.5



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 199.355 ng

RT: 15.55 min Scan# 2153

Delta R.T. -0.00 min

Lab File: BM026465.D

Acq: 19 Jun 2020 11:48

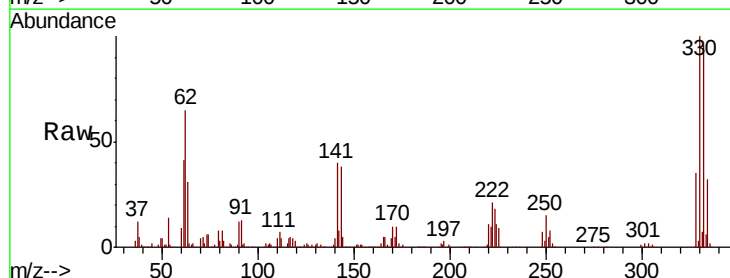
Tgt Ion:330 Resp: 725613

Ion Ratio Lower Upper

330 100

332 95.7 77.7 116.5

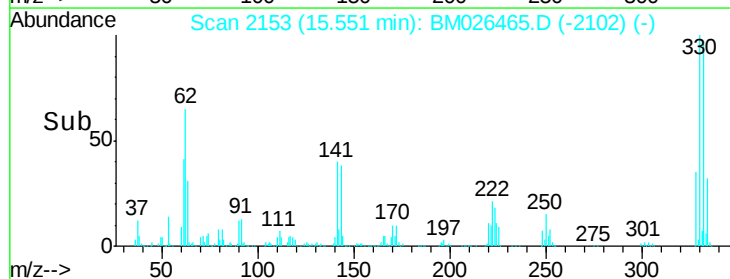
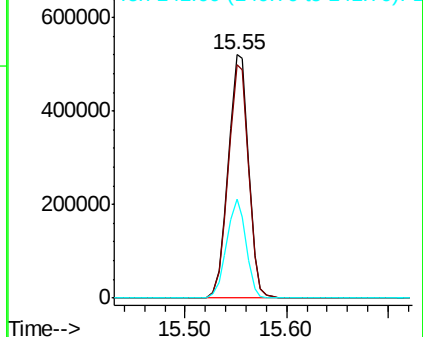
141 38.8 29.7 44.5

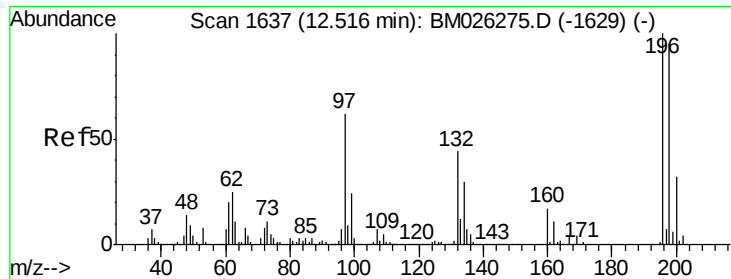


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

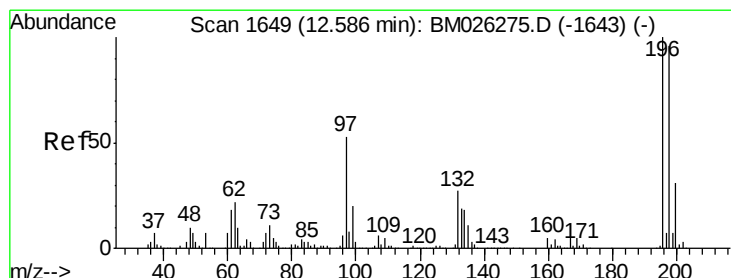
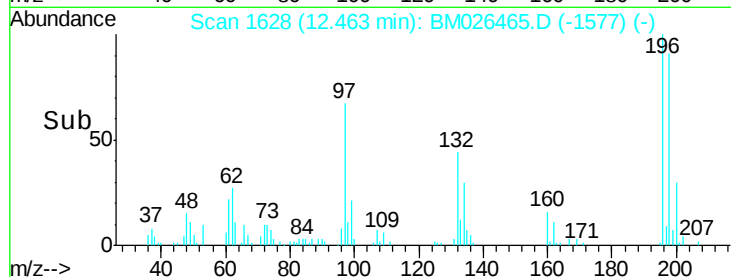
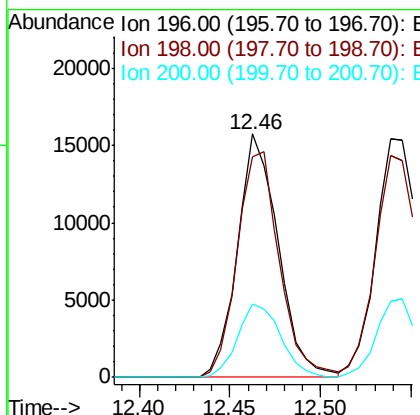
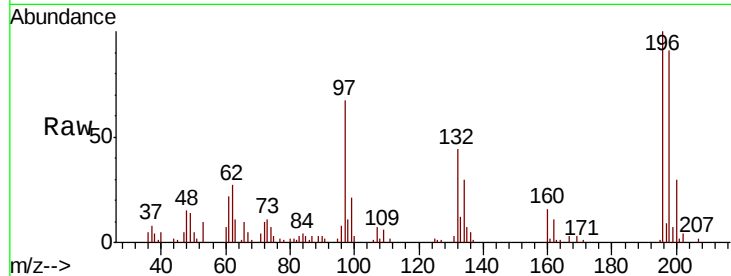




#43
 2,4,6-Trichlorophenol
 Concen: 4.260 ng
 RT: 12.46 min Scan# 1628
 Delta R.T. -0.00 min
 Lab File: BM026465.D
 Acq: 19 Jun 2020 11:48

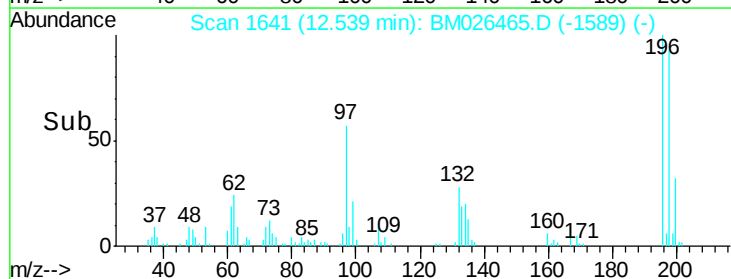
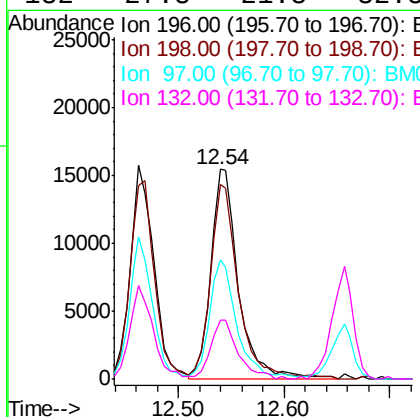
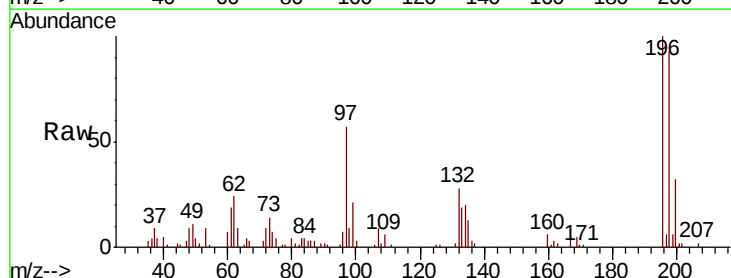
Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2020

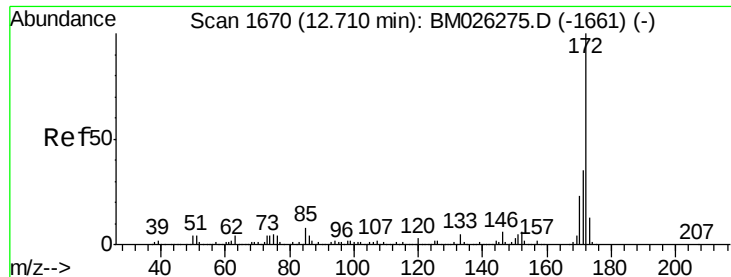
Tot Ion:196 Resp: 24662
 Ion Ratio Lower Upper
 196 100
 198 90.7 79.0 118.4
 200 30.2 25.2 37.8



#44
 2,4,5-Trichlorophenol
 Concen: 4.222 ng
 RT: 12.54 min Scan# 1641
 Delta R.T. 0.01 min
 Lab File: BM026465.D
 Acq: 19 Jun 2020 11:48

Tgt Ion:196 Resp: 28373
 Ion Ratio Lower Upper
 196 100
 198 92.7 77.1 115.7
 97 56.6 43.0 64.4
 132 27.8 21.8 32.8



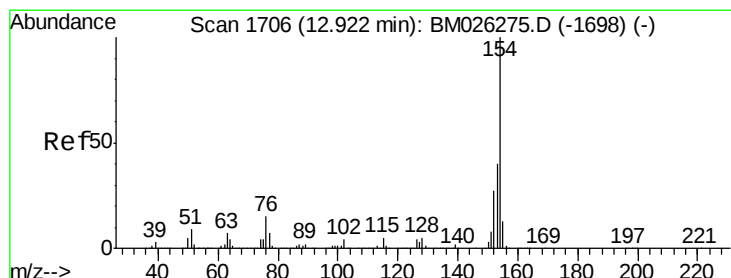
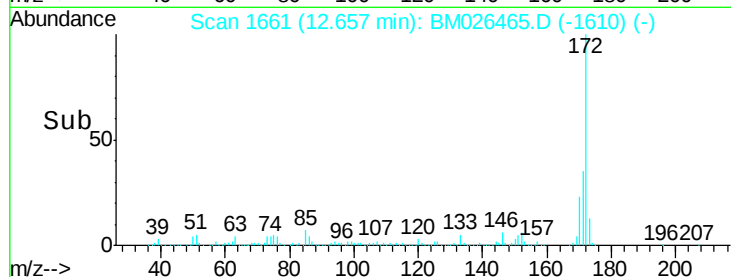
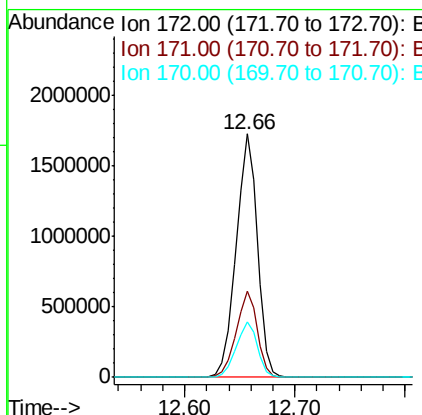
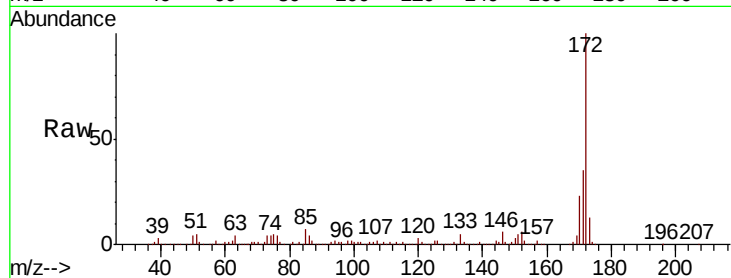


#45
 2-Fluorobiphenyl
 Concen: 118.147 ng
 RT: 12.66 min Scan# 1661
 Delta R.T. -0.00 min
 Lab File: BM026465.D
 Acq: 19 Jun 2020 11:48

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

Tot Ion:172 Resp: 2338665

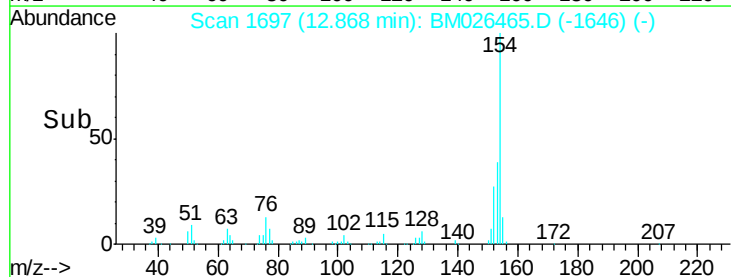
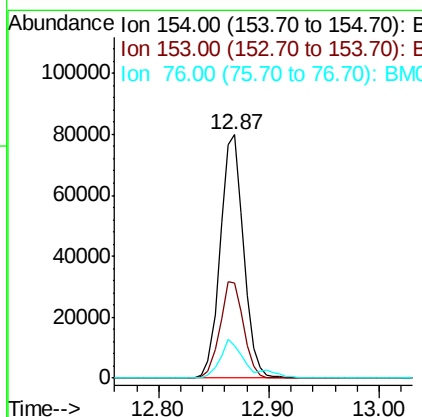
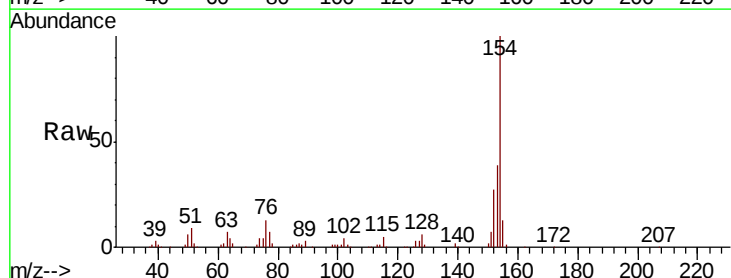
Ion	Ratio	Lower	Upper
172	100		
171	35.2	27.8	41.8
170	23.0	18.2	27.4



#46
 1,1'-Biphenyl
 Concen: 5.581 ng
 RT: 12.87 min Scan# 1697
 Delta R.T. -0.00 min
 Lab File: BM026465.D
 Acq: 19 Jun 2020 11:48

Tgt Ion:154 Resp: 117564

Ion	Ratio	Lower	Upper
154	100		
153	39.2	20.0	60.0
76	13.3	0.0	34.6

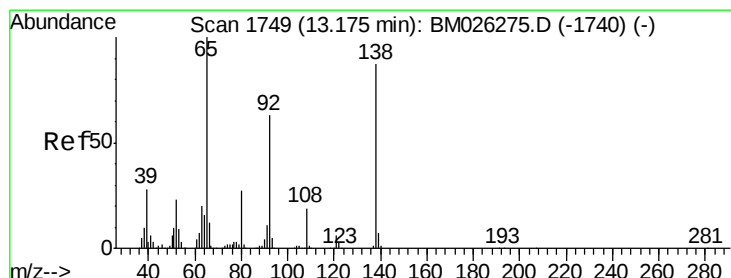
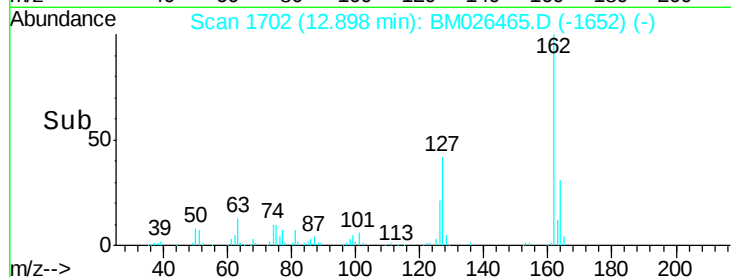
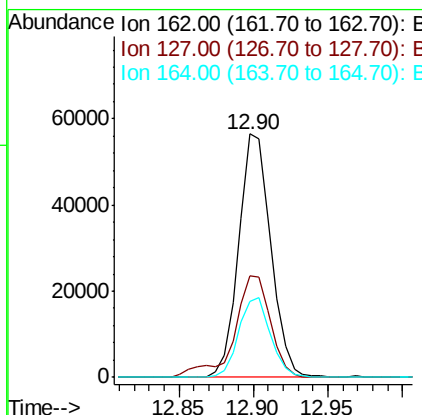
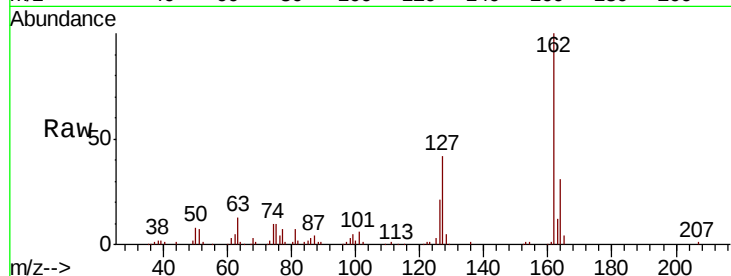




#47
2-Chloronaphthalene
Concen: 4.937 ng
RT: 12.90 min Scan# 1702
Delta R.T. -0.01 min
Lab File: BM026465.D
Acq: 19 Jun 2020 11:48

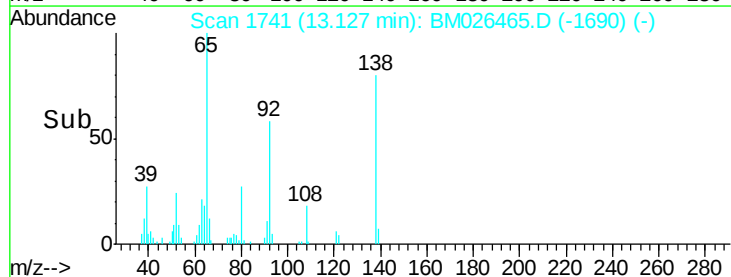
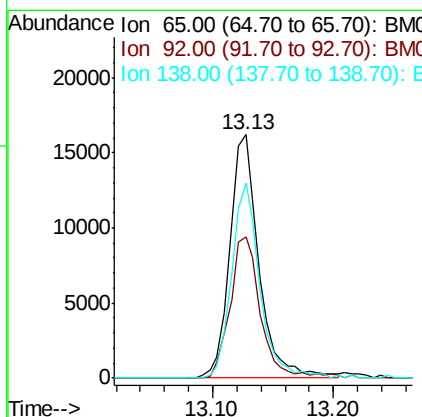
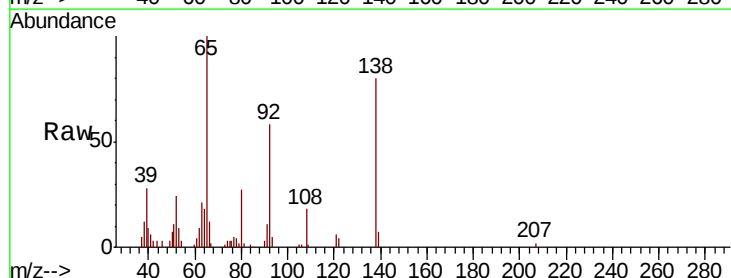
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2020

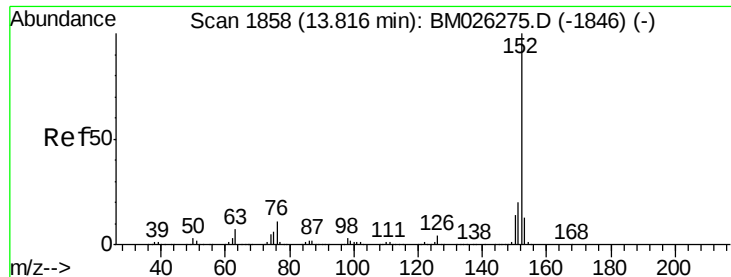
Tot Ion: 162 Resp: 84473
Ion Ratio Lower Upper
162 100
127 41.8 34.0 51.0
164 31.1 26.3 39.5



#48
2-Nitroaniline
Concen: 4.039 ng
RT: 13.13 min Scan# 1741
Delta R.T. -0.00 min
Lab File: BM026465.D
Acq: 19 Jun 2020 11:48

Tgt Ion: 65 Resp: 27388
Ion Ratio Lower Upper
65 100
92 57.9 50.6 76.0
138 80.0 71.6 107.4





#49

Acenaphthylene

Concen: 4.990 ng

RT: 13.76 min Scan# 1848

Delta R.T. -0.01 min

Lab File: BM026465.D

Acq: 19 Jun 2020 11:48

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2020

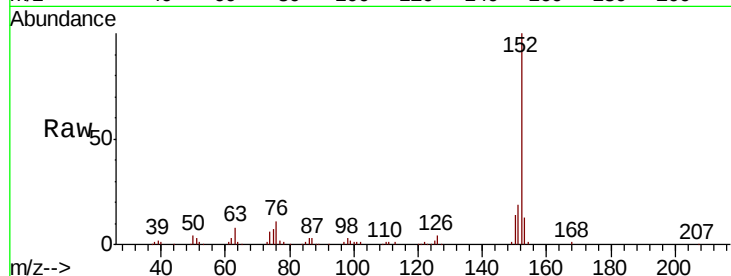
Tot Ion:152 Resp: 136572

Ion Ratio Lower Upper

152 100

151 19.1 15.8 23.6

153 13.3 10.1 15.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

120000

100000

80000

60000

40000

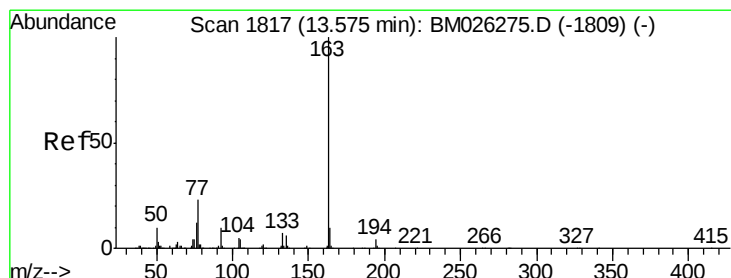
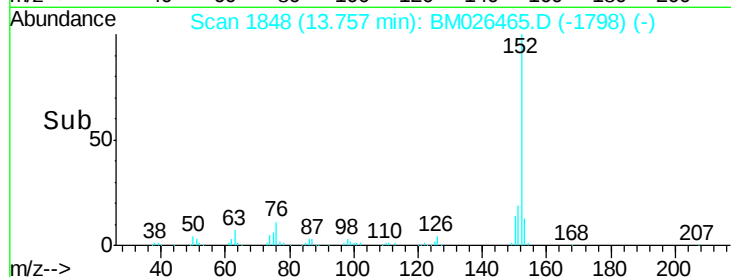
20000

0

13.76

13.70 13.80

Time-->



#50

Dimethylphthalate

Concen: 5.094 ng

RT: 13.52 min Scan# 1808

Delta R.T. -0.01 min

Lab File: BM026465.D

Acq: 19 Jun 2020 11:48

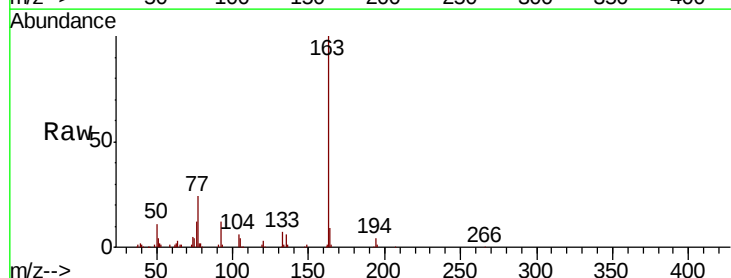
Tgt Ion:163 Resp: 111954

Ion Ratio Lower Upper

163 100

194 4.5 3.4 5.2

164 9.0 7.8 11.8



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

100000

80000

60000

40000

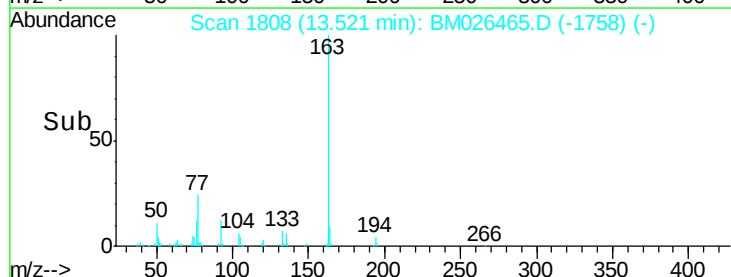
20000

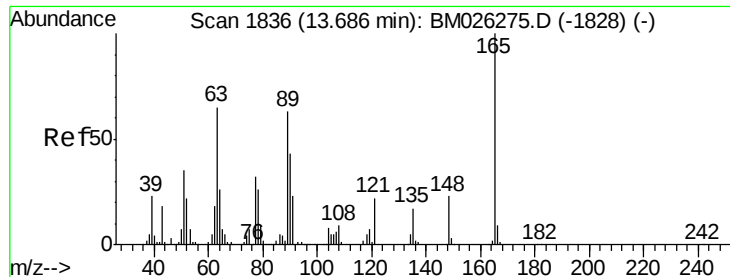
0

13.52

13.50 13.60

Time-->

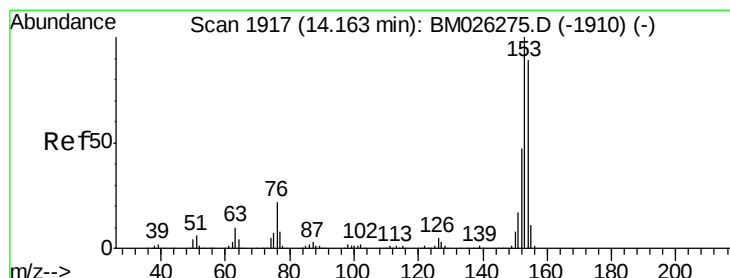
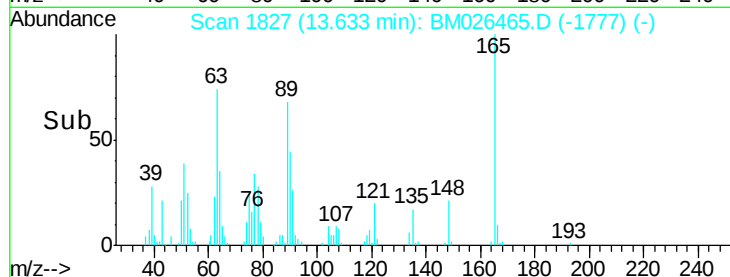
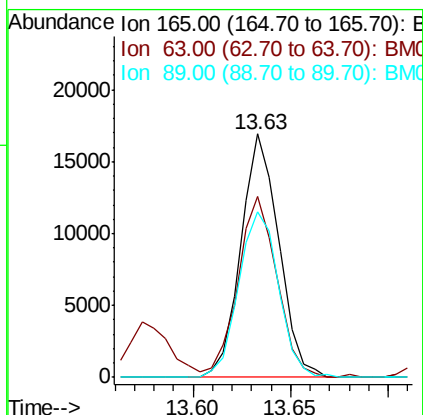
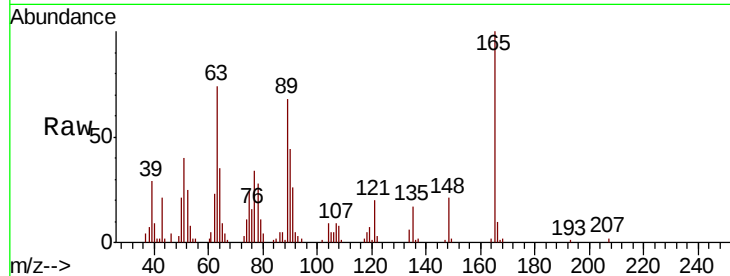




#51
 2,6-Dinitrotoluene
 Concen: 4.722 ng
 RT: 13.63 min Scan# 1827
 Delta R.T. -0.01 min
 Lab File: BM026465.D
 Acq: 19 Jun 2020 11:48

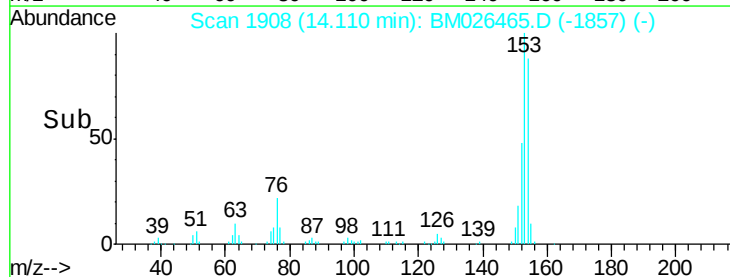
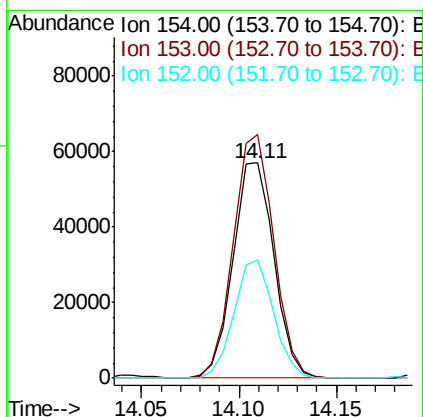
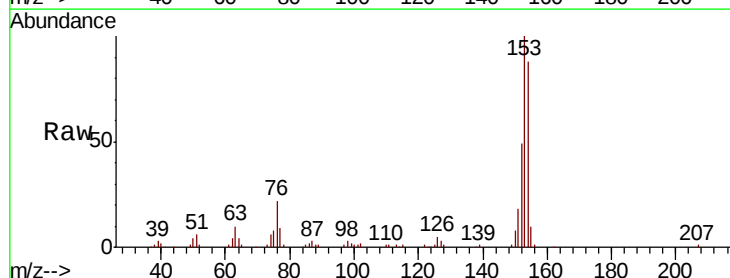
Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2020

Tot Ion:165 Resp: 22771
 Ion Ratio Lower Upper
 165 100
 63 74.3 54.3 81.5
 89 68.0 51.5 77.3



#52
 Acenaphthene
 Concen: 5.056 ng
 RT: 14.11 min Scan# 1908
 Delta R.T. -0.00 min
 Lab File: BM026465.D
 Acq: 19 Jun 2020 11:48

Tgt Ion:154 Resp: 83062
 Ion Ratio Lower Upper
 154 100
 153 113.1 88.6 132.8
 152 55.1 42.0 63.0





#53

3-Nitroaniline

Concen: 3.535 ng

RT: 13.97 min Scan# 1884

Delta R.T. -0.00 min

Lab File: BM026465.D

Acq: 19 Jun 2020 11:48

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2020

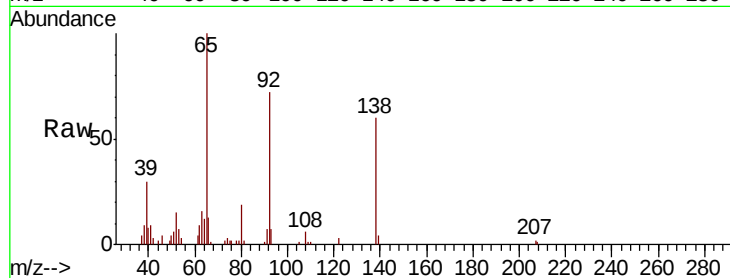
Tot Ion:138 Resp: 18983

Ion Ratio Lower Upper

138 100

108 9.9 9.4 14.0

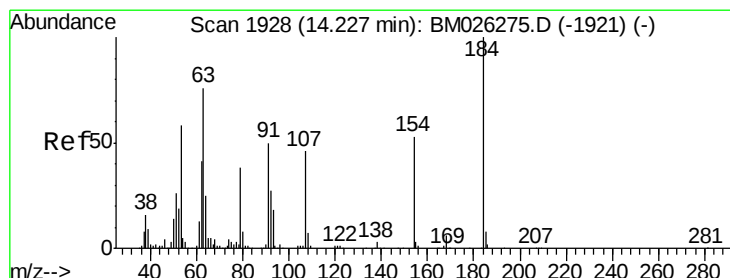
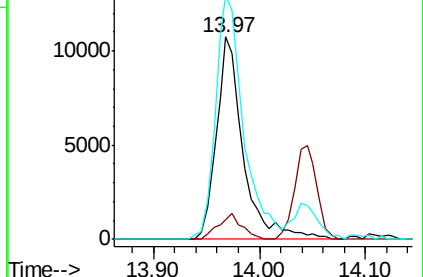
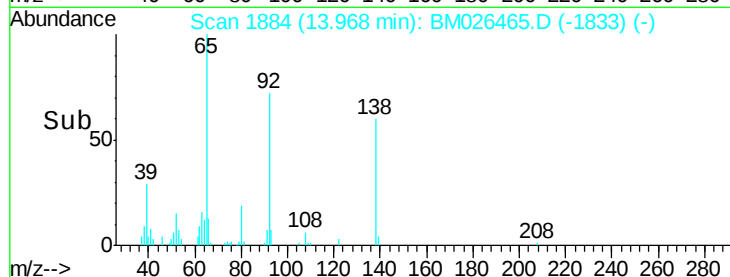
92 120.4 105.4 158.2



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM



#54

2,4-Dinitrophenol

Concen: 1.895 ng

RT: 14.20 min Scan# 1923

Delta R.T. 0.01 min

Lab File: BM026465.D

Acq: 19 Jun 2020 11:48

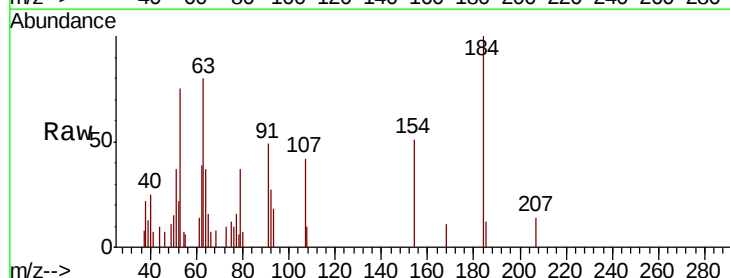
Tgt Ion:184 Resp: 5553

Ion Ratio Lower Upper

184 100

63 79.9 61.8 92.6

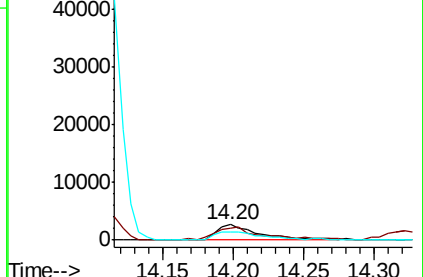
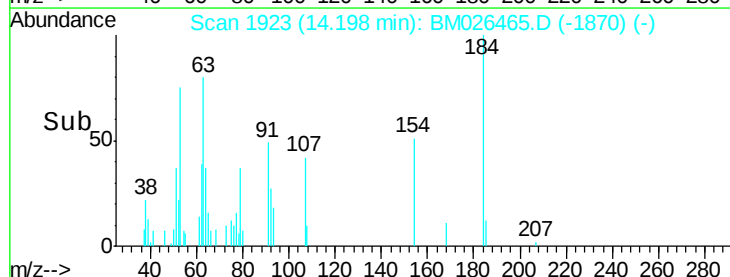
154 50.8 53.1 79.7#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 5.142 ng

RT: 14.45 min Scan# 1966

Delta R.T. -0.00 min

Lab File: BM026465.D

Acq: 19 Jun 2020 11:48

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2020

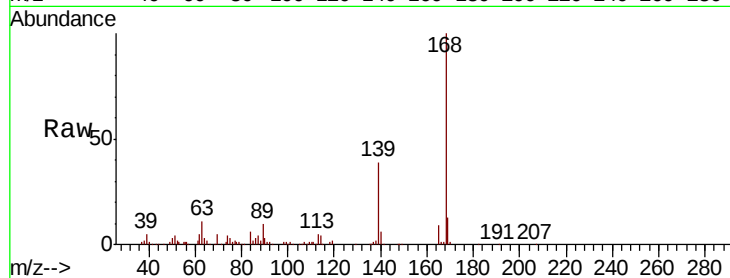
Tot Ion:168 Resp: 136110

Ion Ratio Lower Upper

168 100

139 38.5 31.4 47.0

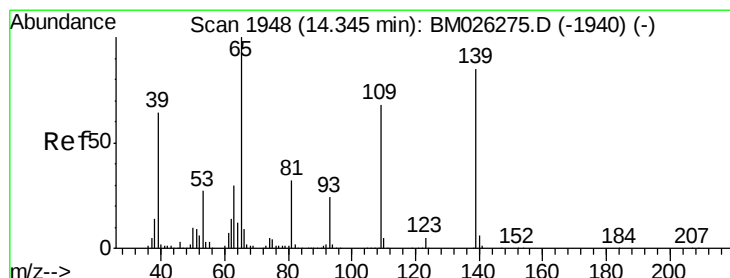
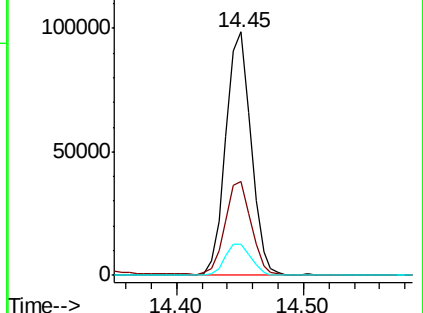
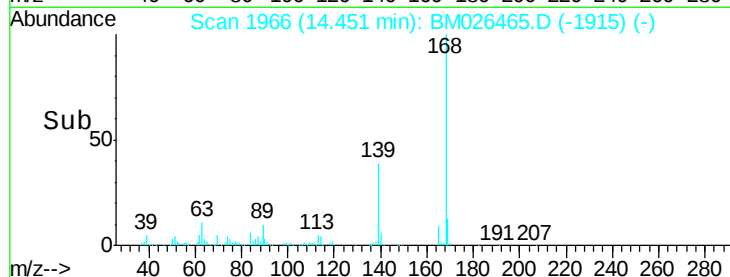
169 12.9 10.7 16.1



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: 2.572 ng

RT: 14.32 min Scan# 1944

Delta R.T. 0.02 min

Lab File: BM026465.D

Acq: 19 Jun 2020 11:48

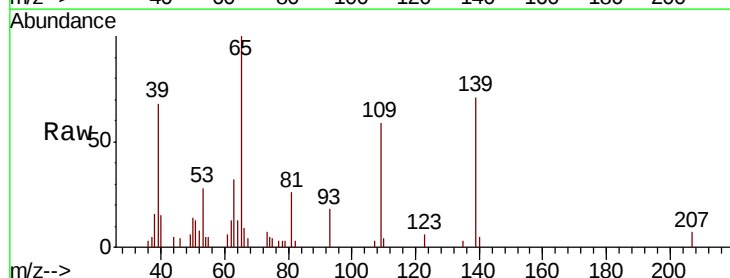
Tgt Ion:139 Resp: 10955

Ion Ratio Lower Upper

139 100

109 82.9 64.9 104.9

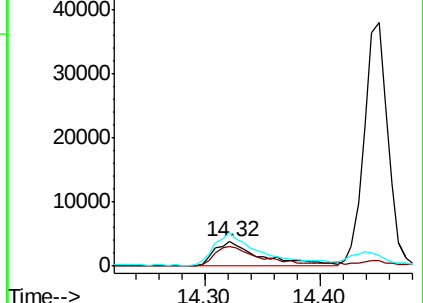
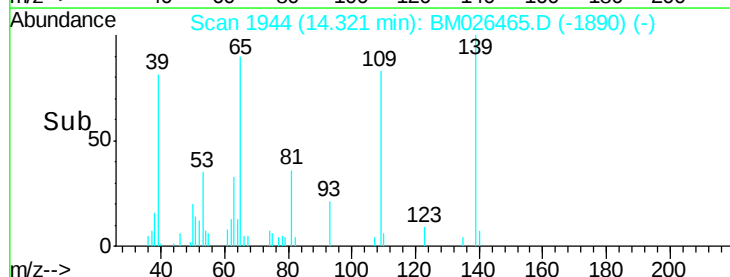
65 140.7 98.1 138.1#

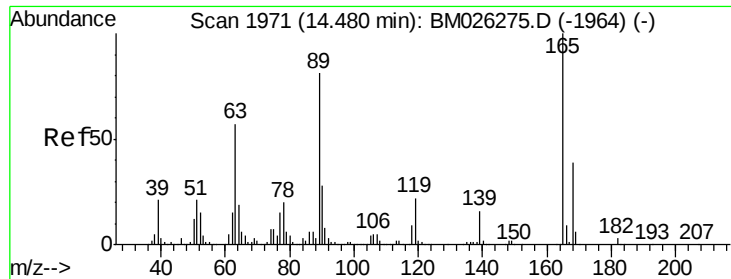


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BM

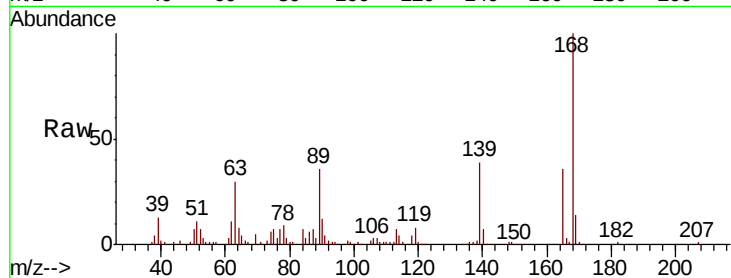




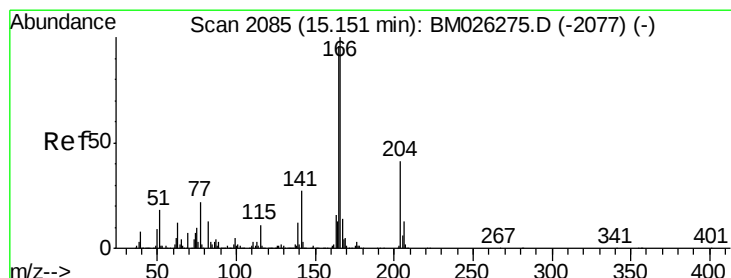
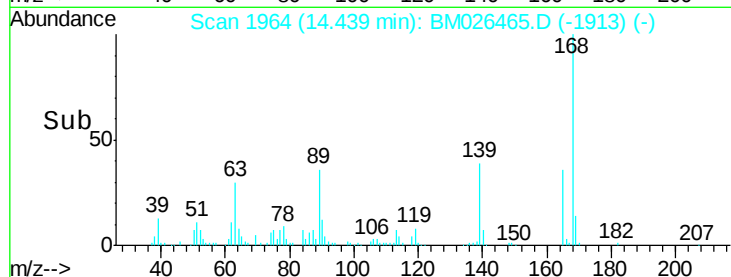
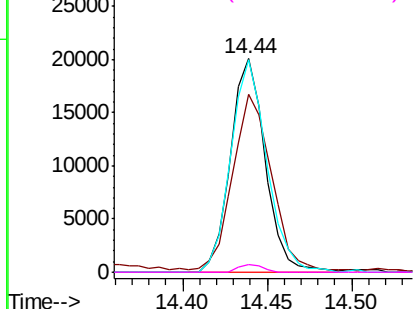
#57
2,4-Dinitrotoluene
Concen: 4.300 ng
RT: 14.44 min Scan# 1964
Delta R.T. -0.00 min
Lab File: BM026465.D
Acq: 19 Jun 2020 11:48

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

Tot Ion:165 Resp: 28834
Ion Ratio Lower Upper
165 100
63 83.6 48.1 72.1#
89 99.6 65.6 98.4#
182 3.4 2.7 4.1

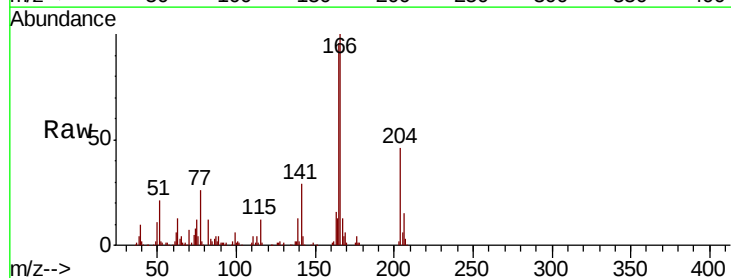


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BM
Ion 89.00 (88.70 to 89.70): BM
Ion 182.00 (181.70 to 182.70): E

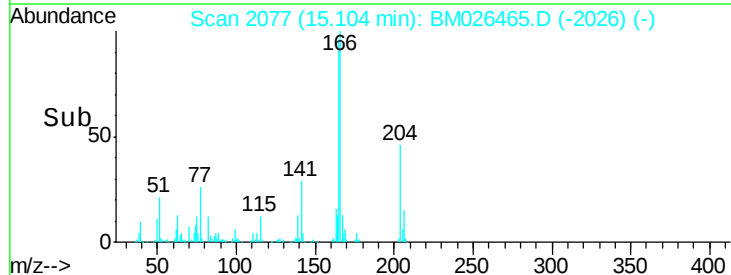
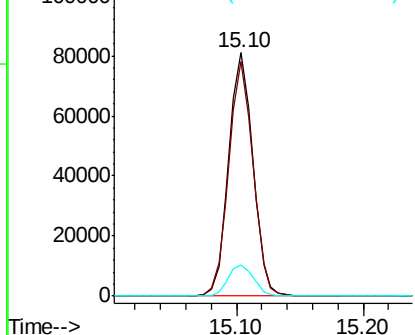


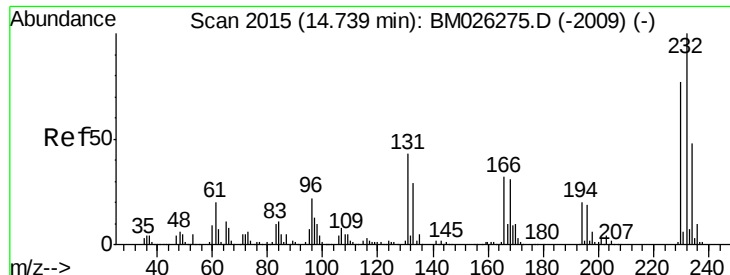
#58
Fluorene
Concen: 4.984 ng
RT: 15.10 min Scan# 2077
Delta R.T. -0.00 min
Lab File: BM026465.D
Acq: 19 Jun 2020 11:48

Tgt Ion:166 Resp: 107170
Ion Ratio Lower Upper
166 100
165 96.3 77.5 116.3
167 13.0 10.9 16.3



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

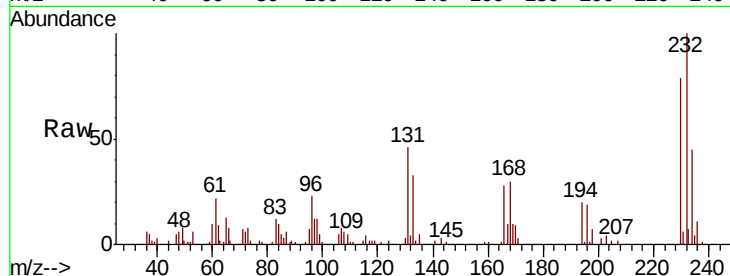




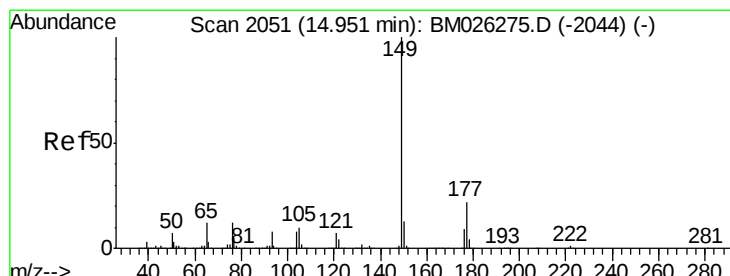
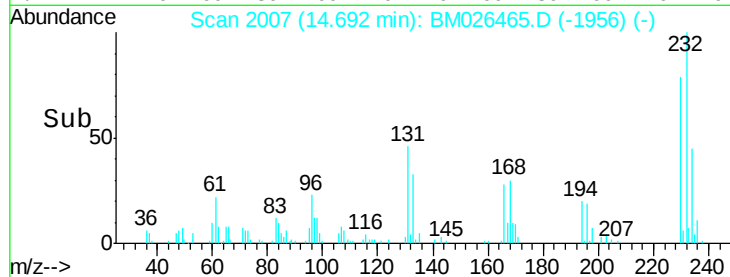
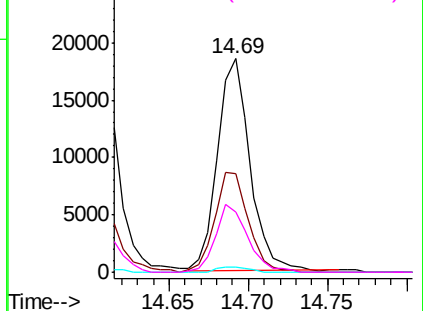
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 4.567 ng
 RT: 14.69 min Scan# 2007
 Delta R.T. -0.00 min
 Lab File: BM026465.D
 Acq: 19 Jun 2020 11:48

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

Tot Ion:232	Resp:	26253
Ion Ratio	Lower	Upper
232	100	
131	48.9	36.4 54.6
130	2.6	2.0 3.0
166	31.7	24.8 37.2

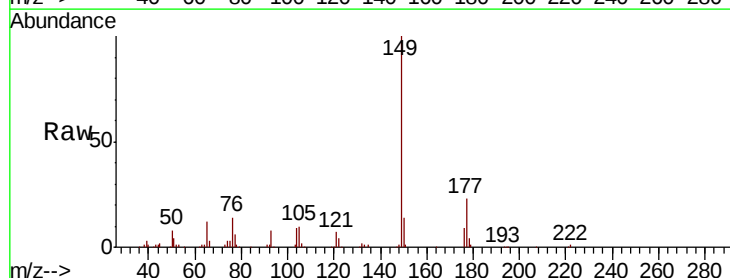


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

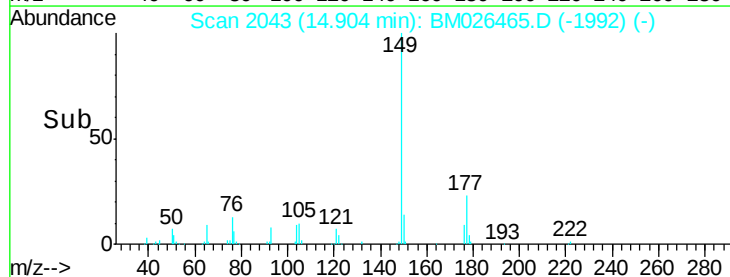
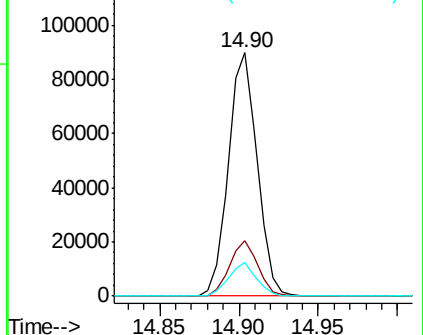


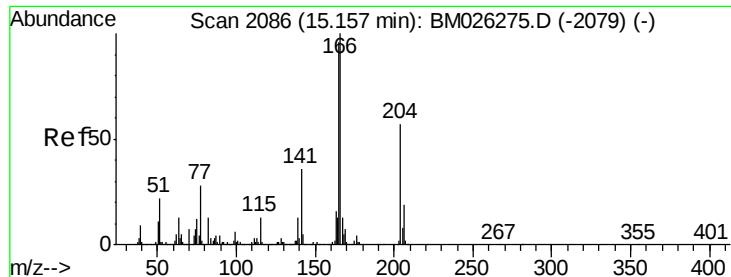
#60
 Diethylphthalate
 Concen: 5.031 ng
 RT: 14.90 min Scan# 2043
 Delta R.T. -0.00 min
 Lab File: BM026465.D
 Acq: 19 Jun 2020 11:48

Tgt Ion:149	Resp:	112623
Ion Ratio	Lower	Upper
149	100	
177	22.9	17.6 26.4
150	13.6	9.9 14.9



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

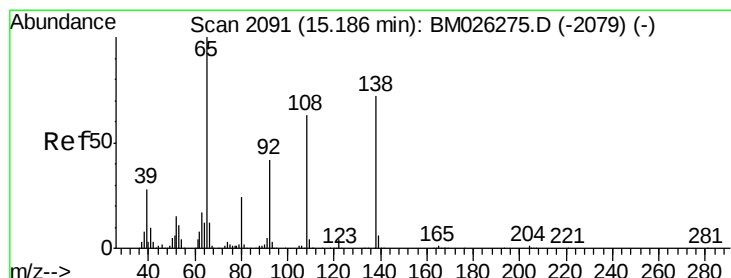
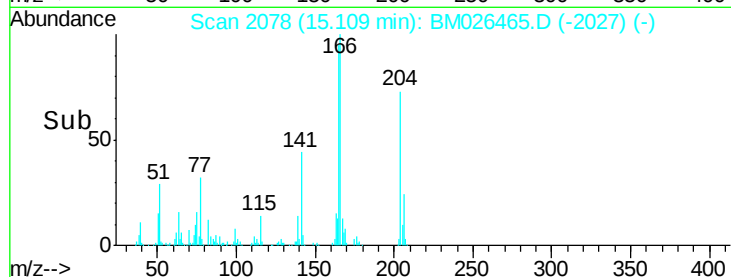
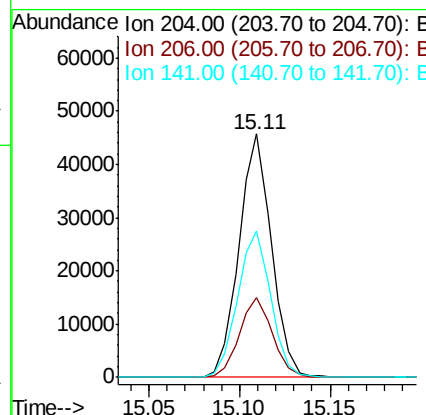
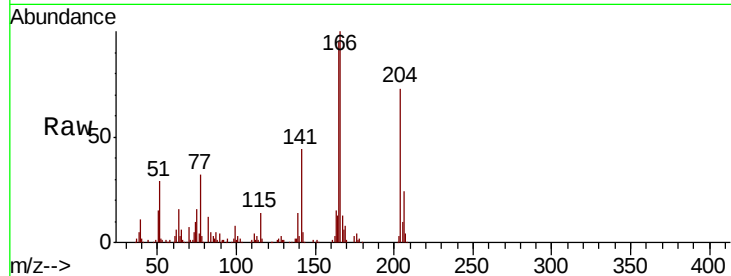




#61
4-Chlorophenyl-phenylether
Concen: 4.989 ng
RT: 15.11 min Scan# 2078
Delta R.T. -0.00 min
Lab File: BM026465.D
Acq: 19 Jun 2020 11:48

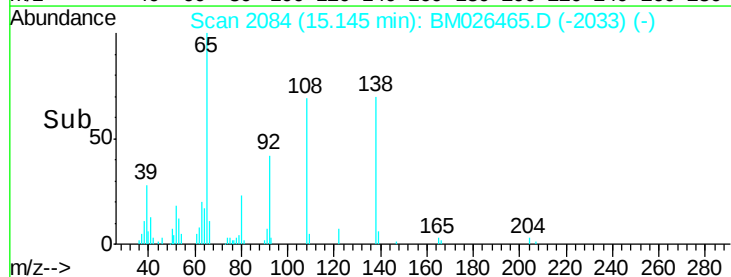
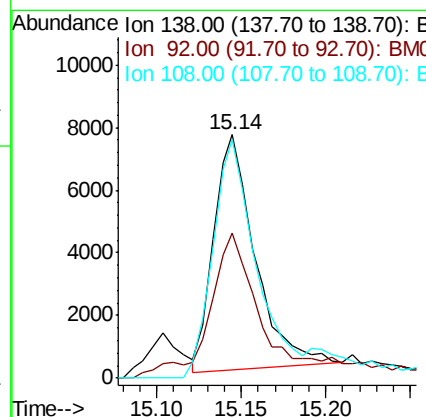
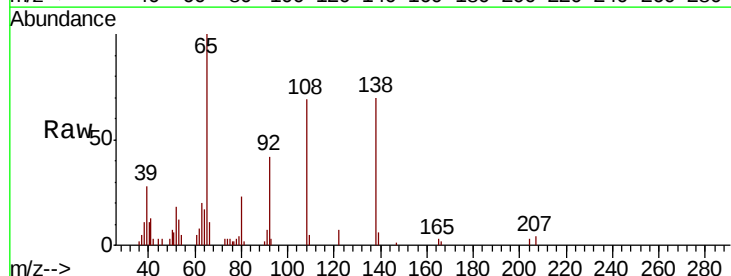
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2020

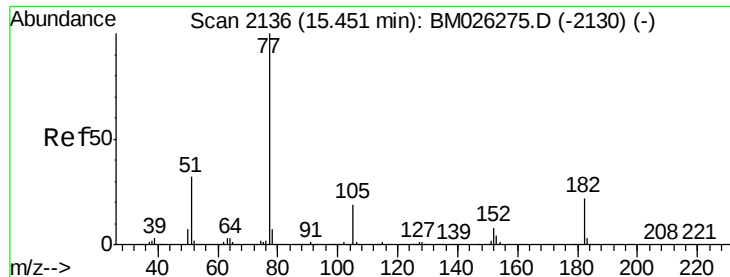
Tot Ion:204 Resp: 56904
Ion Ratio Lower Upper
204 100
206 32.5 26.6 40.0
141 60.0 49.4 74.2



#62
4-Nitroaniline
Concen: 2.246 ng
RT: 15.14 min Scan# 2084
Delta R.T. -0.00 min
Lab File: BM026465.D
Acq: 19 Jun 2020 11:48

Tgt Ion:138 Resp: 12864
Ion Ratio Lower Upper
138 100
92 59.4 37.5 77.5
108 97.9 66.3 106.3





#63

Azobenzene

Concen: 5.054 ng

RT: 15.40 min Scan# 2128

Delta R.T. -0.00 min

Lab File: BM026465.D

Acq: 19 Jun 2020 11:48

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2020

Tot Ion: 77 Resp: 123789

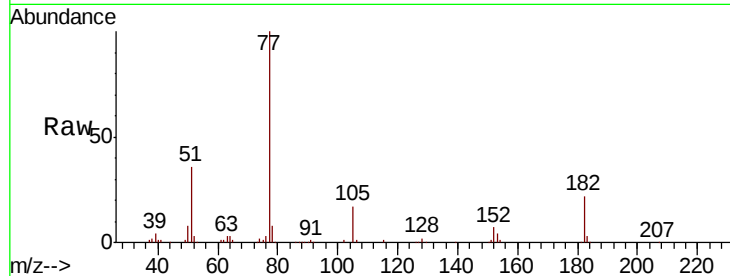
Ion Ratio Lower Upper

77 100

182 22.4 2.1 42.1

105 17.3 0.0 38.3

51 35.6 13.5 53.5

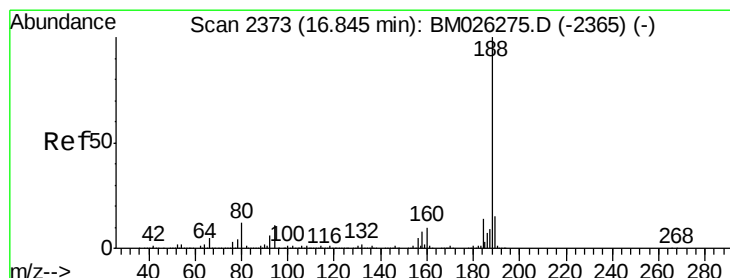
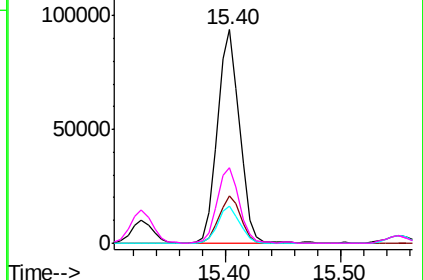
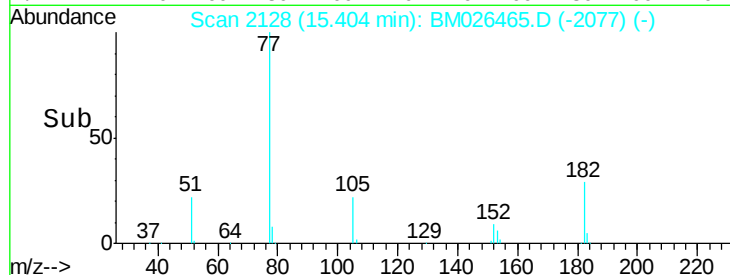


Abundance Ion 77.00 (76.70 to 77.70): BM026465.D (-2130) (-)

Ion 182.00 (181.70 to 182.70): BM026465.D (-2130) (-)

Ion 105.00 (104.70 to 105.70): BM026465.D (-2130) (-)

Ion 51.00 (50.70 to 51.70): BM026465.D (-2130) (-)



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.80 min Scan# 2365

Delta R.T. -0.01 min

Lab File: BM026465.D

Acq: 19 Jun 2020 11:48

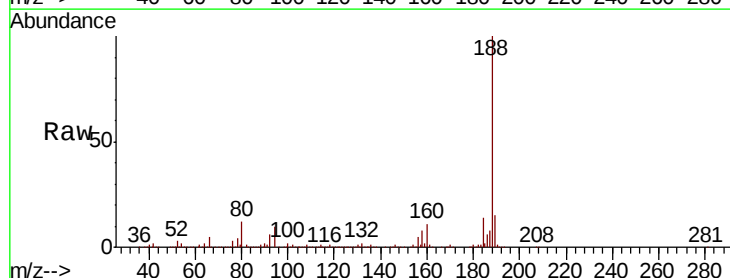
Tgt Ion: 188 Resp: 672018

Ion Ratio Lower Upper

188 100

94 9.9 7.8 11.6

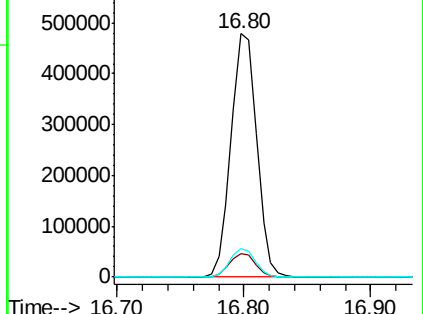
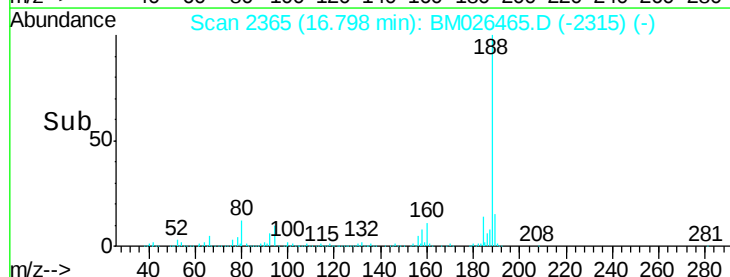
80 11.8 9.5 14.3

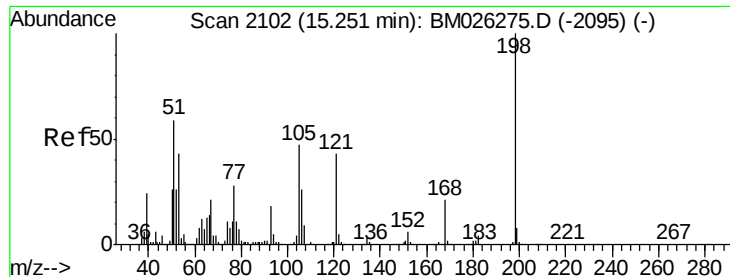


Abundance Ion 188.00 (187.70 to 188.70): BM026465.D (-2315) (-)

Ion 94.00 (93.70 to 94.70): BM026465.D (-2315) (-)

Ion 80.00 (79.70 to 80.70): BM026465.D (-2315) (-)

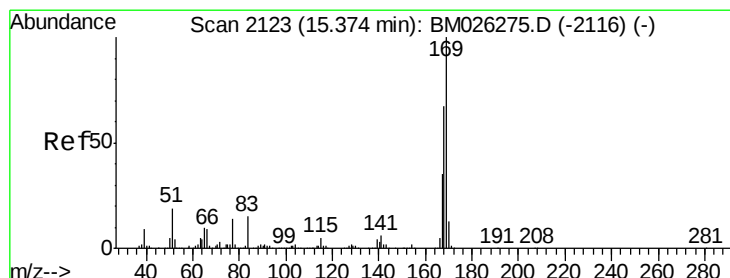
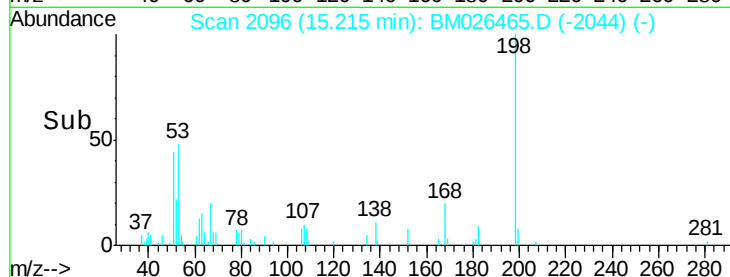
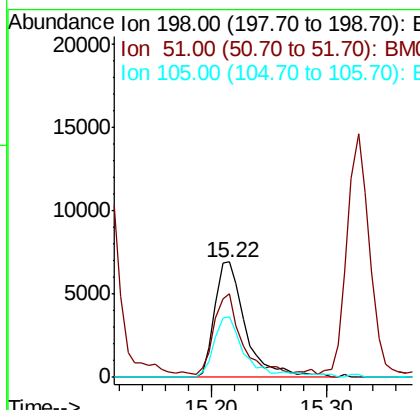
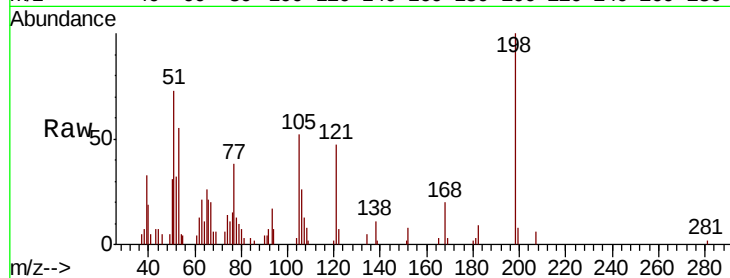




#65
4,6-Dinitro-2-methylphenol
Concen: 3.148 ng
RT: 15.22 min Scan# 2096
Delta R.T. 0.01 min
Lab File: BM026465.D
Acq: 19 Jun 2020 11:48

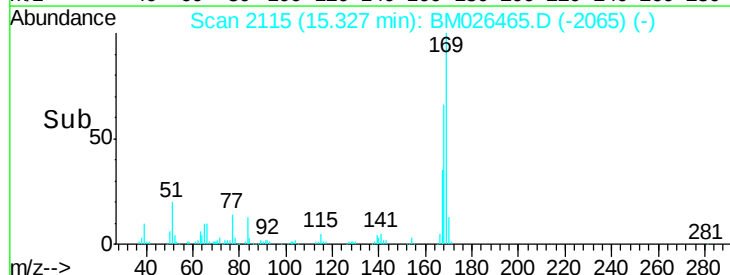
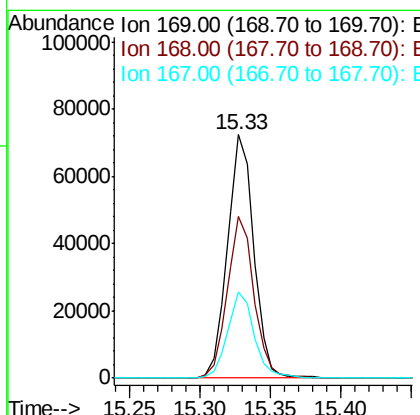
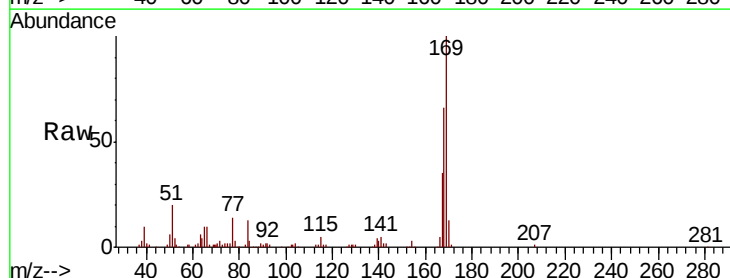
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2020

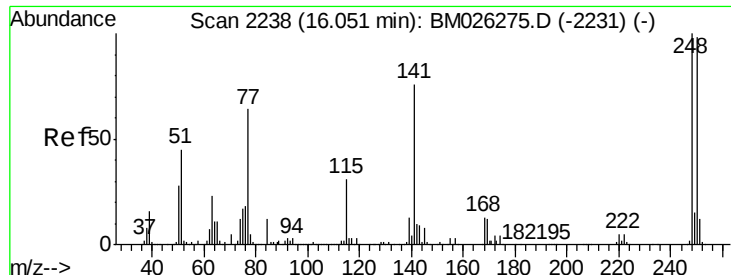
Tot Ion:198 Resp: 12865
Ion Ratio Lower Upper
198 100
51 72.9 35.6 75.6
105 52.3 24.3 64.3



#66
n-Nitrosodiphenylamine
Concen: 4.829 ng
RT: 15.33 min Scan# 2115
Delta R.T. -0.01 min
Lab File: BM026465.D
Acq: 19 Jun 2020 11:48

Tgt Ion:169 Resp: 94009
Ion Ratio Lower Upper
169 100
168 66.2 51.6 77.4
167 35.2 28.2 42.4

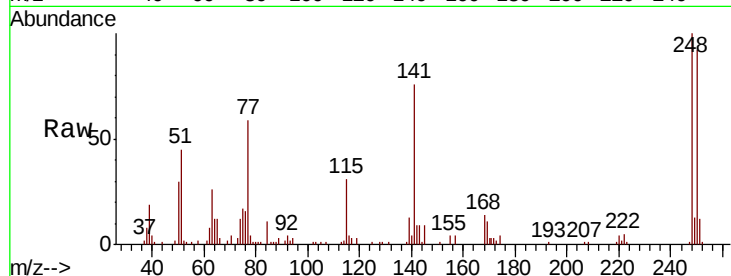




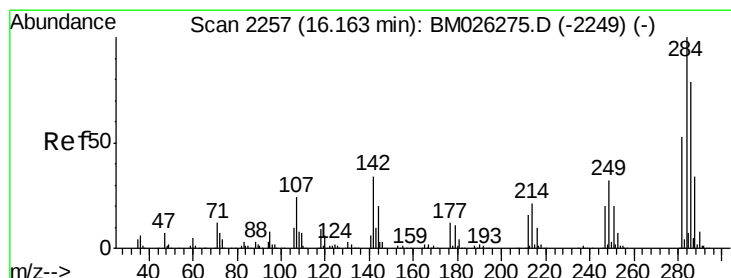
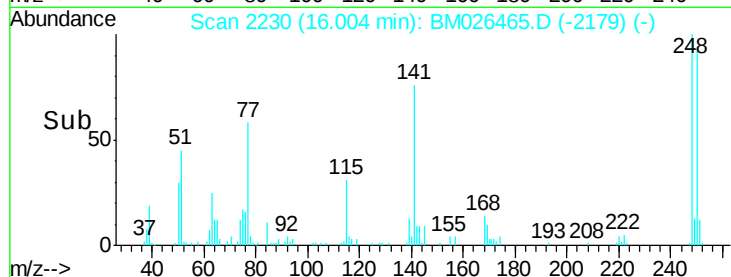
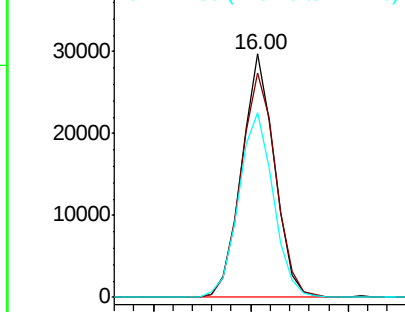
#67
4-Bromophenyl-phenylether
Concen: 4.675 ng
RT: 16.00 min Scan# 2230
Delta R.T. -0.00 min
Lab File: BM026465.D
Acq: 19 Jun 2020 11:48

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

Tot Ion:248 Resp: 34582
Ion Ratio Lower Upper
248 100
250 92.2 78.4 117.6
141 75.6 60.6 91.0

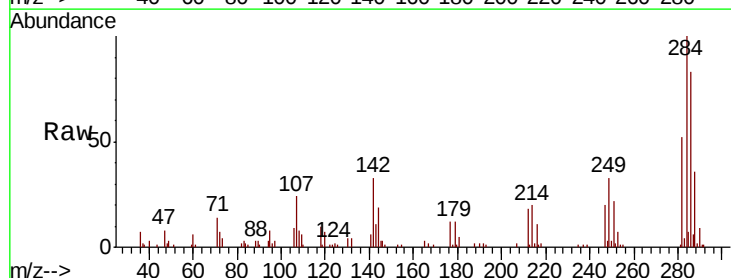


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

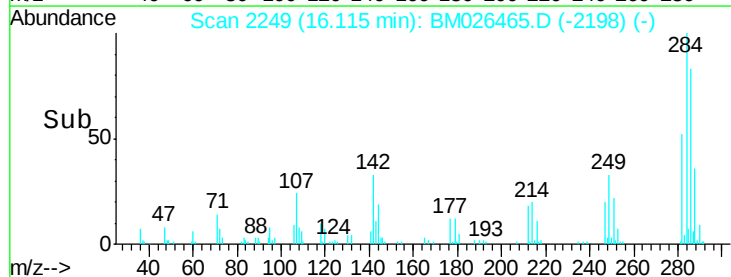
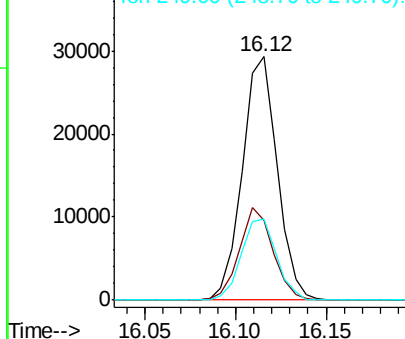


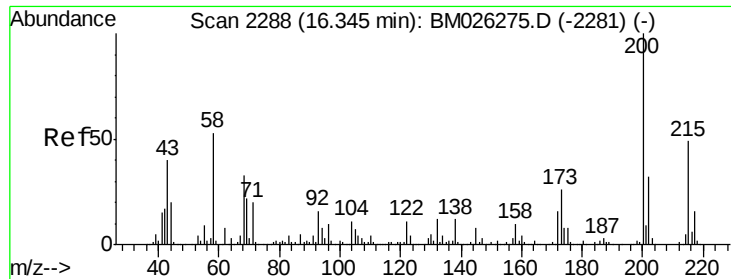
#68
Hexachlorobenzene
Concen: 5.079 ng
RT: 16.12 min Scan# 2249
Delta R.T. -0.00 min
Lab File: BM026465.D
Acq: 19 Jun 2020 11:48

Tgt Ion:284 Resp: 39207
Ion Ratio Lower Upper
284 100
142 32.5 29.1 43.7
249 33.3 27.2 40.8



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

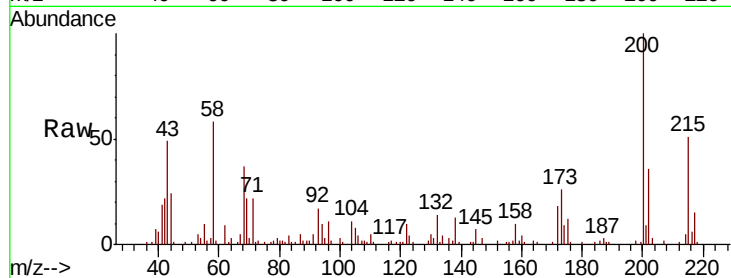




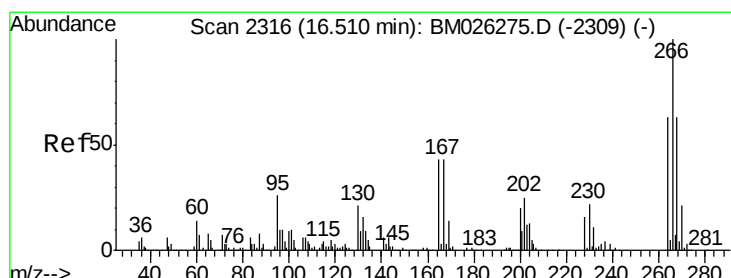
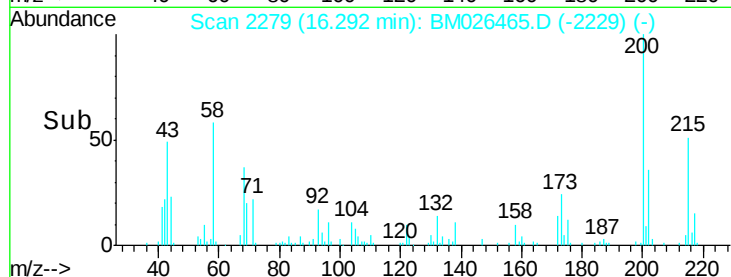
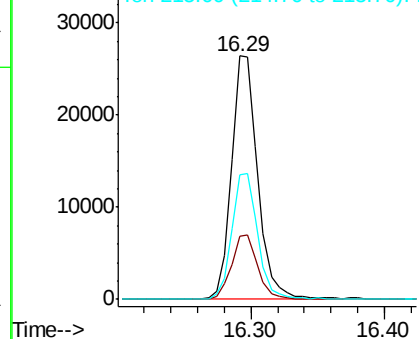
#69
Atrazine
Concen: 6.290 ng
RT: 16.29 min Scan# 2279
Delta R.T. -0.01 min
Lab File: BM026465.D
Acq: 19 Jun 2020 11:48

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

Tot Ion:200 Resp: 36584
Ion Ratio Lower Upper
200 100
173 25.8 6.6 46.6
215 51.2 29.8 69.8

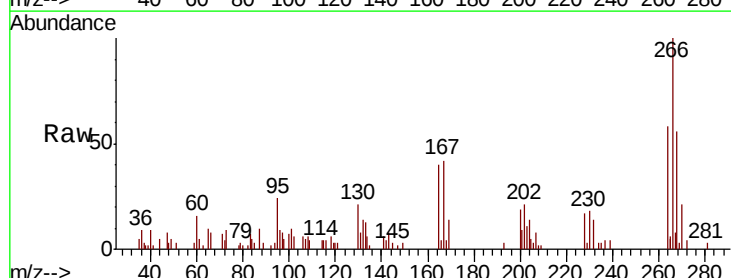


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

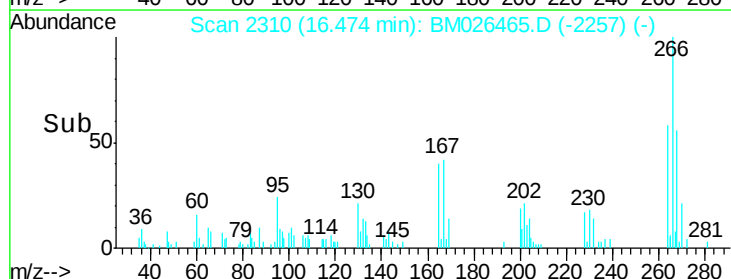
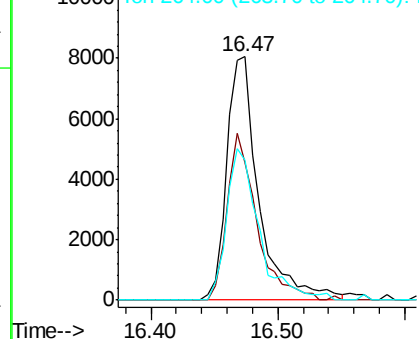


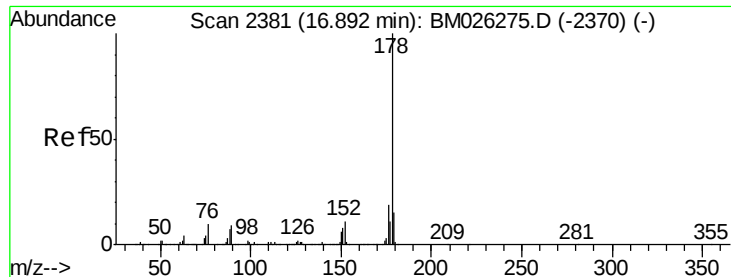
#70
Pentachlorophenol
Concen: 3.046 ng
RT: 16.47 min Scan# 2310
Delta R.T. 0.01 min
Lab File: BM026465.D
Acq: 19 Jun 2020 11:48

Tgt Ion:266 Resp: 14160
Ion Ratio Lower Upper
266 100
268 59.3 50.2 75.4
264 63.0 50.6 75.8



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

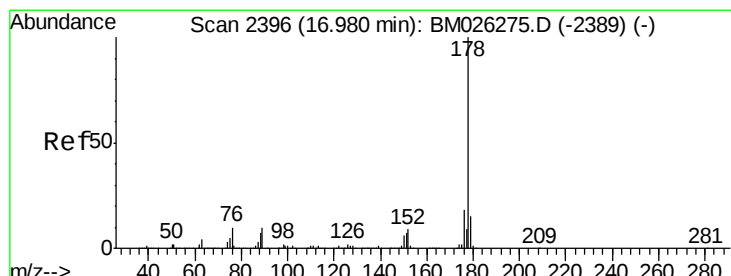
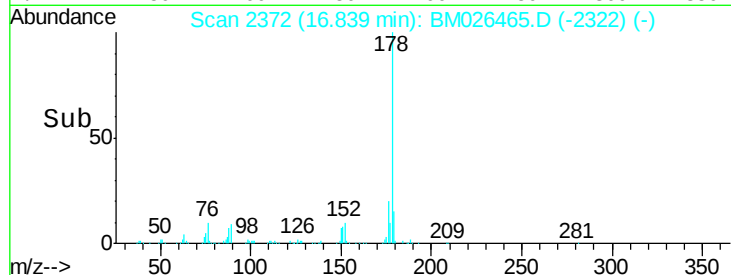
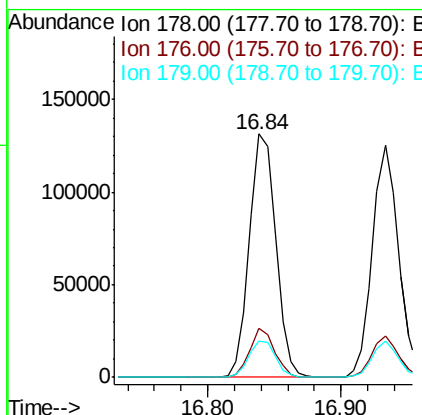
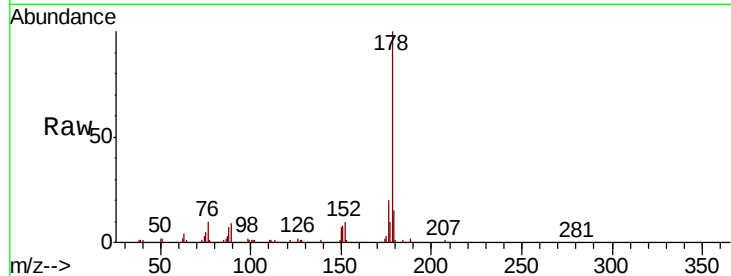




#71
Phenanthrene
Concen: 5.130 ng
RT: 16.84 min Scan# 2372
Delta R.T. -0.01 min
Lab File: BM026465.D
Acq: 19 Jun 2020 11:48

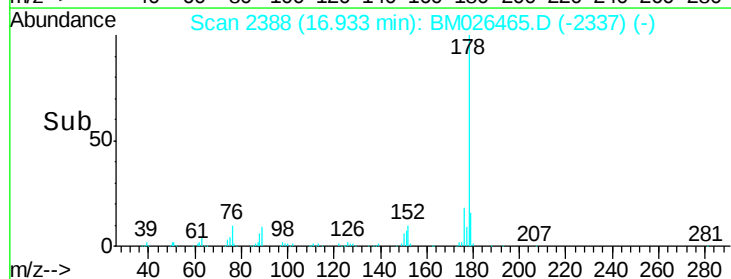
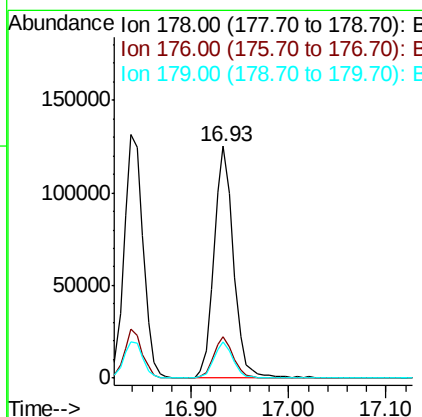
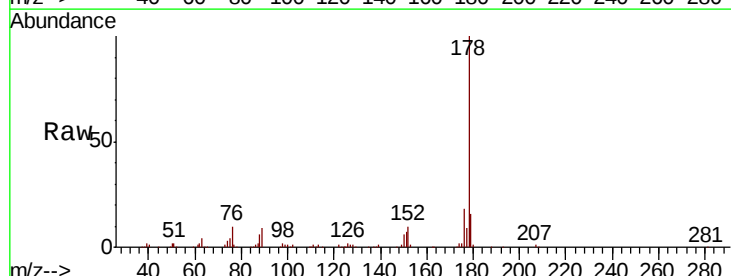
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2020

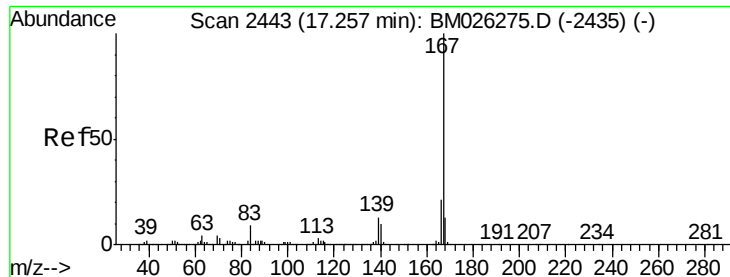
Tot Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.1	22.7
179	14.8	12.3	18.5



#72
Anthracene
Concen: 4.937 ng
RT: 16.93 min Scan# 2388
Delta R.T. -0.00 min
Lab File: BM026465.D
Acq: 19 Jun 2020 11:48

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.0	14.5	21.7
179	15.5	12.3	18.5

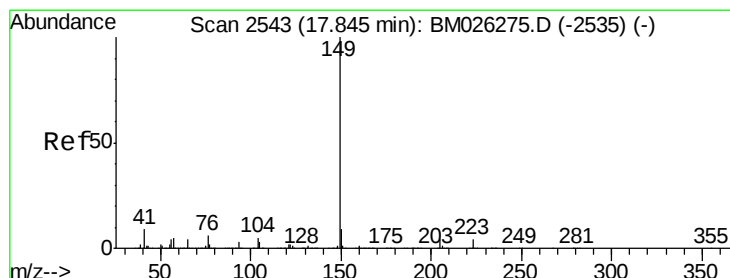
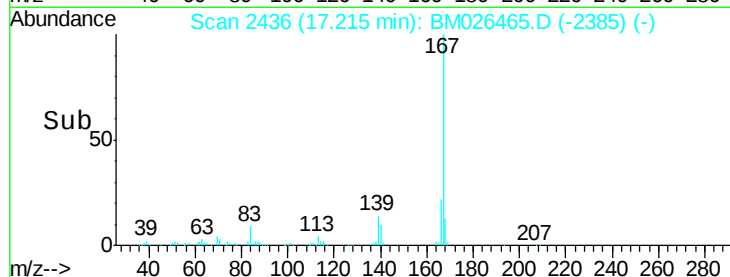
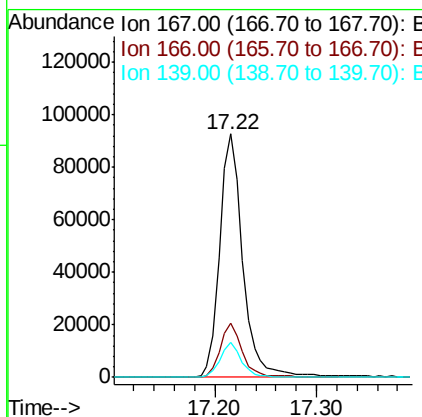
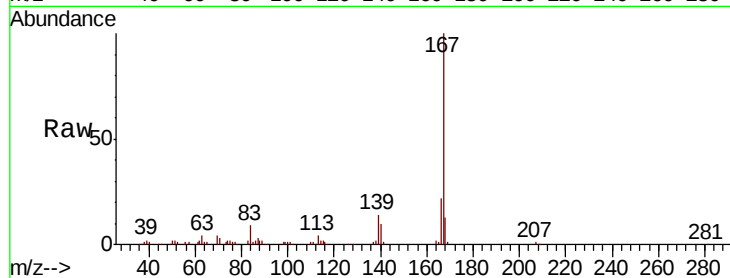




#73
 Carbazole
 Concen: 4.450 ng
 RT: 17.22 min Scan# 2436
 Delta R.T. -0.00 min
 Lab File: BM026465.D
 Acq: 19 Jun 2020 11:48

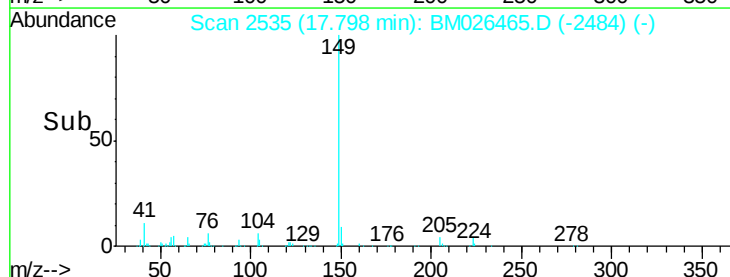
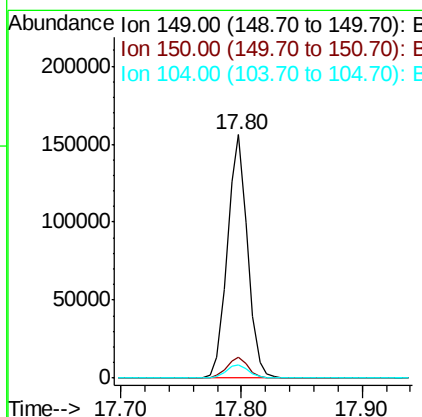
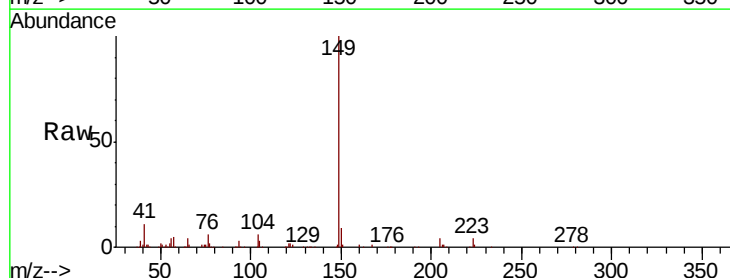
Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2020

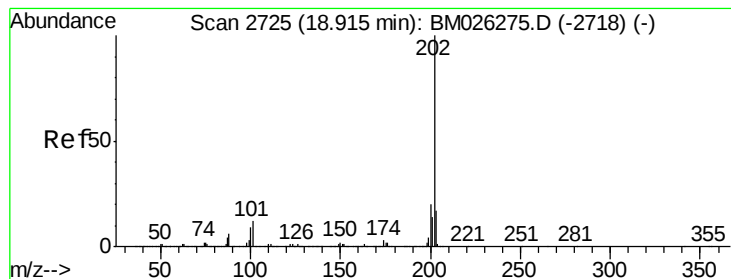
Tot Ion:167 Resp: 147388
 Ion Ratio Lower Upper
 167 100
 166 22.5 16.9 25.3
 139 14.2 10.2 15.4



#74
 Di-n-butylphthalate
 Concen: 4.610 ng
 RT: 17.80 min Scan# 2535
 Delta R.T. -0.00 min
 Lab File: BM026465.D
 Acq: 19 Jun 2020 11:48

Tgt Ion:149 Resp: 180051
 Ion Ratio Lower Upper
 149 100
 150 8.7 7.1 10.7
 104 5.6 4.2 6.2





#75

Fluoranthene

Concen: 5.157 ng

RT: 18.87 min Scan# 2717

Delta R.T. -0.01 min

Lab File: BM026465.D

Acq: 19 Jun 2020 11:48

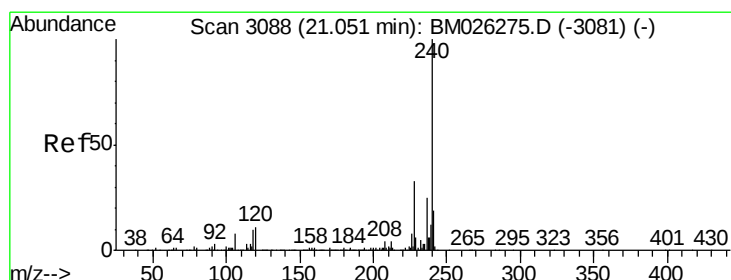
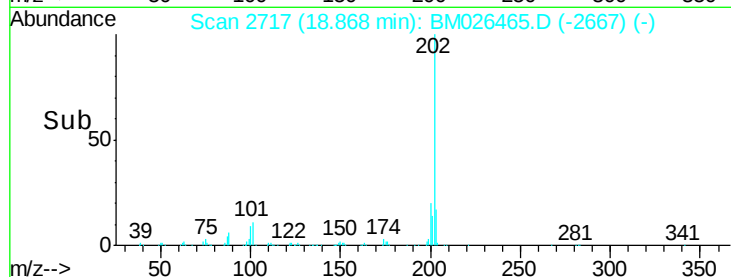
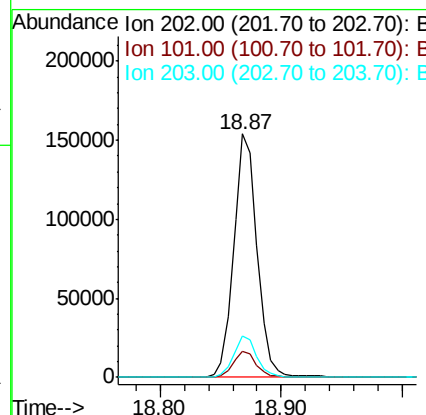
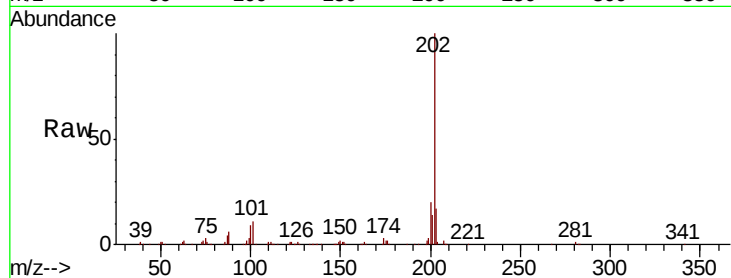
Instrument :

BNA_M

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2020

Tot Ion:	202	Resp:	206927
Ion Ratio	Lower	Upper	
202	100		
101	10.7	0.0	31.9
203	17.2	0.0	37.5



#76

Chrysene-d12

Concen: 20.000 ng

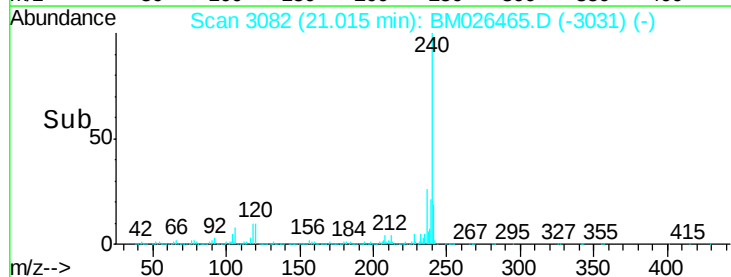
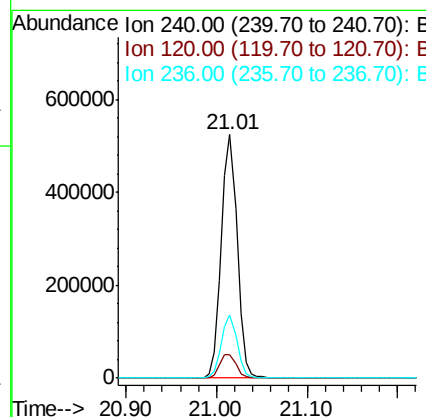
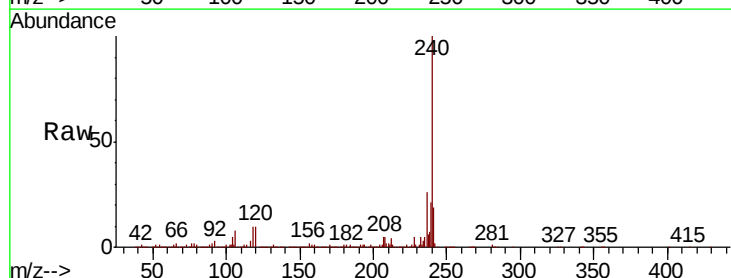
RT: 21.01 min Scan# 3082

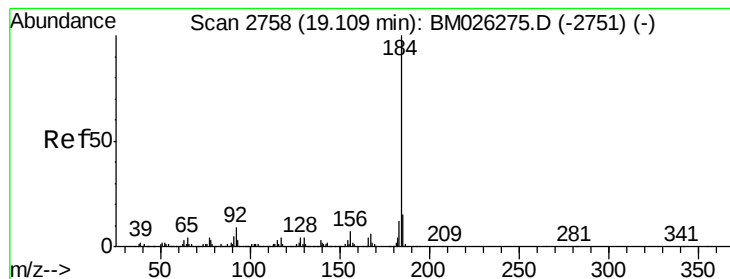
Delta R.T. -0.00 min

Lab File: BM026465.D

Acq: 19 Jun 2020 11:48

Tgt Ion:	240	Resp:	637097
Ion Ratio	Lower	Upper	
240	100		
120	9.8	9.3	13.9
236	25.7	19.4	29.0





#77

Benzidine

Concen: 4.262 ng

RT: 19.07 min Scan# 2752

Delta R.T. -0.00 min

Lab File: BM026465.D

Acq: 19 Jun 2020 11:48

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2020

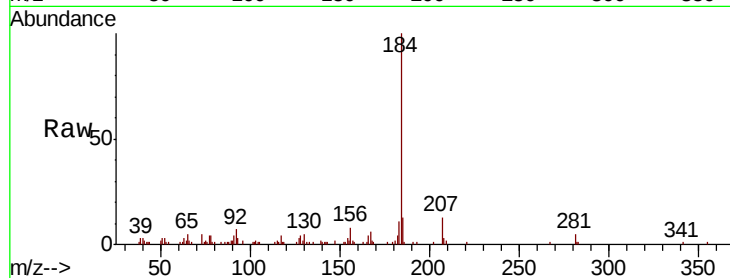
Tot Ion:184 Resp: 56405

Ion Ratio Lower Upper

184 100

185 13.4 11.2 16.8

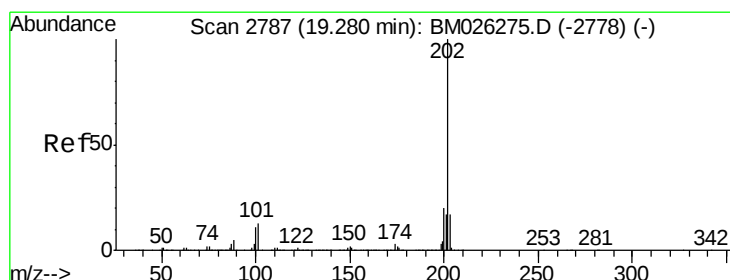
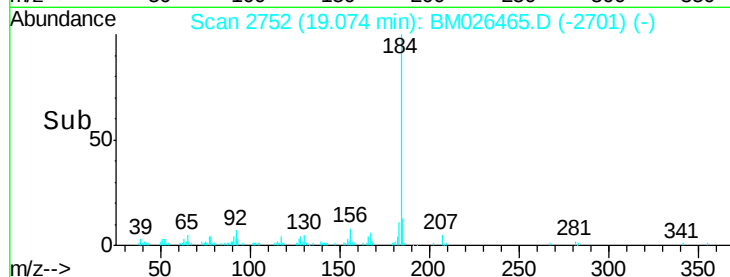
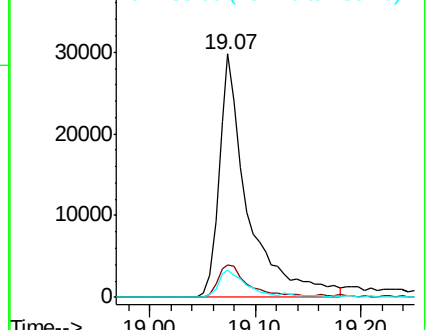
183 11.4 9.4 14.2



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 5.117 ng

RT: 19.23 min Scan# 2779

Delta R.T. -0.01 min

Lab File: BM026465.D

Acq: 19 Jun 2020 11:48

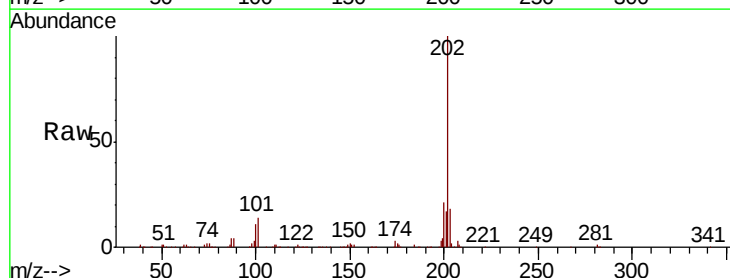
Tgt Ion:202 Resp: 215393

Ion Ratio Lower Upper

202 100

200 21.0 16.3 24.5

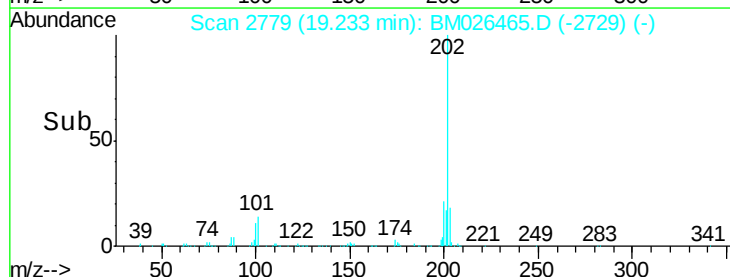
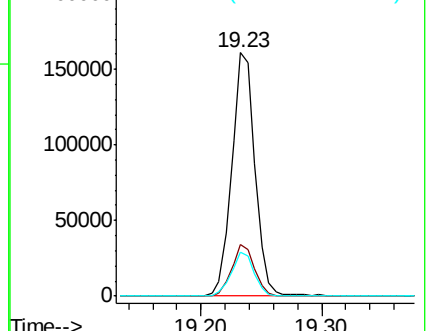
203 17.9 13.8 20.6

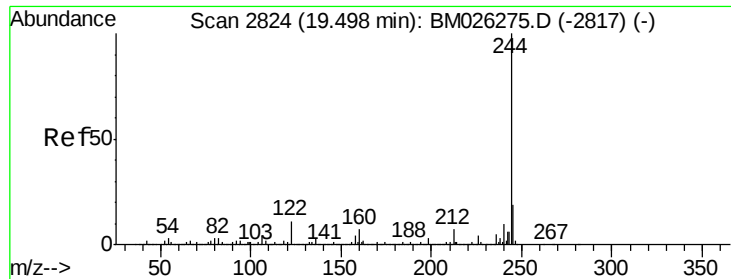


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 122.447 ng

RT: 19.46 min Scan# 2818

Delta R.T. -0.00 min

Lab File: BM026465.D

Acq: 19 Jun 2020 11:48

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2020

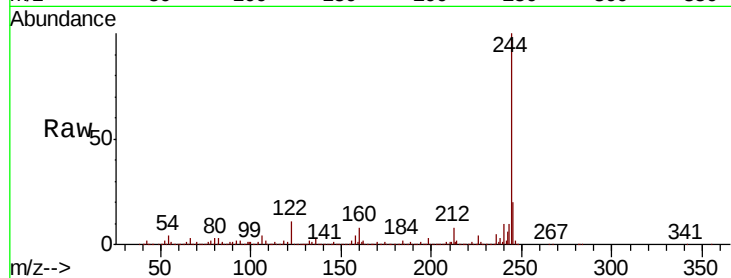
Tot Ion:244 Resp: 4018738

Ion Ratio Lower Upper

244 100

212 7.6 5.9 8.9

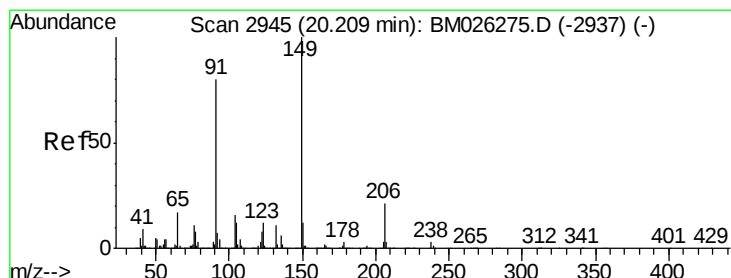
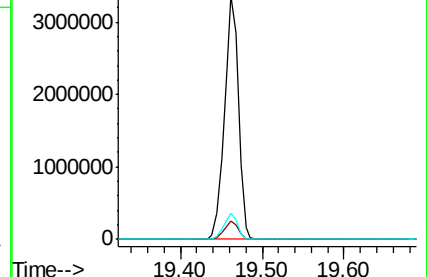
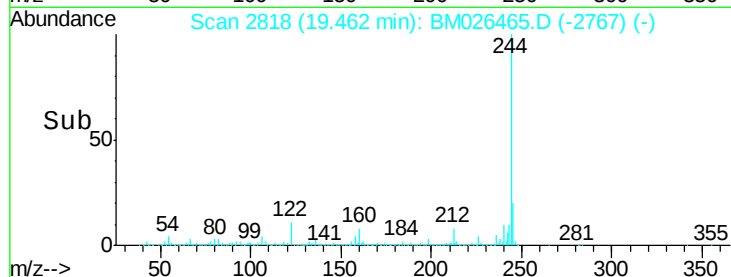
122 10.9 8.6 13.0



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 4.584 ng

RT: 20.17 min Scan# 2939

Delta R.T. -0.00 min

Lab File: BM026465.D

Acq: 19 Jun 2020 11:48

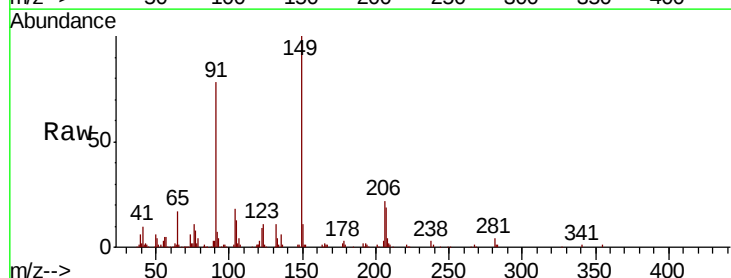
Tgt Ion:149 Resp: 78027

Ion Ratio Lower Upper

149 100

91 78.4 64.6 97.0

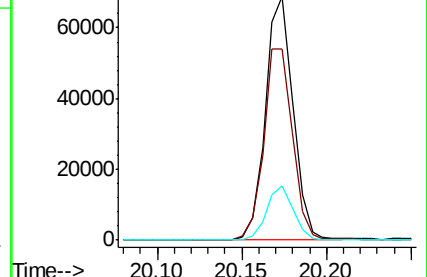
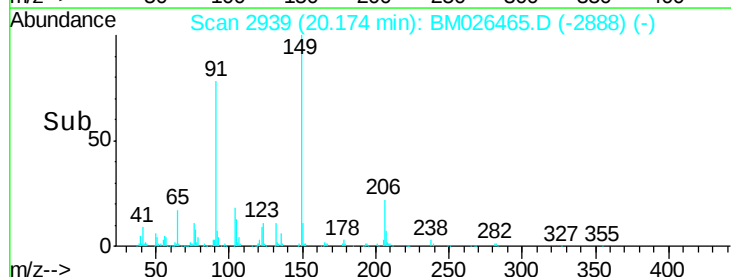
206 22.1 17.6 26.4

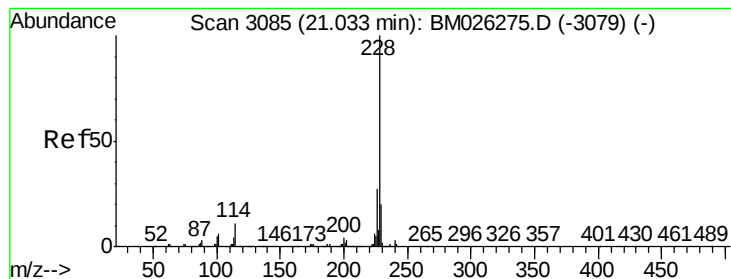


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 5.380 ng

RT: 21.00 min Scan# 3079

Delta R.T. -0.01 min

Lab File: BM026465.D

Acq: 19 Jun 2020 11:48

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2020

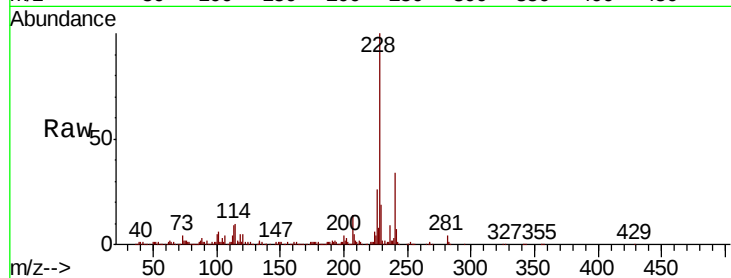
Tot Ion:228 Resp: 205738

Ion Ratio Lower Upper

228 100

226 25.6 21.1 31.7

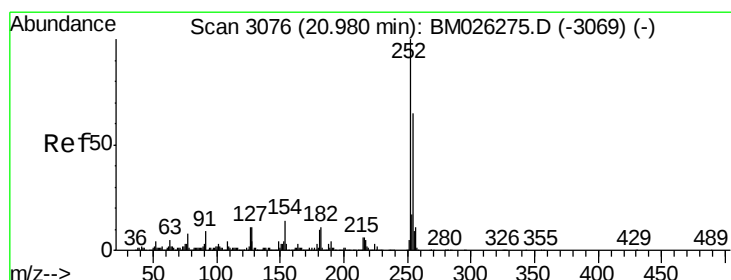
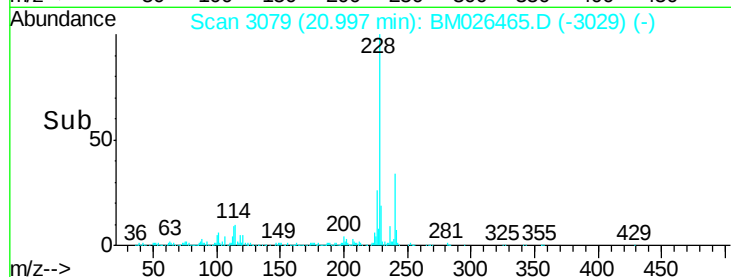
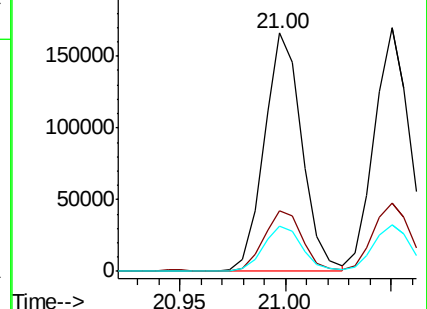
229 18.8 15.7 23.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 5.928 ng

RT: 20.94 min Scan# 3070

Delta R.T. -0.00 min

Lab File: BM026465.D

Acq: 19 Jun 2020 11:48

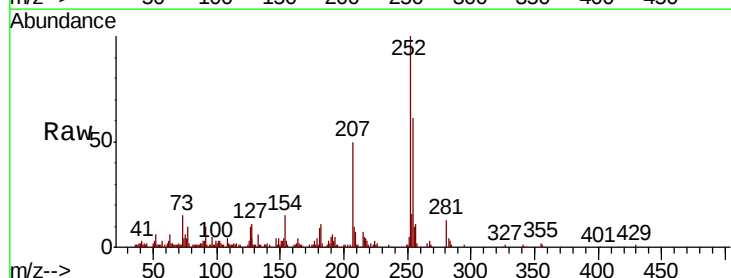
Tgt Ion:252 Resp: 70141

Ion Ratio Lower Upper

252 100

254 61.1 51.0 76.6

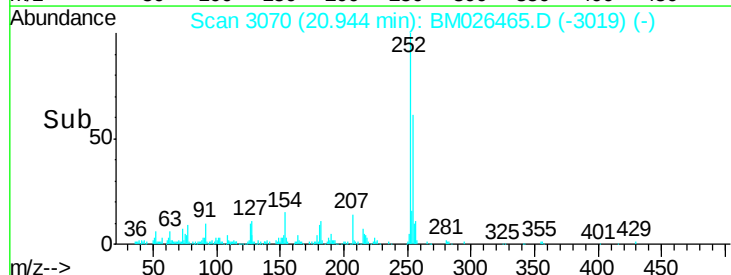
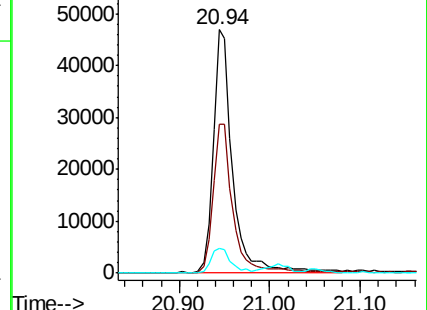
126 10.0 9.2 13.8

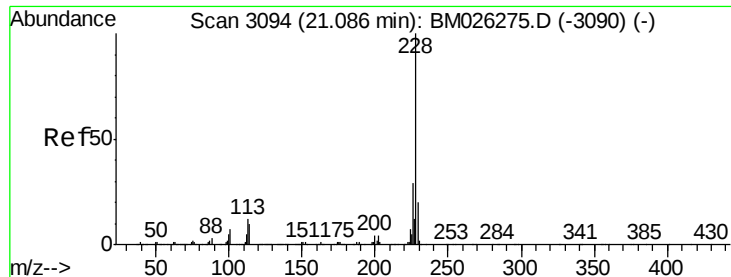


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 5.542 ng

RT: 21.05 min Scan# 3088

Delta R.T. -0.01 min

Lab File: BM026465.D

Acq: 19 Jun 2020 11:48

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2020

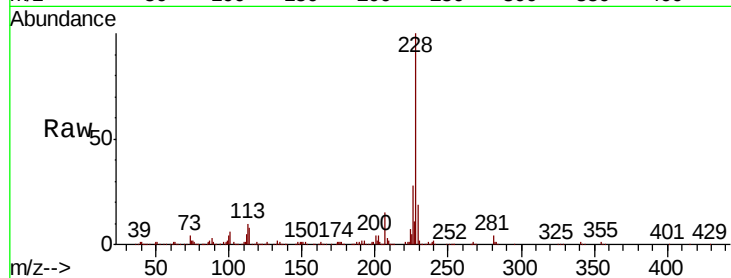
Tot Ion:228 Resp: 201961

Ion Ratio Lower Upper

228 100

226 27.9 23.8 35.6

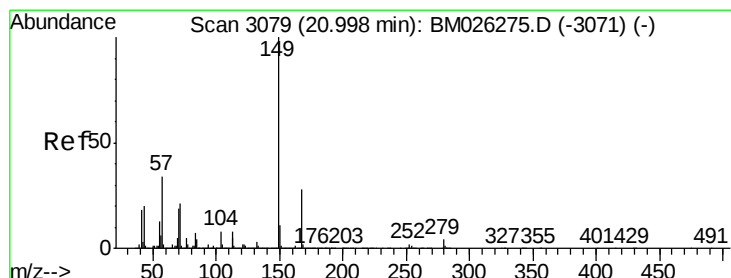
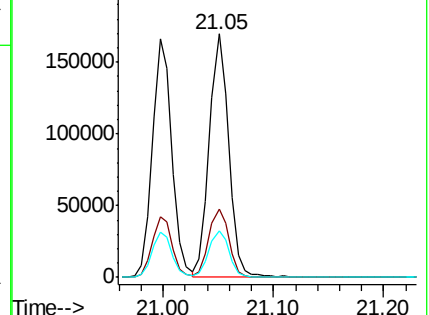
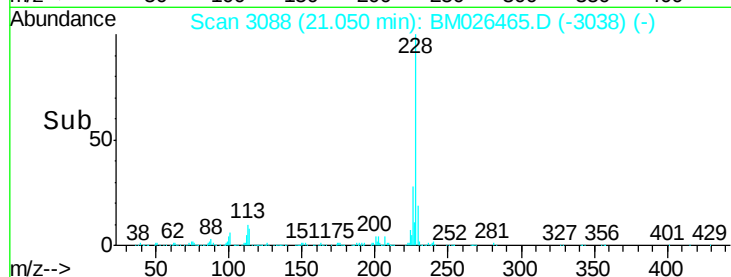
229 19.1 15.5 23.3



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: 4.835 ng

RT: 20.96 min Scan# 3073

Delta R.T. -0.01 min

Lab File: BM026465.D

Acq: 19 Jun 2020 11:48

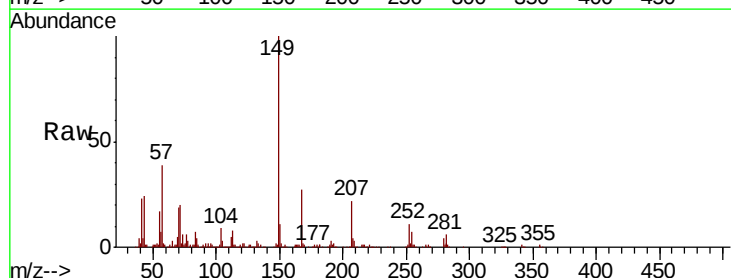
Tgt Ion:149 Resp: 117345

Ion Ratio Lower Upper

149 100

167 27.5 22.0 33.0

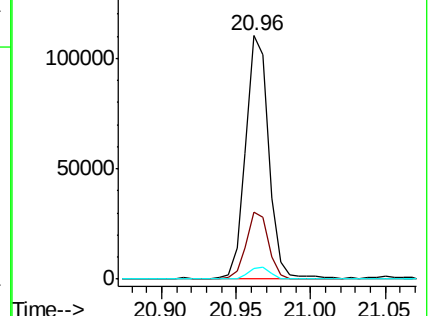
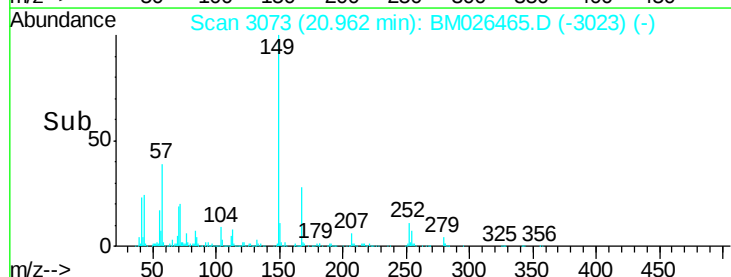
279 4.3 3.7 5.5

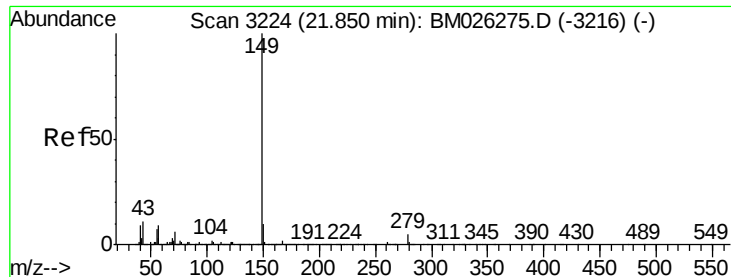


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 4.862 ng

RT: 21.81 min Scan# 3217

Delta R.T. -0.00 min

Lab File: BM026465.D

Acq: 19 Jun 2020 11:48

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2020

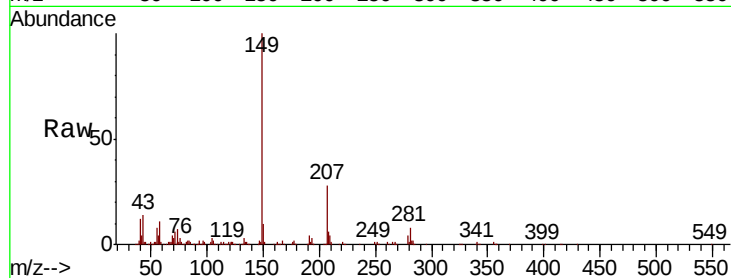
Tot Ion:149 Resp: 182067

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

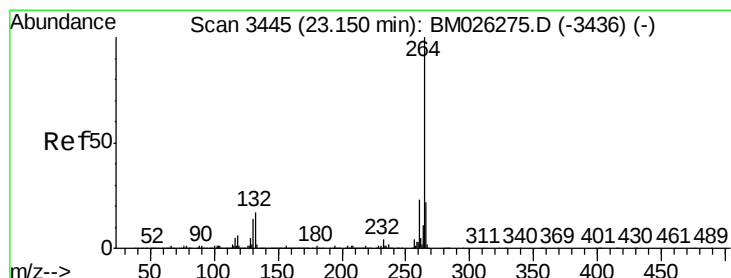
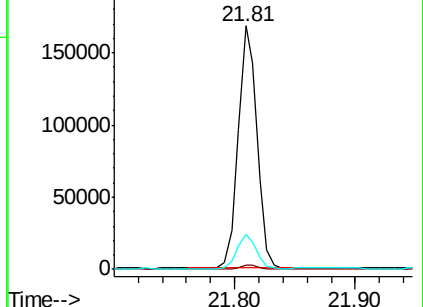
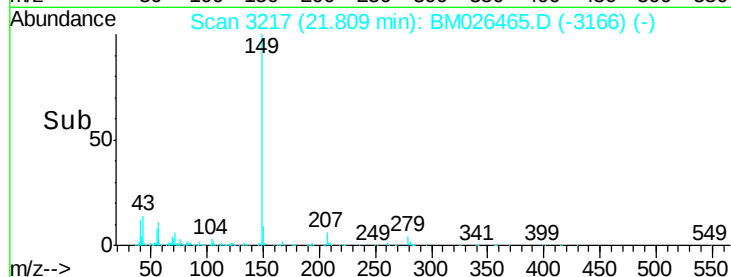
43 14.6 10.3 15.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.10 min Scan# 3437

Delta R.T. -0.00 min

Lab File: BM026465.D

Acq: 19 Jun 2020 11:48

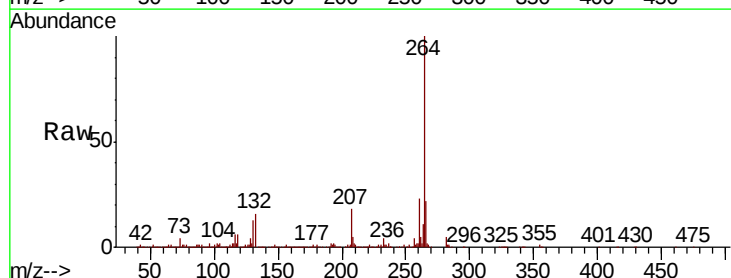
Tgt Ion:264 Resp: 589974

Ion Ratio Lower Upper

264 100

260 22.5 18.6 28.0

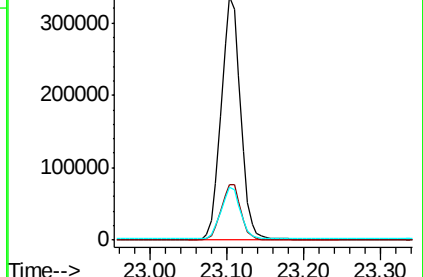
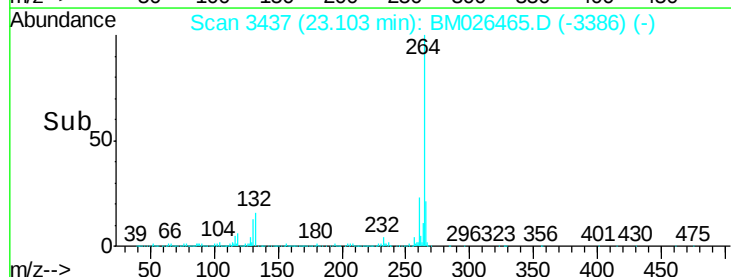
265 21.6 17.8 26.6

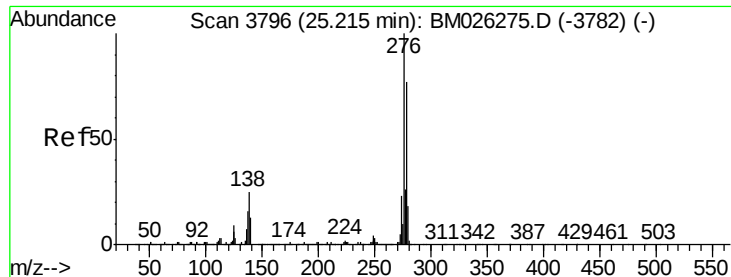


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

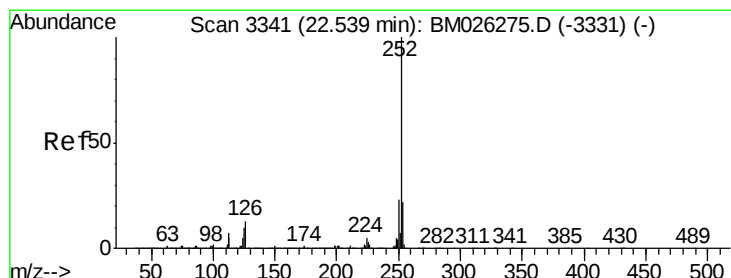
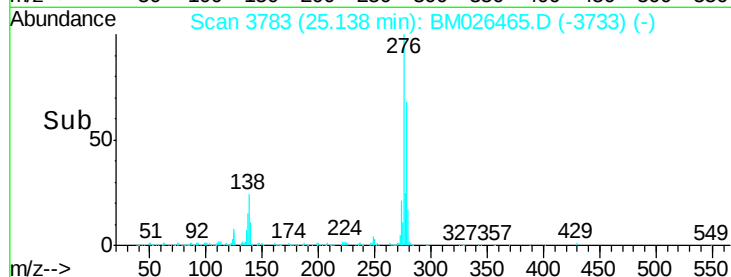
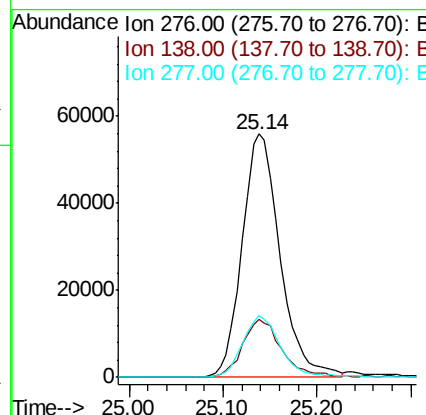
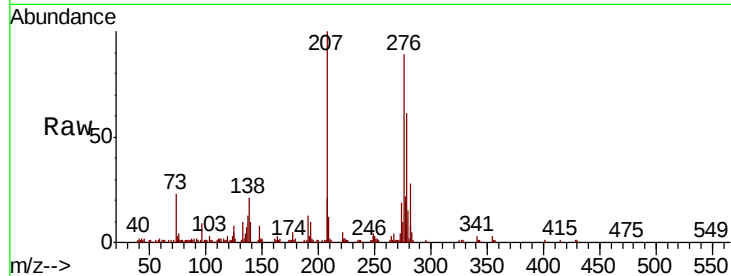




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 4.587 ng
 RT: 25.14 min Scan# 3783
 Delta R.T. -0.01 min
 Lab File: BM026465.D
 Acq: 19 Jun 2020 11:48

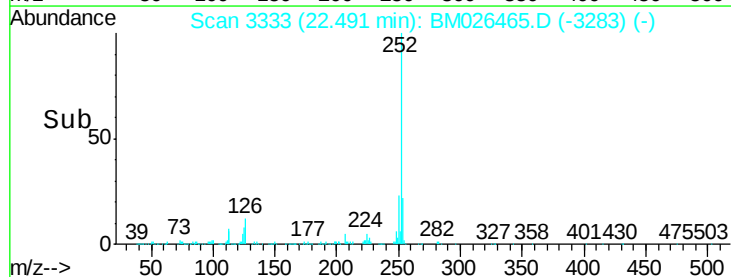
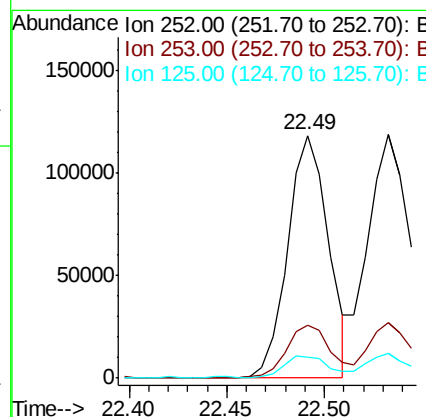
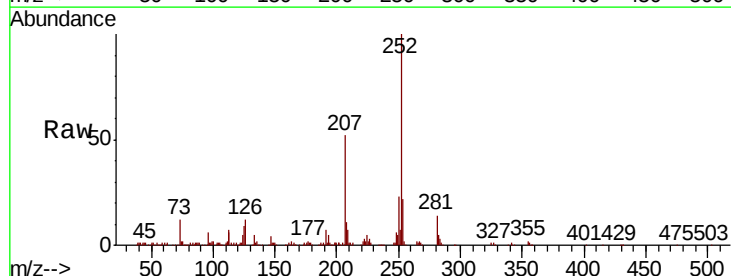
Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2020

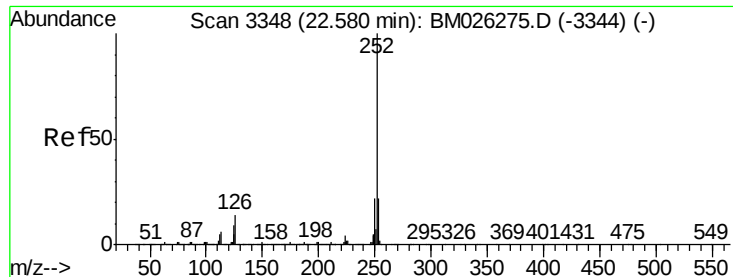
Tot Ion	Ratio	Lower	Upper
276	100		
138	24.7	19.0	28.6
277	25.6	20.2	30.4



#88
 Benzo(b)fluoranthene
 Concen: 4.800 ng
 RT: 22.49 min Scan# 3333
 Delta R.T. -0.01 min
 Lab File: BM026465.D
 Acq: 19 Jun 2020 11:48

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.6	26.4
125	8.8	8.0	12.0

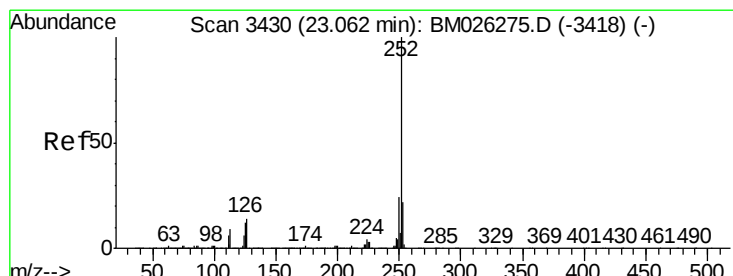
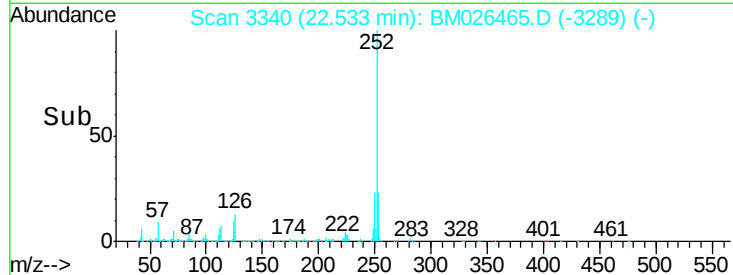
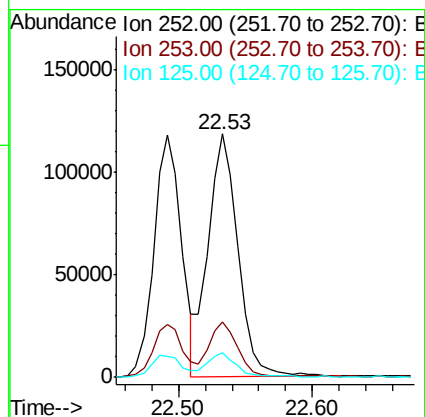
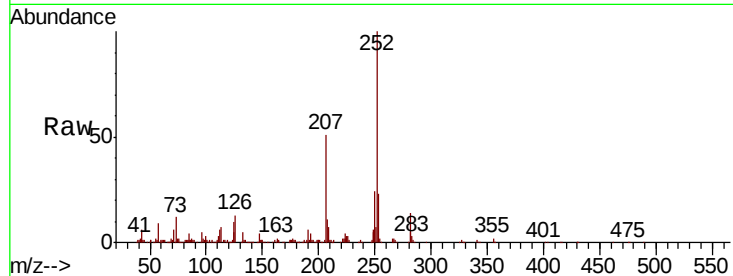




#89
Benzo(k)fluoranthene
Concen: 5.350 ng
RT: 22.53 min Scan# 3340
Delta R.T. -0.00 min
Lab File: BM026465.D
Acq: 19 Jun 2020 11:48

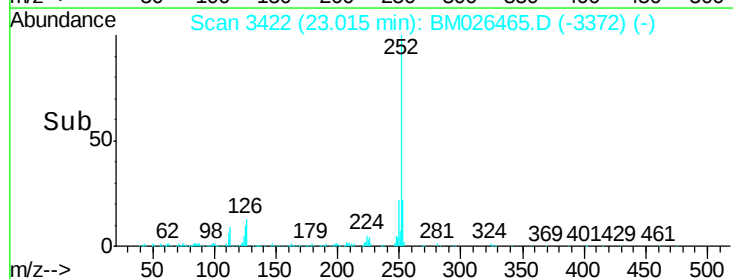
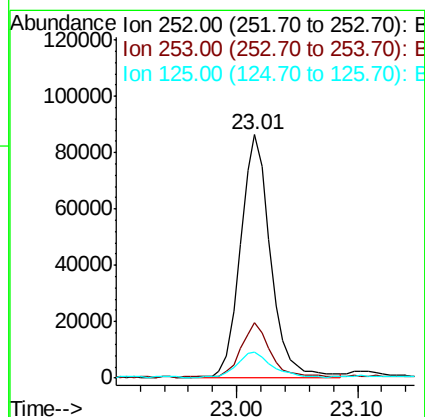
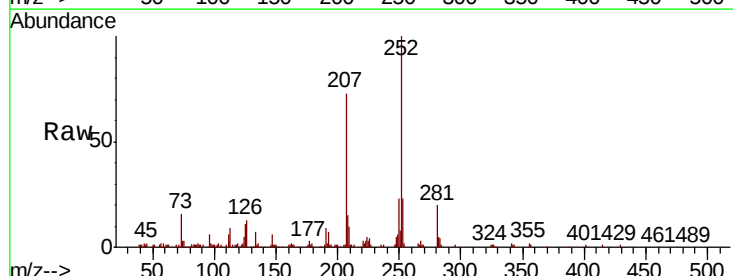
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2020

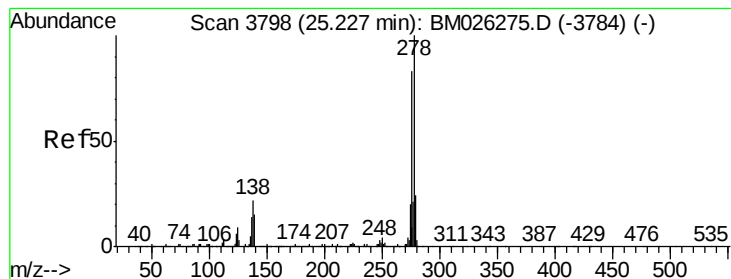
Tot Ion:252 Resp: 184464
Ion Ratio Lower Upper
252 100
253 22.9 17.2 25.8
125 10.2 7.8 11.8



#90
Benzo(a)pyrene
Concen: 4.726 ng
RT: 23.01 min Scan# 3422
Delta R.T. -0.01 min
Lab File: BM026465.D
Acq: 19 Jun 2020 11:48

Tgt Ion:252 Resp: 148955
Ion Ratio Lower Upper
252 100
253 22.7 17.3 25.9
125 10.9 8.6 12.8





#91

Dibenzo(a,h)anthracene

Concen: 4.735 ng

RT: 25.15 min Scan# 3785

Delta R.T. -0.01 min

Lab File: BM026465.D

Acq: 19 Jun 2020 11:48

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2020

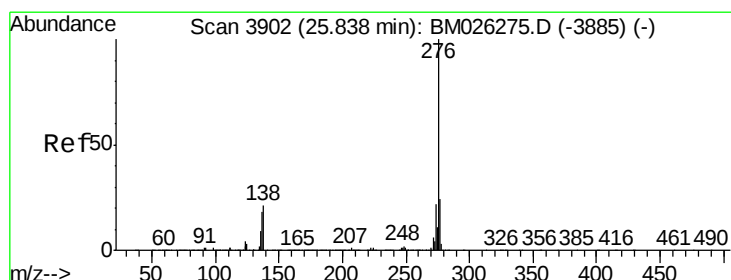
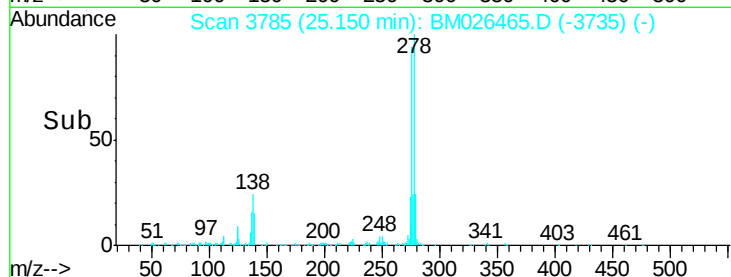
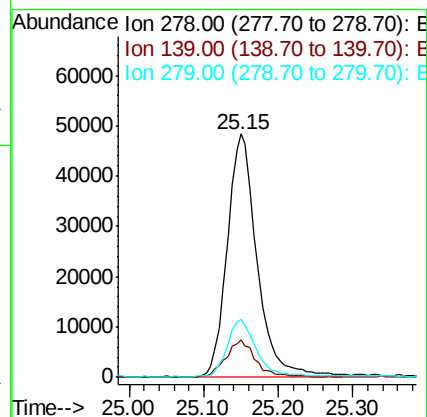
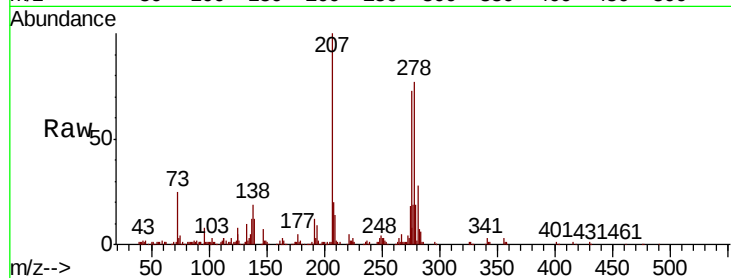
Tot Ion:278 Resp: 134914

Ion Ratio Lower Upper

278 100

139 15.2 12.3 18.5

279 24.0 18.9 28.3



#92

Benzo(g,h,i)perylene

Concen: 4.898 ng

RT: 25.76 min Scan# 3888

Delta R.T. -0.00 min

Lab File: BM026465.D

Acq: 19 Jun 2020 11:48

Tgt Ion:276 Resp: 132797

Ion Ratio Lower Upper

276 100

277 22.7 19.0 28.4

138 20.6 16.2 24.4

