

#1

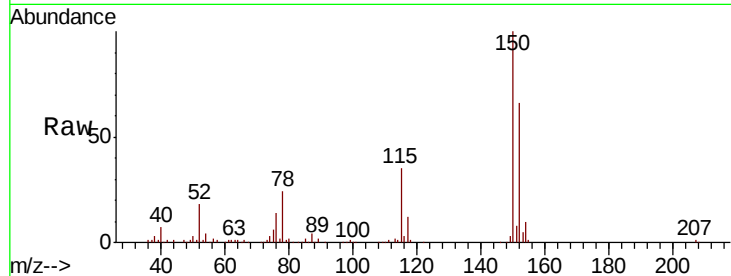
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.77 min Scan# 814
Delta R.T. -0.01 min
Lab File: BM021144.D
Acq: 24 Jun 2019 12:20

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2019

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.5	123.1	184.7
115	53.4	44.2	66.4

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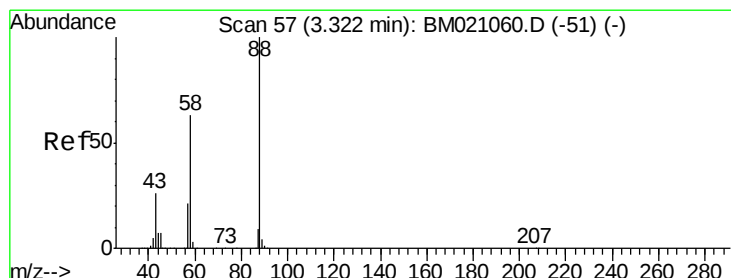
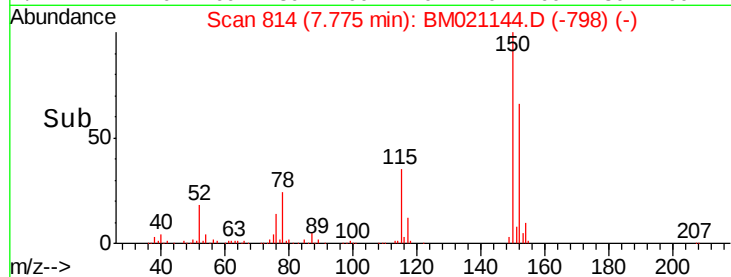
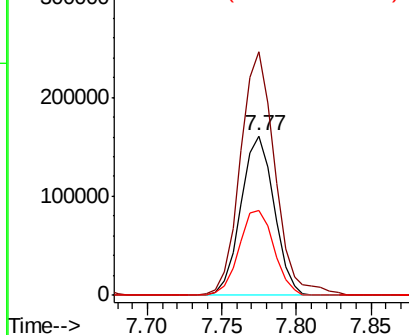


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

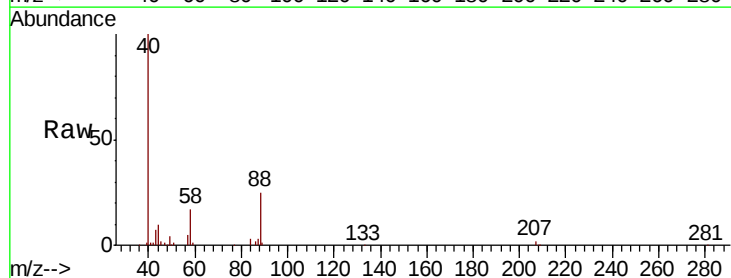
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 7.389 ng
RT: 3.32 min Scan# 56
Delta R.T. -0.01 min
Lab File: BM021144.D
Acq: 24 Jun 2019 12:20

Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.3	51.9	77.9
43	29.6	21.4	32.2

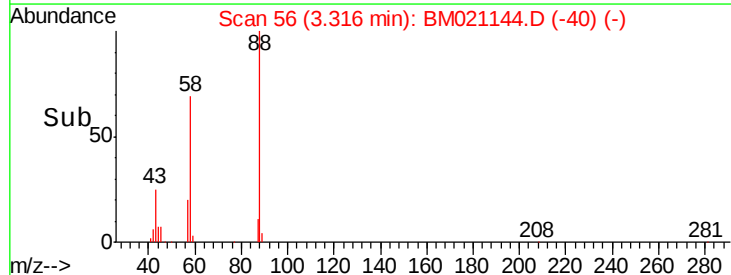
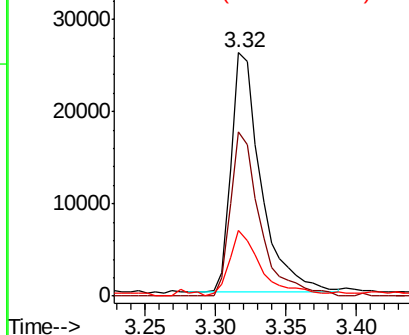


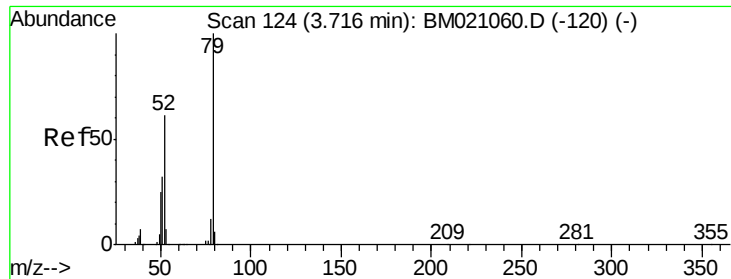
Abundance

Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





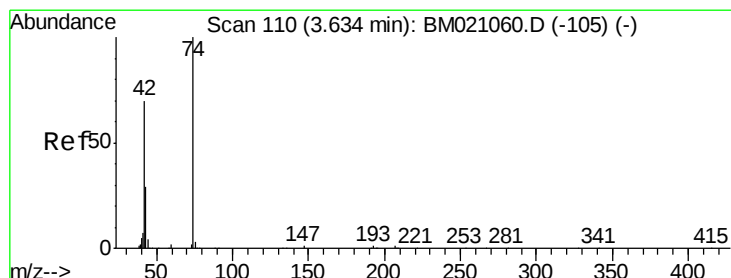
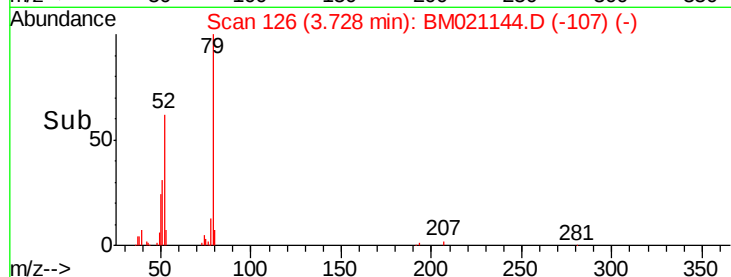
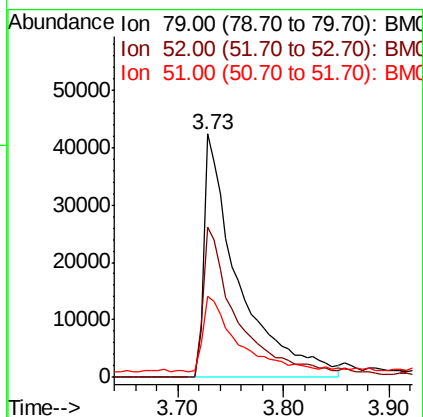
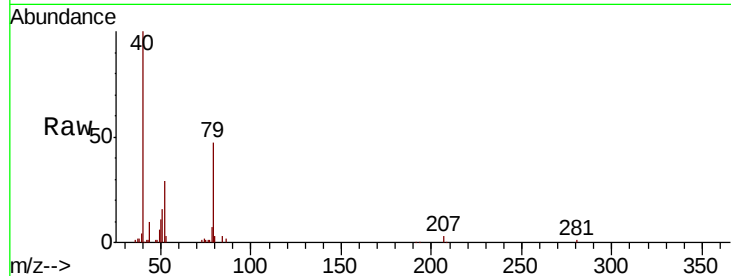
#3
Pvridine
Concen: 6.439 ng
RT: 3.73 min Scan# 126
Delta R.T. 0.01 min
Lab File: BM021144.D
Acq: 24 Jun 2019 12:20

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2019

Tot Ion	Ratio	Lower	Upper
79	100		
52	61.7	48.8	73.2
51	33.5	25.7	38.5

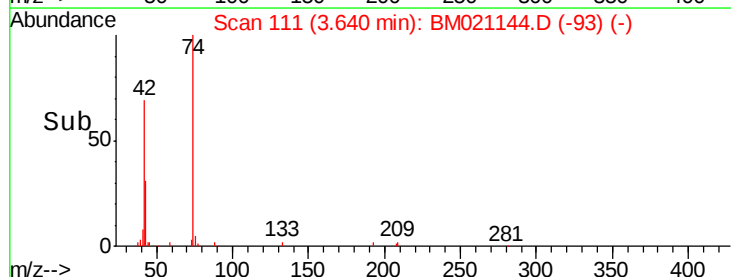
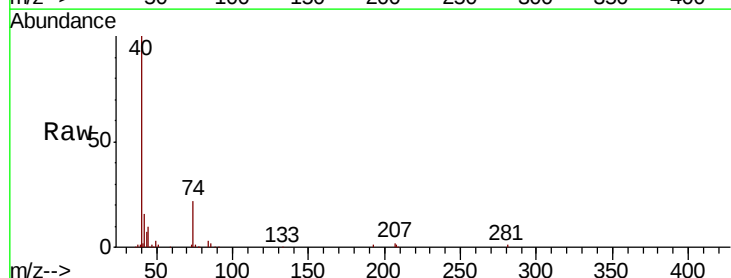
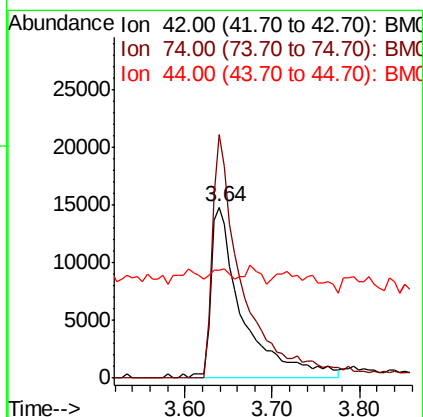
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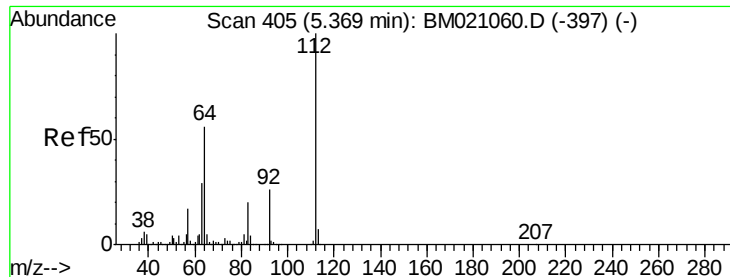
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#4
n-Nitrosodimethylamine
Concen: 6.433 ng
RT: 3.64 min Scan# 111
Delta R.T. 0.01 min
Lab File: BM021144.D
Acq: 24 Jun 2019 12:20

Tgt Ion	Ratio	Lower	Upper
42	100		
74	142.3	113.8	170.6
44	63.0	8.2	12.2#





#5

2-Fluorophenol

Concen: 110.756 ng

RT: 5.36 min Scan# 404

Delta R.T. -0.01 min

Lab File: BM021144.D

Acq: 24 Jun 2019 12:20

Instrument :

BNA_M

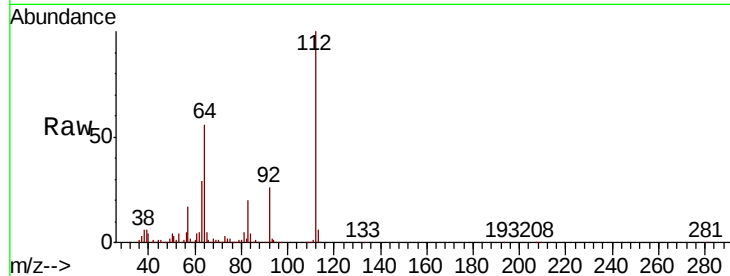
ClientSampleId :

LOD-MDL-SOIL-01-QT2-2019

Tot Ion:	112	Resp:	1523701
Ion	Ratio	Lower	Upper
112	100		
64	56.2	45.2	67.8
63	29.3	23.5	35.3

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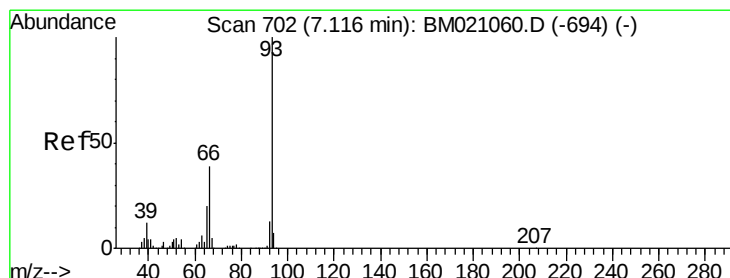
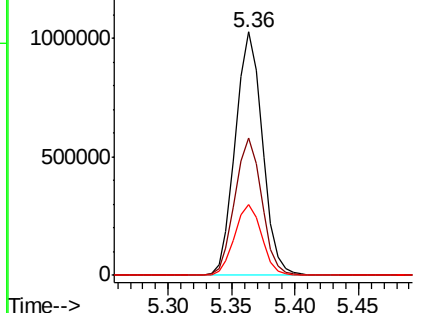
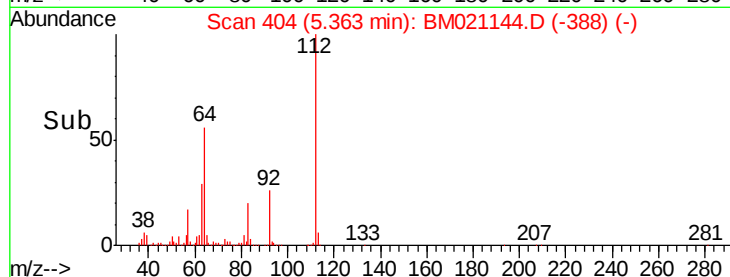
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Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#6

Aniline

Concen: 5.299 ng

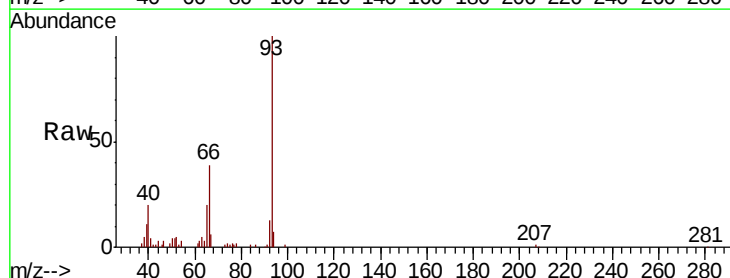
RT: 7.11 min Scan# 701

Delta R.T. -0.01 min

Lab File: BM021144.D

Acq: 24 Jun 2019 12:20

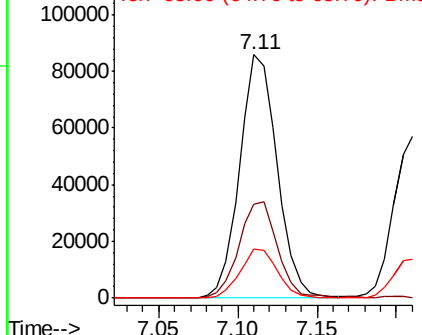
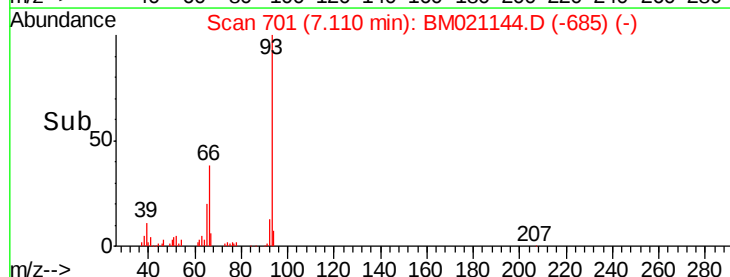
Tgt Ion:	93	Resp:	141403
Ion	Ratio	Lower	Upper
93	100		
66	38.7	31.3	46.9
65	20.0	15.9	23.9

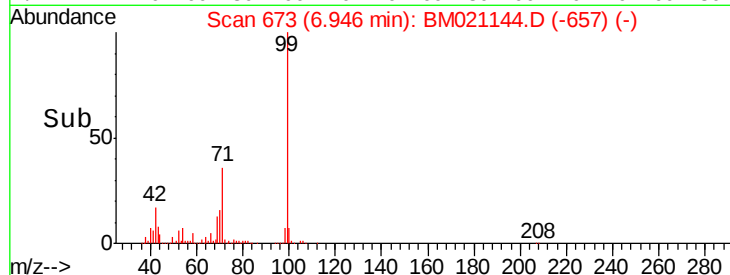
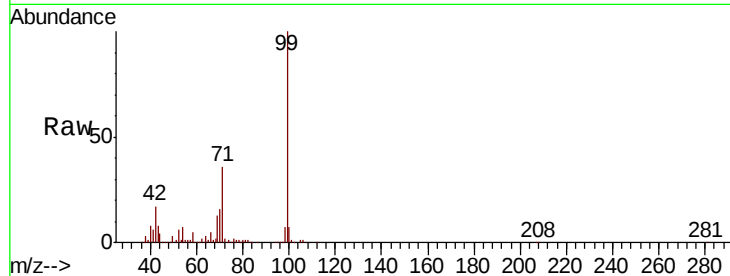
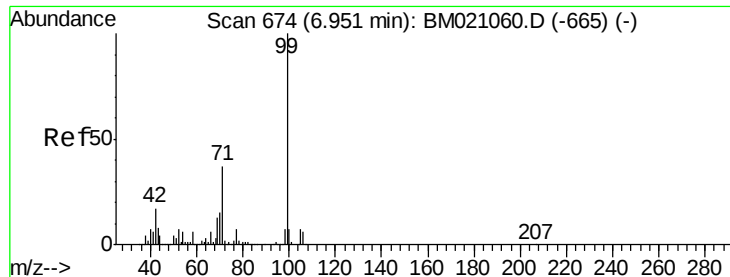


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 98.234 ng

RT: 6.95 min Scan# 673

Delta R.T. -0.01 min

Lab File: BM021144.D

Acq: 24 Jun 2019 12:20

Tot Ion:	99	Resp:	1968038
Ion	Ratio	Lower	Upper
99	100		
42	17.0	13.5	20.3
71	35.9	29.3	43.9

Instrument :

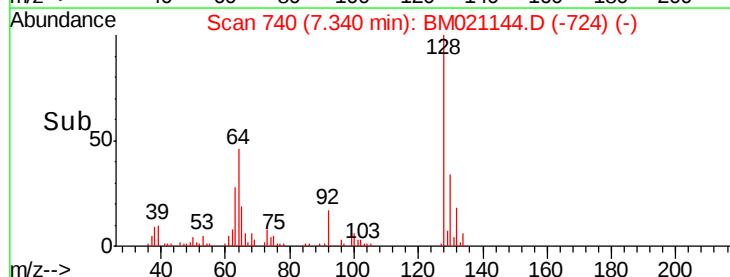
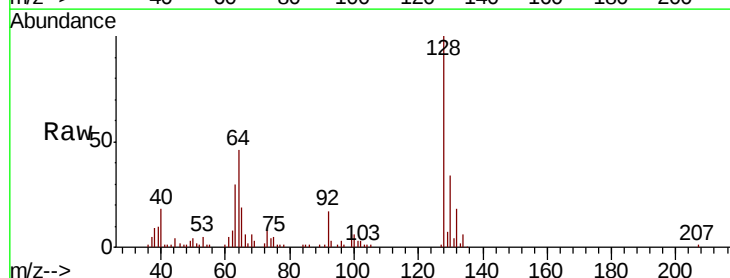
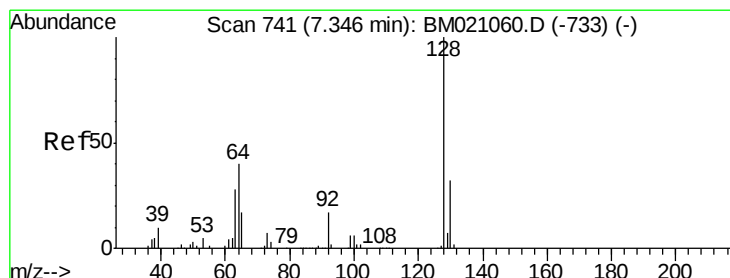
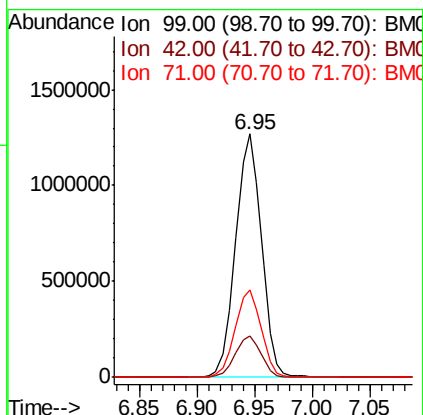
BNA_M

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2019

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#8

2-Chlorophenol

Concen: 6.493 ng

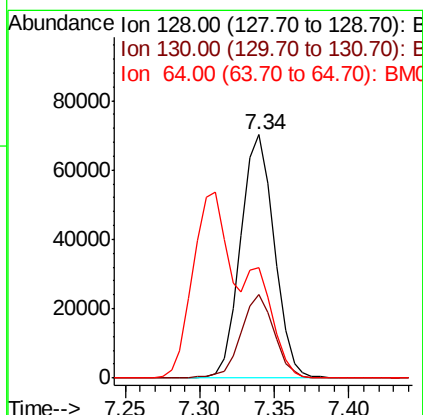
RT: 7.34 min Scan# 740

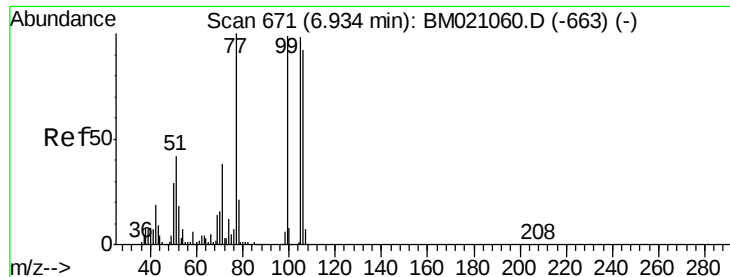
Delta R.T. -0.01 min

Lab File: BM021144.D

Acq: 24 Jun 2019 12:20

Tgt Ion:	128	Resp:	109937
Ion	Ratio	Lower	Upper
128	100		
130	34.3	12.2	52.2
64	45.5	23.2	63.2





#9

Benzaldehyde

Concen: 4.385 ng

RT: 6.93 min Scan# 670

Delta R.T. -0.01 min

Lab File: BM021144.D

Acq: 24 Jun 2019 12:20

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2019

Tot Ion: 77 Resp: 91376

Ion Ratio Lower Upper

77 100

105 97.3 77.8 117.8

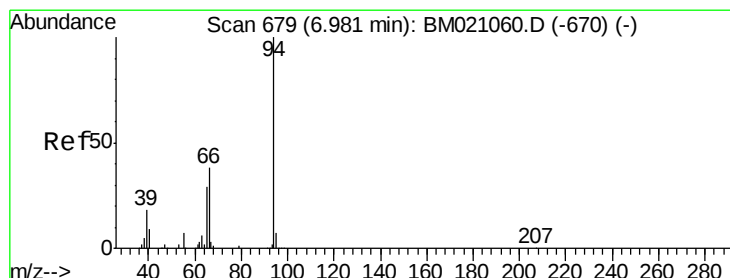
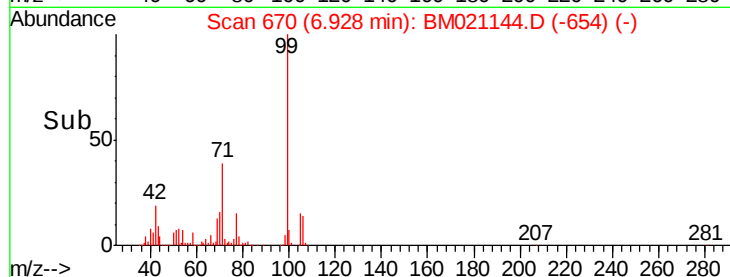
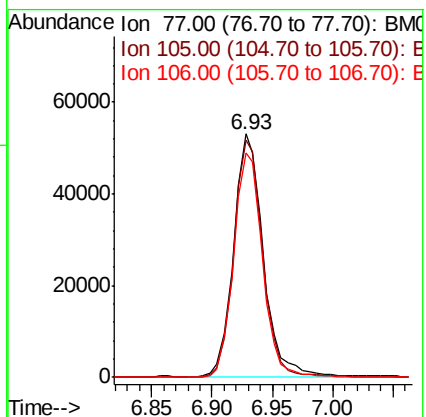
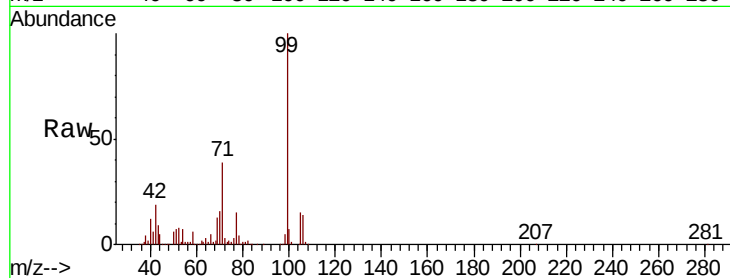
106 92.1 71.8 111.8

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#10

Phenol

Concen: 6.408 ng

RT: 6.97 min Scan# 677

Delta R.T. -0.01 min

Lab File: BM021144.D

Acq: 24 Jun 2019 12:20

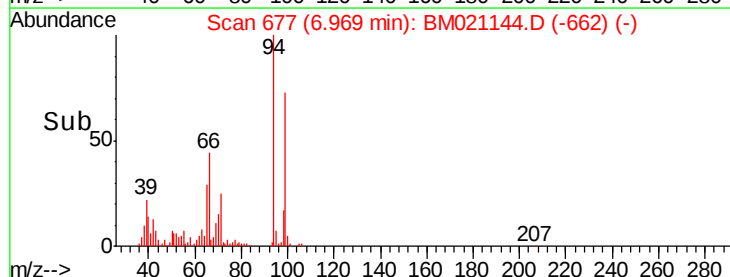
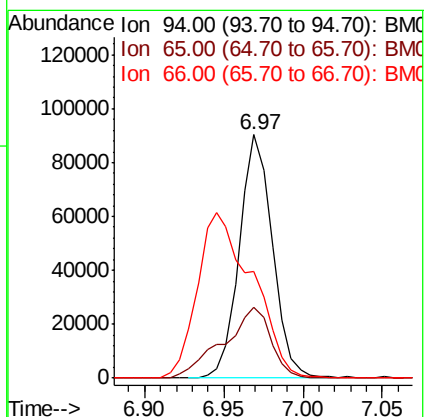
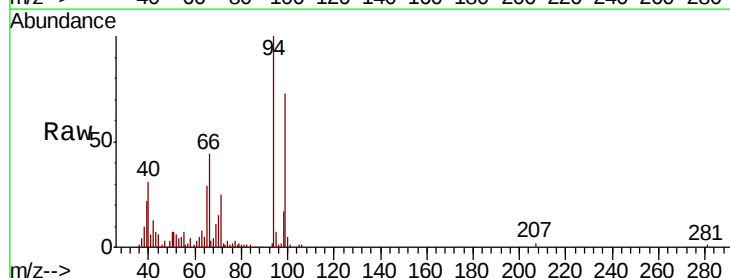
Tgt Ion: 94 Resp: 131147

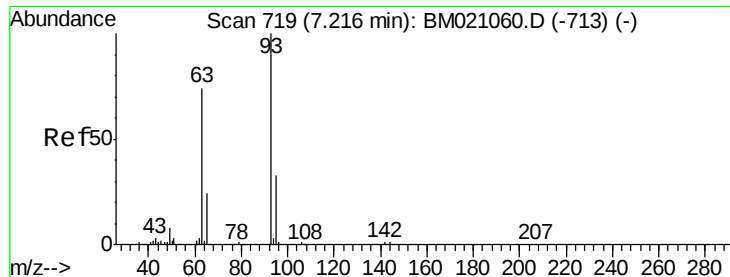
Ion Ratio Lower Upper

94 100

65 29.3 8.7 48.7

66 43.8 19.0 59.0





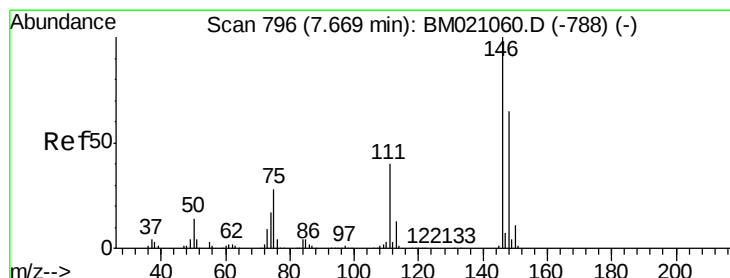
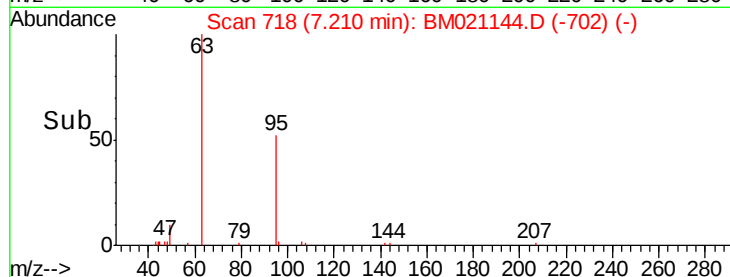
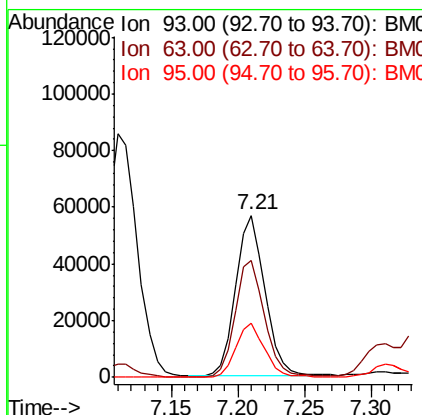
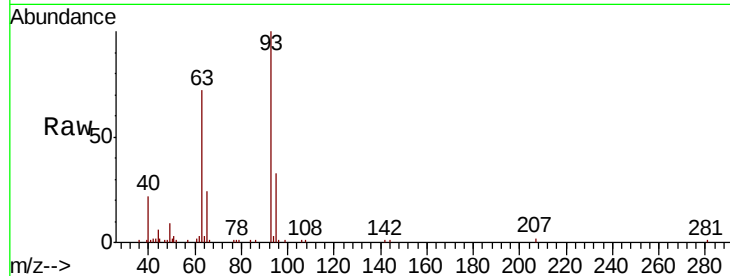
#11
bis(2-Chloroethyl)ether
Concen: 5.318 ng
RT: 7.21 min Scan# 718
Delta R.T. -0.01 min
Lab File: BM021144.D
Acq: 24 Jun 2019 12:20

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2019

Tot Ion	93	Resp	86180
Ion	Ratio	Lower	Upper
93	100		
63	72.3	53.4	93.4
95	33.2	13.0	53.0

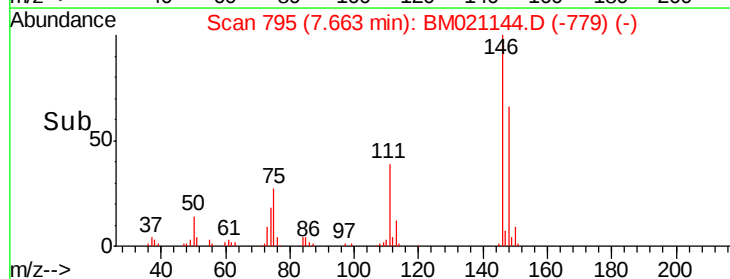
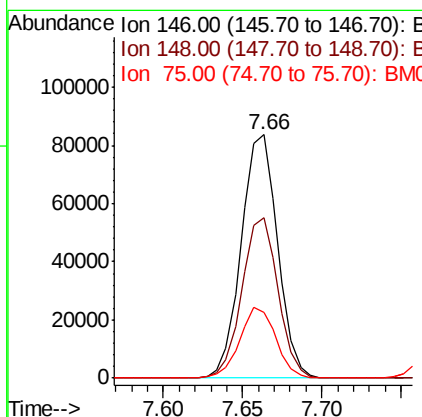
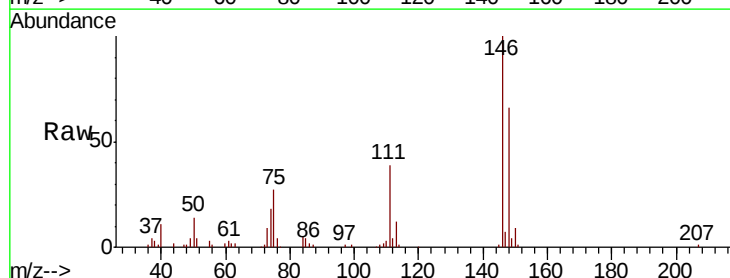
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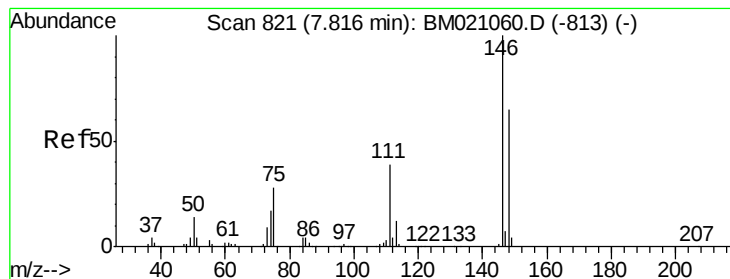
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#12
1,3-Dichlorobenzene
Concen: 6.508 ng
RT: 7.66 min Scan# 795
Delta R.T. -0.01 min
Lab File: BM021144.D
Acq: 24 Jun 2019 12:20

Tgt Ion	146	Resp	133507
Ion	Ratio	Lower	Upper
146	100		
148	65.7	52.2	78.2
75	26.9	22.2	33.4





#13

1,4-Dichlorobenzene

Concen: 6.503 ng

RT: 7.81 min Scan# 820

Delta R.T. -0.01 min

Lab File: BM021144.D

Acq: 24 Jun 2019 12:20

Instrument :

BNA_M

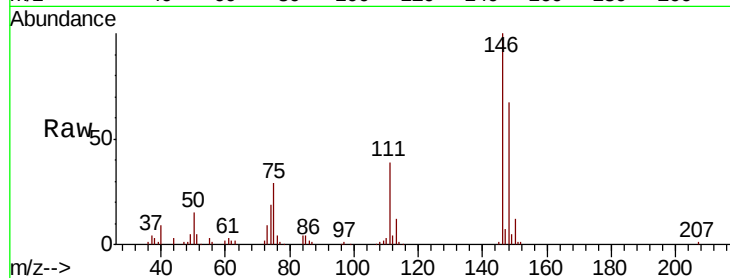
ClientSampleId :

LOD-MDL-SOIL-01-QT2-2019

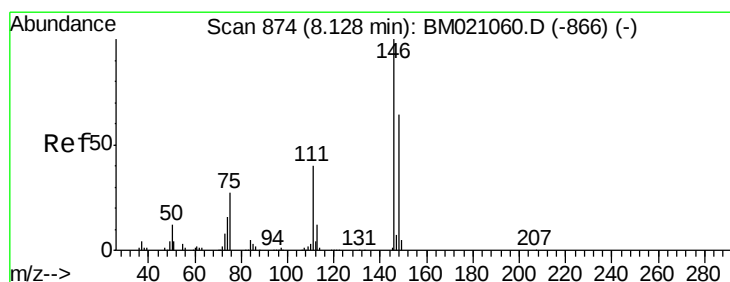
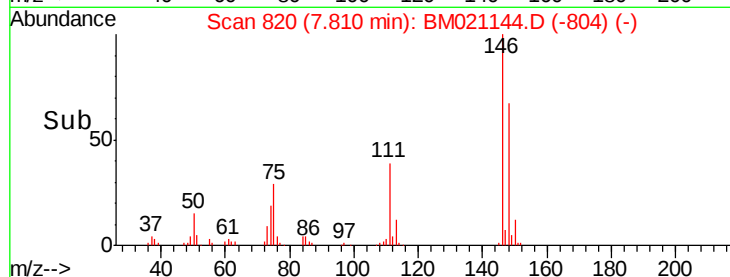
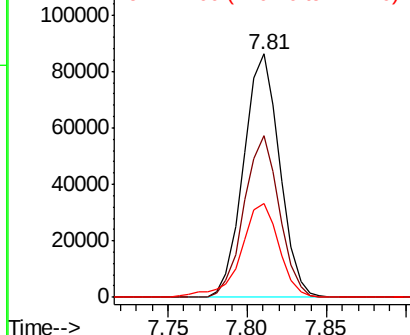
Tot Ion:	146	Resp:	135617
Ion Ratio	Lower	Upper	
146	100		
148	66.6	51.9	77.9
111	38.7	31.4	47.0

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



#14

1,2-Dichlorobenzene

Concen: 6.361 ng

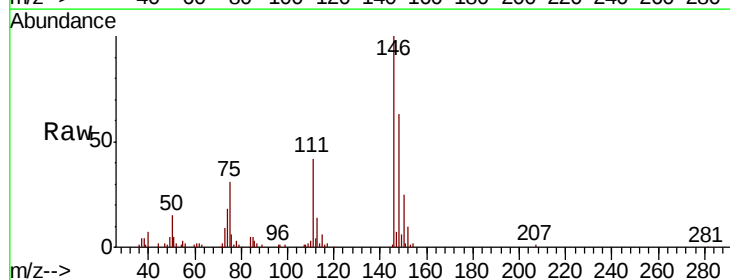
RT: 8.12 min Scan# 873

Delta R.T. -0.01 min

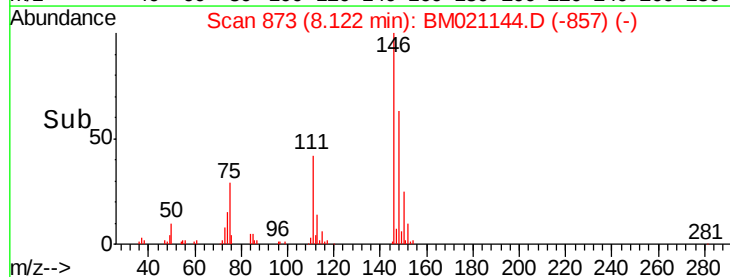
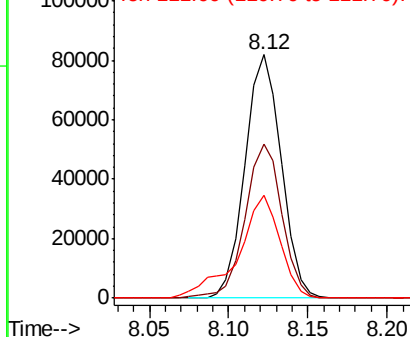
Lab File: BM021144.D

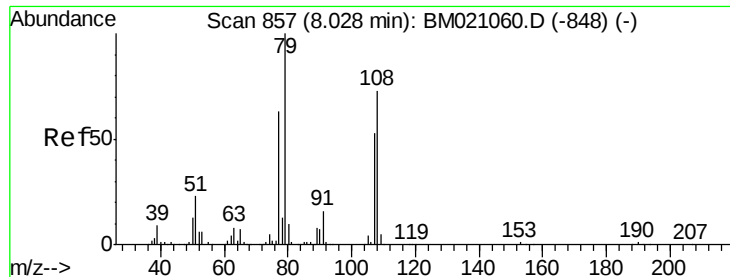
Acq: 24 Jun 2019 12:20

Tgt Ion:	146	Resp:	130006
Ion Ratio	Lower	Upper	
146	100		
148	63.5	51.2	76.8
111	42.0	32.8	49.2



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: 4.915 ng

RT: 8.02 min Scan# 856

Delta R.T. -0.01 min

Lab File: BM021144.D

Acq: 24 Jun 2019 12:20

Instrument :

BNA_M

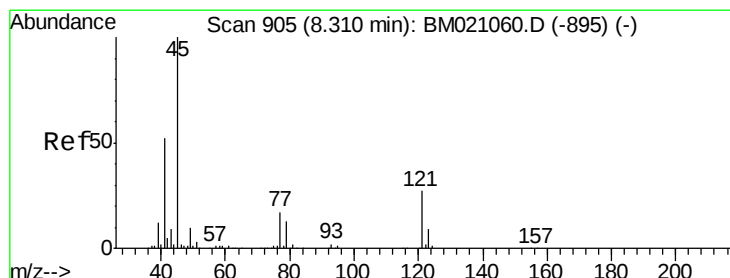
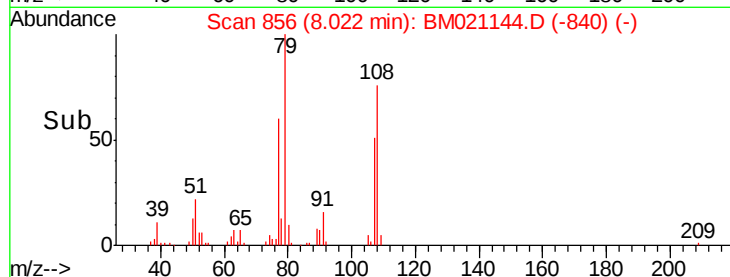
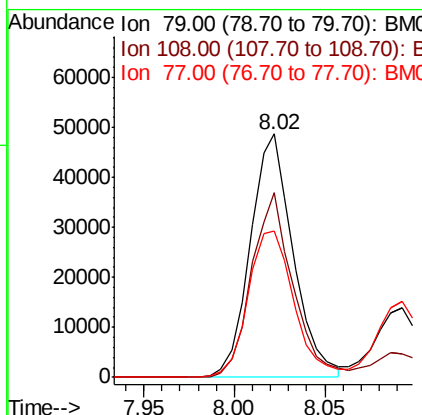
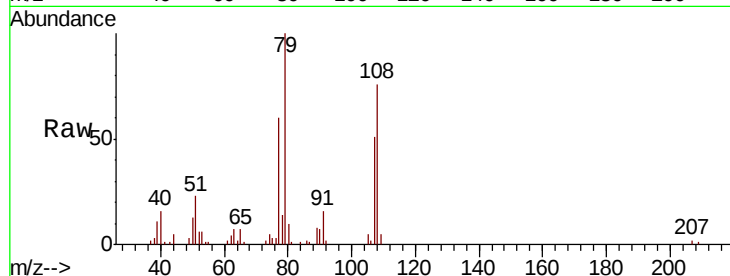
ClientSampleId :

LOD-MDL-SOIL-01-QT2-2019

Tot Ion:	79	Resp:	79726
Ion Ratio	Lower	Upper	
79	100		
108	75.9	58.4	87.6
77	59.9	50.1	75.1

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#16

2,2'-oxybis(1-chloropropane)

Concen: 5.032 ng

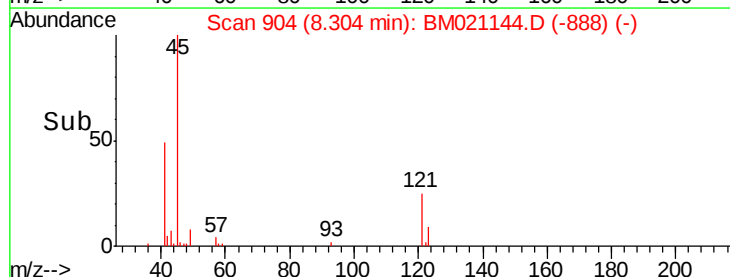
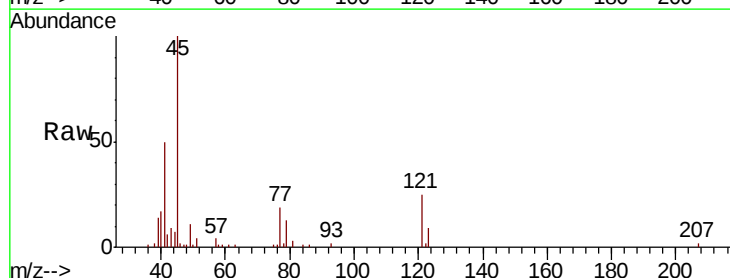
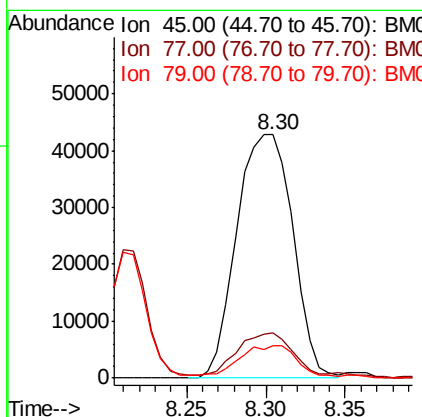
RT: 8.30 min Scan# 904

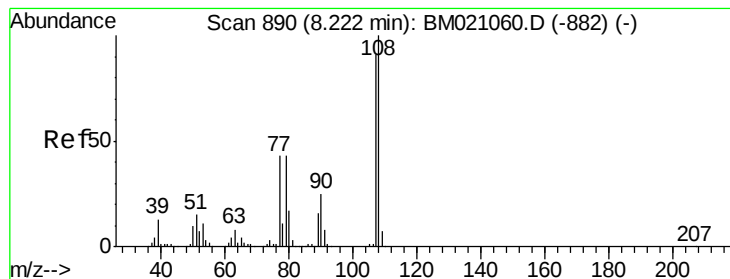
Delta R.T. -0.01 min

Lab File: BM021144.D

Acq: 24 Jun 2019 12:20

Tgt Ion:	45	Resp:	105473
Ion Ratio	Lower	Upper	
45	100		
77	18.6	0.0	37.5
79	13.4	0.0	33.5





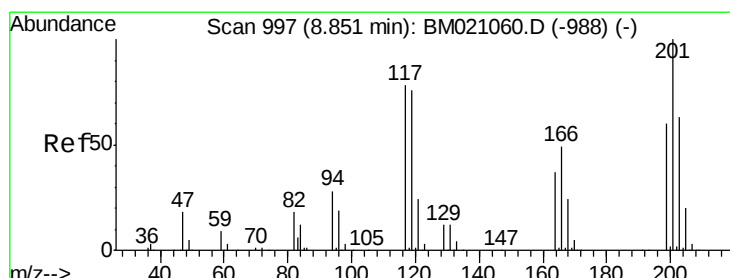
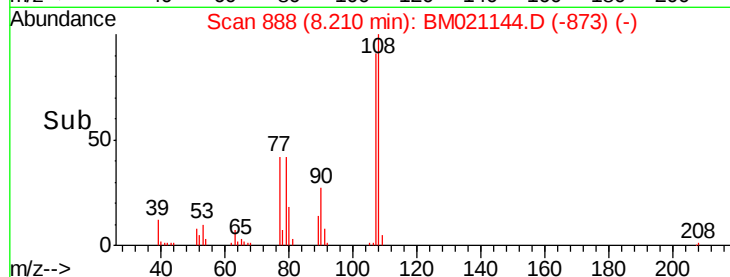
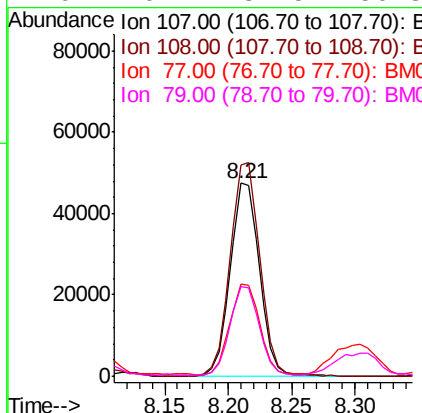
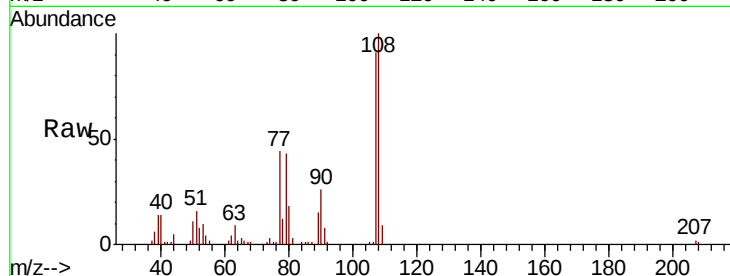
#17
2-Methylphenol
Concen: 5.186 ng
RT: 8.21 min Scan# 888
Delta R.T. -0.01 min
Lab File: BM021144.D
Acq: 24 Jun 2019 12:20

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2019

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	109.6	87.5	131.3	
77	47.7	37.8	56.8	
79	46.7	37.5	56.3	

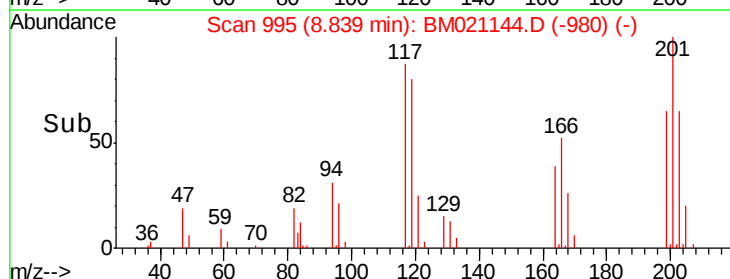
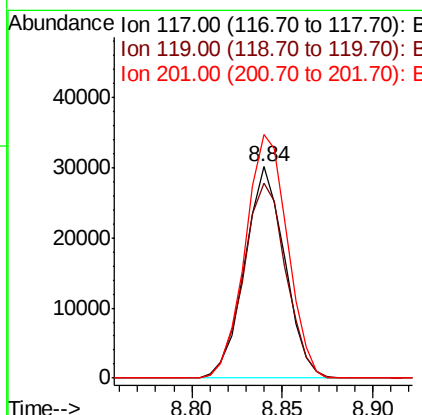
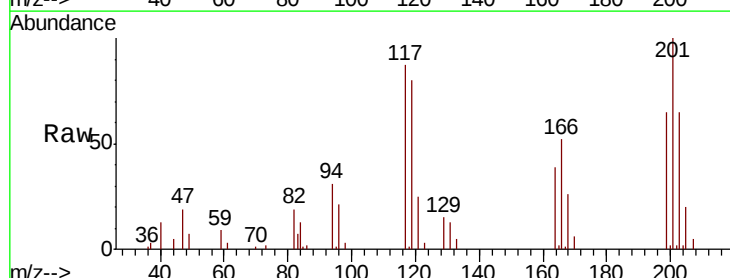
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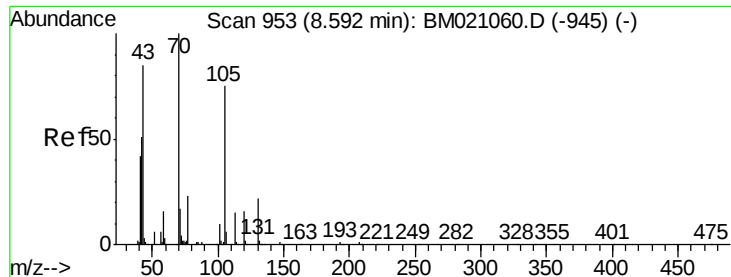
mohammad
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#18
Hexachloroethane
Concen: 6.188 ng
RT: 8.84 min Scan# 995
Delta R.T. -0.01 min
Lab File: BM021144.D
Acq: 24 Jun 2019 12:20

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	92.1	77.5	116.3	
201	115.3	102.3	153.5	





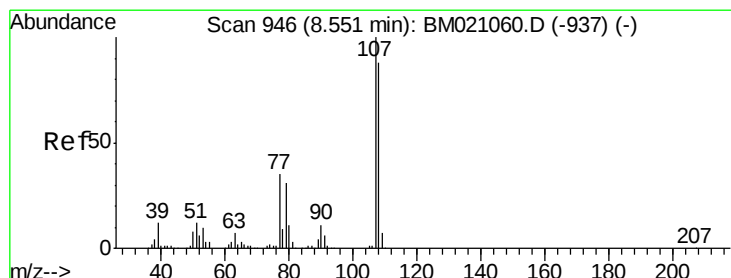
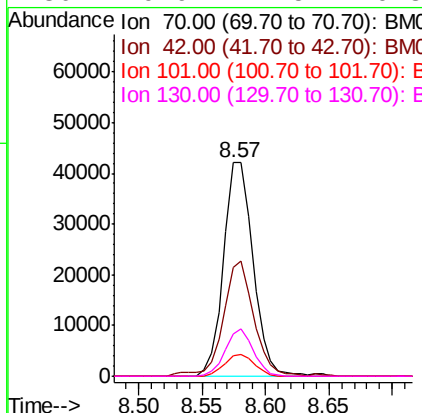
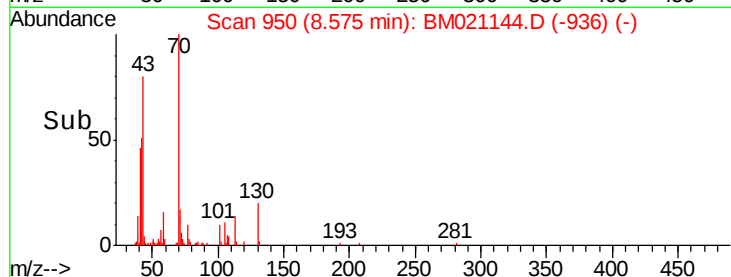
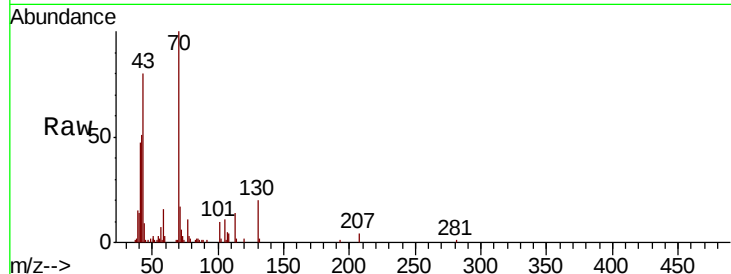
#19
n-Nitroso-di-n-propylamine
Concen: 4.694 ng
RT: 8.57 min Scan# 950
Delta R.T. -0.02 min
Lab File: BM021144.D
Acq: 24 Jun 2019 12:20

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2019

Tot Ion	Ratio	Lower	Upper
70	100		
42	50.9	41.9	62.9
101	9.7	8.1	12.1
130	19.9	17.5	26.3

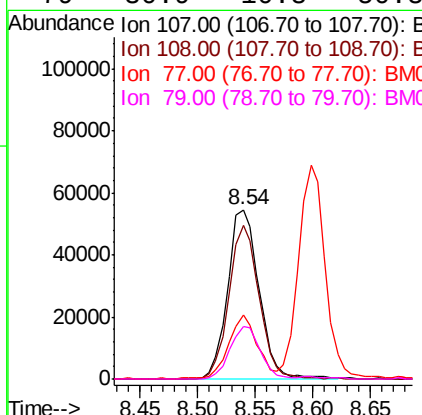
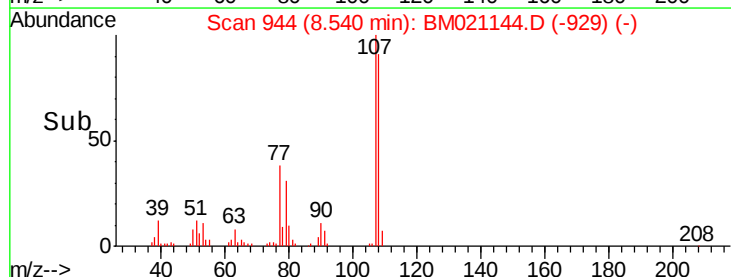
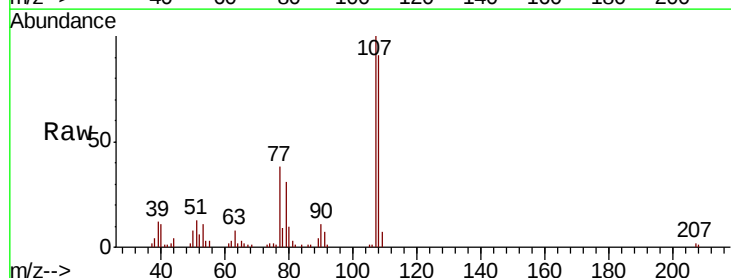
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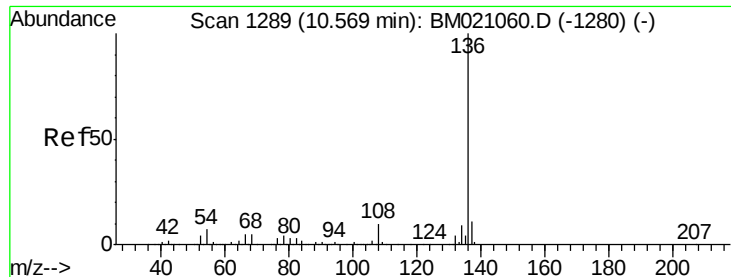
mohammad
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#20
3+4-Methylphenols
Concen: 5.120 ng
RT: 8.54 min Scan# 944
Delta R.T. -0.01 min
Lab File: BM021144.D
Acq: 24 Jun 2019 12:20

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.5	67.9	107.9
77	37.7	14.6	54.6
79	30.9	10.8	50.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.56 min Scan# 1288

Delta R.T. -0.01 min

Lab File: BM021144.D

Acq: 24 Jun 2019 12:20

Instrument :

BNA_M

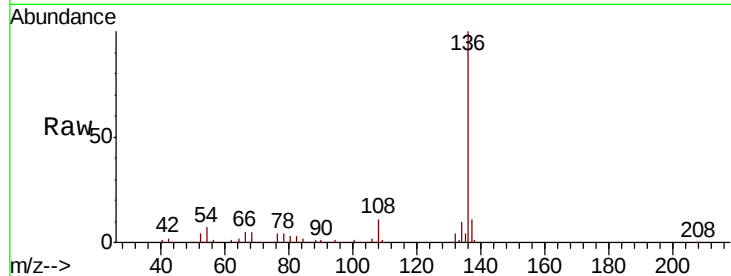
ClientSampleId :

LOD-MDL-SOIL-01-QT2-2019

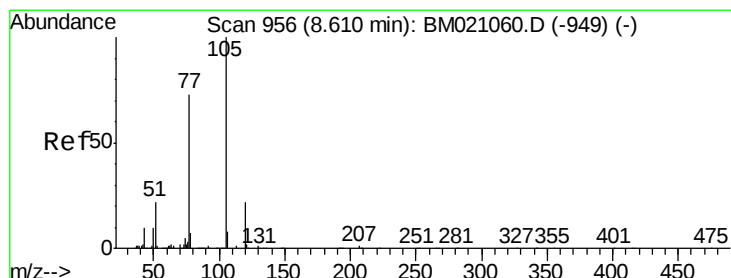
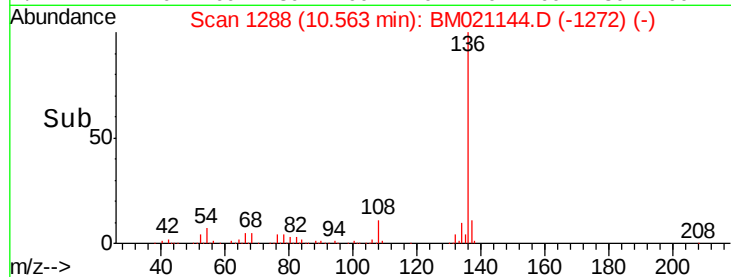
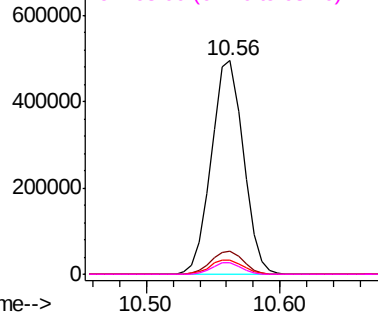
Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		822413		
137	10.7		8.6	13.0	
54	6.9		5.3	7.9	
68	5.3		4.4	6.6	

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Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM



#22

Acetophenone

Concen: 6.948 ng

RT: 8.60 min Scan# 954

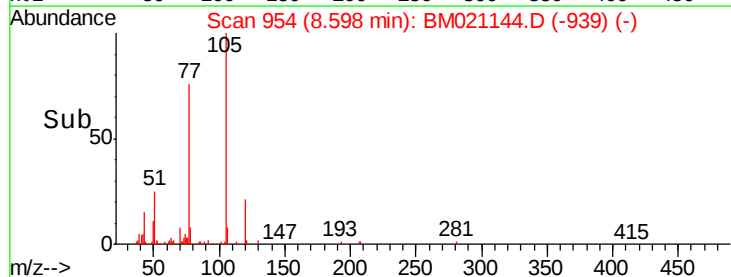
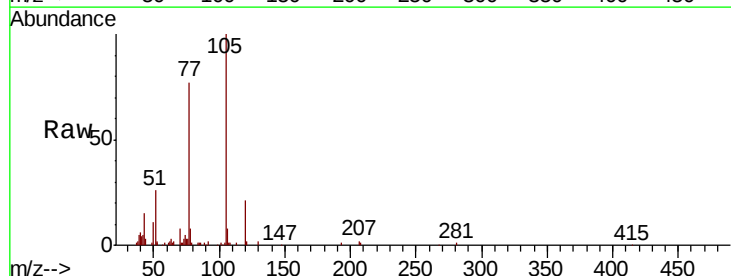
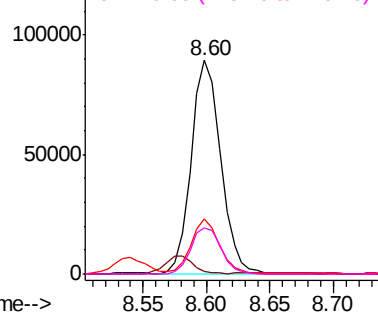
Delta R.T. -0.01 min

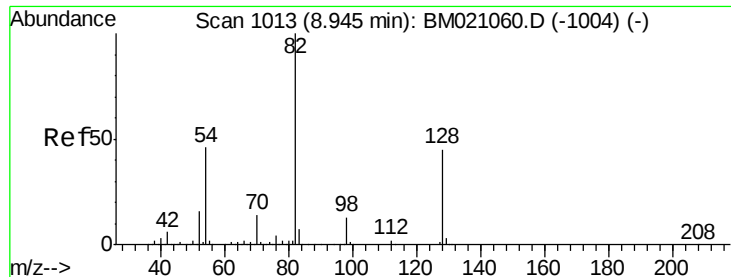
Lab File: BM021144.D

Acq: 24 Jun 2019 12:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		145623		
71	1.0		1.2	1.8#	
51	25.9		19.1	28.7	
120	21.4		17.9	26.9	

Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BM
Ion 51.00 (50.70 to 51.70): BM
Ion 120.00 (119.70 to 120.70): E





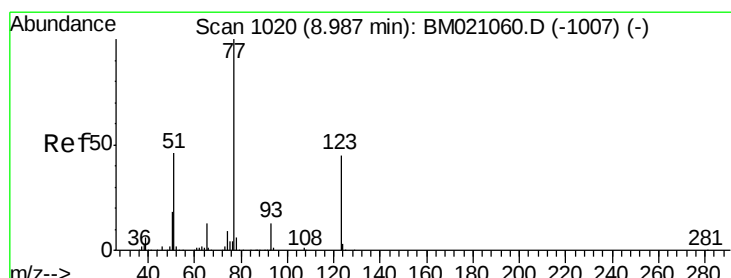
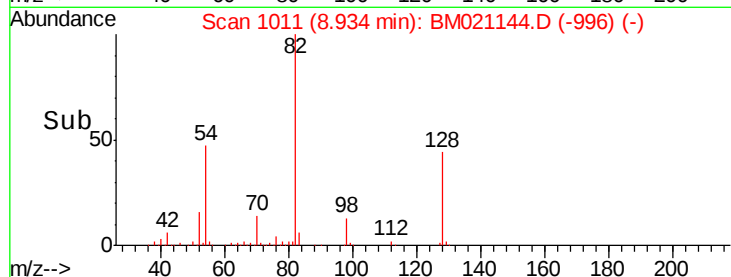
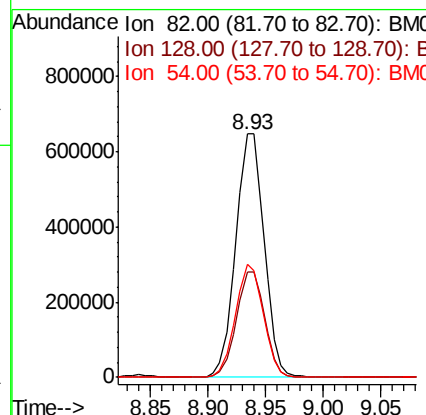
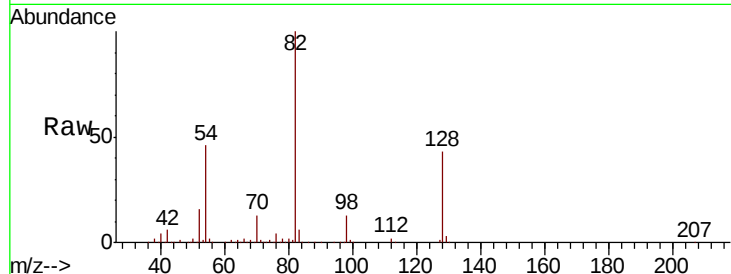
#23
 Nitrobenzene-d5
 Concen: 70.253 ng
 RT: 8.93 min Scan# 1011
 Delta R.T. -0.01 min
 Lab File: BM021144.D
 Acq: 24 Jun 2019 12:20

Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2019

Tot Ion	82	Resp	1108607
Ion Ratio	100	Lower	Upper
82	100		
128	43.5	35.9	53.9
54	46.5	36.6	55.0

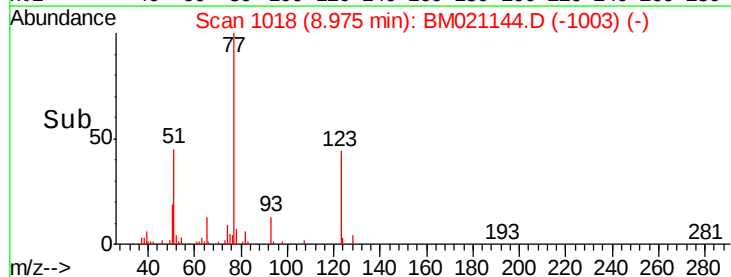
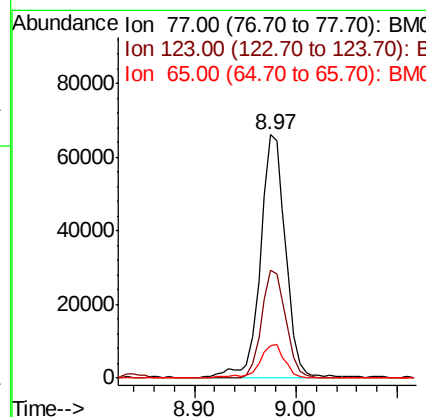
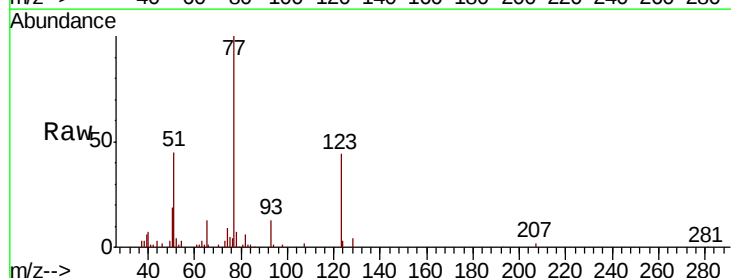
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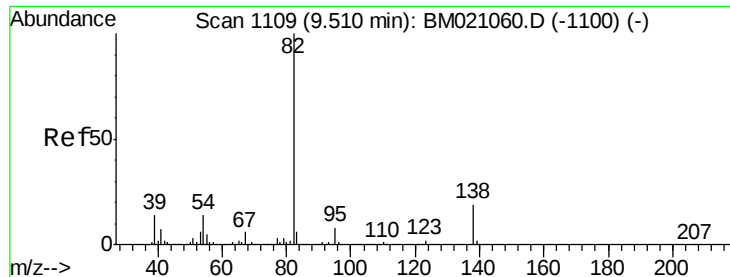
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#24
 Nitrobenzene
 Concen: 7.368 ng
 RT: 8.97 min Scan# 1018
 Delta R.T. -0.01 min
 Lab File: BM021144.D
 Acq: 24 Jun 2019 12:20

Tgt Ion	77	Resp	115174
Ion Ratio	100	Lower	Upper
77	100		
123	44.2	36.3	54.5
65	13.4	10.6	16.0





#25

Isophorone

Concen: 6.341 ng

RT: 9.50 min Scan# 1107

Delta R.T. -0.01 min

Lab File: BM021144.D

Acq: 24 Jun 2019 12:20

Instrument :

BNA_M

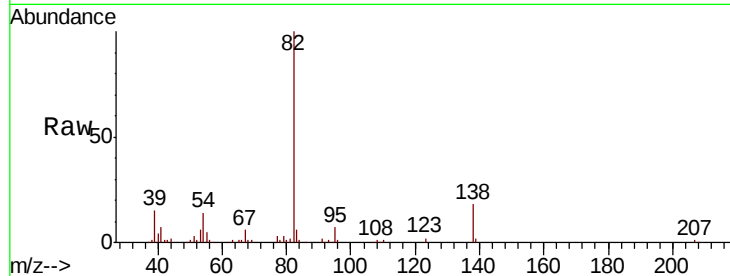
ClientSampleId :

LOD-MDL-SOIL-01-QT2-2019

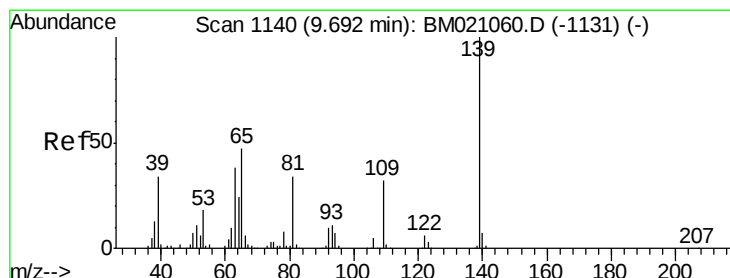
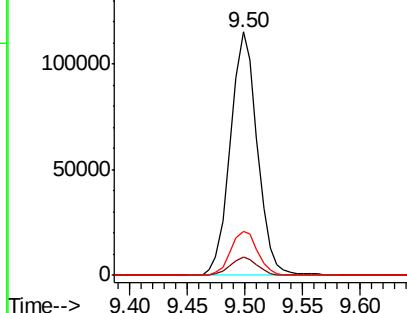
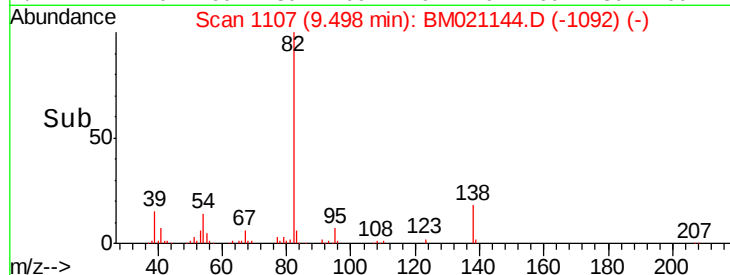
Tot Ion:	82	Resp:	187238
Ion Ratio	Lower	Upper	
82	100		
95	7.5	6.1	9.1
138	17.8	15.0	22.6

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Abundance Ion 82.00 (81.70 to 82.70): BM021144.D (-1092) (-)
Ion 95.00 (94.70 to 95.70): BM021144.D (-1092) (-)
Ion 138.00 (137.70 to 138.70): BM021144.D (-1092) (-)



#26

2-Nitrophenol

Concen: 5.963 ng

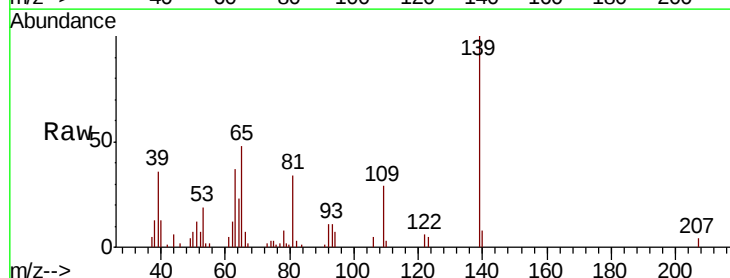
RT: 9.69 min Scan# 1139

Delta R.T. -0.01 min

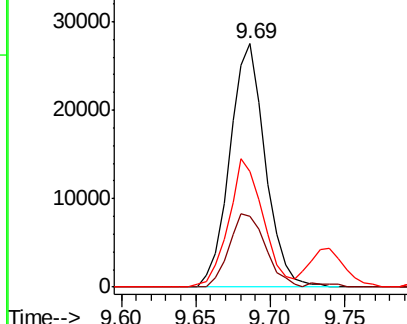
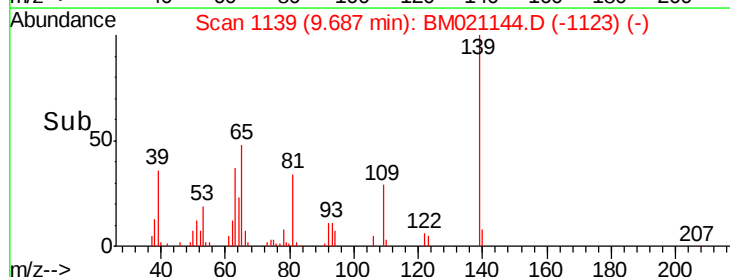
Lab File: BM021144.D

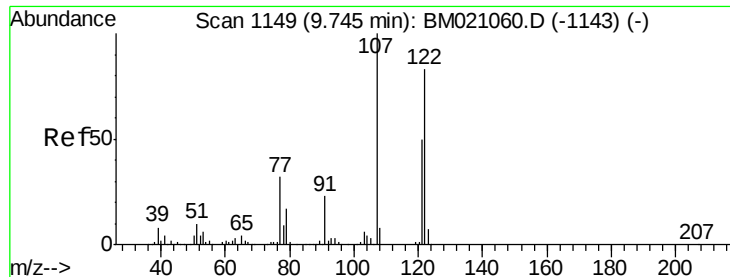
Acq: 24 Jun 2019 12:20

Tgt Ion:	139	Resp:	45643
Ion Ratio	Lower	Upper	
139	100		
109	28.9	25.2	37.8
65	47.7	37.4	56.0



Abundance Ion 139.00 (138.70 to 139.70): BM021144.D (-1123) (-)
Ion 109.00 (108.70 to 109.70): BM021144.D (-1123) (-)
Ion 65.00 (64.70 to 65.70): BM021144.D (-1123) (-)





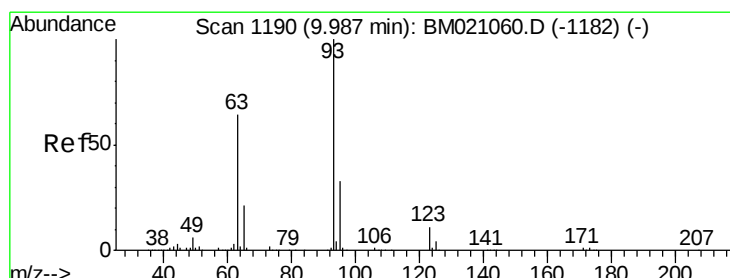
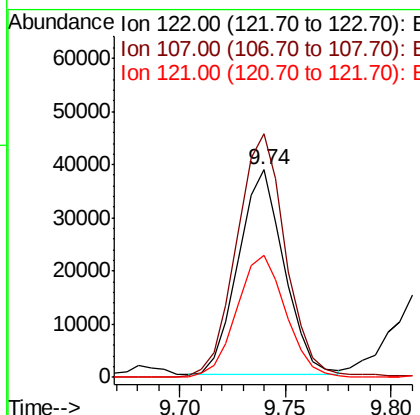
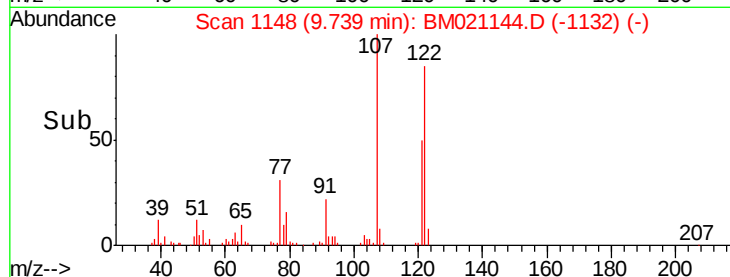
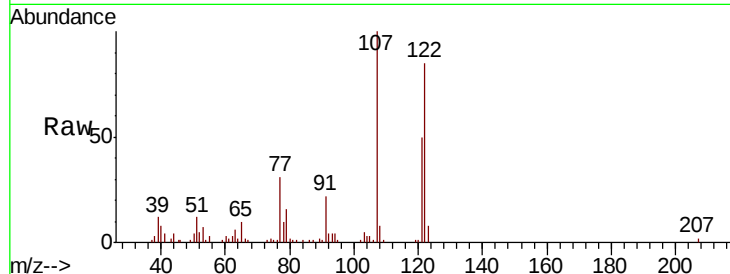
#27
2,4-Dimethylphenol
Concen: 5.218 ng
RT: 9.74 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BM021144.D
Acq: 24 Jun 2019 12:20

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2019

Tot Ion	Ratio	Lower	Upper
122	100		
107	117.5	95.3	142.9
121	59.2	47.5	71.3

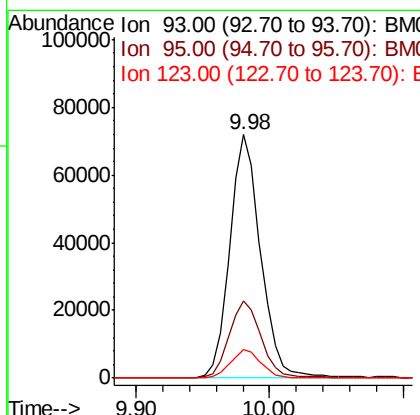
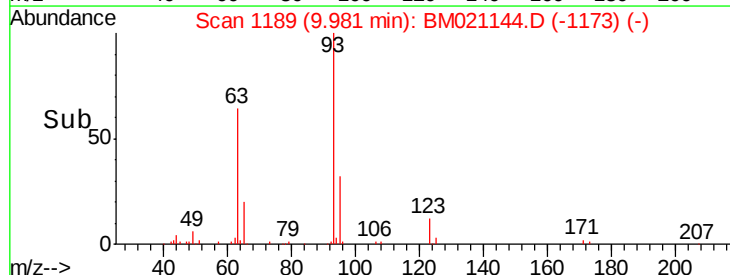
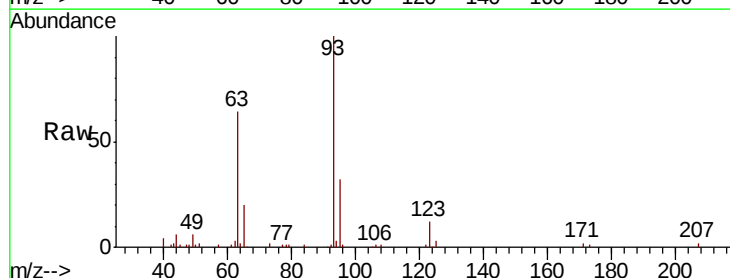
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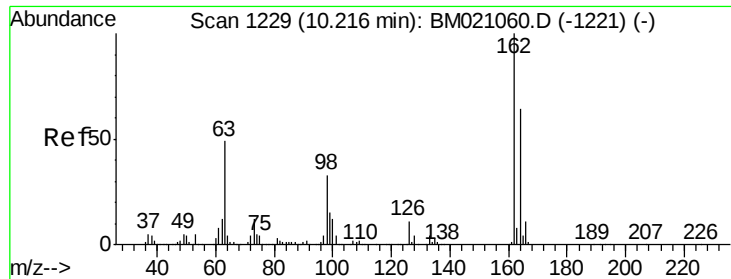
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 6.324 ng
RT: 9.98 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BM021144.D
Acq: 24 Jun 2019 12:20

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.8	26.2	39.2
123	11.8	9.0	13.4





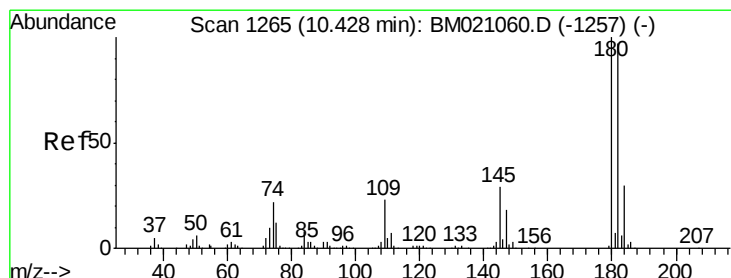
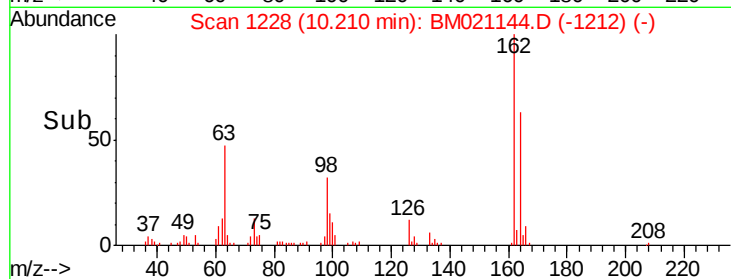
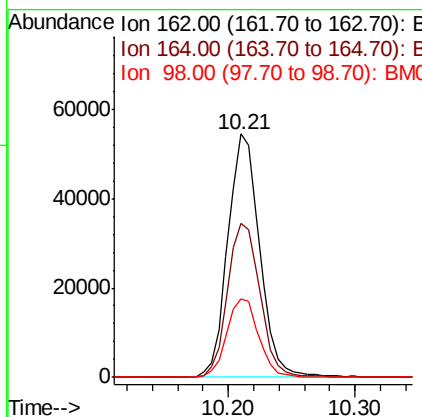
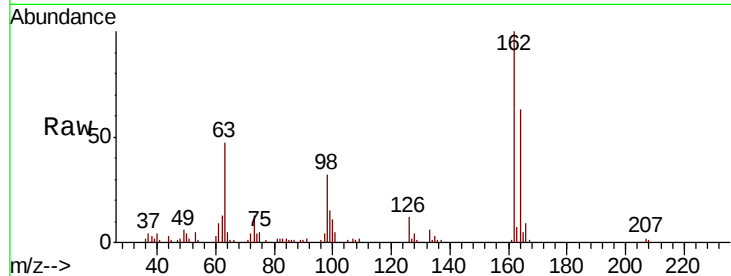
#29
2,4-Dichlorophenol
Concen: 6.540 ng
RT: 10.21 min Scan# 1228
Delta R.T. -0.01 min
Lab File: BM021144.D
Acq: 24 Jun 2019 12:20

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2019

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.2	43.7	83.7
98	32.3	13.4	53.4

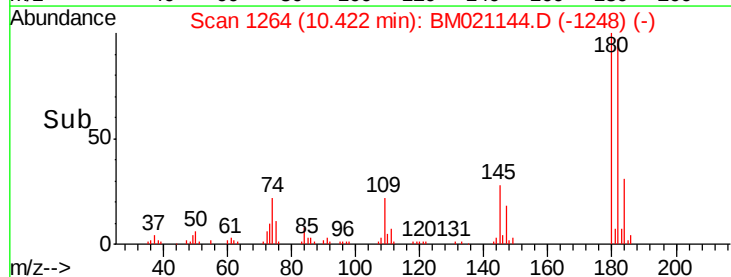
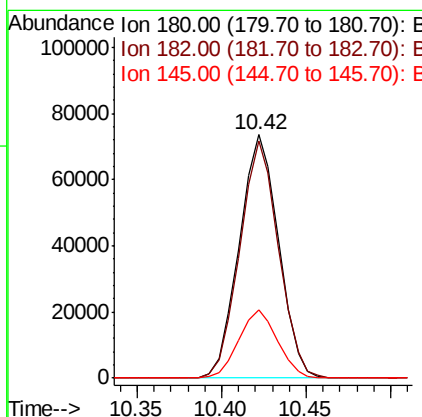
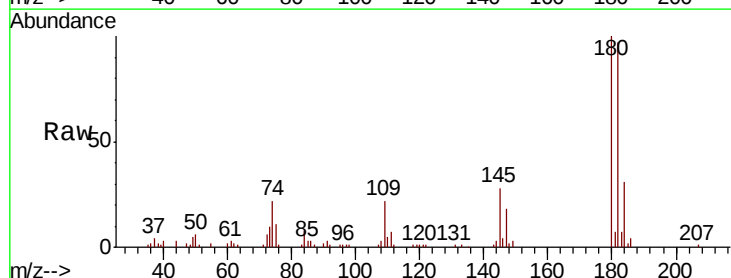
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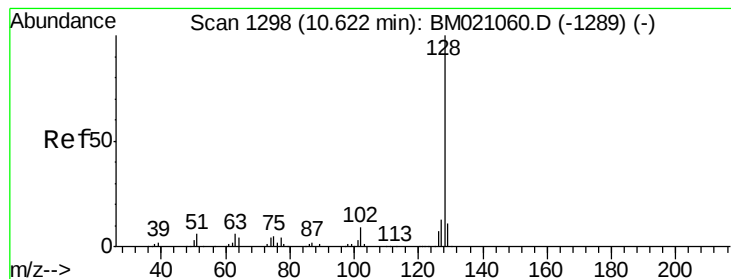
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 6.995 ng
RT: 10.42 min Scan# 1264
Delta R.T. -0.01 min
Lab File: BM021144.D
Acq: 24 Jun 2019 12:20

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.3	78.0	117.0
145	28.1	23.4	35.0





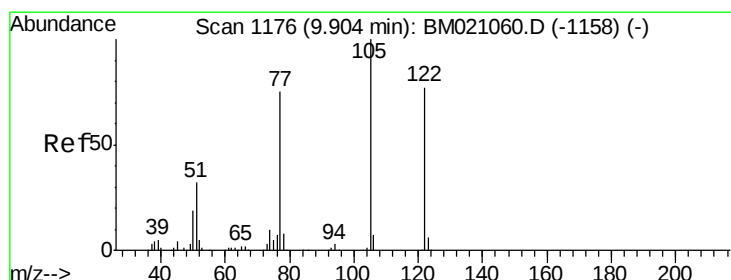
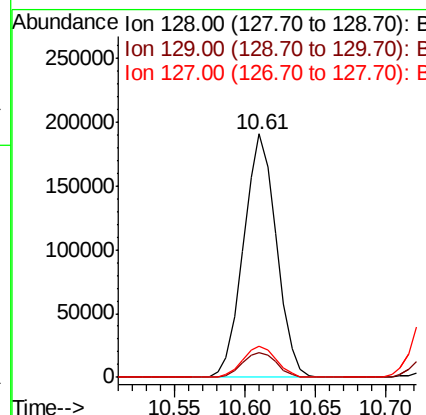
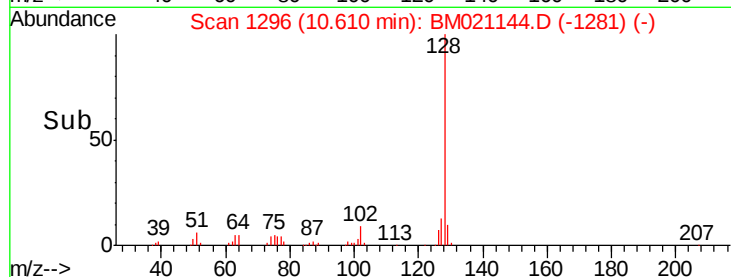
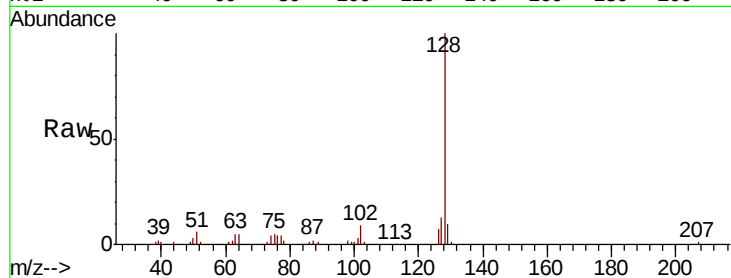
#31
Naphthalene
Concen: 7.130 ng
RT: 10.61 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BM021144.D
Acq: 24 Jun 2019 12:20

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2019

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.3	8.6	13.0
127	13.0	10.8	16.2

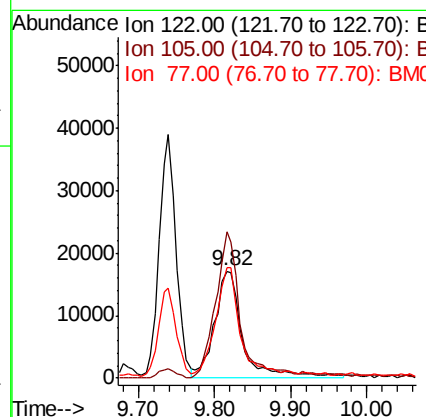
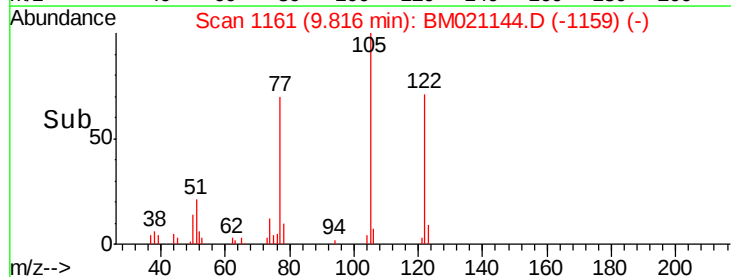
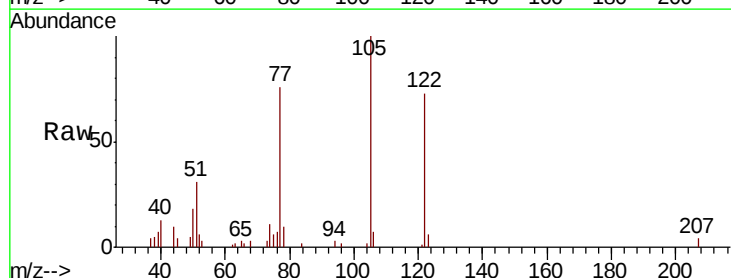
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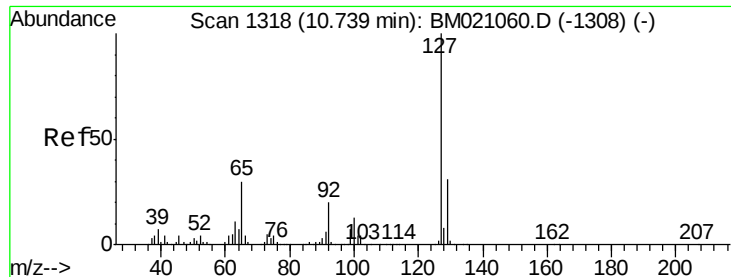
mohammad
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#32
Benzoic acid
Concen: 4.891 ng m
RT: 9.82 min Scan# 1161
Delta R.T. -0.09 min
Lab File: BM021144.D
Acq: 24 Jun 2019 12:20

Tgt Ion	Ratio	Lower	Upper
122	100		
105	136.7	108.9	148.9
77	103.5	76.7	116.7





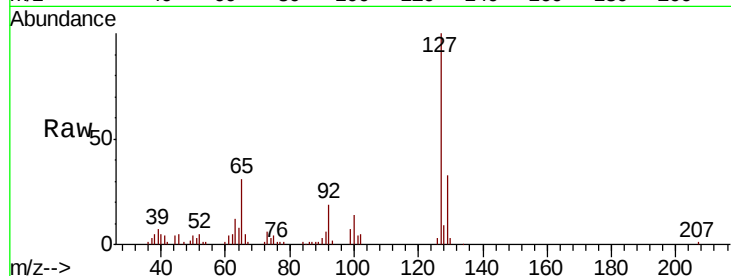
#33
4-Chloroaniline
Concen: 6.154 ng
RT: 10.73 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BM021144.D
Acq: 24 Jun 2019 12:20

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2019

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.8	25.1	37.7
65	30.8	23.8	35.8
92	19.4	15.7	23.5

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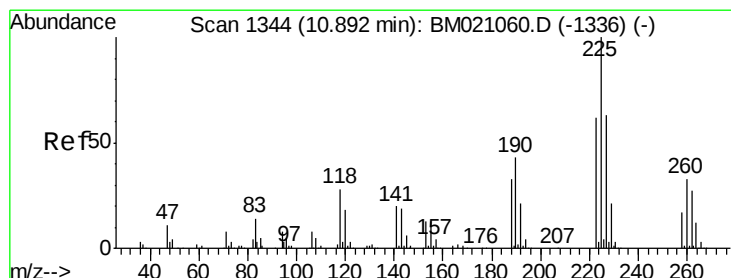
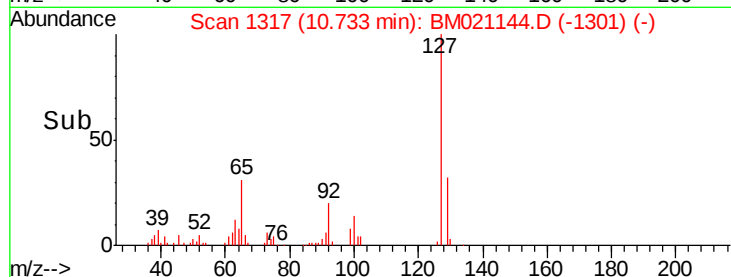
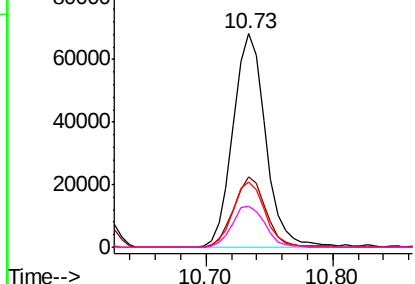
Abundance

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): BM

Ion 92.00 (91.70 to 92.70): BM



#34
Hexachlorobutadiene
Concen: 6.651 ng
RT: 10.88 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BM021144.D
Acq: 24 Jun 2019 12:20

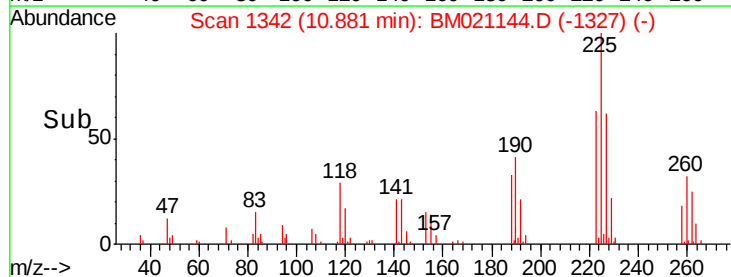
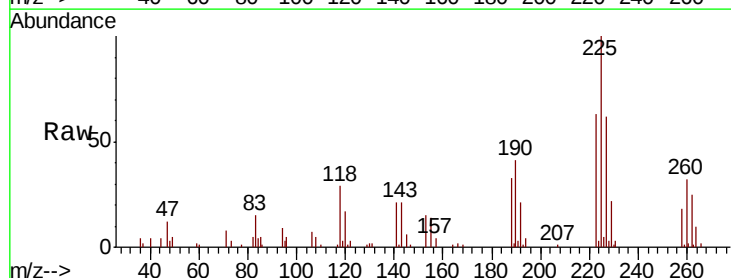
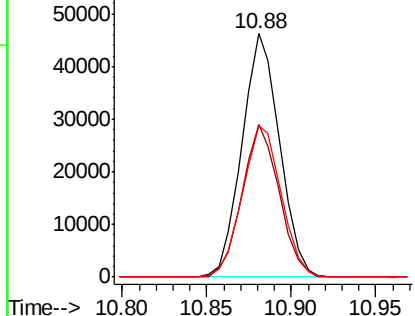
Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.7	49.6	74.4
227	62.0	50.4	75.6

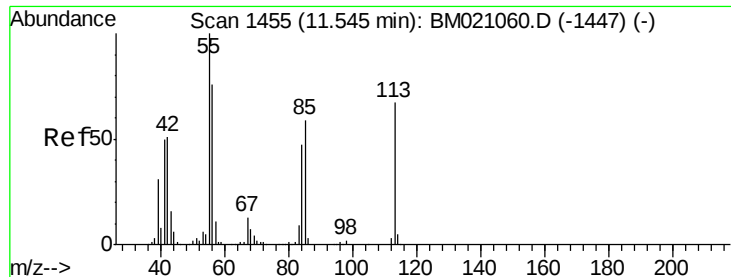
Abundance

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: 5.483 ng

RT: 11.53 min Scan# 1452

Delta R.T. -0.02 min

Lab File: BM021144.D

Acq: 24 Jun 2019 12:20

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2019

Tot Ion:113 Resp: 24778

Ion Ratio Lower Upper

113 100

55 136.9 129.8 169.8

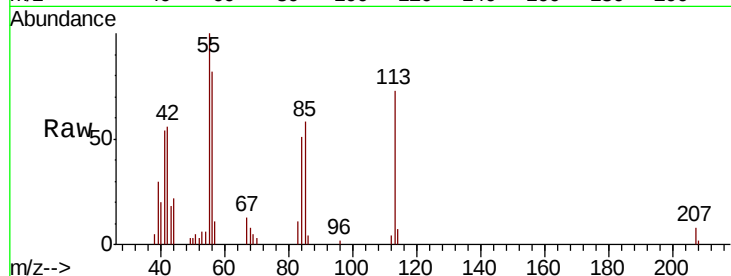
56 112.7 94.3 134.3

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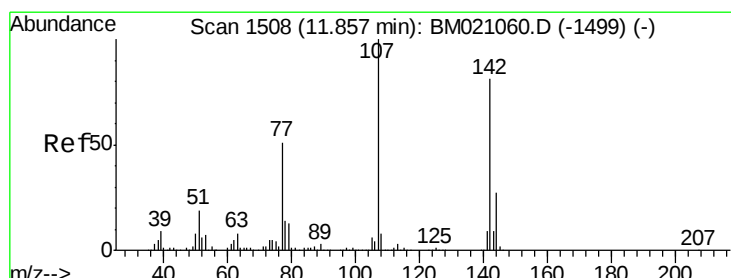
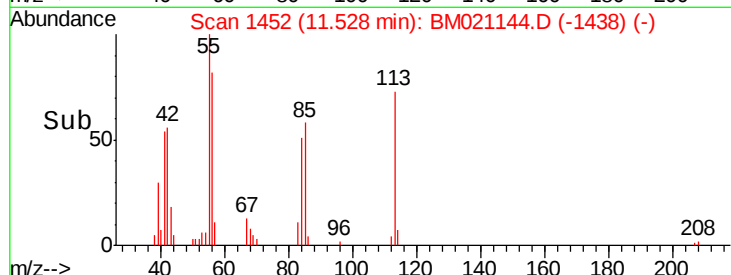
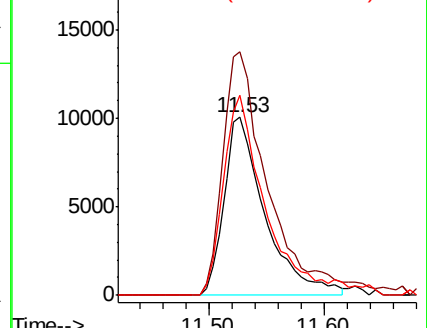
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#36

4-Chloro-3-methylphenol

Concen: 6.445 ng

RT: 11.85 min Scan# 1507

Delta R.T. -0.01 min

Lab File: BM021144.D

Acq: 24 Jun 2019 12:20

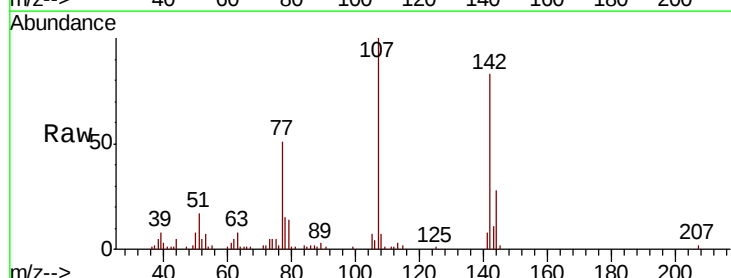
Tgt Ion:107 Resp: 94763

Ion Ratio Lower Upper

107 100

144 28.2 21.3 31.9

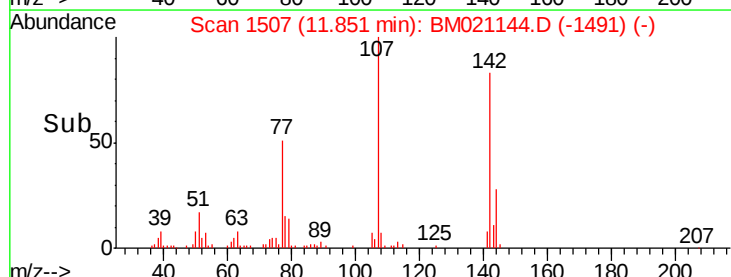
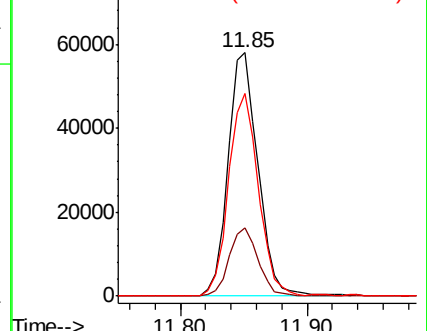
142 83.1 64.9 97.3

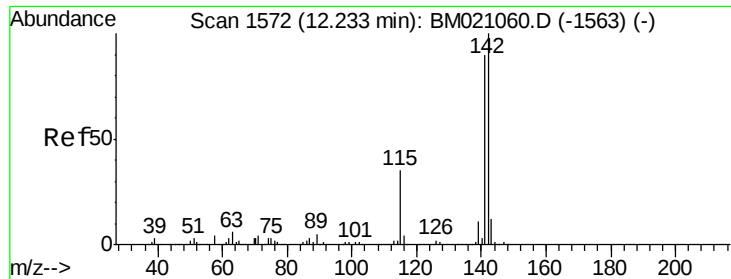


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





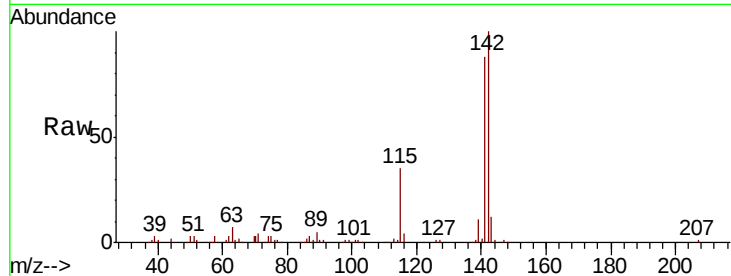
#37
2-Methylnaphthalene
Concen: 6.962 ng
RT: 12.22 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BM021144.D
Acq: 24 Jun 2019 12:20

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2019

Tot Ion	Ratio	Resp	Lower	Upper
142	100	233125		
141	88.4	72.2	108.2	
115	35.1	27.9	41.9	

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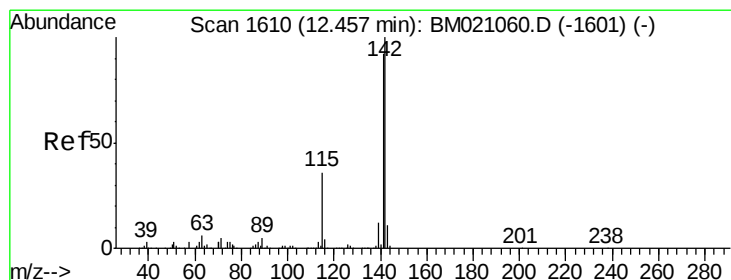
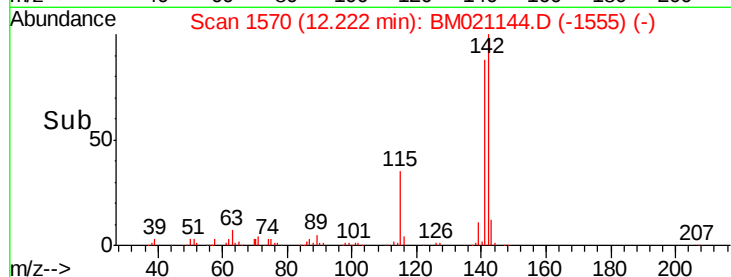
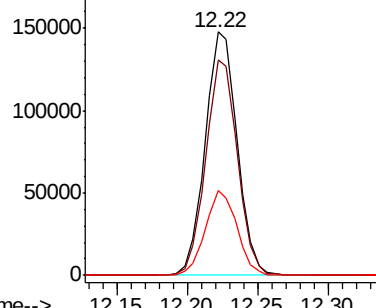


Abundance

Ion 142.00 (141.70 to 142.70): E

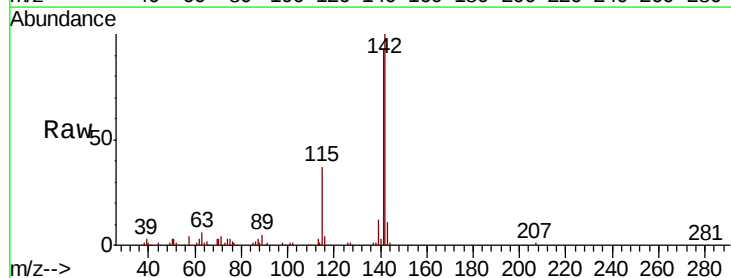
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 6.968 ng
RT: 12.45 min Scan# 1608
Delta R.T. -0.01 min
Lab File: BM021144.D
Acq: 24 Jun 2019 12:20

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	222571		
141	93.5	73.9	110.9	
116	3.8	3.0	4.6	

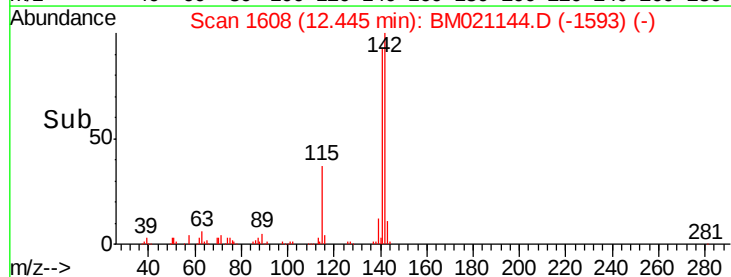
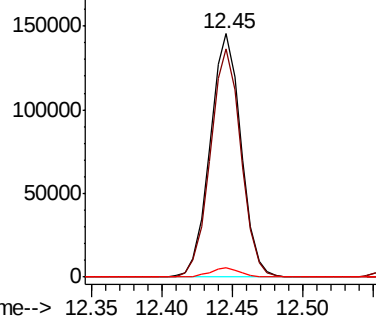


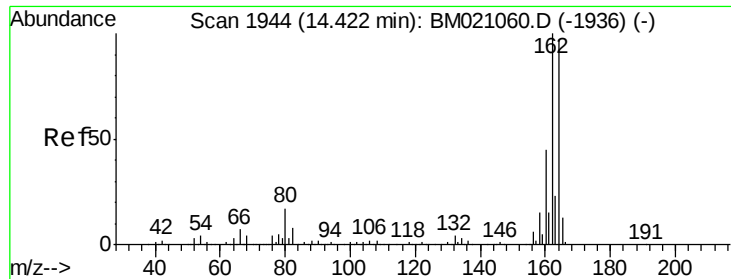
Abundance

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: 14.41 min Scan# 1942

Delta R.T. -0.01 min

Lab File: BM021144.D

Acq: 24 Jun 2019 12:20

Instrument :

BNA_M

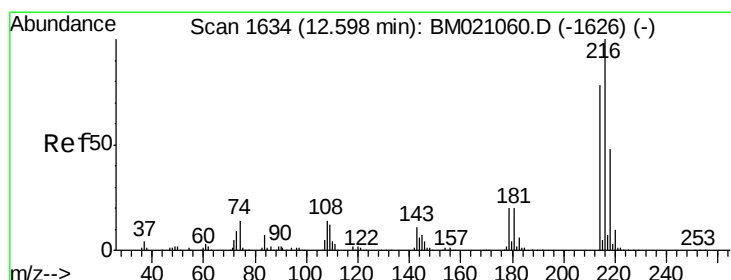
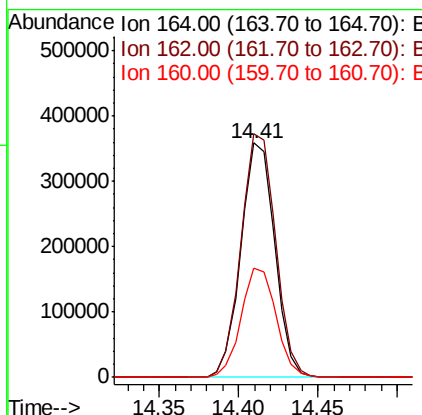
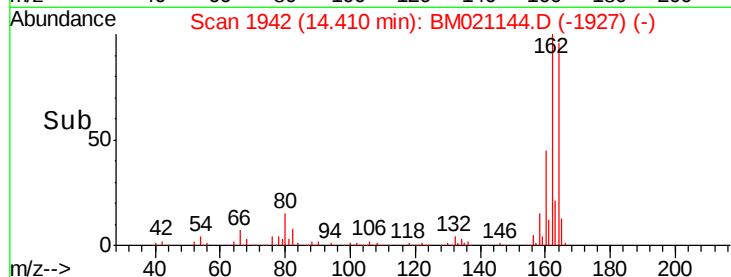
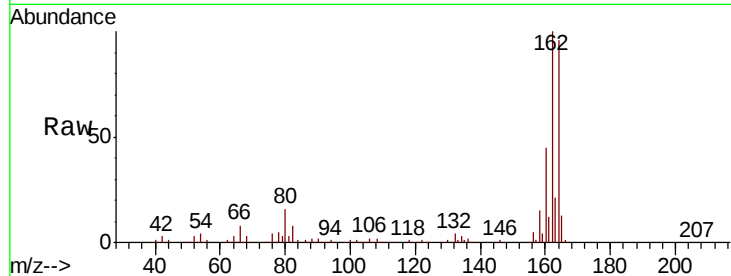
ClientSampleId :

LOD-MDL-SOIL-01-QT2-2019

Tot Ion:	164	Resp:	532744
Ion Ratio	Lower	Upper	
164	100		
162	103.9	82.1	123.1
160	46.4	37.1	55.7

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 6.727 ng

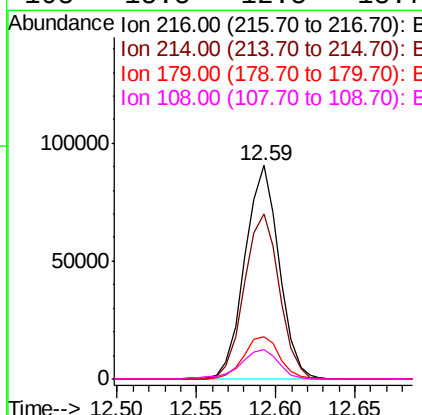
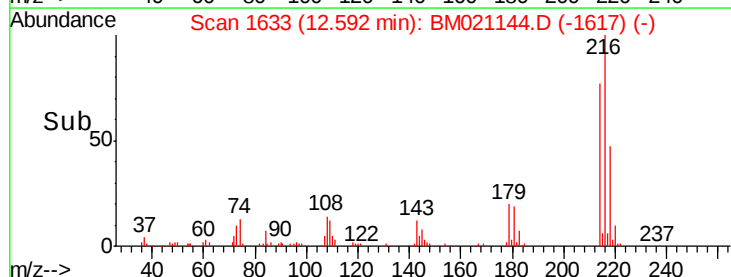
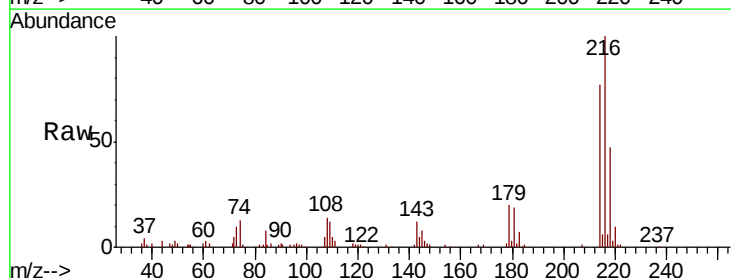
RT: 12.59 min Scan# 1633

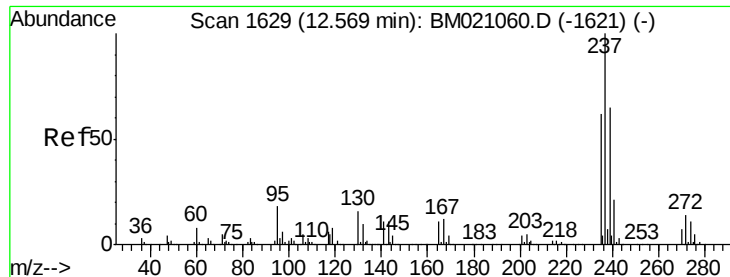
Delta R.T. -0.01 min

Lab File: BM021144.D

Acq: 24 Jun 2019 12:20

Tgt Ion:	216	Resp:	135641
Ion Ratio	Lower	Upper	
216	100		
214	79.1	63.0	94.6
179	20.8	16.4	24.6
108	15.5	12.5	18.7





#41

Hexachlorocyclopentadiene

Concen: 4.089 ng

RT: 12.56 min Scan# 1628

Delta R.T. -0.01 min

Lab File: BM021144.D

Acq: 24 Jun 2019 12:20

Instrument :

BNA_M

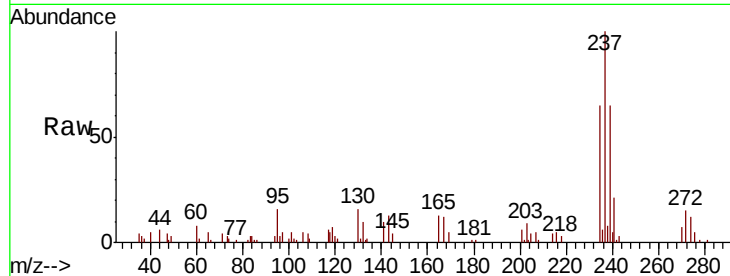
ClientSampleId :

LOD-MDL-SOIL-01-QT2-2019

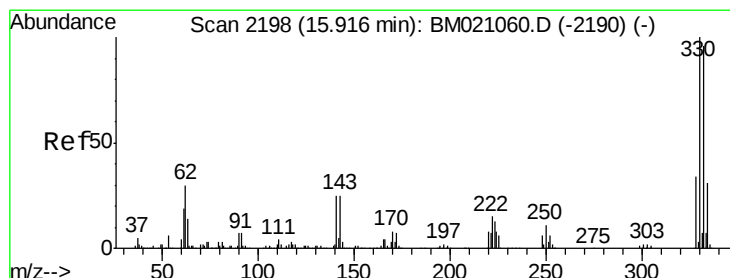
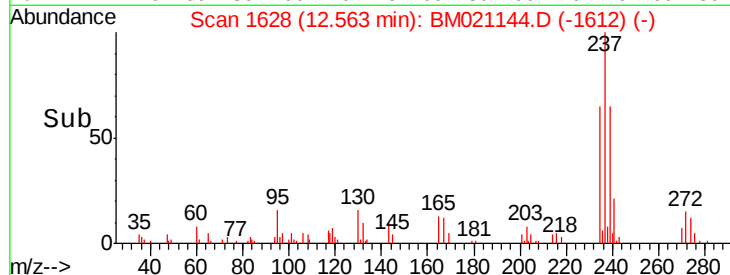
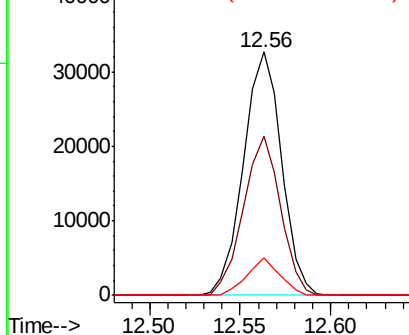
Tot Ion:	237	Resp:	47798
Ion Ratio	Lower	Upper	
237	100		
235	65.3	41.7	81.7
272	15.4	0.0	34.1

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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: 117.735 ng

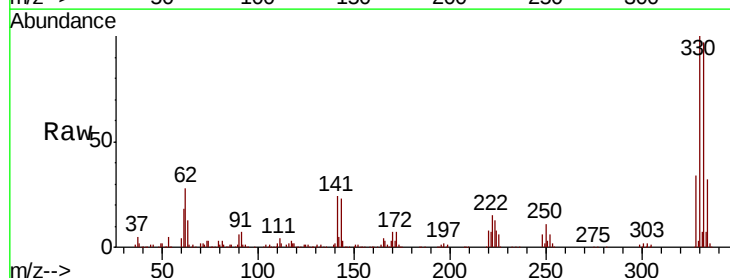
RT: 15.91 min Scan# 2197

Delta R.T. -0.01 min

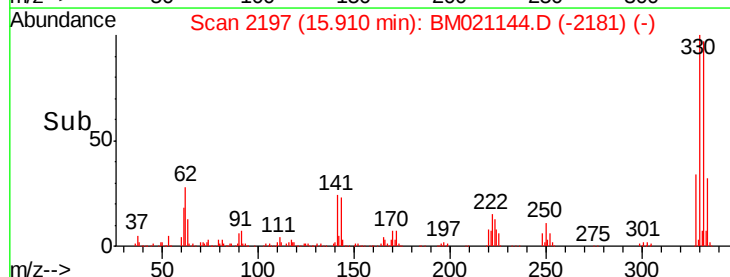
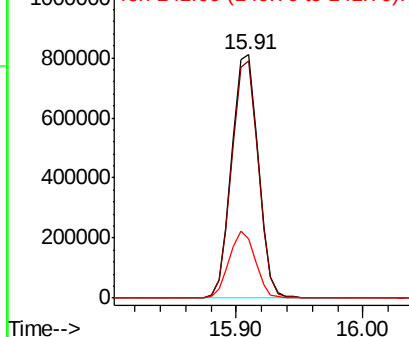
Lab File: BM021144.D

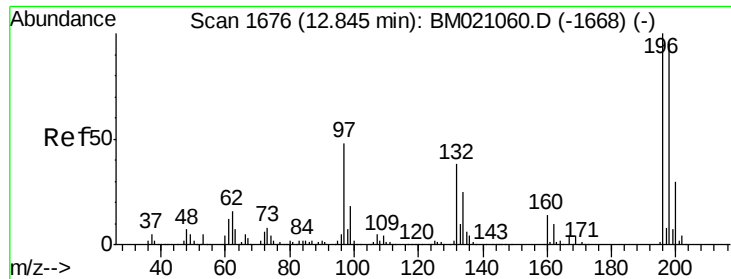
Acq: 24 Jun 2019 12:20

Tgt Ion:	330	Resp:	1176955
Ion Ratio	Lower	Upper	
330	100		
332	96.8	77.1	115.7
141	27.1	21.8	32.8



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





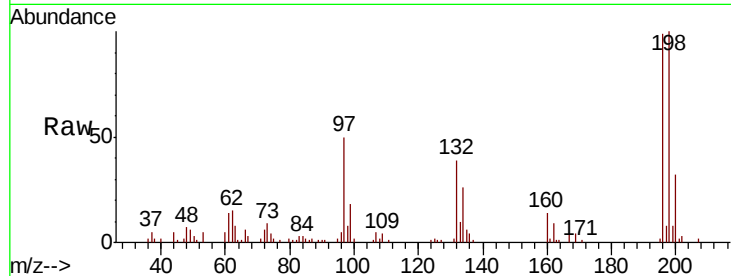
#43
 2,4,6-Trichlorophenol
 Concen: 5.996 ng
 RT: 12.84 min Scan# 1675
 Delta R.T. -0.01 min
 Lab File: BM021144.D
 Acq: 24 Jun 2019 12:20

Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2019

Tot Ion	Ratio	Lower	Upper
196	100		
198	101.4	76.7	115.1
200	32.7	24.2	36.4

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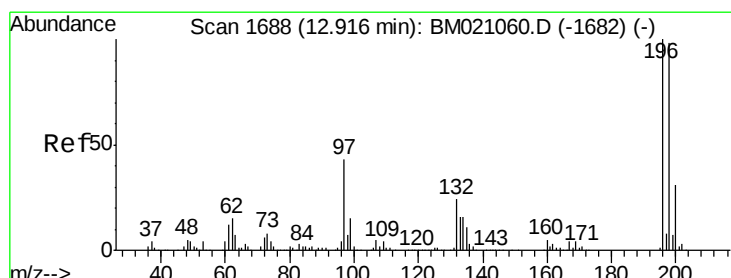
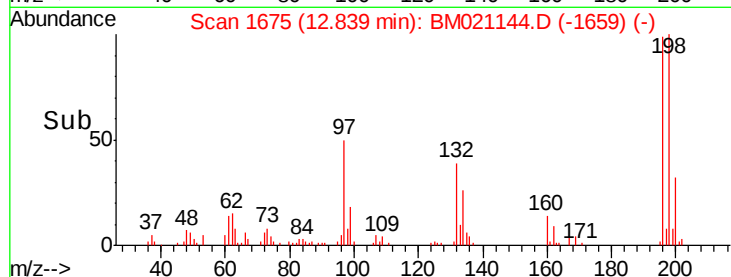
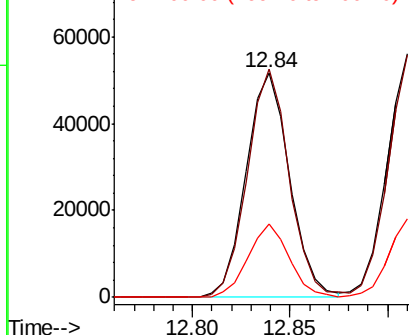


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 6.391 ng
 RT: 12.91 min Scan# 1687
 Delta R.T. -0.01 min
 Lab File: BM021144.D
 Acq: 24 Jun 2019 12:20

Tgt Ion	Ratio	Lower	Upper
196	100		
198	99.5	78.2	117.4
97	44.7	34.1	51.1
132	25.2	19.2	28.8

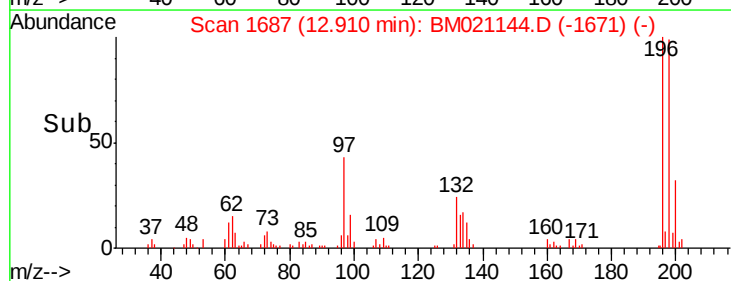
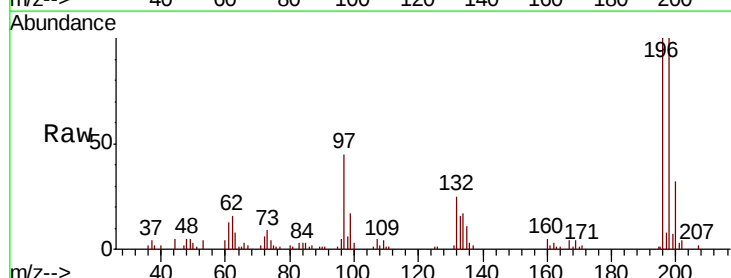
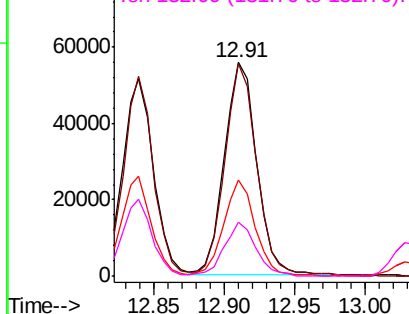
Abundance

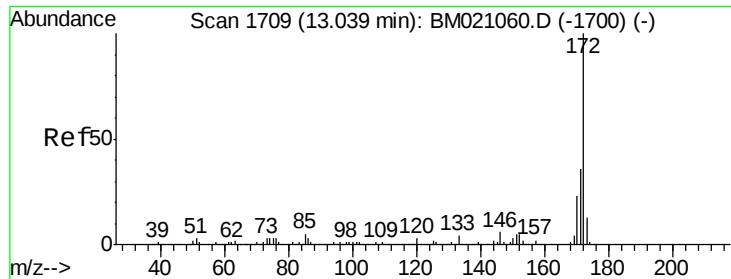
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BM0

Ion 132.00 (131.70 to 132.70): E





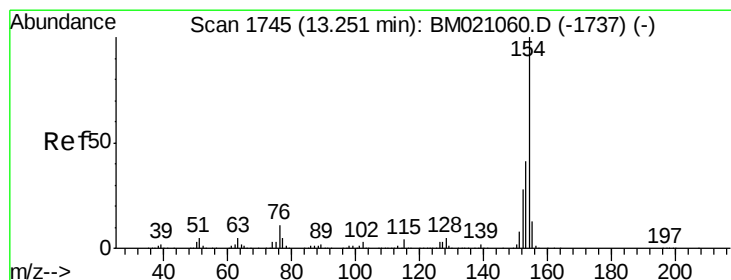
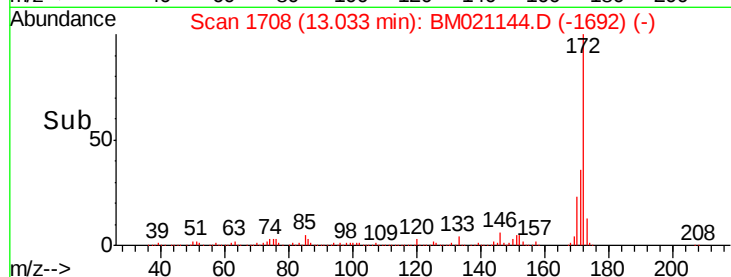
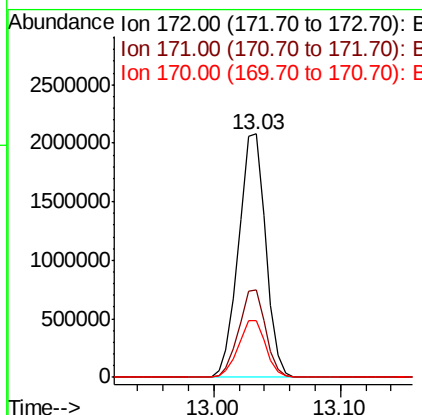
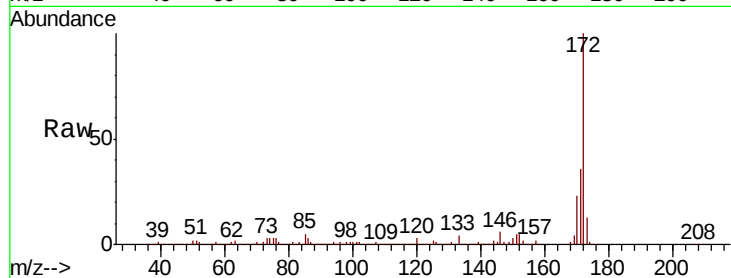
#45
2-Fluorobiphenyl
Concen: 70.827 ng
RT: 13.03 min Scan# 1708
Delta R.T. -0.01 min
Lab File: BM021144.D
Acq: 24 Jun 2019 12:20

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2019

Tot Ion:172 Resp: 3070181
Ion Ratio Lower Upper
172 100
171 35.9 28.6 43.0
170 23.1 18.7 28.1

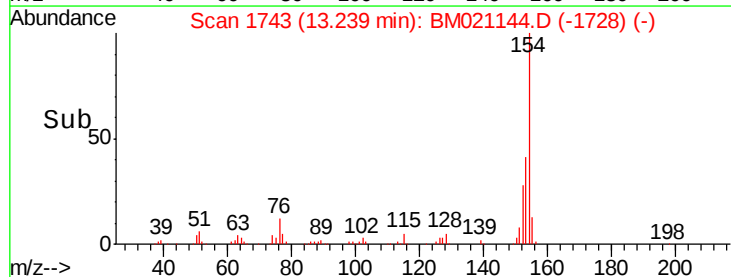
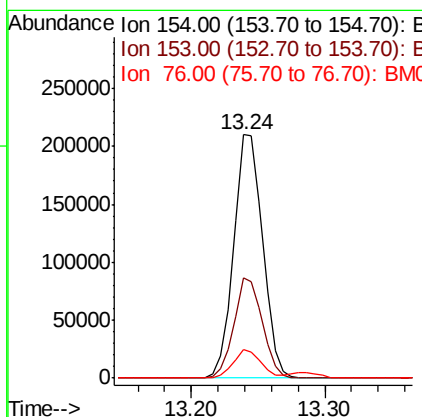
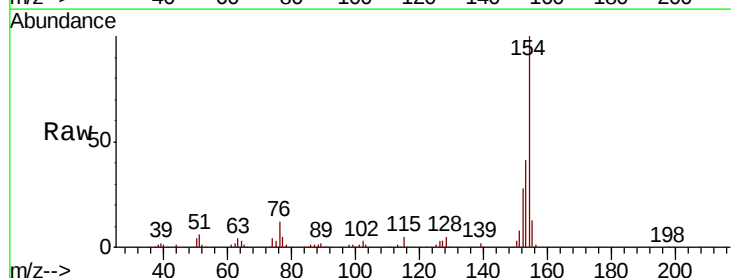
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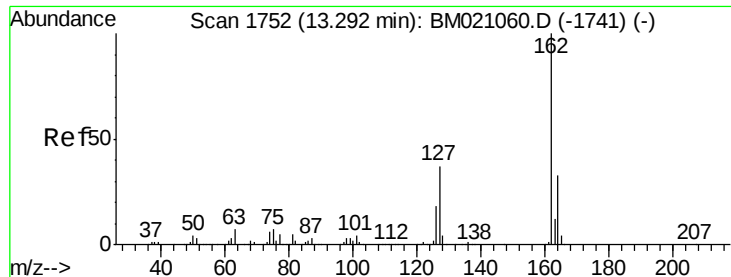
mohammad
6/28/2019 8:25:54 AM



#46
1,1'-Biphenyl
Concen: 6.953 ng
RT: 13.24 min Scan# 1743
Delta R.T. -0.01 min
Lab File: BM021144.D
Acq: 24 Jun 2019 12:20

Tgt Ion:154 Resp: 317018
Ion Ratio Lower Upper
154 100
153 41.2 21.3 61.3
76 11.8 0.0 30.9





#47

2-Chloronaphthalene

Concen: 6.820 ng

RT: 13.29 min Scan# 1751

Delta R.T. -0.01 min

Lab File: BM021144.D

Acq: 24 Jun 2019 12:20

Instrument :

BNA_M

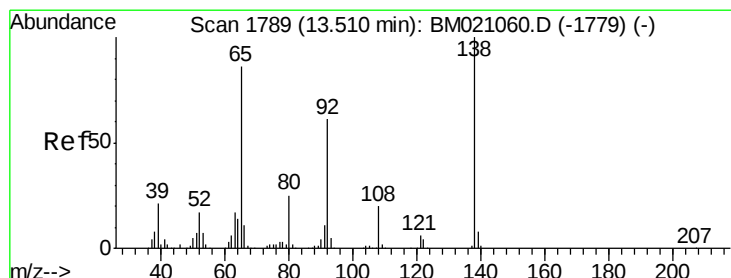
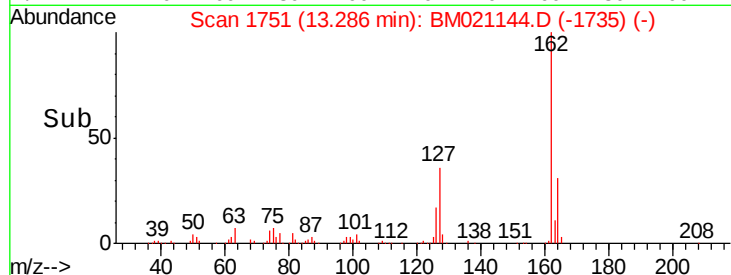
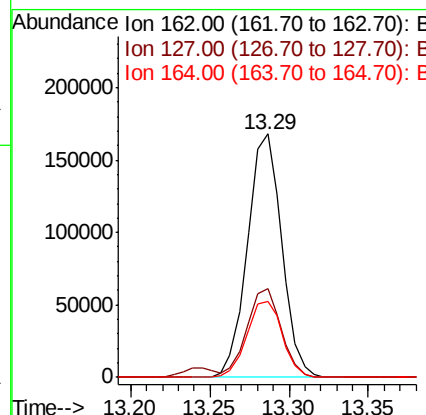
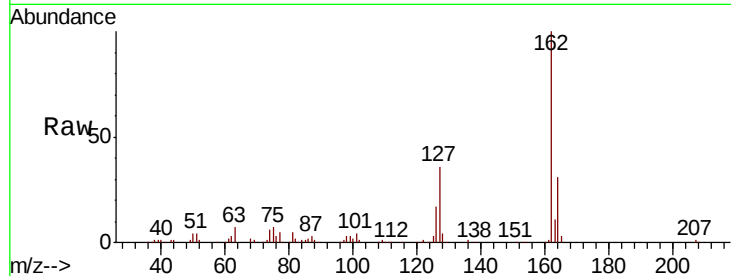
ClientSampleId :

LOD-MDL-SOIL-01-QT2-2019

Tot Ion	Ratio	Resp	Lower	Upper
162	100	252571		
127	36.3	29.4	44.2	
164	31.3	26.5	39.7	

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#48

2-Nitroaniline

Concen: 5.288 ng

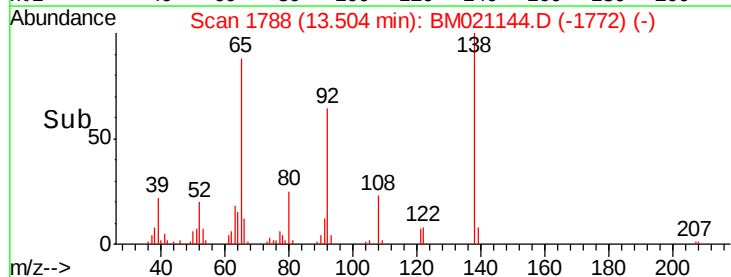
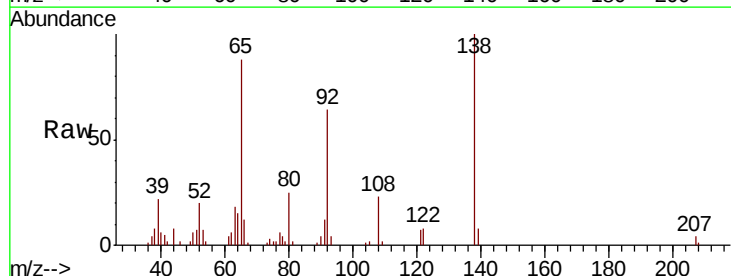
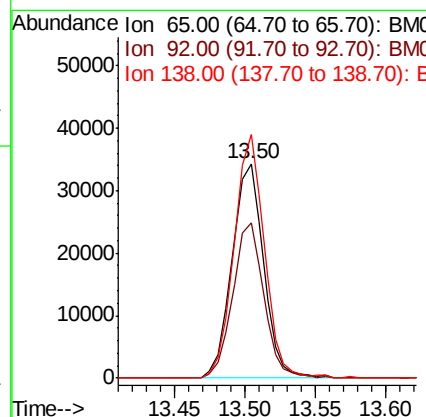
RT: 13.50 min Scan# 1788

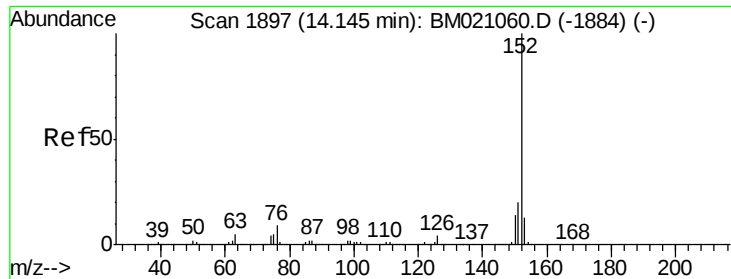
Delta R.T. -0.01 min

Lab File: BM021144.D

Acq: 24 Jun 2019 12:20

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	53570		
92	72.1	56.3	84.5	
138	113.4	92.6	139.0	





#49

Acenaphthylene

Concen: 6.812 ng

RT: 14.13 min Scan# 1895

Delta R.T. -0.01 min

Lab File: BM021144.D

Acq: 24 Jun 2019 12:20

Instrument :

BNA_M

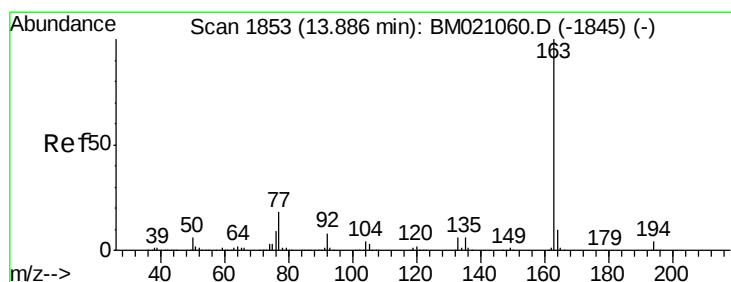
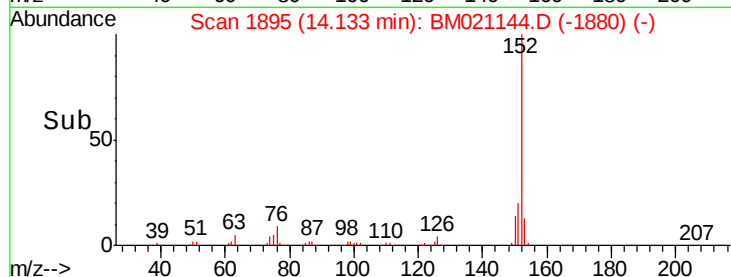
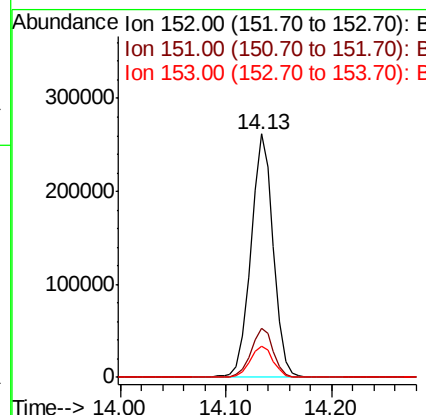
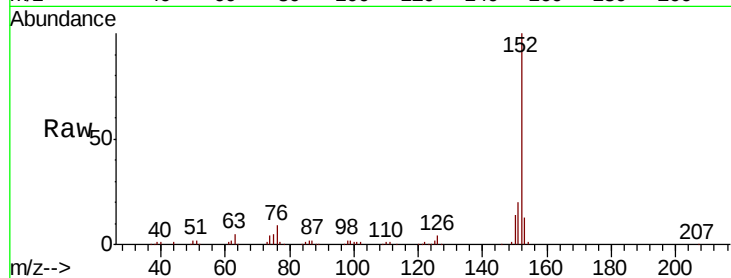
ClientSampleId :

LOD-MDL-SOIL-01-QT2-2019

Tot Ion	Ratio	Resp	Lower	Upper
152	100	383918		
151	20.1		16.1	24.1
153	12.6		10.6	16.0

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#50

Dimethylphthalate

Concen: 6.685 ng

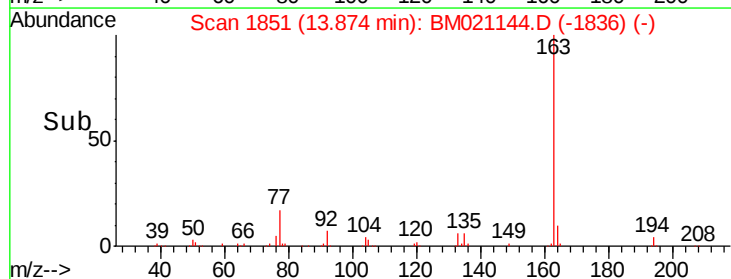
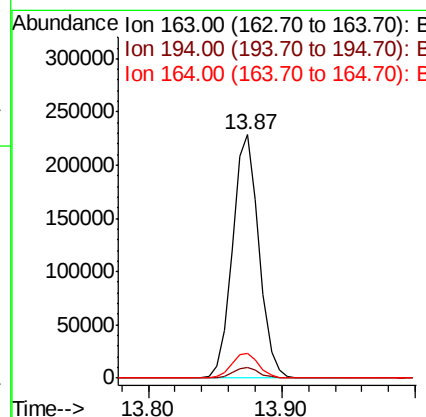
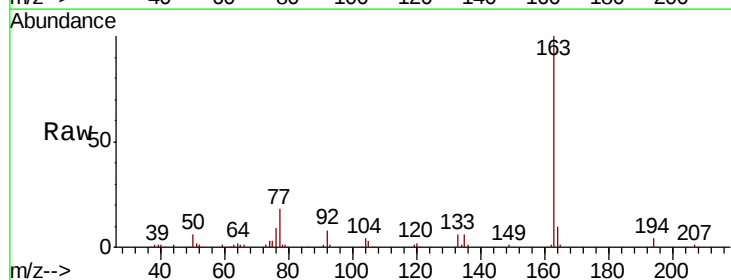
RT: 13.87 min Scan# 1851

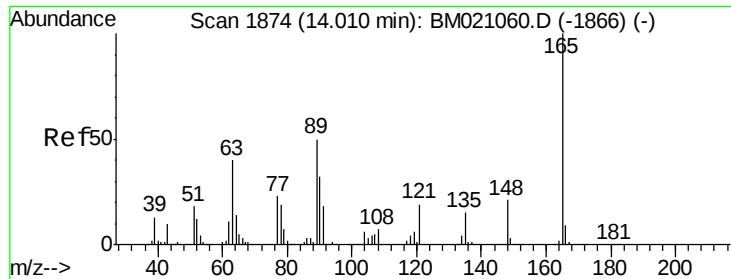
Delta R.T. -0.01 min

Lab File: BM021144.D

Acq: 24 Jun 2019 12:20

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	316648		
194	4.2		3.4	5.2
164	10.0		8.2	12.2





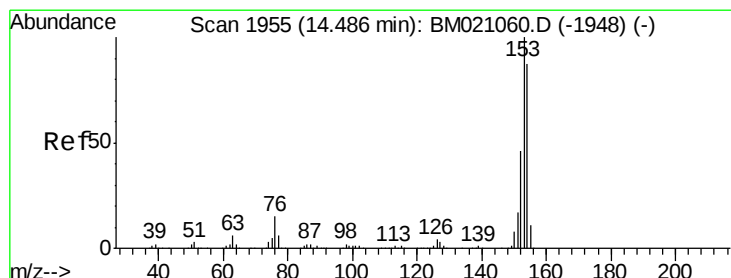
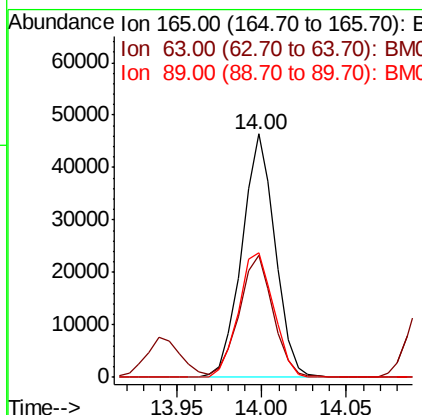
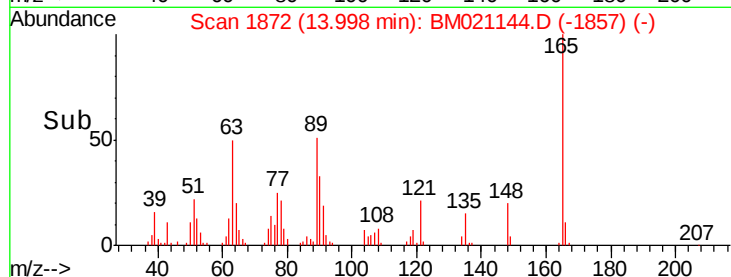
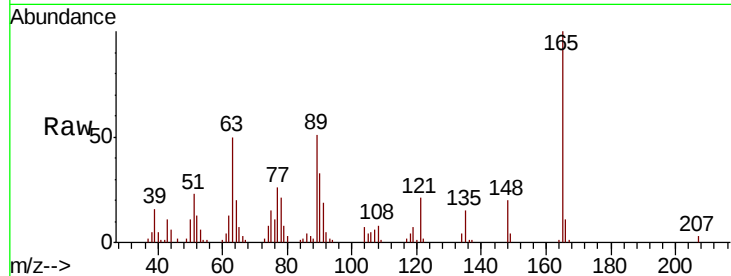
#51
 2,6-Dinitrotoluene
 Concen: 6.236 ng
 RT: 14.00 min Scan# 1872
 Delta R.T. -0.01 min
 Lab File: BM021144.D
 Acq: 24 Jun 2019 12:20

Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2019

Tot Ion	Ratio	Resp	Lower	Upper
165	100	63546		
63	50.2		37.8	56.6
89	51.3		39.7	59.5

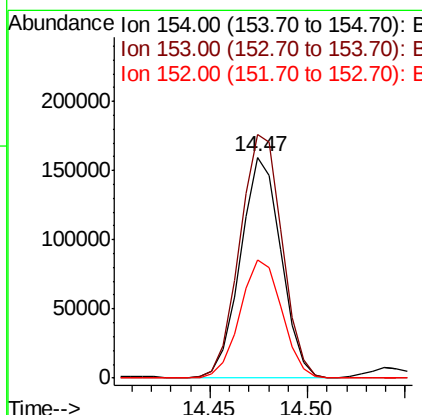
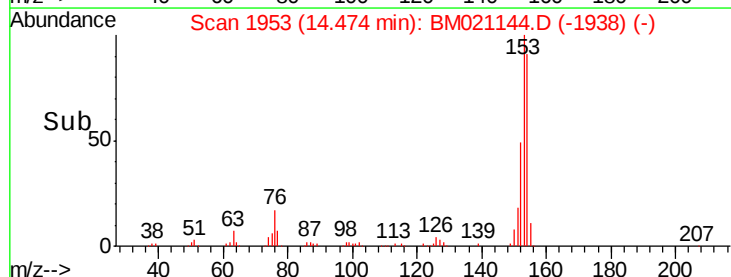
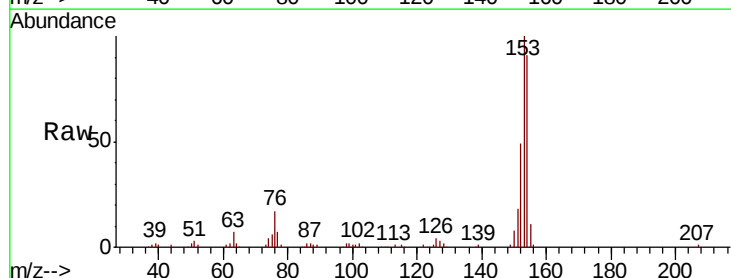
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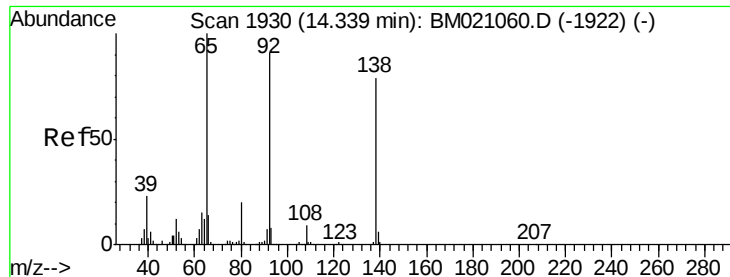
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#52
 Acenaphthene
 Concen: 6.781 ng
 RT: 14.47 min Scan# 1953
 Delta R.T. -0.01 min
 Lab File: BM021144.D
 Acq: 24 Jun 2019 12:20

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	230561		
153	110.4		91.5	137.3
152	53.6		42.3	63.5





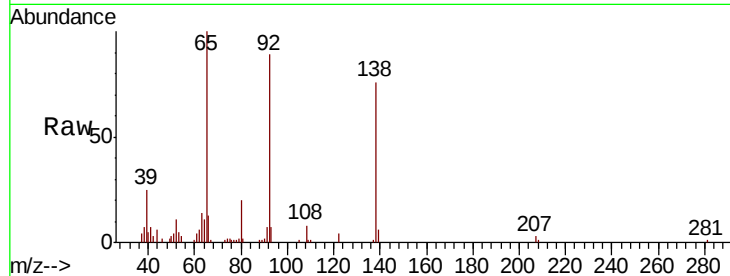
#53
3-Nitroaniline
Concen: 5.538 ng
RT: 14.33 min Scan# 1929
Delta R.T. -0.01 min
Lab File: BM021144.D
Acq: 24 Jun 2019 12:20

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2019

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.6	9.0	13.4
92	117.0	92.2	138.2

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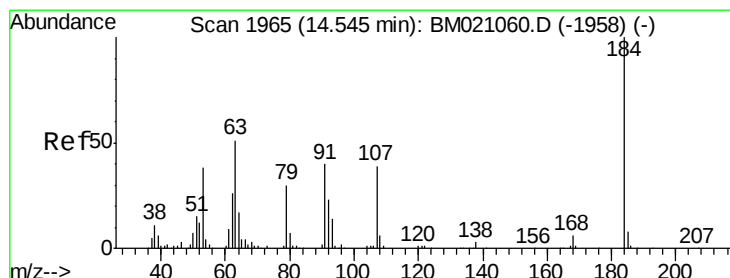
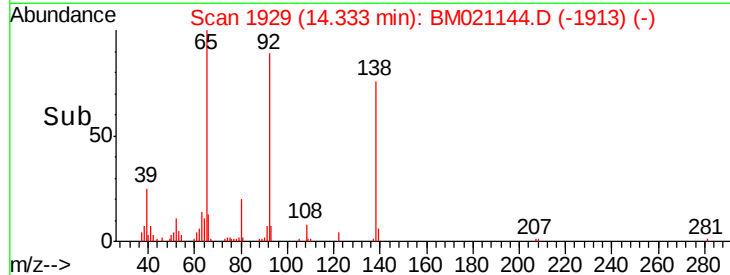
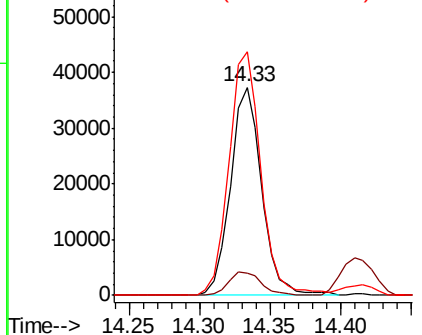


Abundance

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: 3.225 ng
RT: 14.54 min Scan# 1964
Delta R.T. -0.01 min
Lab File: BM021144.D
Acq: 24 Jun 2019 12:20

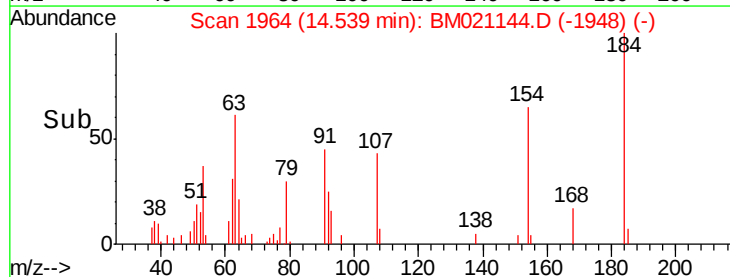
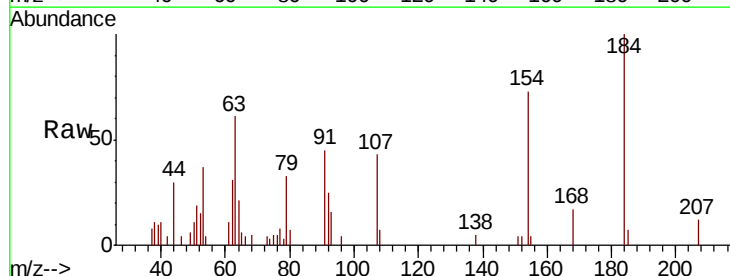
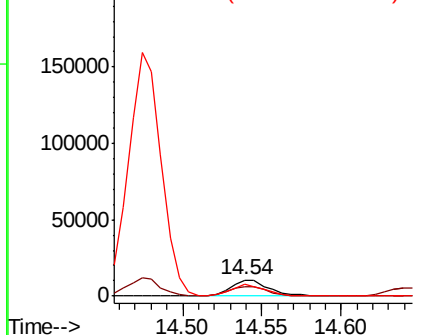
Tgt Ion	Ratio	Lower	Upper
184	100		
63	60.9	45.5	68.3
154	72.9	50.6	76.0

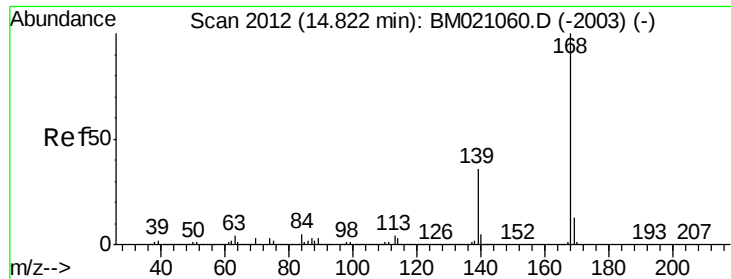
Abundance

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





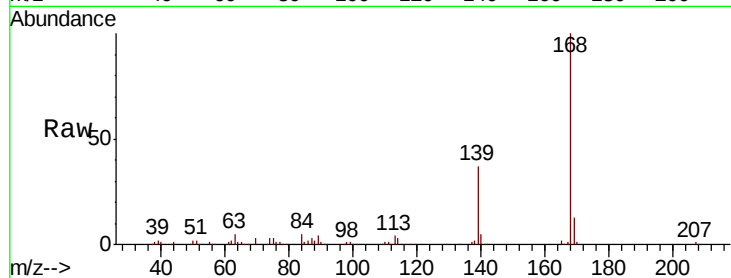
#55
Dibenzenofuran
Concen: 7.234 ng
RT: 14.81 min Scan# 2010
Delta R.T. -0.01 min
Lab File: BM021144.D
Acq: 24 Jun 2019 12:20

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2019

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.9	28.4	42.6
169	12.8	10.6	16.0

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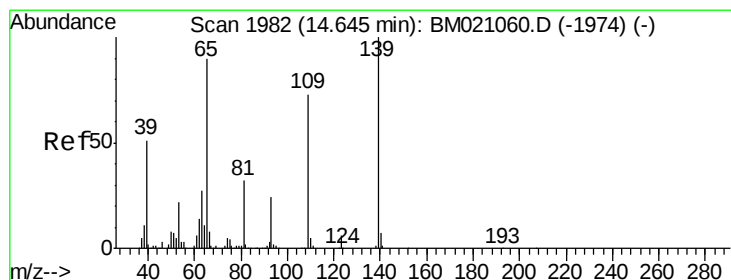
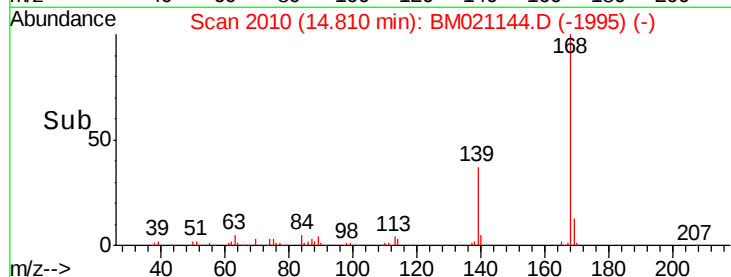
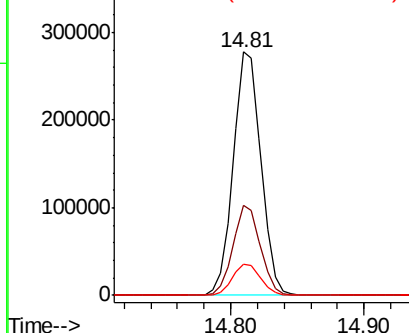


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 4.567 ng
RT: 14.65 min Scan# 1982
Delta R.T. -0.00 min
Lab File: BM021144.D
Acq: 24 Jun 2019 12:20

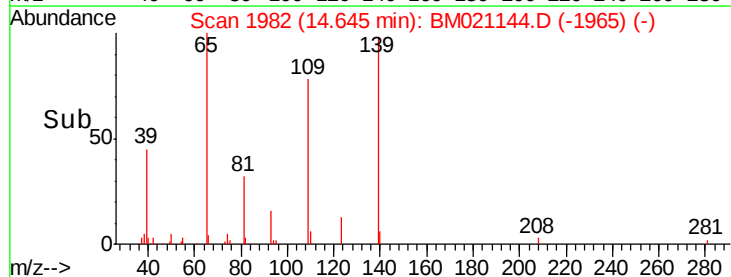
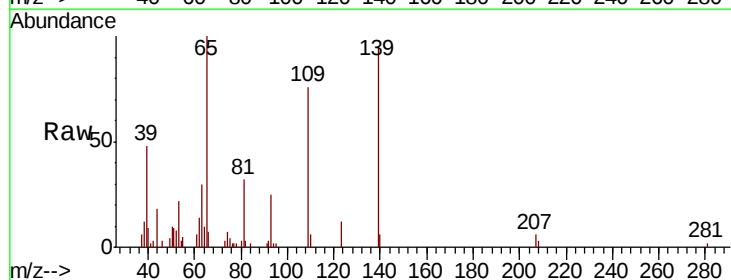
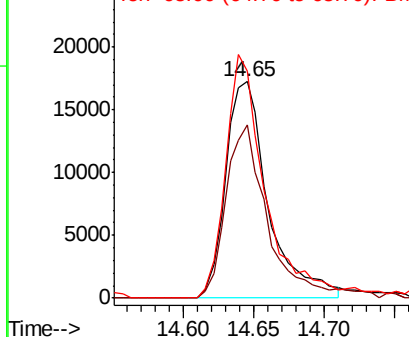
Tgt Ion	Ratio	Lower	Upper
139	100		
109	79.9	53.3	93.3
65	105.1	70.3	110.3

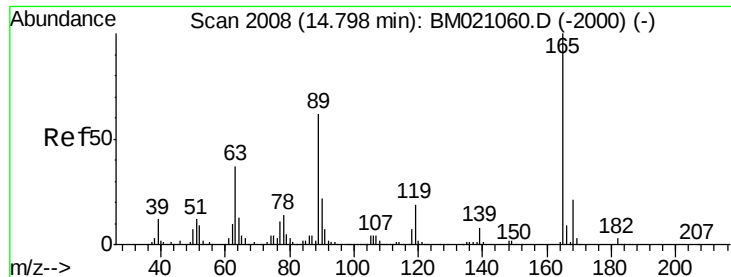
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E





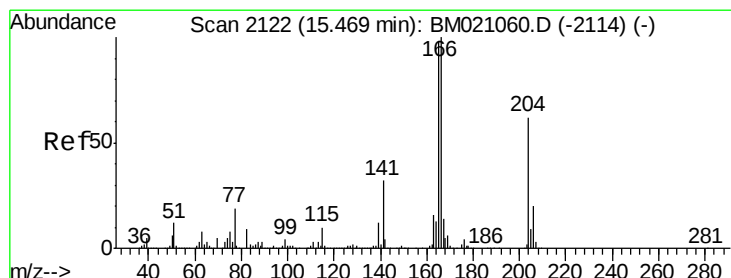
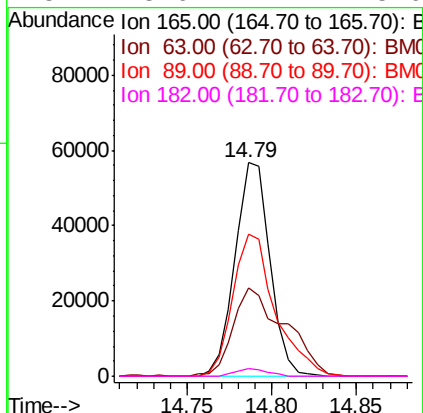
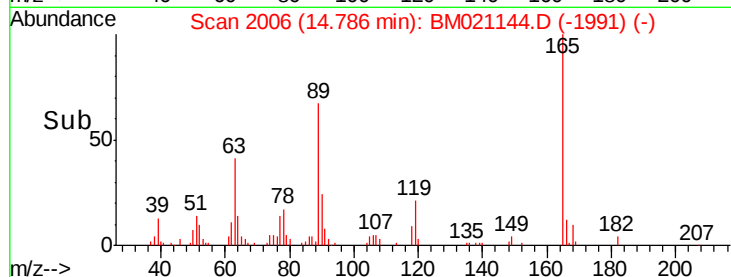
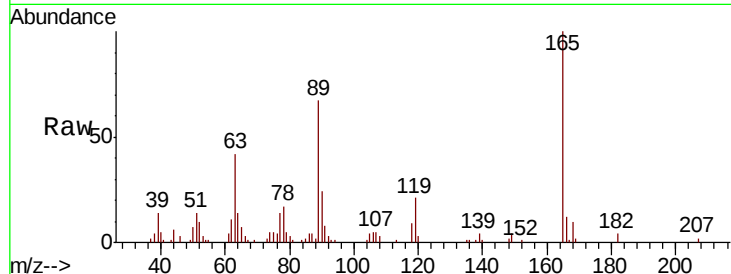
#57
 2,4-Dinitrotoluene
 Concen: 5.831 ng
 RT: 14.79 min Scan# 2006
 Delta R.T. -0.01 min
 Lab File: BM021144.D
 Acq: 24 Jun 2019 12:20

Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2019

Tot Ion	Ratio	Lower	Upper
165	100		
63	41.7	29.6	44.4
89	66.7	49.5	74.3
182	3.6	2.4	3.6#

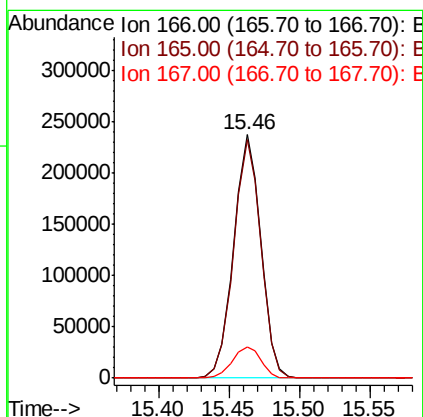
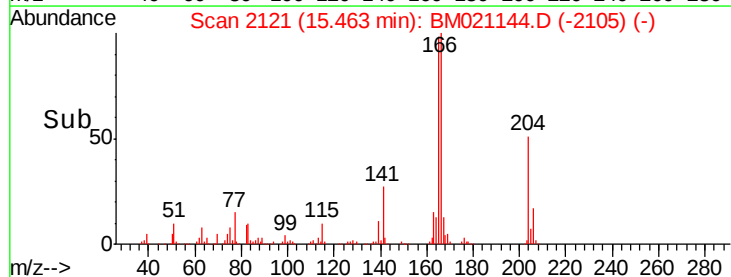
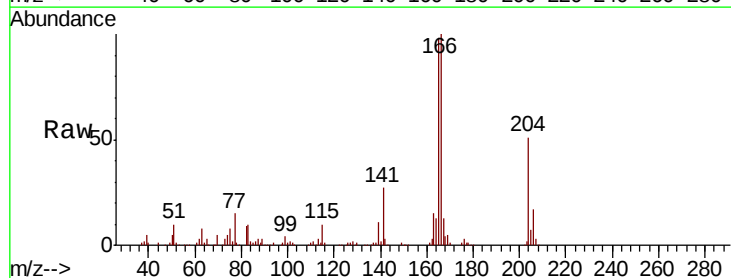
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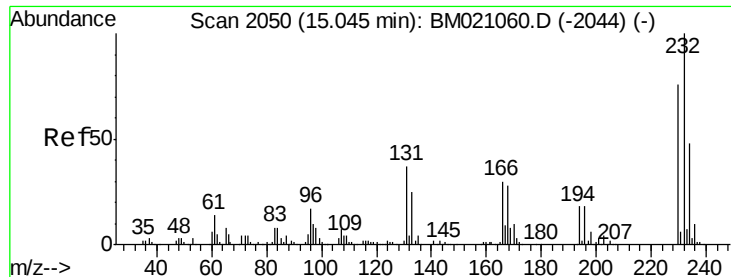
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#58
 Fluorene
 Concen: 7.030 ng
 RT: 15.46 min Scan# 2121
 Delta R.T. -0.01 min
 Lab File: BM021144.D
 Acq: 24 Jun 2019 12:20

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.9	78.6	117.8
167	12.7	10.9	16.3





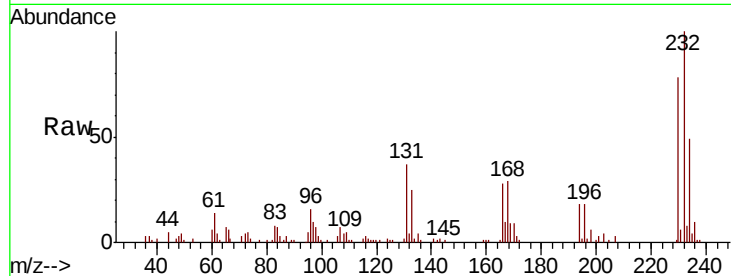
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 6.498 ng
 RT: 15.04 min Scan# 2049
 Delta R.T. -0.01 min
 Lab File: BM021144.D
 Acq: 24 Jun 2019 12:20

Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2019

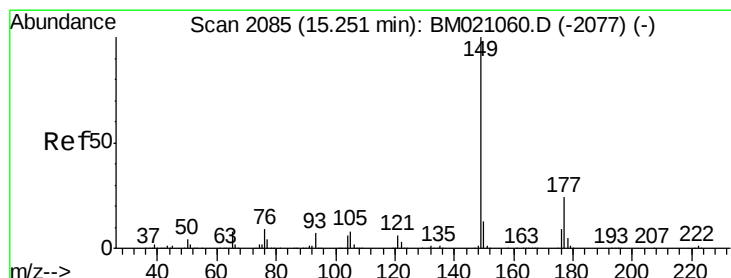
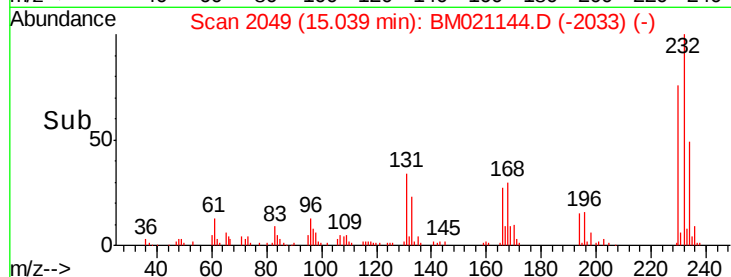
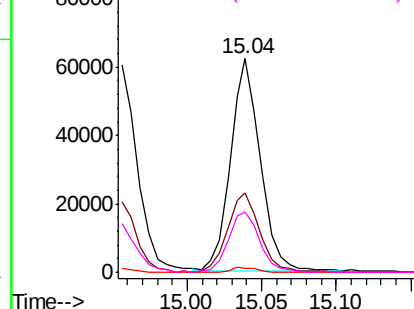
Tot Ion	Ratio	Lower	Upper
232	100		
131	40.9	30.6	46.0
130	1.9	1.7	2.5
166	30.3	23.4	35.0

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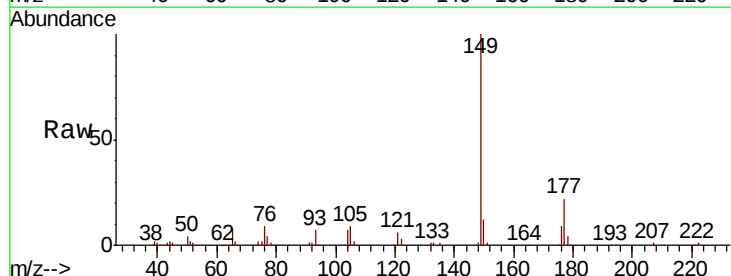


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

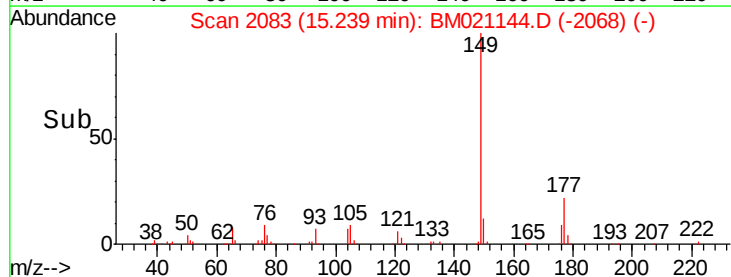
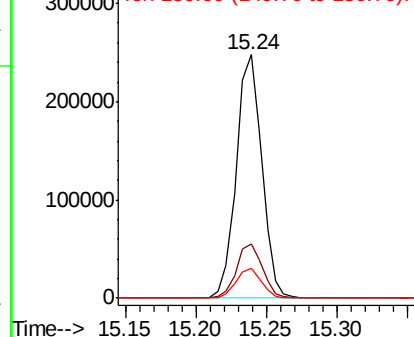


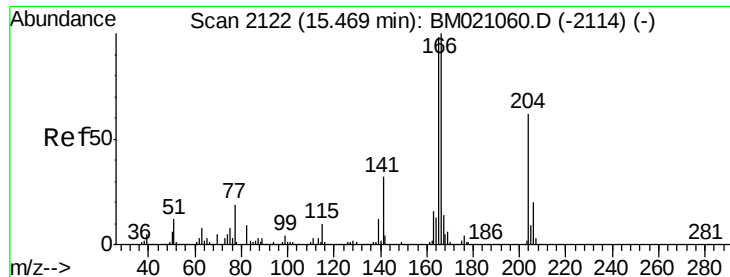
#60
 Diethylphthalate
 Concen: 6.673 ng
 RT: 15.24 min Scan# 2083
 Delta R.T. -0.01 min
 Lab File: BM021144.D
 Acq: 24 Jun 2019 12:20

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.5	19.1	28.7
150	12.2	10.1	15.1



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





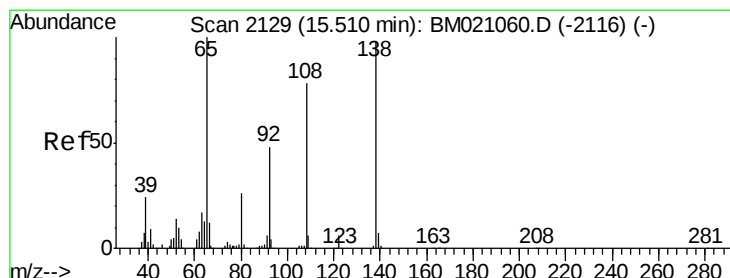
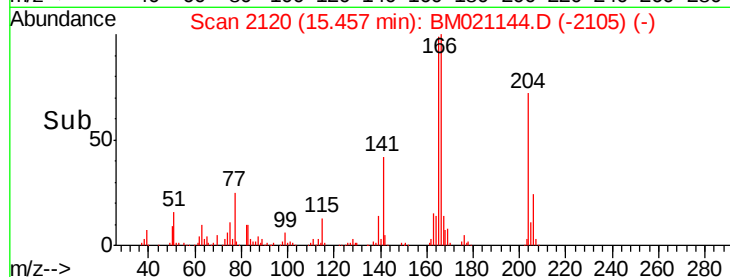
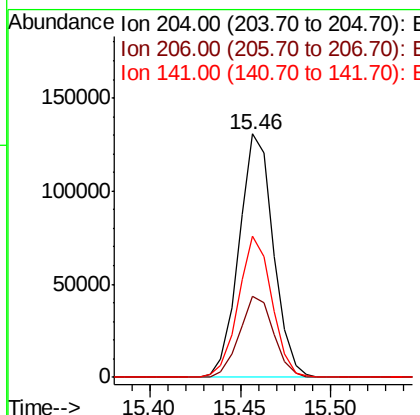
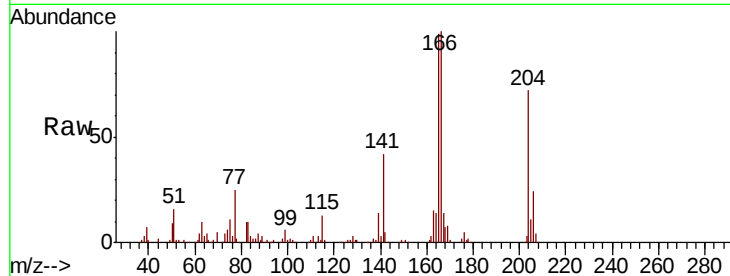
#61
4-Chlorophenyl-phenylether
Concen: 6.709 ng
RT: 15.46 min Scan# 2120
Delta R.T. -0.01 min
Lab File: BM021144.D
Acq: 24 Jun 2019 12:20

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2019

Tot Ion	Ratio	Resp	Lower	Upper
204	100	171782		
206	33.1	26.1	39.1	
141	58.0	40.7	61.1	

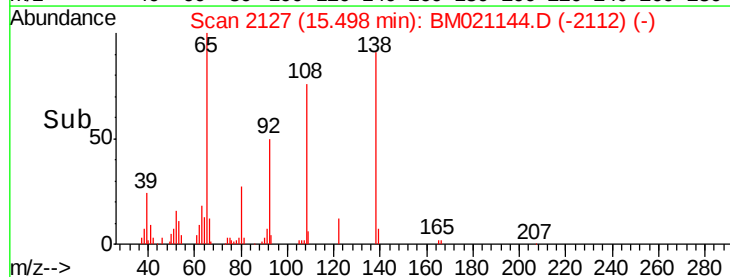
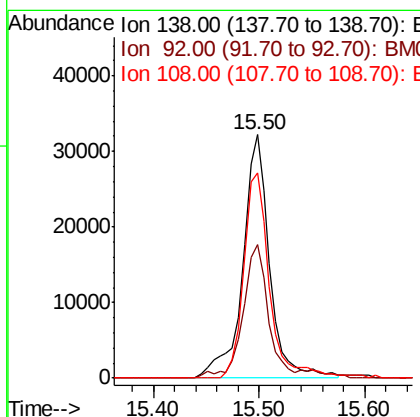
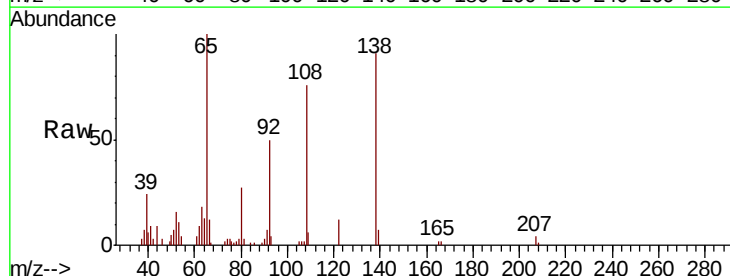
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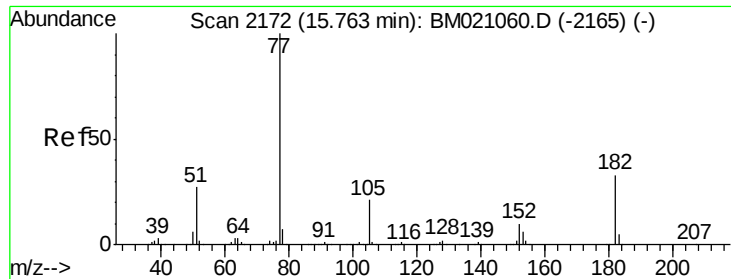
mohammad
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#62
4-Nitroaniline
Concen: 5.222 ng
RT: 15.50 min Scan# 2127
Delta R.T. -0.01 min
Lab File: BM021144.D
Acq: 24 Jun 2019 12:20

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	56938		
92	55.0	29.1	69.1	
108	84.4	59.2	99.2	





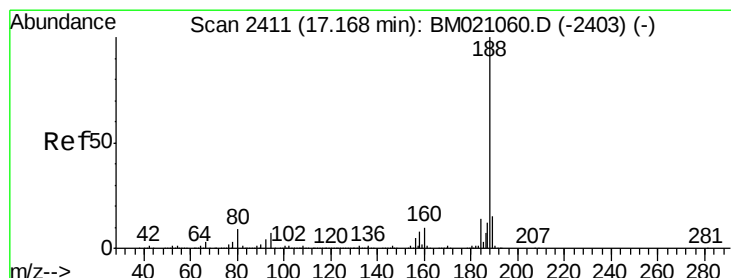
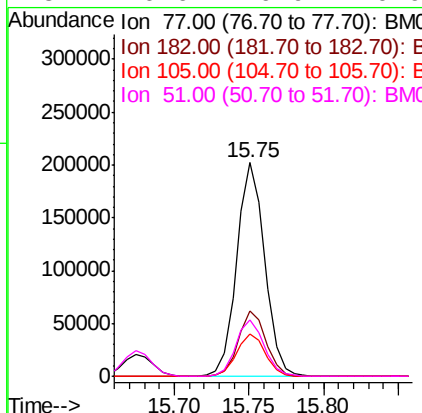
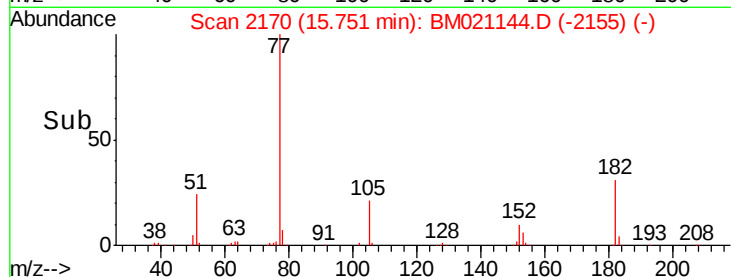
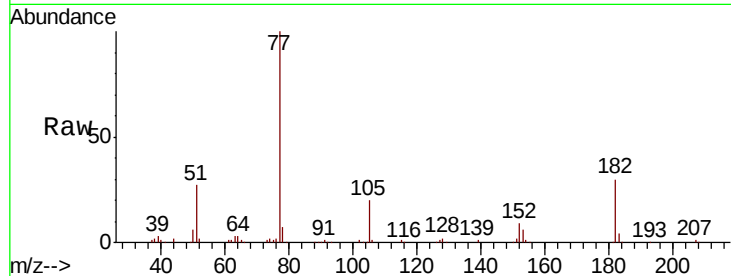
#63
Azobenzene
Concen: 6.898 ng
RT: 15.75 min Scan# 2170
Delta R.T. -0.01 min
Lab File: BM021144.D
Acq: 24 Jun 2019 12:20

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2019

Tot Ion	Ratio	Lower	Upper
77	100		
182	30.3	12.6	52.6
105	19.9	1.1	41.1
51	26.6	6.9	46.9

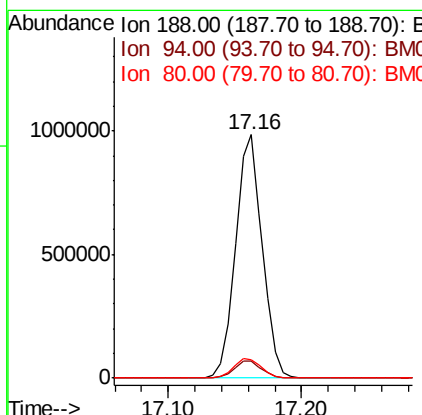
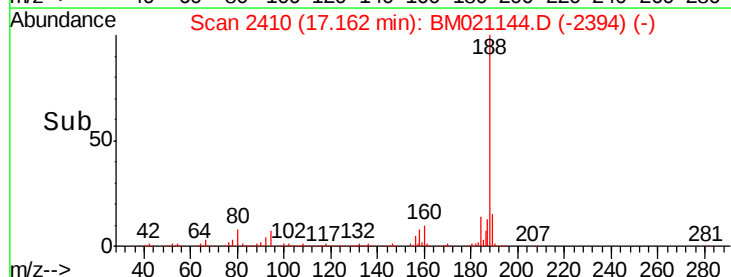
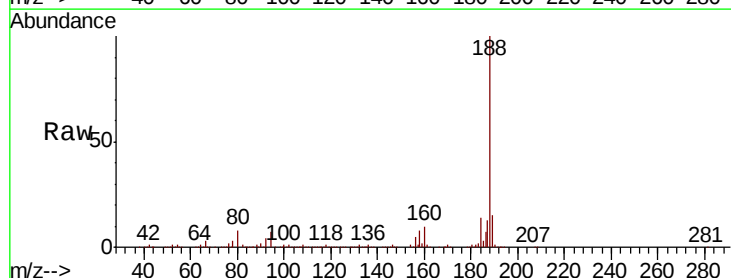
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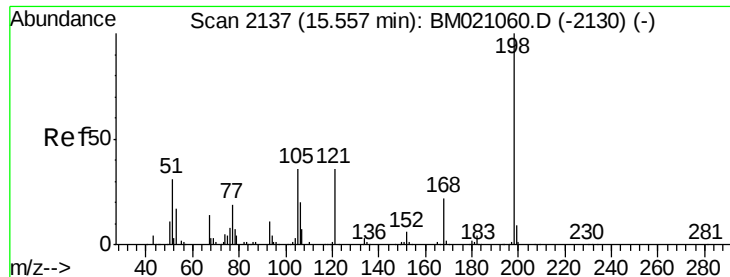
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.16 min Scan# 2410
Delta R.T. -0.01 min
Lab File: BM021144.D
Acq: 24 Jun 2019 12:20

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.2	5.8	8.8
80	7.8	6.9	10.3





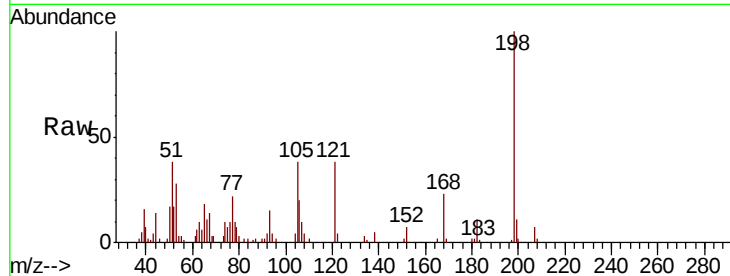
#65
4,6-Dinitro-2-methylphenol
Concen: 4.156 ng
RT: 15.55 min Scan# 2136
Delta R.T. -0.01 min
Lab File: BM021144.D
Acq: 24 Jun 2019 12:20

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2019

Tot Ion	Ratio	Resp	Lower	Upper
198	100	34761		
51	38.0	15.3	55.3	
105	38.2	16.8	56.8	

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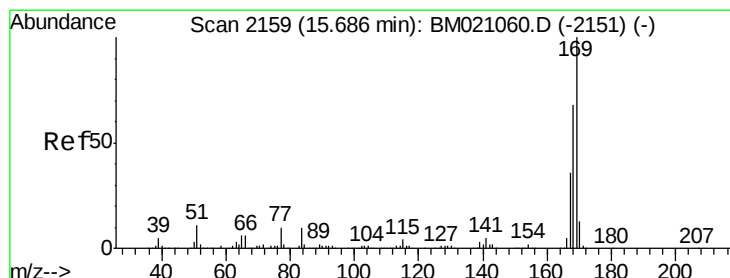
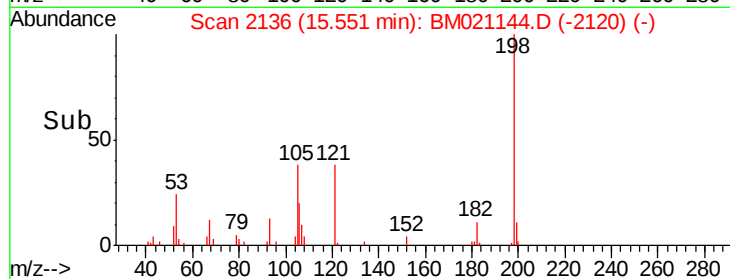
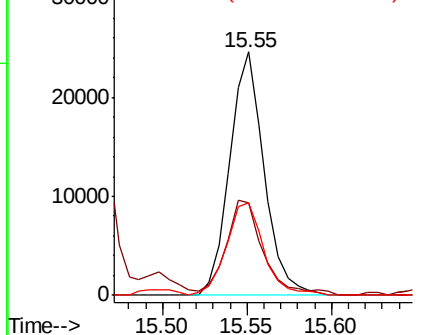


Abundance

Ion 198.00 (197.70 to 198.70): E

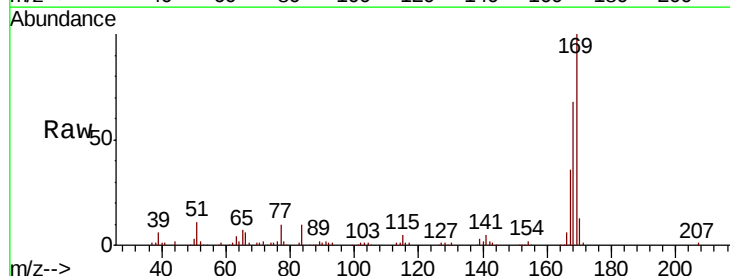
Ion 51.00 (50.70 to 51.70): BM

Ion 105.00 (104.70 to 105.70): E



#66
n-Nitrosodiphenylamine
Concen: 6.428 ng
RT: 15.67 min Scan# 2157
Delta R.T. -0.01 min
Lab File: BM021144.D
Acq: 24 Jun 2019 12:20

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	274890		
168	68.1	54.5	81.7	
167	36.3	29.0	43.6	

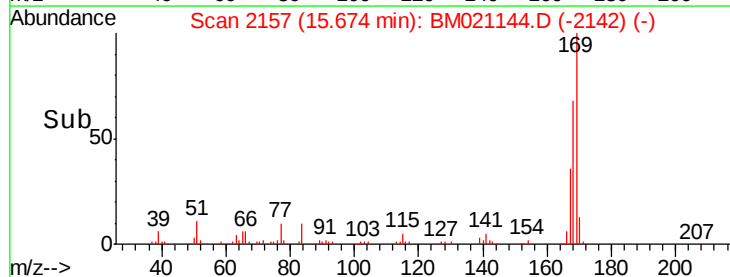
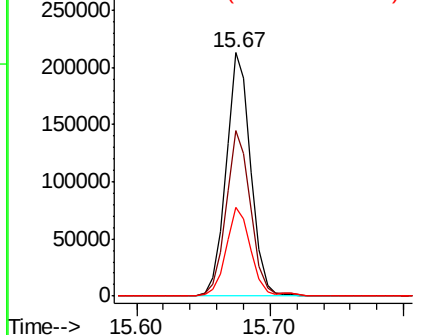


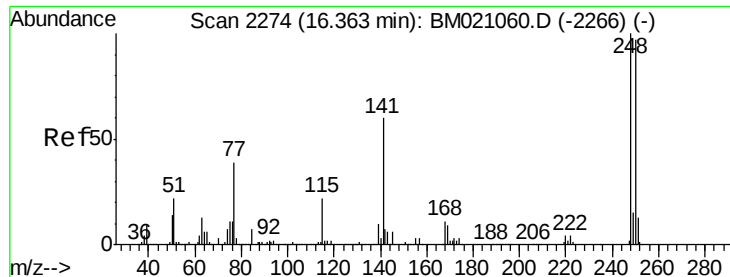
Abundance

Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





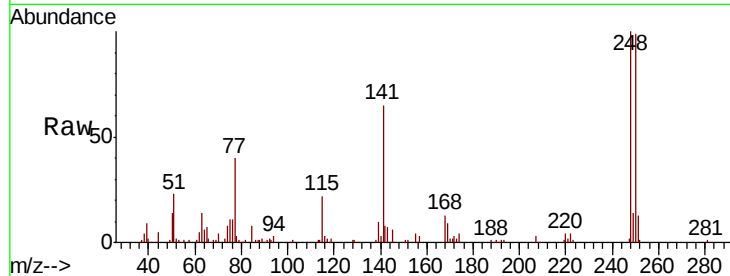
#67
 4-Bromophenyl-phenylether
 Concen: 6.182 ng
 RT: 16.36 min Scan# 2273
 Delta R.T. -0.01 min
 Lab File: BM021144.D
 Acq: 24 Jun 2019 12:20

Instrument :
 BNA_M
 ClientSampleID :
 LOD-MDL-SOIL-01-QT2-2019

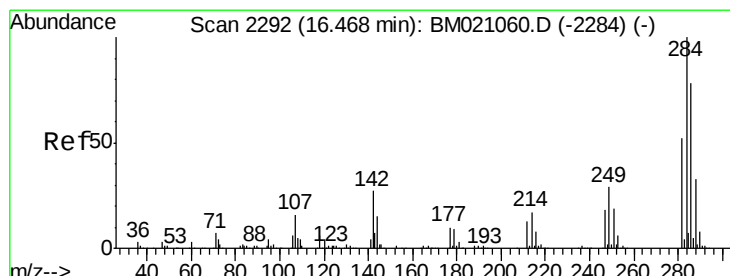
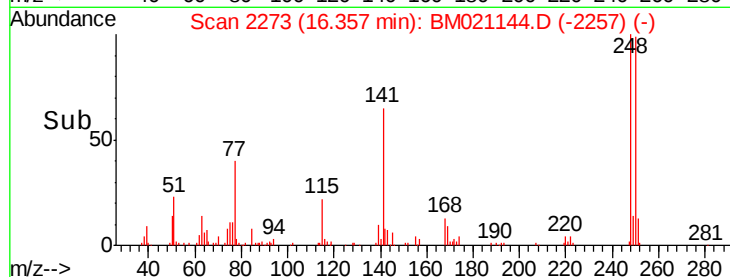
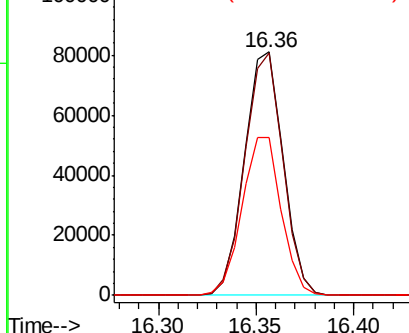
Tot Ion:	248	Resp:	111644
Ion Ratio	Lower	Upper	
248	100		
250	99.5	77.5	116.3
141	64.6	47.8	71.6

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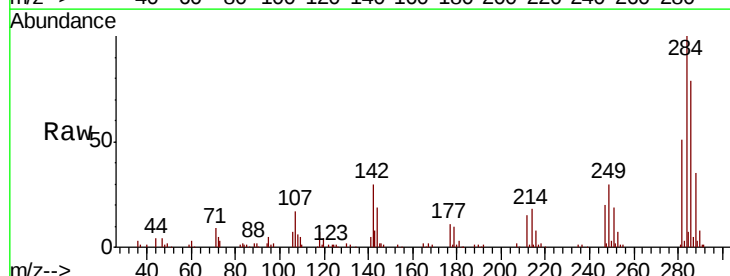


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

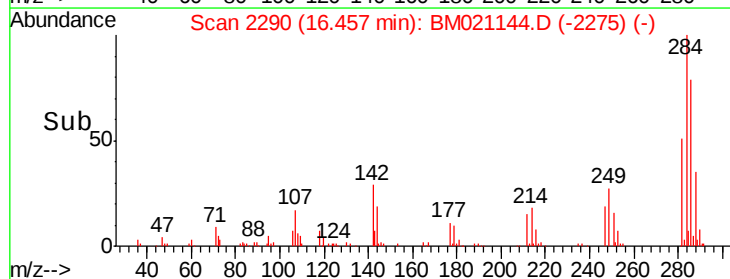
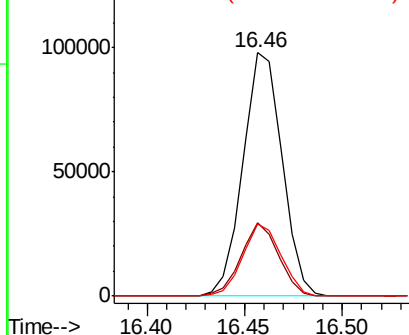


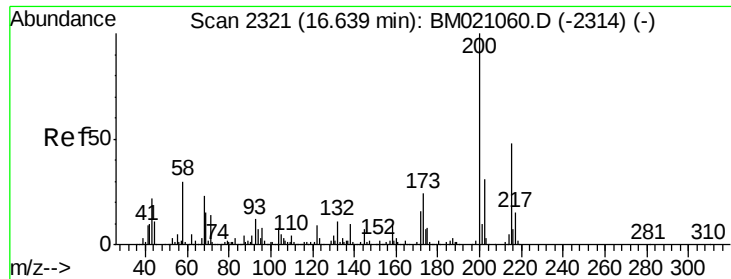
#68
 Hexachlorobenzene
 Concen: 6.322 ng
 RT: 16.46 min Scan# 2290
 Delta R.T. -0.01 min
 Lab File: BM021144.D
 Acq: 24 Jun 2019 12:20

Tgt Ion:	284	Resp:	136410
Ion Ratio	Lower	Upper	
284	100		
142	30.2	21.2	31.8
249	29.8	23.4	35.0



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





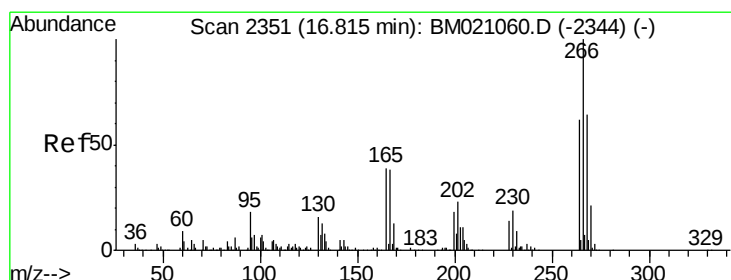
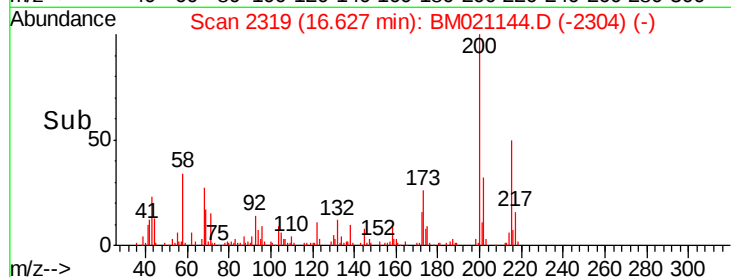
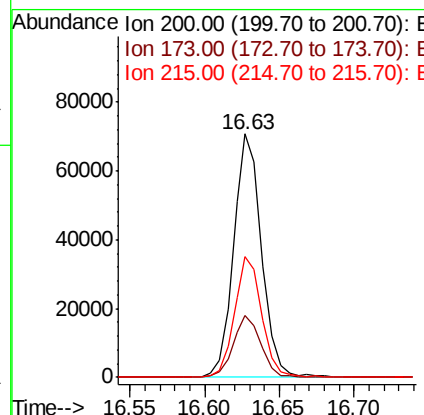
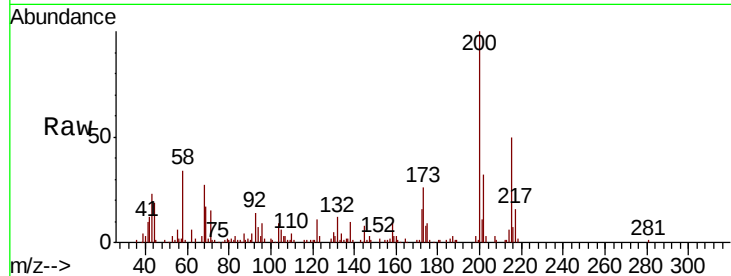
#69
Atrazine
Concen: 6.624 ng
RT: 16.63 min Scan# 2319
Delta R.T. -0.01 min
Lab File: BM021144.D
Acq: 24 Jun 2019 12:20

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2019

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.6	4.3	44.3
215	49.6	28.2	68.2

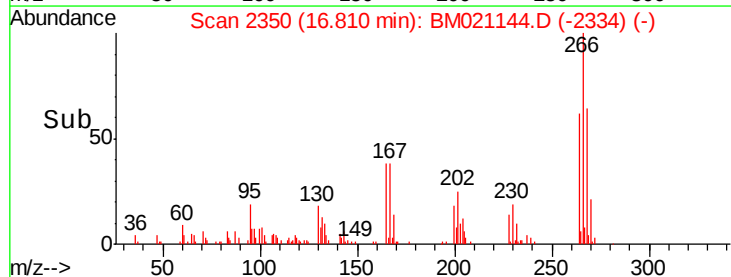
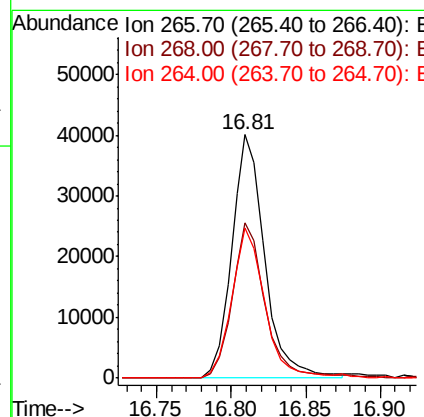
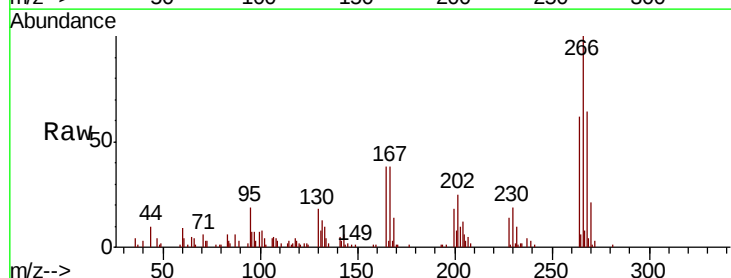
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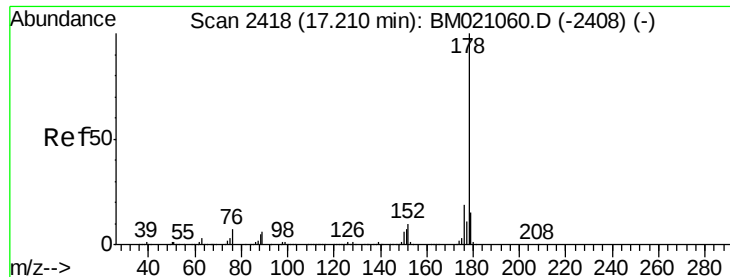
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#70
Pentachlorophenol
Concen: 5.314 ng
RT: 16.81 min Scan# 2350
Delta R.T. -0.01 min
Lab File: BM021144.D
Acq: 24 Jun 2019 12:20

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.6	51.0	76.4
264	61.5	49.9	74.9





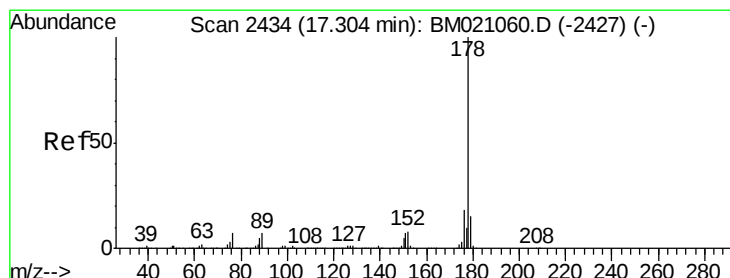
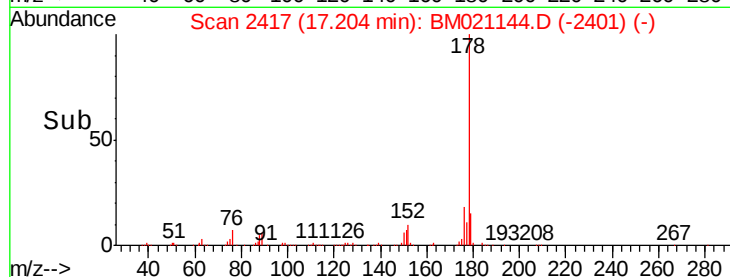
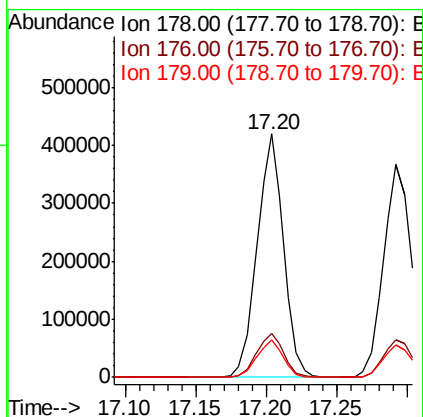
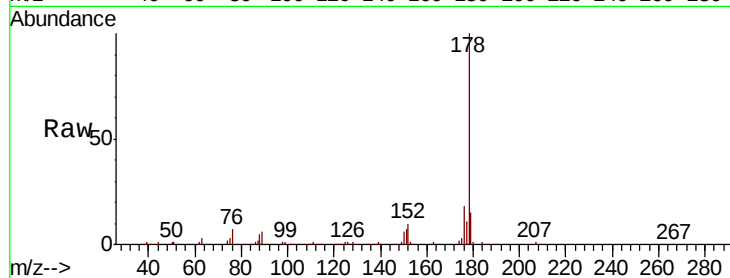
#71
Phenanthrene
Concen: 7.053 ng
RT: 17.20 min Scan# 2417
Delta R.T. -0.01 min
Lab File: BM021144.D
Acq: 24 Jun 2019 12:20

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2019

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.0	15.2	22.8
179	15.2	12.2	18.4

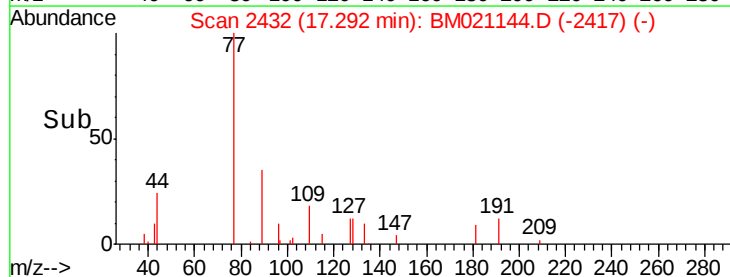
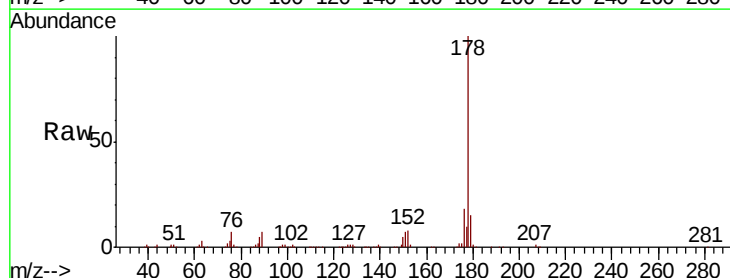
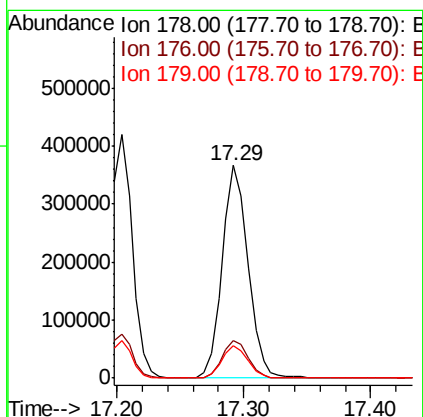
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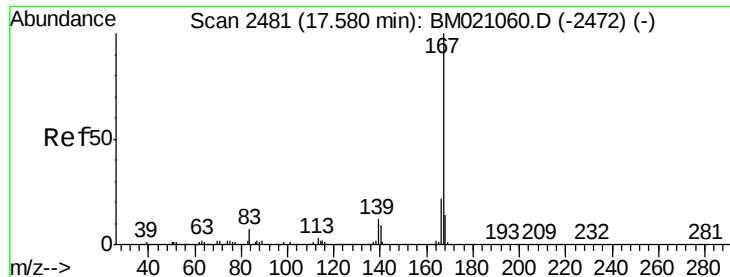
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#72
Anthracene
Concen: 6.681 ng
RT: 17.29 min Scan# 2432
Delta R.T. -0.01 min
Lab File: BM021144.D
Acq: 24 Jun 2019 12:20

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.0	14.7	22.1
179	15.4	12.2	18.2





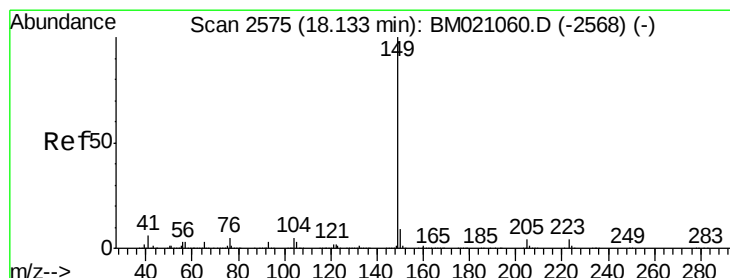
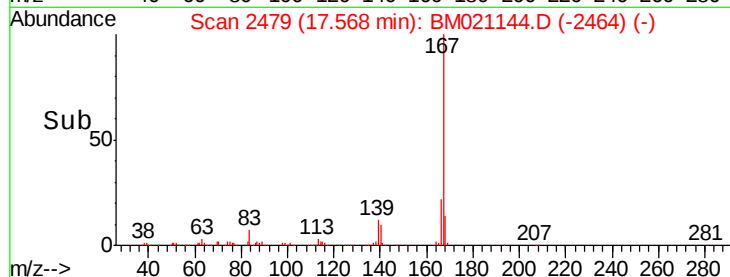
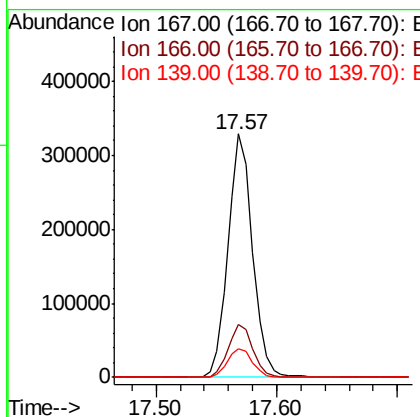
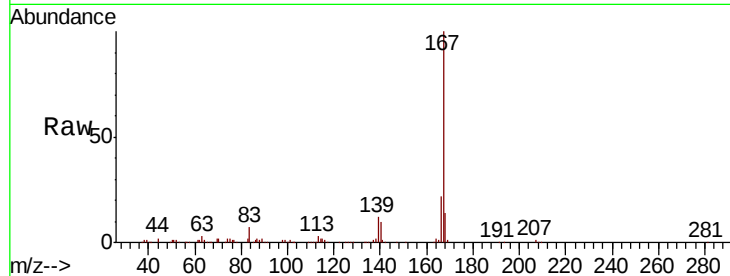
#73
 Carbazole
 Concen: 6.792 ng
 RT: 17.57 min Scan# 2479
 Delta R.T. -0.01 min
 Lab File: BM021144.D
 Acq: 24 Jun 2019 12:20

Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2019

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.4	26.2
139	12.0	9.7	14.5

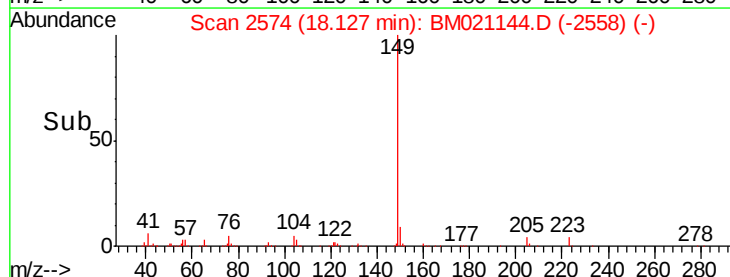
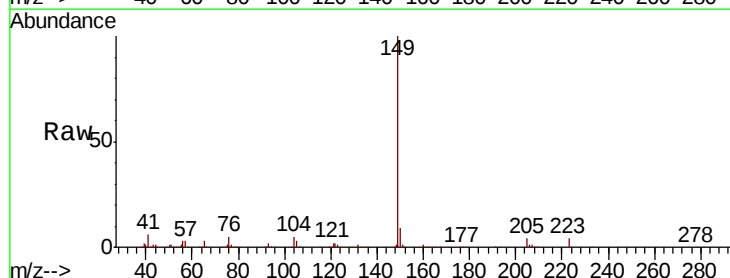
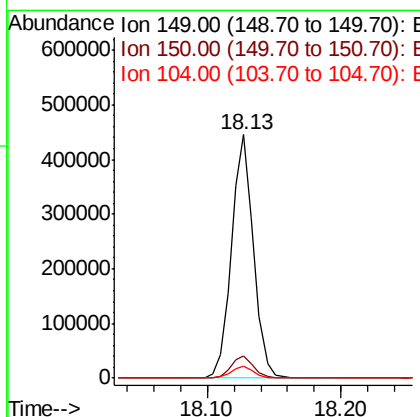
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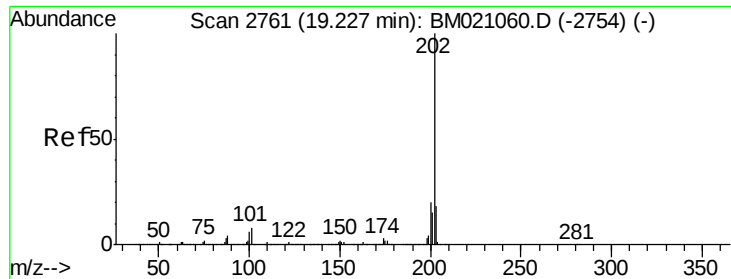
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#74
 Di-n-butylphthalate
 Concen: 6.110 ng
 RT: 18.13 min Scan# 2574
 Delta R.T. -0.01 min
 Lab File: BM021144.D
 Acq: 24 Jun 2019 12:20

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.4	11.0
104	4.9	3.8	5.8





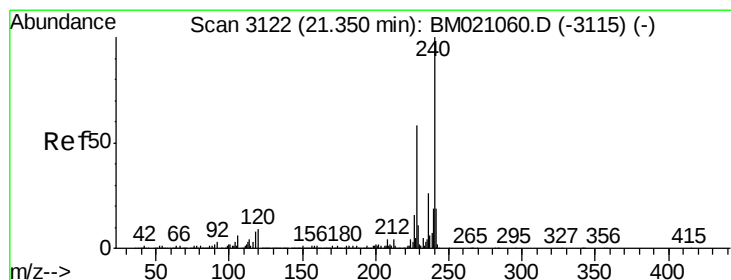
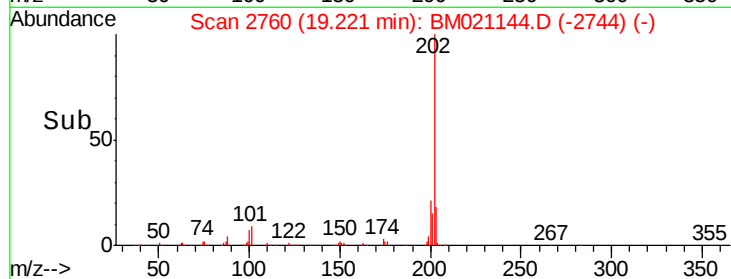
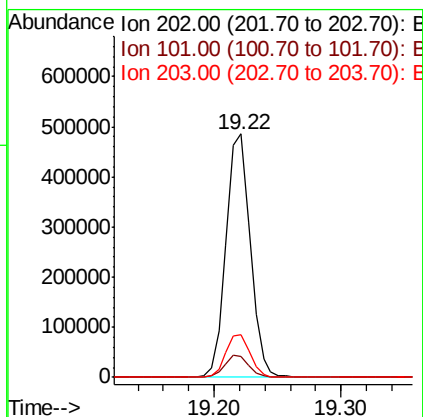
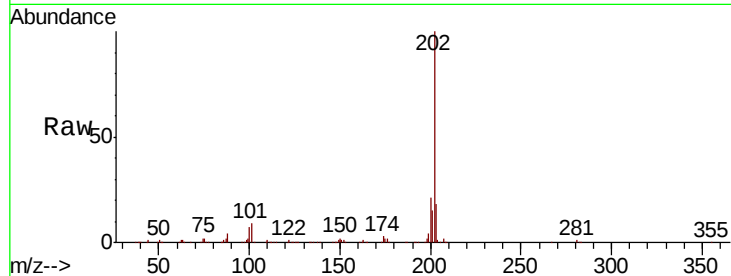
#75
Fluoranthene
Concen: 7.141 ng
RT: 19.22 min Scan# 2760
Delta R.T. -0.01 min
Lab File: BM021144.D
Acq: 24 Jun 2019 12:20

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2019

Tot Ion	Ratio	Resp	Lower	Upper
202	100	644745		
101	8.5	0.0	28.2	
203	17.7	0.0	37.6	

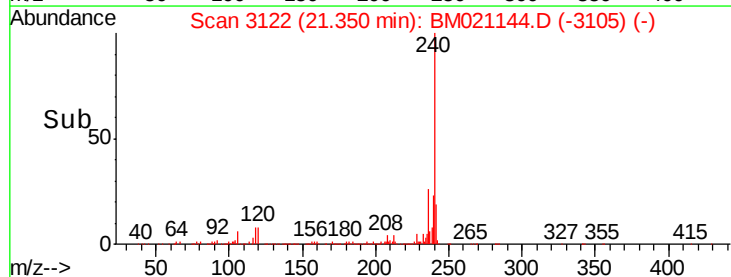
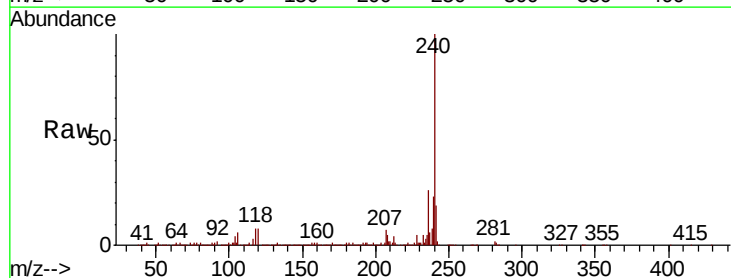
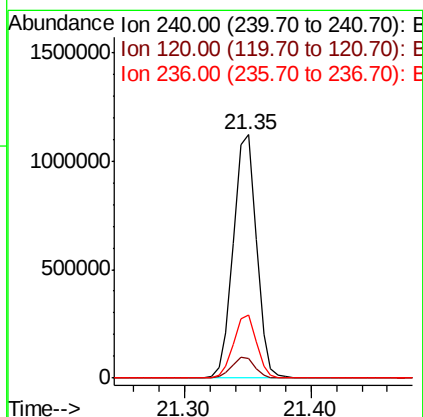
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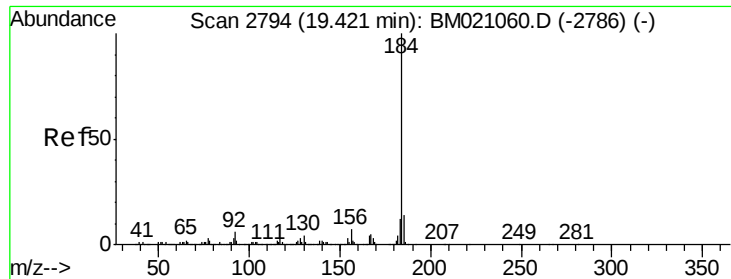
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.35 min Scan# 3122
Delta R.T. -0.00 min
Lab File: BM021144.D
Acq: 24 Jun 2019 12:20

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	1412174		
120	8.2	6.9	10.3	
236	25.8	20.4	30.6	





#77

Benzidine

Concen: 3.282 ng

RT: 19.42 min Scan# 2793

Delta R.T. -0.01 min

Lab File: BM021144.D

Acq: 24 Jun 2019 12:20

Instrument :

BNA_M

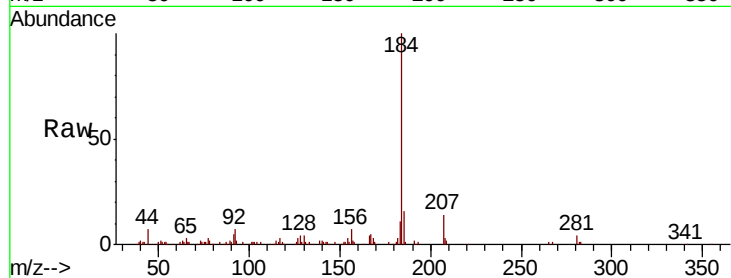
ClientSampleId :

LOD-MDL-SOIL-01-QT2-2019

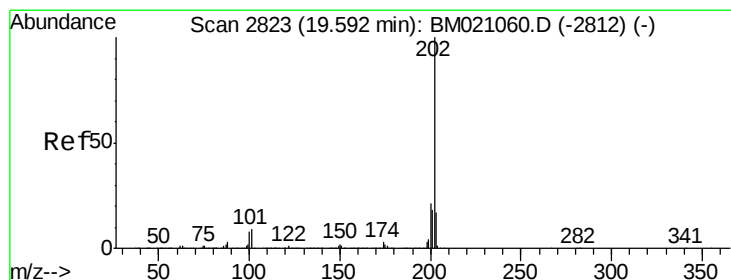
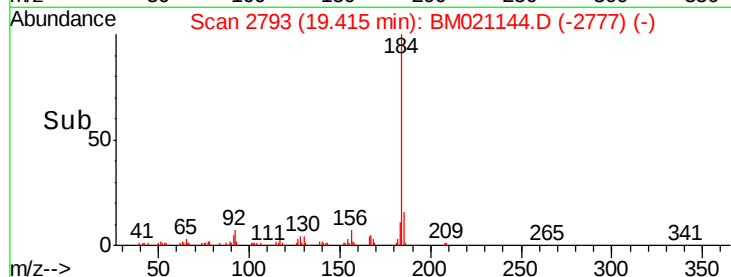
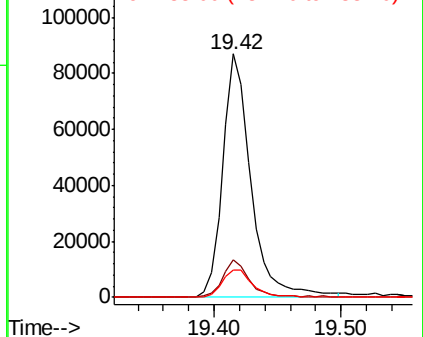
Tot Ion:	184	Resp:	134571
Ion Ratio	Lower	Upper	
184	100		
185	15.7	11.4	17.2
183	11.0	9.6	14.4

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



#78

Pyrene

Concen: 6.669 ng

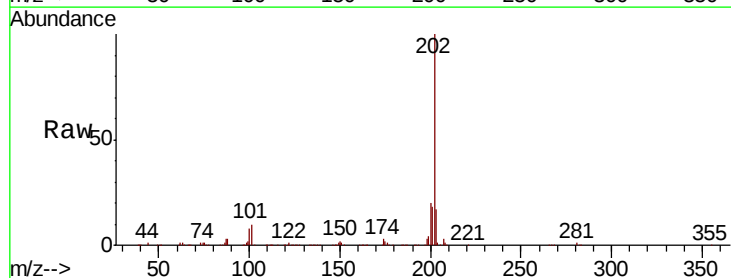
RT: 19.59 min Scan# 2822

Delta R.T. -0.01 min

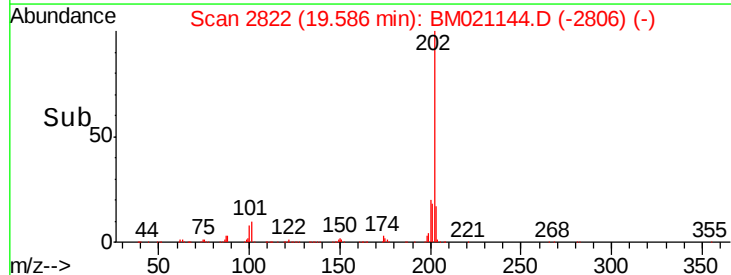
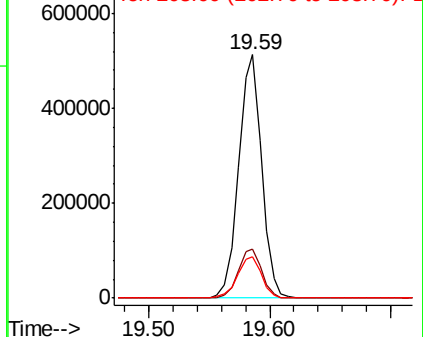
Lab File: BM021144.D

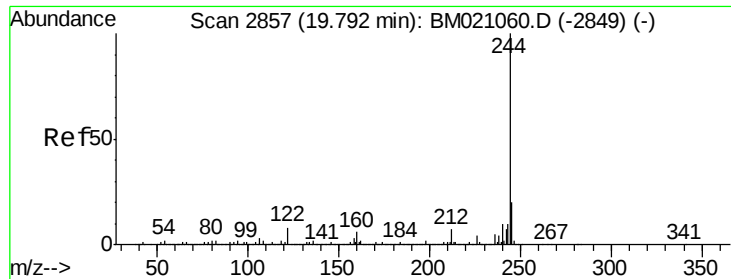
Acq: 24 Jun 2019 12:20

Tgt Ion:	202	Resp:	683046
Ion Ratio	Lower	Upper	
202	100		
200	20.2	17.0	25.4
203	17.2	14.0	21.0



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





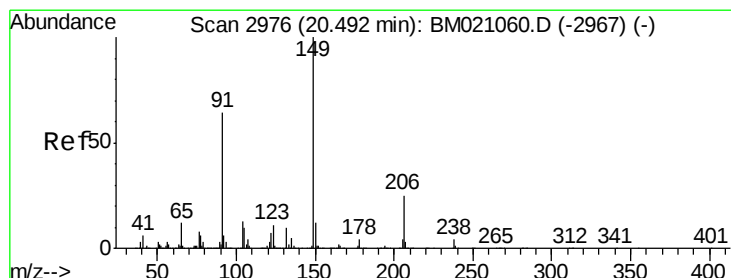
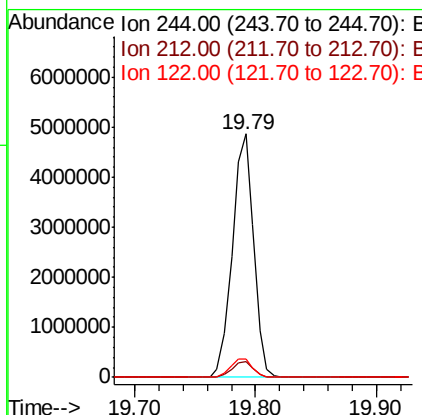
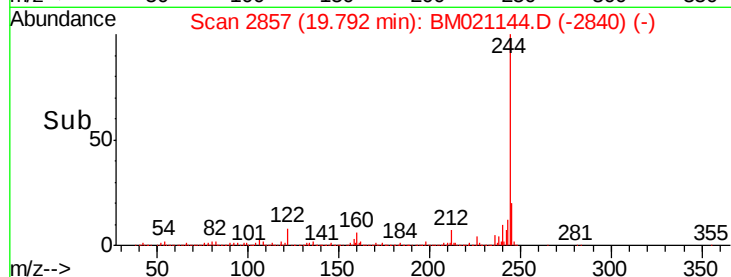
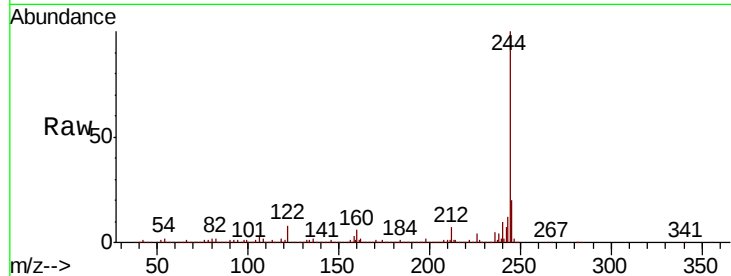
#79
 Terphenyl-d14
 Concen: 78.753 ng
 RT: 19.79 min Scan# 2857
 Delta R.T. -0.00 min
 Lab File: BM021144.D
 Acq: 24 Jun 2019 12:20

Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2019

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.3	7.9
122	7.7	6.6	9.8

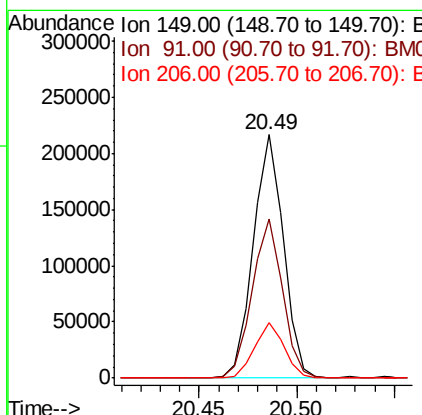
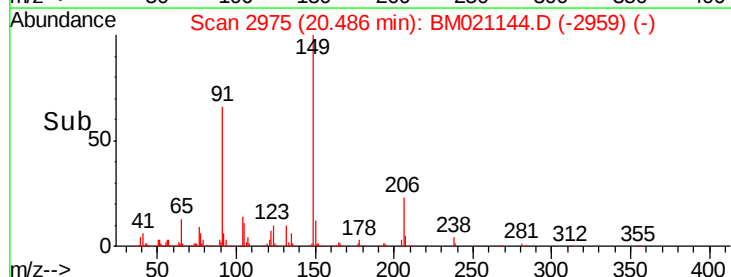
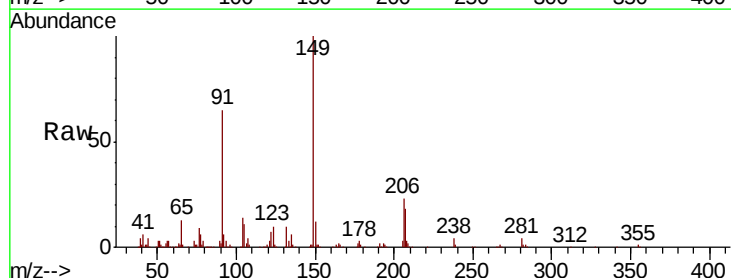
Manual Integrations
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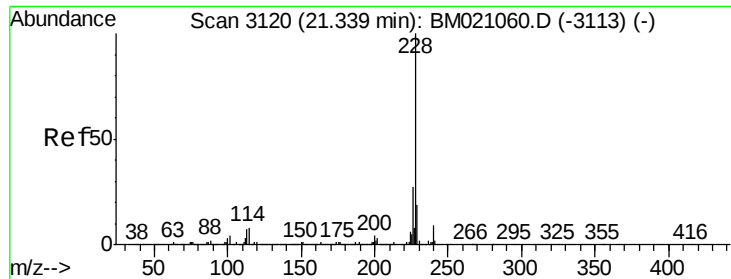
mohammad
 6/28/2019 8:25:54 AM



#80
 Butylbenzylphthalate
 Concen: 5.672 ng
 RT: 20.49 min Scan# 2975
 Delta R.T. -0.01 min
 Lab File: BM021144.D
 Acq: 24 Jun 2019 12:20

Tgt Ion	Ratio	Lower	Upper
149	100		
91	65.5	50.9	76.3
206	22.6	19.7	29.5





#81

Benzo(a)anthracene

Concen: 7.028 ng

RT: 21.33 min Scan# 3119

Delta R.T. -0.01 min

Lab File: BM021144.D

Acq: 24 Jun 2019 12:20

Instrument :

BNA_M

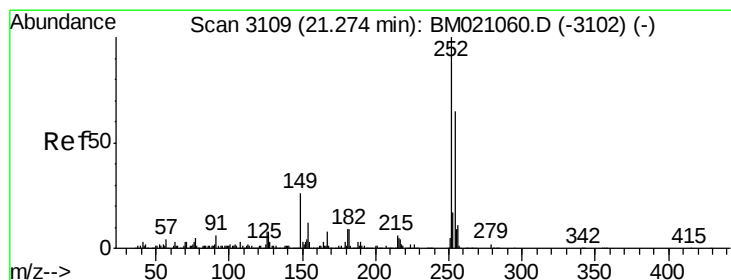
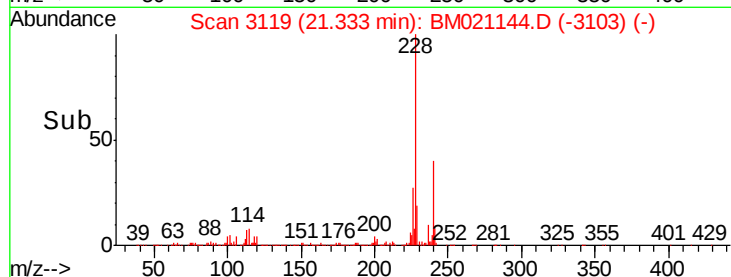
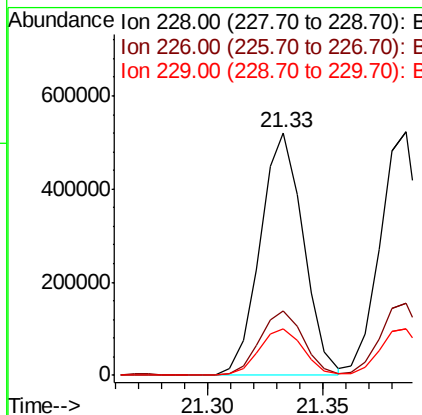
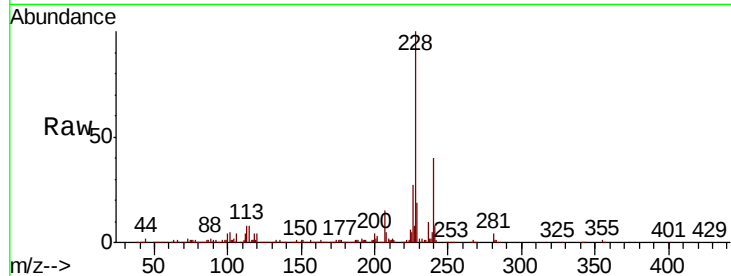
ClientSampleId :

LOD-MDL-SOIL-01-QT2-2019

Tot Ion:	228	Resp:	676565
Ion Ratio		Lower	Upper
228	100		
226	26.6	21.6	32.4
229	19.0	15.5	23.3

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#82

3,3'-Dichlorobenzidine

Concen: 5.495 ng

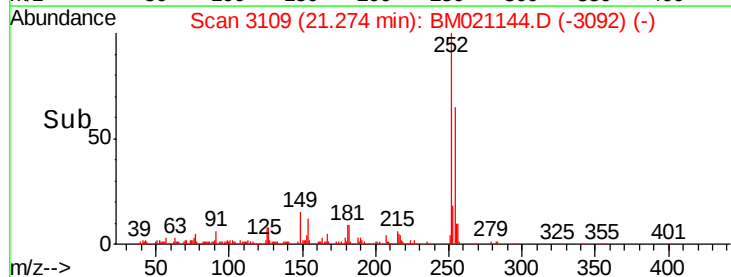
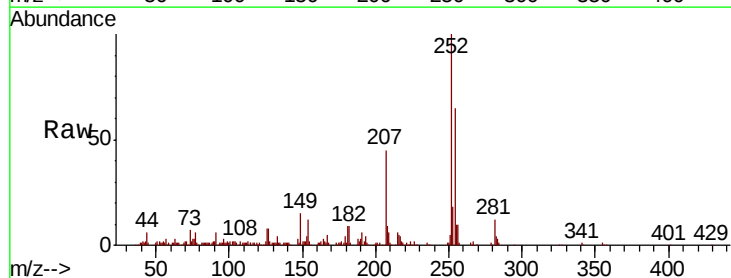
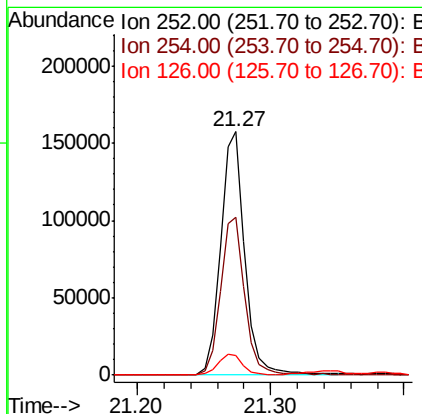
RT: 21.27 min Scan# 3109

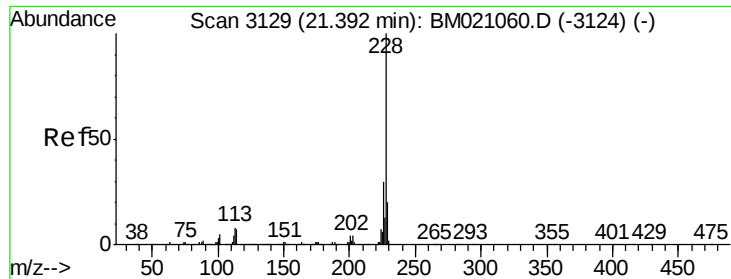
Delta R.T. -0.00 min

Lab File: BM021144.D

Acq: 24 Jun 2019 12:20

Tgt Ion:	252	Resp:	200372
Ion Ratio		Lower	Upper
252	100		
254	64.9	51.7	77.5
126	8.0	6.6	9.8





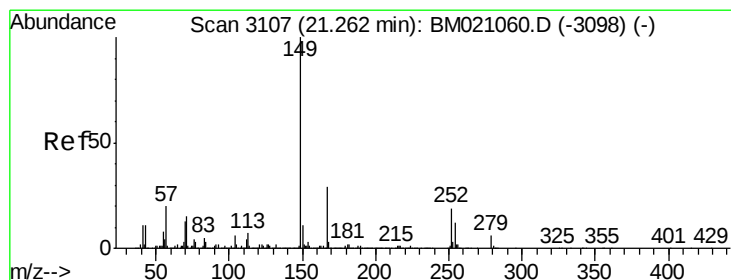
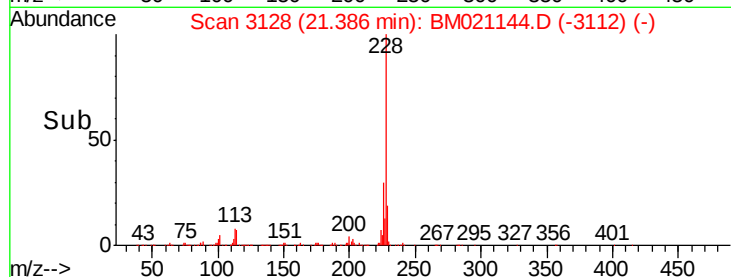
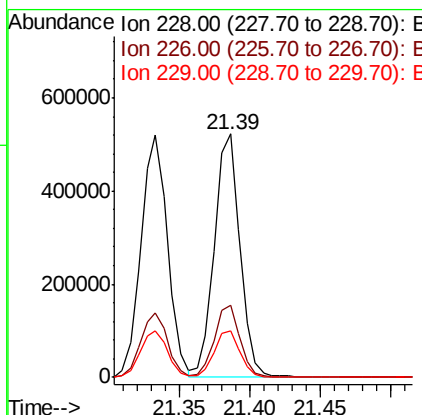
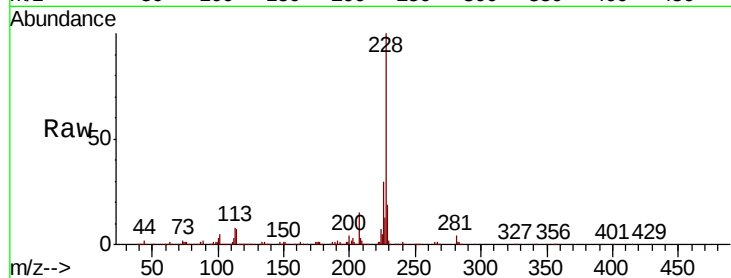
#83
Chrysene
Concen: 7.148 ng
RT: 21.39 min Scan# 3128
Delta R.T. -0.01 min
Lab File: BM021144.D
Acq: 24 Jun 2019 12:20

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2019

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.6	24.1	36.1
229	19.1	15.6	23.4

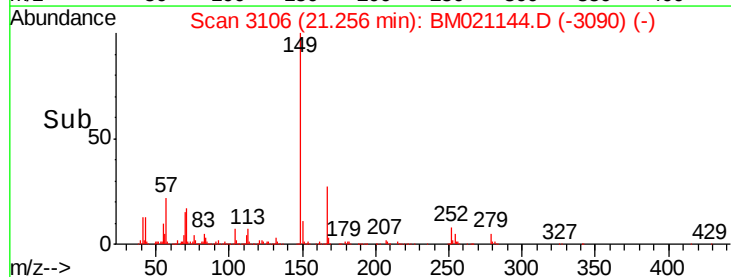
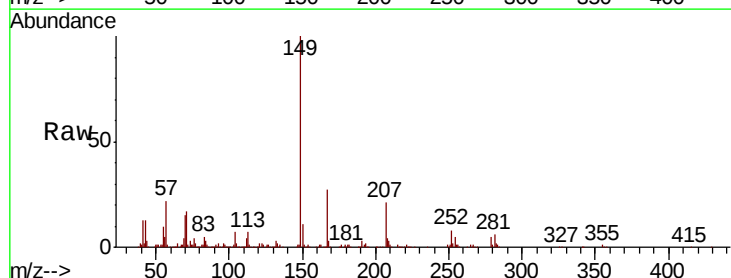
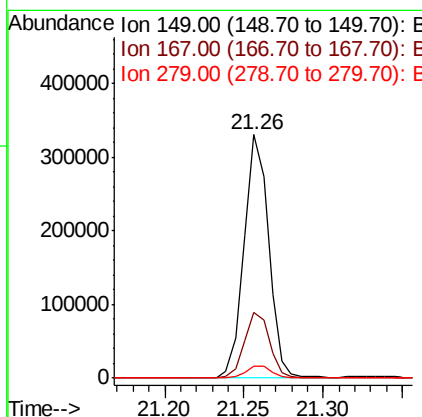
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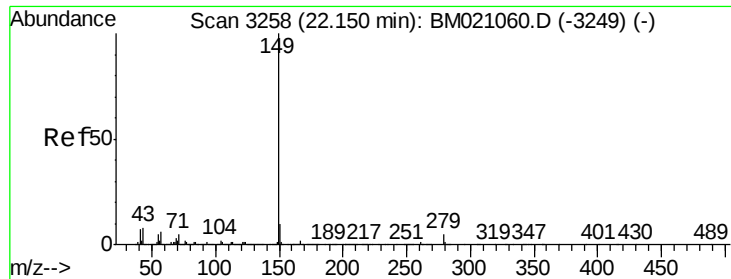
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#84
Bis(2-ethylhexyl)phthalate
Concen: 6.094 ng
RT: 21.26 min Scan# 3106
Delta R.T. -0.01 min
Lab File: BM021144.D
Acq: 24 Jun 2019 12:20

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.2	23.0	34.4
279	4.9	4.6	7.0





#85

Di-n-octyl phthalate

Concen: 6.390 ng

RT: 22.15 min Scan# 3258

Delta R.T. -0.00 min

Lab File: BM021144.D

Acq: 24 Jun 2019 12:20

Instrument :

BNA_M

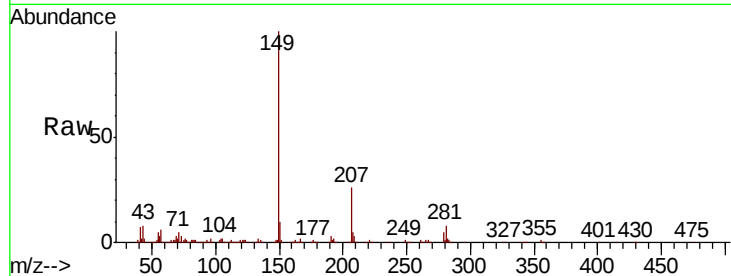
ClientSampleId :

LOD-MDL-SOIL-01-QT2-2019

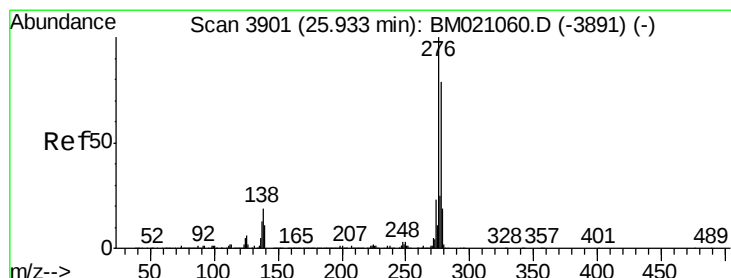
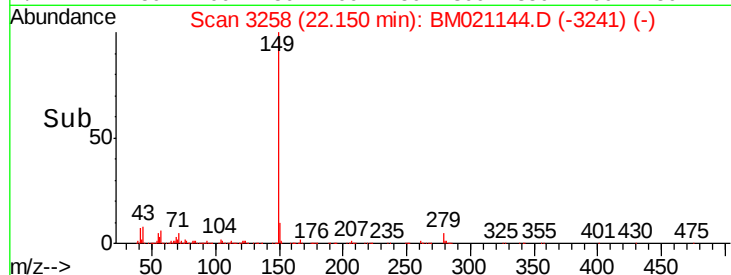
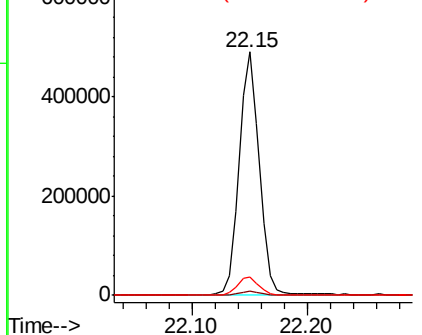
Tot Ion:	149	Resp:	583859
Ion Ratio		Lower	Upper
149	100		
167	1.8	1.3	1.9
43	8.0	6.2	9.2

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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

Indeno(1,2,3-cd)pyrene

Concen: 5.914 ng

RT: 25.91 min Scan# 3898

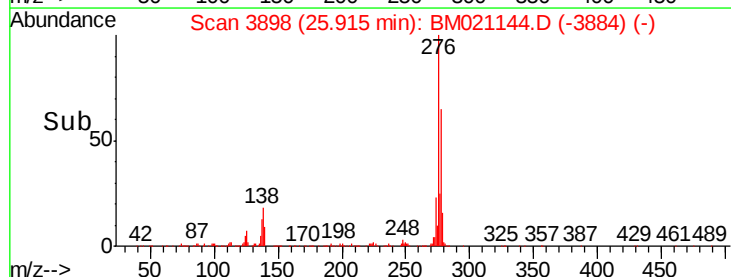
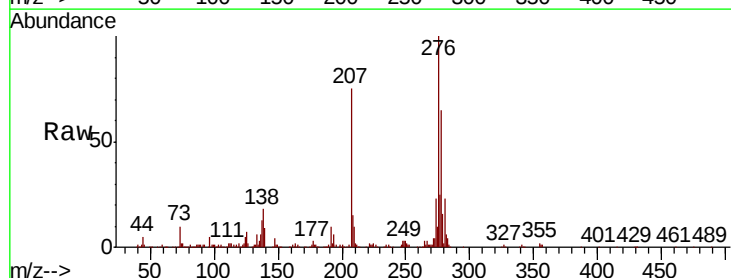
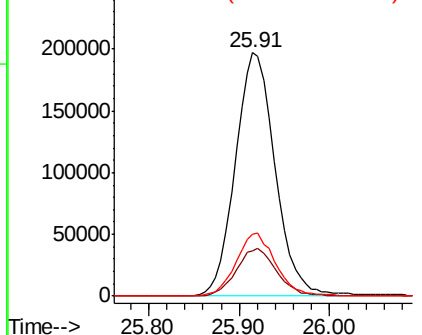
Delta R.T. -0.02 min

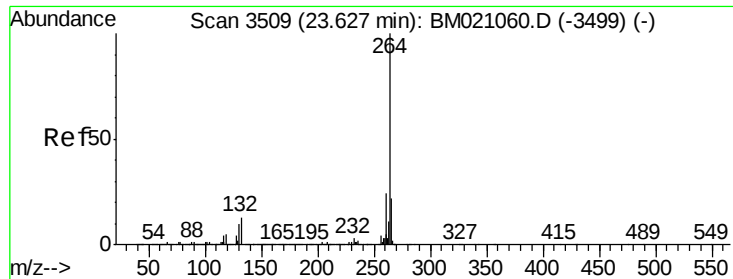
Lab File: BM021144.D

Acq: 24 Jun 2019 12:20

Tgt Ion:	276	Resp:	600075
Ion Ratio		Lower	Upper
276	100		
138	19.8	15.4	23.0
277	25.6	20.4	30.6

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





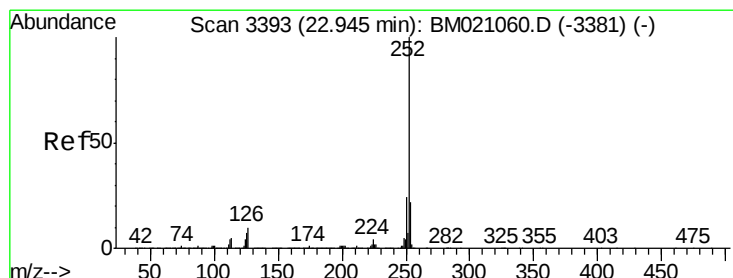
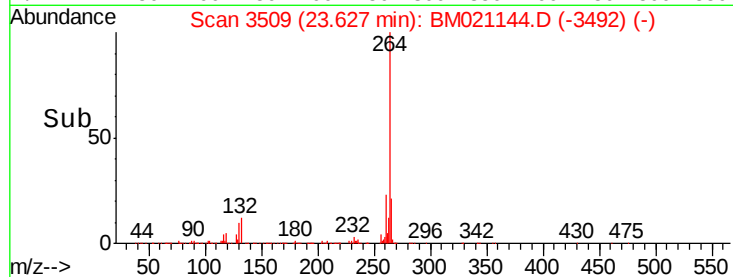
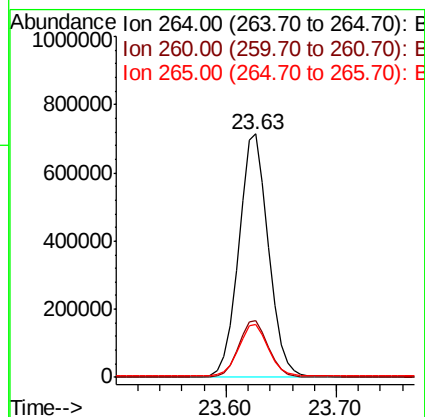
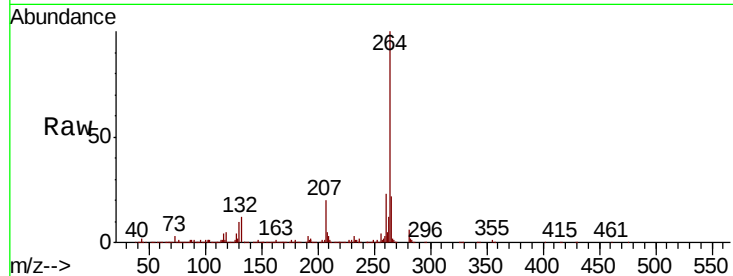
#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.63 min Scan# 3509
Delta R.T. -0.00 min
Lab File: BM021144.D
Acq: 24 Jun 2019 12:20

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2019

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.0	28.4
265	22.0	17.7	26.5

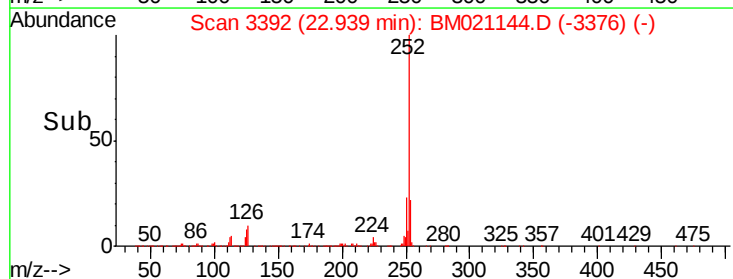
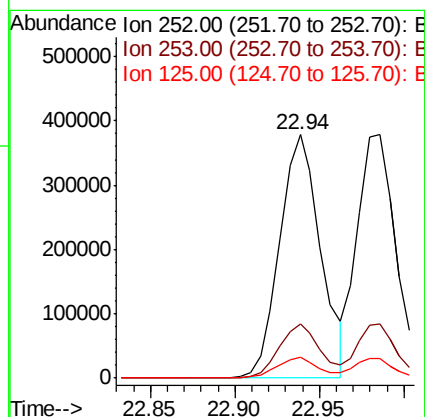
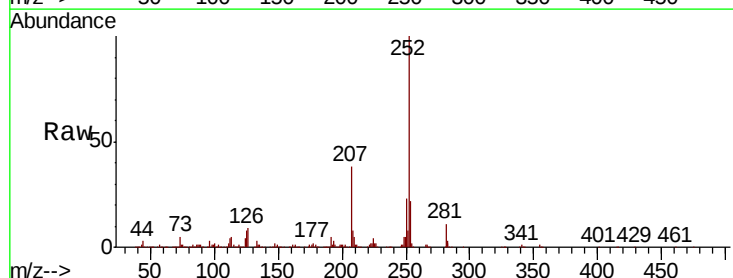
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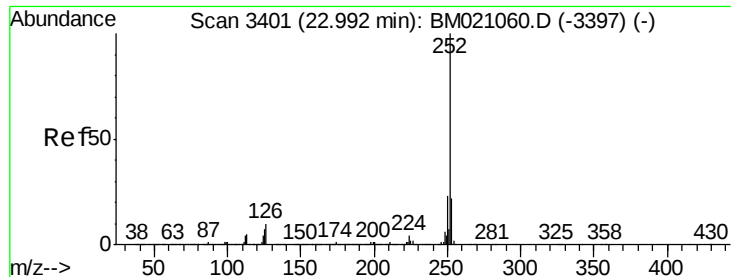
mohammad
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#88
Benzo(b)fluoranthene
Concen: 6.960 ng
RT: 22.94 min Scan# 3392
Delta R.T. -0.01 min
Lab File: BM021144.D
Acq: 24 Jun 2019 12:20

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.4	26.0
125	8.4	5.9	8.9





#89

Benzo(k)fluoranthene

Concen: 6.825 ng

RT: 22.99 min Scan# 3400

Delta R.T. -0.01 min

Lab File: BM021144.D

Acq: 24 Jun 2019 12:20

Instrument :

BNA_M

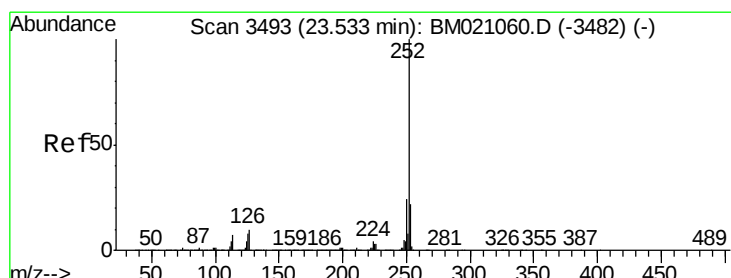
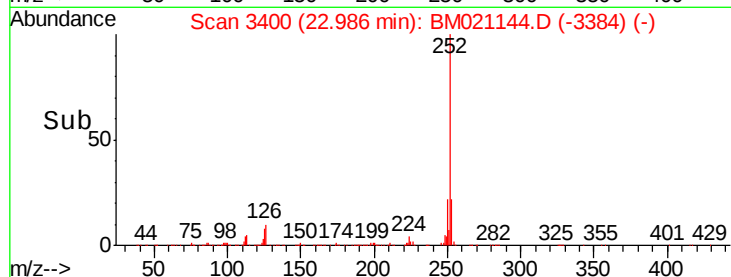
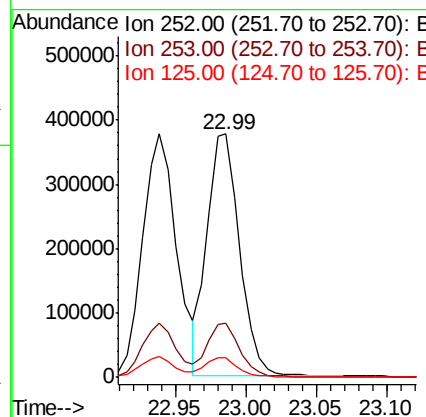
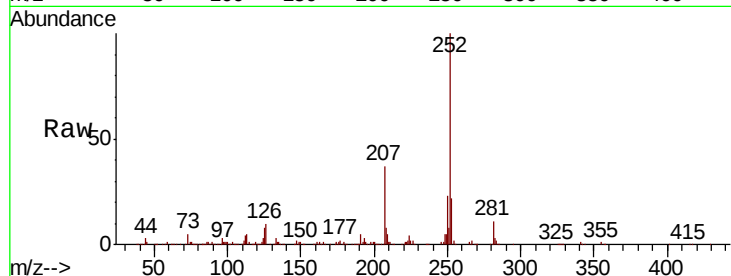
ClientSampleId :

LOD-MDL-SOIL-01-QT2-2019

Tot Ion:	252	Resp:	602889
Ion Ratio	Lower	Upper	
252	100		
253	22.0	17.5	26.3
125	7.8	5.9	8.9

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#90

Benzo(a)pyrene

Concen: 6.840 ng

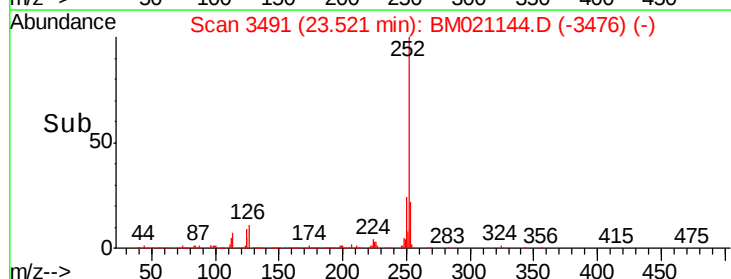
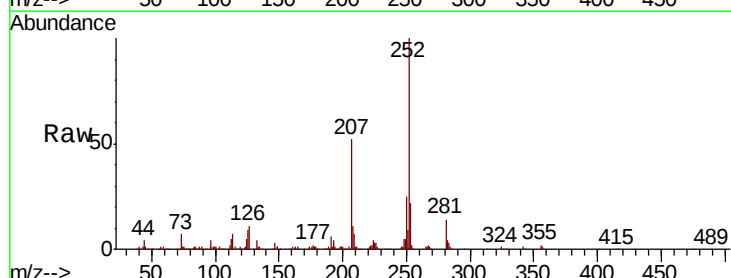
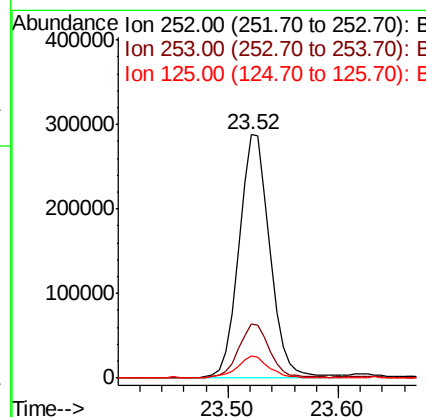
RT: 23.52 min Scan# 3491

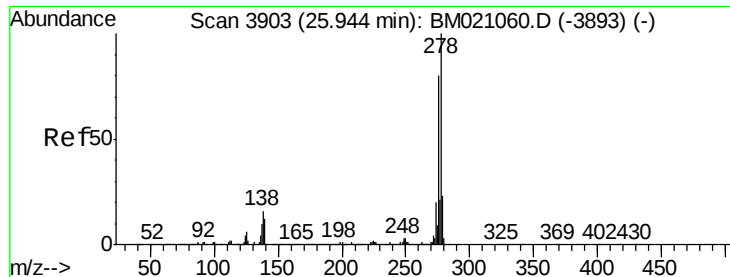
Delta R.T. -0.01 min

Lab File: BM021144.D

Acq: 24 Jun 2019 12:20

Tgt Ion:	252	Resp:	564018
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.5	26.3
125	9.3	6.6	10.0





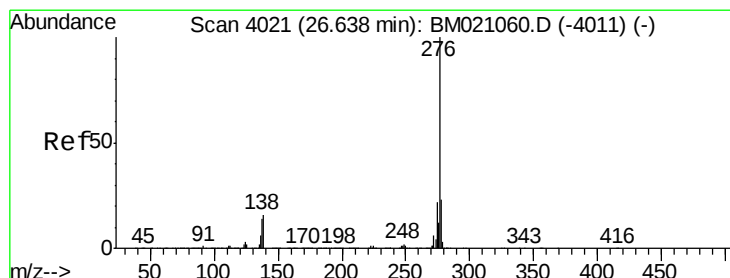
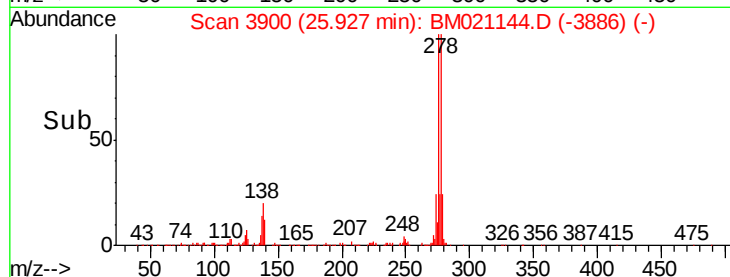
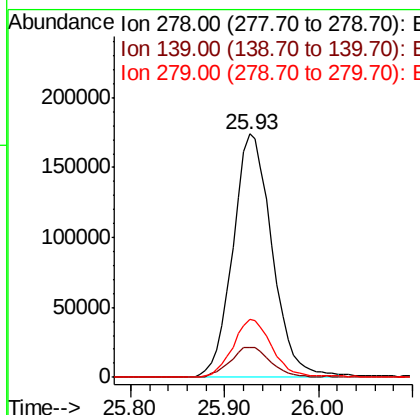
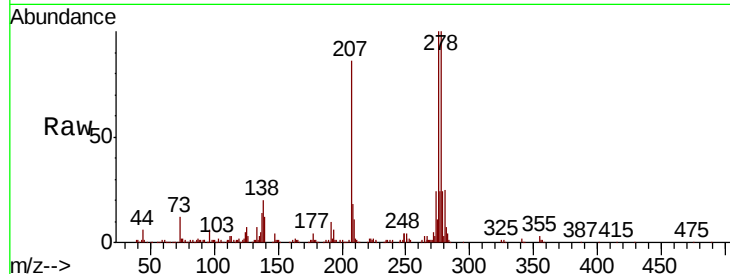
#91
Dibenzo(a,h)anthracene
Concen: 6.127 ng
RT: 25.93 min Scan# 3900
Delta R.T. -0.02 min
Lab File: BM021144.D
Acq: 24 Jun 2019 12:20

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2019

Tot Ion	Ratio	Lower	Upper
278	100		
139	12.1	9.8	14.8
279	23.6	18.7	28.1

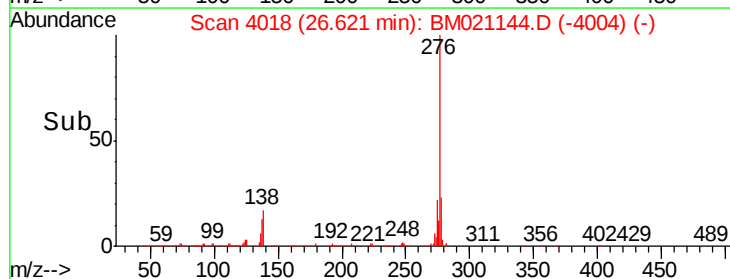
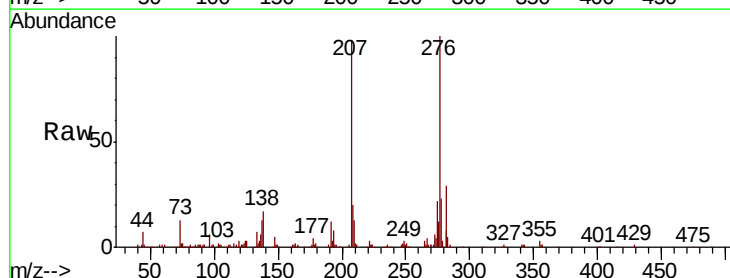
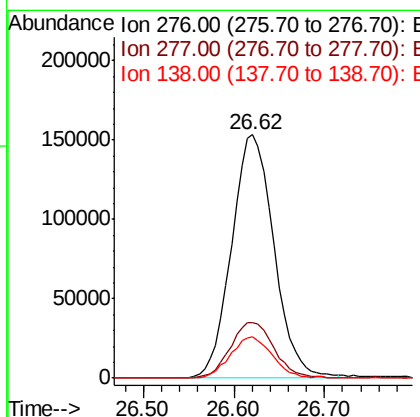
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#92
Benzo(g,h,i)perylene
Concen: 6.432 ng
RT: 26.62 min Scan# 4018
Delta R.T. -0.02 min
Lab File: BM021144.D
Acq: 24 Jun 2019 12:20

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.9	18.8	28.2
138	17.1	13.1	19.7



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062419\
 Data File : BM021144.D
 Acq On : 24 Jun 2019 12:20
 Operator : HP/JU
 Sample : K2241-01
 Misc : LOD-SOIL-8PPM
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2019

Manual Integrations
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Quant Time: Jun 25 04:45:26 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM062019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 20 15:39:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	249107	20.00	ng	0.00
21) Naphthalene-d8	10.56	136	822413	20.00	ng	0.00
39) Acenaphthene-d10	14.41	164	532744	20.00	ng	-0.01
64) Phenanthrene-d10	17.16	188	1356679	20.00	ng	0.00
76) Chrysene-d12	21.35	240	1412174	20.00	ng	0.00
87) Perylene-d12	23.63	264	1354649	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.36	112	1523701	110.76	ng	0.00
7) Phenol-d6	6.95	99	1968038	98.23	ng	0.00
23) Nitrobenzene-d5	8.93	82	1108607	70.25	ng	-0.01
42) 2,4,6-Tribromophenol	15.91	330	1176955	117.73	ng	0.00
45) 2-Fluorobiphenyl	13.03	172	3070181	70.83	ng	0.00
79) Terphenyl-d14	19.79	244	5954453	78.75	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.32	88	38299	7.389	ng	95
3) Pyridine	3.73	79	95976	6.439	ng	99
4) n-Nitrosodimethylamine	3.64	42	36919	6.433	ng	# 90
6) Aniline	7.11	93	141403	5.299	ng	99
8) 2-Chlorophenol	7.34	128	109937	6.493	ng	96
9) Benzaldehyde	6.93	77	91376	4.385	ng	100
10) Phenol	6.97	94	131147	6.408	ng	95
11) bis(2-Chloroethyl)ether	7.21	93	86180	5.318	ng	99
12) 1,3-Dichlorobenzene	7.66	146	133507	6.508	ng	99
13) 1,4-Dichlorobenzene	7.81	146	135617	6.503	ng	98
14) 1,2-Dichlorobenzene	8.12	146	130006	6.361	ng	99
15) Benzyl Alcohol	8.02	79	79726	4.915	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.30	45	105473	5.032	ng	99
17) 2-Methylphenol	8.21	107	75821	5.186	ng	100
18) Hexachloroethane	8.84	117	46334	6.188	ng	92
19) n-Nitroso-di-n-propylamine	8.57	70	68440	4.694	ng	97
20) 3+4-Methylphenols	8.54	107	103032	5.120	ng	97
22) Acetophenone	8.60	105	145623	6.948	ng	# 97
24) Nitrobenzene	8.97	77	115174	7.368	ng	98
25) Isophorone	9.50	82	187238	6.341	ng	98
26) 2-Nitrophenol	9.69	139	45643	5.963	ng	97
27) 2,4-Dimethylphenol	9.74	122	58249	5.218	ng	99
28) bis(2-Chloroethoxy)methane	9.98	93	116037	6.324	ng	98
29) 2,4-Dichlorophenol	10.21	162	94496	6.540	ng	99
30) 1,2,4-Trichlorobenzene	10.42	180	119132	6.995	ng	99
31) Naphthalene	10.61	128	310334	7.130	ng	99
32) Benzoic acid	9.82	122	44174m	4.891	ng	
33) 4-Chloroaniline	10.73	127	121590	6.154	ng	98
34) Hexachlorobutadiene	10.88	225	71519	6.651	ng	99
35) Caprolactam	11.53	113	24778	5.483	ng	94
36) 4-Chloro-3-methylphenol	11.85	107	94763	6.445	ng	98
37) 2-Methylnaphthalene	12.22	142	233125	6.962	ng	99
38) 1-Methylnaphthalene	12.45	142	222571	6.968	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.59	216	135641	6.727	ng	100

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062419\
 Data File : BM021144.D
 Acq On : 24 Jun 2019 12:20
 Operator : HP/JU
 Sample : K2241-01
 Misc : LOD-SOIL-8PPM
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2019

Manual Integrations
 APPROVED

mohammad
 6/28/2019 8:25:54 AM

Quant Time: Jun 25 04:45:26 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM062019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 20 15:39:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.56	237	47798	4.089	nq	96
43) 2,4,6-Trichlorophenol	12.84	196	80010	5.996	nq	95
44) 2,4,5-Trichlorophenol	12.91	196	88309	6.391	nq	98
46) 1,1'-Biphenyl	13.24	154	317018	6.953	nq	99
47) 2-Chloronaphthalene	13.29	162	252571	6.820	nq	98
48) 2-Nitroaniline	13.50	65	53570	5.288	nq	98
49) Acenaphthylene	14.13	152	383918	6.812	nq	99
50) Dimethylphthalate	13.87	163	316648	6.685	nq	99
51) 2,6-Dinitrotoluene	14.00	165	63546	6.236	nq	96
52) Acenaphthene	14.47	154	230561	6.781	nq	97
53) 3-Nitroaniline	14.33	138	57527	5.538	nq	98
54) 2,4-Dinitrophenol	14.54	184	17652	3.225	nq	91
55) Dibenzofuran	14.81	168	401240	7.234	nq	98
56) 4-Nitrophenol	14.65	139	36277	4.567	nq	88
57) 2,4-Dinitrotoluene	14.79	165	82046	5.831	nq	# 93
58) Fluorene	15.46	166	318615	7.030	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.04	232	85789	6.498	nq	97
60) Diethylphthalate	15.24	149	311308	6.673	nq	98
61) 4-Chlorophenyl-phenylether	15.46	204	171782	6.709	nq	93
62) 4-Nitroaniline	15.50	138	56938	5.222	nq	93
63) Azobenzene	15.75	77	263973	6.898	nq	98
65) 4,6-Dinitro-2-methylphenol	15.55	198	34761	4.156	nq	97
66) n-Nitrosodiphenylamine	15.67	169	274890	6.428	nq	100
67) 4-Bromophenyl-phenylether	16.36	248	111644	6.182	nq	96
68) Hexachlorobenzene	16.46	284	136410	6.322	nq	96
69) Atrazine	16.63	200	92108	6.624	nq	98
70) Pentachlorophenol	16.81	266	61771	5.314	nq	99
71) Phenanthrene	17.20	178	551444	7.053	nq	99
72) Anthracene	17.29	178	517488	6.681	nq	99
73) Carbazole	17.57	167	465142	6.792	nq	100
74) Di-n-butylphthalate	18.13	149	512193	6.110	nq	100
75) Fluoranthene	19.22	202	644745	7.141	nq	100
77) Benzidine	19.42	184	134571	3.282	nq	97
78) Pyrene	19.59	202	683046	6.669	nq	99
80) Butylbenzylphthalate	20.49	149	231538	5.672	nq	97
81) Benzo(a)anthracene	21.33	228	676565	7.028	nq	99
82) 3,3'-Dichlorobenzidine	21.27	252	200372	5.495	nq	100
83) Chrysene	21.39	228	655484	7.148	nq	99
84) Bis(2-ethylhexyl)phthalate	21.26	149	354066	6.094	nq	97
85) Di-n-octyl phthalate	22.15	149	583859	6.390	nq	99
86) Indeno(1,2,3-cd)pyrene	25.91	276	600075	5.914	nq	99
88) Benzo(b)fluoranthene	22.94	252	636054	6.960	nq	98
89) Benzo(k)fluoranthene	22.99	252	602889	6.825	nq	99
90) Benzo(a)pyrene	23.52	252	564018	6.840	nq	99
91) Dibenzo(a,h)anthracene	25.93	278	503709	6.127	nq	99
92) Benzo(g,h,i)perylene	26.62	276	493113	6.432	nq	99

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