

#1

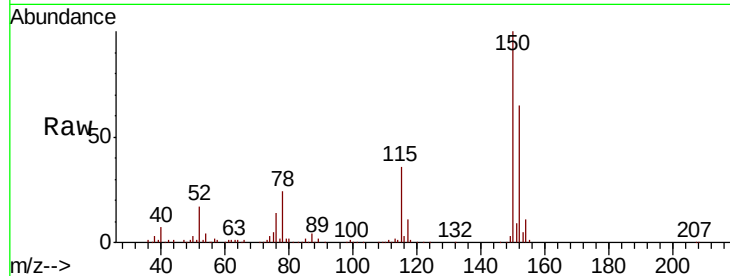
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.77 min Scan# 814
Delta R.T. -0.01 min
Lab File: BM021143.D
Acq: 24 Jun 2019 11:23

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.8	123.1	184.7
115	55.3	44.2	66.4

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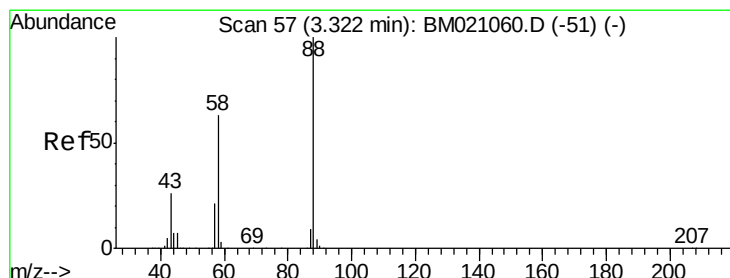
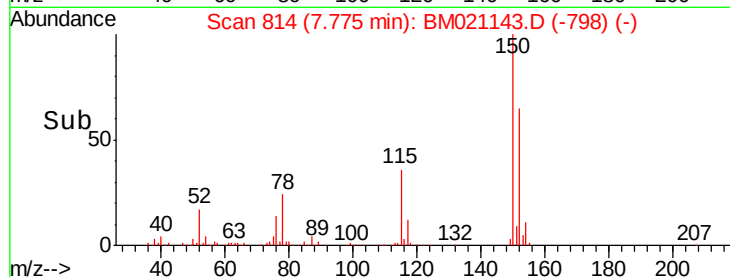
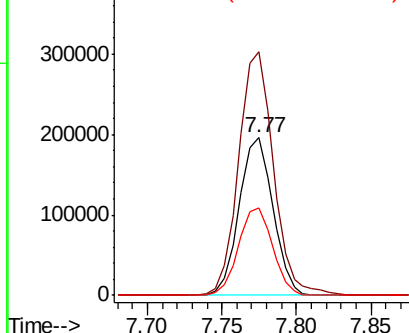


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

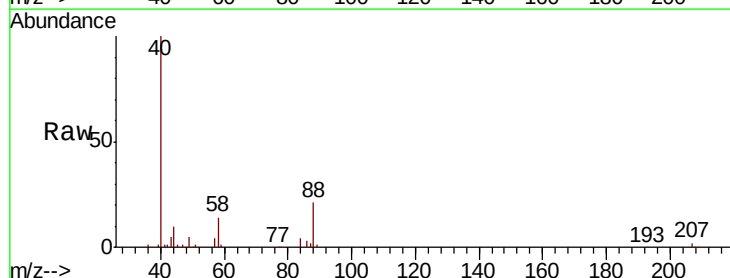
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 4.785 ng
RT: 3.32 min Scan# 57
Delta R.T. -0.00 min
Lab File: BM021143.D
Acq: 24 Jun 2019 11:23

Tgt Ion	Ratio	Lower	Upper
88	100		
58	67.3	51.9	77.9
43	31.4	21.4	32.2

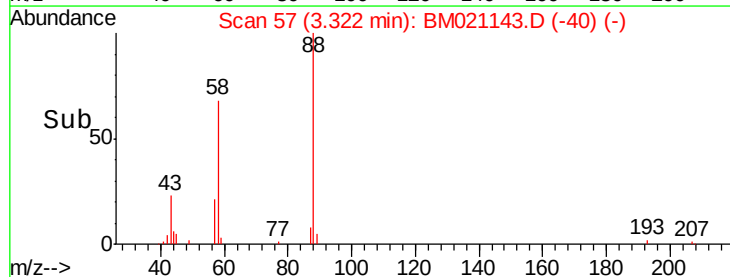
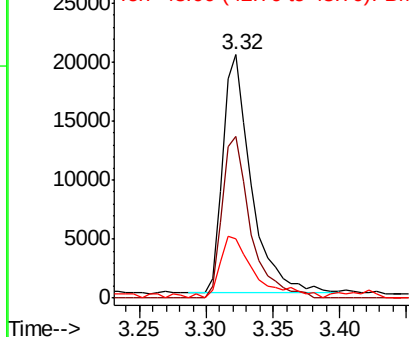


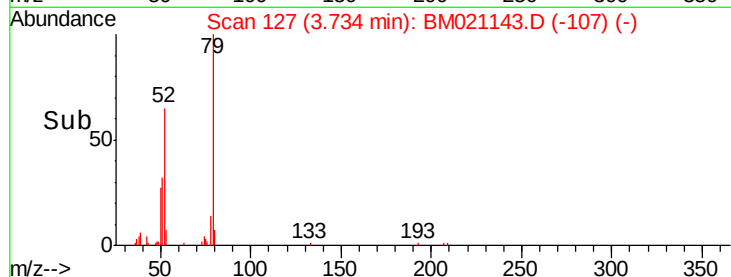
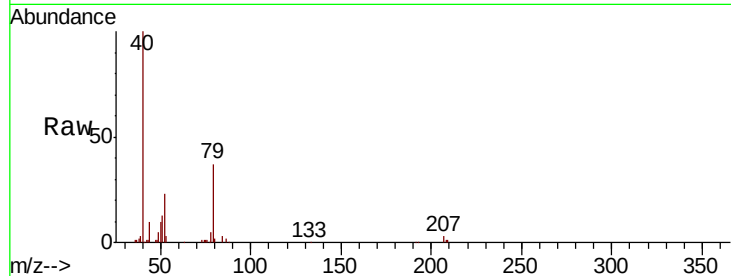
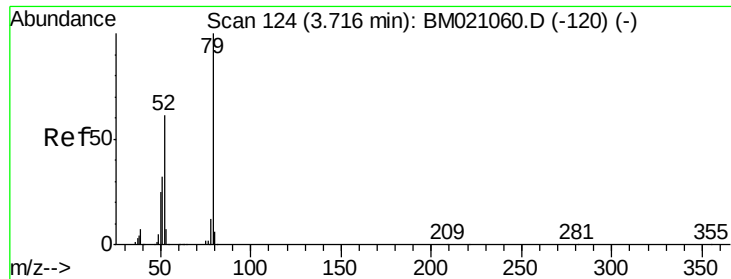
Abundance

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





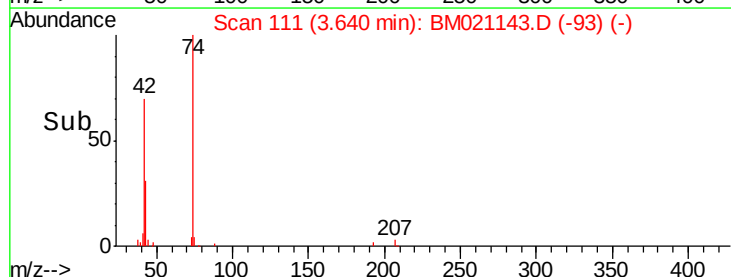
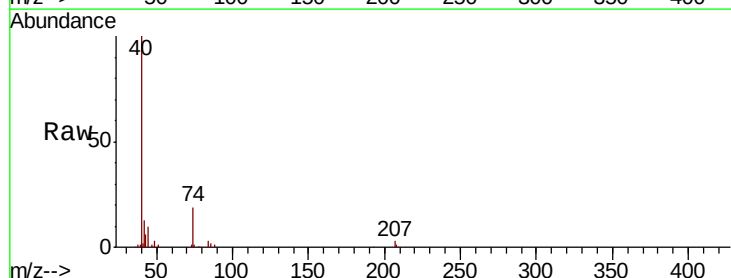
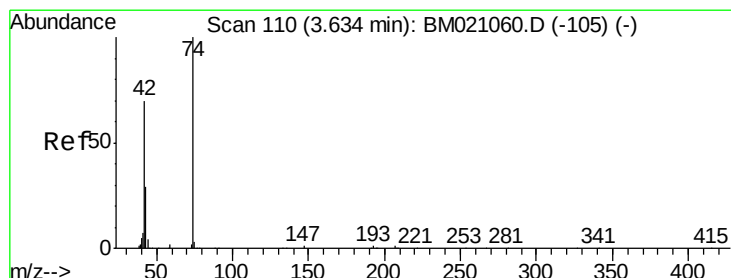
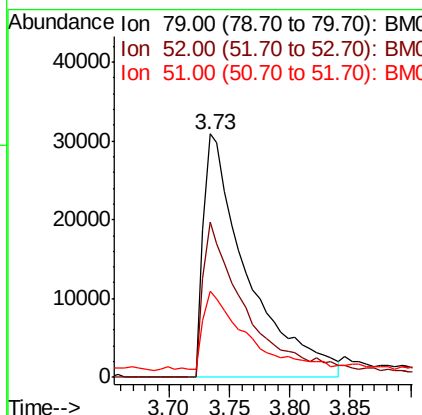
#3
Pvridine
Concen: 4.248 ng
RT: 3.73 min Scan# 127
Delta R.T. 0.02 min
Lab File: BM021143.D
Acq: 24 Jun 2019 11:23

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	79	100	78221		
52	52	63.7		48.8	73.2
51	51	35.6		25.7	38.5

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

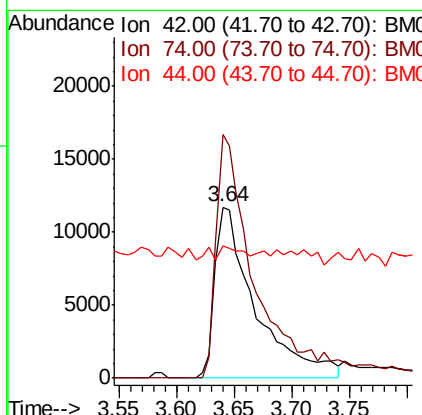
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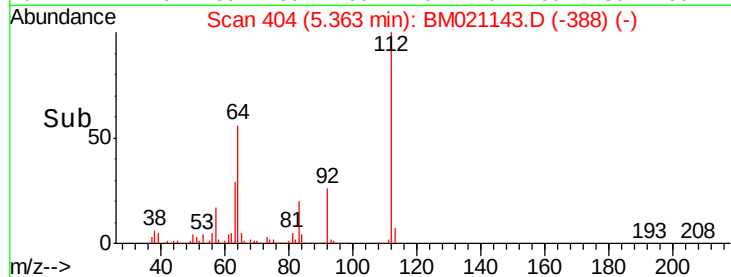
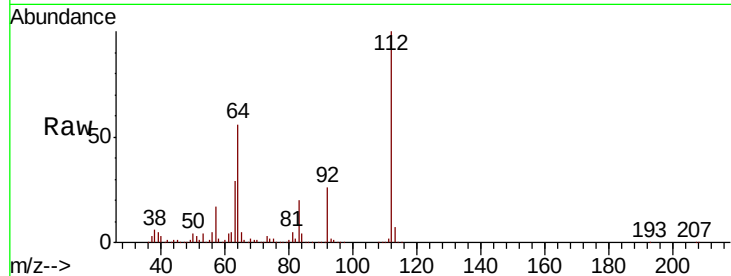
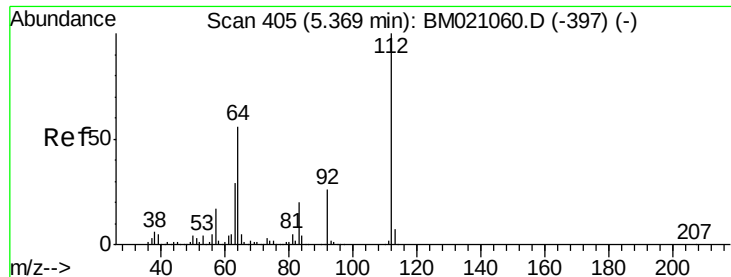
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#4
n-Nitrosodimethylamine
Concen: 4.027 ng
RT: 3.64 min Scan# 111
Delta R.T. 0.01 min
Lab File: BM021143.D
Acq: 24 Jun 2019 11:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	42	100	28554		
74	74	142.3		113.8	170.6
44	44	77.2		8.2	12.2#





#5

2-Fluorophenol

Concen: 133.459 ng

RT: 5.36 min Scan# 404

Delta R.T. -0.01 min

Lab File: BM021143.D

Acq: 24 Jun 2019 11:23

Tot Ion:	112	Resp:	2268222
Ion	Ratio	Lower	Upper
112	100		
64	55.8	45.2	67.8
63	29.3	23.5	35.3

Instrument :

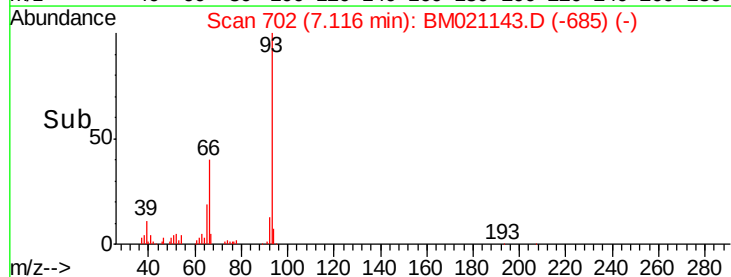
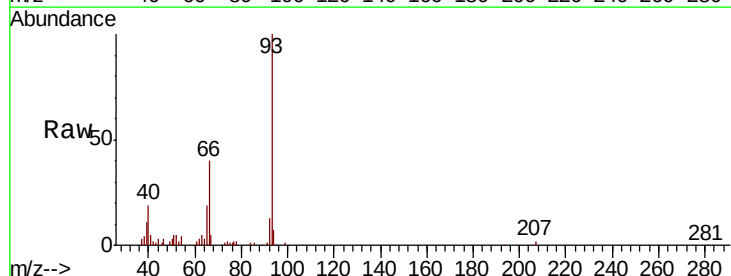
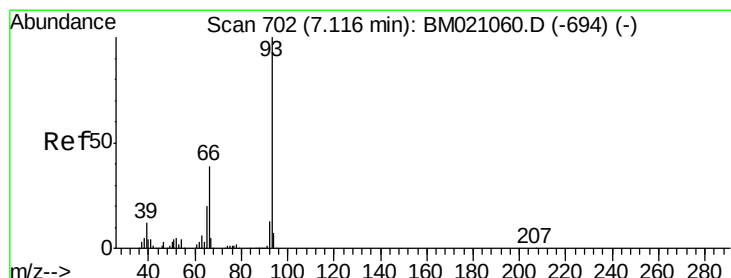
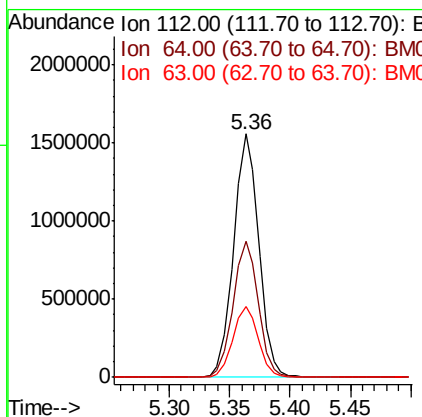
BNA_M

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2019

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#6

Aniline

Concen: 4.291 ng

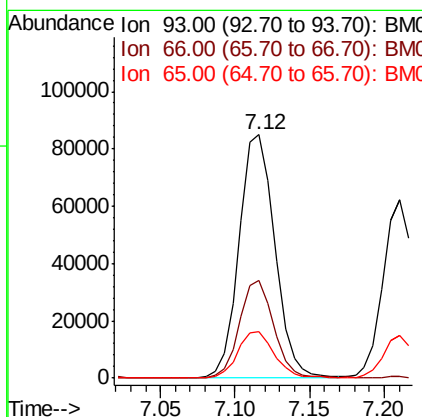
RT: 7.12 min Scan# 702

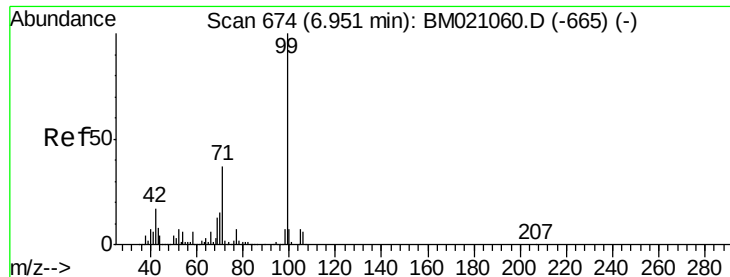
Delta R.T. -0.00 min

Lab File: BM021143.D

Acq: 24 Jun 2019 11:23

Tgt Ion:	93	Resp:	141463
Ion	Ratio	Lower	Upper
93	100		
66	40.3	31.3	46.9
65	19.2	15.9	23.9





#7

Phenol-d6

Concen: 128.831 ng

RT: 6.95 min Scan# 673

Delta R.T. -0.01 min

Lab File: BM021143.D

Acq: 24 Jun 2019 11:23

Instrument :

BNA_M

ClientSampled :

LOD-MDL-SOIL-01-QT2-2019

Tot Ion: 99 Resp: 3188592

Ion Ratio Lower Upper

99 100

42 17.2 13.5 20.3

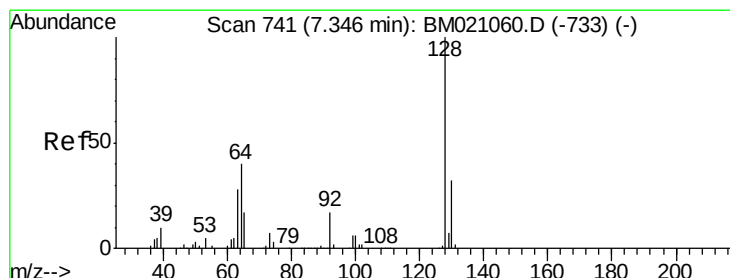
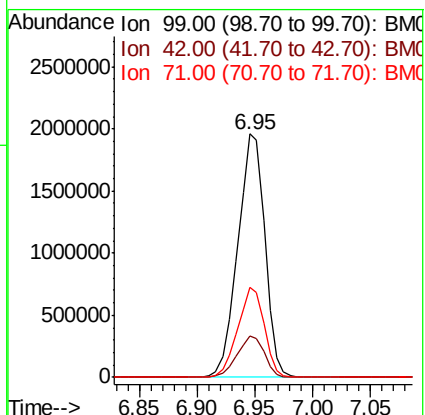
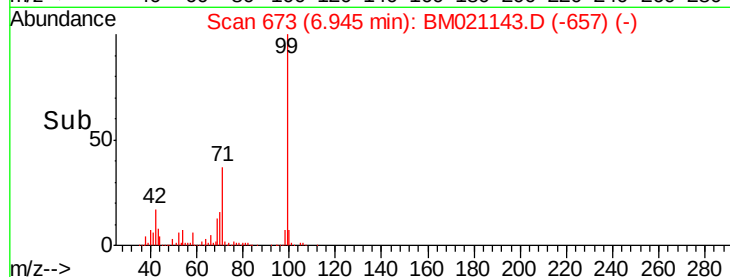
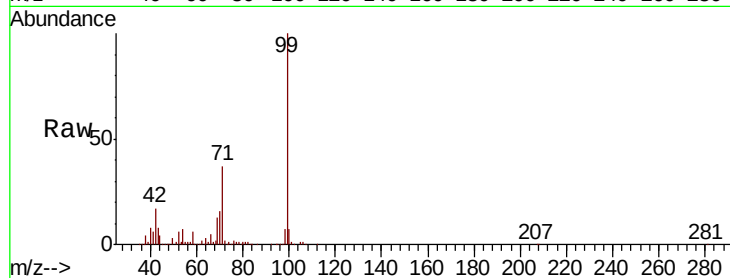
71 37.1 29.3 43.9

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#8

2-Chlorophenol

Concen: 4.633 ng

RT: 7.34 min Scan# 740

Delta R.T. -0.01 min

Lab File: BM021143.D

Acq: 24 Jun 2019 11:23

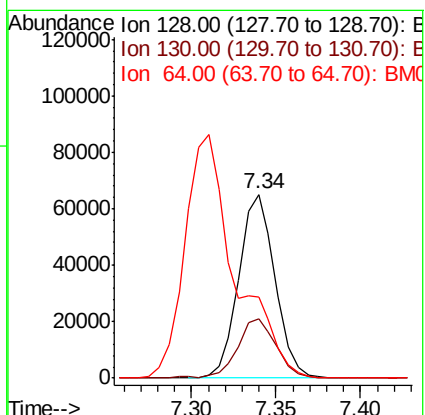
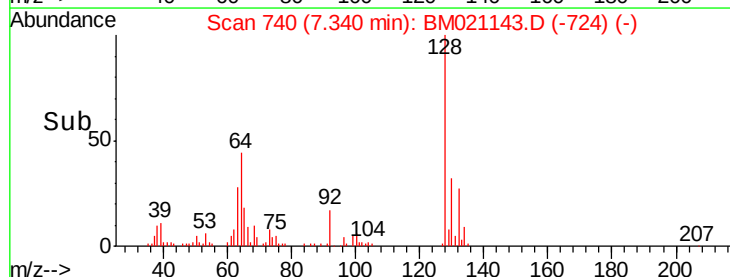
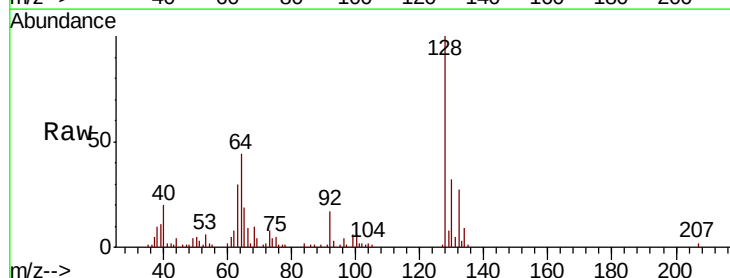
Tgt Ion: 128 Resp: 96907

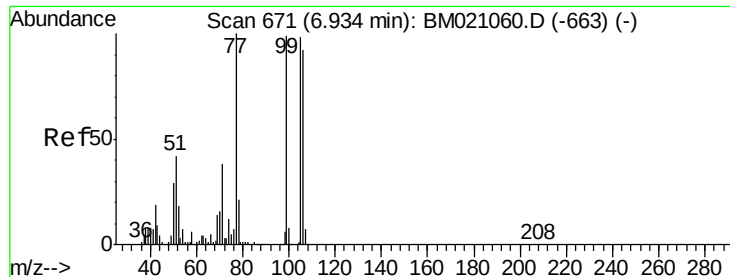
Ion Ratio Lower Upper

128 100

130 32.2 12.2 52.2

64 44.4 23.2 63.2





#9

Benzaldehyde

Concen: 2.908 ng

RT: 6.93 min Scan# 670

Delta R.T. -0.01 min

Lab File: BM021143.D

Acq: 24 Jun 2019 11:23

Instrument :

BNA_M

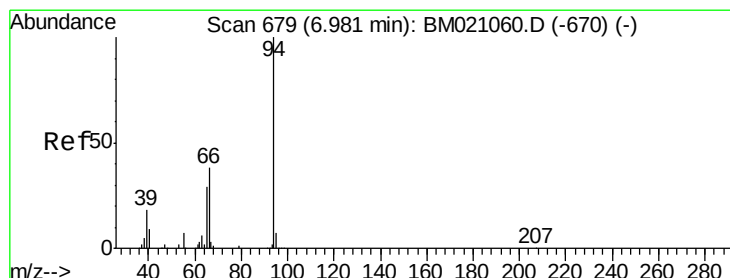
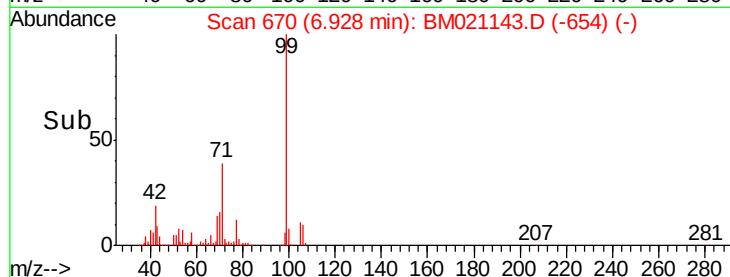
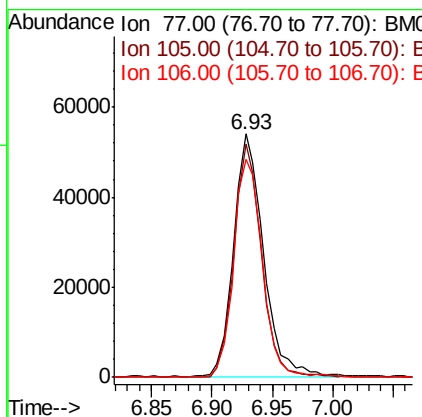
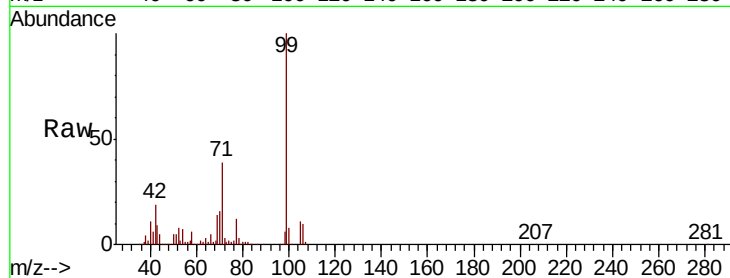
ClientSampleId :

LOD-MDL-SOIL-01-QT2-2019

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
105	95.7	77.8	117.8	
106	89.4	71.8	111.8	

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#10

Phenol

Concen: 4.626 ng

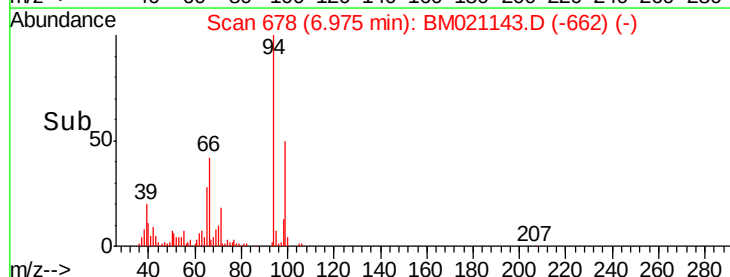
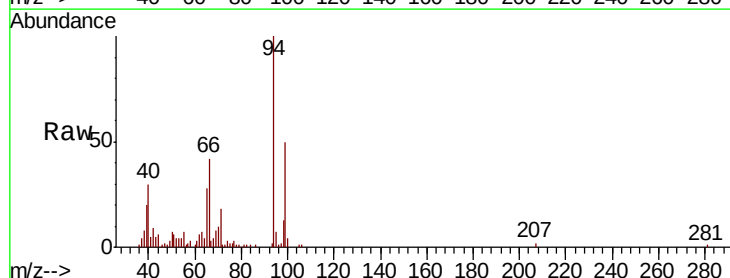
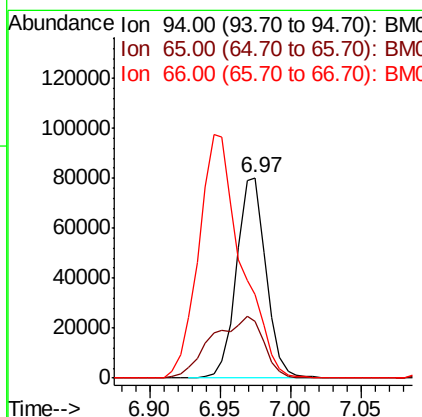
RT: 6.97 min Scan# 678

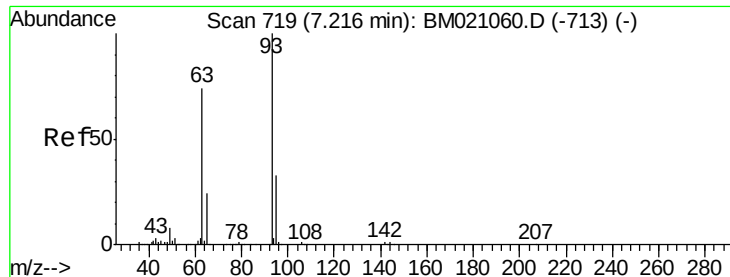
Delta R.T. -0.01 min

Lab File: BM021143.D

Acq: 24 Jun 2019 11:23

Tgt Ion	Ion	Ratio	Lower	Upper
94	100			
65	28.2	8.7	48.7	
66	41.5	19.0	59.0	





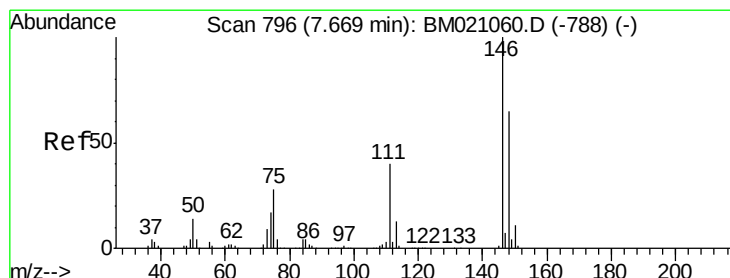
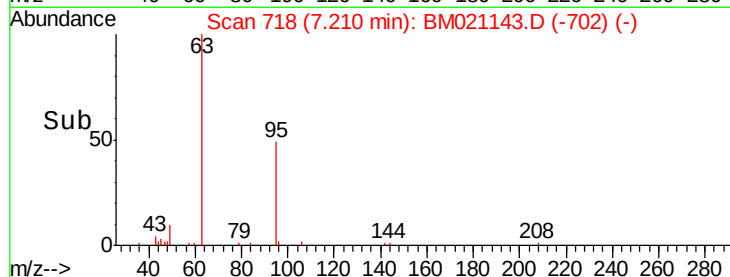
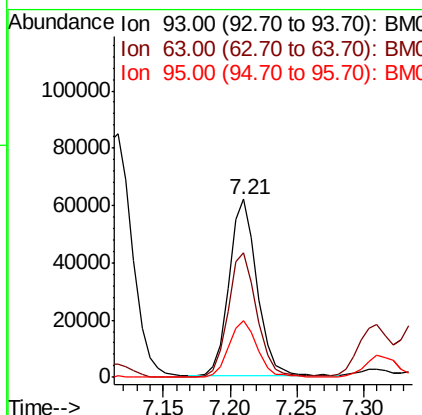
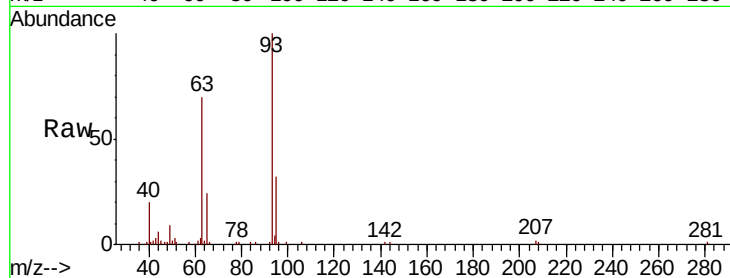
#11
bis(2-Chloroethyl)ether
Concen: 4.490 ng
RT: 7.21 min Scan# 718
Delta R.T. -0.01 min
Lab File: BM021143.D
Acq: 24 Jun 2019 11:23

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

Tot Ion	Ratio	Lower	Upper
93	100		
63	70.0	53.4	93.4
95	31.5	13.0	53.0

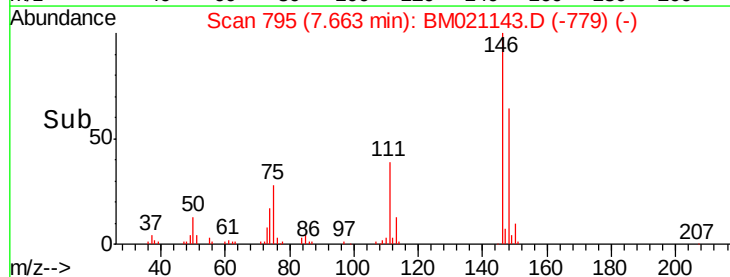
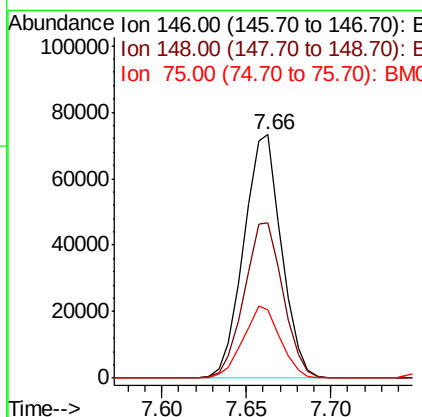
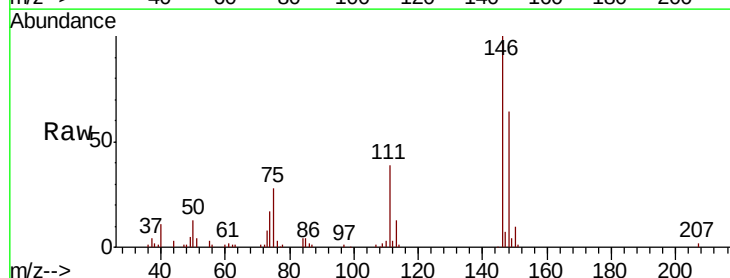
Manual Integrations
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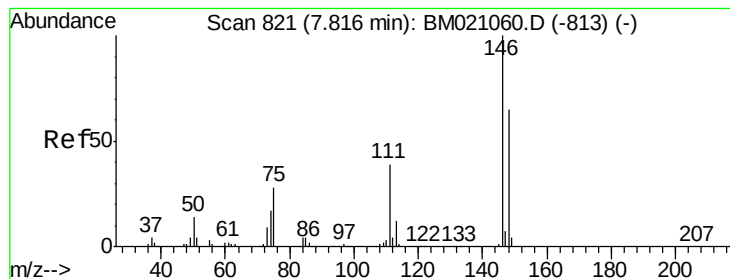
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#12
1,3-Dichlorobenzene
Concen: 4.492 ng
RT: 7.66 min Scan# 795
Delta R.T. -0.01 min
Lab File: BM021143.D
Acq: 24 Jun 2019 11:23

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	52.2	78.2
75	27.9	22.2	33.4





#13

1,4-Dichlorobenzene

Concen: 4.457 ng

RT: 7.81 min Scan# 820

Delta R.T. -0.01 min

Lab File: BM021143.D

Acq: 24 Jun 2019 11:23

Instrument :

BNA_M

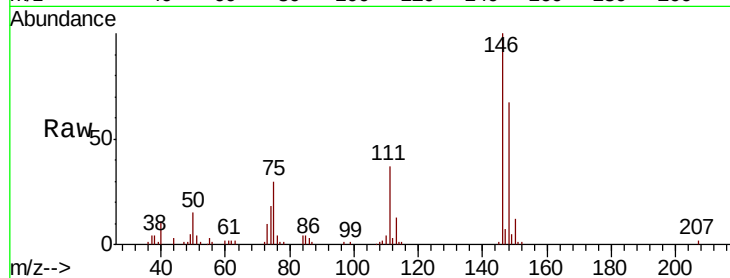
ClientSampleId :

LOD-MDL-SOIL-01-QT2-2019

Tot Ion:	146	Resp:	114828
Ion Ratio	Lower	Upper	
146	100		
148	67.5	51.9	77.9
111	36.9	31.4	47.0

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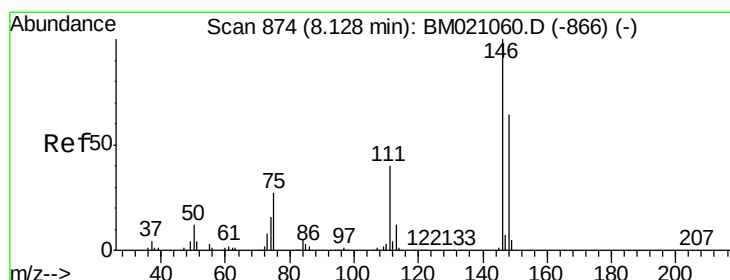
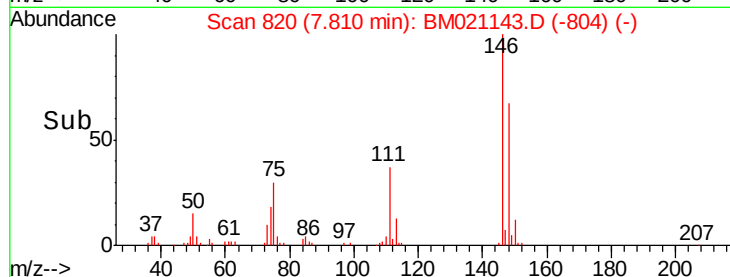
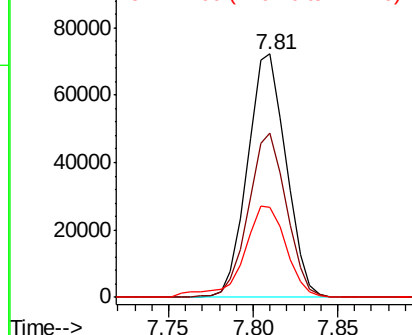


Abundance

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: 4.502 ng

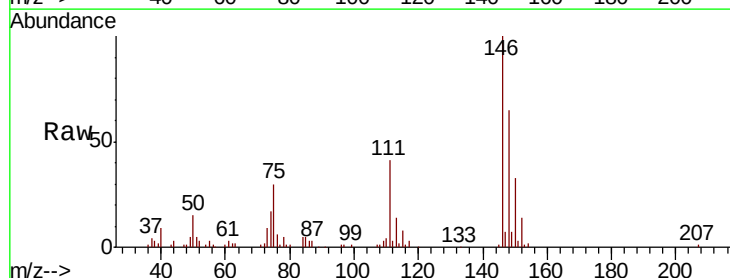
RT: 8.12 min Scan# 873

Delta R.T. -0.01 min

Lab File: BM021143.D

Acq: 24 Jun 2019 11:23

Tgt Ion:	146	Resp:	113679
Ion Ratio	Lower	Upper	
146	100		
148	64.7	51.2	76.8
111	41.5	32.8	49.2

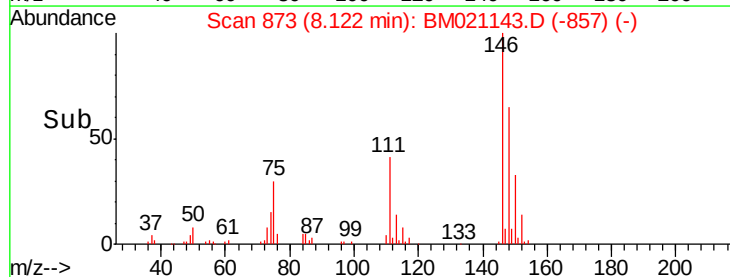
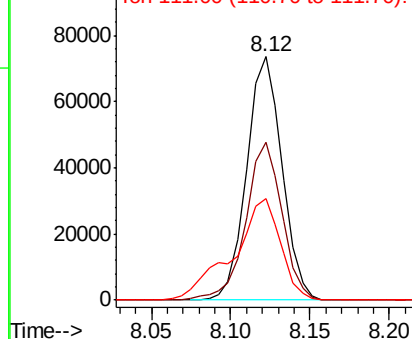


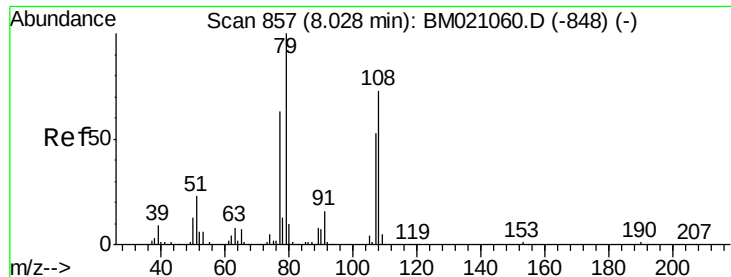
Abundance

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





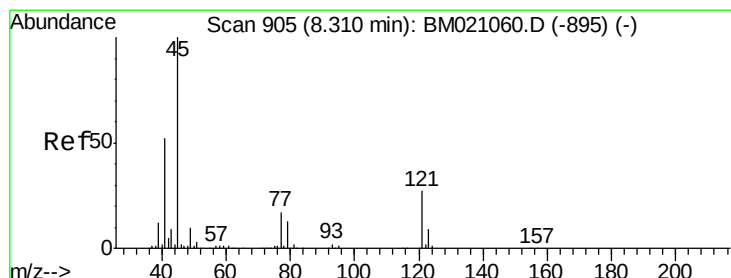
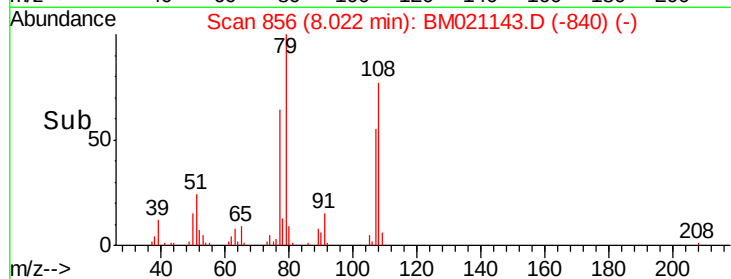
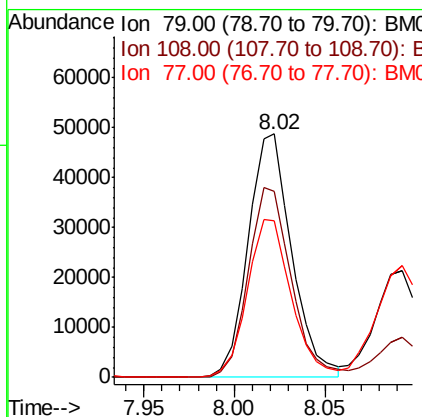
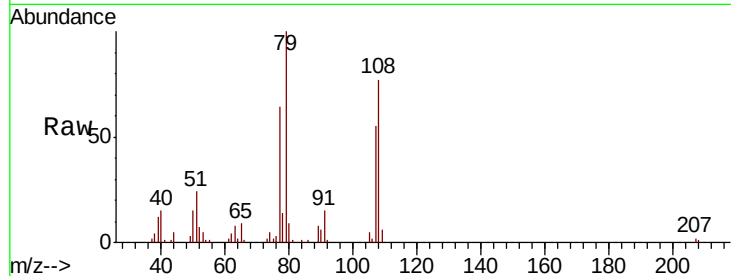
#15
Benzyl Alcohol
Concen: 4.075 ng
RT: 8.02 min Scan# 856
Delta R.T. -0.01 min
Lab File: BM021143.D
Acq: 24 Jun 2019 11:23

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

Tot Ion	Ratio	Lower	Upper
79	100		
108	76.6	58.4	87.6
77	64.3	50.1	75.1

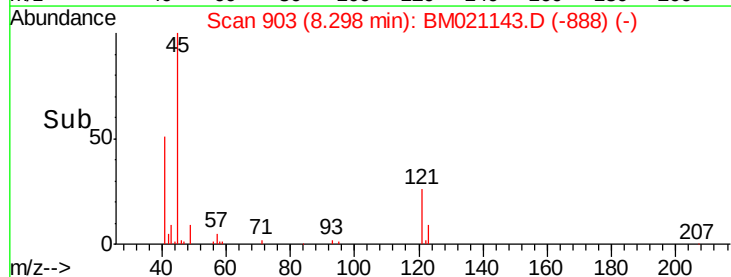
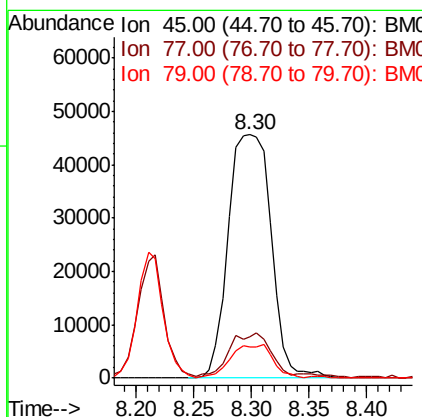
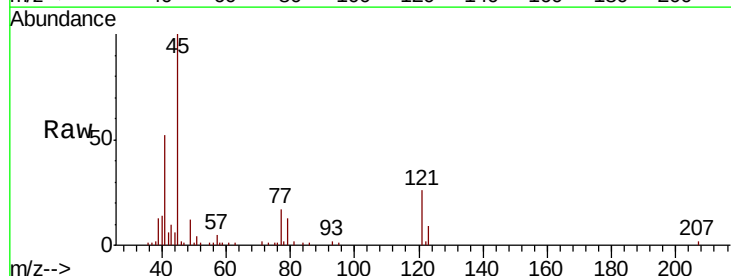
Manual Integrations
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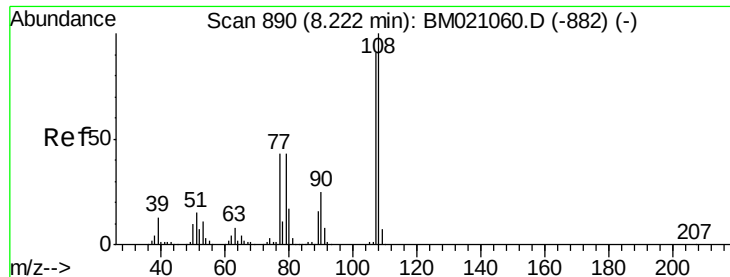
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#16
2,2'-oxybis(1-chloropropane)
Concen: 4.549 ng
RT: 8.30 min Scan# 903
Delta R.T. -0.01 min
Lab File: BM021143.D
Acq: 24 Jun 2019 11:23

Tgt Ion	Ratio	Lower	Upper
45	100		
77	17.2	0.0	37.5
79	12.7	0.0	33.5





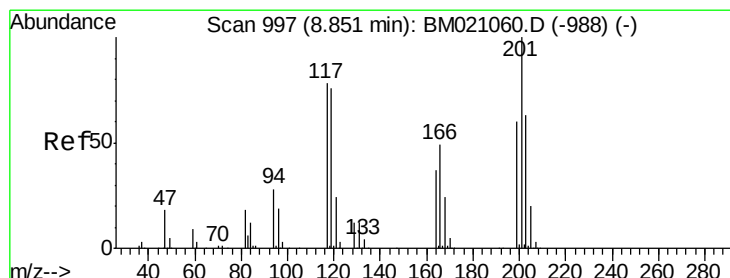
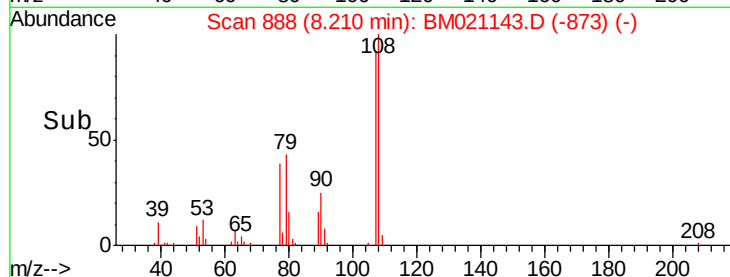
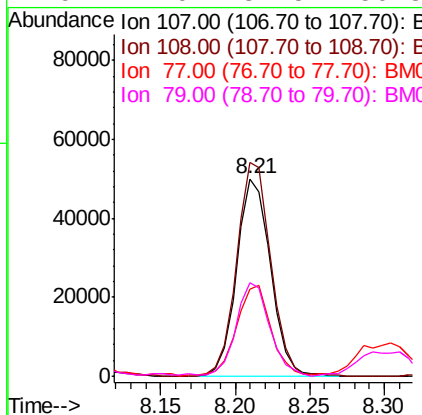
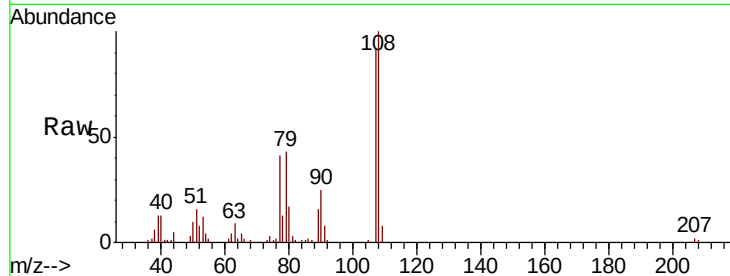
#17
2-Methylphenol
Concen: 4.353 ng
RT: 8.21 min Scan# 888
Delta R.T. -0.01 min
Lab File: BM021143.D
Acq: 24 Jun 2019 11:23

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

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	108.2	87.5	131.3	
77	43.9	37.8	56.8	
79	47.0	37.5	56.3	

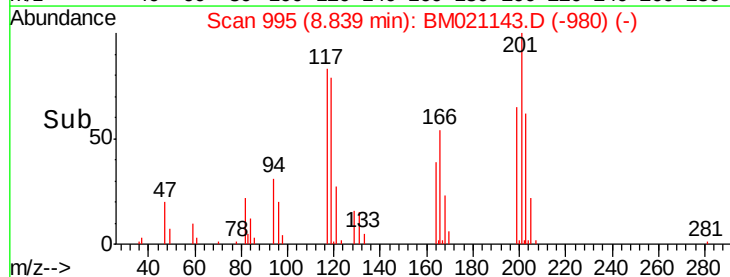
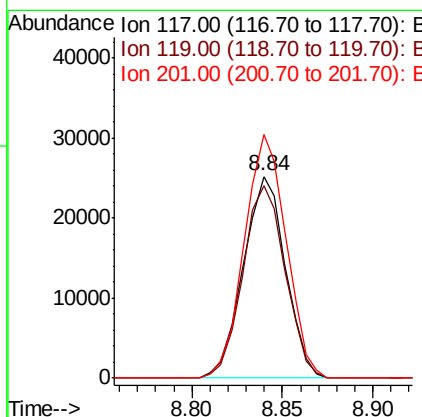
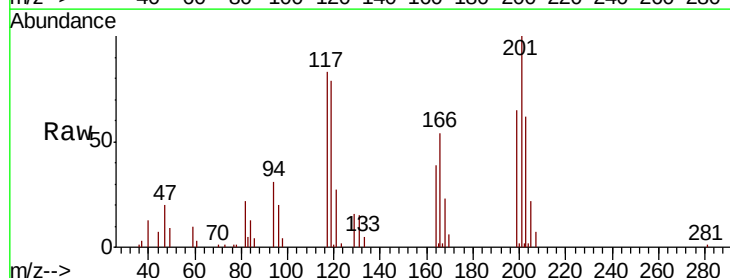
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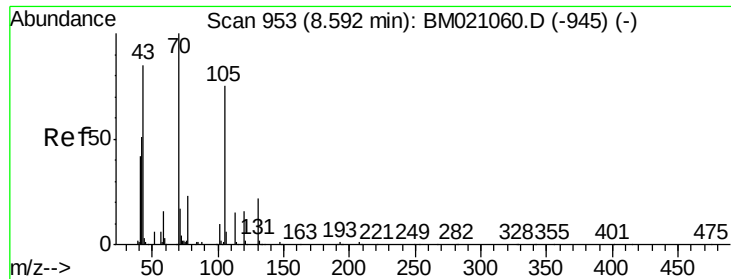
mohammad
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#18
Hexachloroethane
Concen: 4.388 ng
RT: 8.84 min Scan# 995
Delta R.T. -0.01 min
Lab File: BM021143.D
Acq: 24 Jun 2019 11:23

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.6	77.5	116.3	
201	120.6	102.3	153.5	





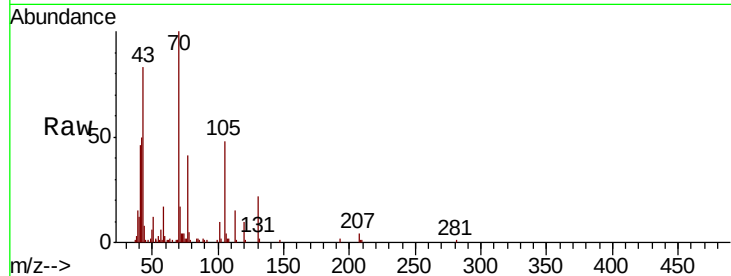
#19
n-Nitroso-di-n-propylamine
Concen: 4.413 ng
RT: 8.58 min Scan# 951
Delta R.T. -0.01 min
Lab File: BM021143.D
Acq: 24 Jun 2019 11:23

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

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	50.1	41.9	62.9	
101	9.6	8.1	12.1	
130	21.9	17.5	26.3	

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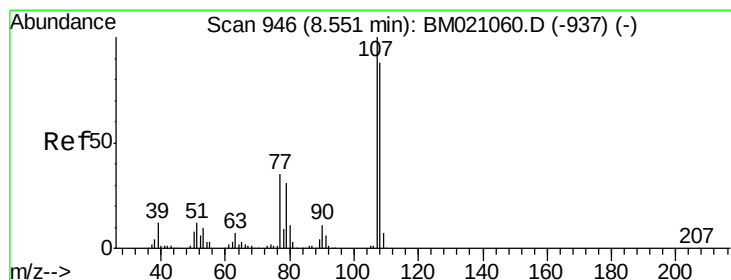
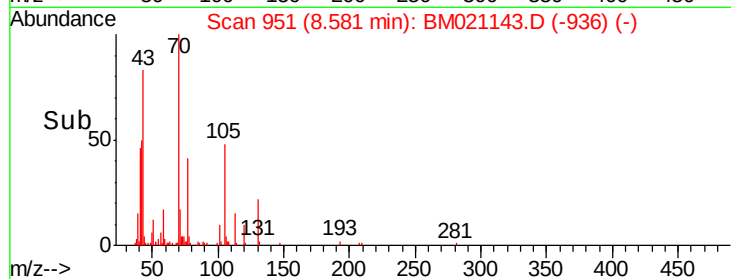
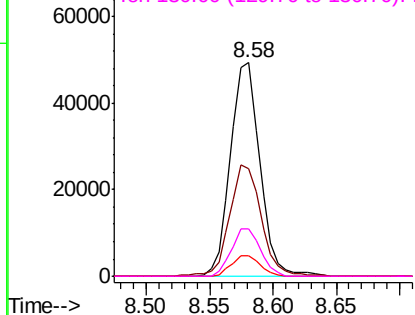
Abundance

Ion 70.00 (69.70 to 70.70): BM021143.D (-936) (-)

Ion 42.00 (41.70 to 42.70): BM021143.D (-936) (-)

Ion 101.00 (100.70 to 101.70): BM021143.D (-936) (-)

Ion 130.00 (129.70 to 130.70): BM021143.D (-936) (-)



#20
3+4-Methylphenols
Concen: 4.239 ng
RT: 8.54 min Scan# 944
Delta R.T. -0.01 min
Lab File: BM021143.D
Acq: 24 Jun 2019 11:23

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.8	67.9	107.9	
77	35.2	14.6	54.6	
79	30.8	10.8	50.8	

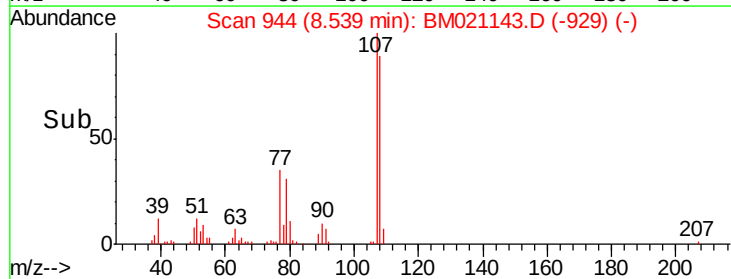
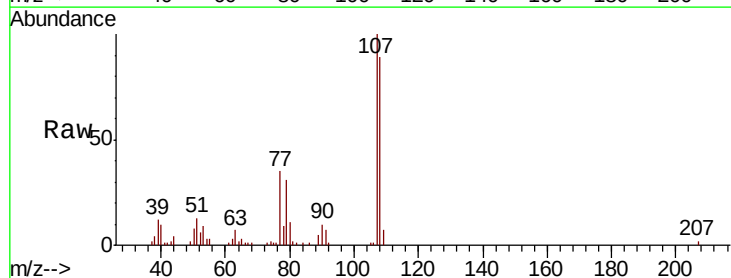
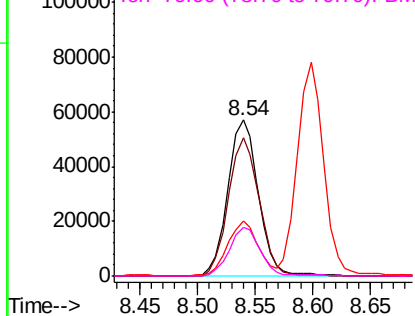
Abundance

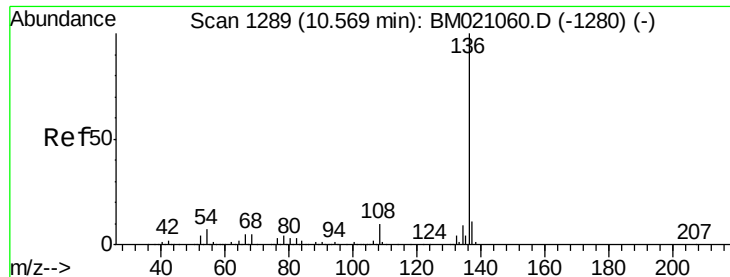
Ion 107.00 (106.70 to 107.70): BM021143.D (-929) (-)

Ion 108.00 (107.70 to 108.70): BM021143.D (-929) (-)

Ion 77.00 (76.70 to 77.70): BM021143.D (-929) (-)

Ion 79.00 (78.70 to 79.70): BM021143.D (-929) (-)





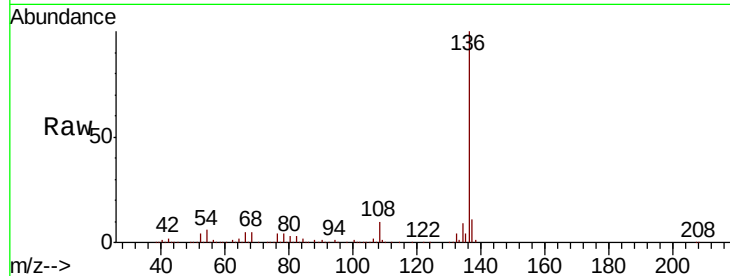
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.56 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BM021143.D
Acq: 24 Jun 2019 11:23

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

Tot Ion	136	Resp	1279895
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.6	13.0
54	6.5	5.3	7.9
68	4.9	4.4	6.6

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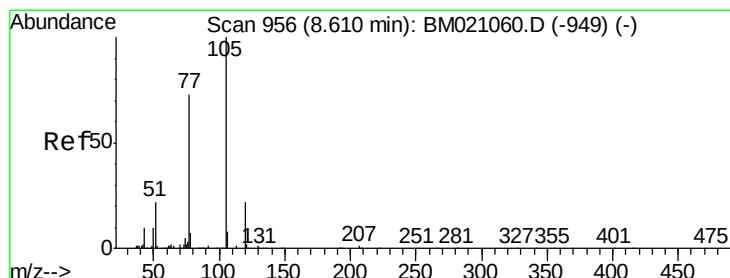
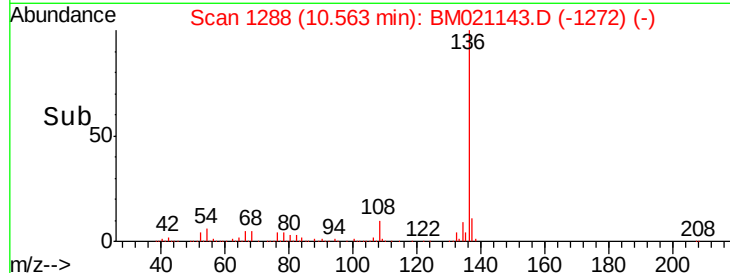
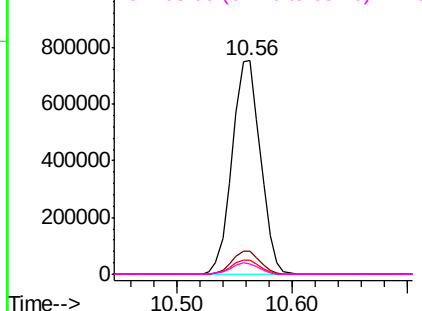
Abundance

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: 4.837 ng
RT: 8.60 min Scan# 954
Delta R.T. -0.01 min
Lab File: BM021143.D
Acq: 24 Jun 2019 11:23

Tgt Ion	105	Resp	157772
Ion	Ratio	Lower	Upper
105	100		
71	1.5	1.2	1.8
51	24.0	19.1	28.7
120	23.1	17.9	26.9

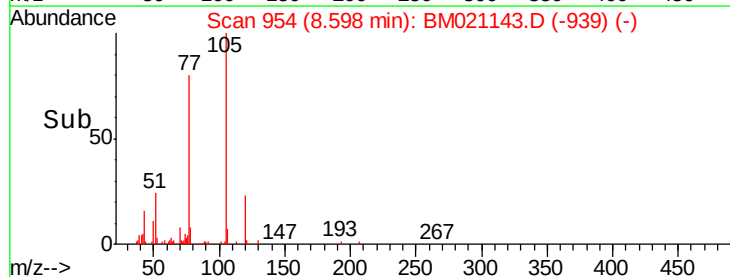
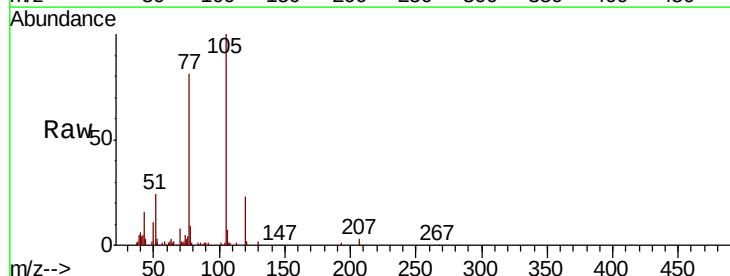
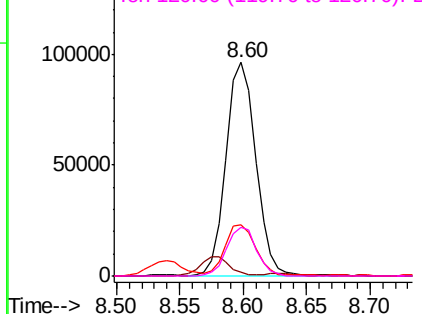
Abundance

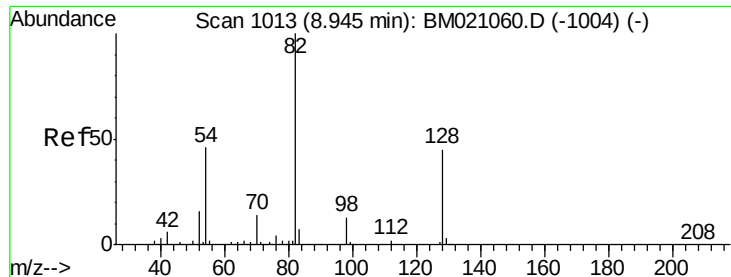
Ion 105.00 (104.70 to 105.70): E

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





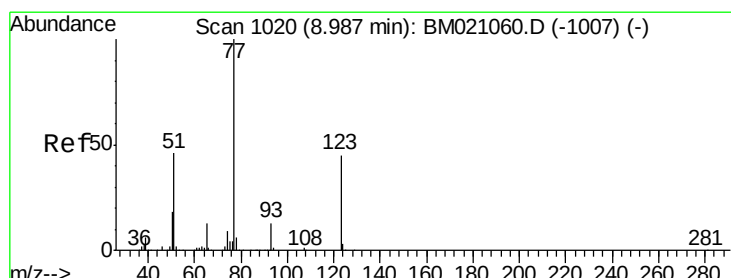
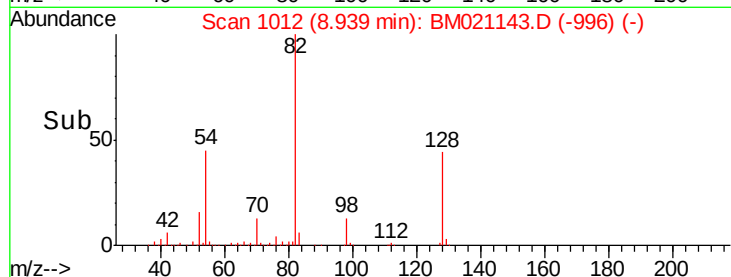
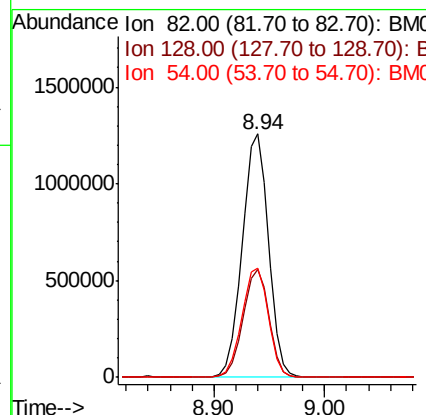
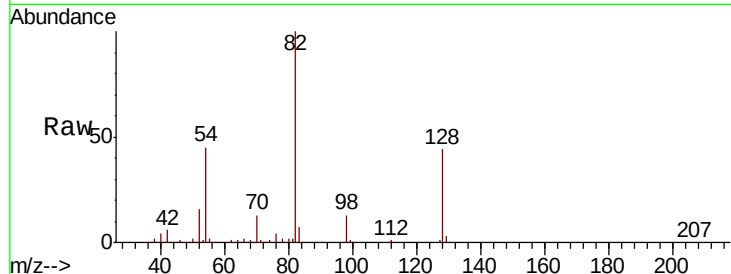
#23
 Nitrobenzene-d5
 Concen: 85.854 ng
 RT: 8.94 min Scan# 1012
 Delta R.T. -0.01 min
 Lab File: BM021143.D
 Acq: 24 Jun 2019 11:23

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

Tot Ion	82	Resp	2108422
Ion Ratio	100	Lower	Upper
82	100		
128	44.3	35.9	53.9
54	44.9	36.6	55.0

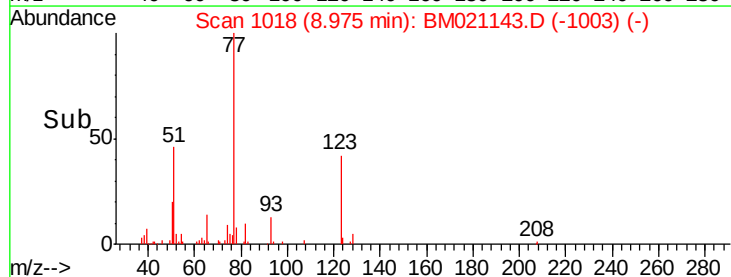
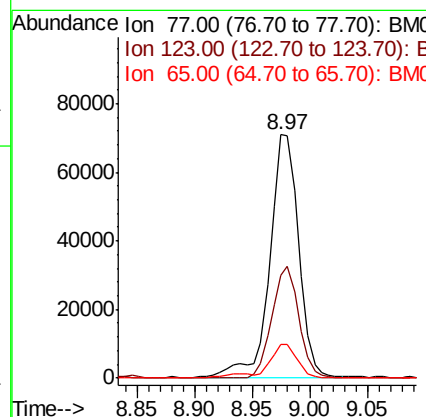
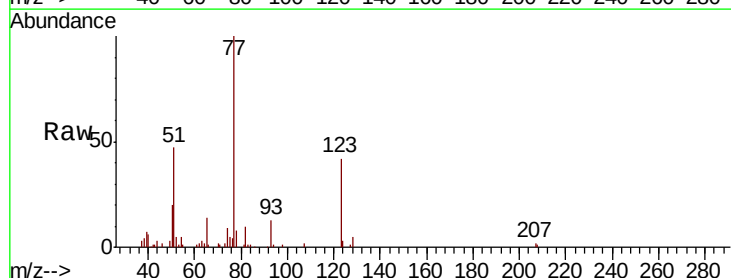
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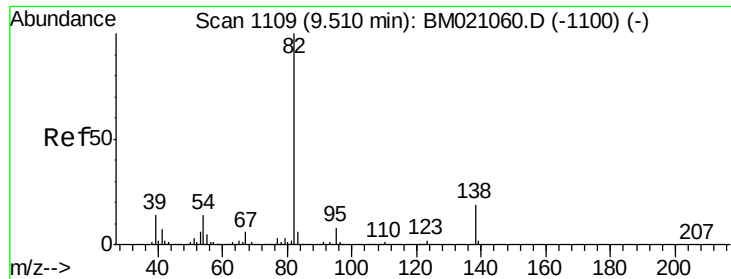
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#24
 Nitrobenzene
 Concen: 5.162 ng
 RT: 8.97 min Scan# 1018
 Delta R.T. -0.01 min
 Lab File: BM021143.D
 Acq: 24 Jun 2019 11:23

Tgt Ion	77	Resp	125580
Ion Ratio	100	Lower	Upper
77	100		
123	42.2	36.3	54.5
65	13.8	10.6	16.0





#25

Isophorone

Concen: 4.698 ng

RT: 9.50 min Scan# 1107

Delta R.T. -0.01 min

Lab File: BM021143.D

Acq: 24 Jun 2019 11:23

Instrument :

BNA_M

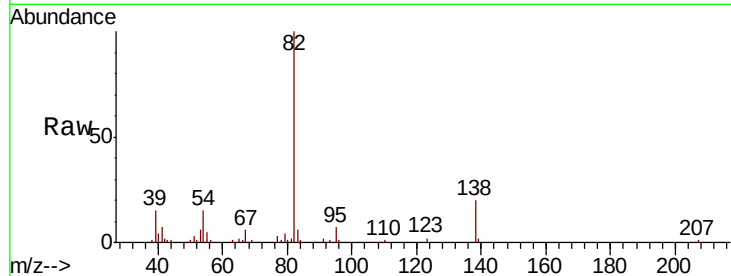
ClientSampleId :

LOD-MDL-SOIL-01-QT2-2019

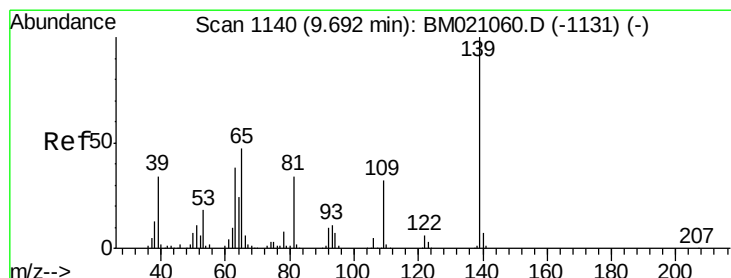
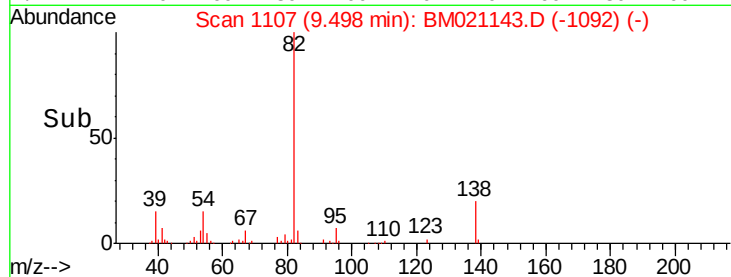
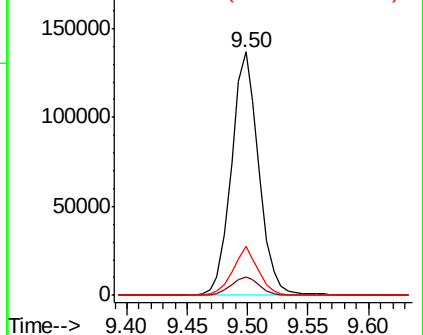
Tot Ion:	82	Resp:	215878
Ion Ratio	Lower	Upper	
82	100		
95	7.4	6.1	9.1
138	19.9	15.0	22.6

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Abundance Ion 82.00 (81.70 to 82.70): BM021060.D (-1100) (-)



#26

2-Nitrophenol

Concen: 4.110 ng

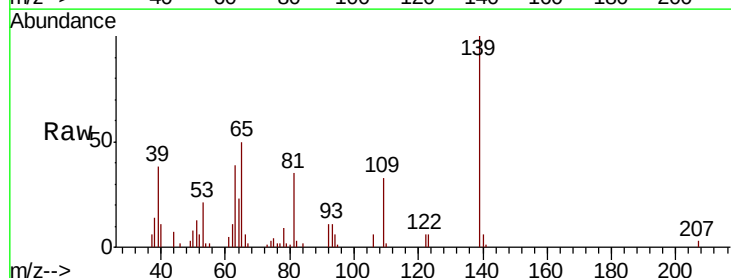
RT: 9.69 min Scan# 1139

Delta R.T. -0.01 min

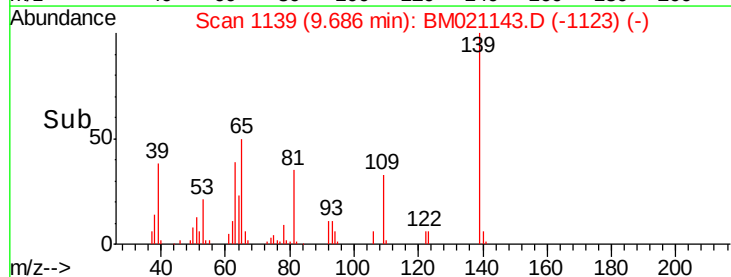
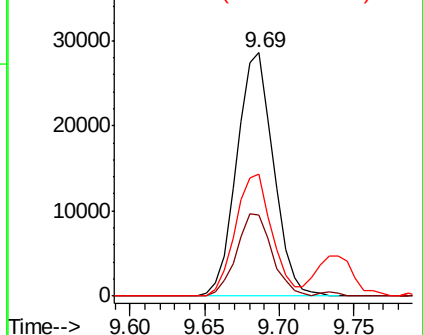
Lab File: BM021143.D

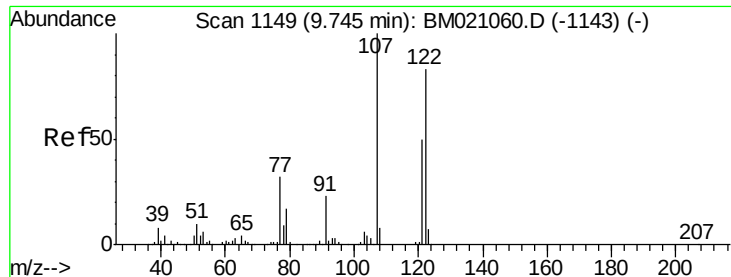
Acq: 24 Jun 2019 11:23

Tgt Ion:	139	Resp:	48954
Ion Ratio	Lower	Upper	
139	100		
109	33.4	25.2	37.8
65	50.1	37.4	56.0



Abundance Ion 139.00 (138.70 to 139.70): BM021060.D (-1131) (-)





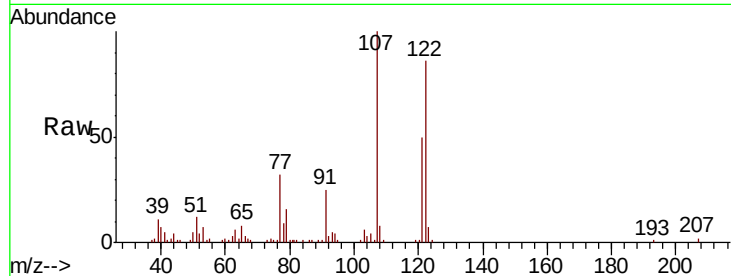
#27
2,4-Dimethylphenol
Concen: 4.395 ng
RT: 9.74 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BM021143.D
Acq: 24 Jun 2019 11:23

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

Tot Ion	Ratio	Lower	Upper
122	100		
107	116.6	95.3	142.9
121	57.8	47.5	71.3

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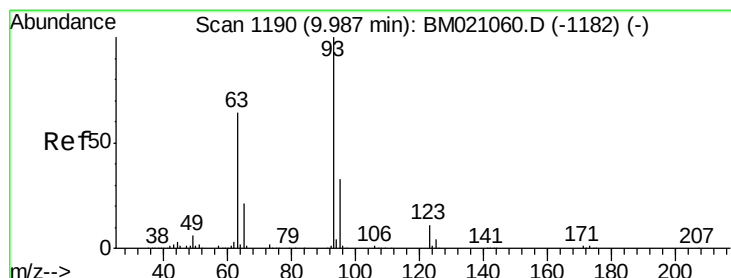
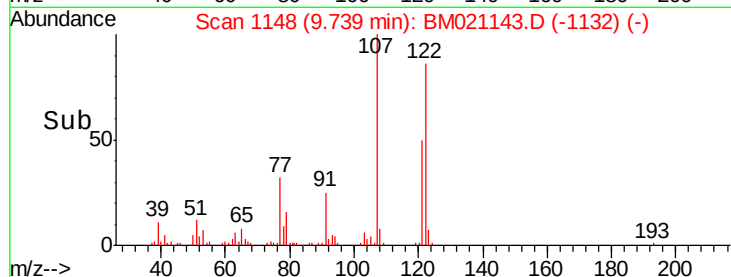
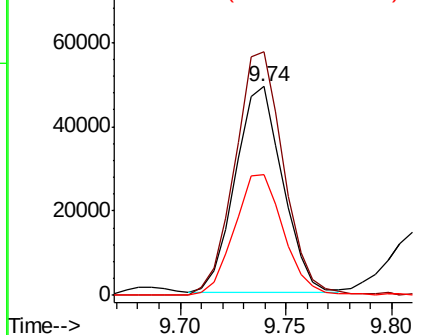


Abundance

Ion 122.00 (121.70 to 122.70): E

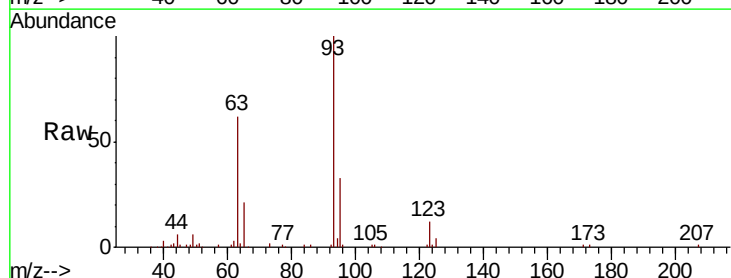
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 4.634 ng
RT: 9.98 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BM021143.D
Acq: 24 Jun 2019 11:23

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.2	26.2	39.2
123	12.0	9.0	13.4

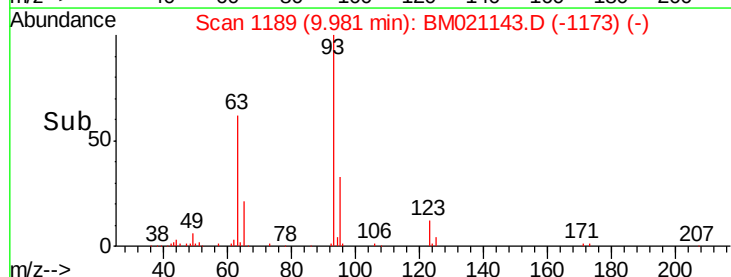
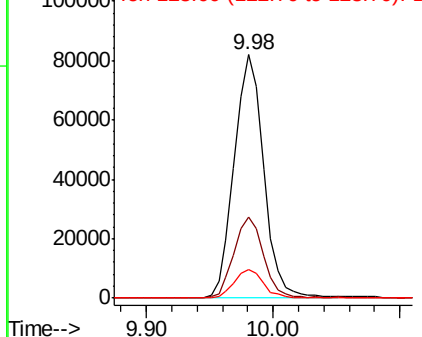


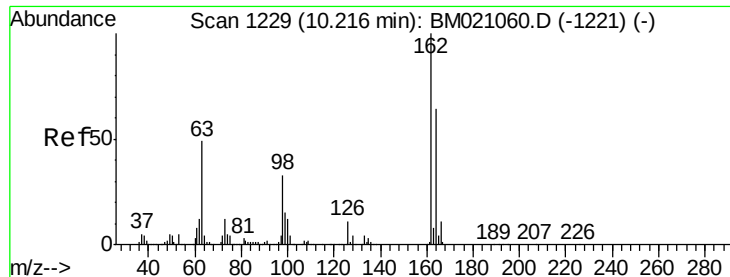
Abundance

Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E





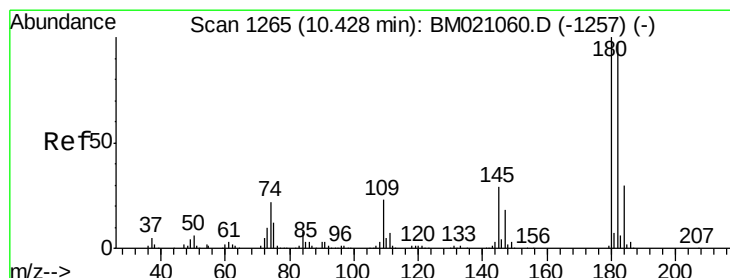
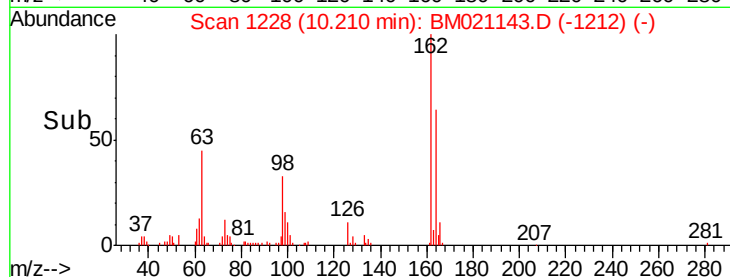
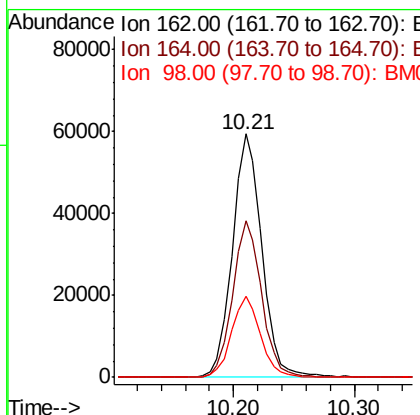
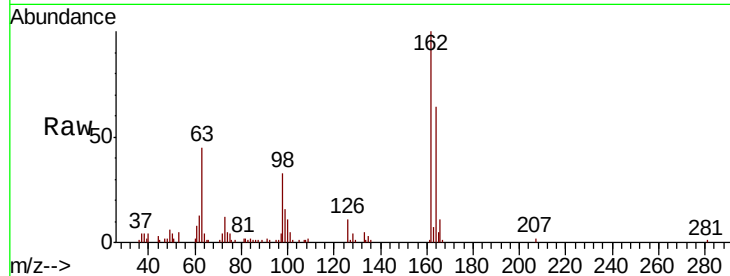
#29
2,4-Dichlorophenol
Concen: 4.468 ng
RT: 10.21 min Scan# 1228
Delta R.T. -0.01 min
Lab File: BM021143.D
Acq: 24 Jun 2019 11:23

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

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
164	64.1	43.7	83.7	
98	33.4	13.4	53.4	

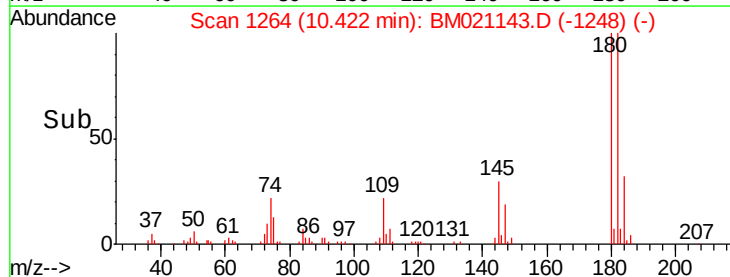
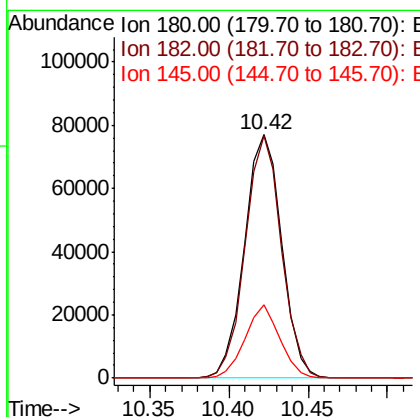
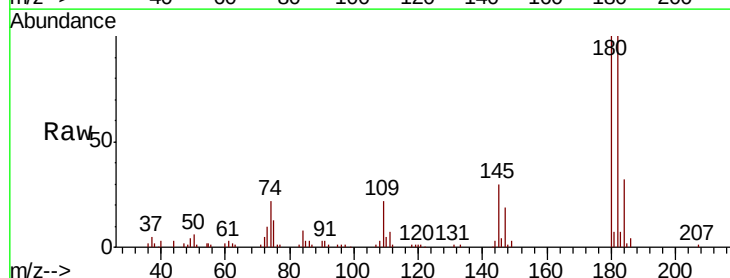
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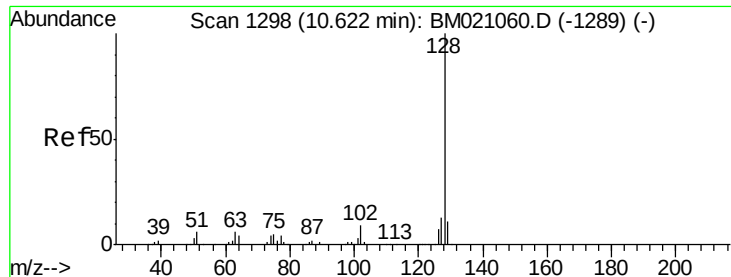
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#30
1,2,4-Trichlorobenzene
Concen: 4.737 ng
RT: 10.42 min Scan# 1264
Delta R.T. -0.01 min
Lab File: BM021143.D
Acq: 24 Jun 2019 11:23

Tgt Ion	Ratio	Resp	Lower	Upper
180	100			
182	99.5	78.0	117.0	
145	30.2	23.4	35.0	





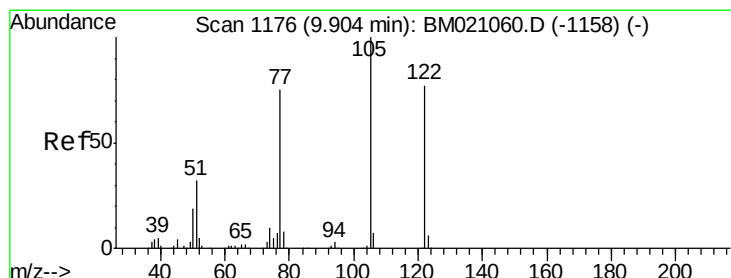
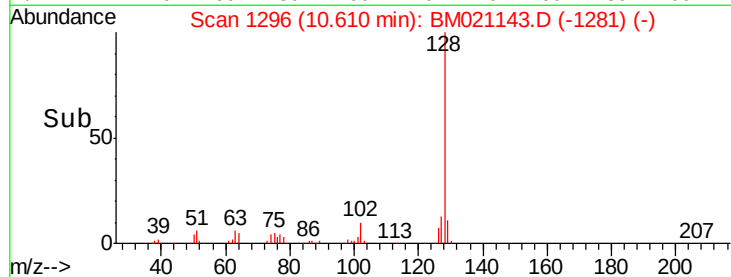
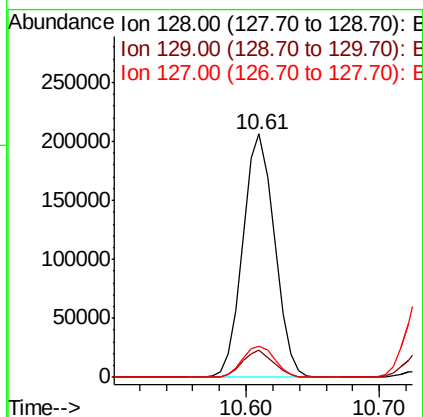
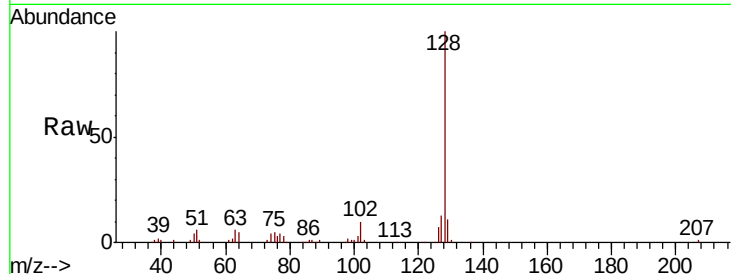
#31
Naphthalene
Concen: 4.994 ng
RT: 10.61 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BM021143.D
Acq: 24 Jun 2019 11:23

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

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.6	13.0
127	12.7	10.8	16.2

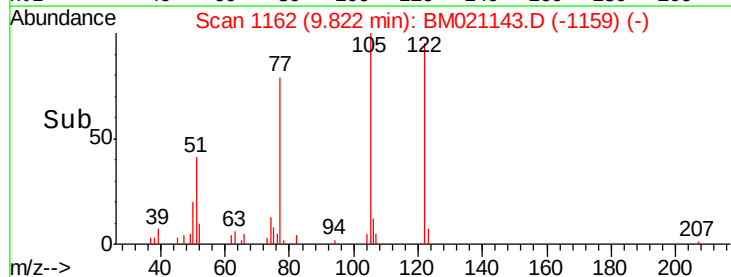
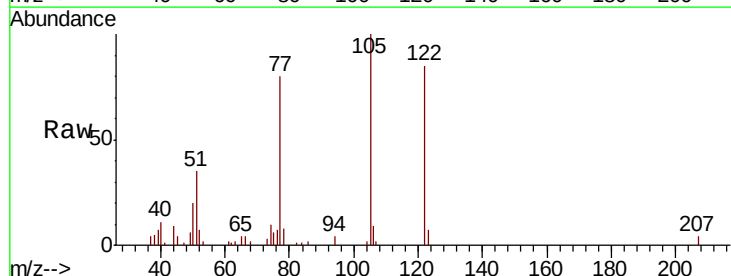
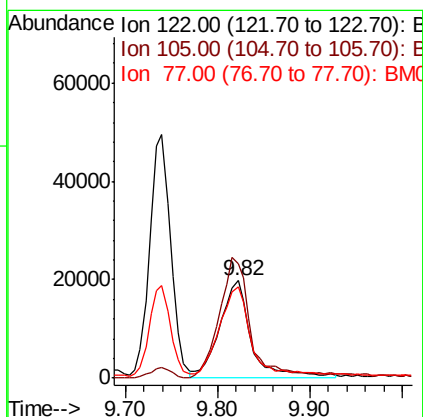
Manual Integrations
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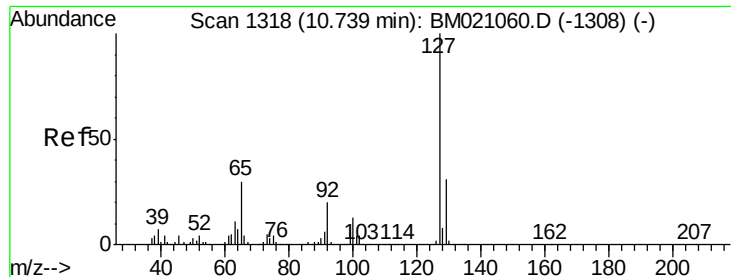
mohammad
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#32
Benzoic acid
Concen: 3.374 ng m
RT: 9.82 min Scan# 1162
Delta R.T. -0.08 min
Lab File: BM021143.D
Acq: 24 Jun 2019 11:23

Tgt Ion	Ratio	Lower	Upper
122	100		
105	117.1	108.9	148.9
77	93.2	76.7	116.7





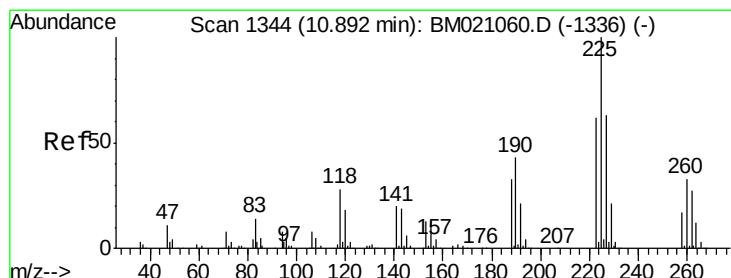
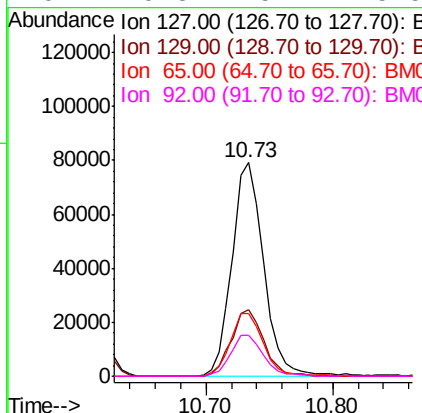
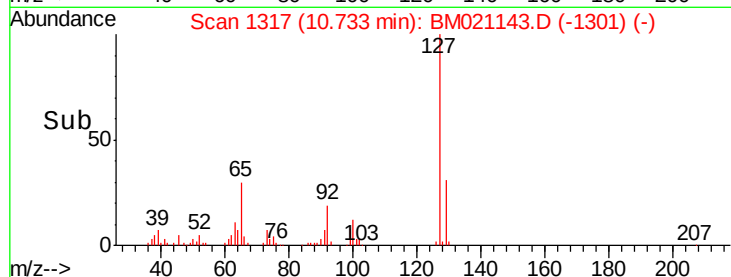
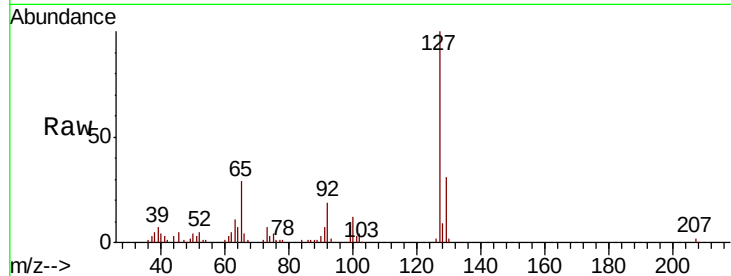
#33
4-Chloroaniline
Concen: 4.454 ng
RT: 10.73 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BM021143.D
Acq: 24 Jun 2019 11:23

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

Tot Ion	Ratio	Lower	Upper
127	100		
129	31.0	25.1	37.7
65	29.4	23.8	35.8
92	19.3	15.7	23.5

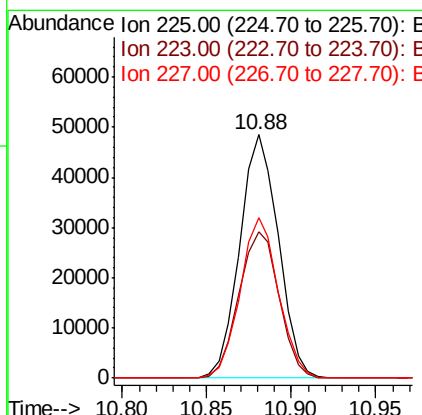
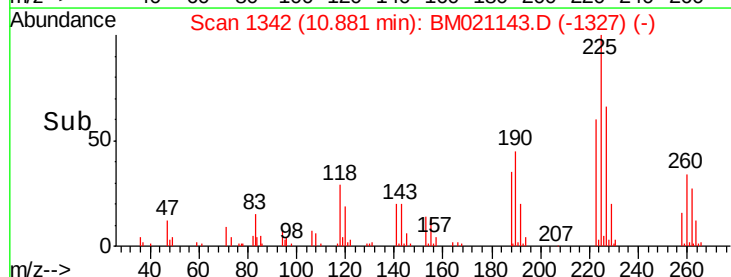
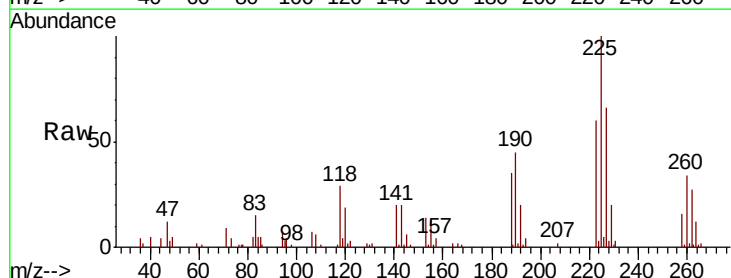
Manual Integrations
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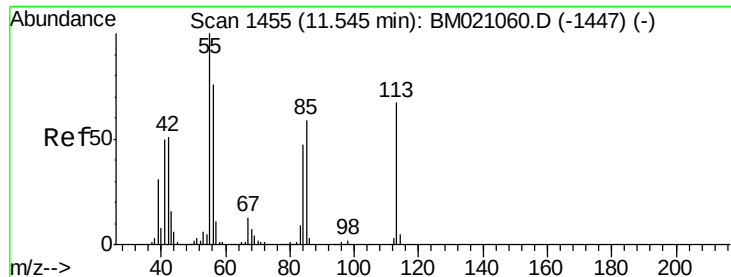
mohammad
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#34
Hexachlorobutadiene
Concen: 4.618 ng
RT: 10.88 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BM021143.D
Acq: 24 Jun 2019 11:23

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.3	49.6	74.4
227	65.8	50.4	75.6





#35

Caprolactam

Concen: 4.111 ng

RT: 11.53 min Scan# 1453

Delta R.T. -0.01 min

Lab File: BM021143.D

Acq: 24 Jun 2019 11:23

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2019

Tot Ion:113 Resp: 28915

Ion Ratio Lower Upper

113 100

55 148.8 129.8 169.8

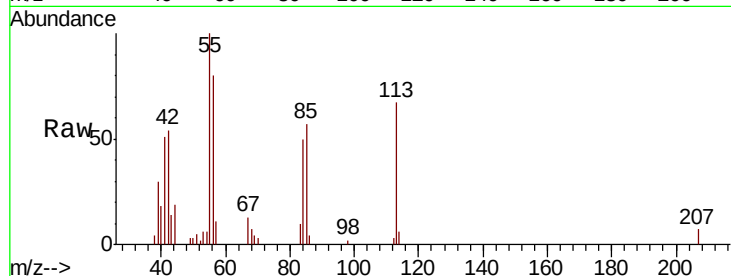
56 119.7 94.3 134.3

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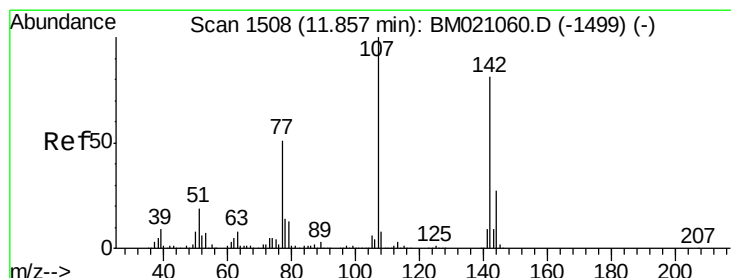
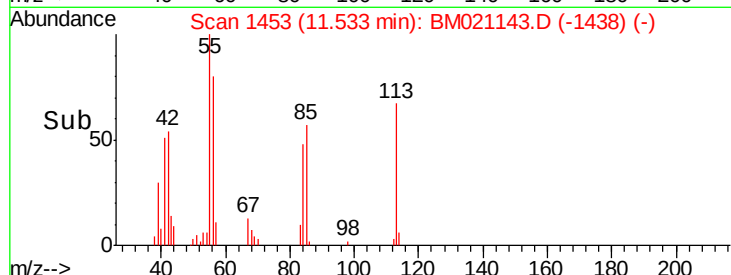
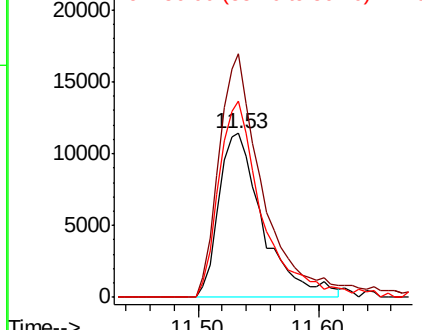
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM

Ion 56.00 (55.70 to 56.70): BM



#36

4-Chloro-3-methylphenol

Concen: 4.656 ng

RT: 11.85 min Scan# 1507

Delta R.T. -0.01 min

Lab File: BM021143.D

Acq: 24 Jun 2019 11:23

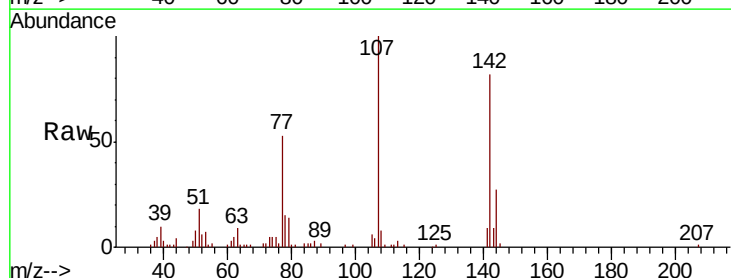
Tgt Ion:107 Resp: 106524

Ion Ratio Lower Upper

107 100

144 26.8 21.3 31.9

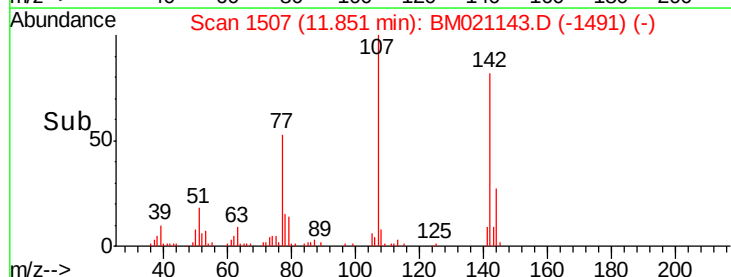
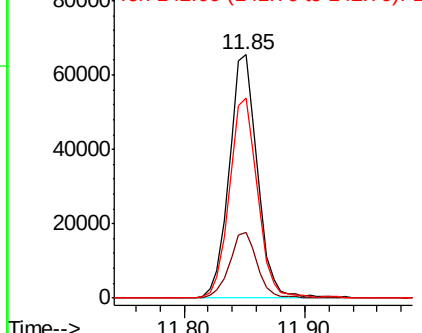
142 82.1 64.9 97.3

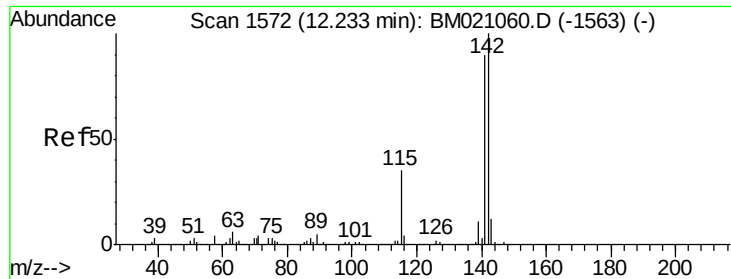


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





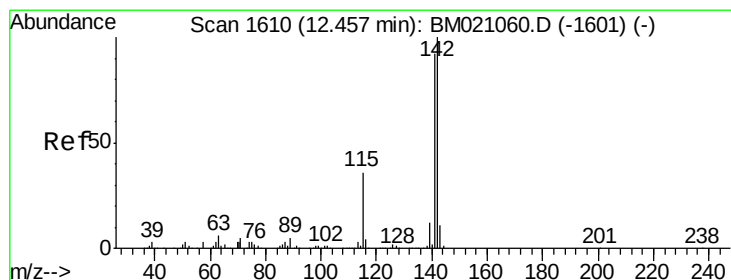
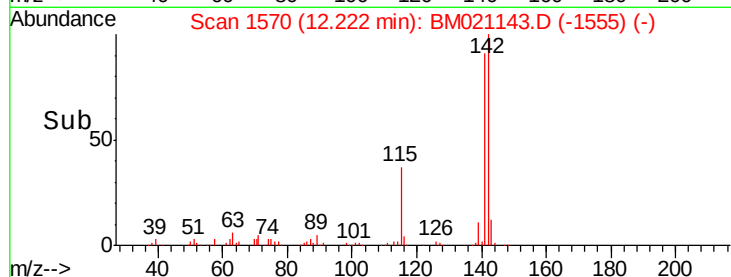
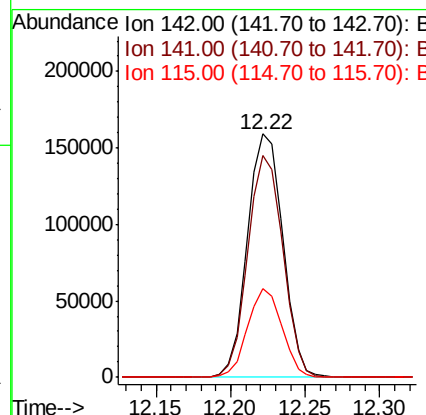
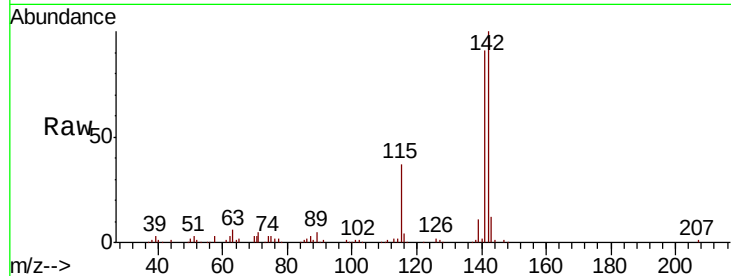
#37
2-Methylnaphthalene
Concen: 5.024 ng
RT: 12.22 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BM021143.D
Acq: 24 Jun 2019 11:23

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

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.2	72.2	108.2
115	36.6	27.9	41.9

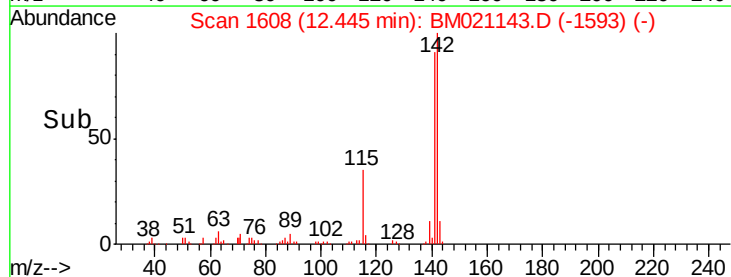
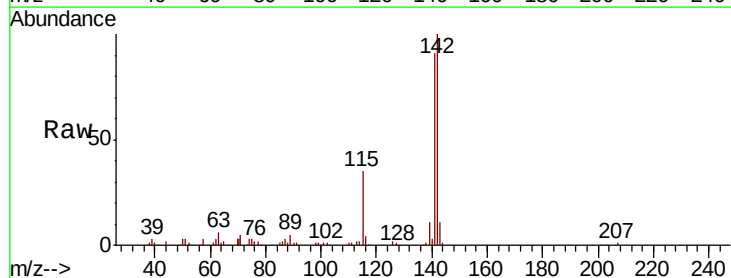
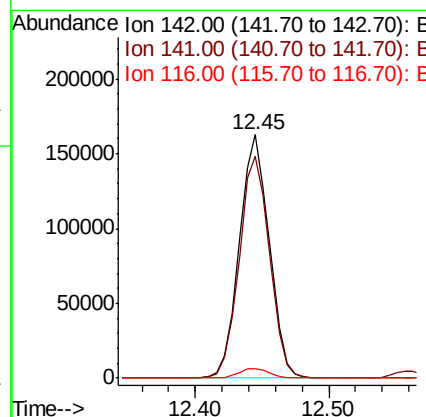
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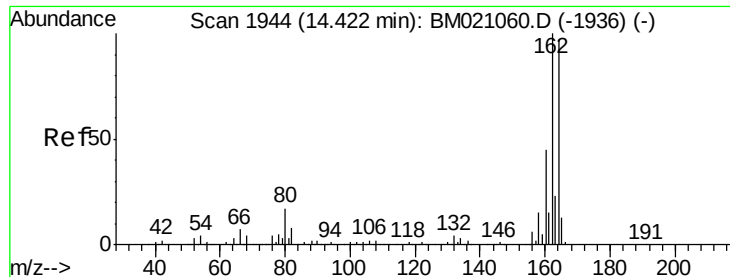
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#38
1-Methylnaphthalene
Concen: 5.062 ng
RT: 12.45 min Scan# 1608
Delta R.T. -0.01 min
Lab File: BM021143.D
Acq: 24 Jun 2019 11:23

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.4	73.9	110.9
116	3.6	3.0	4.6





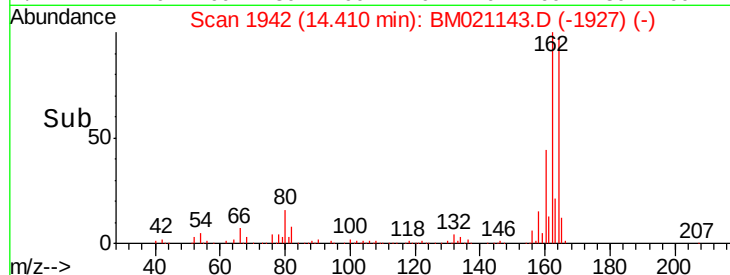
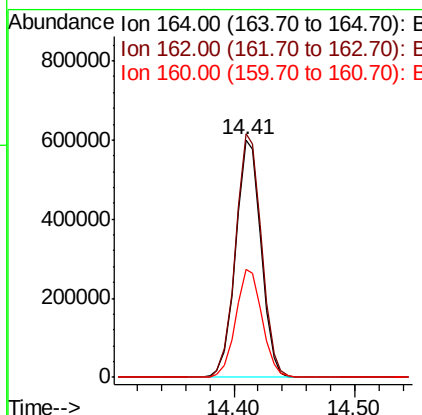
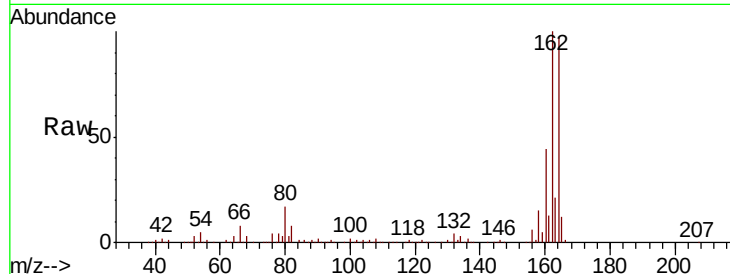
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.41 min Scan# 1942
 Delta R.T. -0.01 min
 Lab File: BM021143.D
 Acq: 24 Jun 2019 11:23

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

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.6	82.1	123.1
160	45.5	37.1	55.7

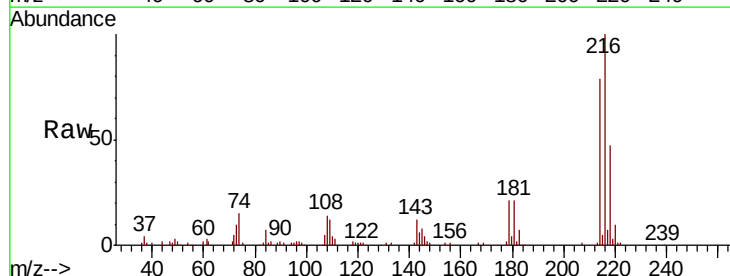
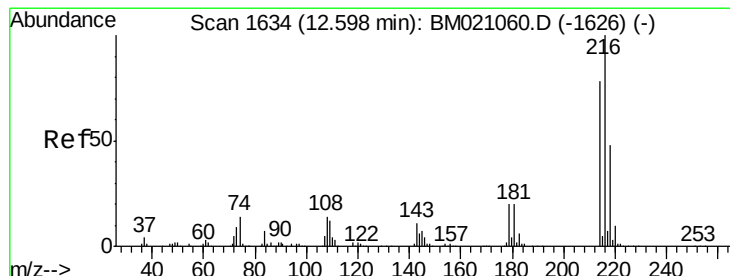
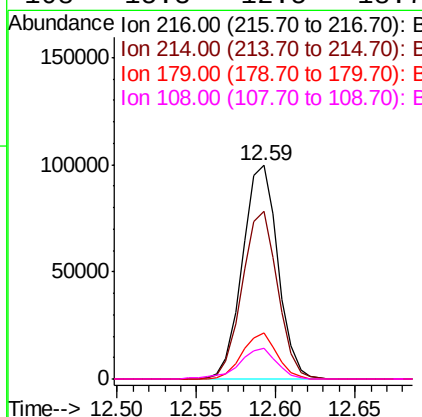
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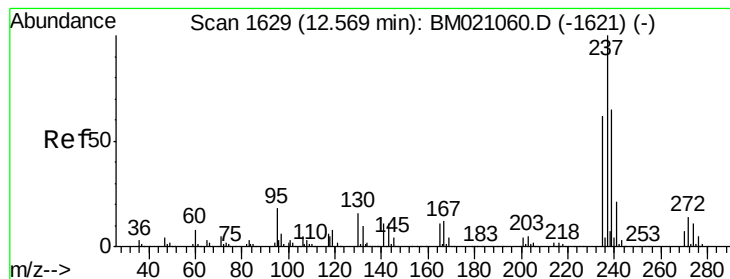
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#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 4.674 ng
 RT: 12.59 min Scan# 1633
 Delta R.T. -0.01 min
 Lab File: BM021143.D
 Acq: 24 Jun 2019 11:23

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.3	63.0	94.6
179	20.7	16.4	24.6
108	15.3	12.5	18.7





#41

Hexachlorocyclopentadiene

Concen: 2.966 ng

RT: 12.56 min Scan# 1628

Delta R.T. -0.01 min

Lab File: BM021143.D

Acq: 24 Jun 2019 11:23

Instrument :

BNA_M

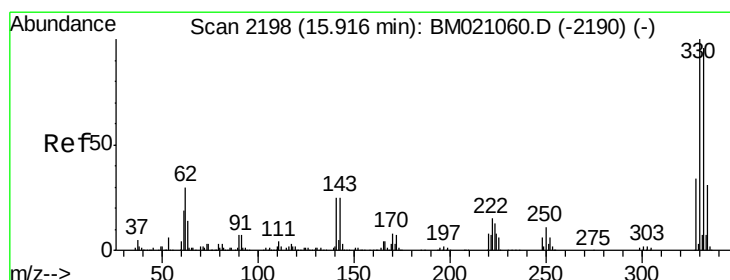
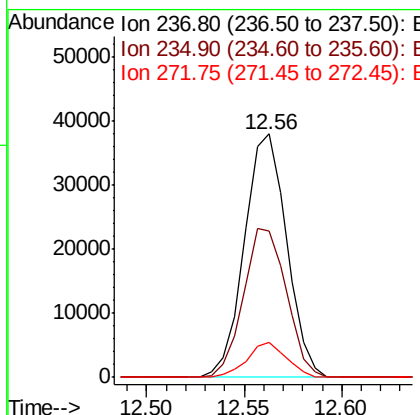
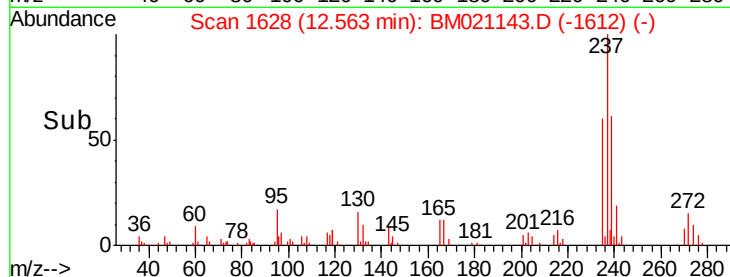
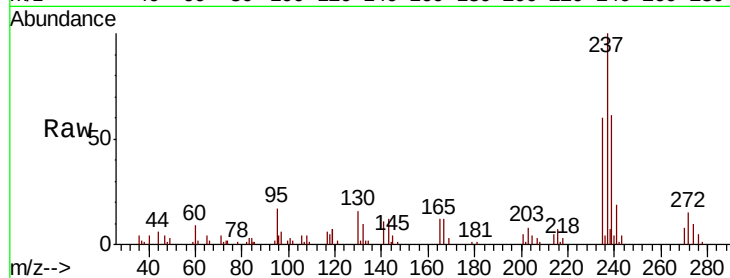
ClientSampleId :

LOD-MDL-SOIL-01-QT2-2019

Tot Ion:	237	Resp:	57061
Ion Ratio	Lower	Upper	
237	100		
235	59.9	41.7	81.7
272	14.5	0.0	34.1

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#42

2,4,6-Tribromophenol

Concen: 155.281 ng

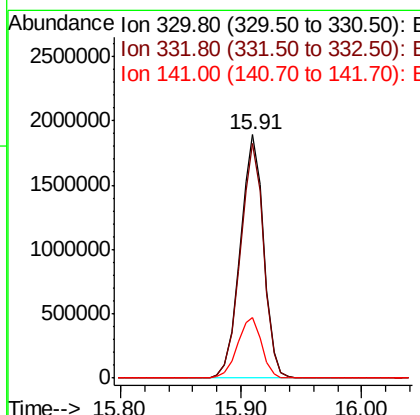
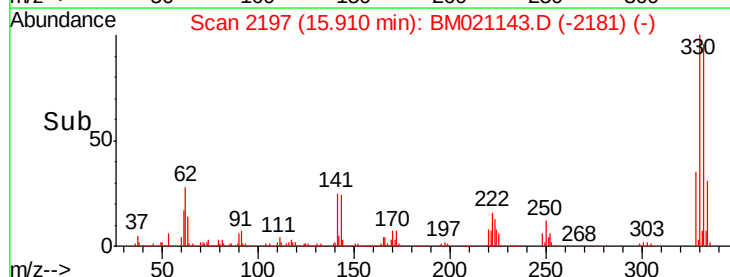
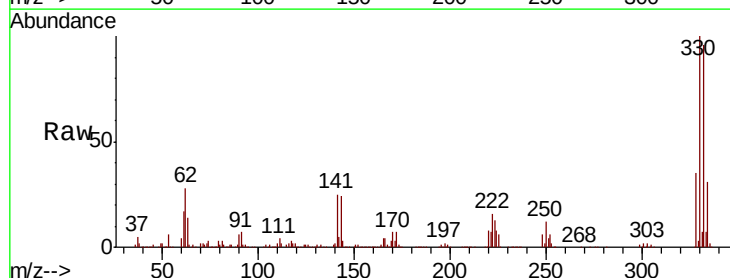
RT: 15.91 min Scan# 2197

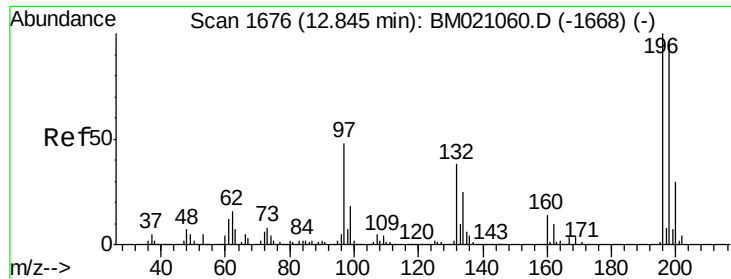
Delta R.T. -0.01 min

Lab File: BM021143.D

Acq: 24 Jun 2019 11:23

Tgt Ion:	330	Resp:	2554901
Ion Ratio	Lower	Upper	
330	100		
332	96.4	77.1	115.7
141	25.8	21.8	32.8





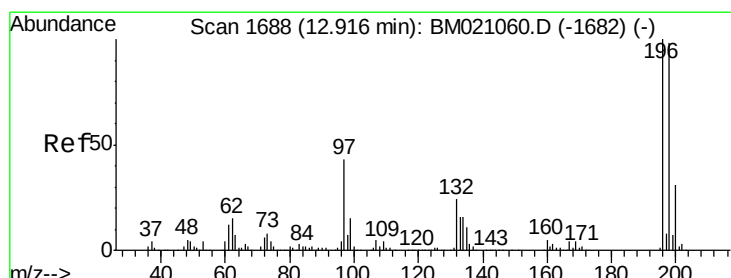
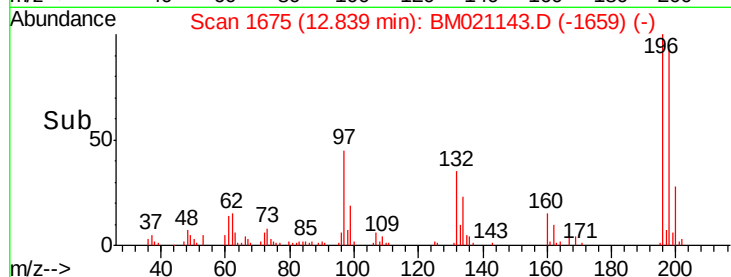
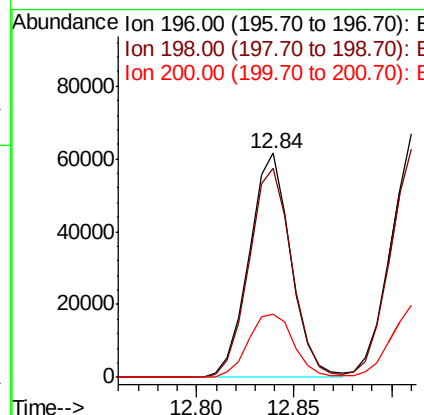
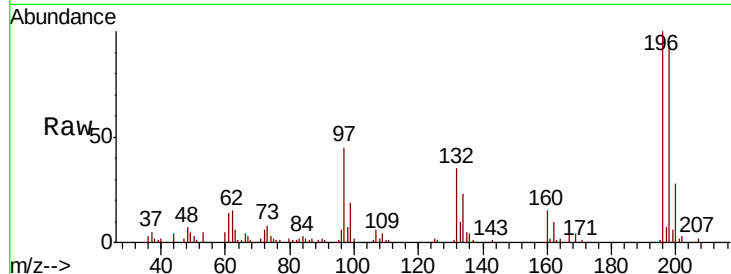
#43
 2,4,6-Trichlorophenol
 Concen: 4.148 ng
 RT: 12.84 min Scan# 1675
 Delta R.T. -0.01 min
 Lab File: BM021143.D
 Acq: 24 Jun 2019 11:23

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

Tot Ion	Ratio	Lower	Upper
196	100		
198	93.5	76.7	115.1
200	28.4	24.2	36.4

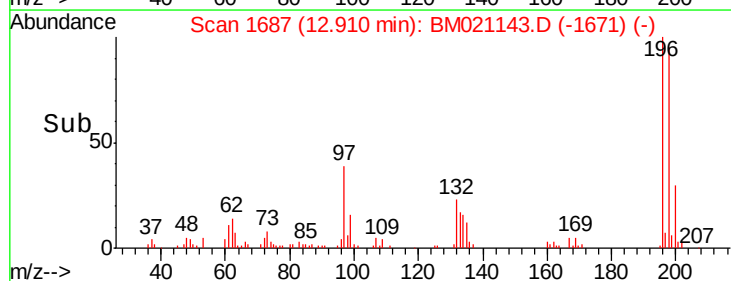
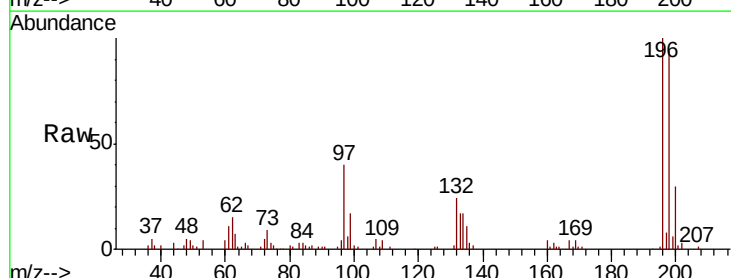
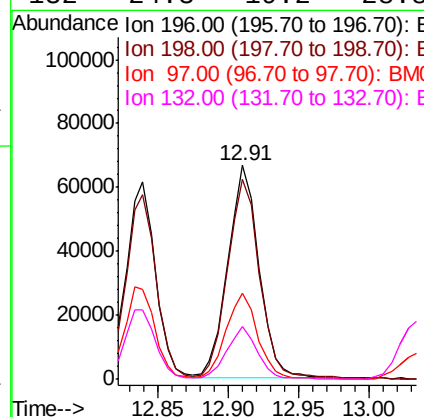
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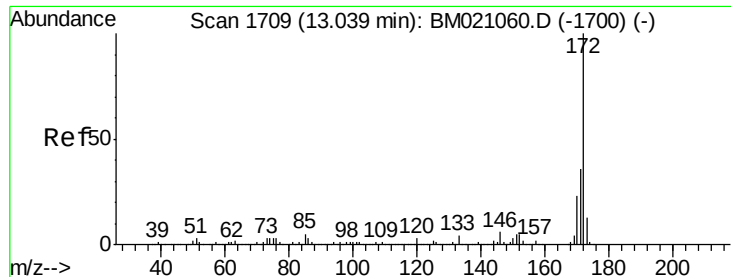
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#44
 2,4,5-Trichlorophenol
 Concen: 4.466 ng
 RT: 12.91 min Scan# 1687
 Delta R.T. -0.01 min
 Lab File: BM021143.D
 Acq: 24 Jun 2019 11:23

Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.6	78.2	117.4
97	40.4	34.1	51.1
132	24.3	19.2	28.8





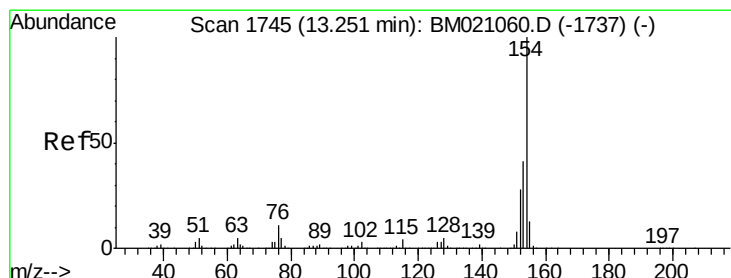
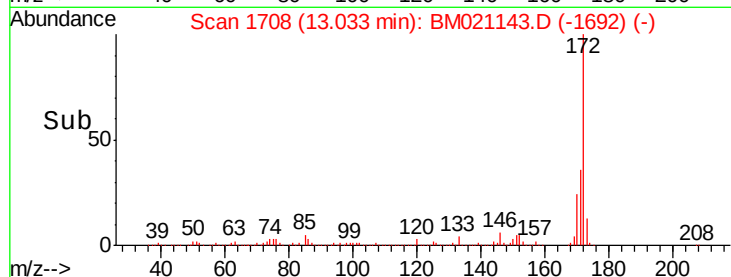
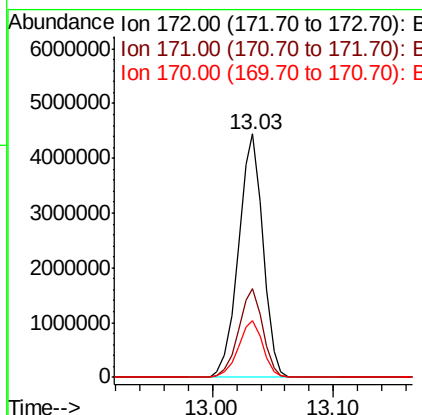
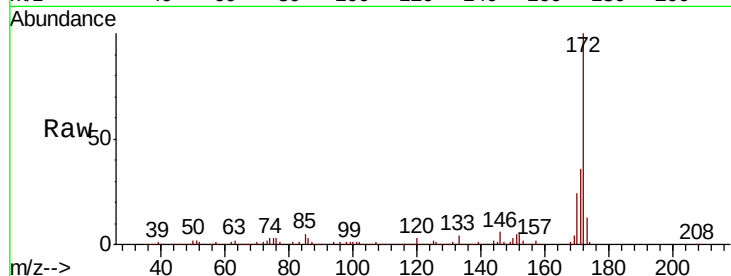
#45
2-Fluorobiphenyl
Concen: 87.740 ng
RT: 13.03 min Scan# 1708
Delta R.T. -0.01 min
Lab File: BM021143.D
Acq: 24 Jun 2019 11:23

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

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.6	43.0
170	23.6	18.7	28.1

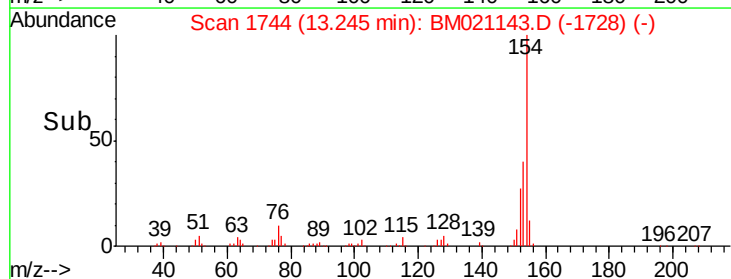
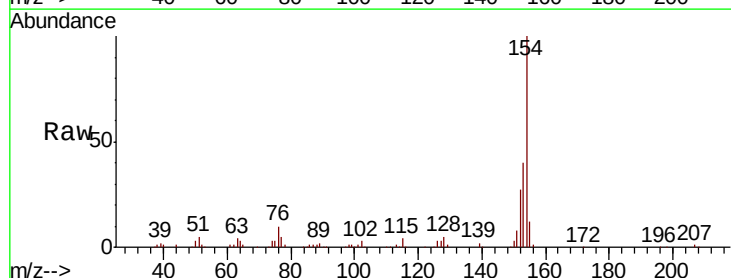
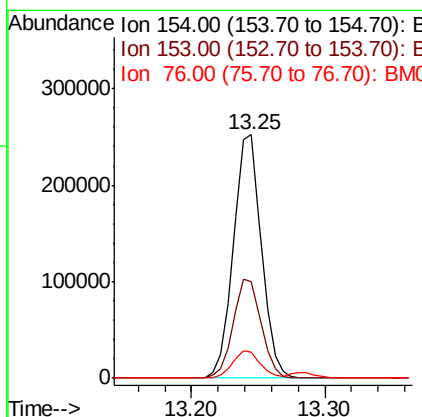
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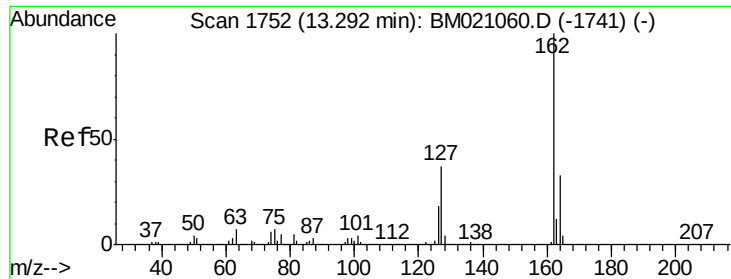
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#46
1,1'-Biphenyl
Concen: 4.907 ng
RT: 13.25 min Scan# 1744
Delta R.T. -0.01 min
Lab File: BM021143.D
Acq: 24 Jun 2019 11:23

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.8	21.3	61.3
76	10.4	0.0	30.9





#47

2-Chloronaphthalene

Concen: 4.652 ng

RT: 13.29 min Scan# 1751

Delta R.T. -0.01 min

Lab File: BM021143.D

Acq: 24 Jun 2019 11:23

Instrument :

BNA_M

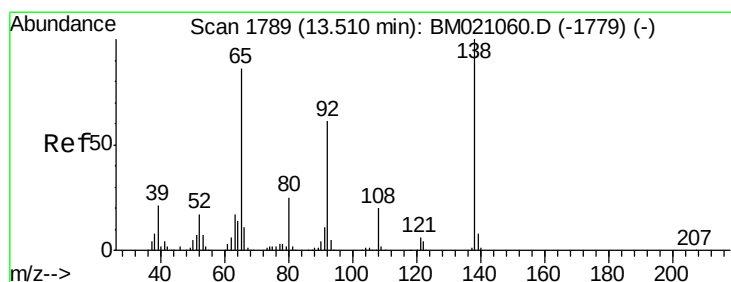
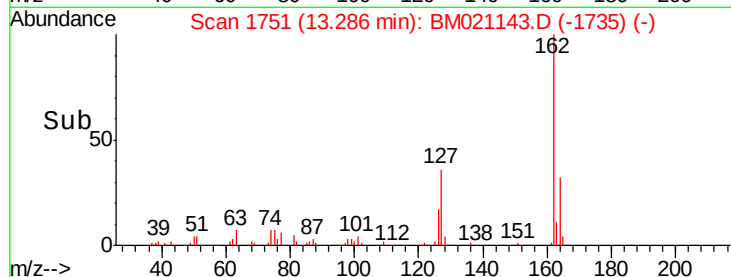
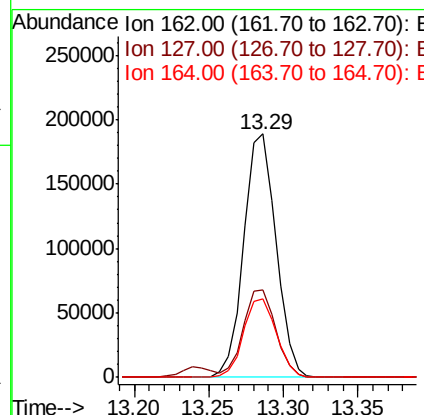
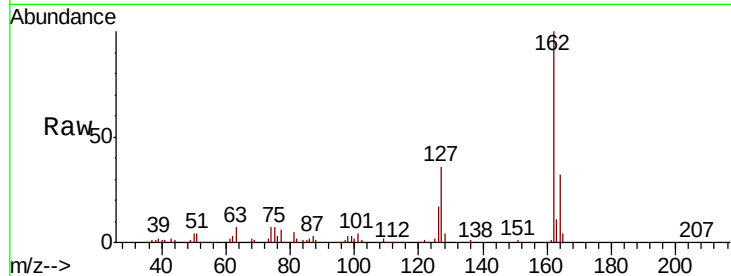
ClientSampleId :

LOD-MDL-SOIL-01-QT2-2019

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
127	36.0	29.4	44.2	
164	32.4	26.5	39.7	

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#48

2-Nitroaniline

Concen: 3.677 ng

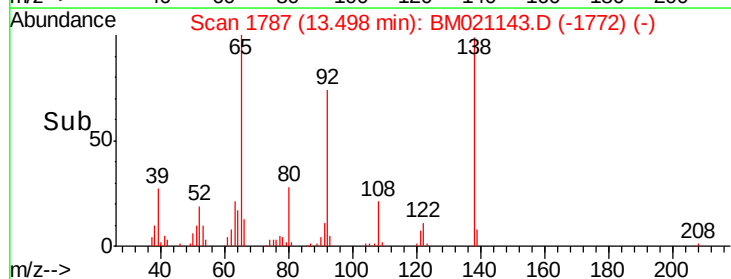
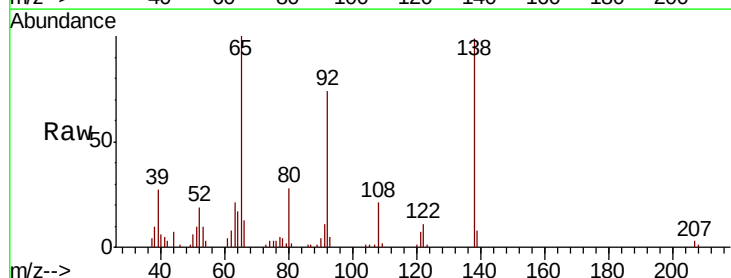
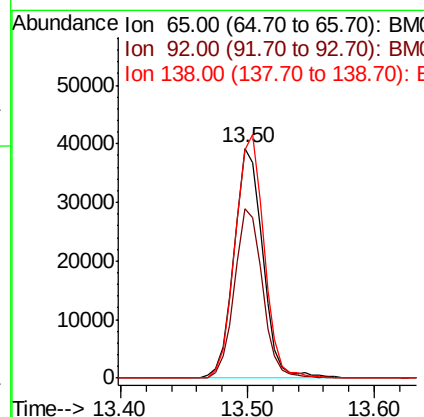
RT: 13.50 min Scan# 1787

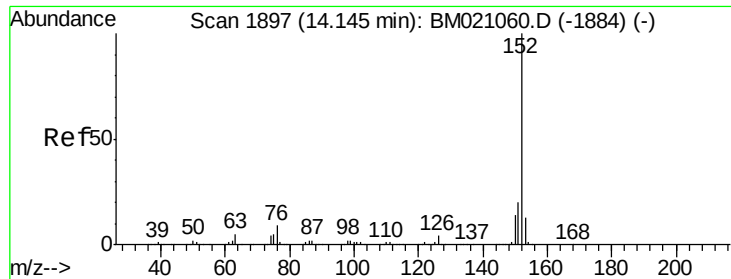
Delta R.T. -0.01 min

Lab File: BM021143.D

Acq: 24 Jun 2019 11:23

Tgt Ion	Ratio	Resp	Lower	Upper
65	100			
92	73.9	56.3	84.5	
138	99.4	92.6	139.0	





#49

Acenaphthylene

Concen: 4.747 ng

RT: 14.13 min Scan# 1895

Delta R.T. -0.01 min

Lab File: BM021143.D

Acq: 24 Jun 2019 11:23

Instrument :

BNA_M

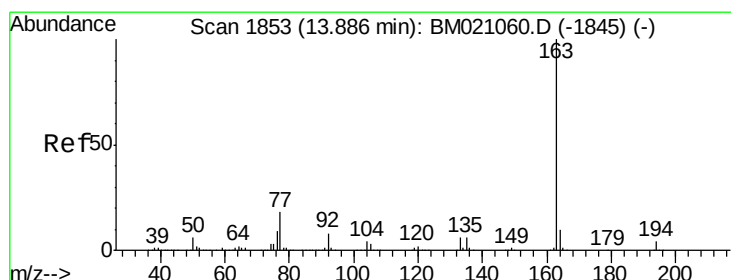
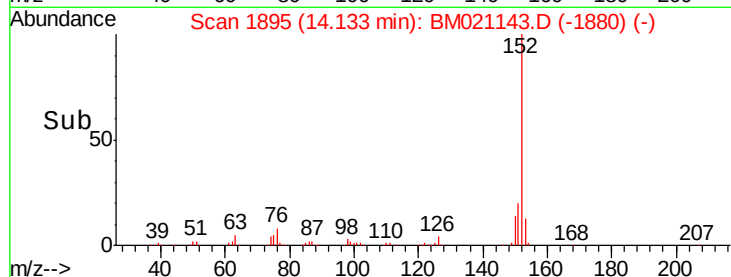
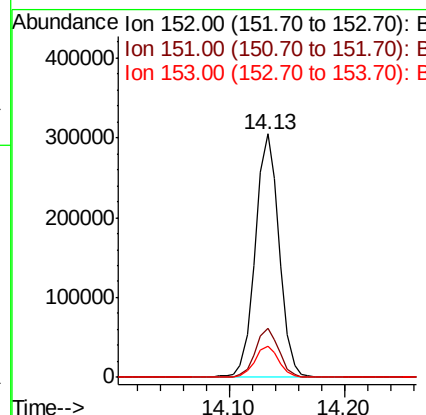
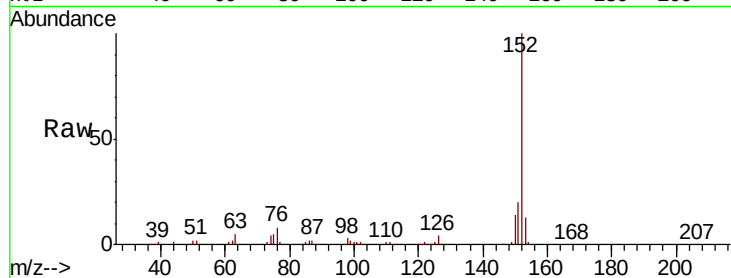
ClientSampleId :

LOD-MDL-SOIL-01-QT2-2019

Tot Ion:	152	Resp:	440291
Ion Ratio	Lower	Upper	
152	100		
151	20.0	16.1	24.1
153	13.0	10.6	16.0

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#50

Dimethylphthalate

Concen: 4.651 ng

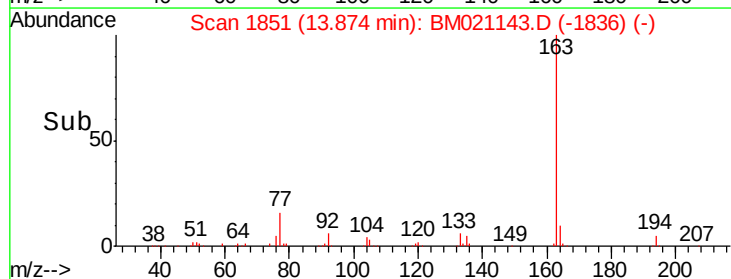
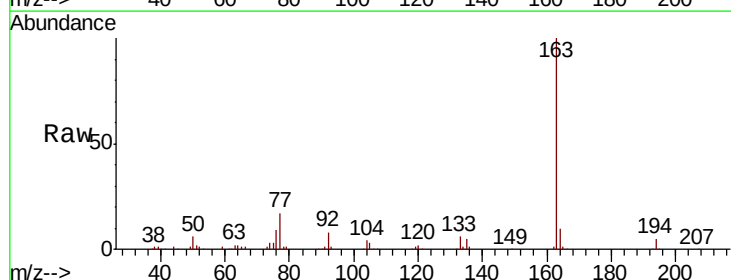
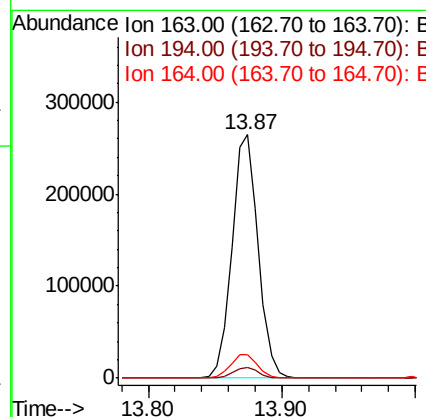
RT: 13.87 min Scan# 1851

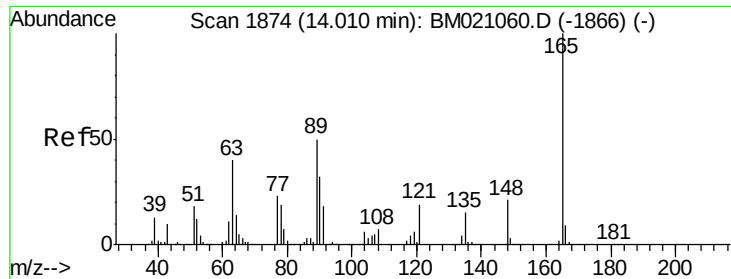
Delta R.T. -0.01 min

Lab File: BM021143.D

Acq: 24 Jun 2019 11:23

Tgt Ion:	163	Resp:	362616
Ion Ratio	Lower	Upper	
163	100		
194	4.6	3.4	5.2
164	9.9	8.2	12.2





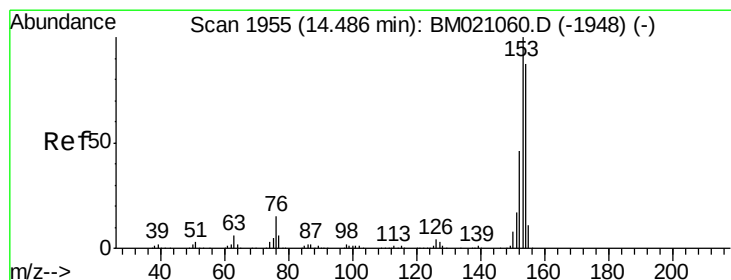
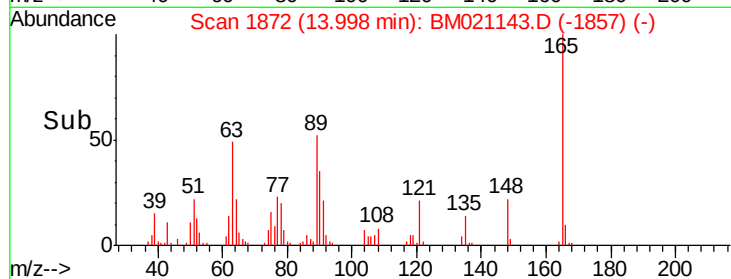
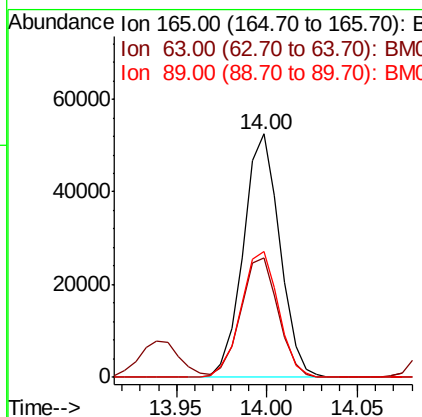
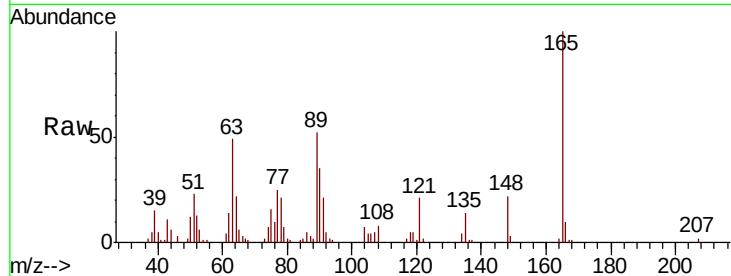
#51
 2,6-Dinitrotoluene
 Concen: 4.366 ng
 RT: 14.00 min Scan# 1872
 Delta R.T. -0.01 min
 Lab File: BM021143.D
 Acq: 24 Jun 2019 11:23

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

Tot Ion	Ratio	Lower	Upper
165	100		
63	49.1	37.8	56.6
89	51.8	39.7	59.5

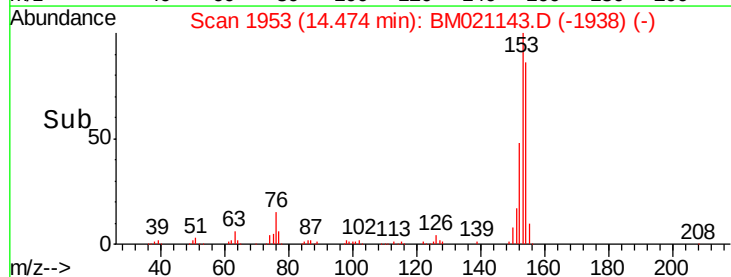
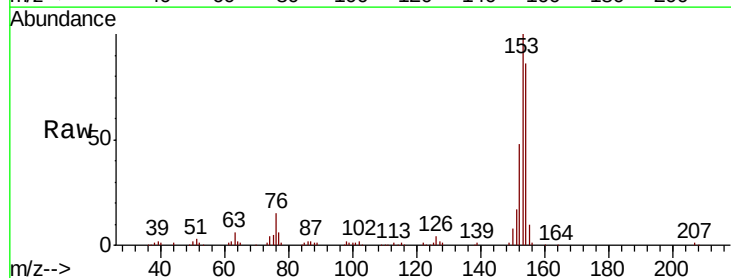
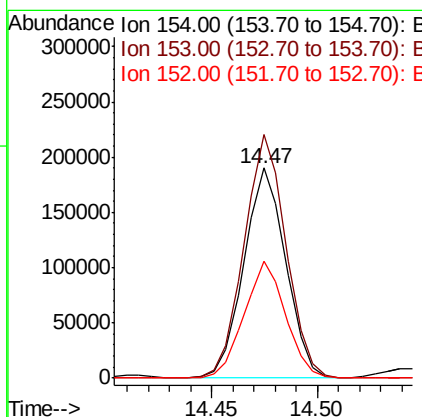
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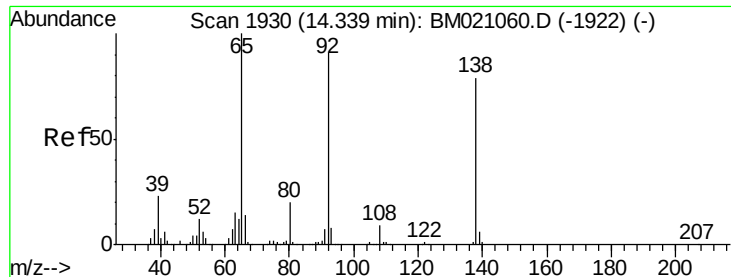
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#52
 Acenaphthene
 Concen: 4.696 ng
 RT: 14.47 min Scan# 1953
 Delta R.T. -0.01 min
 Lab File: BM021143.D
 Acq: 24 Jun 2019 11:23

Tgt Ion	Ratio	Lower	Upper
154	100		
153	116.0	91.5	137.3
152	55.6	42.3	63.5





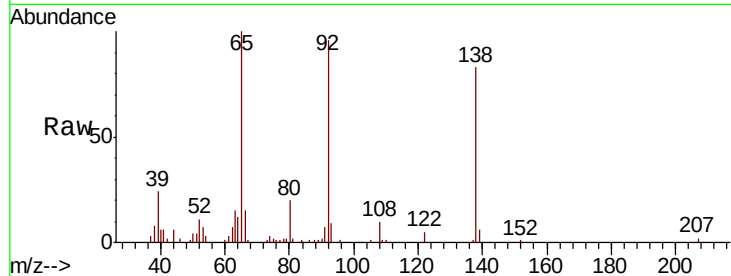
#53
3-Nitroaniline
Concen: 3.841 ng
RT: 14.33 min Scan# 1929
Delta R.T. -0.01 min
Lab File: BM021143.D
Acq: 24 Jun 2019 11:23

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

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.8	9.0	13.4
92	115.1	92.2	138.2

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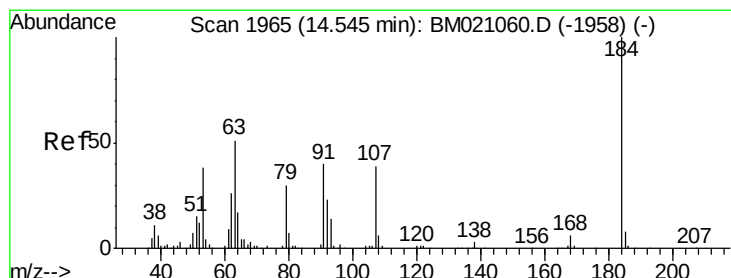
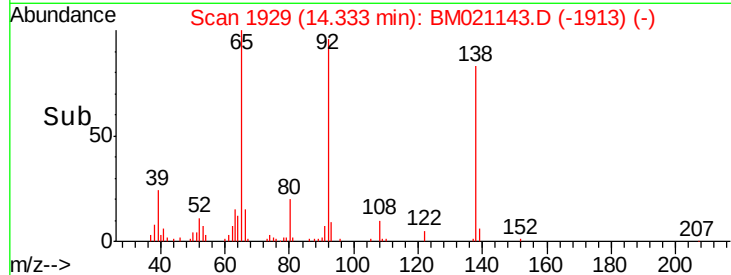
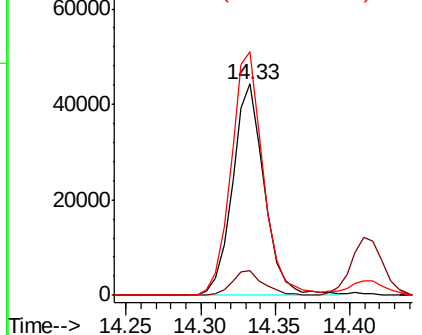


Abundance

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: 2.354 ng
RT: 14.54 min Scan# 1964
Delta R.T. -0.01 min
Lab File: BM021143.D
Acq: 24 Jun 2019 11:23

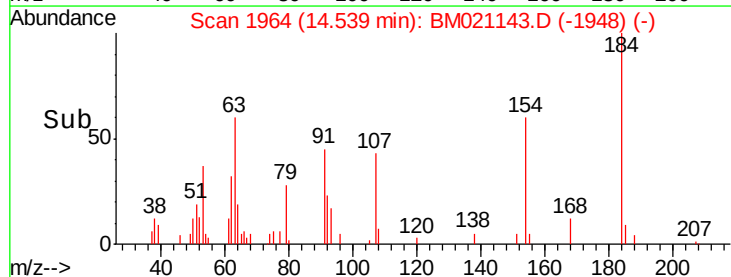
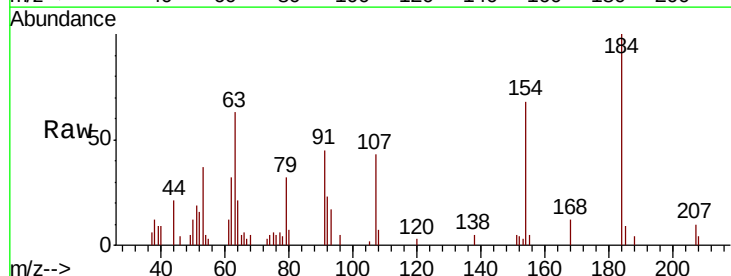
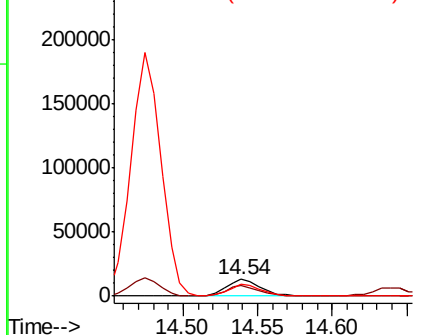
Tgt Ion	Ratio	Lower	Upper
184	100		
63	63.0	45.5	68.3
154	67.8	50.6	76.0

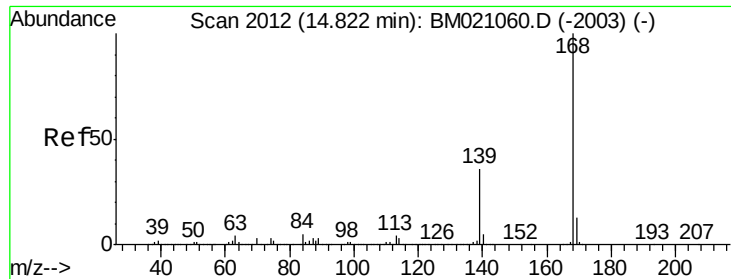
Abundance

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





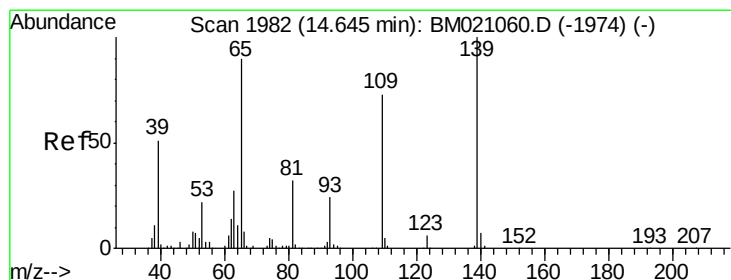
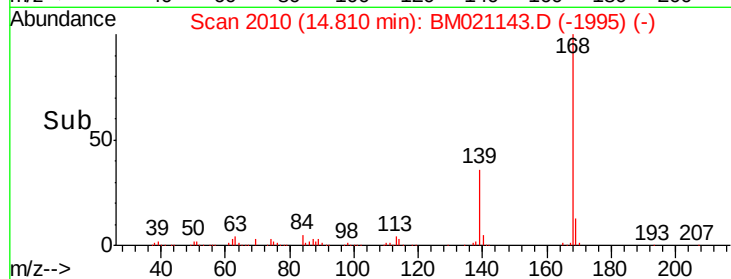
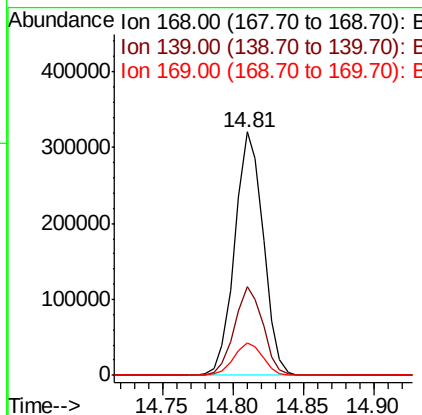
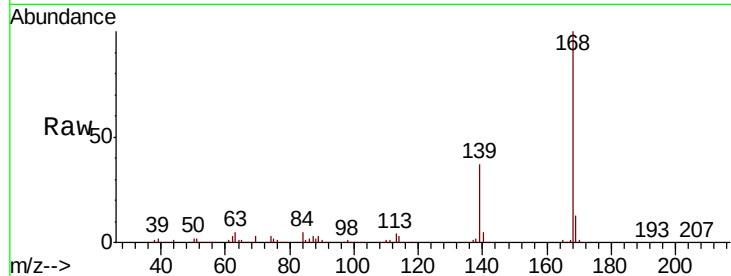
#55
Dibenzenofuran
Concen: 4.939 ng
RT: 14.81 min Scan# 2010
Delta R.T. -0.01 min
Lab File: BM021143.D
Acq: 24 Jun 2019 11:23

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

Tot Ion	Ratio	Resp	Lower	Upper
168	100	450928		
139	36.5		28.4	42.6
169	13.4		10.6	16.0

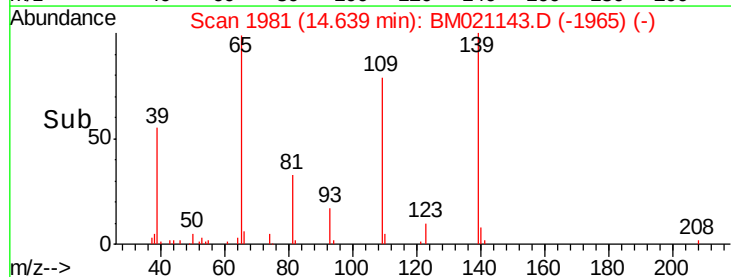
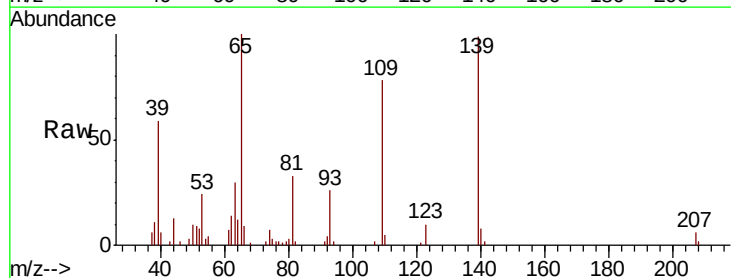
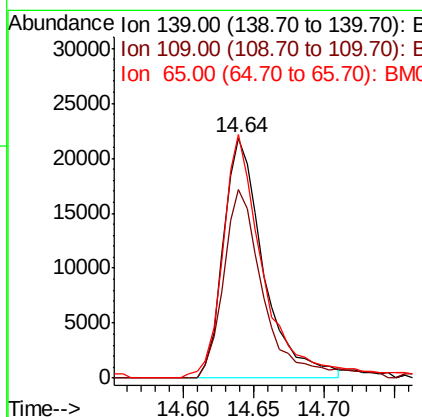
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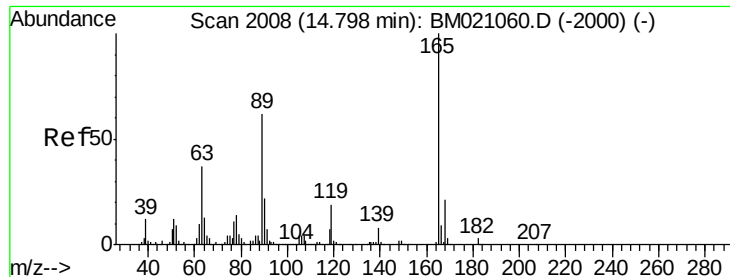
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#56
4-Nitrophenol
Concen: 3.313 ng
RT: 14.64 min Scan# 1981
Delta R.T. -0.01 min
Lab File: BM021143.D
Acq: 24 Jun 2019 11:23

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	43317		
109	78.7		53.3	93.3
65	101.5		70.3	110.3





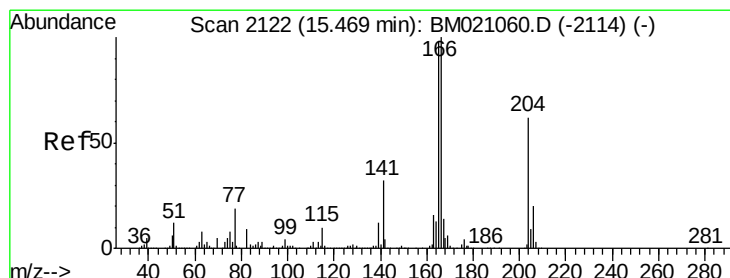
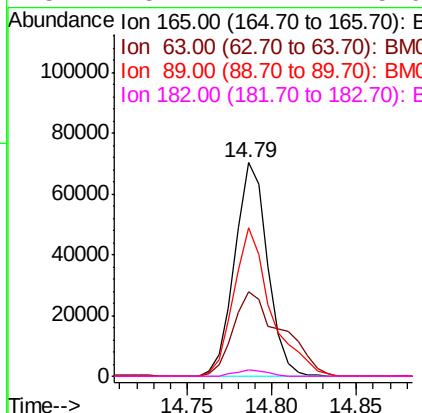
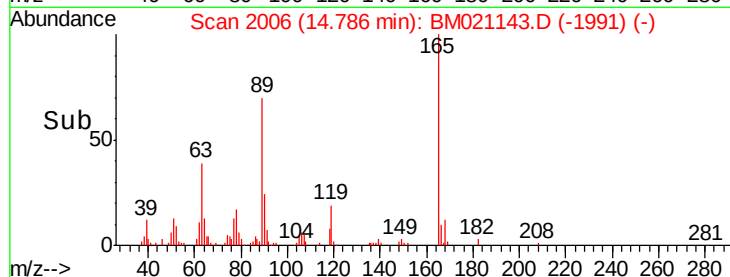
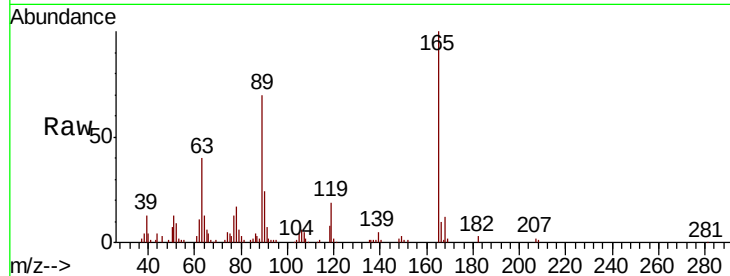
#57
 2,4-Dinitrotoluene
 Concen: 4.113 ng
 RT: 14.79 min Scan# 2006
 Delta R.T. -0.01 min
 Lab File: BM021143.D
 Acq: 24 Jun 2019 11:23

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

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		95251		
63	39.8	29.6	44.4		
89	69.6	49.5	74.3		
182	3.1	2.4	3.6		

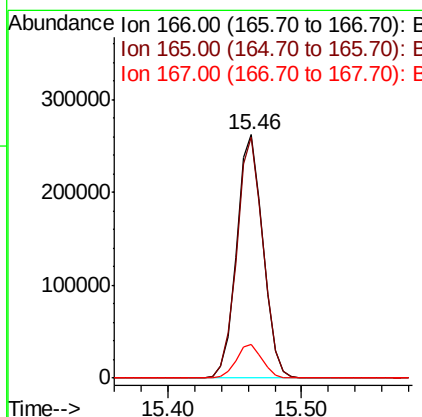
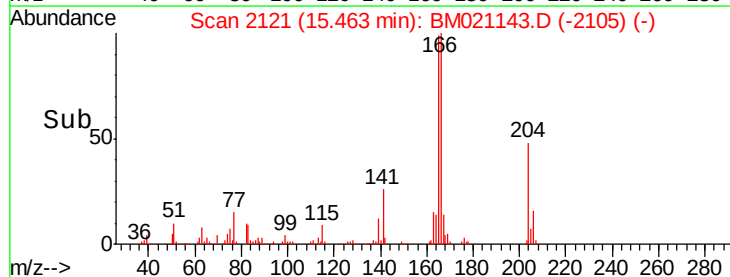
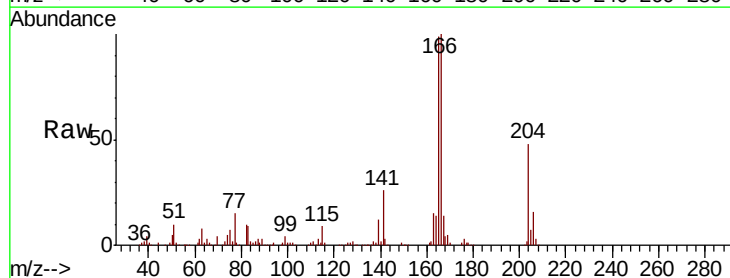
Manual Integrations
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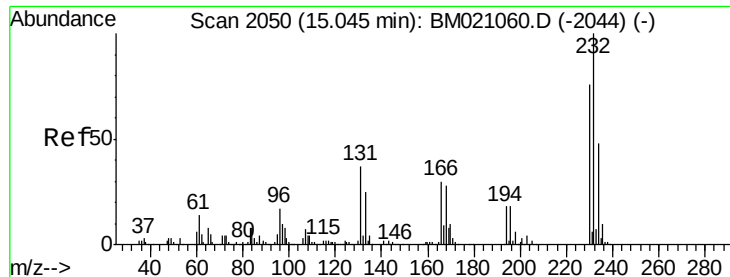
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#58
 Fluorene
 Concen: 4.802 ng
 RT: 15.46 min Scan# 2121
 Delta R.T. -0.01 min
 Lab File: BM021143.D
 Acq: 24 Jun 2019 11:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		358182		
165	99.1	78.6	117.8		
167	13.9	10.9	16.3		





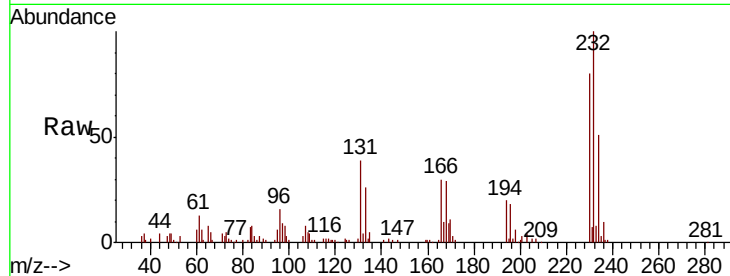
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 4.512 ng
 RT: 15.04 min Scan# 2049
 Delta R.T. -0.01 min
 Lab File: BM021143.D
 Acq: 24 Jun 2019 11:23

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

Tot Ion	Ratio	Lower	Upper
232	100		
131	40.5	30.6	46.0
130	2.1	1.7	2.5
166	30.3	23.4	35.0

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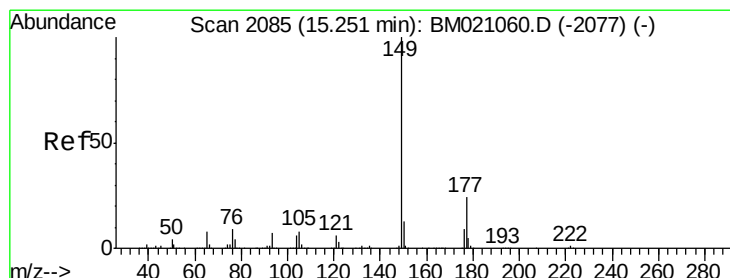
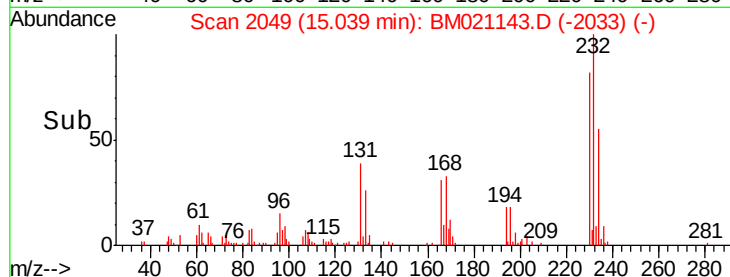
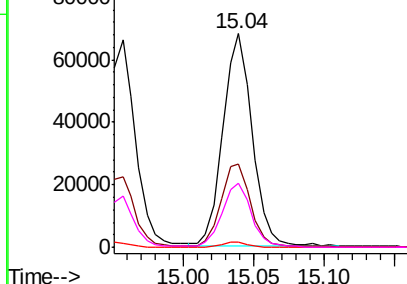
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

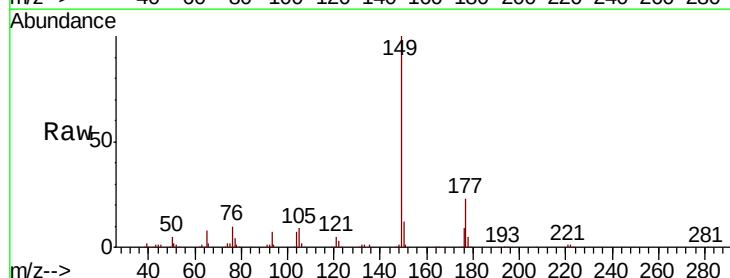
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 4.607 ng
 RT: 15.24 min Scan# 2083
 Delta R.T. -0.01 min
 Lab File: BM021143.D
 Acq: 24 Jun 2019 11:23

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.6	19.1	28.7
150	12.0	10.1	15.1

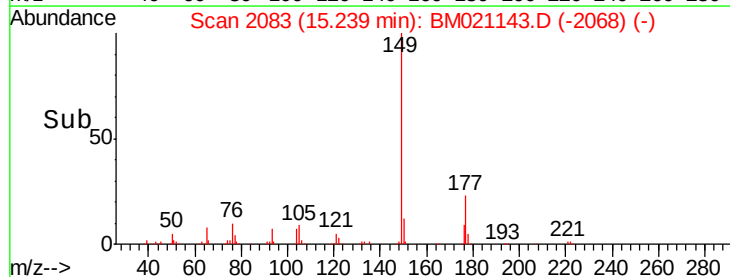
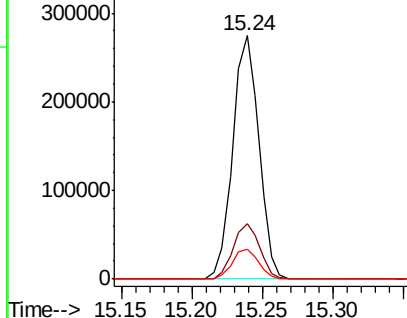


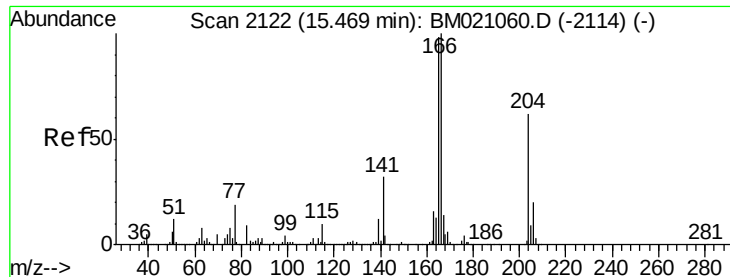
Abundance

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





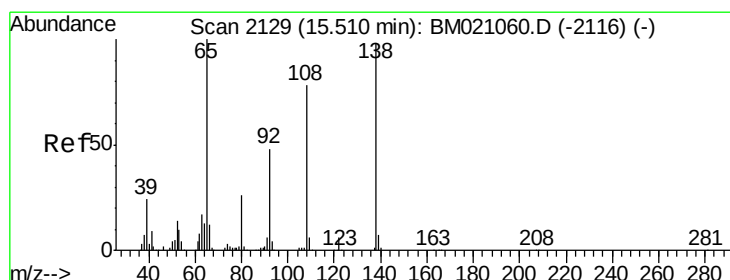
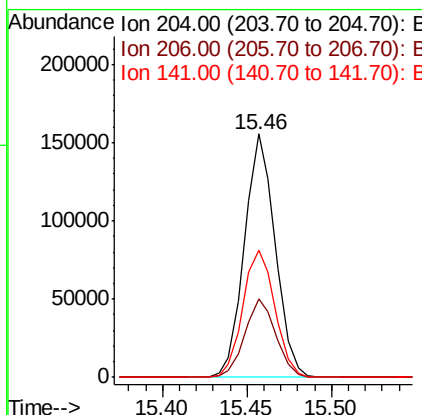
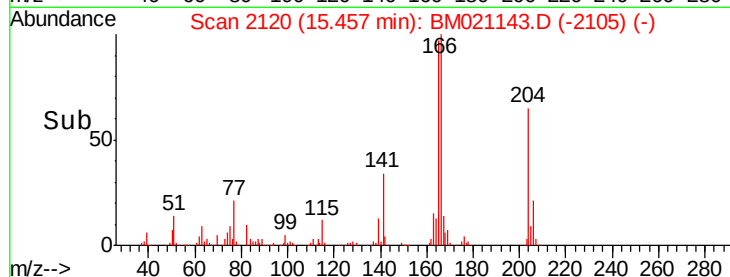
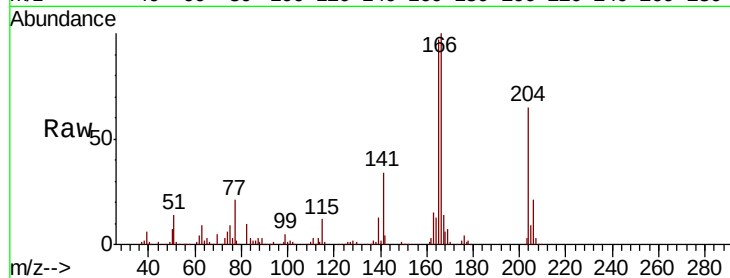
#61
4-Chlorophenyl-phenylether
Concen: 4.697 ng
RT: 15.46 min Scan# 2120
Delta R.T. -0.01 min
Lab File: BM021143.D
Acq: 24 Jun 2019 11:23

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

Tot Ion	Ratio	Resp	Lower	Upper
204	100	197949		
206	32.5	26.1	39.1	
141	52.0	40.7	61.1	

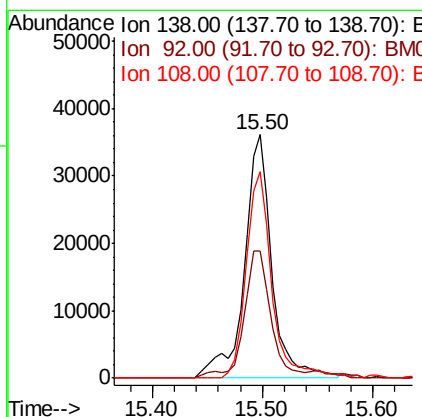
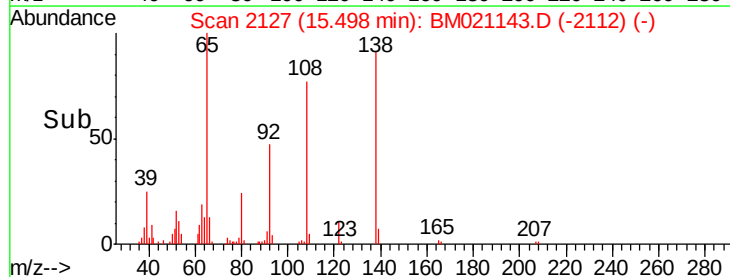
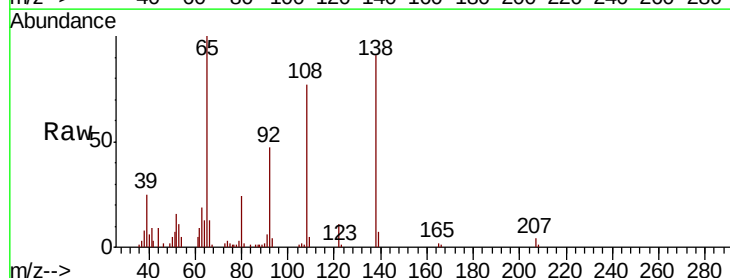
Manual Integrations
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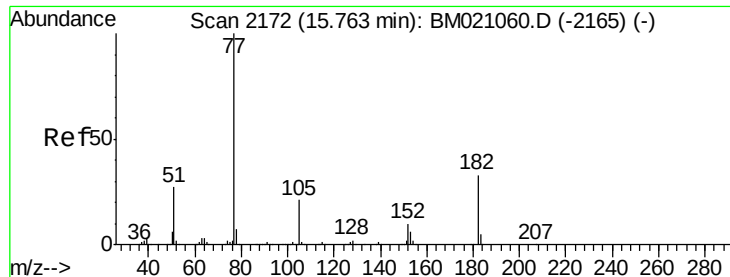
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#62
4-Nitroaniline
Concen: 3.515 ng
RT: 15.50 min Scan# 2127
Delta R.T. -0.01 min
Lab File: BM021143.D
Acq: 24 Jun 2019 11:23

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	63074		
92	52.1	29.1	69.1	
108	84.7	59.2	99.2	





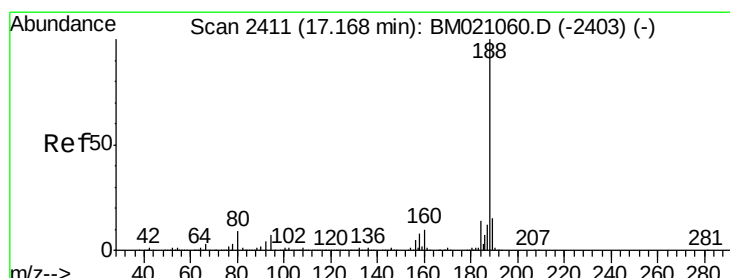
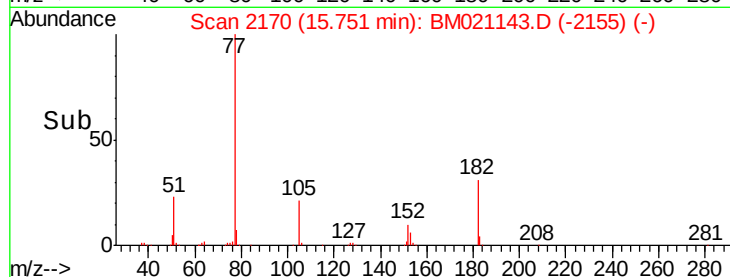
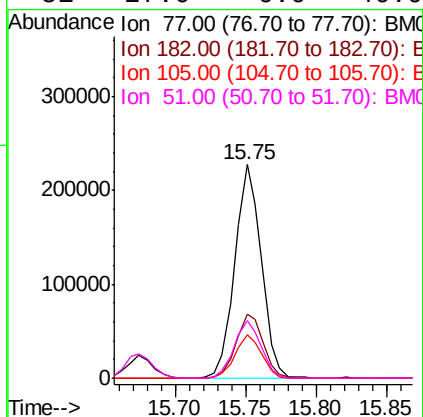
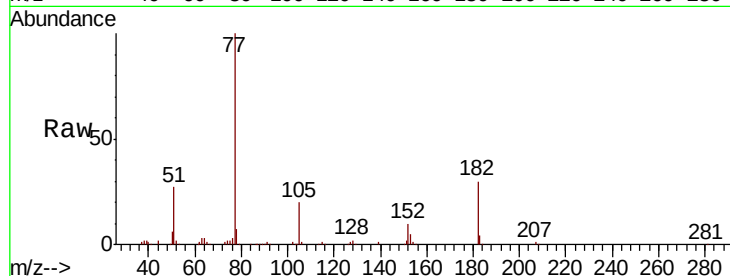
#63
Azobenzene
Concen: 4.687 ng
RT: 15.75 min Scan# 2170
Delta R.T. -0.01 min
Lab File: BM021143.D
Acq: 24 Jun 2019 11:23

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

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		295188		
182	29.9	12.6	52.6		
105	20.2	1.1	41.1		
51	27.0	6.9	46.9		

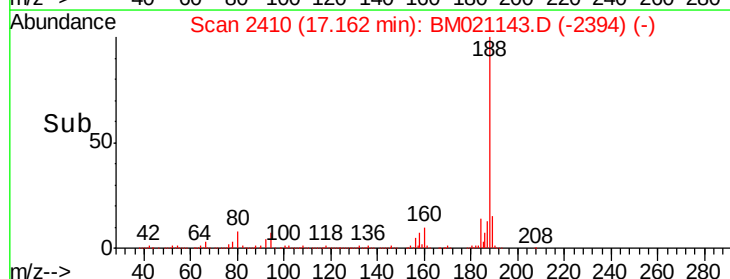
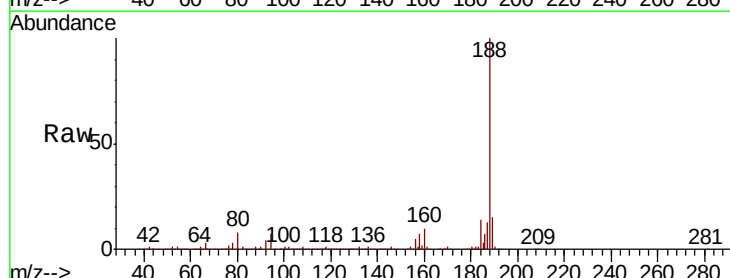
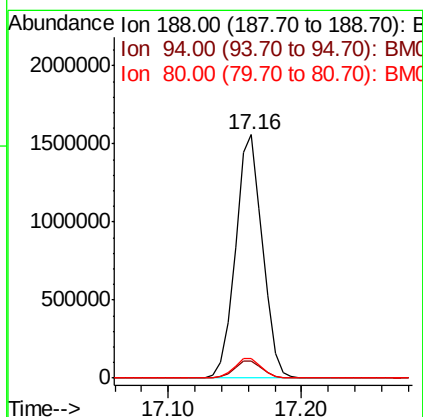
Manual Integrations
APPROVED

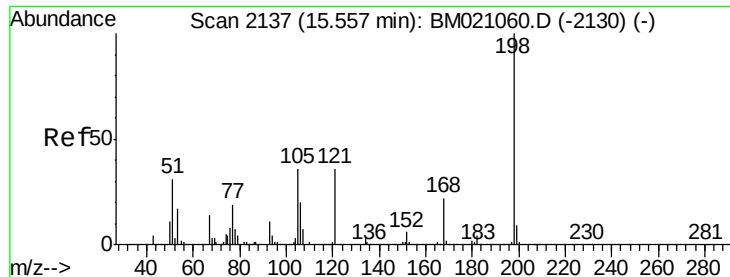
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.16 min Scan# 2410
Delta R.T. -0.01 min
Lab File: BM021143.D
Acq: 24 Jun 2019 11:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		2166802		
94	7.1	5.8	8.8		
80	8.0	6.9	10.3		





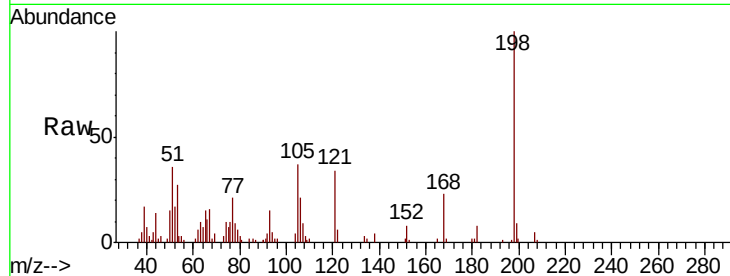
#65
4,6-Dinitro-2-methylphenol
Concen: 3.075 ng
RT: 15.55 min Scan# 2136
Delta R.T. -0.01 min
Lab File: BM021143.D
Acq: 24 Jun 2019 11:23

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

Tot Ion	Ratio	Lower	Upper
198	100		
51	36.1	15.3	55.3
105	37.3	16.8	56.8

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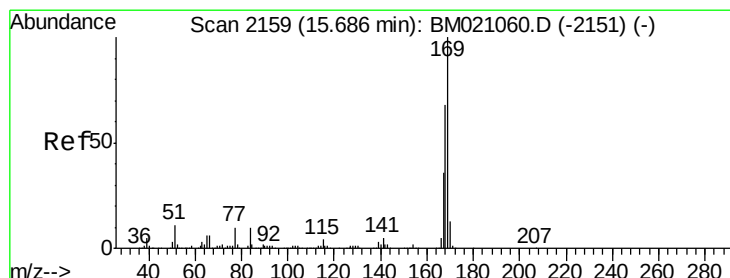
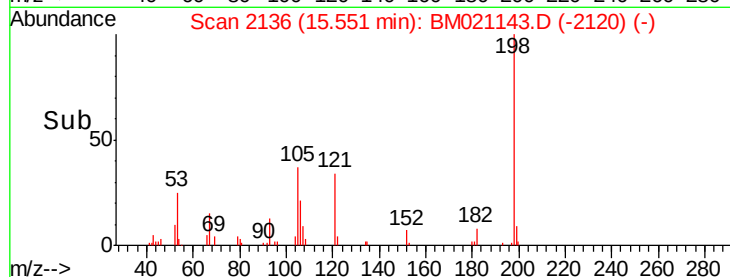
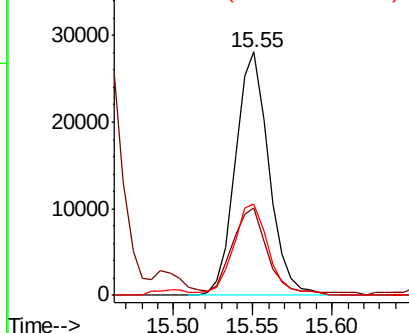


Abundance

Ion 198.00 (197.70 to 198.70): E

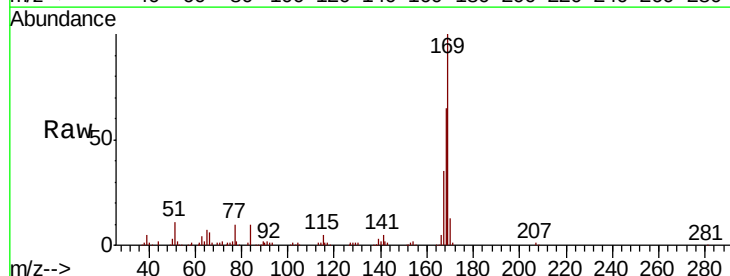
Ion 51.00 (50.70 to 51.70): BM

Ion 105.00 (104.70 to 105.70): E



#66
n-Nitrosodiphenylamine
Concen: 4.531 ng
RT: 15.67 min Scan# 2157
Delta R.T. -0.01 min
Lab File: BM021143.D
Acq: 24 Jun 2019 11:23

Tgt Ion	Ratio	Lower	Upper
169	100		
168	65.5	54.5	81.7
167	35.4	29.0	43.6

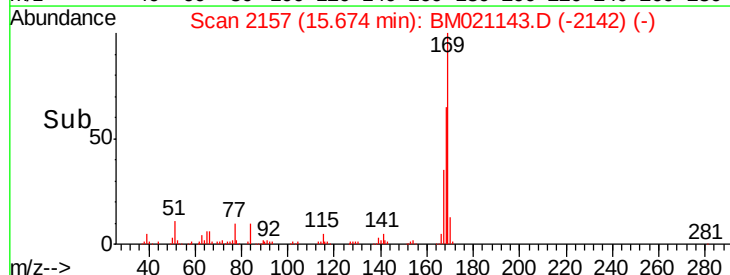
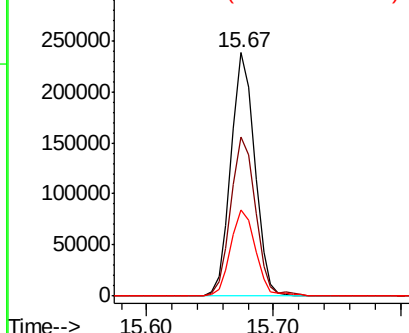


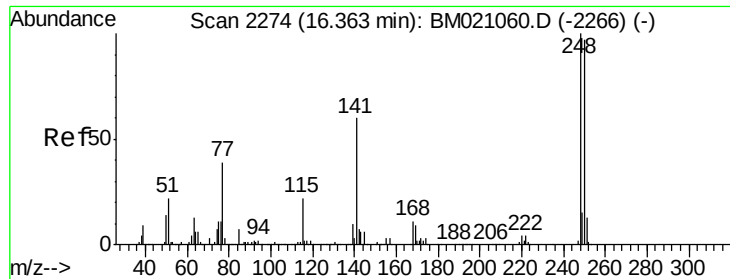
Abundance

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





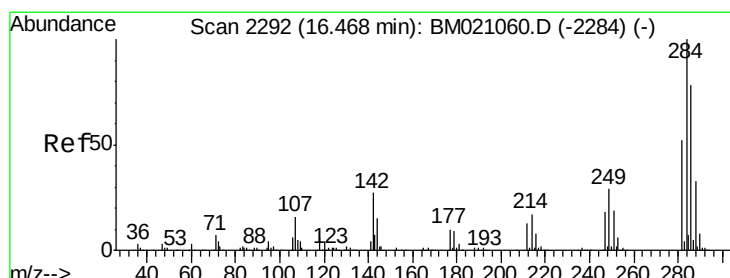
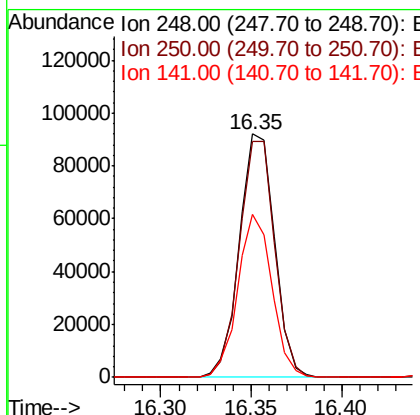
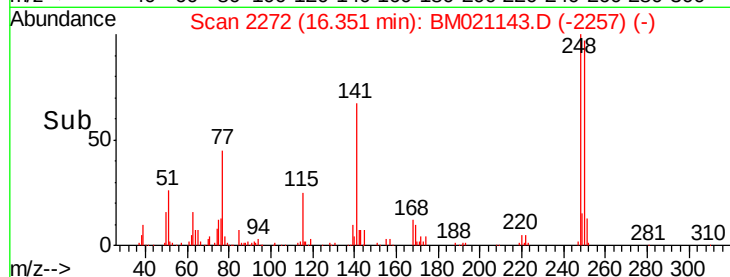
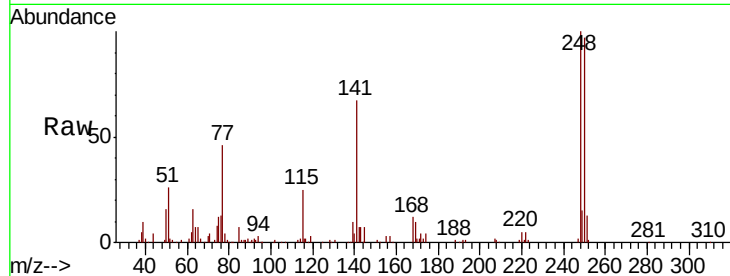
#67
4-Bromophenyl-phenylether
Concen: 4.312 ng
RT: 16.35 min Scan# 2272
Delta R.T. -0.01 min
Lab File: BM021143.D
Acq: 24 Jun 2019 11:23

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

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.9	77.5	116.3
141	67.2	47.8	71.6

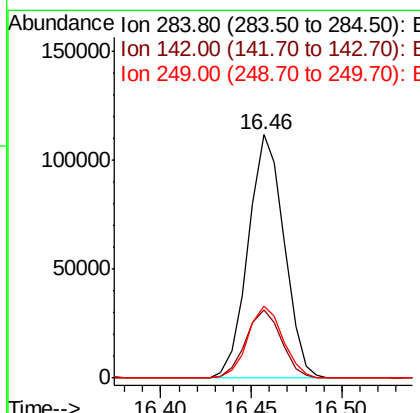
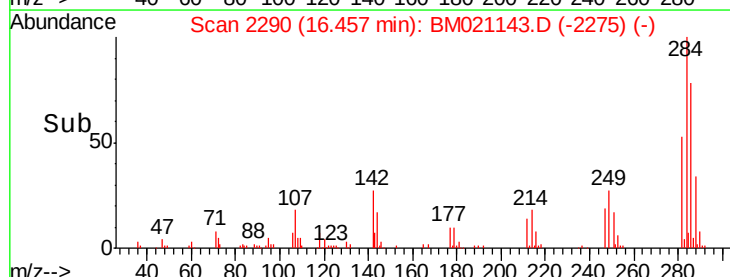
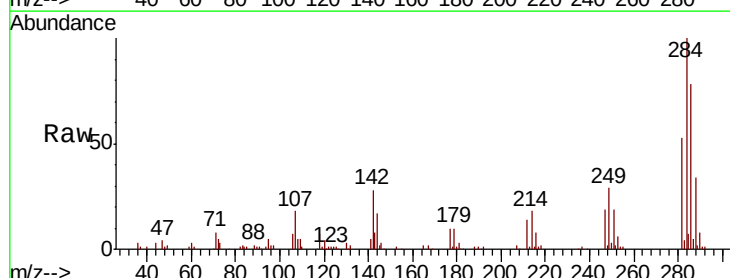
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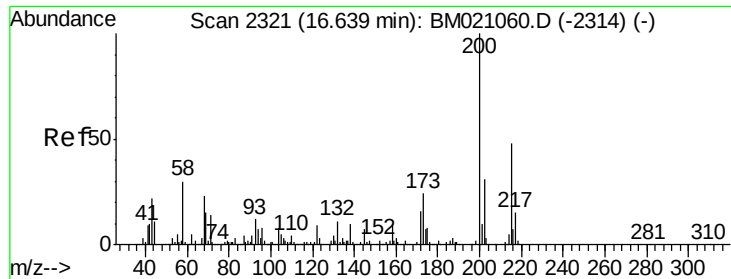
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#68
Hexachlorobenzene
Concen: 4.470 ng
RT: 16.46 min Scan# 2290
Delta R.T. -0.01 min
Lab File: BM021143.D
Acq: 24 Jun 2019 11:23

Tgt Ion	Ratio	Lower	Upper
284	100		
142	28.2	21.2	31.8
249	29.4	23.4	35.0





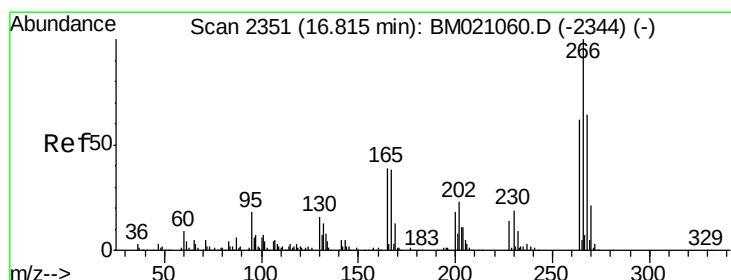
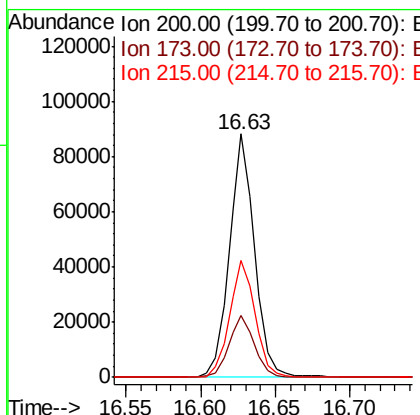
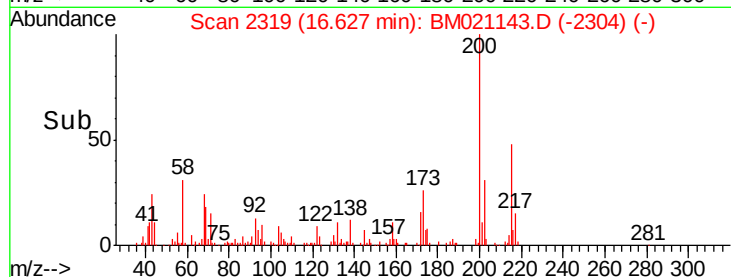
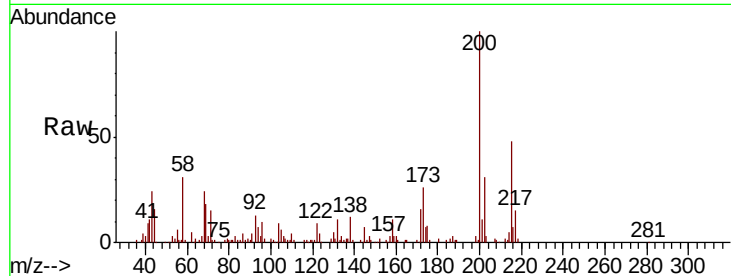
#69
Atrazine
Concen: 4.688 ng
RT: 16.63 min Scan# 2319
Delta R.T. -0.01 min
Lab File: BM021143.D
Acq: 24 Jun 2019 11:23

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

Tot Ion	Ratio	Resp	Lower	Upper
200	100	104126		
173	25.6	4.3	44.3	
215	47.9	28.2	68.2	

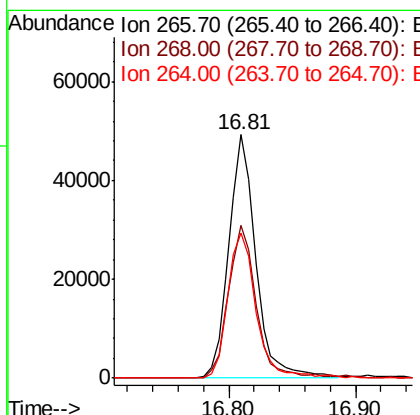
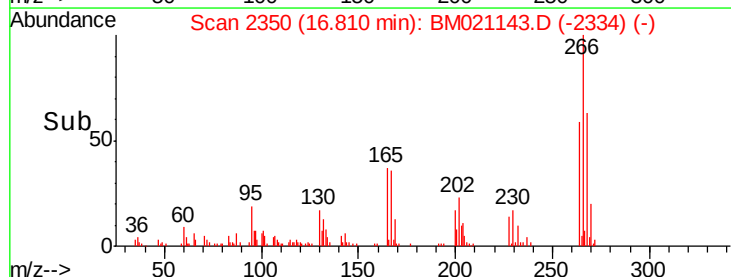
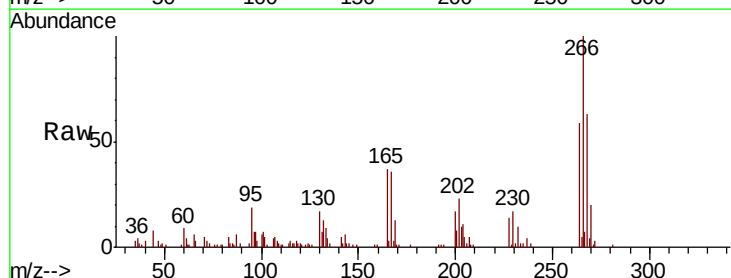
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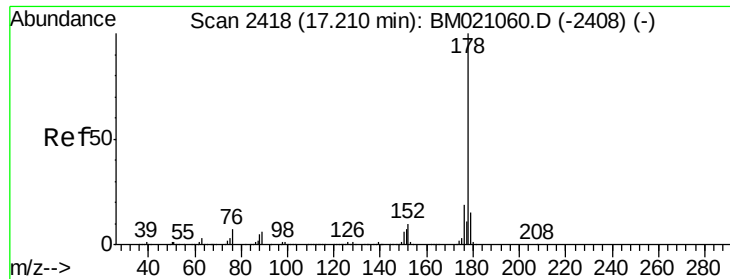
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#70
Pentachlorophenol
Concen: 3.911 ng
RT: 16.81 min Scan# 2350
Delta R.T. -0.01 min
Lab File: BM021143.D
Acq: 24 Jun 2019 11:23

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	72616		
268	62.9	51.0	76.4	
264	59.5	49.9	74.9	





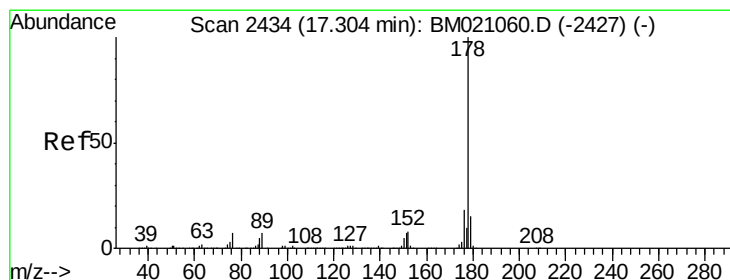
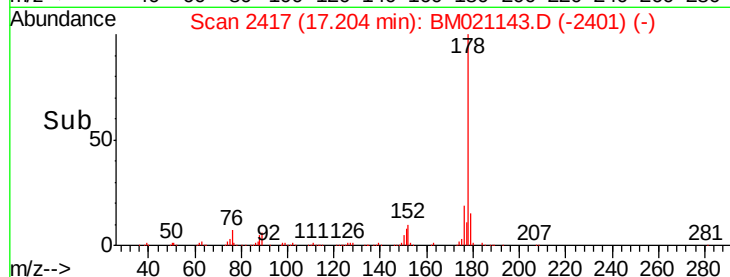
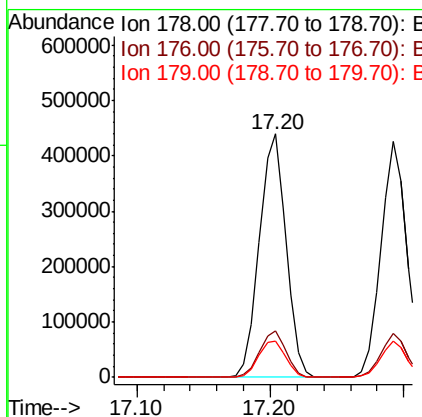
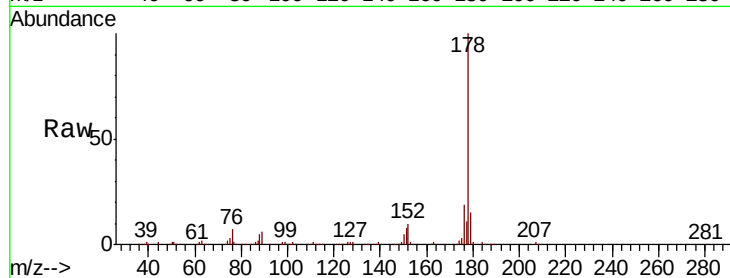
#71
Phenanthrene
Concen: 4.852 ng
RT: 17.20 min Scan# 2417
Delta R.T. -0.01 min
Lab File: BM021143.D
Acq: 24 Jun 2019 11:23

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

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.2	22.8
179	14.9	12.2	18.4

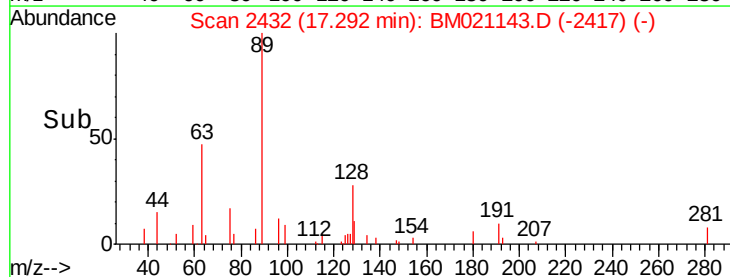
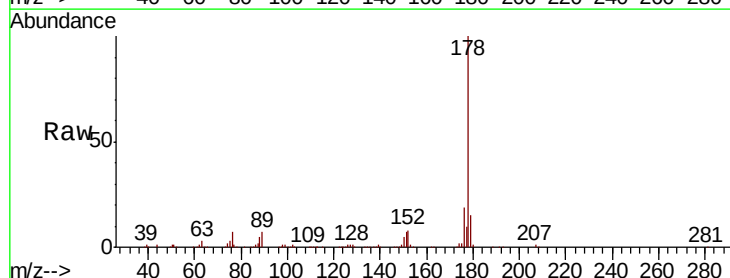
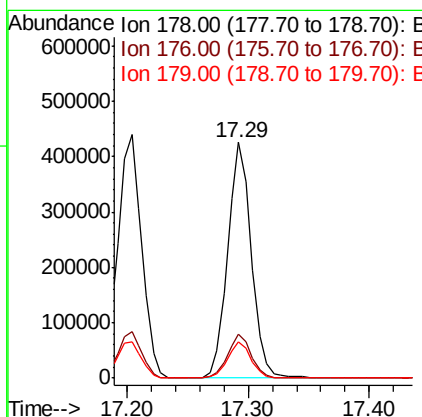
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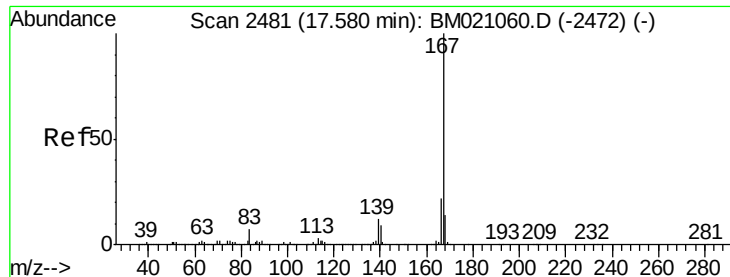
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#72
Anthracene
Concen: 4.654 ng
RT: 17.29 min Scan# 2432
Delta R.T. -0.01 min
Lab File: BM021143.D
Acq: 24 Jun 2019 11:23

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.7	22.1
179	15.2	12.2	18.2





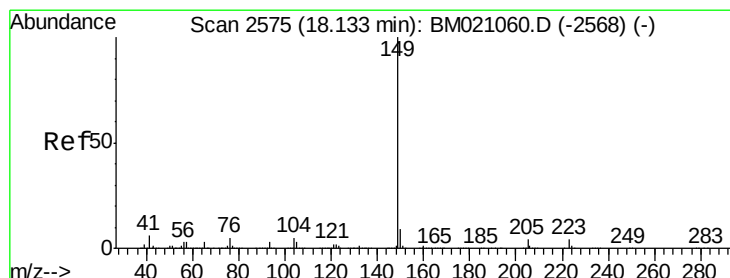
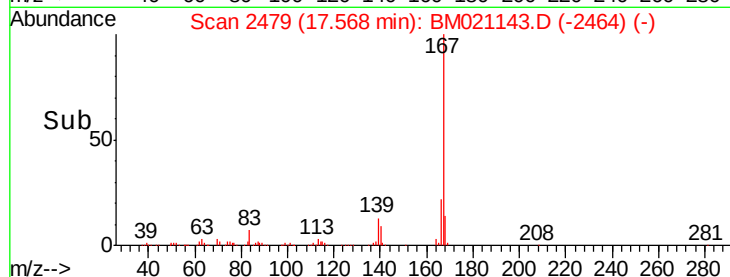
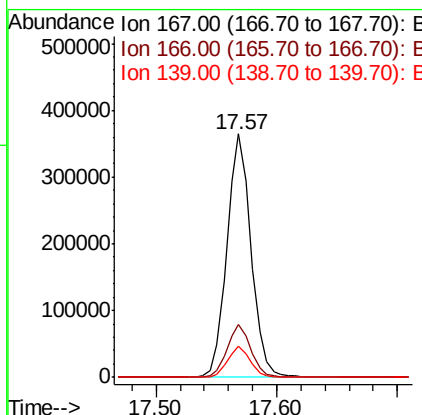
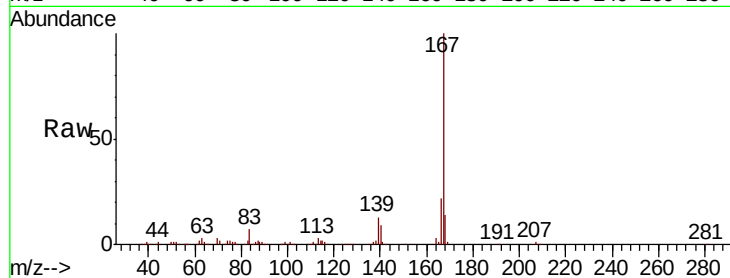
#73
 Carbazole
 Concen: 4.628 ng
 RT: 17.57 min Scan# 2479
 Delta R.T. -0.01 min
 Lab File: BM021143.D
 Acq: 24 Jun 2019 11:23

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

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.4	26.2
139	12.5	9.7	14.5

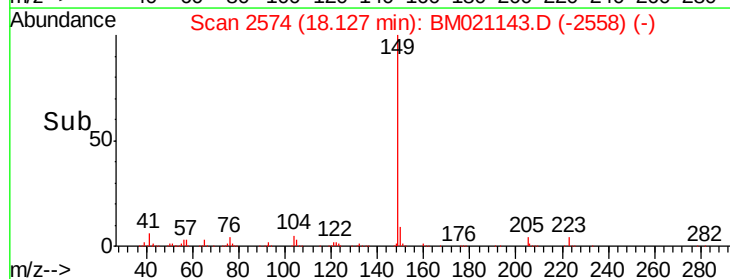
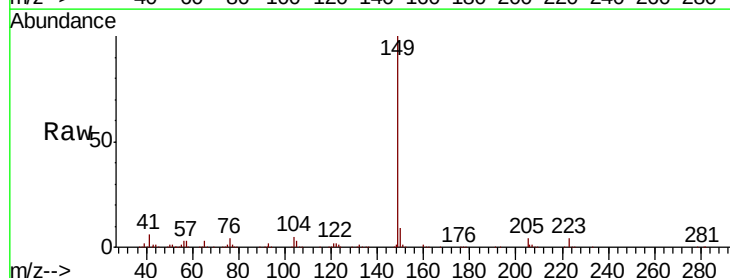
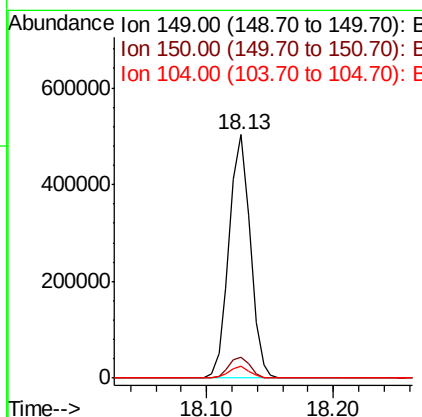
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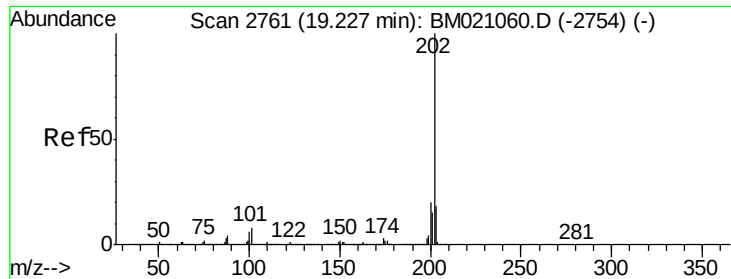
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#74
 Di-n-butylphthalate
 Concen: 4.342 ng
 RT: 18.13 min Scan# 2574
 Delta R.T. -0.01 min
 Lab File: BM021143.D
 Acq: 24 Jun 2019 11:23

Tgt Ion	Ratio	Lower	Upper
149	100		
150	8.7	7.4	11.0
104	4.7	3.8	5.8





#75

Fluoranthene

Concen: 4.909 ng

RT: 19.22 min Scan# 2759

Delta R.T. -0.01 min

Lab File: BM021143.D

Acq: 24 Jun 2019 11:23

Instrument :

BNA_M

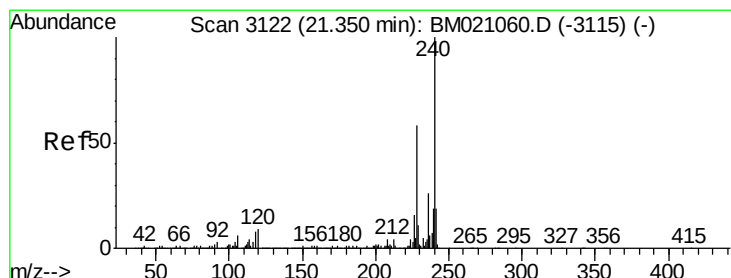
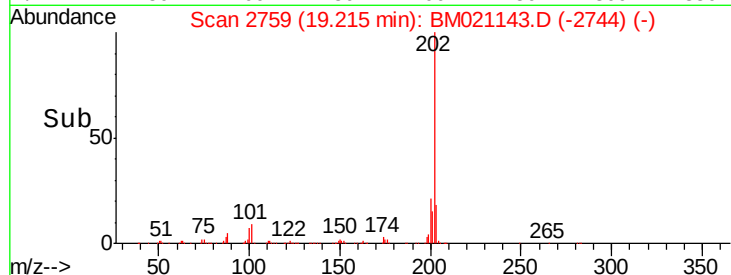
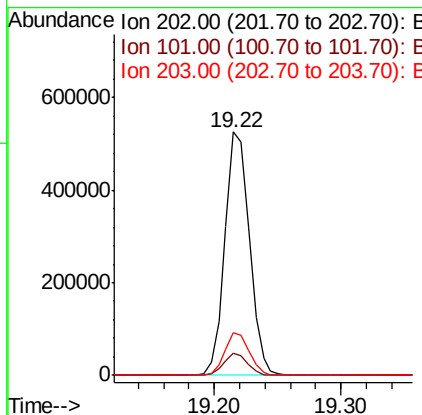
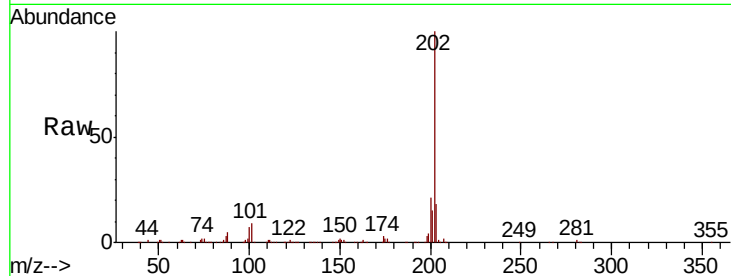
ClientSampleId :

LOD-MDL-SOIL-01-QT2-2019

Tot Ion:	202	Resp:	707970
Ion Ratio		Lower	Upper
202	100		
101	8.9	0.0	28.2
203	17.7	0.0	37.6

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#76

Chrysene-d12

Concen: 20.000 ng

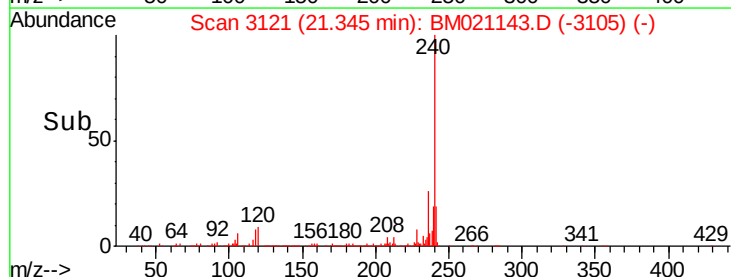
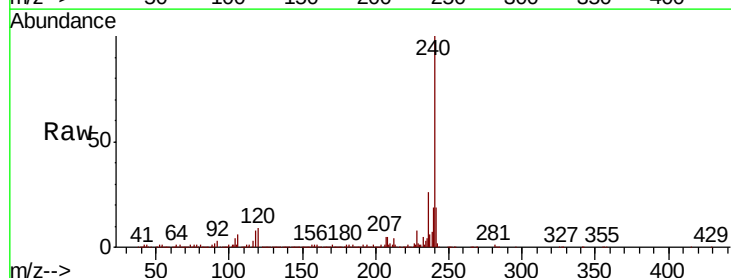
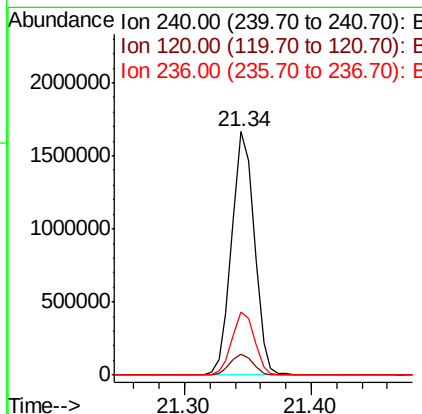
RT: 21.34 min Scan# 3121

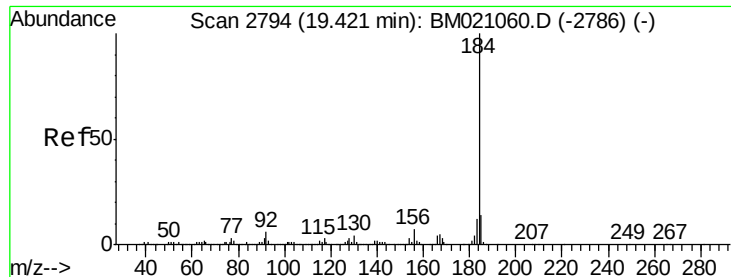
Delta R.T. -0.01 min

Lab File: BM021143.D

Acq: 24 Jun 2019 11:23

Tgt Ion:	240	Resp:	2059997
Ion Ratio		Lower	Upper
240	100		
120	8.6	6.9	10.3
236	25.9	20.4	30.6





#77

Benzidine

Concen: 2.412 ng

RT: 19.42 min Scan# 2793

Delta R.T. -0.01 min

Lab File: BM021143.D

Acq: 24 Jun 2019 11:23

Instrument :

BNA_M

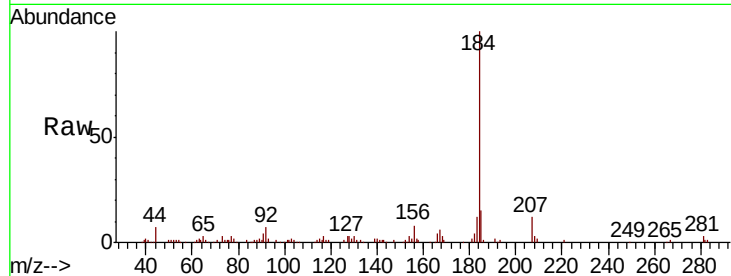
ClientSampleId :

LOD-MDL-SOIL-01-QT2-2019

Tot Ion:	184	Resp:	144283
Ion Ratio	Lower	Upper	
184	100		
185	14.9	11.4	17.2
183	12.4	9.6	14.4

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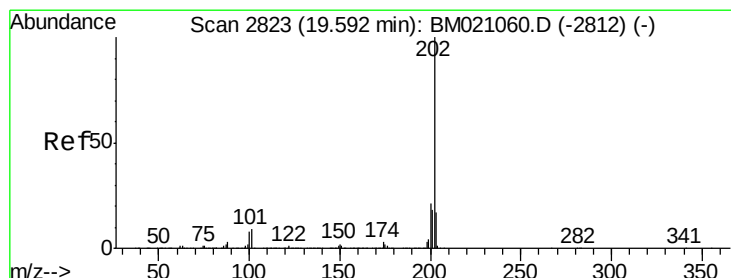
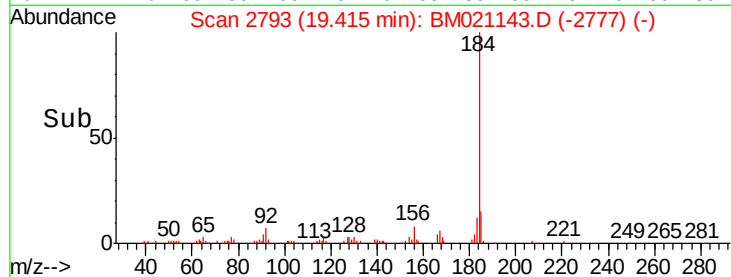
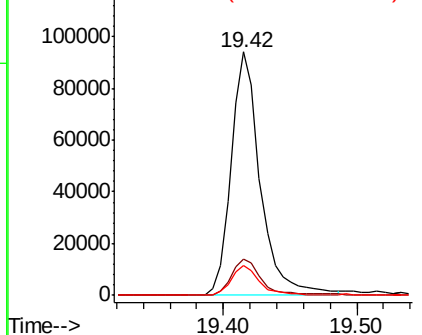


Abundance

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: 4.904 ng

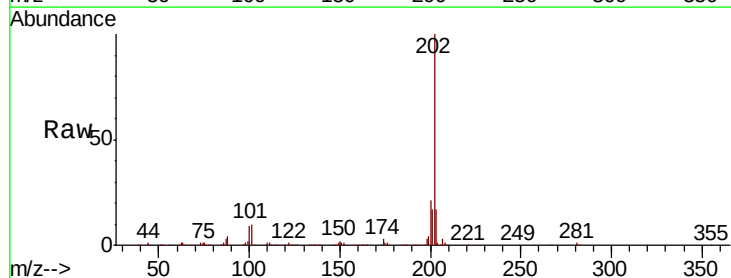
RT: 19.58 min Scan# 2821

Delta R.T. -0.01 min

Lab File: BM021143.D

Acq: 24 Jun 2019 11:23

Tgt Ion:	202	Resp:	732719
Ion Ratio	Lower	Upper	
202	100		
200	21.2	17.0	25.4
203	17.4	14.0	21.0

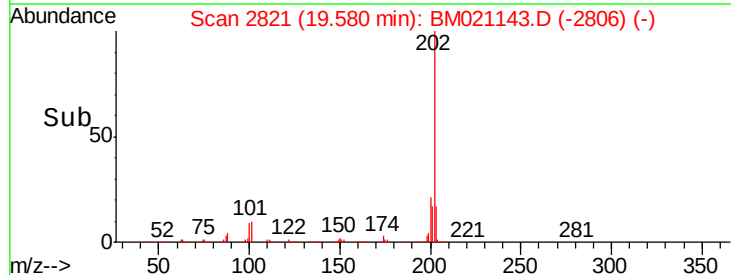
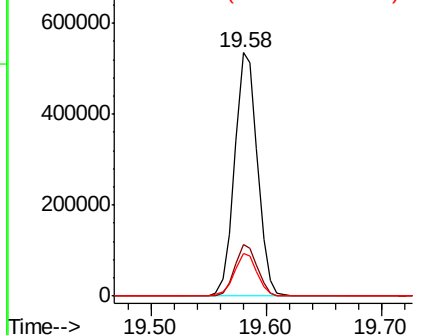


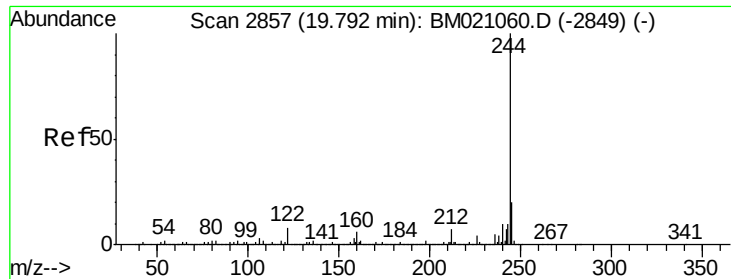
Abundance

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





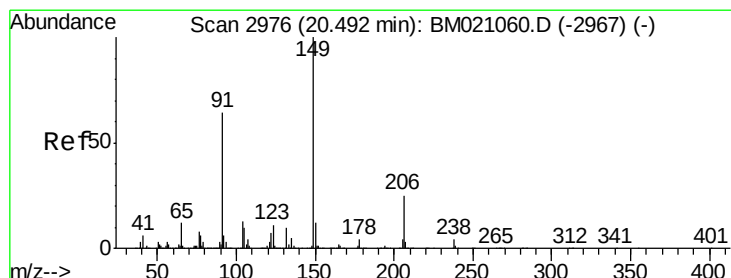
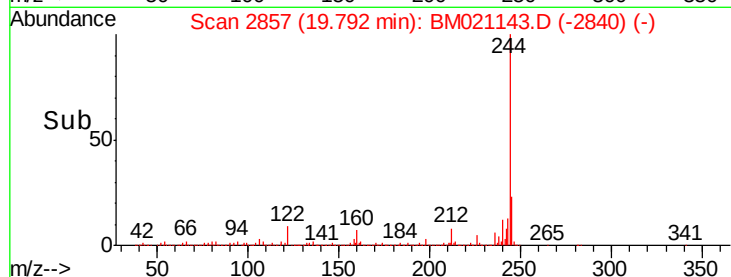
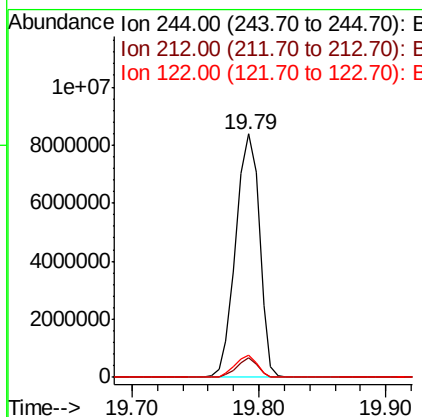
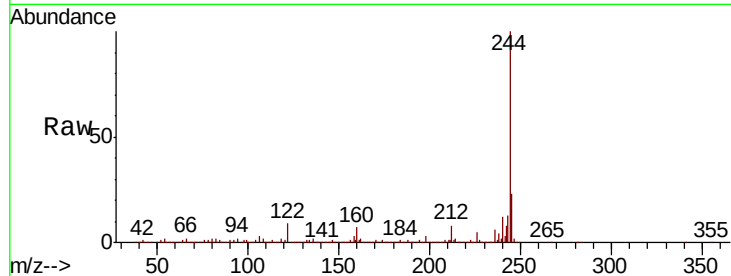
#79
 Terphenyl-d14
 Concen: 98.158 ng
 RT: 19.79 min Scan# 2857
 Delta R.T. -0.00 min
 Lab File: BM021143.D
 Acq: 24 Jun 2019 11:23

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

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.9	5.3	7.9
122	9.0	6.6	9.8

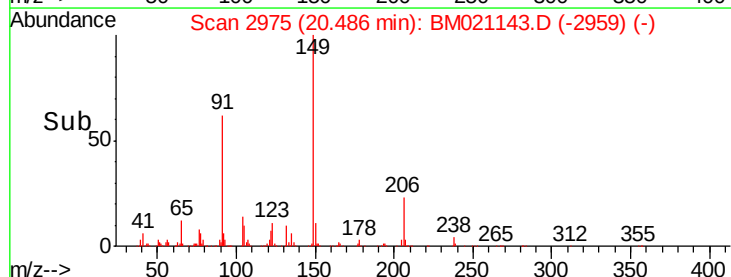
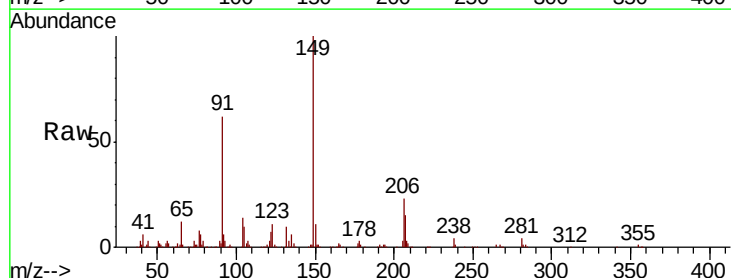
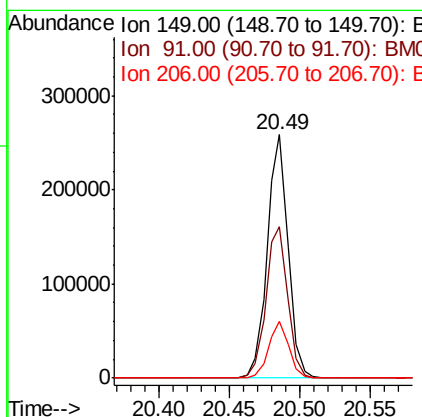
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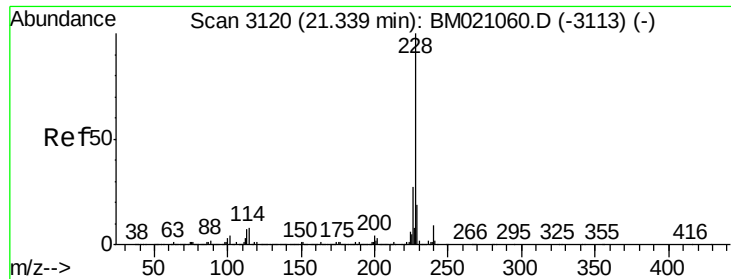
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#80
 Butylbenzylphthalate
 Concen: 4.504 ng
 RT: 20.49 min Scan# 2975
 Delta R.T. -0.01 min
 Lab File: BM021143.D
 Acq: 24 Jun 2019 11:23

Tgt Ion	Ratio	Lower	Upper
149	100		
91	62.1	50.9	76.3
206	23.1	19.7	29.5





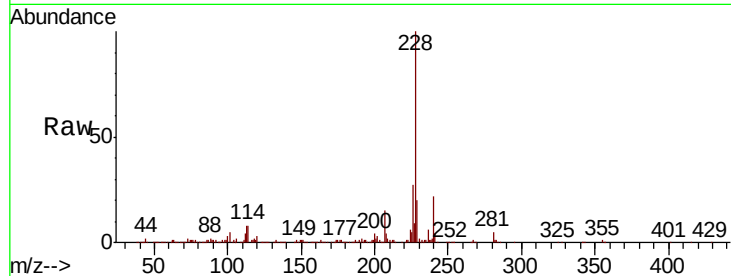
#81
Benzo(a)anthracene
Concen: 4.948 ng
RT: 21.33 min Scan# 3118
Delta R.T. -0.01 min
Lab File: BM021143.D
Acq: 24 Jun 2019 11:23

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

Tot Ion	Ratio	Lower	Upper
228	100		
226	26.5	21.6	32.4
229	19.6	15.5	23.3

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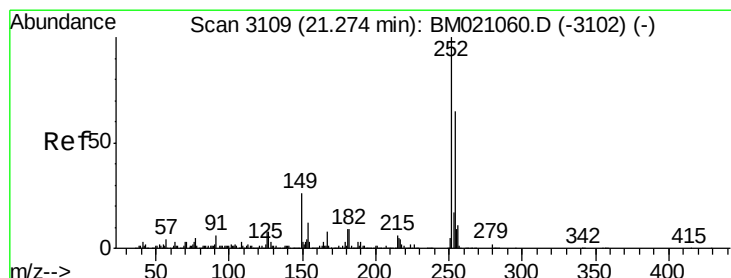
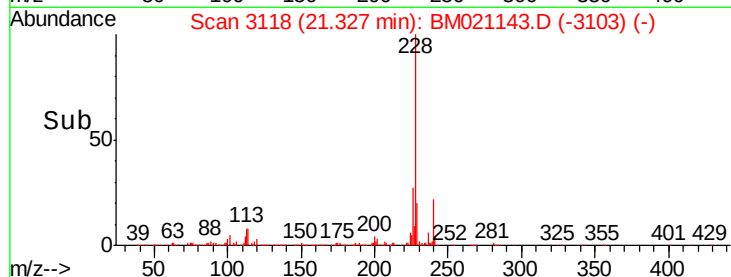
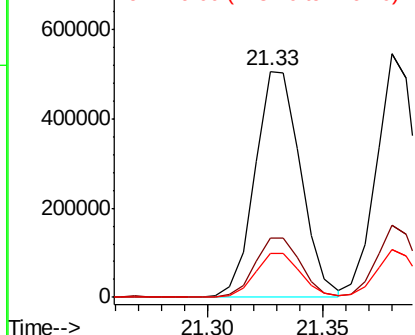


Abundance

Ion 228.00 (227.70 to 228.70): E

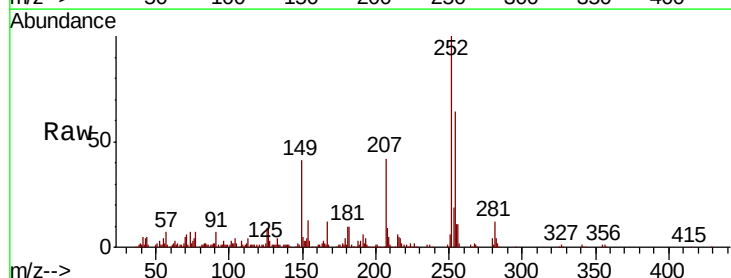
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82
3,3'-Dichlorobenzidine
Concen: 3.886 ng
RT: 21.27 min Scan# 3108
Delta R.T. -0.01 min
Lab File: BM021143.D
Acq: 24 Jun 2019 11:23

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.1	51.7	77.5
126	8.6	6.6	9.8

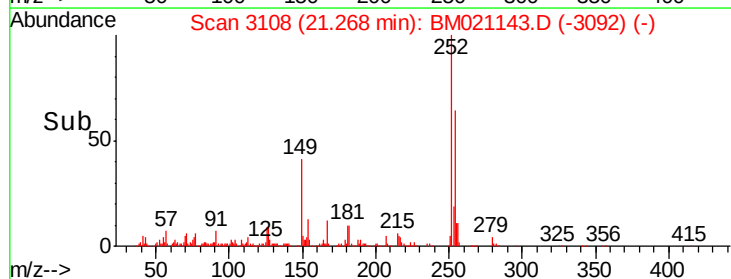
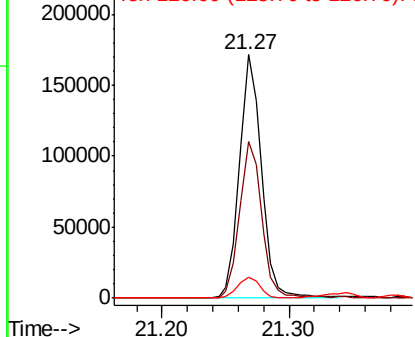


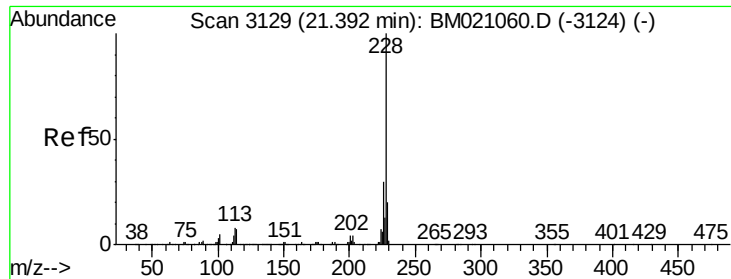
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





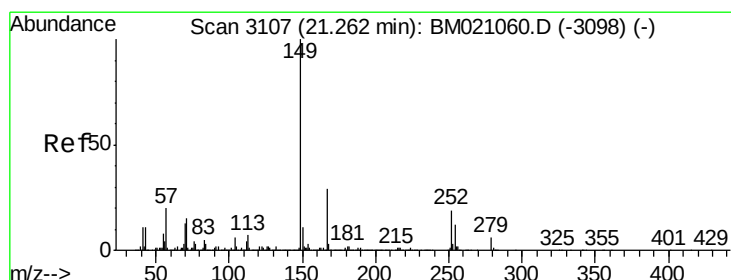
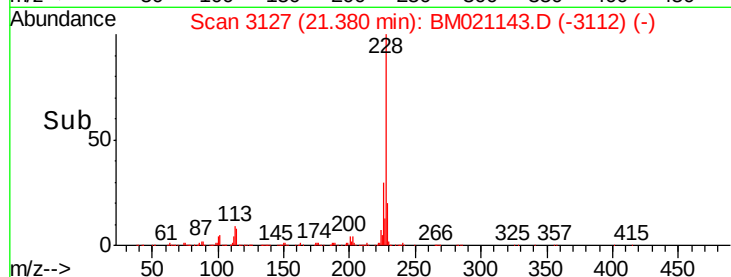
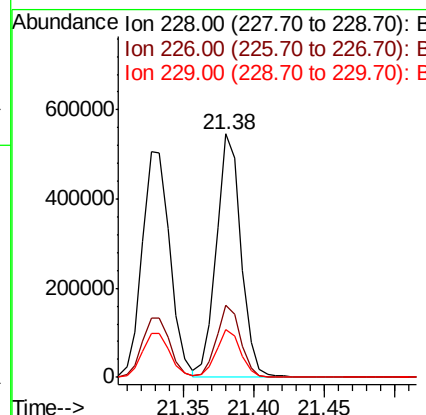
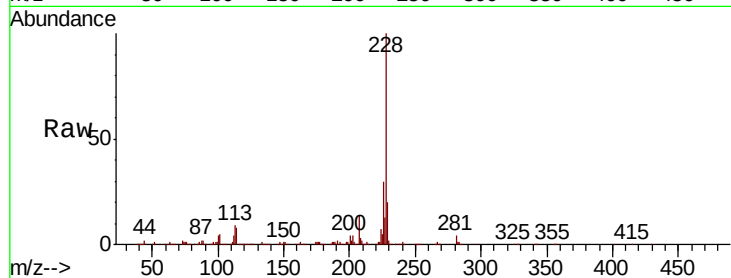
#83
Chrysene
Concen: 4.926 ng
RT: 21.38 min Scan# 3127
Delta R.T. -0.01 min
Lab File: BM021143.D
Acq: 24 Jun 2019 11:23

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

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.1	36.1
229	19.8	15.6	23.4

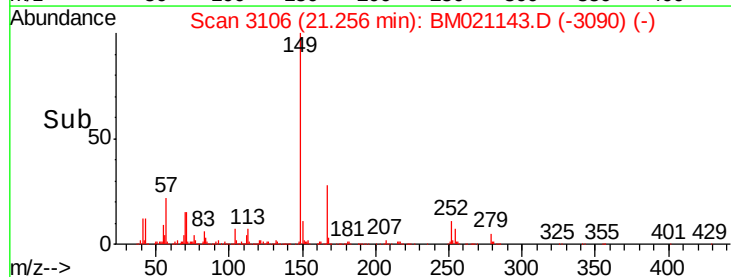
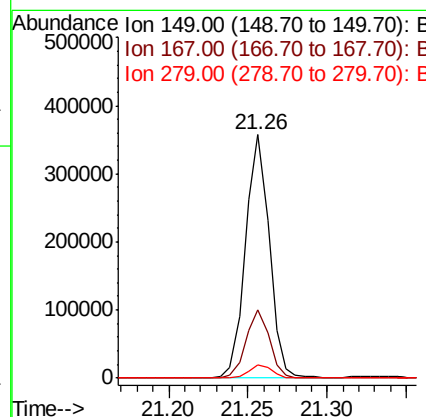
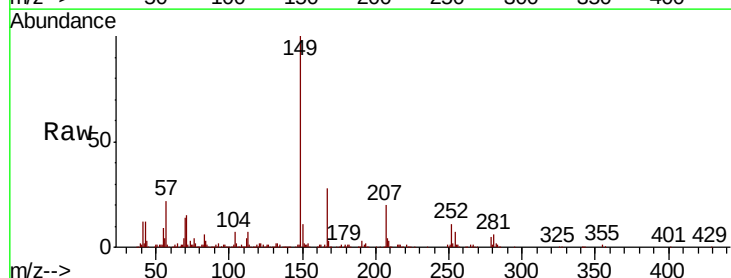
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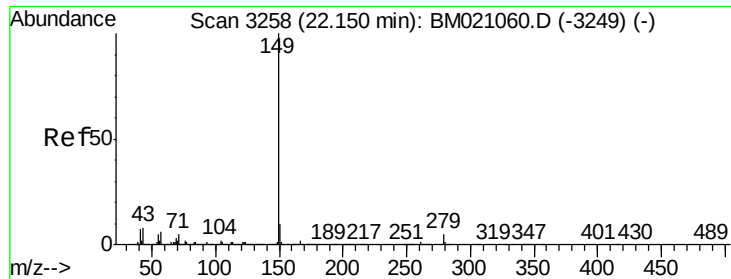
mohammad
6/28/2019 8:25:52 AM



#84
Bis(2-ethylhexyl)phthalate
Concen: 4.355 ng
RT: 21.26 min Scan# 3106
Delta R.T. -0.01 min
Lab File: BM021143.D
Acq: 24 Jun 2019 11:23

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.8	23.0	34.4
279	5.3	4.6	7.0





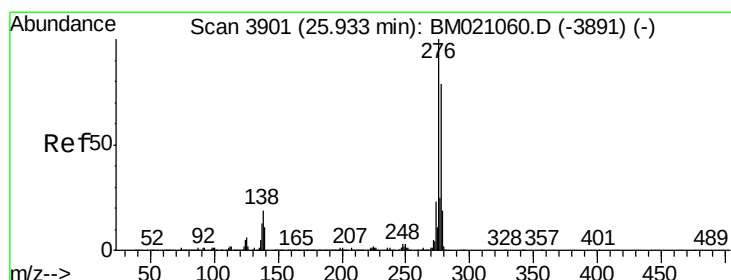
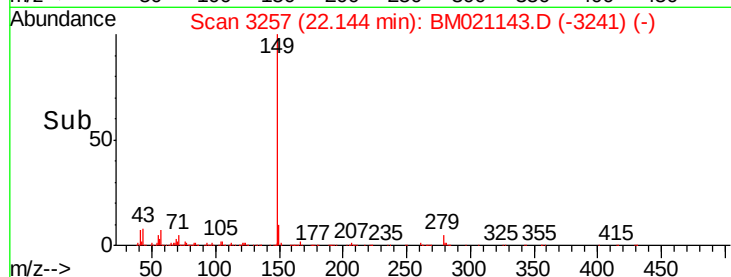
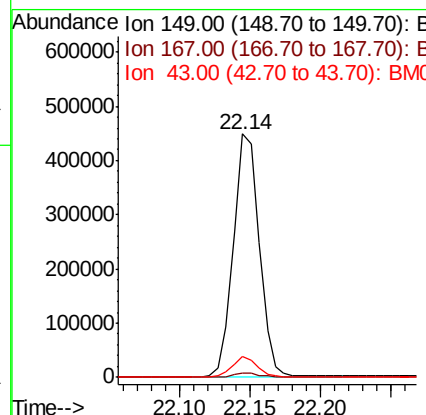
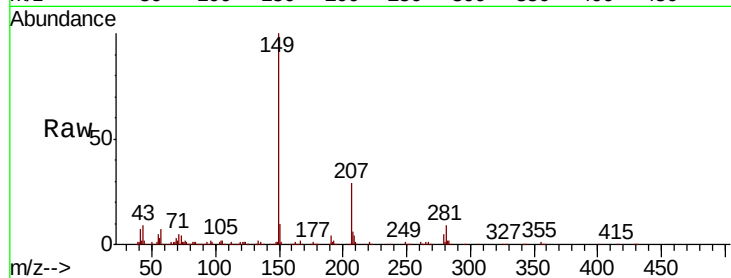
#85
Di-n-octyl phthalate
Concen: 4.303 ng
RT: 22.14 min Scan# 3257
Delta R.T. -0.01 min
Lab File: BM021143.D
Acq: 24 Jun 2019 11:23

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

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

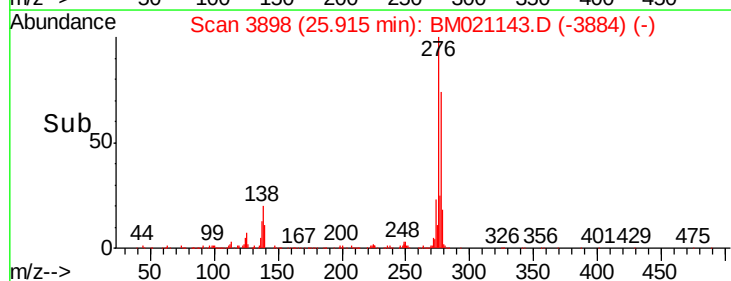
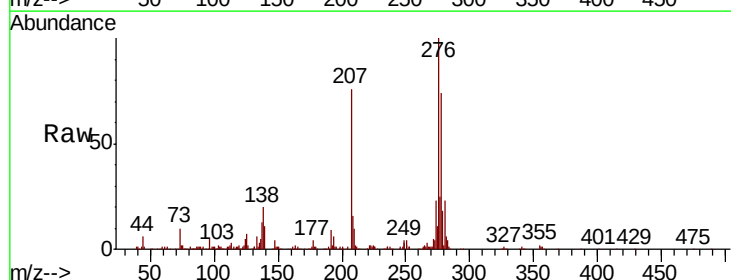
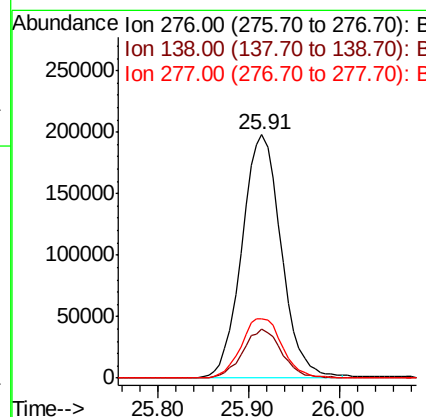
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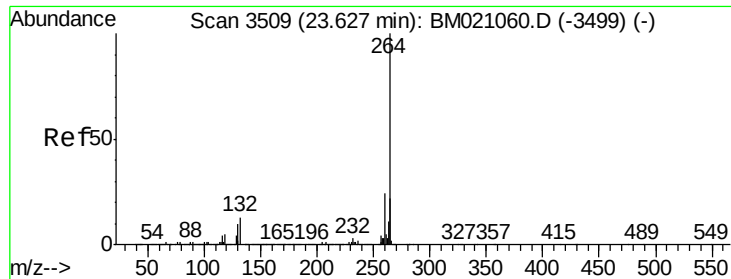
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#86
Indeno(1,2,3-cd)pyrene
Concen: 4.044 ng
RT: 25.91 min Scan# 3898
Delta R.T. -0.02 min
Lab File: BM021143.D
Acq: 24 Jun 2019 11:23

Tgt Ion	Ratio	Resp	Lower	Upper
276	100			
138	19.7	15.4	23.0	
277	25.7	20.4	30.6	





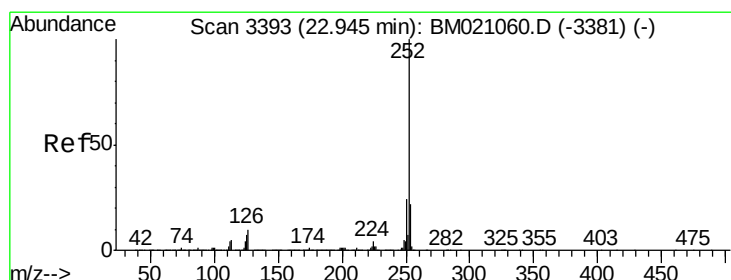
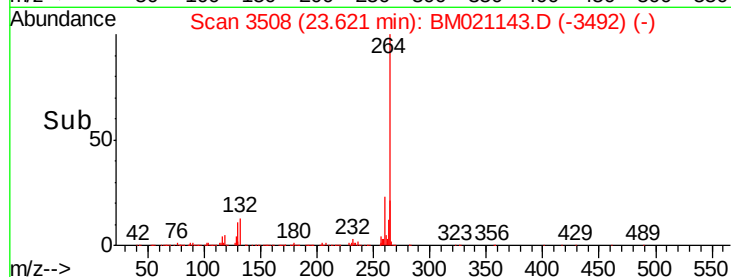
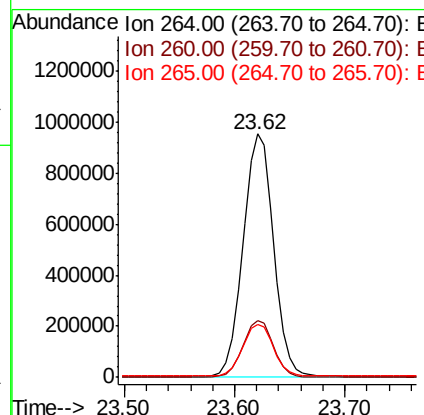
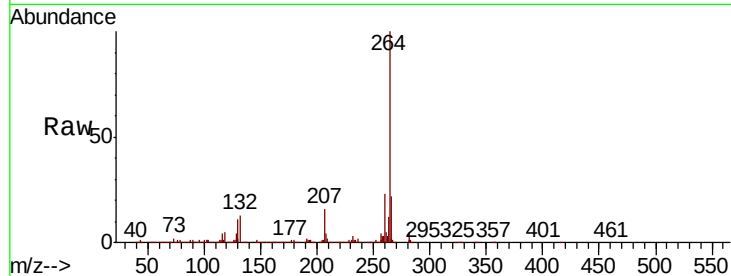
#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.62 min Scan# 3508
Delta R.T. -0.01 min
Lab File: BM021143.D
Acq: 24 Jun 2019 11:23

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

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.0	28.4
265	21.9	17.7	26.5

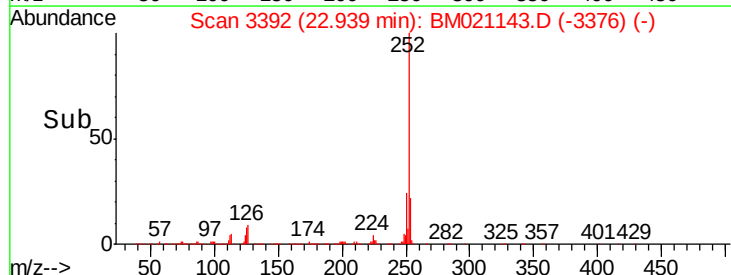
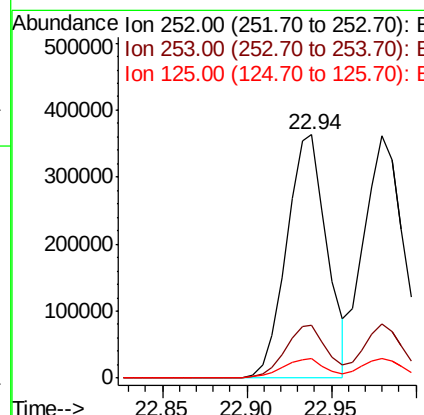
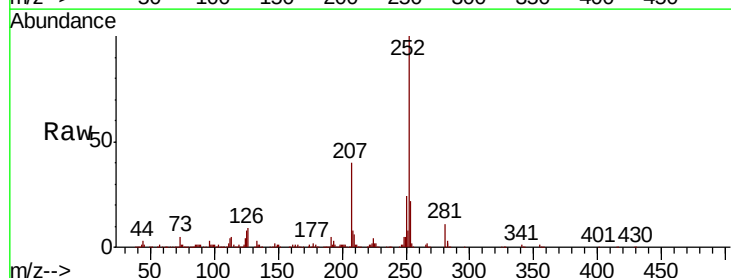
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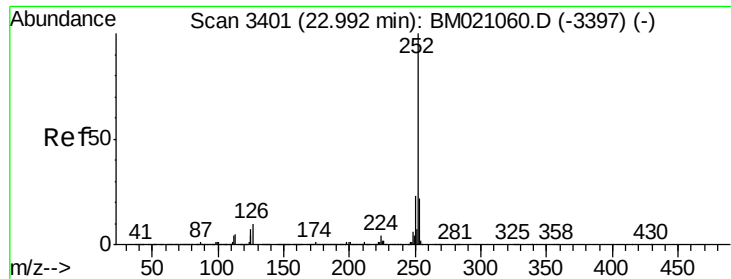
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#88
Benzo(b)fluoranthene
Concen: 4.785 ng
RT: 22.94 min Scan# 3392
Delta R.T. -0.01 min
Lab File: BM021143.D
Acq: 24 Jun 2019 11:23

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.4	26.0
125	7.9	5.9	8.9





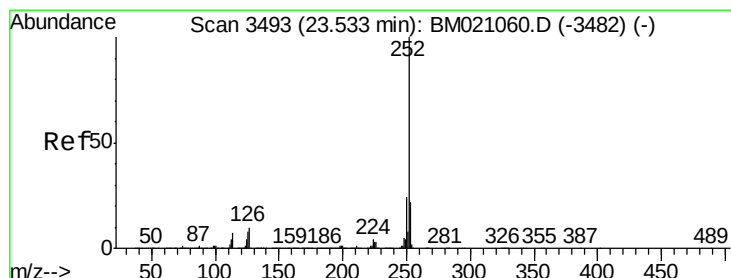
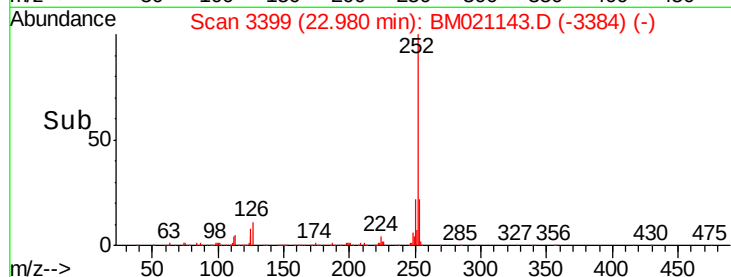
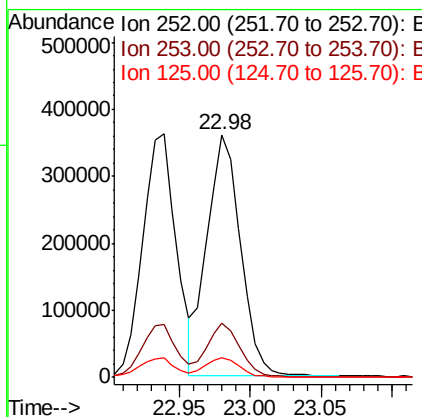
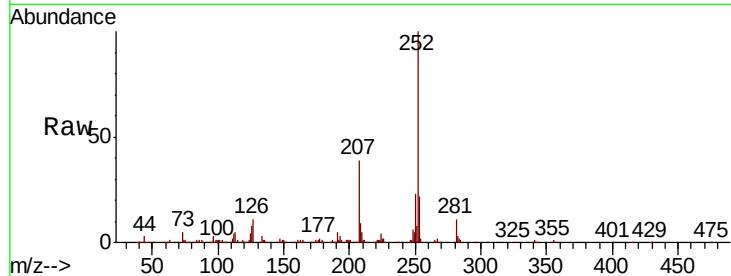
#89
Benzo(k)fluoranthene
Concen: 4.897 ng
RT: 22.98 min Scan# 3399
Delta R.T. -0.01 min
Lab File: BM021143.D
Acq: 24 Jun 2019 11:23

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

Tot Ion	Ratio	Resp	Lower	Upper
252	100	594377		
253	22.2		17.5	26.3
125	8.1		5.9	8.9

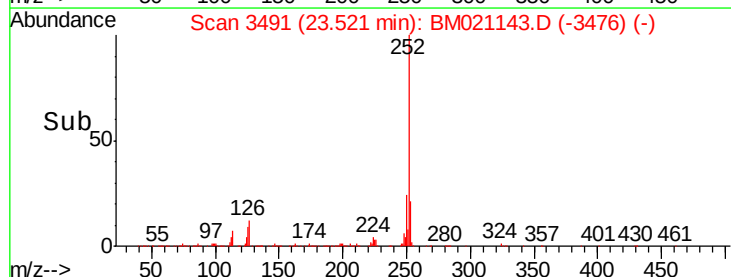
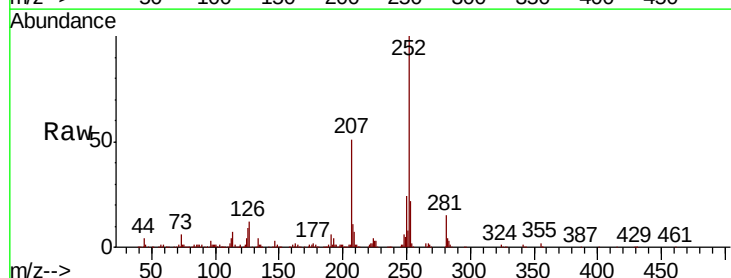
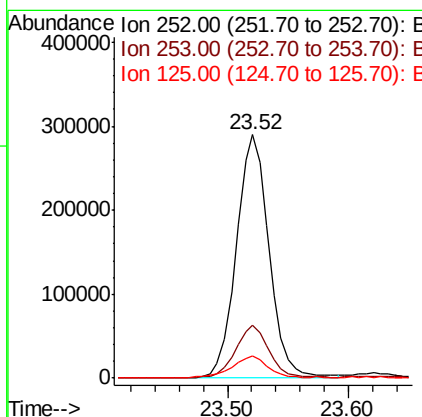
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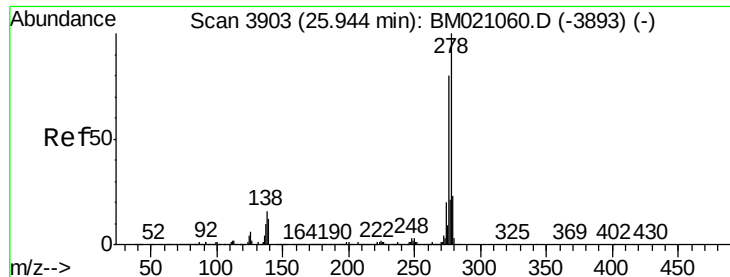
mohammad
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#90
Benzo(a)pyrene
Concen: 4.781 ng
RT: 23.52 min Scan# 3491
Delta R.T. -0.01 min
Lab File: BM021143.D
Acq: 24 Jun 2019 11:23

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	541744		
253	21.7		17.5	26.3
125	9.1		6.6	10.0





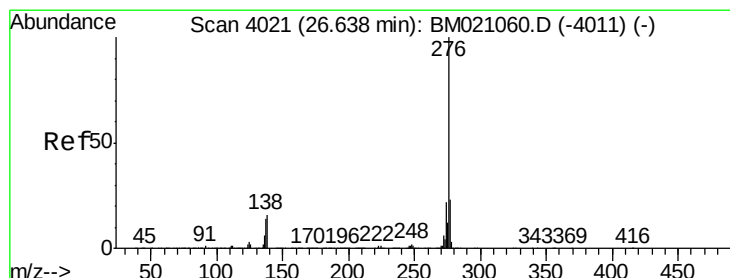
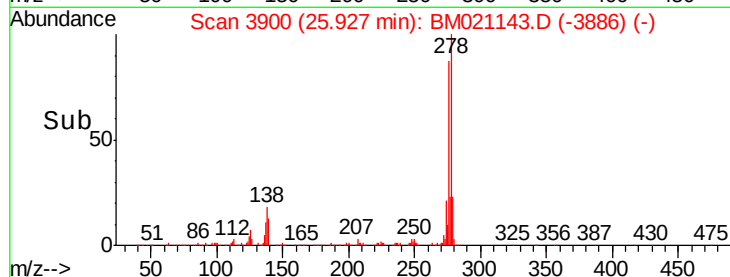
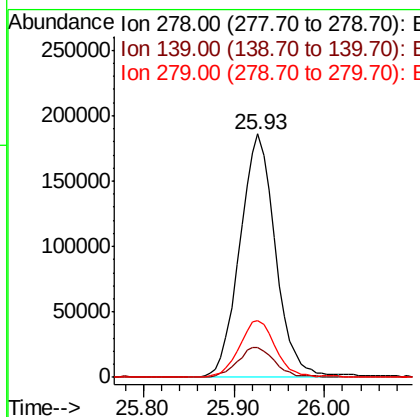
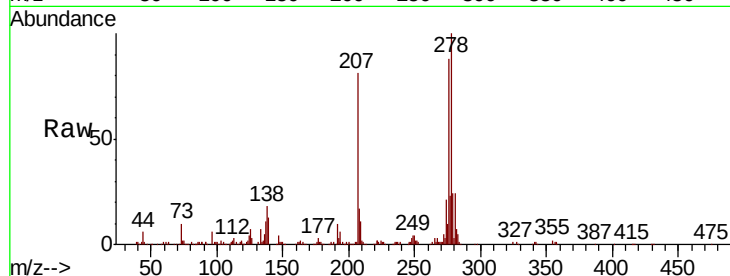
#91
Dibenzo(a,h)anthracene
Concen: 4.493 ng
RT: 25.93 min Scan# 3900
Delta R.T. -0.02 min
Lab File: BM021143.D
Acq: 24 Jun 2019 11:23

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

Tot Ion	Ratio	Lower	Upper
278	100		
139	12.5	9.8	14.8
279	23.5	18.7	28.1

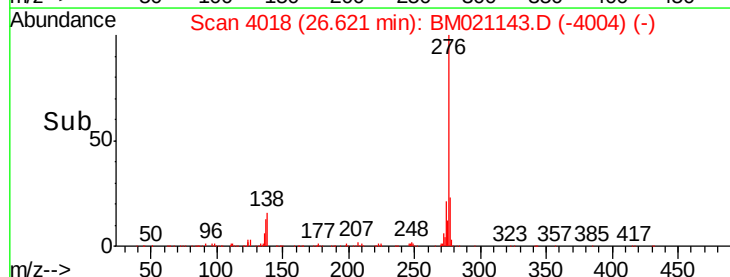
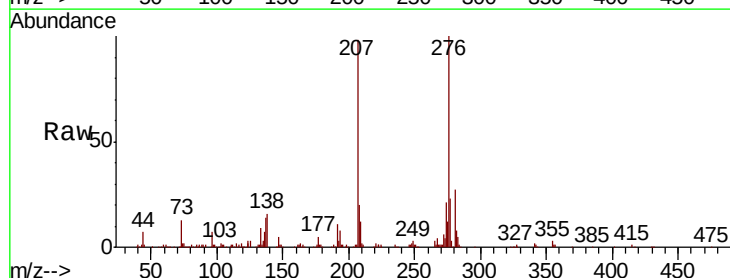
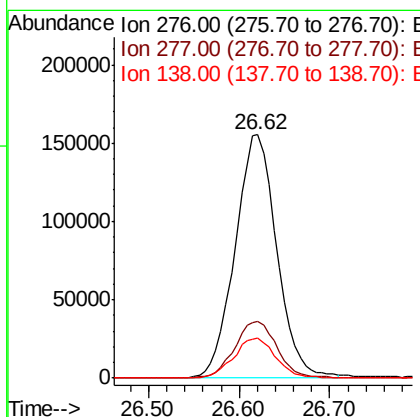
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#92
Benzo(g,h,i)perylene
Concen: 4.671 ng
RT: 26.62 min Scan# 4018
Delta R.T. -0.02 min
Lab File: BM021143.D
Acq: 24 Jun 2019 11:23

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.3	18.8	28.2
138	16.3	13.1	19.7



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062419\
 Data File : BM021143.D
 Acq On : 24 Jun 2019 11:23
 Operator : HP/JU
 Sample : K2241-01
 Misc : LOD-SOIL-5PPM
 ALS Vial : 3 Sample Multiplier: 1

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

Manual Integrations
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Quant Time: Jun 25 04:42:02 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	307745	20.00	ng	0.00
21) Naphthalene-d8	10.56	136	1279895	20.00	ng	0.00
39) Acenaphthene-d10	14.41	164	876837	20.00	ng	-0.01
64) Phenanthrene-d10	17.16	188	2166802	20.00	ng	0.00
76) Chrysene-d12	21.34	240	2059997	20.00	ng	0.00
87) Perylene-d12	23.62	264	1861280	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.36	112	2268222	133.46	ng	0.00
7) Phenol-d6	6.95	99	3188592	128.83	ng	0.00
23) Nitrobenzene-d5	8.94	82	2108422	85.85	ng	0.00
42) 2,4,6-Tribromophenol	15.91	330	2554901	155.28	ng	0.00
45) 2-Fluorobiphenyl	13.03	172	6259867	87.74	ng	0.00
79) Terphenyl-d14	19.79	244	10826332	98.16	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.32	88	30640	4.785	ng	95
3) Pyridine	3.73	79	78221	4.248	ng	96
4) n-Nitrosodimethylamine	3.64	42	28554	4.027	ng	# 88
6) Aniline	7.12	93	141463	4.291	ng	98
8) 2-Chlorophenol	7.34	128	96907	4.633	ng	99
9) Benzaldehyde	6.93	77	94024	2.908	ng	98
10) Phenol	6.97	94	116970	4.626	ng	97
11) bis(2-Chloroethyl)ether	7.21	93	89888	4.490	ng	96
12) 1,3-Dichlorobenzene	7.66	146	113832	4.492	ng	99
13) 1,4-Dichlorobenzene	7.81	146	114828	4.457	ng	97
14) 1,2-Dichlorobenzene	8.12	146	113679	4.502	ng	99
15) Benzyl Alcohol	8.02	79	81669	4.075	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.30	45	117791	4.549	ng	99
17) 2-Methylphenol	8.21	107	78623	4.353	ng	98
18) Hexachloroethane	8.84	117	40596	4.388	ng	96
19) n-Nitroso-di-n-propylamine	8.58	70	79483	4.413	ng	98
20) 3+4-Methylphenols	8.54	107	105373	4.239	ng	99
22) Acetophenone	8.60	105	157772	4.837	ng	99
24) Nitrobenzene	8.97	77	125580	5.162	ng	96
25) Isophorone	9.50	82	215878	4.698	ng	98
26) 2-Nitrophenol	9.69	139	48954	4.110	ng	96
27) 2,4-Dimethylphenol	9.74	122	76359	4.395	ng	98
28) bis(2-Chloroethoxy)methane	9.98	93	132317	4.634	ng	99
29) 2,4-Dichlorophenol	10.21	162	100457	4.468	ng	100
30) 1,2,4-Trichlorobenzene	10.42	180	125558	4.737	ng	98
31) Naphthalene	10.61	128	338279	4.994	ng	99
32) Benzoic acid	9.82	122	47425m	3.374	ng	
33) 4-Chloroaniline	10.73	127	136958	4.454	ng	99
34) Hexachlorobutadiene	10.88	225	77289	4.618	ng	97
35) Caprolactam	11.53	113	28915	4.111	ng	97
36) 4-Chloro-3-methylphenol	11.85	107	106524	4.656	ng	99
37) 2-Methylnaphthalene	12.22	142	261817	5.024	ng	98
38) 1-Methylnaphthalene	12.45	142	251601	5.062	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.59	216	155126	4.674	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062419\
 Data File : BM021143.D
 Acq On : 24 Jun 2019 11:23
 Operator : HP/JU
 Sample : K2241-01
 Misc : LOD-SOIL-5PPM
 ALS Vial : 3 Sample Multiplier: 1

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

Manual Integrations
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 6/28/2019 8:25:52 AM

Quant Time: Jun 25 04:42:02 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	57061	2.966	ng	98
43) 2,4,6-Trichlorophenol	12.84	196	91101	4.148	ng	97
44) 2,4,5-Trichlorophenol	12.91	196	101568	4.466	ng	97
46) 1,1'-Biphenyl	13.25	154	368243	4.907	ng	98
47) 2-Chloronaphthalene	13.29	162	283536	4.652	ng	99
48) 2-Nitroaniline	13.50	65	61319	3.677	ng	89
49) Acenaphthylene	14.13	152	440291	4.747	ng	100
50) Dimethylphthalate	13.87	163	362616	4.651	ng	99
51) 2,6-Dinitrotoluene	14.00	165	73228	4.366	ng	97
52) Acenaphthene	14.47	154	262798	4.696	ng	98
53) 3-Nitroaniline	14.33	138	65675	3.841	ng	100
54) 2,4-Dinitrophenol	14.54	184	21206	2.354	ng	93
55) Dibenzofuran	14.81	168	450928	4.939	ng	99
56) 4-Nitrophenol	14.64	139	43317	3.313	ng	91
57) 2,4-Dinitrotoluene	14.79	165	95251	4.113	ng	92
58) Fluorene	15.46	166	358182	4.802	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.04	232	98051	4.512	ng	97
60) Diethylphthalate	15.24	149	353724	4.607	ng	98
61) 4-Chlorophenyl-phenylether	15.46	204	197949	4.697	ng	99
62) 4-Nitroaniline	15.50	138	63074	3.515	ng	94
63) Azobenzene	15.75	77	295188	4.687	ng	98
65) 4,6-Dinitro-2-methylphenol	15.55	198	41088	3.075	ng	99
66) n-Nitrosodiphenylamine	15.67	169	309447	4.531	ng	97
67) 4-Bromophenyl-phenylether	16.35	248	124384	4.312	ng	96
68) Hexachlorobenzene	16.46	284	154043	4.470	ng	98
69) Atrazine	16.63	200	104126	4.688	ng	99
70) Pentachlorophenol	16.81	266	72616	3.911	ng	98
71) Phenanthrene	17.20	178	605912	4.852	ng	99
72) Anthracene	17.29	178	575647	4.654	ng	100
73) Carbazole	17.57	167	506219	4.628	ng	100
74) Di-n-butylphthalate	18.13	149	581389	4.342	ng	99
75) Fluoranthene	19.22	202	707970	4.909	ng	99
77) Benzidine	19.42	184	144283	2.412	ng	99
78) Pyrene	19.58	202	732719	4.904	ng	100
80) Butylbenzylphthalate	20.49	149	268189	4.504	ng	98
81) Benzo(a)anthracene	21.33	228	694796	4.948	ng	99
82) 3,3'-Dichlorobenzidine	21.27	252	206688	3.886	ng	99
83) Chrysene	21.38	228	659022	4.926	ng	99
84) Bis(2-ethylhexyl)phthalate	21.26	149	369114	4.355	ng	98
85) Di-n-octyl phthalate	22.14	149	573585	4.303	ng	99
86) Indeno(1,2,3-cd)pyrene	25.91	276	598585	4.044	ng	99
88) Benzo(b)fluoranthene	22.94	252	600868	4.785	ng	99
89) Benzo(k)fluoranthene	22.98	252	594377	4.897	ng	99
90) Benzo(a)pyrene	23.52	252	541744	4.781	ng	99
91) Dibenzo(a,h)anthracene	25.93	278	507523	4.493	ng	100
92) Benzo(g,h,i)perylene	26.62	276	492096	4.671	ng	100

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