

#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.38 min Scan# 1069

Delta R.T. -0.00 min

Lab File: BP000998.D

Acq: 07 Nov 2019 11:37

Instrument :

BNA_P

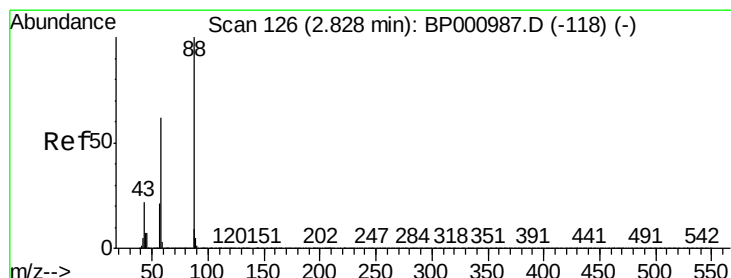
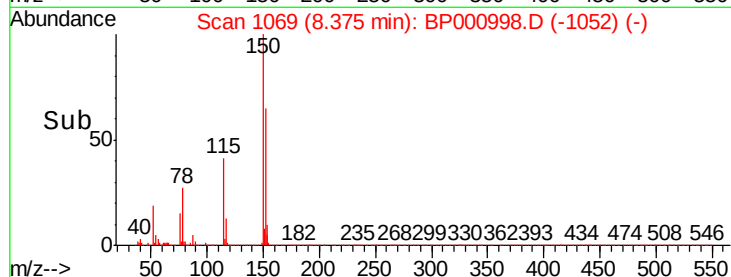
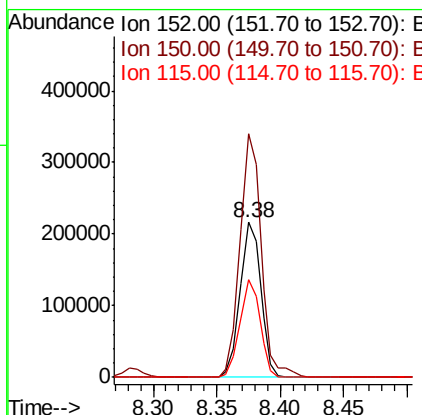
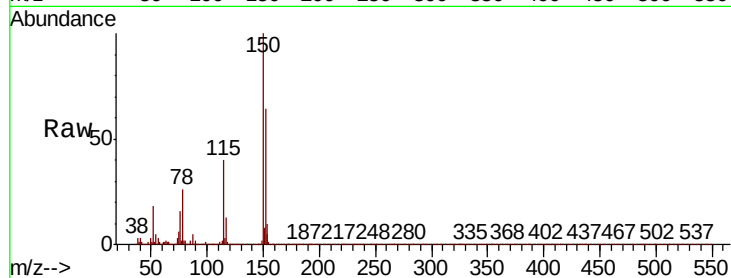
ClientSampleId :

LOD-MDL-SOIL-01-QT4-2019

Tot Ion:	152	Resp:	243054
Ion Ratio	Lower	Upper	
152	100		
150	157.1	123.6	185.4
115	62.6	50.1	75.1

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#2

1,4-Dioxane

Concen: 6.985 ng

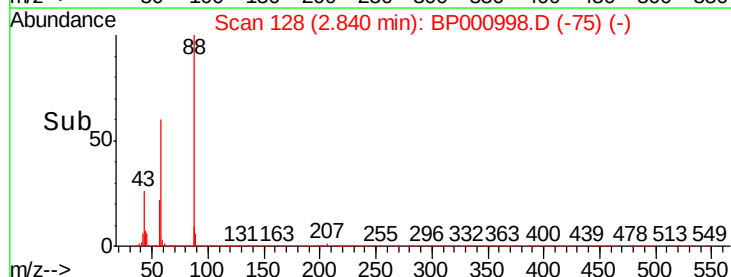
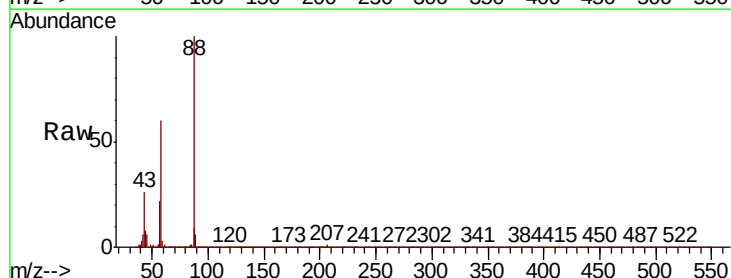
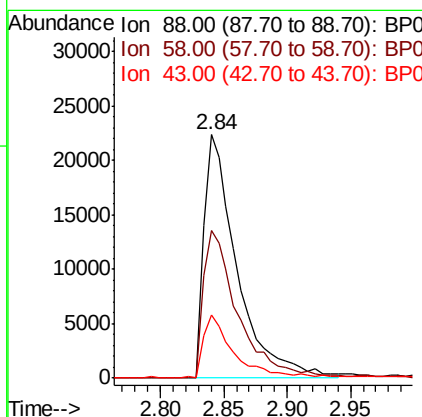
RT: 2.84 min Scan# 128

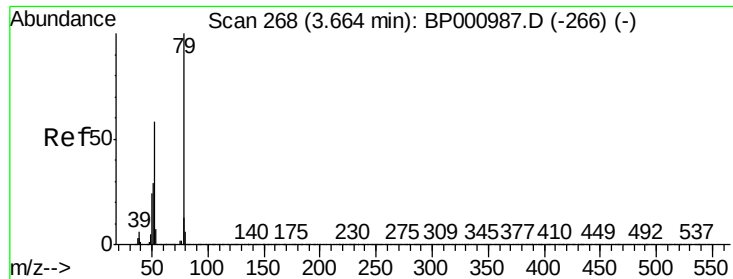
Delta R.T. 0.01 min

Lab File: BP000998.D

Acq: 07 Nov 2019 11:37

Tgt Ion:	88	Resp:	40557
Ion Ratio	Lower	Upper	
88	100		
58	63.3	49.8	74.8
43	22.6	17.6	26.4





#3

Pvridine

Concen: 5.856 ng

RT: 3.75 min Scan# 283

Delta R.T. 0.09 min

Lab File: BP000998.D

Acq: 07 Nov 2019 11:37

Instrument :

BNA_P

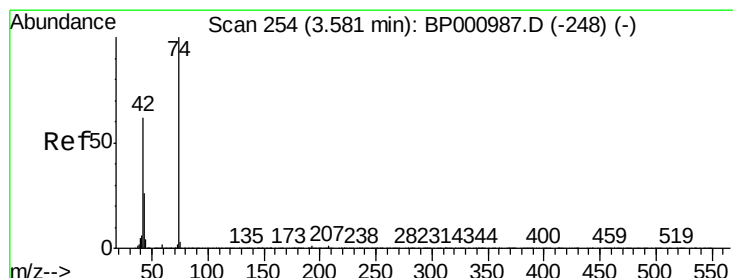
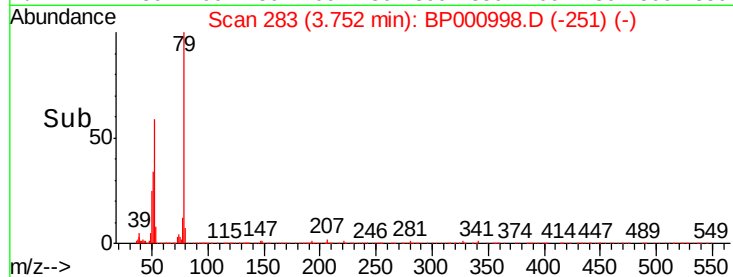
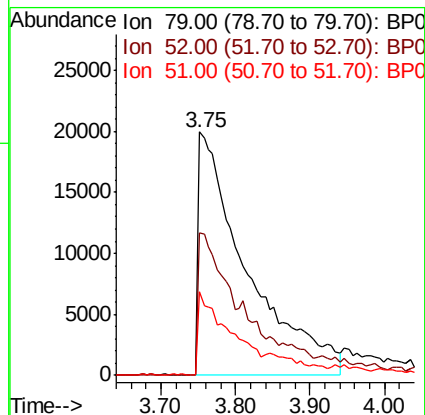
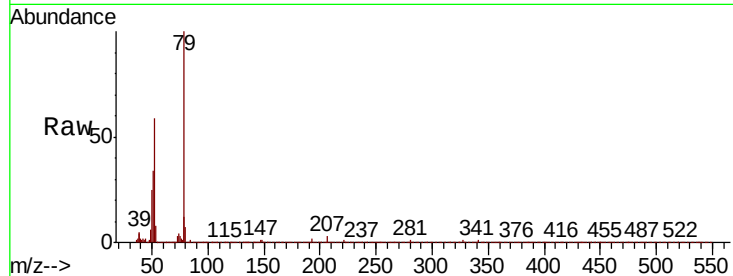
ClientSampleId :

LOD-MDL-SOIL-01-QT4-2019

Tot Ion:	79	Resp:	89894
Ion Ratio	Lower	Upper	
79	100		
52	58.7	46.4	69.6
51	34.2	23.4	35.0

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#4

n-Nitrosodimethylamine

Concen: 7.056 ng

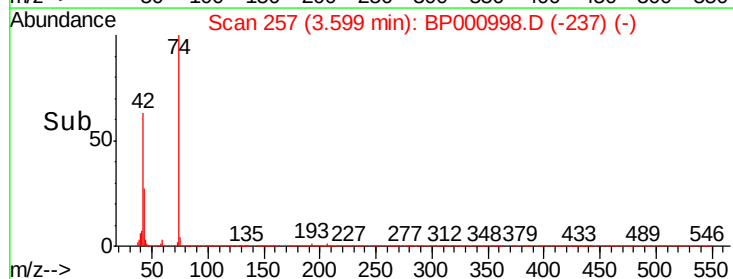
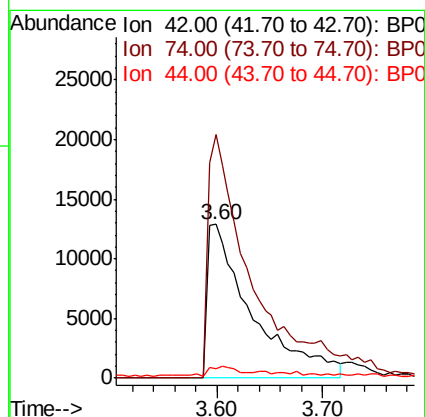
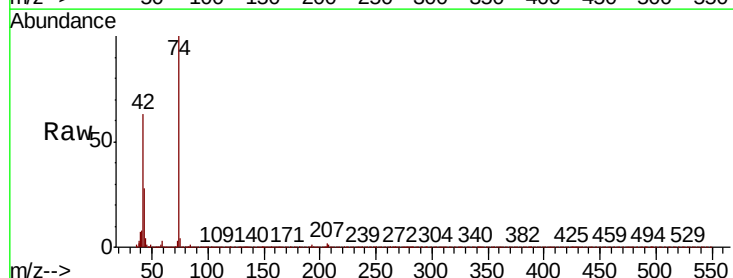
RT: 3.60 min Scan# 257

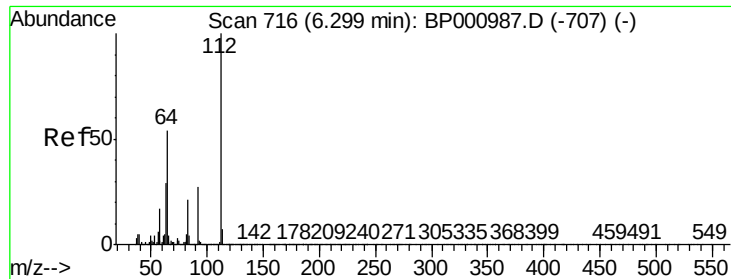
Delta R.T. 0.02 min

Lab File: BP000998.D

Acq: 07 Nov 2019 11:37

Tgt Ion:	42	Resp:	37750
Ion Ratio	Lower	Upper	
42	100		
74	158.4	128.4	192.6
44	6.5	5.4	8.2





#5

2-Fluorophenol

Concen: 141.253 ng

RT: 6.30 min Scan# 717

Delta R.T. 0.01 min

Lab File: BP000998.D

Acq: 07 Nov 2019 11:37

Instrument :

BNA_P

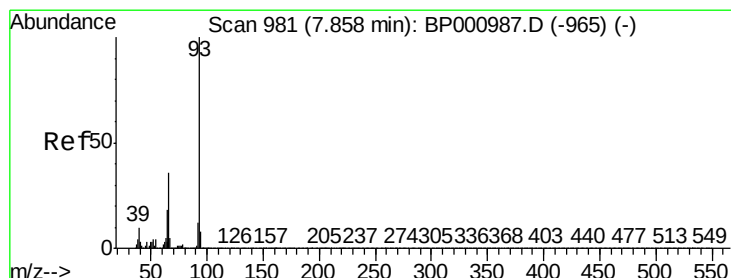
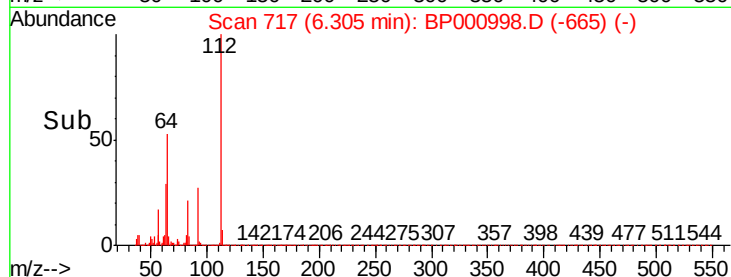
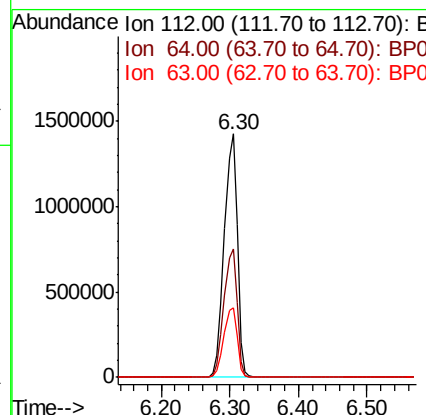
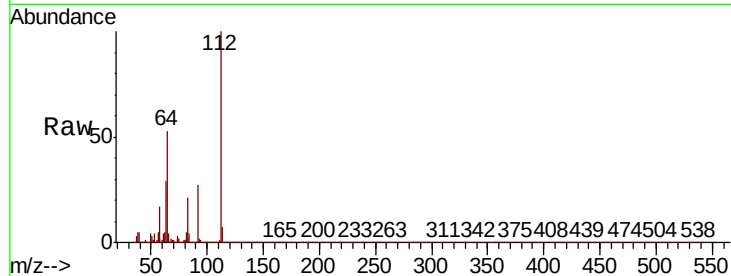
ClientSampleId :

LOD-MDL-SOIL-01-QT4-2019

Tot Ion:	112	Resp:	1886201
Ion Ratio	Lower	Upper	
112	100		
64	53.0	43.4	65.0
63	28.6	23.4	35.0

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#6

Aniline

Concen: 8.184 ng

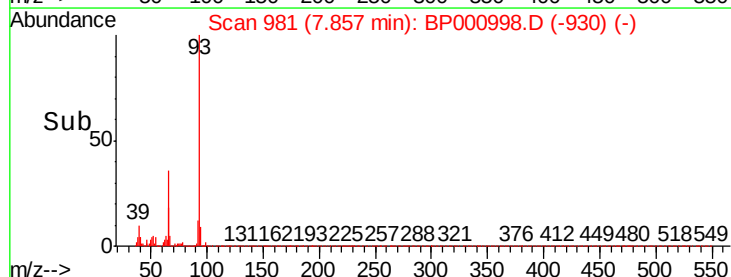
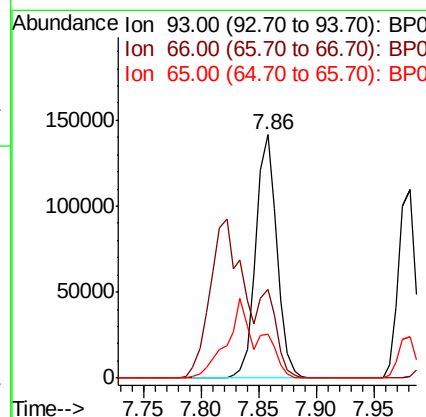
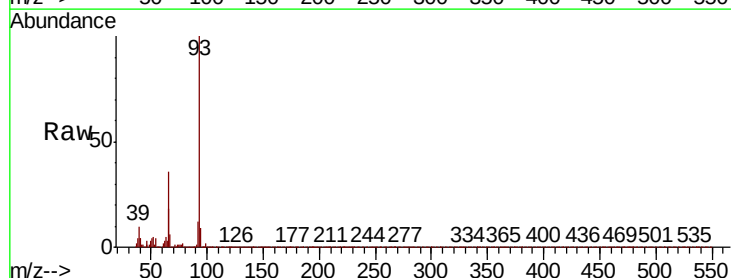
RT: 7.86 min Scan# 981

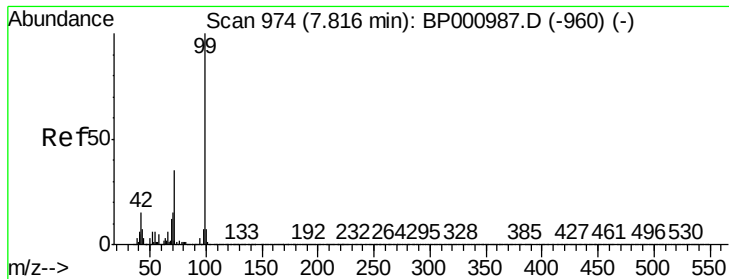
Delta R.T. -0.00 min

Lab File: BP000998.D

Acq: 07 Nov 2019 11:37

Tgt Ion:	93	Resp:	180495
Ion Ratio	Lower	Upper	
93	100		
66	36.4	29.1	43.7
65	18.3	14.6	21.8





#7

Phenol-d6

Concen: 140.470 ng

RT: 7.82 min Scan# 975

Delta R.T. 0.01 min

Lab File: BP000998.D

Acq: 07 Nov 2019 11:37

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2019

Tot Ion: 99 Resp: 2371989

Ion Ratio Lower Upper

99 100

42 14.7 11.6 17.4

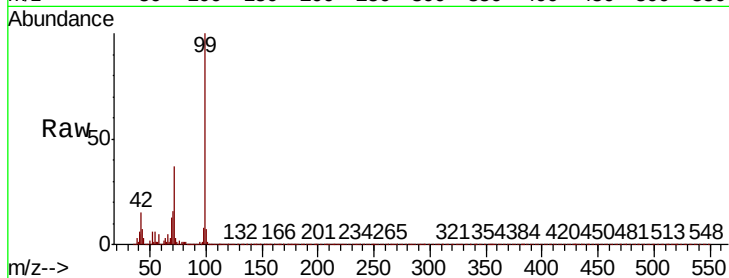
71 37.2 28.0 42.0

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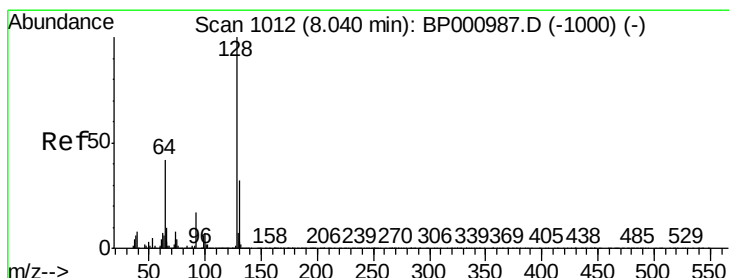
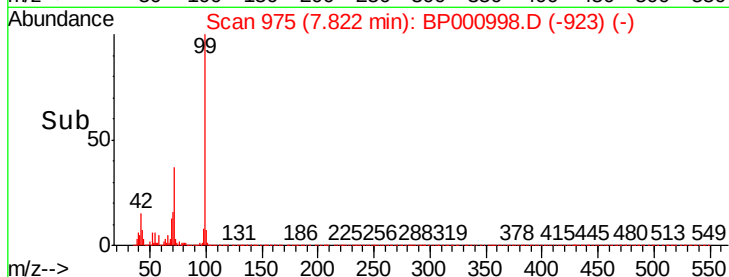
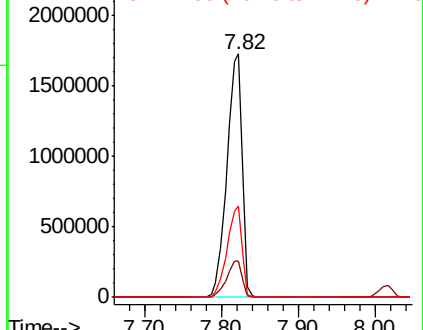
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Abundance Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0



#8

2-Chlorophenol

Concen: 8.062 ng

RT: 8.04 min Scan# 1012

Delta R.T. -0.00 min

Lab File: BP000998.D

Acq: 07 Nov 2019 11:37

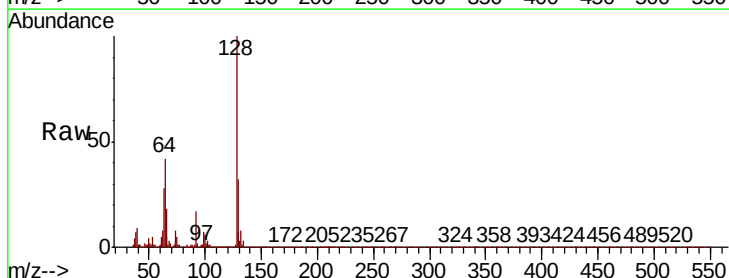
Tgt Ion:128 Resp: 114162

Ion Ratio Lower Upper

128 100

130 31.5 12.0 52.0

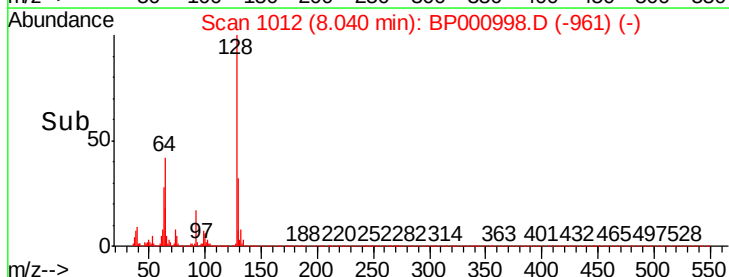
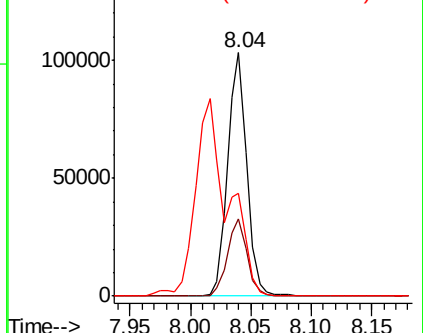
64 42.2 22.7 62.7

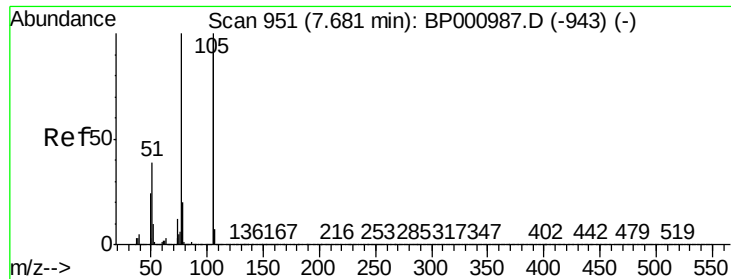


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BP0





#9

Benzaldehyde

Concen: 8.328 ng

RT: 7.68 min Scan# 951

Delta R.T. -0.00 min

Lab File: BP000998.D

Acq: 07 Nov 2019 11:37

Instrument :

BNA_P

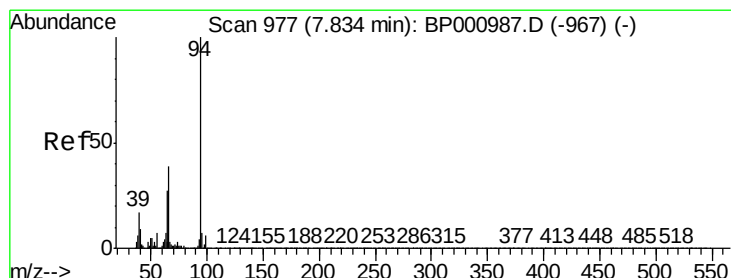
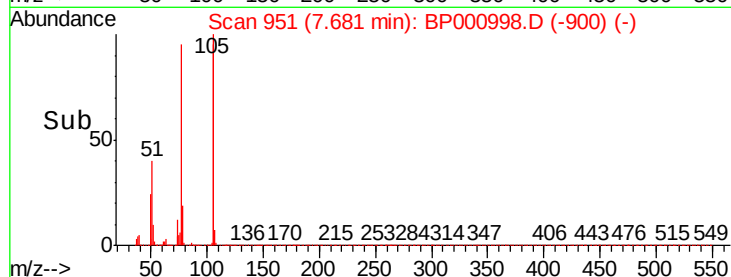
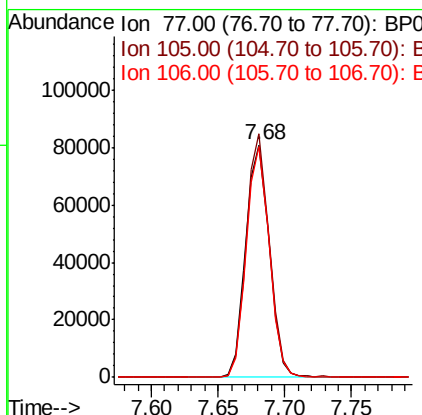
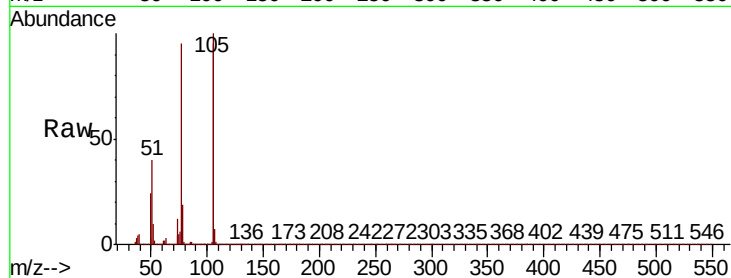
ClientSampleId :

LOD-MDL-SOIL-01-QT4-2019

Tot Ion:	77	Resp:	98124
Ion Ratio	Lower	Upper	
77	100		
105	104.9	80.0	120.0
106	99.3	76.9	116.9

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#10

Phenol

Concen: 7.862 ng m

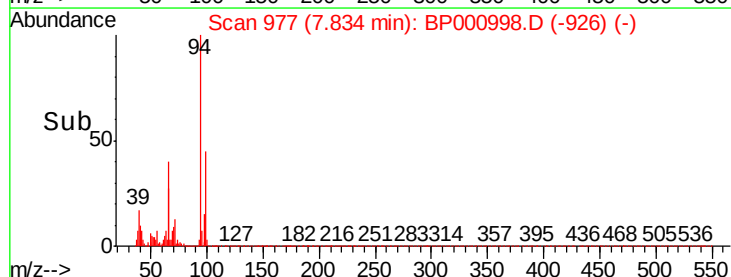
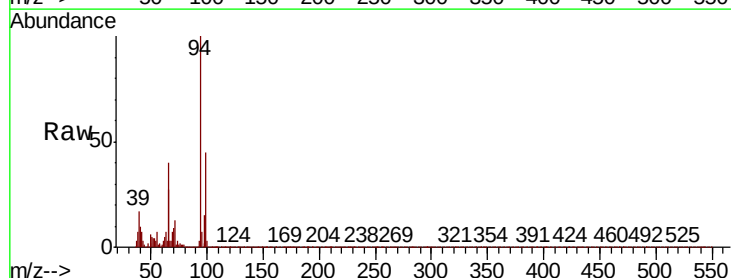
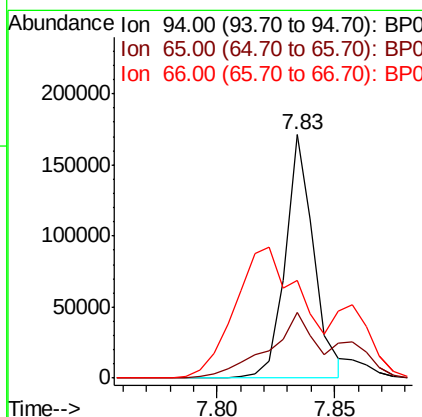
RT: 7.83 min Scan# 977

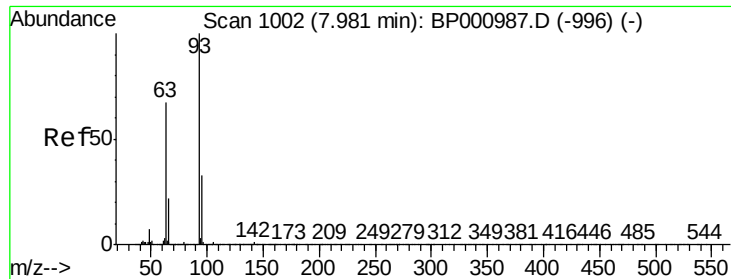
Delta R.T. -0.00 min

Lab File: BP000998.D

Acq: 07 Nov 2019 11:37

Tgt Ion:	94	Resp:	145215
Ion Ratio	Lower	Upper	
94	100		
65	27.0	6.7	46.7
66	40.1	18.6	58.6





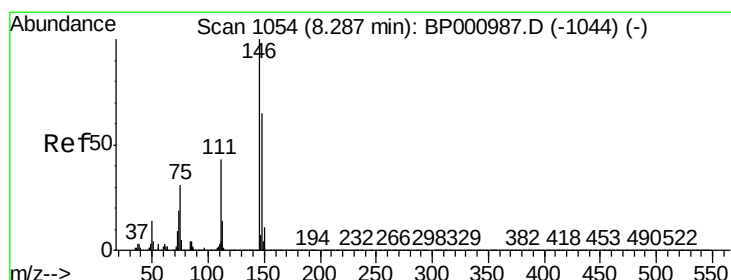
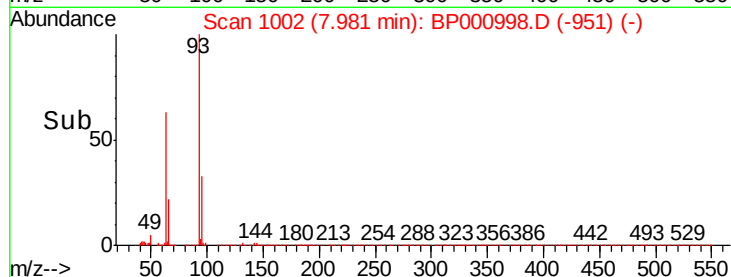
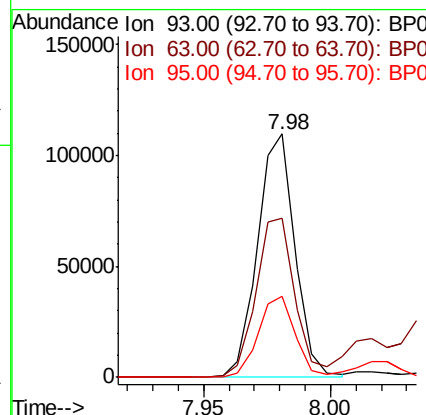
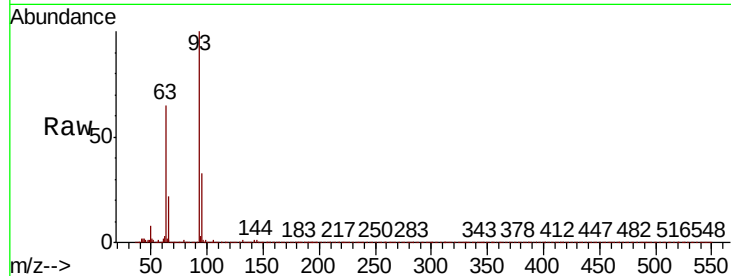
#11
bis(2-Chloroethyl)ether
Concen: 7.838 ng
RT: 7.98 min Scan# 1002
Delta R.T. -0.00 min
Lab File: BP000998.D
Acq: 07 Nov 2019 11:37

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2019

Tot Ion	Ratio	Lower	Upper
93	100		
63	65.4	47.4	87.4
95	33.2	12.6	52.6

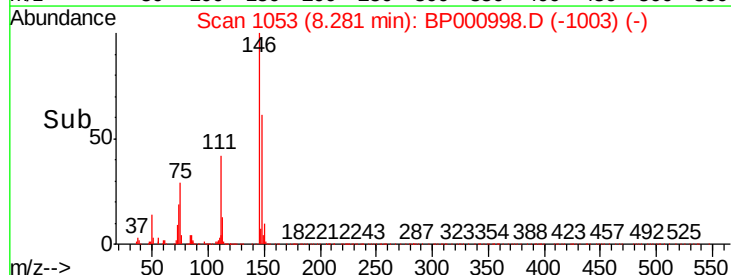
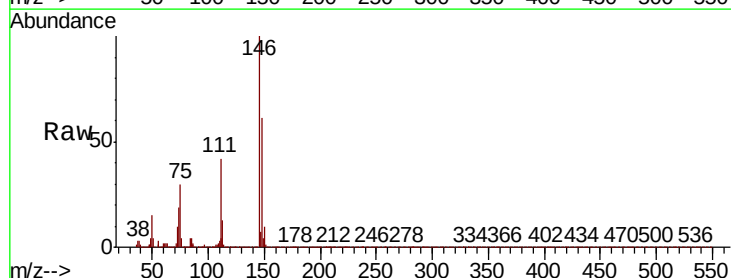
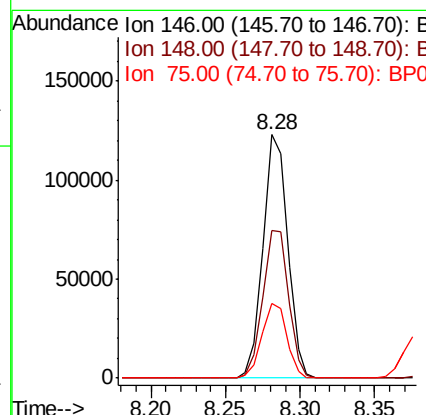
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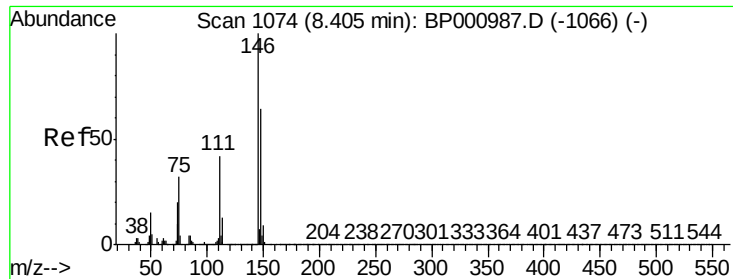
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#12
1,3-Dichlorobenzene
Concen: 7.848 ng
RT: 8.28 min Scan# 1053
Delta R.T. -0.01 min
Lab File: BP000998.D
Acq: 07 Nov 2019 11:37

Tgt Ion	Ratio	Lower	Upper
146	100		
148	60.6	52.3	78.5
75	30.5	24.6	37.0





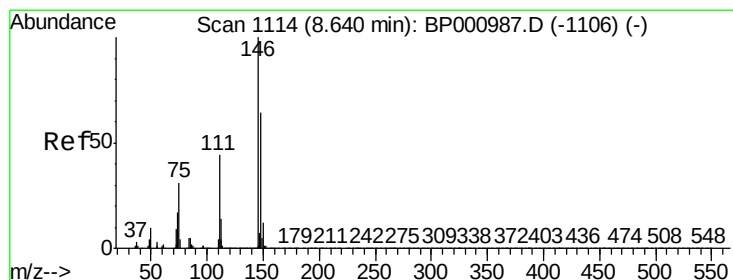
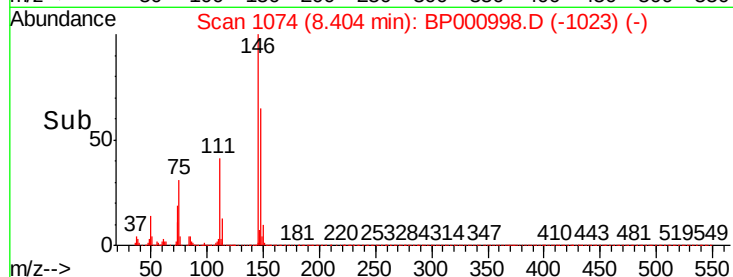
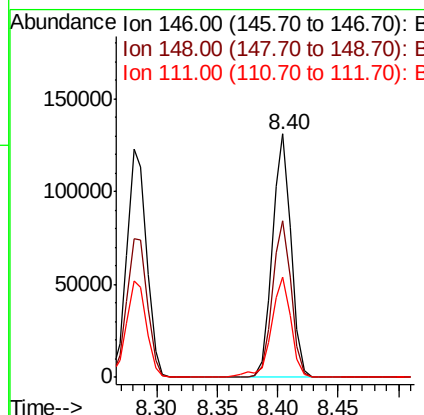
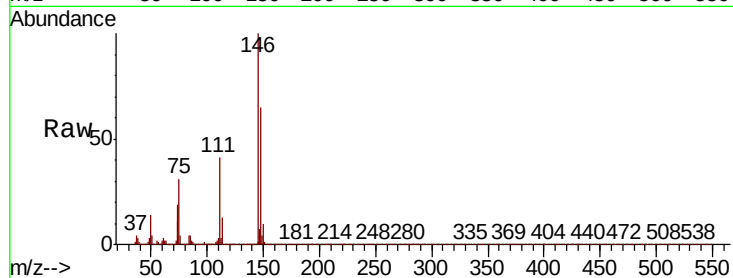
#13
1,4-Dichlorobenzene
Concen: 7.823 ng
RT: 8.40 min Scan# 1074
Delta R.T. -0.00 min
Lab File: BP000998.D
Acq: 07 Nov 2019 11:37

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2019

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.5	77.3
111	41.3	33.8	50.6

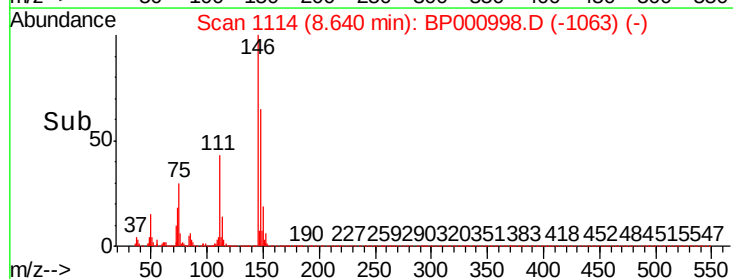
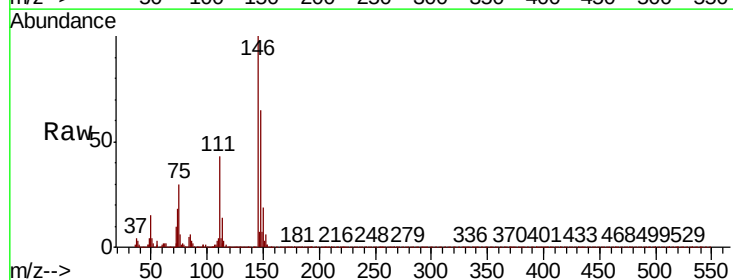
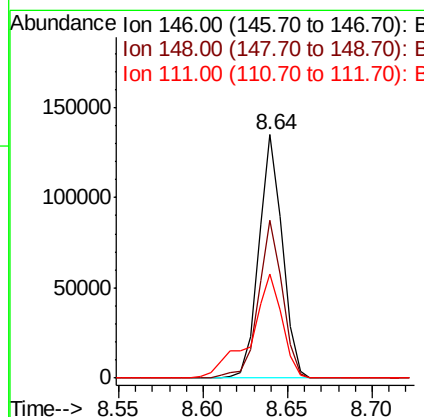
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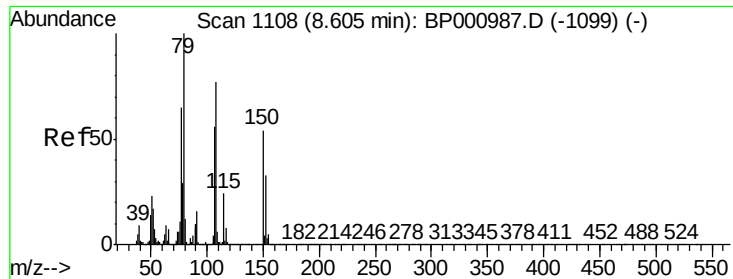
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#14
1,2-Dichlorobenzene
Concen: 7.906 ng
RT: 8.64 min Scan# 1114
Delta R.T. -0.00 min
Lab File: BP000998.D
Acq: 07 Nov 2019 11:37

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.1	51.4	77.0
111	42.8	35.6	53.4





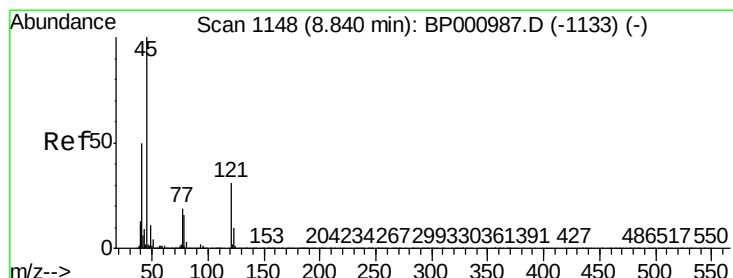
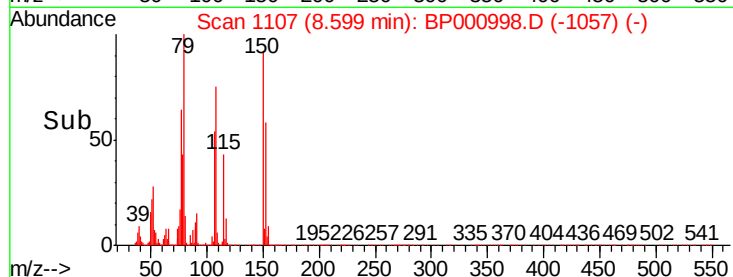
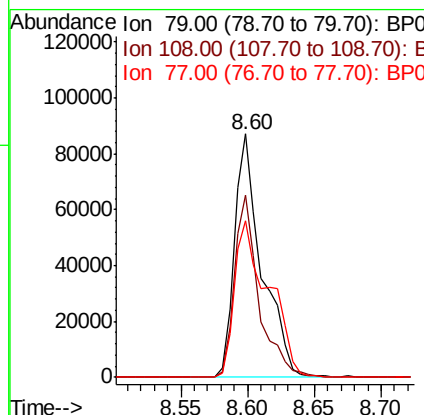
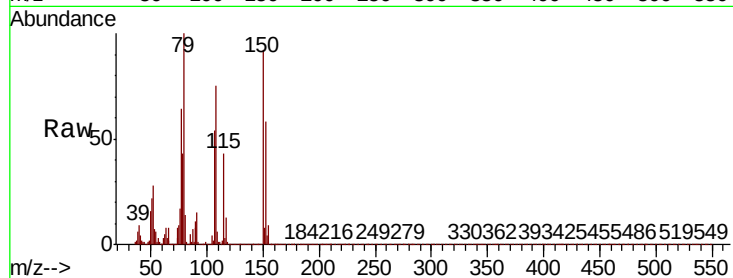
#15
Benzyl Alcohol
Concen: 9.683 ng
RT: 8.60 min Scan# 1107
Delta R.T. -0.01 min
Lab File: BP000998.D
Acq: 07 Nov 2019 11:37

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2019

Tot Ion	Ratio	Lower	Upper
79	100		
108	74.7	62.0	93.0
77	64.4	51.9	77.9

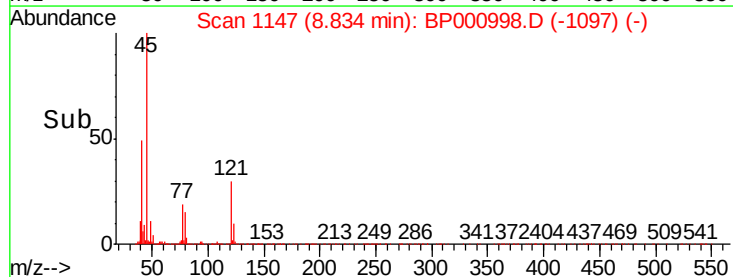
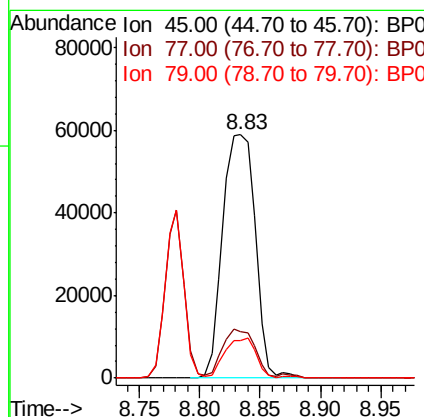
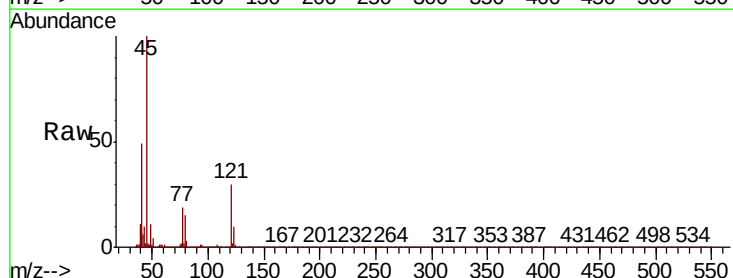
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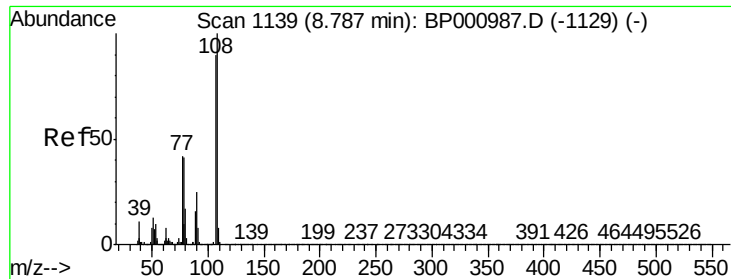
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 7.358 ng
RT: 8.83 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BP000998.D
Acq: 07 Nov 2019 11:37

Tgt Ion	Ratio	Lower	Upper
45	100		
77	18.9	0.0	39.1
79	15.3	0.0	35.9





#17

2-Methylphenol

Concen: 7.921 ng

RT: 8.78 min Scan# 1138

Delta R.T. -0.01 min

Lab File: BP000998.D

Acq: 07 Nov 2019 11:37

Instrument :

BNA_P

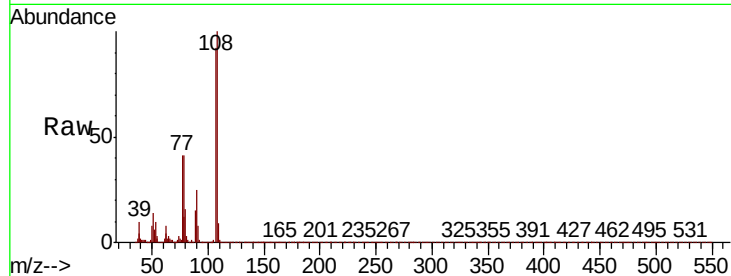
ClientSampleId :

LOD-MDL-SOIL-01-QT4-2019

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	108.6	89.3	133.9	
77	45.0	37.2	55.8	
79	44.8	37.0	55.4	

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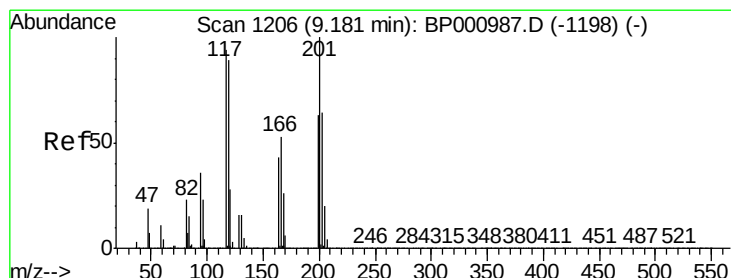
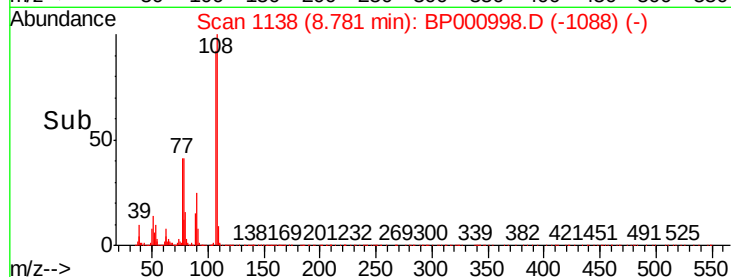
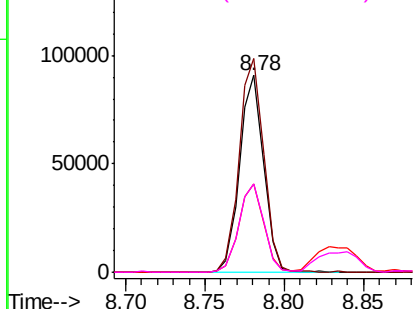
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BP0

Ion 79.00 (78.70 to 79.70): BP0



#18

Hexachloroethane

Concen: 7.404 ng

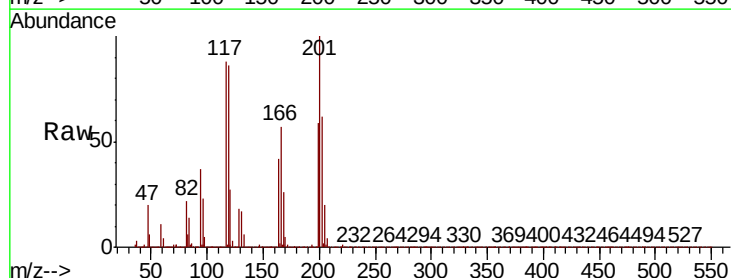
RT: 9.18 min Scan# 1206

Delta R.T. -0.00 min

Lab File: BP000998.D

Acq: 07 Nov 2019 11:37

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.9	75.5	113.3	
201	114.1	84.9	127.3	

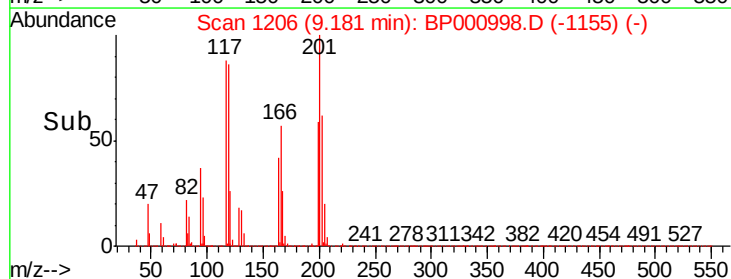
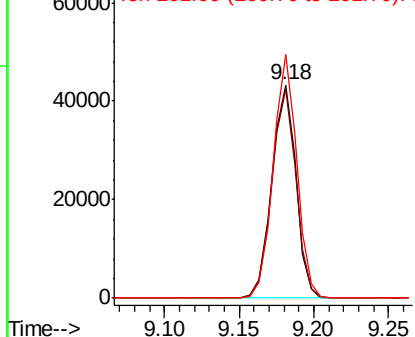


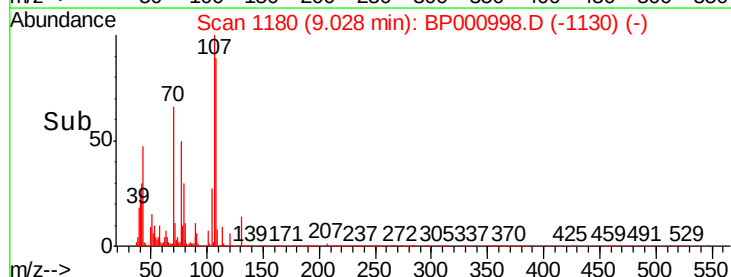
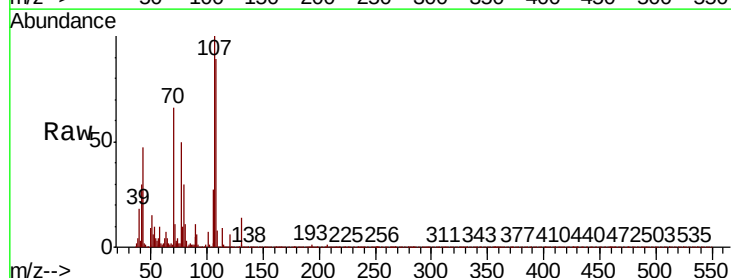
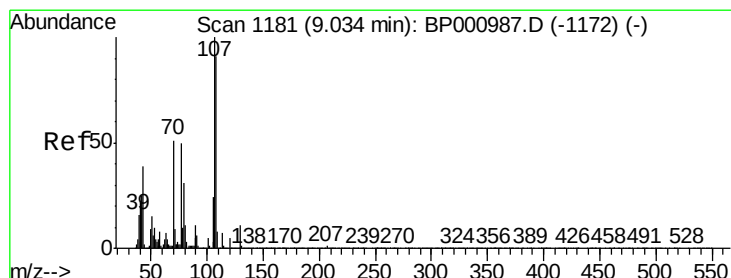
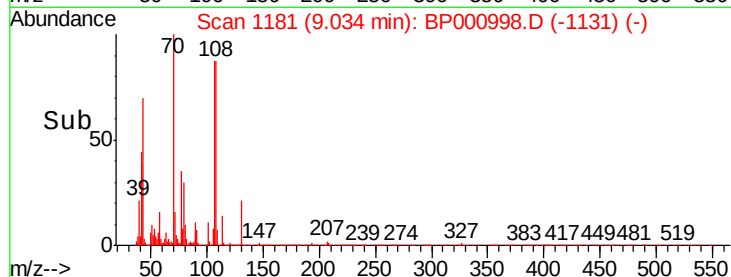
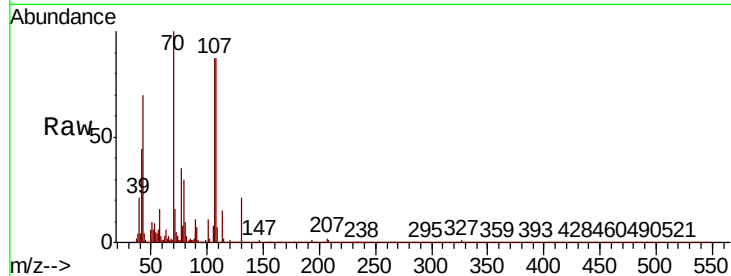
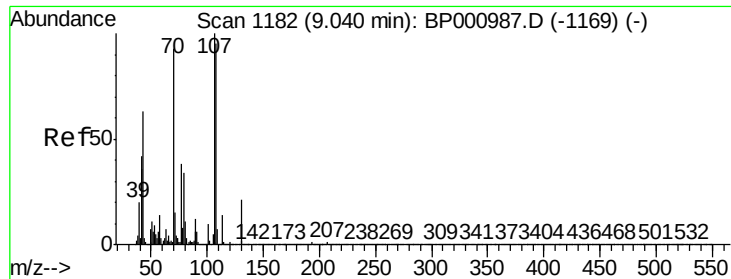
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





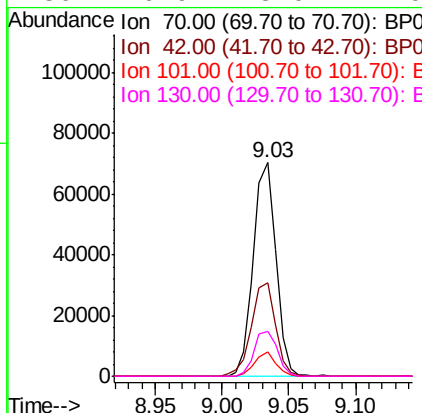
#19
n-Nitroso-di-n-propylamine
Concen: 8.074 ng
RT: 9.03 min Scan# 1181
Delta R.T. -0.01 min
Lab File: BP000998.D
Acq: 07 Nov 2019 11:37

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2019

Tot Ion	Ratio	Lower	Upper
70	100		
42	43.7	36.3	54.5
101	11.2	8.7	13.1
130	20.9	18.0	27.0

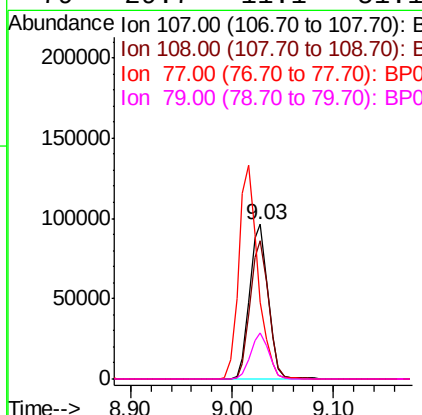
Manual Integrations
APPROVED

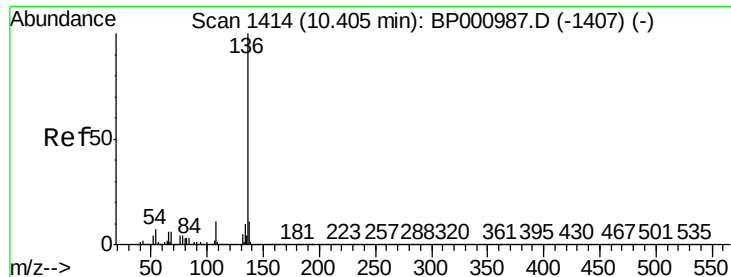
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#20
3+4-Methylphenols
Concen: 8.178 ng
RT: 9.03 min Scan# 1180
Delta R.T. -0.01 min
Lab File: BP000998.D
Acq: 07 Nov 2019 11:37

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.0	71.1	111.1
77	49.8	29.8	69.8
79	29.7	11.1	51.1





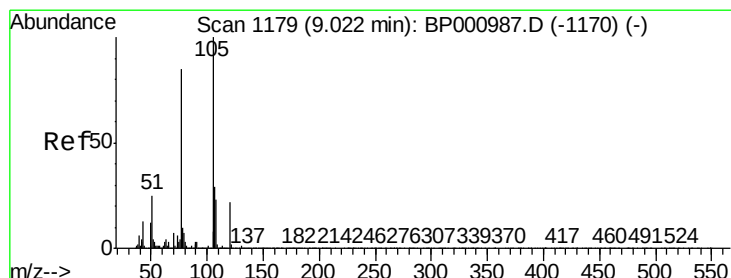
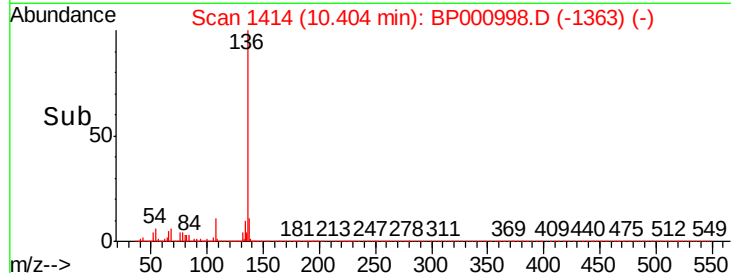
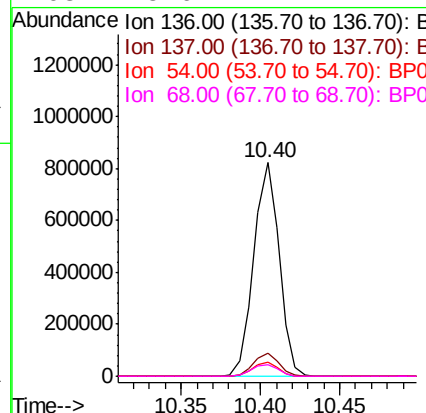
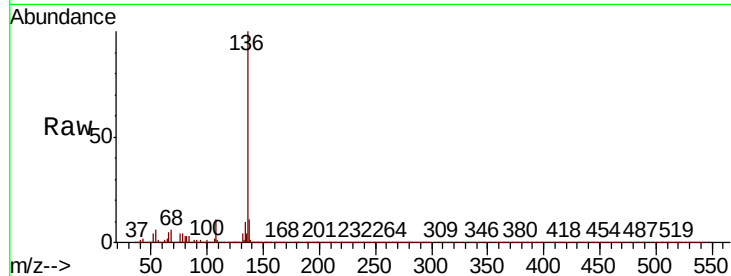
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.40 min Scan# 1414
Delta R.T. -0.00 min
Lab File: BP000998.D
Acq: 07 Nov 2019 11:37

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2019

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		914759		
137	11.0		9.0	13.6	
54	6.4		5.4	8.2	
68	5.6		4.7	7.1	

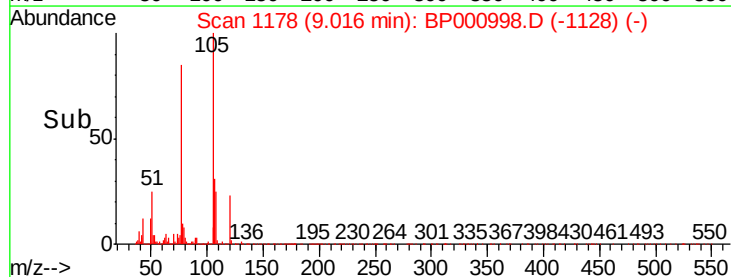
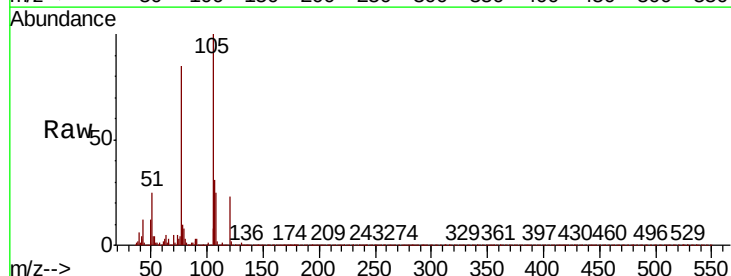
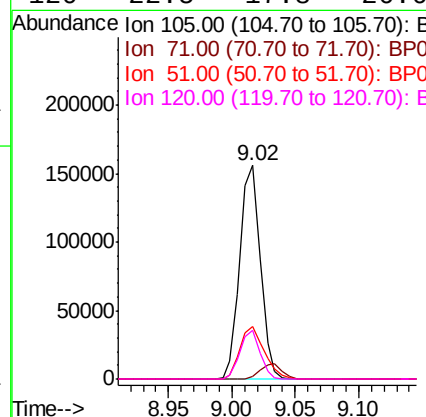
Manual Integrations
APPROVED

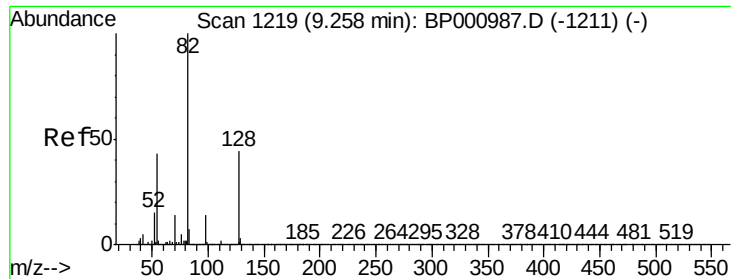
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#22
Acetophenone
Concen: 7.368 ng
RT: 9.02 min Scan# 1178
Delta R.T. -0.01 min
Lab File: BP000998.D
Acq: 07 Nov 2019 11:37

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		174062		
71	1.0		1.0	1.4	
51	24.9		19.9	29.9	
120	22.5		17.8	26.6	





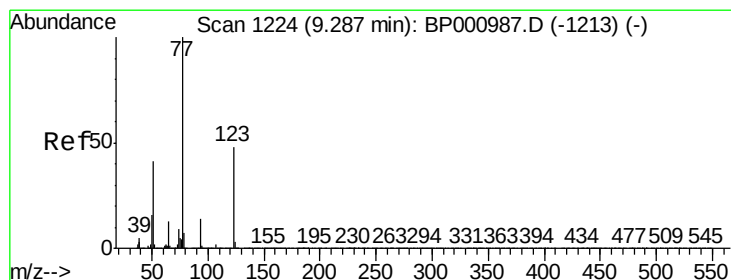
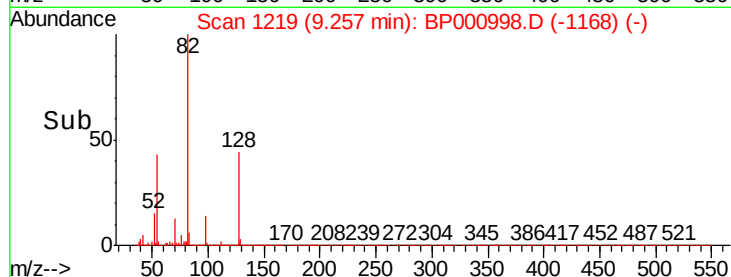
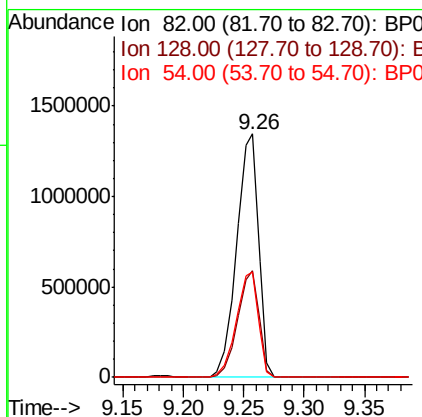
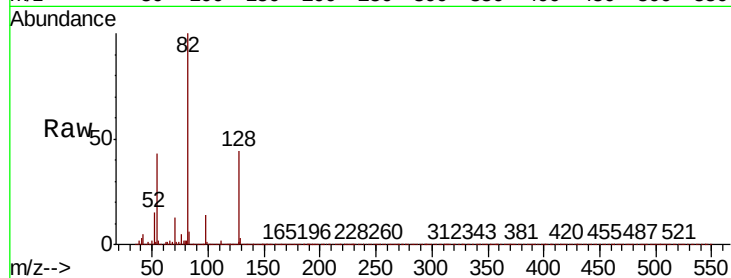
#23
Nitrobenzene-d5
Concen: 102.668 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.00 min
Lab File: BP000998.D
Acq: 07 Nov 2019 11:37

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2019

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.9	35.3	52.9
54	43.2	34.3	51.5

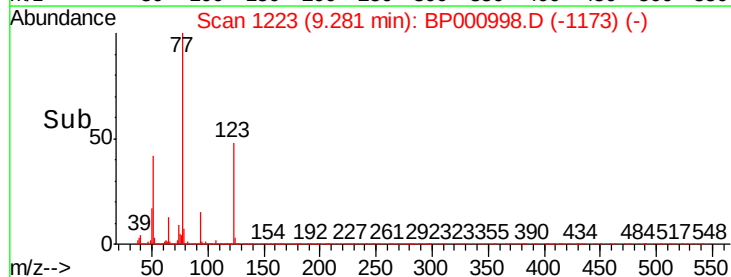
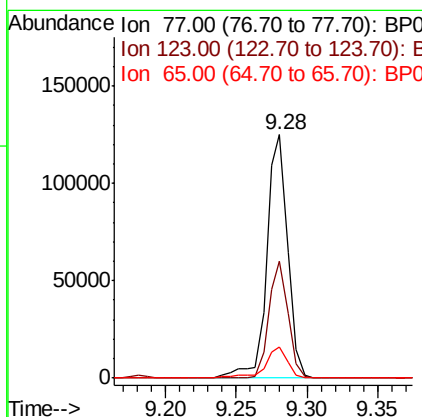
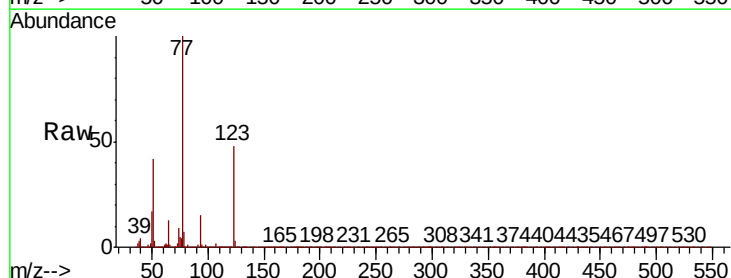
Manual Integrations
APPROVED

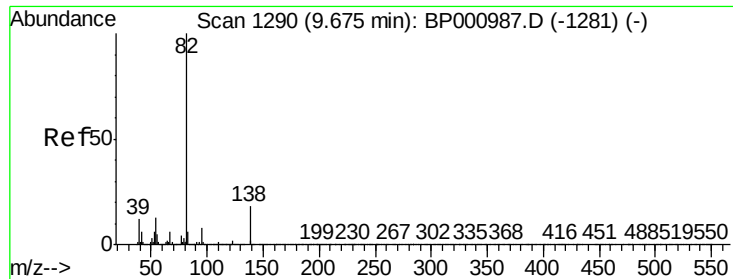
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#24
Nitrobenzene
Concen: 7.866 ng
RT: 9.28 min Scan# 1223
Delta R.T. -0.01 min
Lab File: BP000998.D
Acq: 07 Nov 2019 11:37

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.2	38.1	57.1
65	12.6	10.2	15.2





#25

Isophorone

Concen: 7.386 ng

RT: 9.67 min Scan# 1289

Delta R.T. -0.01 min

Lab File: BP000998.D

Acq: 07 Nov 2019 11:37

Instrument :

BNA_P

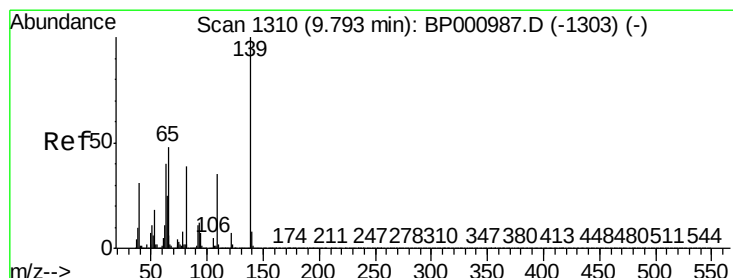
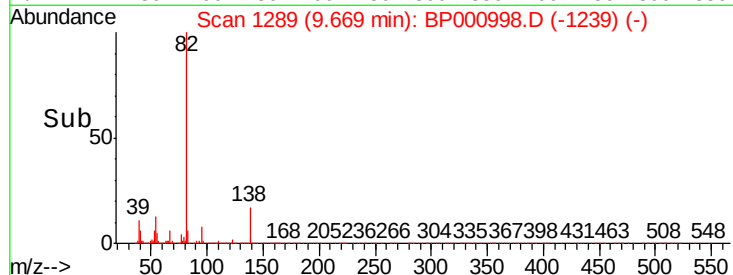
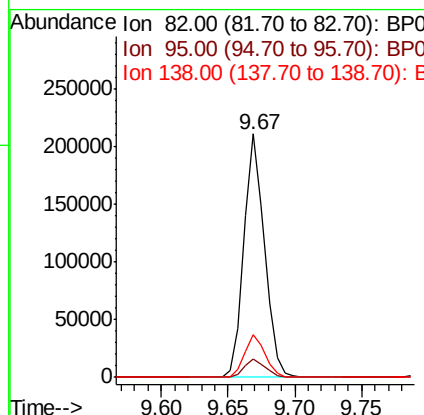
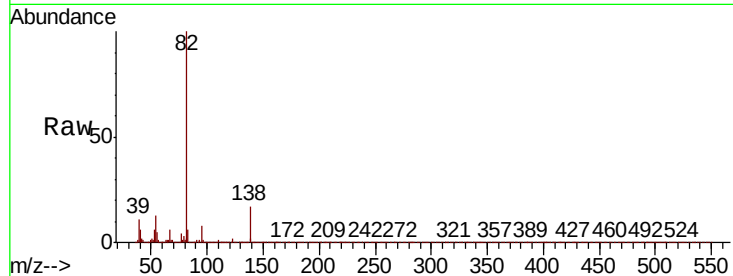
ClientSampleId :

LOD-MDL-SOIL-01-QT4-2019

Tot Ion:	82	Resp:	224801
Ion Ratio	Lower	Upper	
82	100		
95	7.6	6.2	9.4
138	17.4	14.2	21.4

Manual Integrations
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#26

2-Nitrophenol

Concen: 5.753 ng

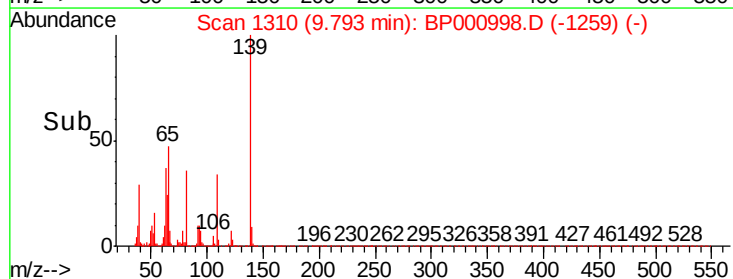
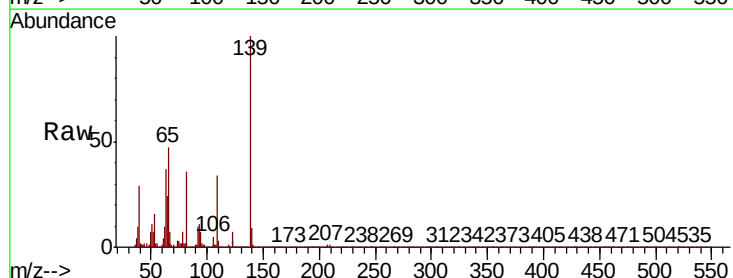
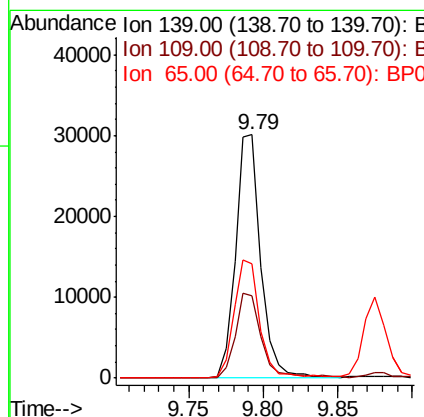
RT: 9.79 min Scan# 1310

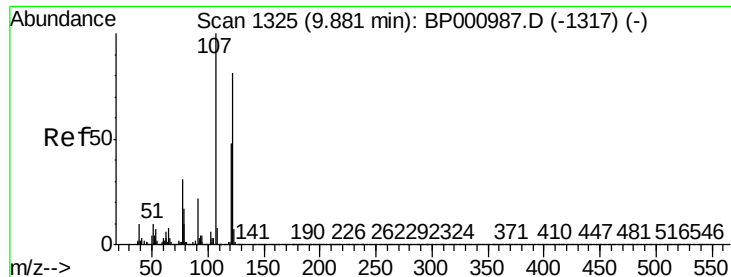
Delta R.T. -0.00 min

Lab File: BP000998.D

Acq: 07 Nov 2019 11:37

Tgt Ion:	139	Resp:	35675
Ion Ratio	Lower	Upper	
139	100		
109	33.7	27.7	41.5
65	46.7	38.2	57.4





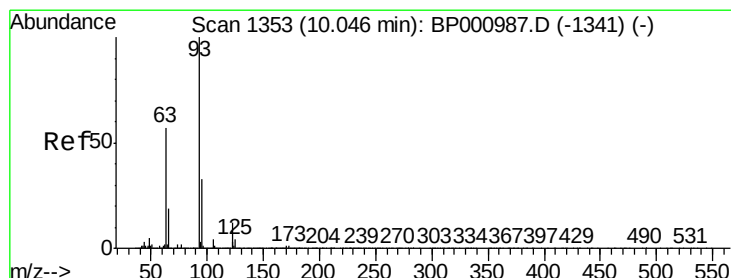
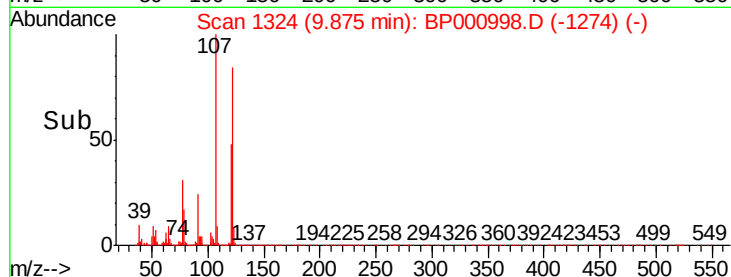
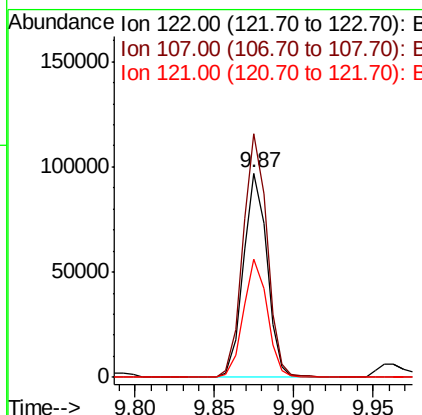
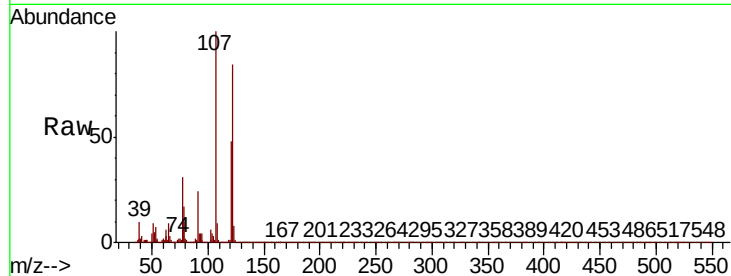
#27
2,4-Dimethylphenol
Concen: 8.624 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BP000998.D
Acq: 07 Nov 2019 11:37

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2019

Tot Ion	Ratio	Resp Lower	Upper
122	100		
107	119.3	99.3	148.9
121	57.6	47.9	71.9

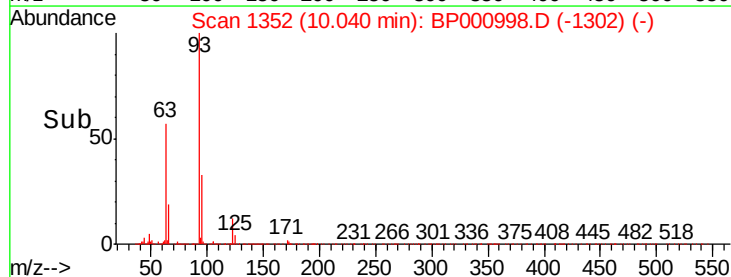
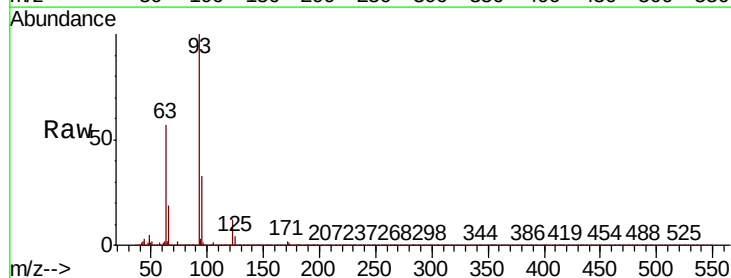
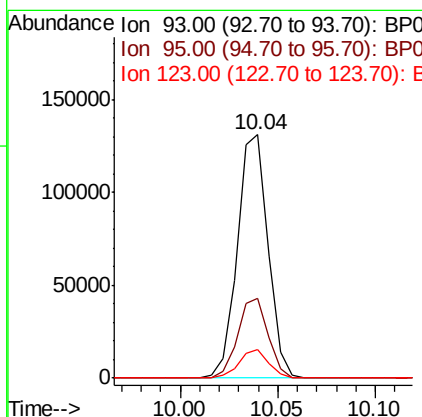
Manual Integrations
APPROVED

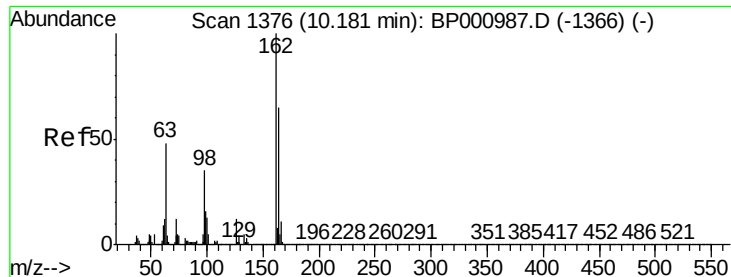
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#28
bis(2-Chloroethoxy)methane
Concen: 7.150 ng
RT: 10.04 min Scan# 1352
Delta R.T. -0.01 min
Lab File: BP000998.D
Acq: 07 Nov 2019 11:37

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
95	32.8	26.1	39.1
123	11.6	9.6	14.4





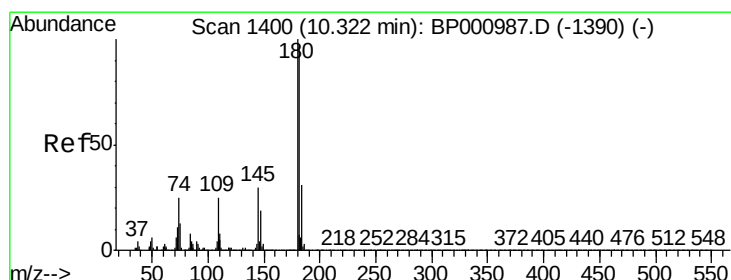
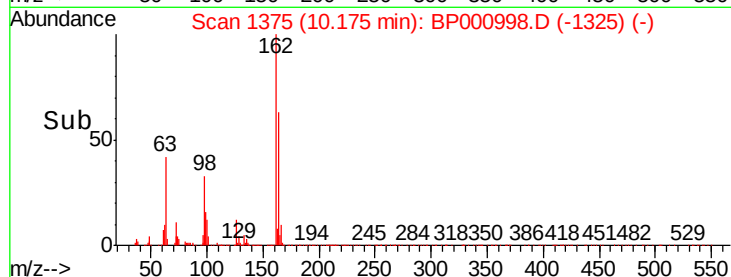
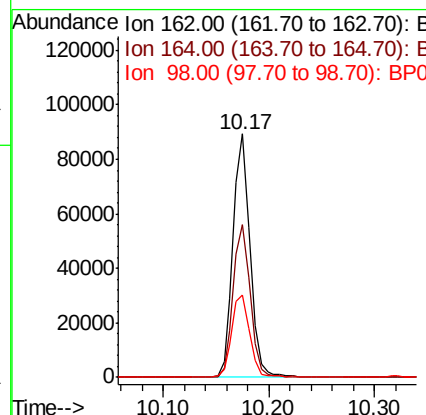
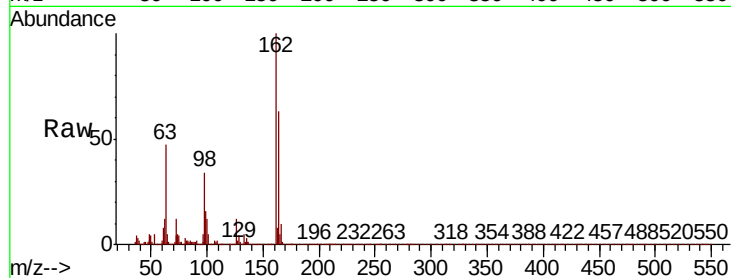
#29
2,4-Dichlorophenol
Concen: 7.109 ng
RT: 10.17 min Scan# 1375
Delta R.T. -0.01 min
Lab File: BP000998.D
Acq: 07 Nov 2019 11:37

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2019

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.9	44.5	84.5
98	33.8	15.2	55.2

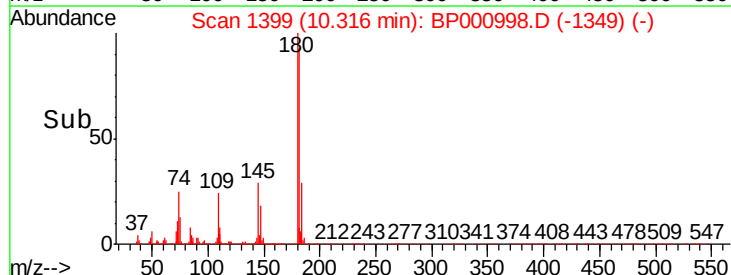
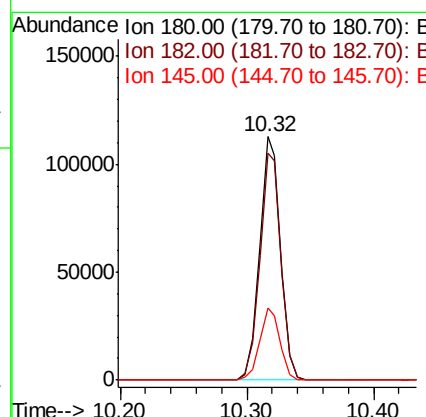
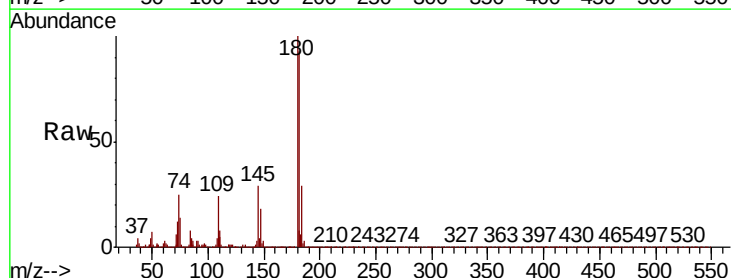
Manual Integrations
APPROVED

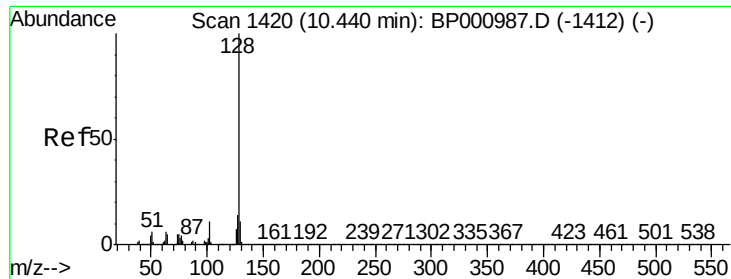
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#30
1,2,4-Trichlorobenzene
Concen: 7.495 ng
RT: 10.32 min Scan# 1399
Delta R.T. -0.01 min
Lab File: BP000998.D
Acq: 07 Nov 2019 11:37

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.2	77.8	116.6
145	29.4	24.2	36.4





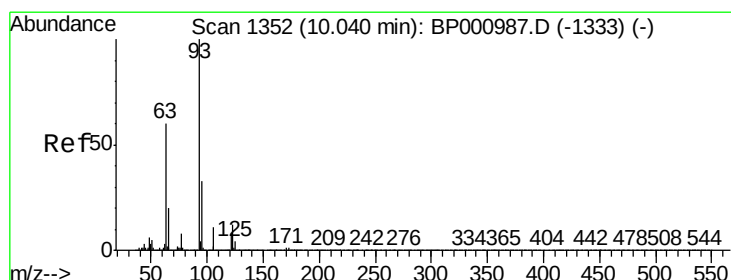
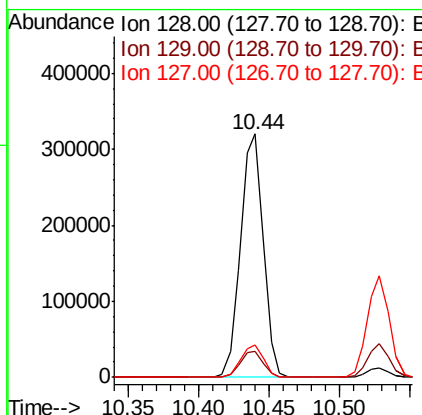
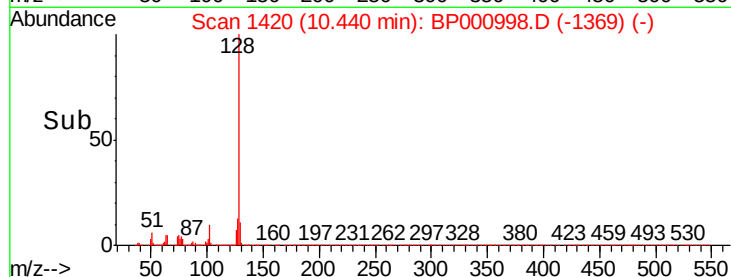
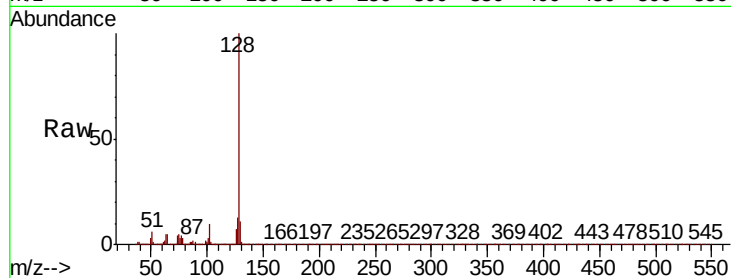
#31
Naphthalene
Concen: 7.850 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.00 min
Lab File: BP000998.D
Acq: 07 Nov 2019 11:37

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2019

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	10.9	8.7	13.1	
127	13.4	10.8	16.2	

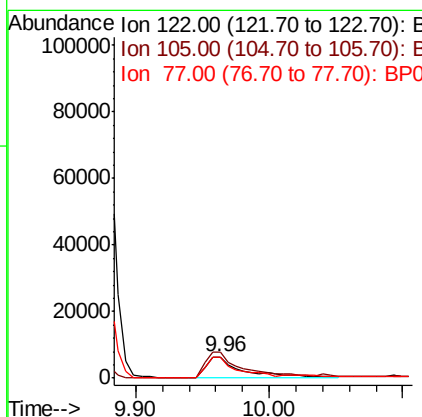
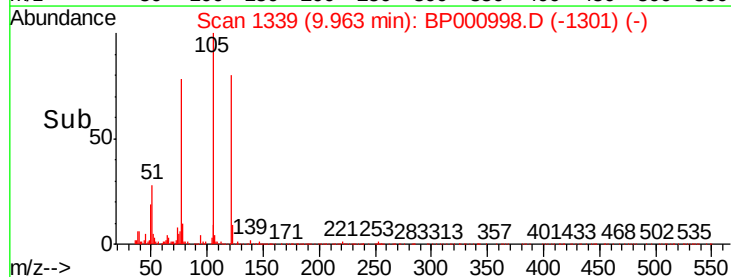
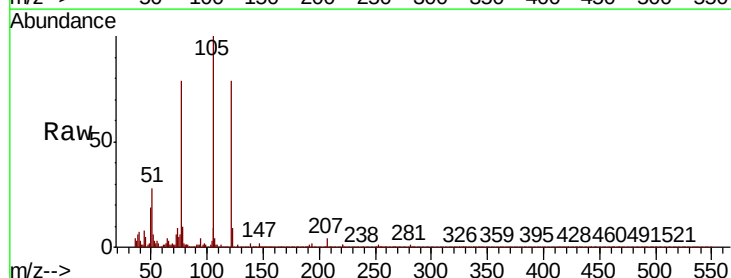
Manual Integrations
APPROVED

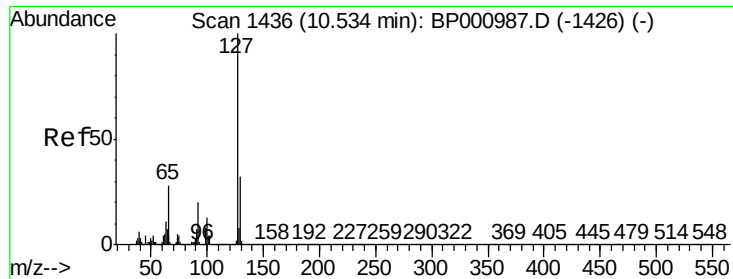
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#32
Benzoic acid
Concen: 1.801 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.08 min
Lab File: BP000998.D
Acq: 07 Nov 2019 11:37

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	125.8	110.5	150.5	
77	99.2	77.9	117.9	





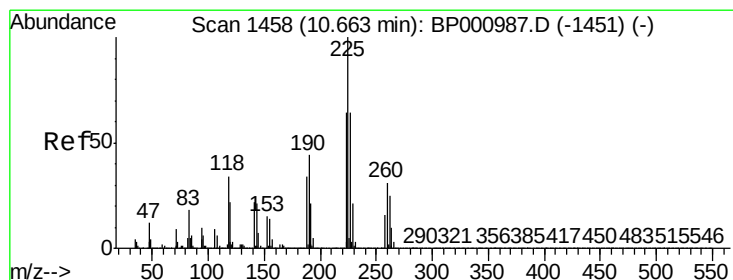
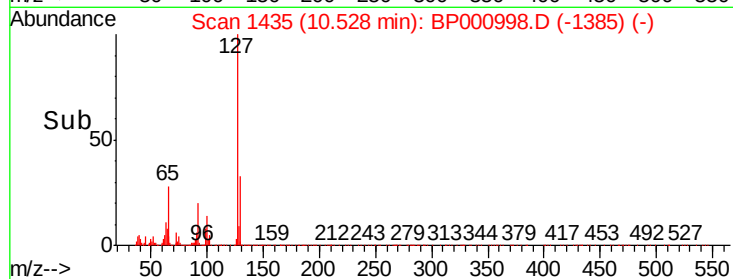
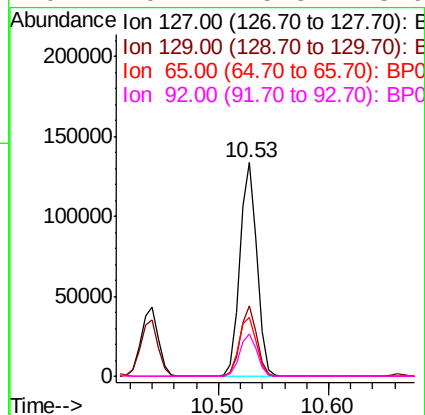
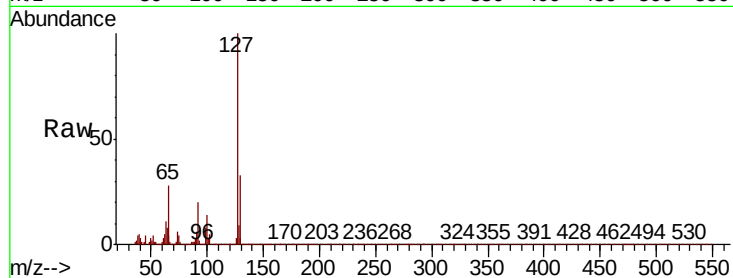
#33
4-Chloroaniline
Concen: 7.395 ng
RT: 10.53 min Scan# 1435
Delta R.T. -0.01 min
Lab File: BP000998.D
Acq: 07 Nov 2019 11:37

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2019

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.8	25.8	38.6
65	27.8	22.7	34.1
92	19.7	15.8	23.6

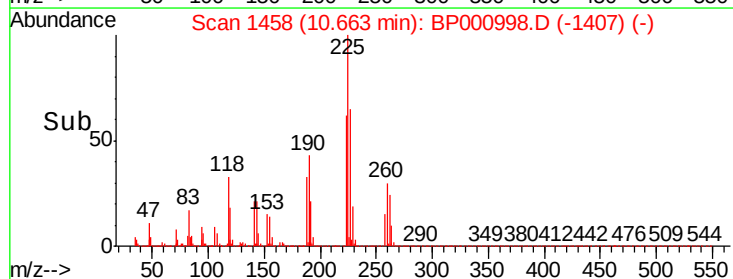
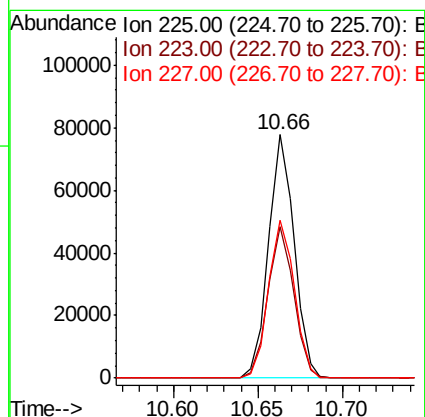
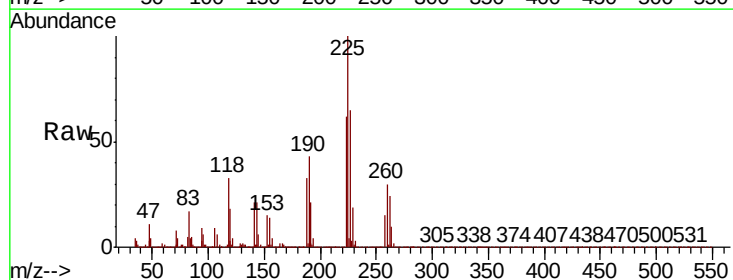
Manual Integrations
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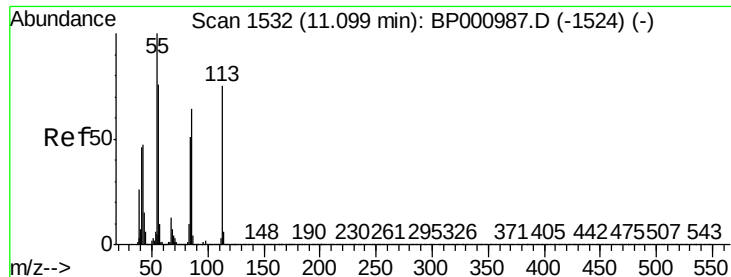
Sohil
11/8/2019 3:33:46 PM



#34
Hexachlorobutadiene
Concen: 7.165 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.00 min
Lab File: BP000998.D
Acq: 07 Nov 2019 11:37

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.3	51.1	76.7
227	64.7	51.4	77.2





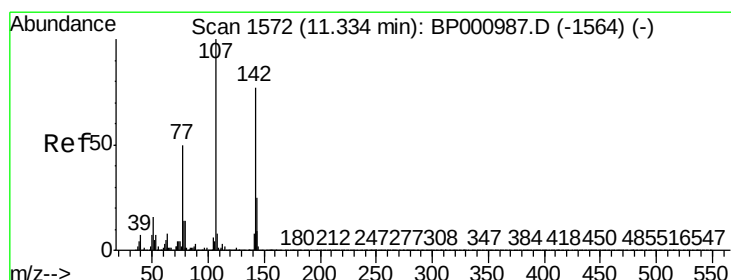
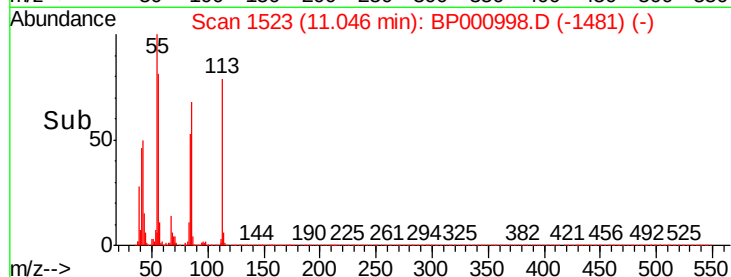
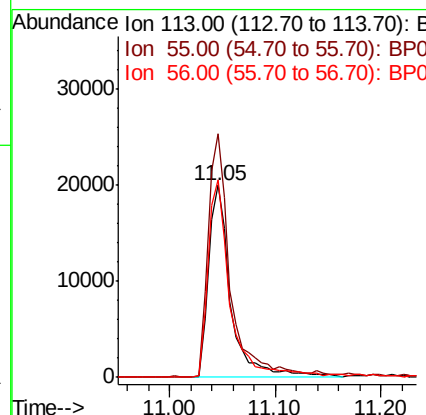
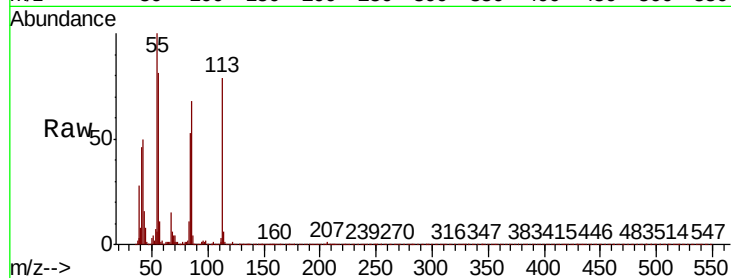
#35
 Caprolactam
 Concen: 6.565 ng
 RT: 11.05 min Scan# 1523
 Delta R.T. -0.05 min
 Lab File: BP000998.D
 Acq: 07 Nov 2019 11:37

Instrument :
 BNA_P
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2019

Tot Ion	Ratio	Lower	Upper
113	100		
55	126.9	114.2	154.2
56	102.7	81.9	121.9

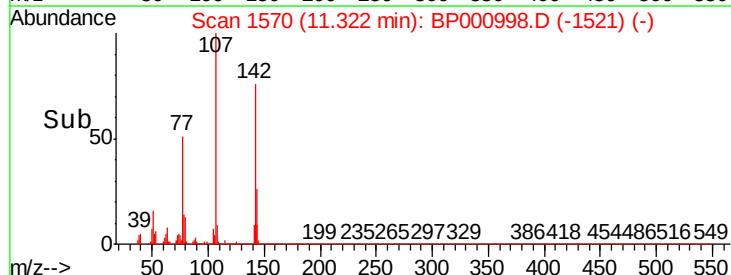
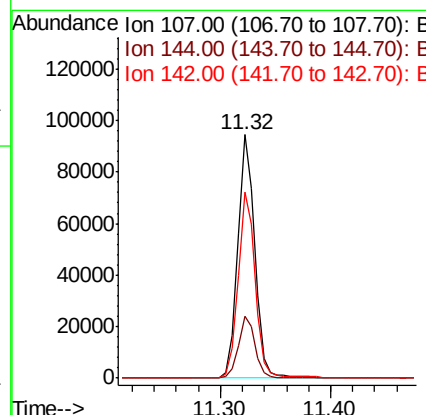
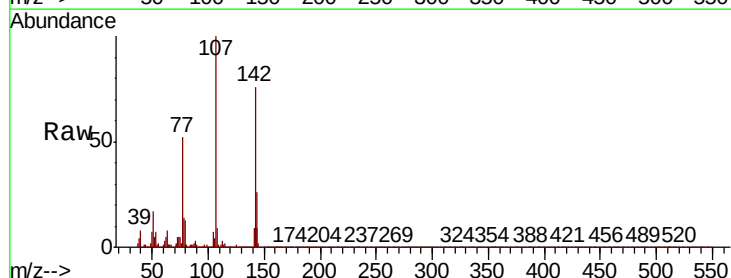
Manual Integrations
 APPROVED

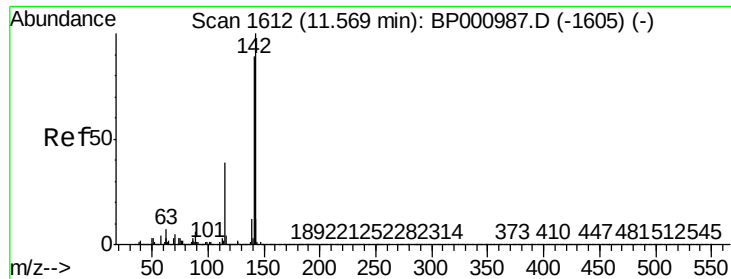
Sohil
 11/8/2019 3:33:46 PM



#36
 4-Chloro-3-methylphenol
 Concen: 7.071 ng
 RT: 11.32 min Scan# 1570
 Delta R.T. -0.01 min
 Lab File: BP000998.D
 Acq: 07 Nov 2019 11:37

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.5	20.0	30.0
142	76.3	61.9	92.9





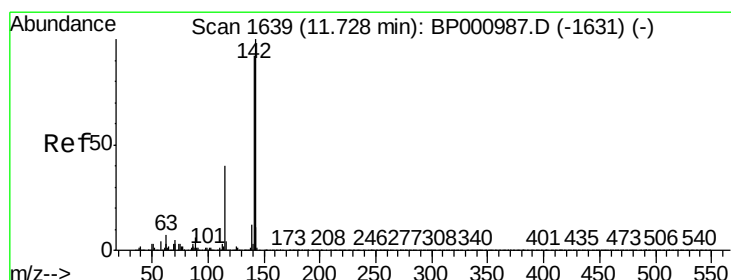
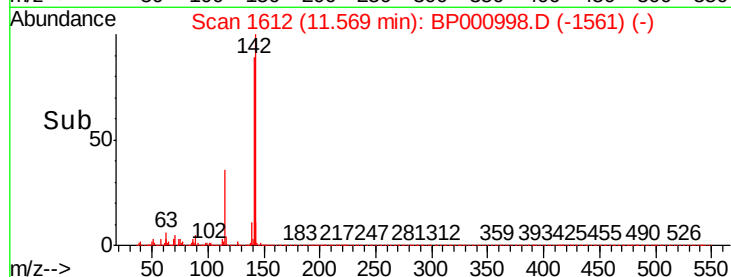
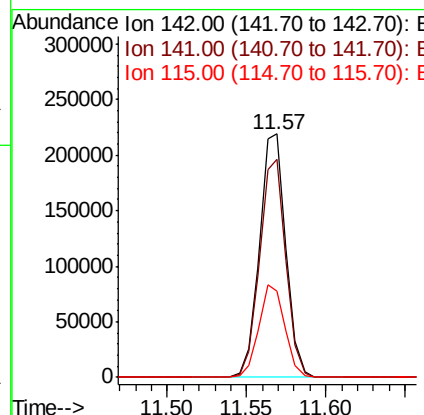
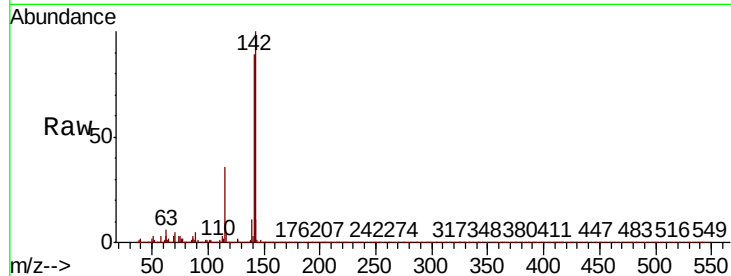
#37
2-Methylnaphthalene
Concen: 7.895 ng
RT: 11.57 min Scan# 1612
Delta R.T. -0.00 min
Lab File: BP000998.D
Acq: 07 Nov 2019 11:37

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2019

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.5	71.5	107.3
115	35.5	30.8	46.2

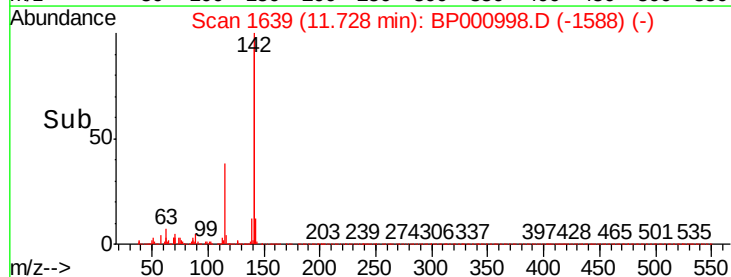
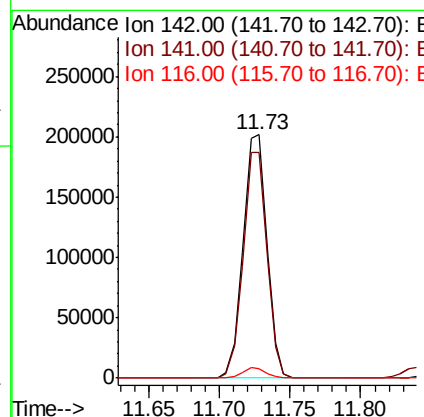
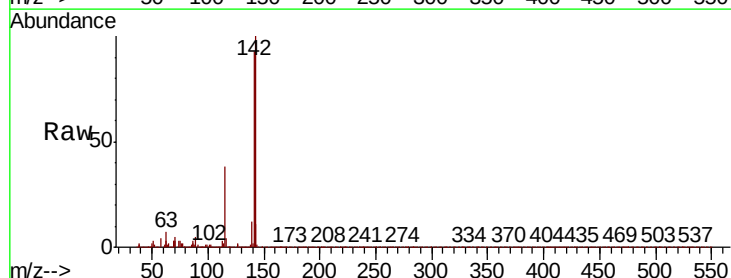
Manual Integrations
APPROVED

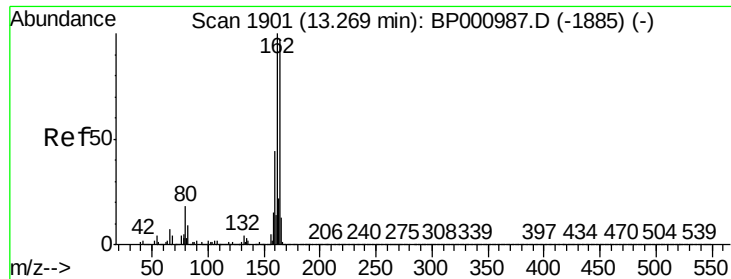
Sohil
11/8/2019 3:33:46 PM



#38
1-Methylnaphthalene
Concen: 7.875 ng
RT: 11.73 min Scan# 1639
Delta R.T. -0.00 min
Lab File: BP000998.D
Acq: 07 Nov 2019 11:37

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.9	73.9	110.9
116	3.8	3.4	5.0





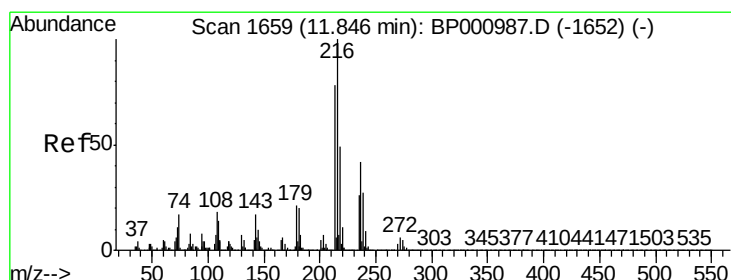
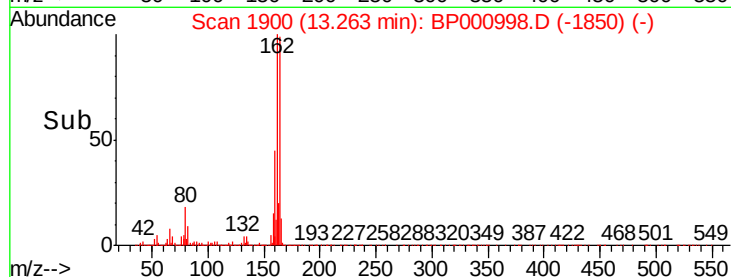
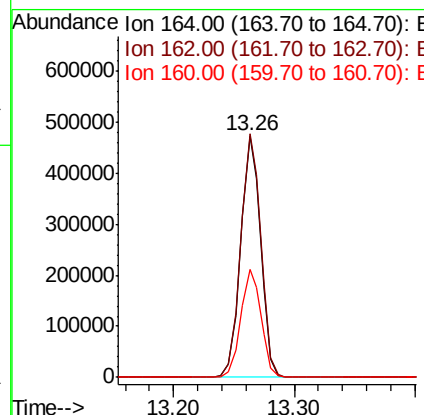
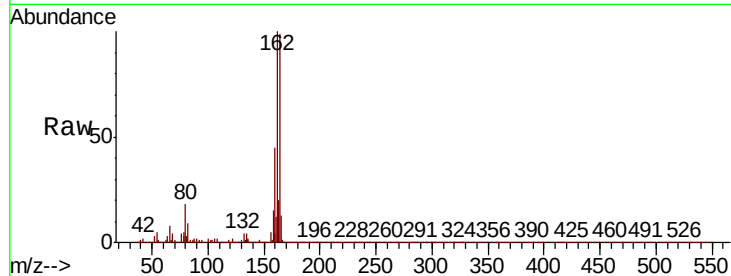
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.26 min Scan# 1900
Delta R.T. -0.01 min
Lab File: BP000998.D
Acq: 07 Nov 2019 11:37

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2019

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.0	82.6	123.8
160	45.0	36.5	54.7

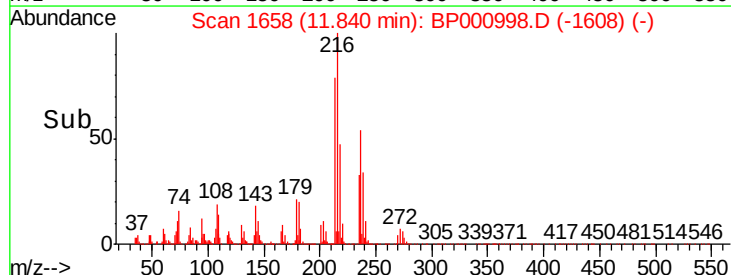
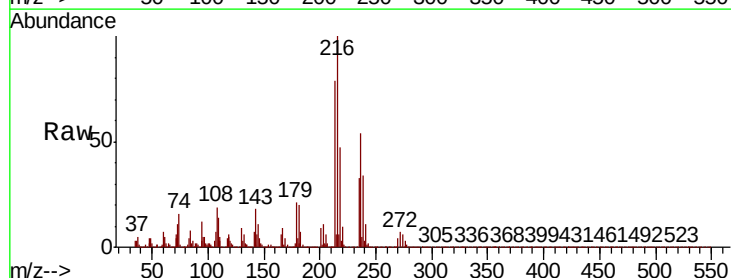
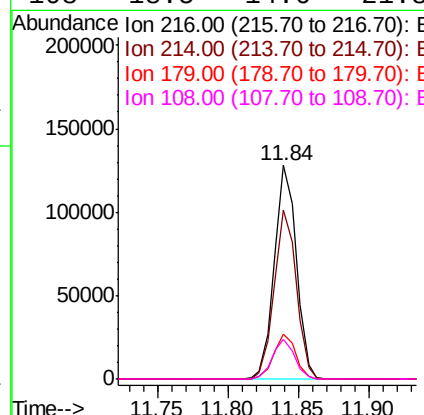
Manual Integrations
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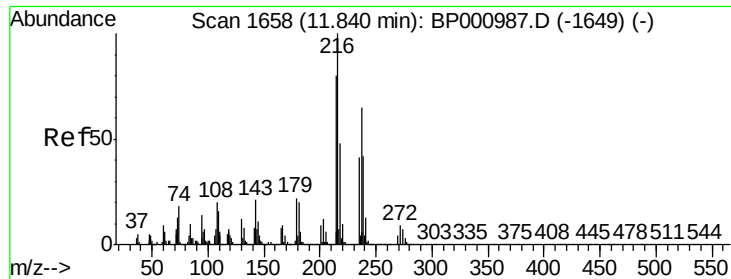
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 7.782 ng
RT: 11.84 min Scan# 1658
Delta R.T. -0.01 min
Lab File: BP000998.D
Acq: 07 Nov 2019 11:37

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.3	62.8	94.2
179	20.8	16.8	25.2
108	18.5	14.6	21.8





#41

Hexachlorocyclopentadiene

Concen: 8.359 ng

RT: 11.84 min Scan# 1658

Delta R.T. -0.00 min

Lab File: BP000998.D

Acq: 07 Nov 2019 11:37

Instrument :

BNA_P

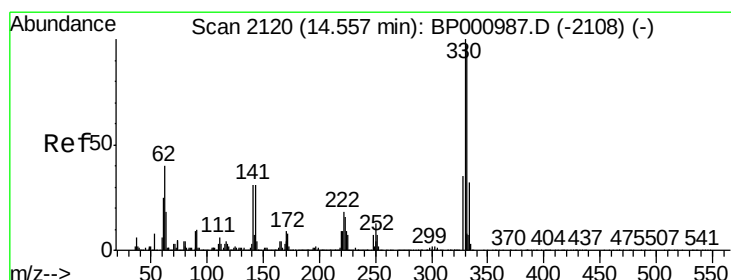
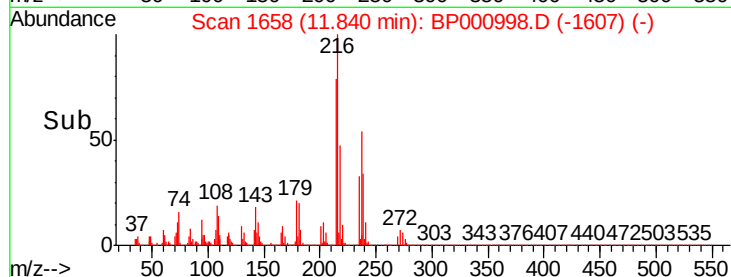
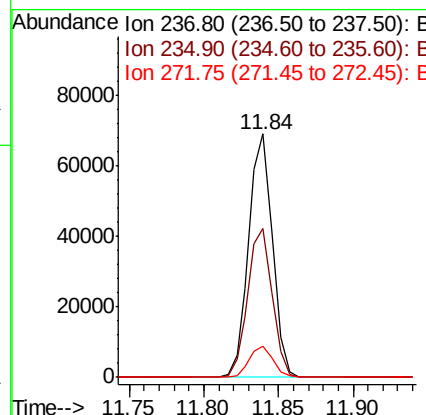
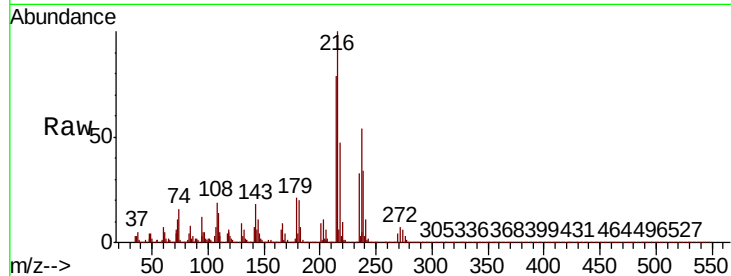
ClientSampleId :

LOD-MDL-SOIL-01-QT4-2019

Tot Ion:	237	Resp:	75844
Ion Ratio	Lower	Upper	
237	100		
235	61.1	43.1	83.1
272	12.7	0.0	33.1

Manual Integrations
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#42

2,4,6-Tribromophenol

Concen: 139.200 ng

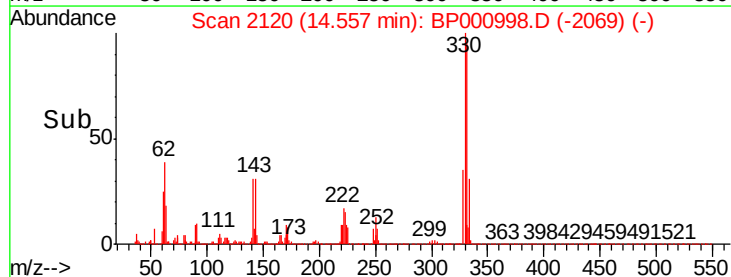
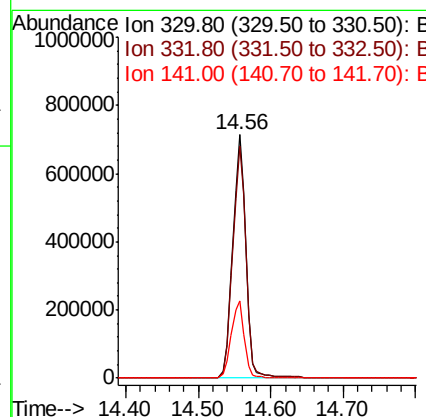
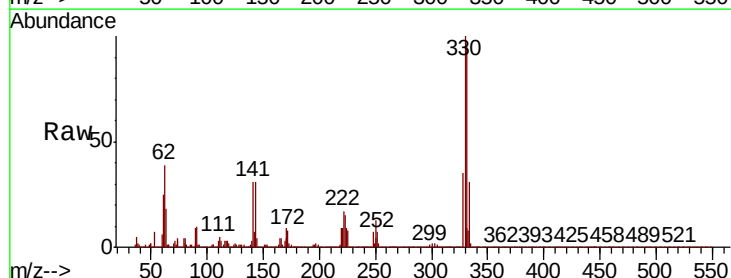
RT: 14.56 min Scan# 2120

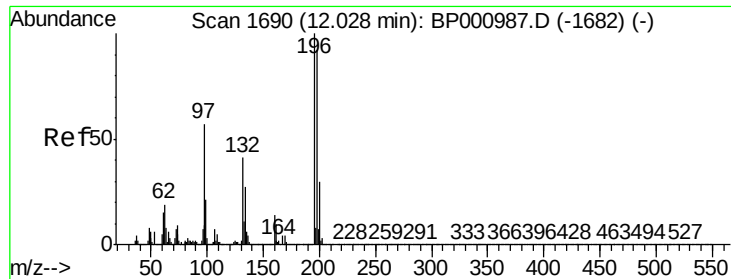
Delta R.T. -0.00 min

Lab File: BP000998.D

Acq: 07 Nov 2019 11:37

Tgt Ion:	330	Resp:	903888
Ion Ratio	Lower	Upper	
330	100		
332	96.3	78.3	117.5
141	31.8	25.0	37.4





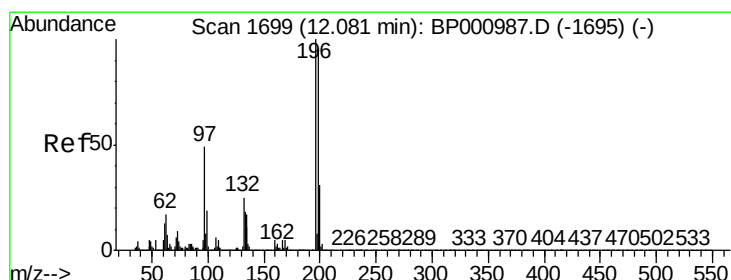
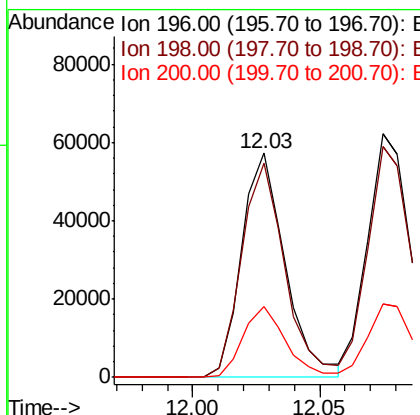
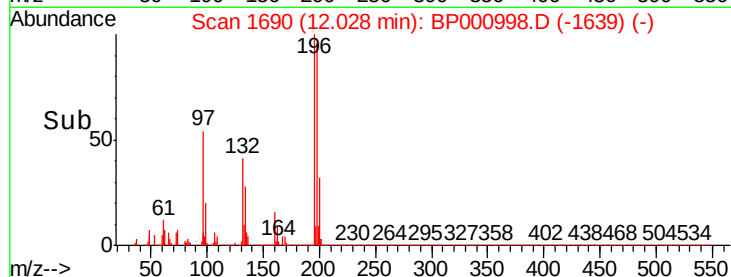
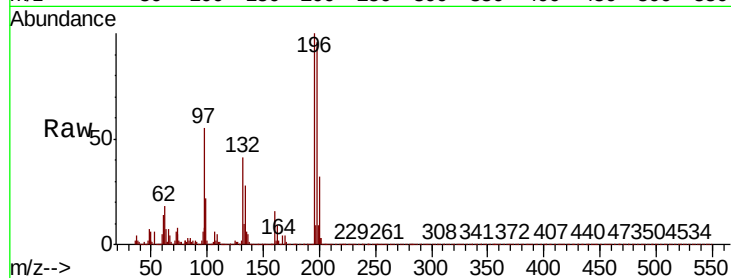
#43
2,4,6-Trichlorophenol
Concen: 6.252 ng
RT: 12.03 min Scan# 1690
Delta R.T. -0.00 min
Lab File: BP000998.D
Acq: 07 Nov 2019 11:37

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2019

Tot Ion	Ratio	Lower	Upper
196	100		
198	95.6	74.0	111.0
200	31.6	24.2	36.4

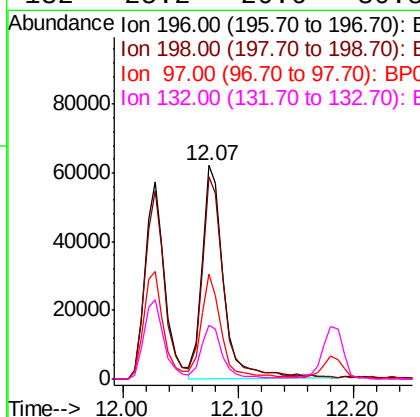
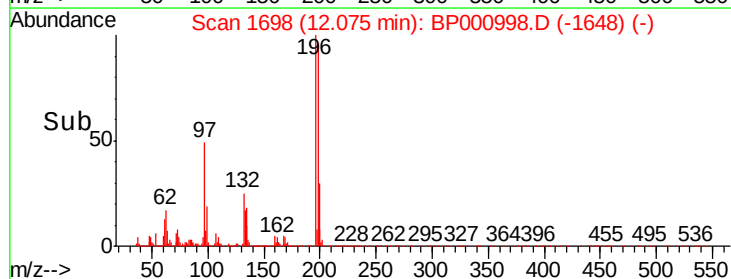
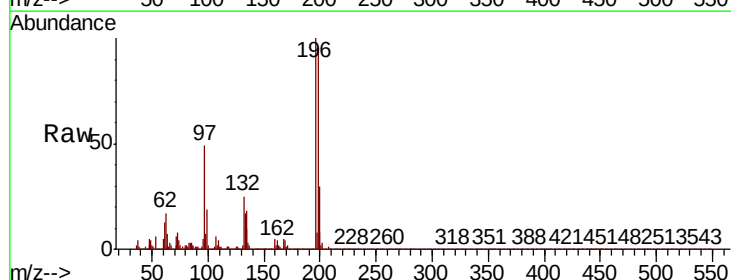
Manual Integrations
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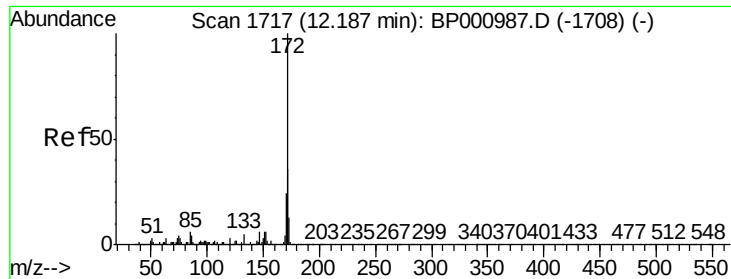
Sohil
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#44
2,4,5-Trichlorophenol
Concen: 6.844 ng
RT: 12.07 min Scan# 1698
Delta R.T. -0.01 min
Lab File: BP000998.D
Acq: 07 Nov 2019 11:37

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.6	76.3	114.5
97	49.0	39.1	58.7
132	25.2	20.6	30.8





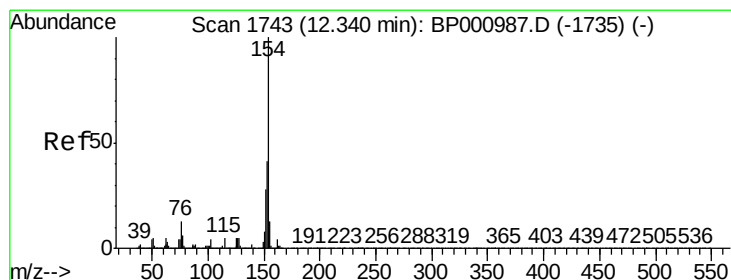
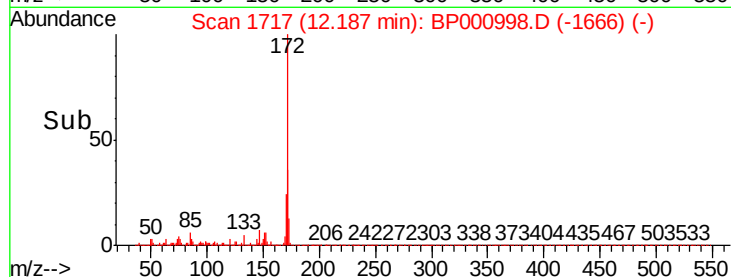
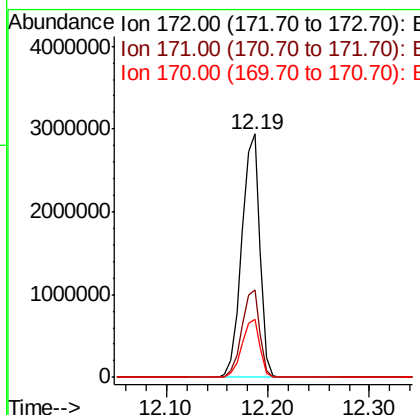
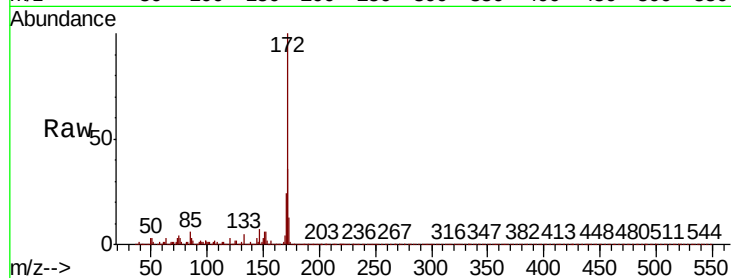
#45
2-Fluorobiphenyl
Concen: 99.851 ng
RT: 12.19 min Scan# 1717
Delta R.T. -0.00 min
Lab File: BP000998.D
Acq: 07 Nov 2019 11:37

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2019

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.5	42.7
170	24.0	18.9	28.3

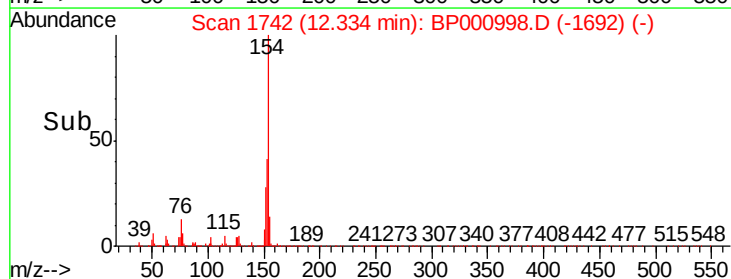
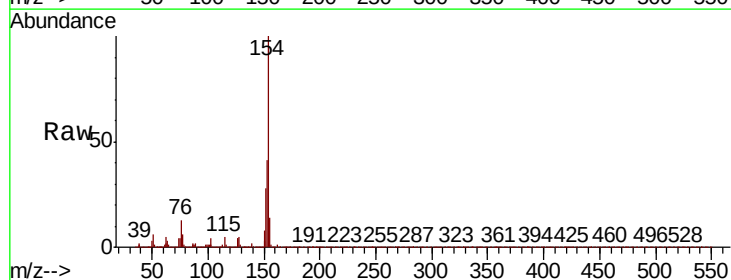
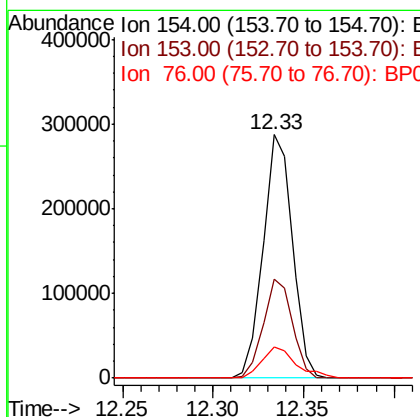
Manual Integrations
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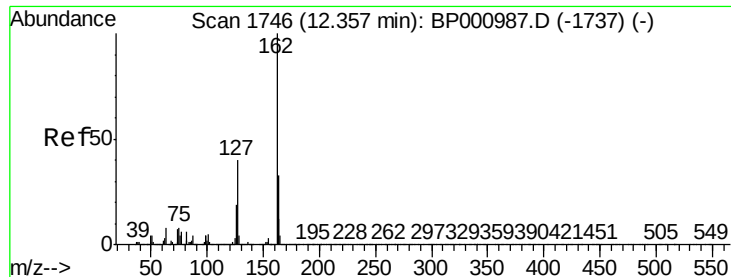
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#46
1,1'-Biphenyl
Concen: 7.915 ng
RT: 12.33 min Scan# 1742
Delta R.T. -0.01 min
Lab File: BP000998.D
Acq: 07 Nov 2019 11:37

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.5	20.9	60.9
76	12.9	0.0	32.5





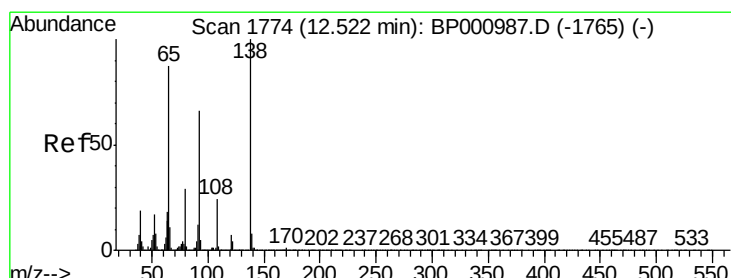
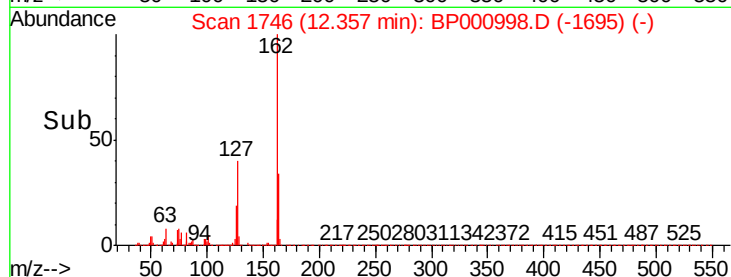
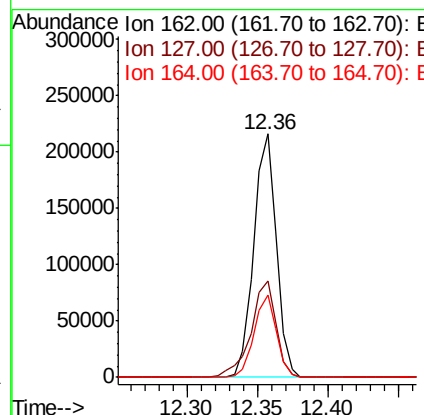
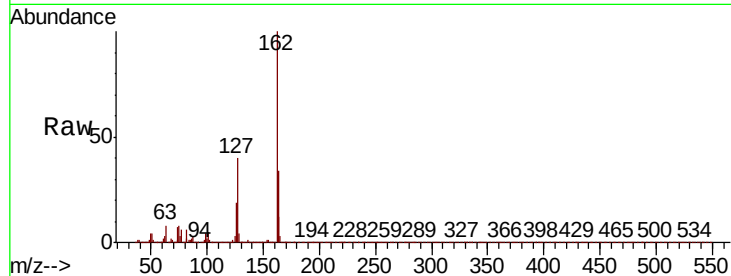
#47
2-Chloronaphthalene
Concen: 7.443 ng
RT: 12.36 min Scan# 1746
Delta R.T. -0.00 min
Lab File: BP000998.D
Acq: 07 Nov 2019 11:37

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2019

Tot Ion	Ratio	Resp Lower	Upper
162	100		
127	39.8	32.1	48.1
164	33.9	26.1	39.1

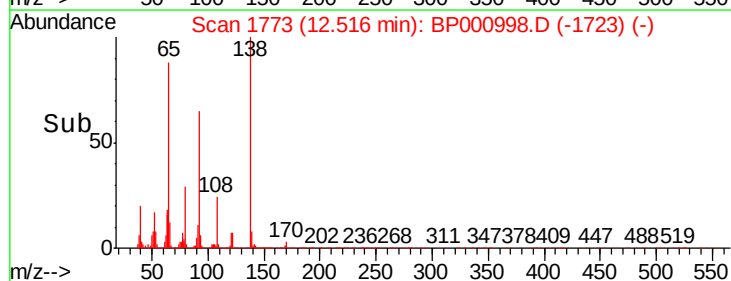
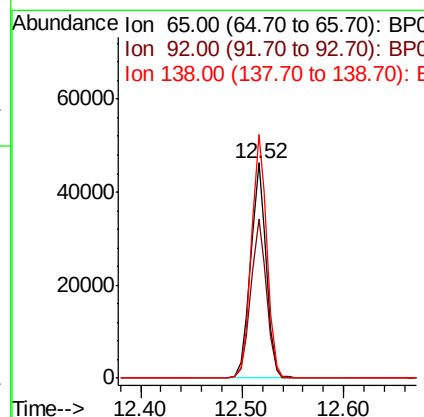
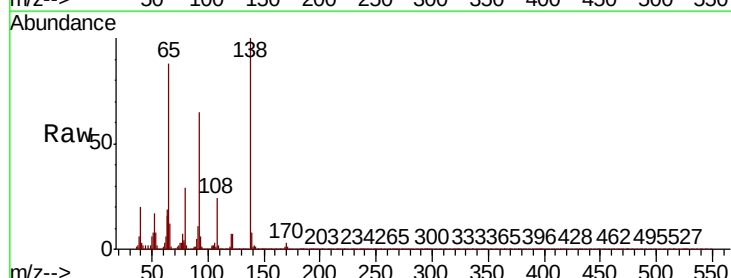
Manual Integrations
APPROVED

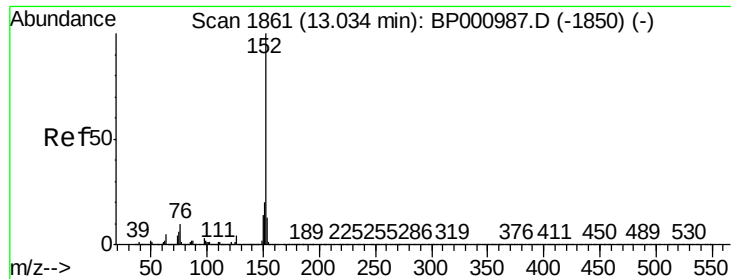
Sohil
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#48
2-Nitroaniline
Concen: 5.767 ng
RT: 12.52 min Scan# 1773
Delta R.T. -0.01 min
Lab File: BP000998.D
Acq: 07 Nov 2019 11:37

Tgt Ion	Ratio	Resp Lower	Upper
65	100		
92	74.1	61.4	92.2
138	113.3	92.5	138.7





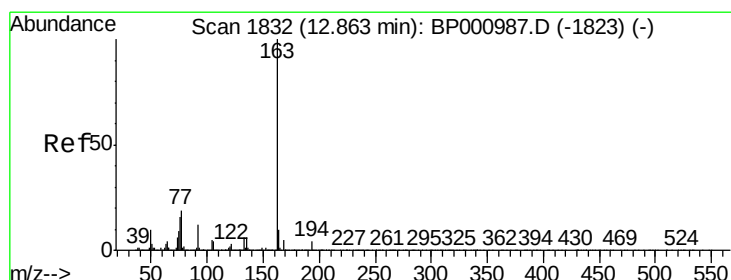
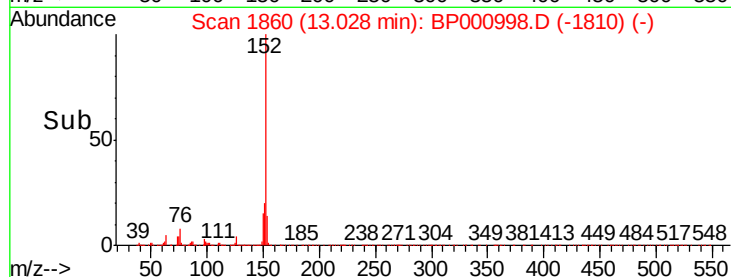
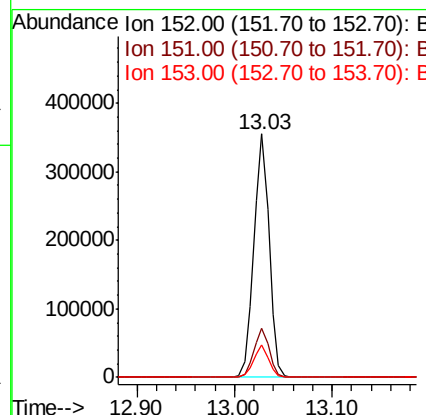
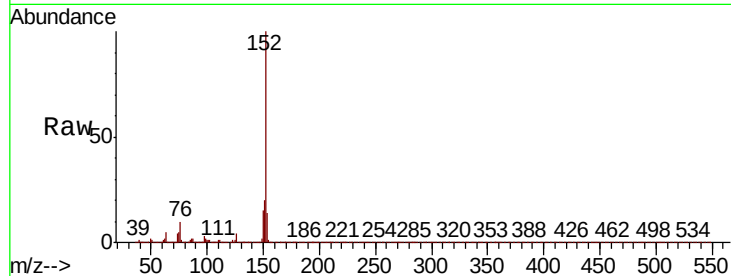
#49
Acenaphthylene
Concen: 7.848 ng
RT: 13.03 min Scan# 1860
Delta R.T. -0.01 min
Lab File: BP000998.D
Acq: 07 Nov 2019 11:37

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2019

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.0	24.0
153	13.5	10.6	16.0

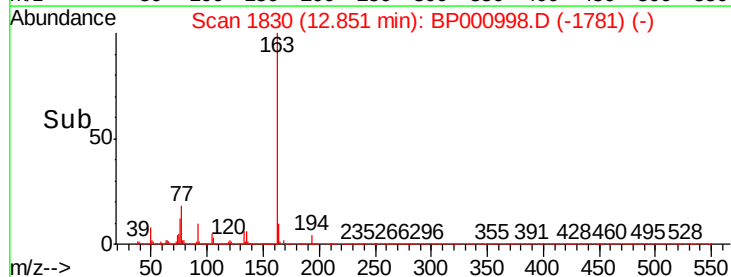
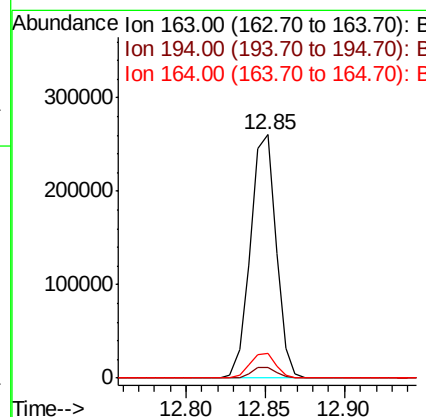
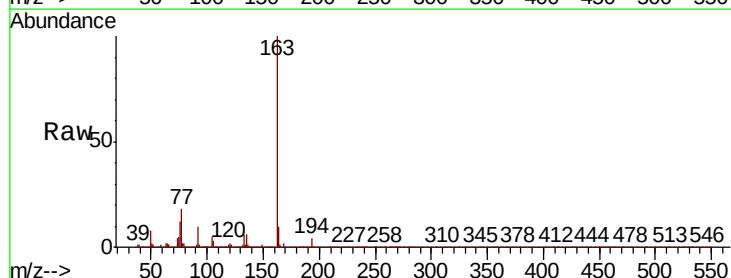
Manual Integrations
APPROVED

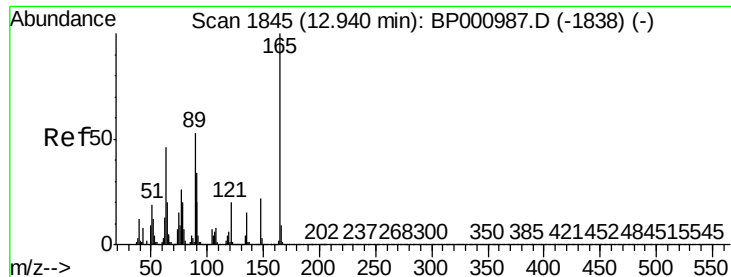
Sohil
11/8/2019 3:33:46 PM



#50
Dimethylphthalate
Concen: 7.315 ng
RT: 12.85 min Scan# 1830
Delta R.T. -0.01 min
Lab File: BP000998.D
Acq: 07 Nov 2019 11:37

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.4	5.2
164	10.0	7.9	11.9





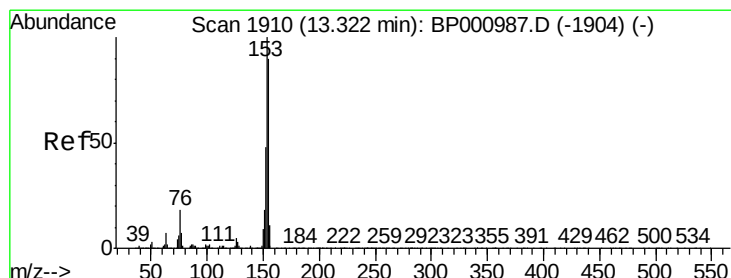
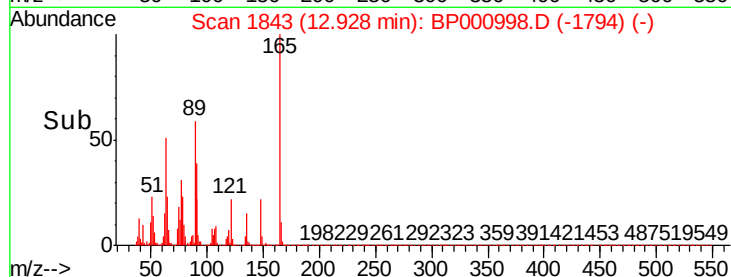
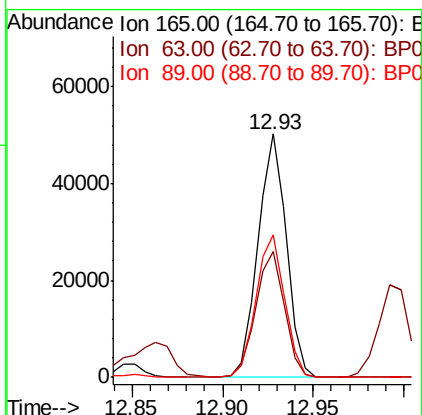
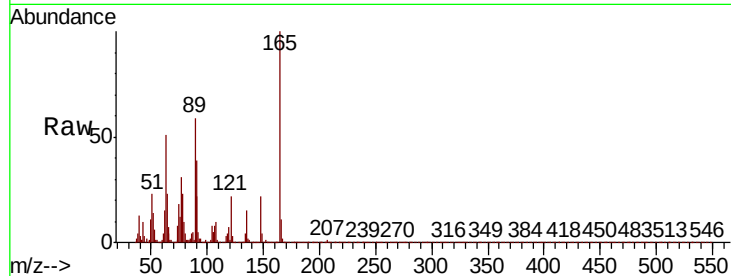
#51
2,6-Dinitrotoluene
Concen: 6.487 ng
RT: 12.93 min Scan# 1843
Delta R.T. -0.01 min
Lab File: BP000998.D
Acq: 07 Nov 2019 11:37

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2019

Tot Ion	Ratio	Lower	Upper
165	100		
63	51.4	36.7	55.1
89	58.7	42.3	63.5

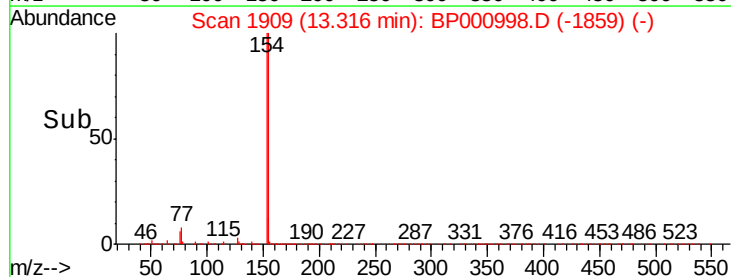
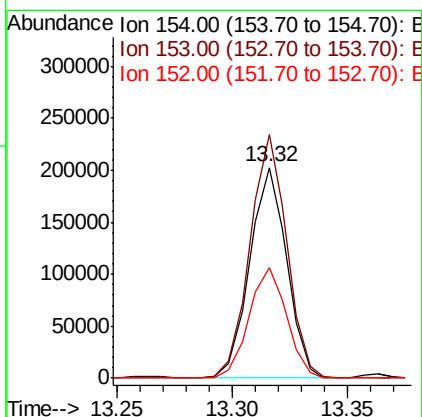
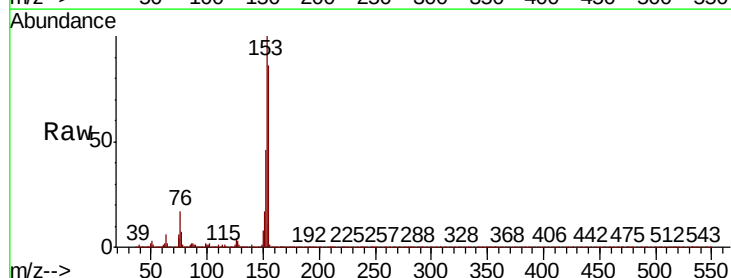
Manual Integrations
APPROVED

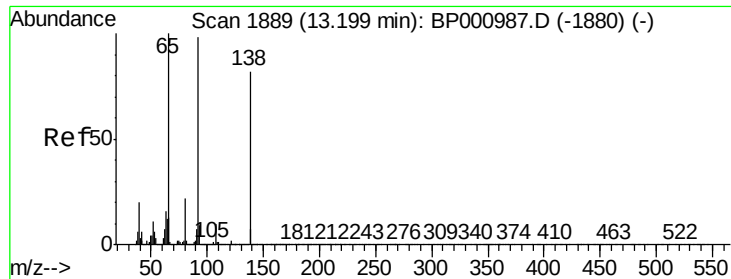
Sohil
11/8/2019 3:33:46 PM



#52
Acenaphthene
Concen: 7.604 ng
RT: 13.32 min Scan# 1909
Delta R.T. -0.01 min
Lab File: BP000998.D
Acq: 07 Nov 2019 11:37

Tgt Ion	Ratio	Lower	Upper
154	100		
153	115.7	88.9	133.3
152	52.7	42.4	63.6





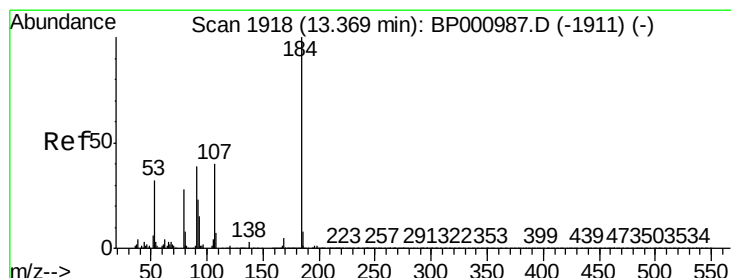
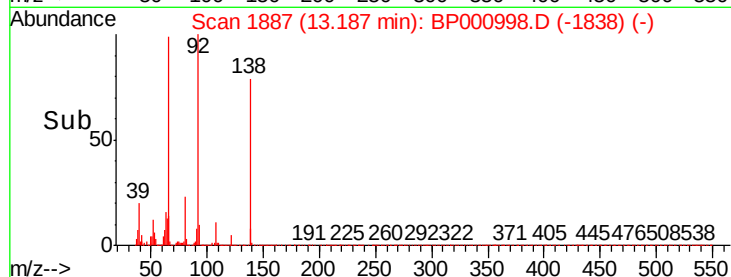
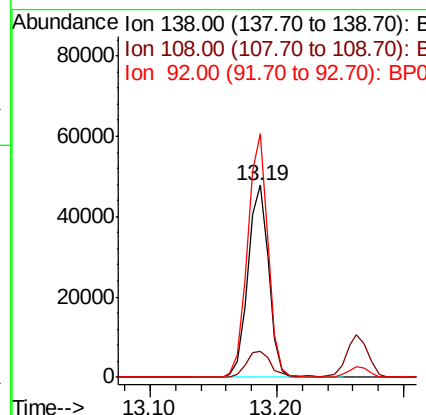
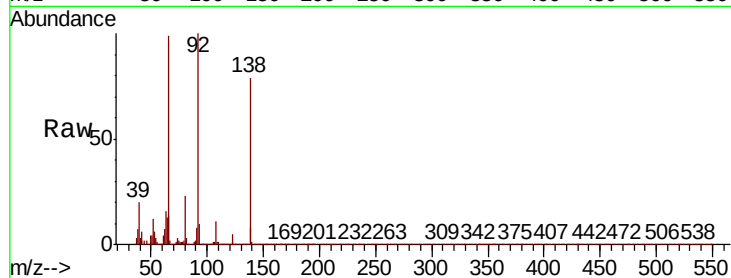
#53
3-Nitroaniline
Concen: 5.904 ng
RT: 13.19 min Scan# 1887
Delta R.T. -0.01 min
Lab File: BP000998.D
Acq: 07 Nov 2019 11:37

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2019

Tot Ion	Ratio	Lower	Upper
138	100		
108	13.9	10.1	15.1
92	126.9	95.4	143.0

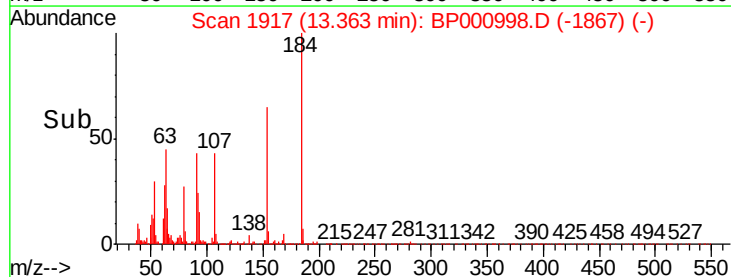
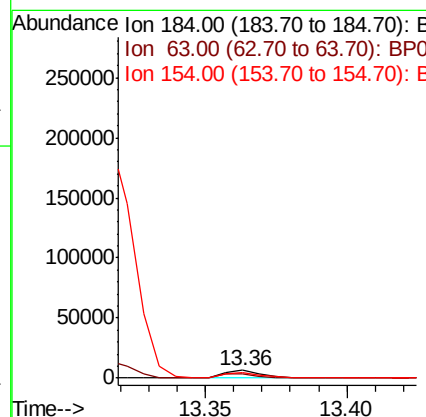
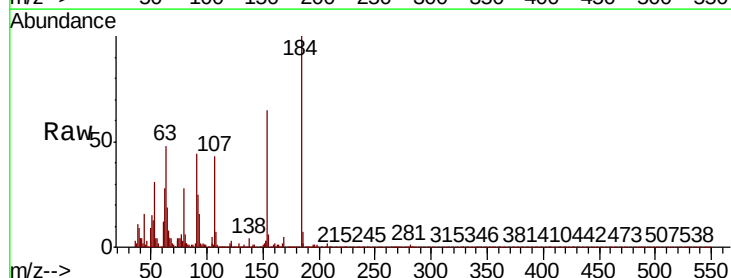
Manual Integrations
APPROVED

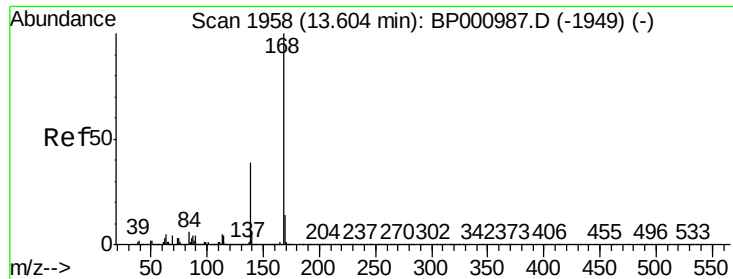
Sohil
11/8/2019 3:33:46 PM



#54
2,4-Dinitrophenol
Concen: 3.119 ng
RT: 13.36 min Scan# 1917
Delta R.T. -0.01 min
Lab File: BP000998.D
Acq: 07 Nov 2019 11:37

Tgt Ion	Ratio	Lower	Upper
184	100		
63	48.3	41.0	61.6
154	65.0	48.1	72.1





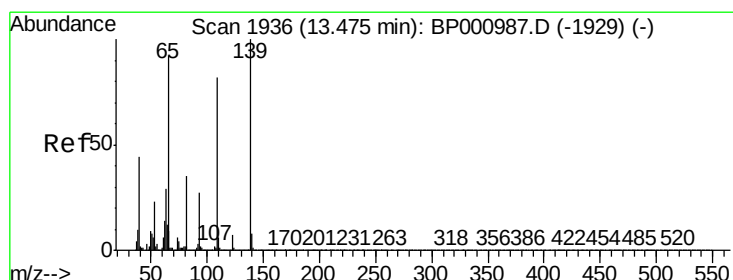
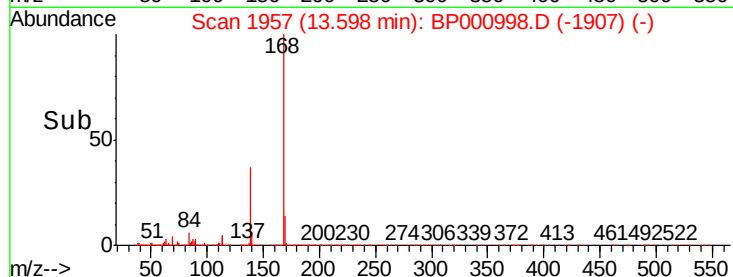
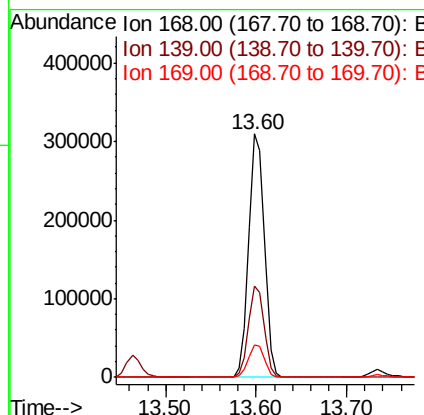
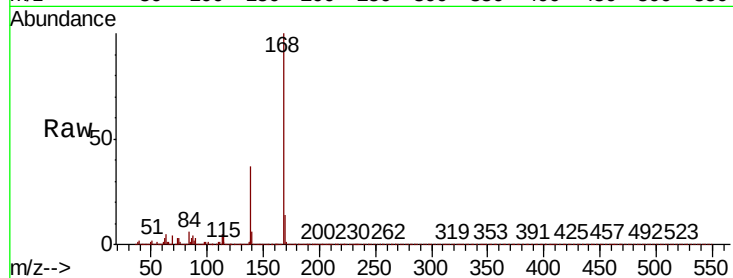
#55
Dibenzenofuran
Concen: 7.943 ng
RT: 13.60 min Scan# 1957
Delta R.T. -0.01 min
Lab File: BP000998.D
Acq: 07 Nov 2019 11:37

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2019

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.4	30.9	46.3
169	13.5	10.9	16.3

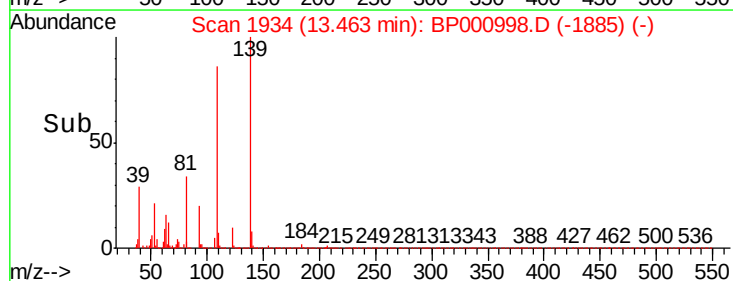
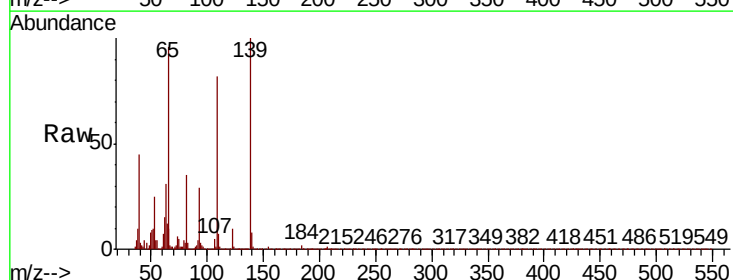
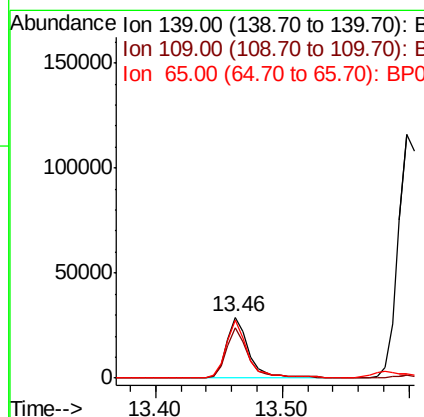
Manual Integrations
APPROVED

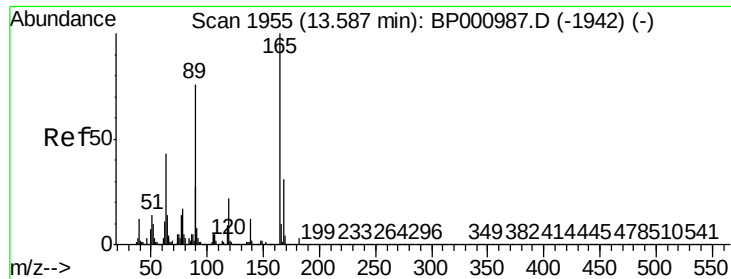
Sohil
11/8/2019 3:33:46 PM



#56
4-Nitrophenol
Concen: 5.555 ng
RT: 13.46 min Scan# 1934
Delta R.T. -0.01 min
Lab File: BP000998.D
Acq: 07 Nov 2019 11:37

Tgt Ion	Ratio	Lower	Upper
139	100		
109	82.1	61.6	101.6
65	95.5	72.0	112.0





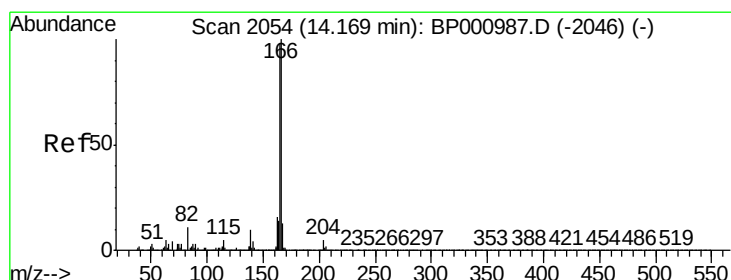
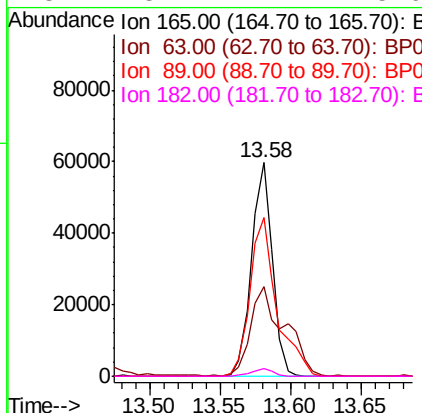
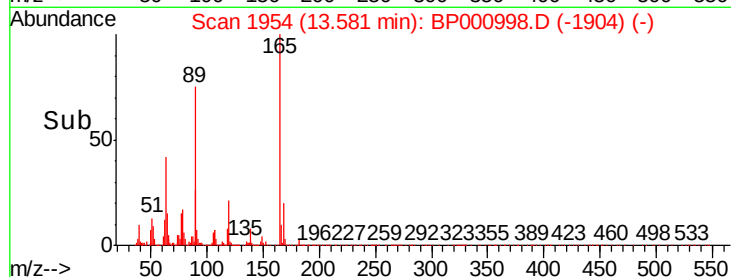
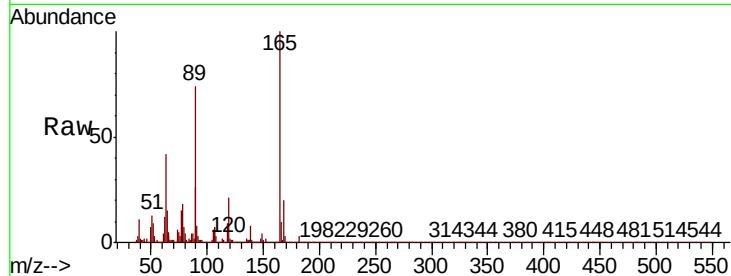
#57
2,4-Dinitrotoluene
Concen: 5.899 ng
RT: 13.58 min Scan# 1954
Delta R.T. -0.01 min
Lab File: BP000998.D
Acq: 07 Nov 2019 11:37

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2019

Tot Ion	Ratio	Lower	Upper
165	100		
63	42.2	34.3	51.5
89	74.4	60.5	90.7
182	3.4	2.4	3.6

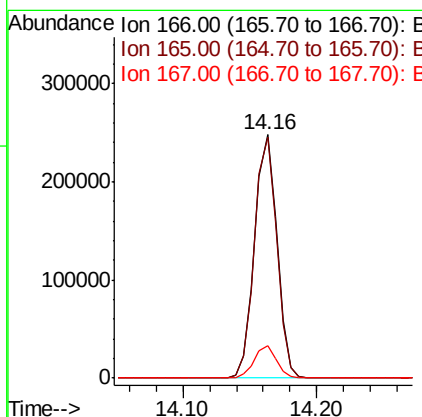
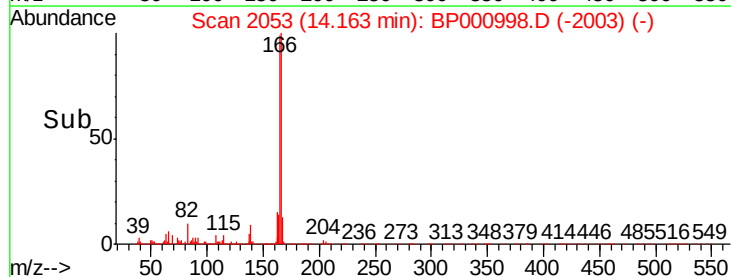
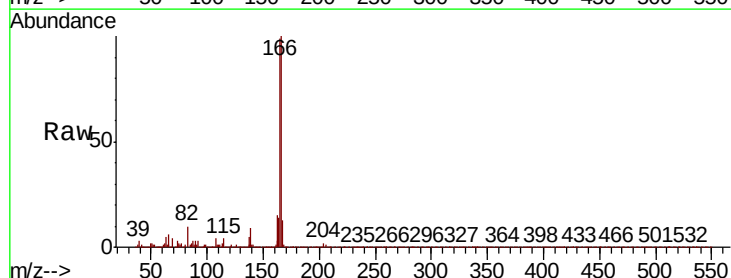
Manual Integrations
APPROVED

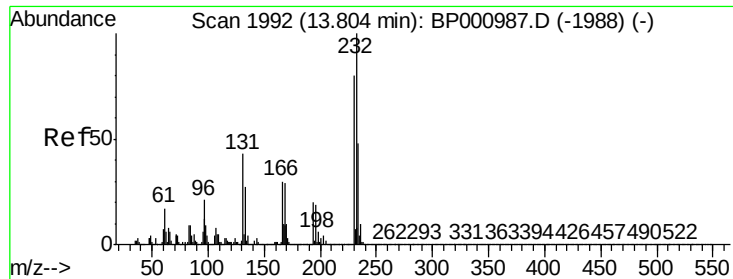
Sohil
11/8/2019 3:33:46 PM



#58
Fluorene
Concen: 7.701 ng
RT: 14.16 min Scan# 2053
Delta R.T. -0.01 min
Lab File: BP000998.D
Acq: 07 Nov 2019 11:37

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.0	78.2	117.2
167	13.2	10.7	16.1





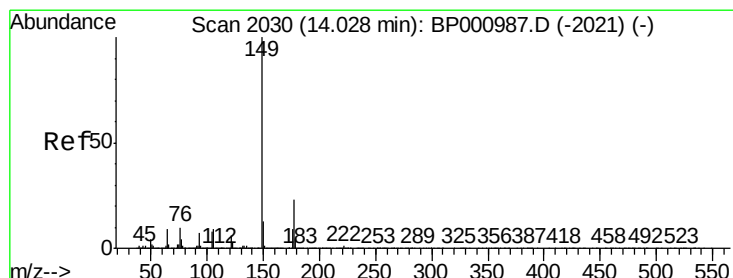
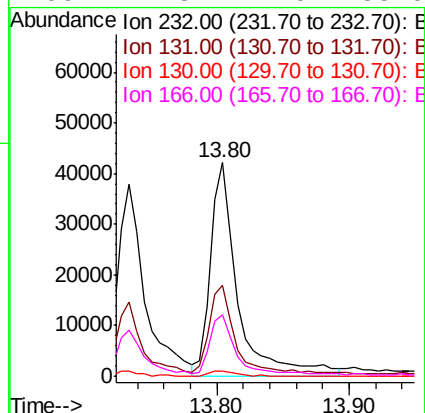
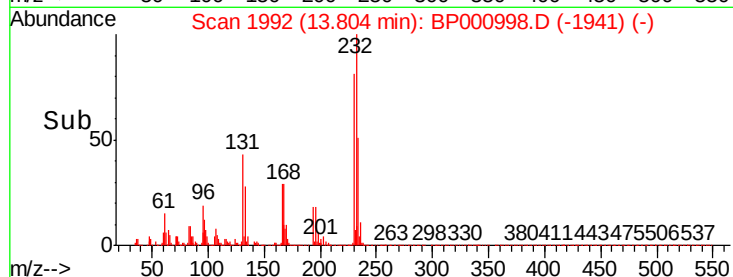
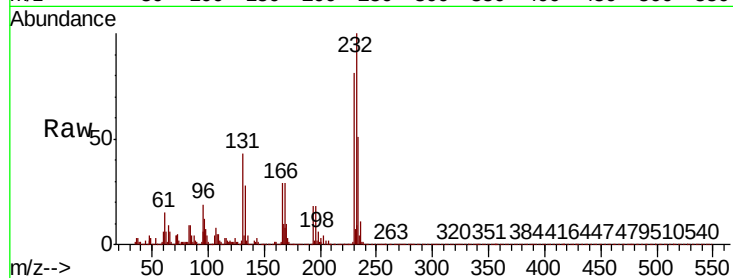
#59
2,3,4,6-Tetrachlorophenol
Concen: 6.213 ng m
RT: 13.80 min Scan# 1992
Delta R.T. -0.00 min
Lab File: BP000998.D
Acq: 07 Nov 2019 11:37

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2019

Tot Ion	Ratio	Lower	Upper
232	100		
131	32.2	32.2	48.2
130	2.1	1.7	2.5
166	21.8	22.0	33.0

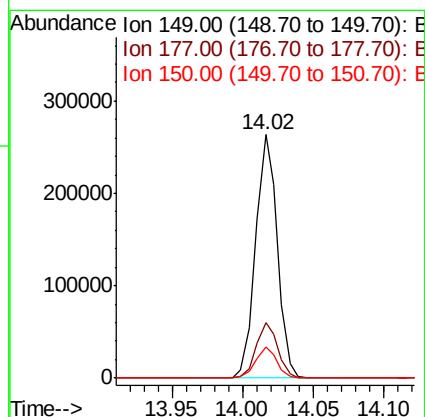
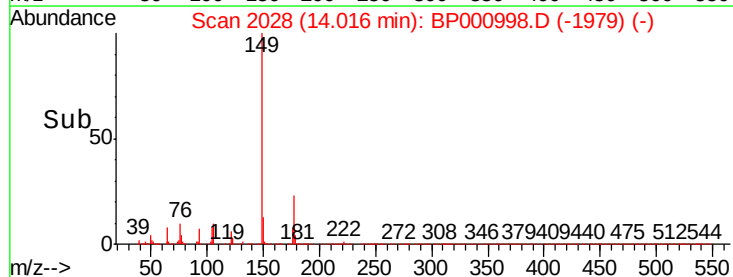
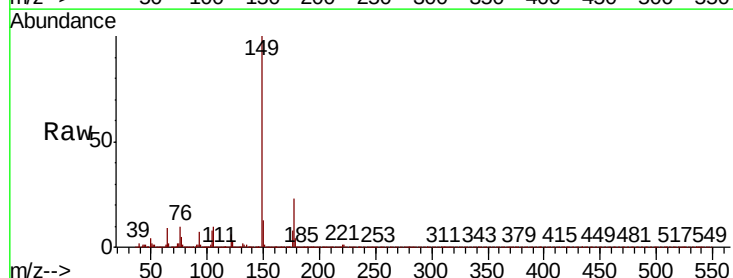
Manual Integrations
APPROVED

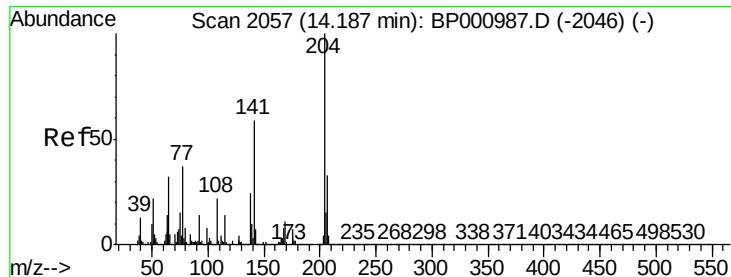
Sohil
11/8/2019 3:33:46 PM



#60
Diethylphthalate
Concen: 7.049 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BP000998.D
Acq: 07 Nov 2019 11:37

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.9	18.5	27.7
150	12.8	10.2	15.2





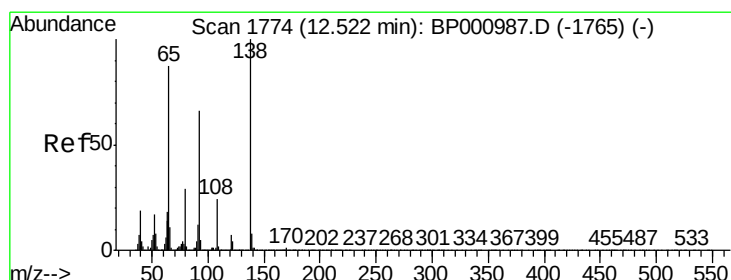
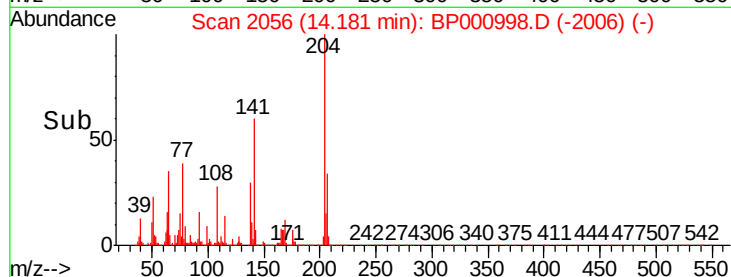
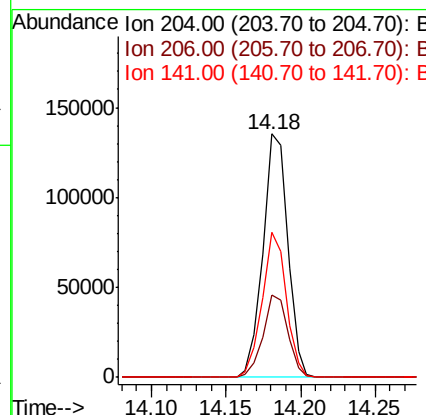
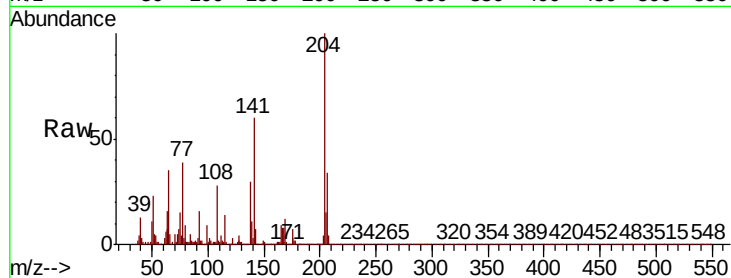
#61
4-Chlorophenyl-phenylether
Concen: 7.893 ng
RT: 14.18 min Scan# 2056
Delta R.T. -0.01 min
Lab File: BP000998.D
Acq: 07 Nov 2019 11:37

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2019

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.6	26.5	39.7
141	59.7	46.9	70.3

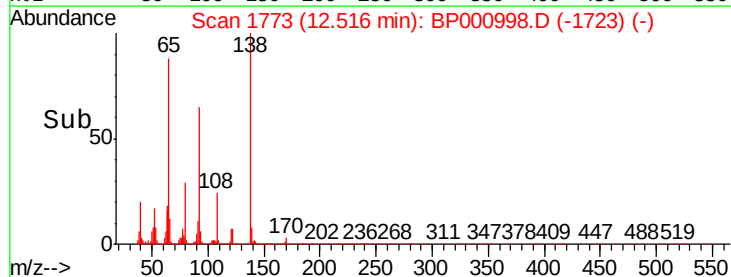
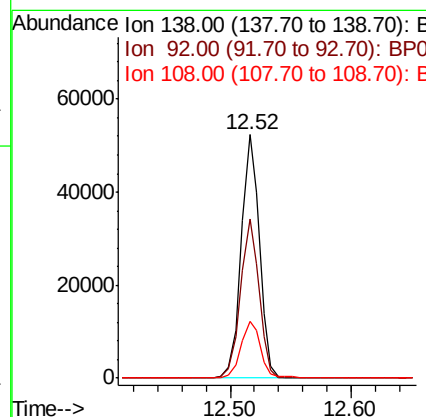
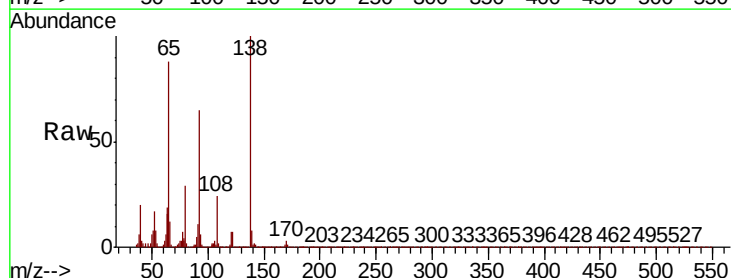
Manual Integrations
APPROVED

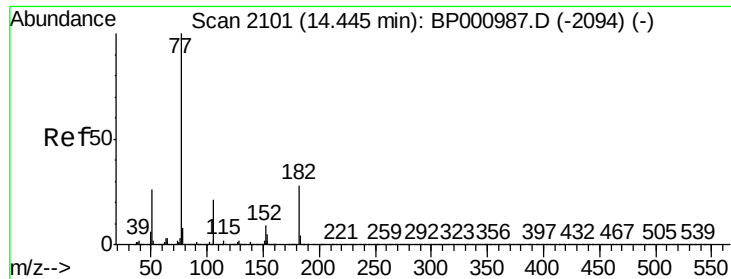
Sohil
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#62
4-Nitroaniline
Concen: 5.660 ng
RT: 12.52 min Scan# 1773
Delta R.T. -0.01 min
Lab File: BP000998.D
Acq: 07 Nov 2019 11:37

Tgt Ion	Ratio	Lower	Upper
138	100		
92	65.4	46.4	86.4
108	23.5	3.9	43.9





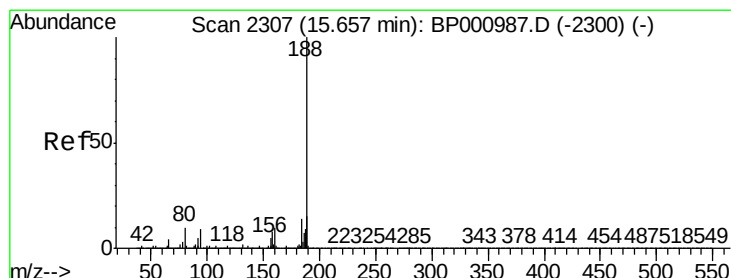
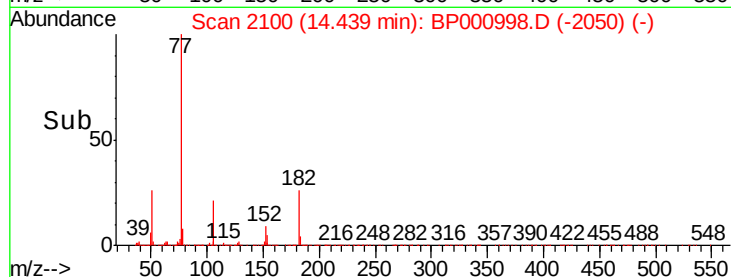
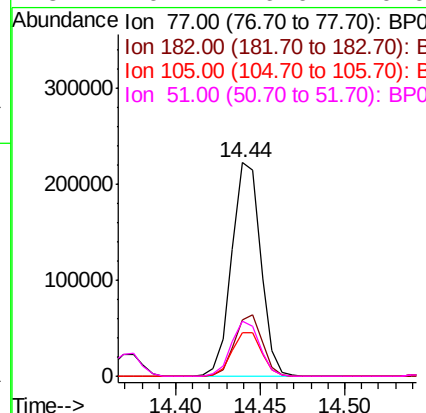
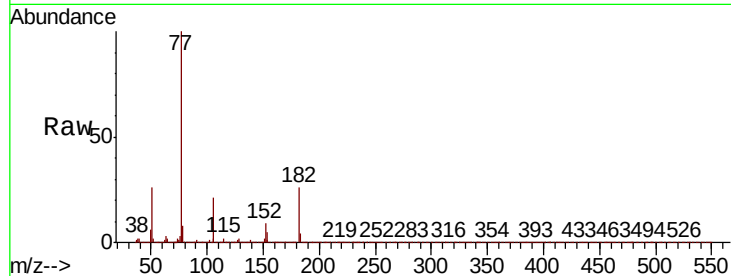
#63
Azobenzene
Concen: 7.491 ng
RT: 14.44 min Scan# 2100
Delta R.T. -0.01 min
Lab File: BP000998.D
Acq: 07 Nov 2019 11:37

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2019

Tot Ion	Ratio	Lower	Upper
77	100		
182	26.3	8.4	48.4
105	20.7	1.0	41.0
51	26.1	6.0	46.0

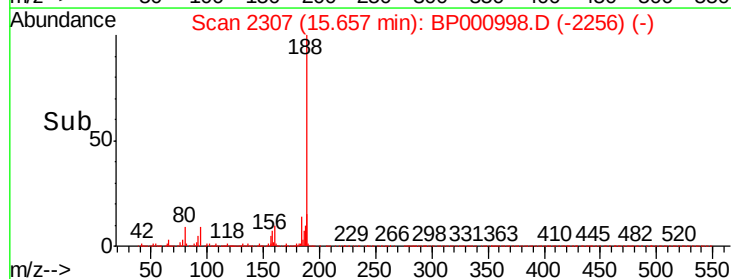
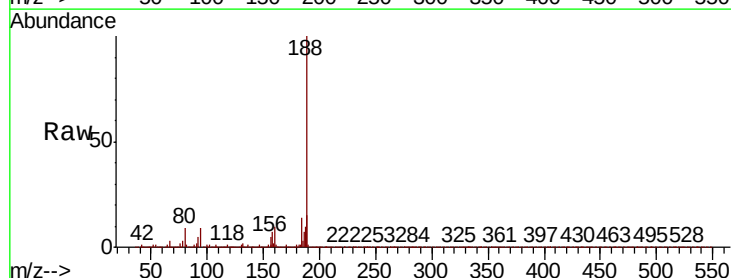
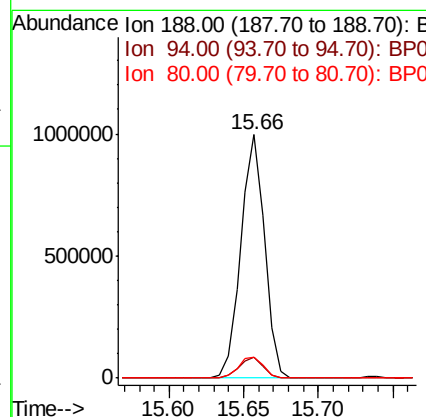
Manual Integrations
APPROVED

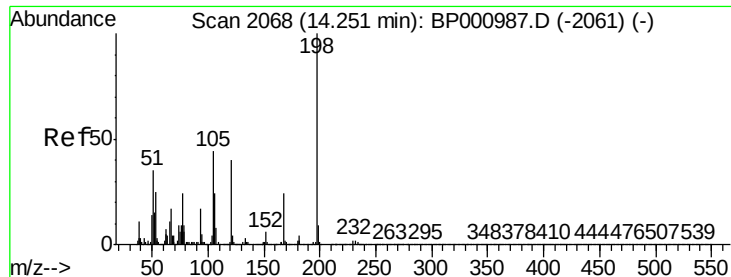
Sohil
11/8/2019 3:33:46 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 15.66 min Scan# 2307
Delta R.T. -0.00 min
Lab File: BP000998.D
Acq: 07 Nov 2019 11:37

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.7	7.4	11.2
80	8.8	7.9	11.9





#65

4,6-Dinitro-2-methylphenol

Concen: 4.192 ng

RT: 14.25 min Scan# 2067

Delta R.T. -0.01 min

Lab File: BP000998.D

Acq: 07 Nov 2019 11:37

Instrument :

BNA_P

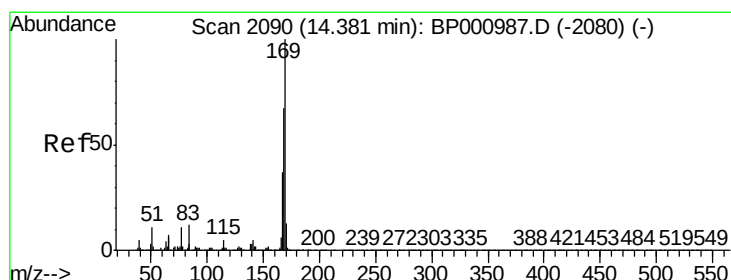
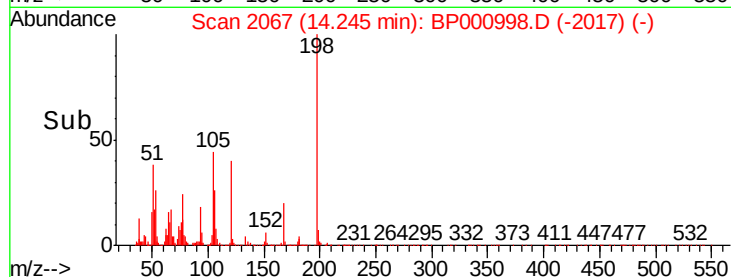
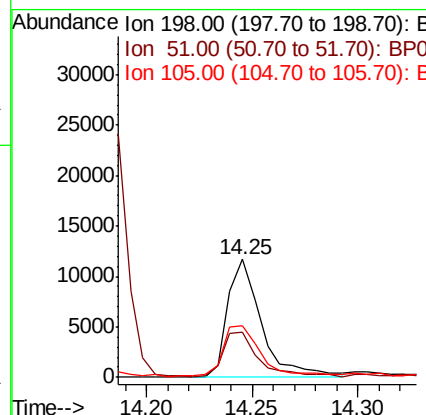
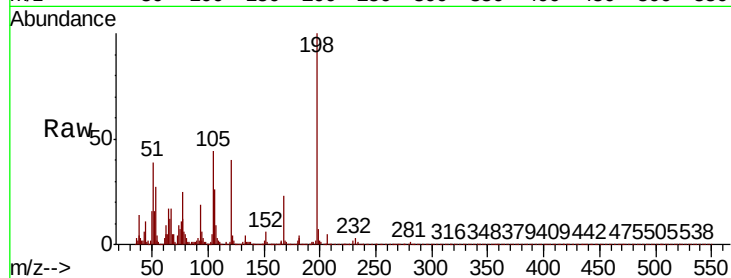
ClientSampleId :

LOD-MDL-SOIL-01-QT4-2019

Tot Ion:	198	Resp:	13090
Ion Ratio	Lower	Upper	
198	100		
51	38.6	16.0	56.0
105	44.2	24.9	64.9

Manual Integrations
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11/8/2019 3:33:46 PM



#66

n-Nitrosodiphenylamine

Concen: 7.831 ng

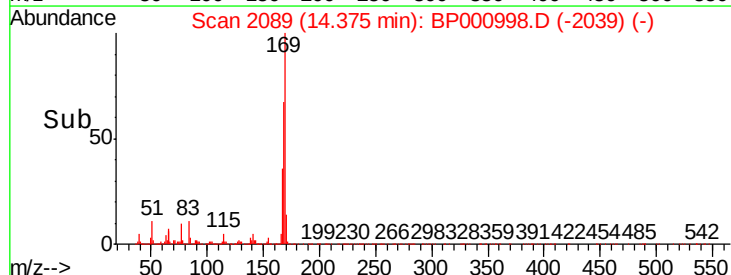
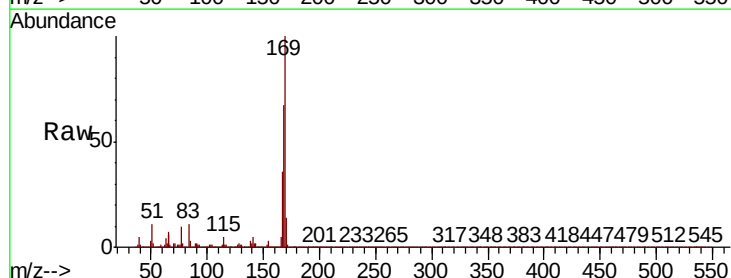
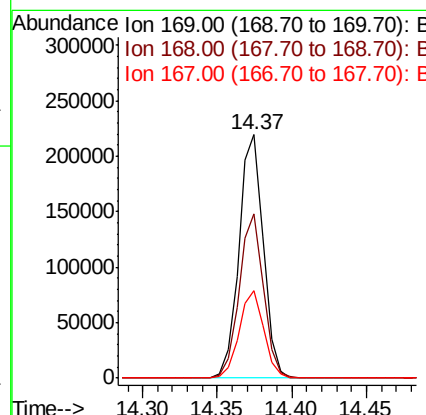
RT: 14.37 min Scan# 2089

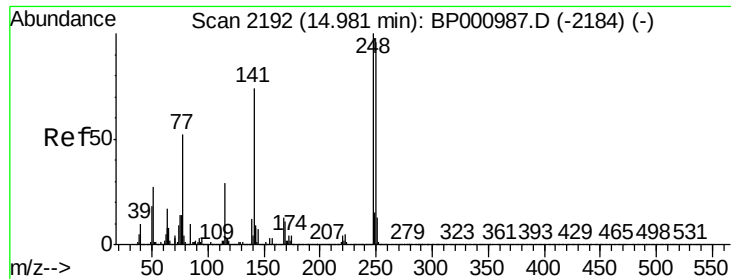
Delta R.T. -0.01 min

Lab File: BP000998.D

Acq: 07 Nov 2019 11:37

Tgt Ion:	169	Resp:	249230
Ion Ratio	Lower	Upper	
169	100		
168	67.3	53.3	79.9
167	35.9	29.4	44.2





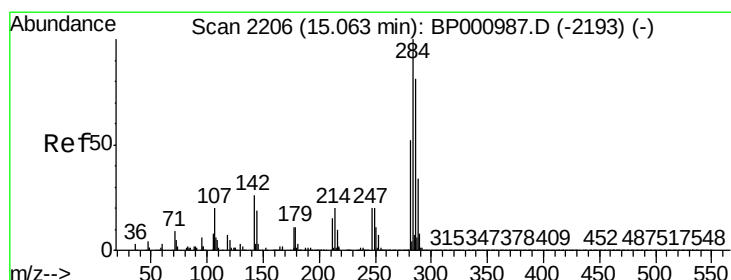
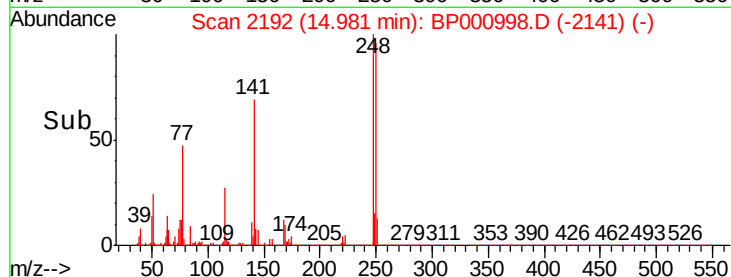
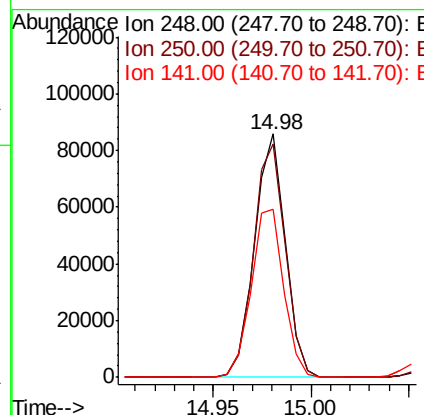
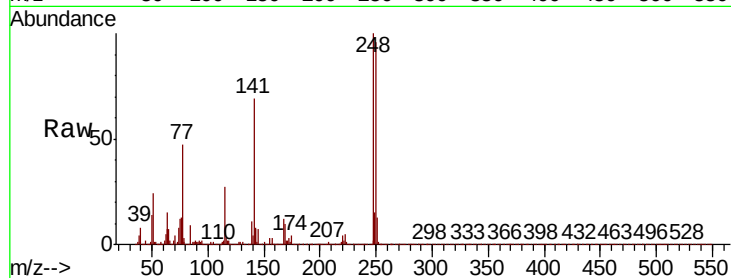
#67
4-Bromophenyl-phenylether
Concen: 7.216 ng
RT: 14.98 min Scan# 2192
Delta R.T. -0.00 min
Lab File: BP000998.D
Acq: 07 Nov 2019 11:37

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2019

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.6	77.0	115.6
141	69.1	59.4	89.0

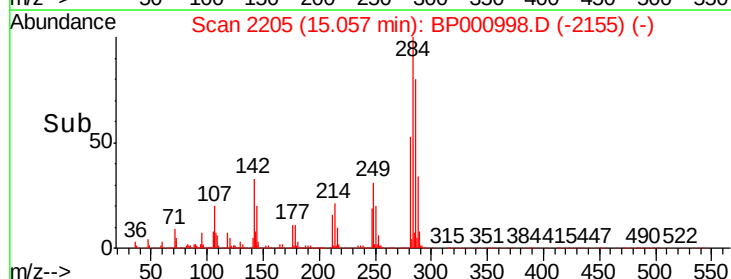
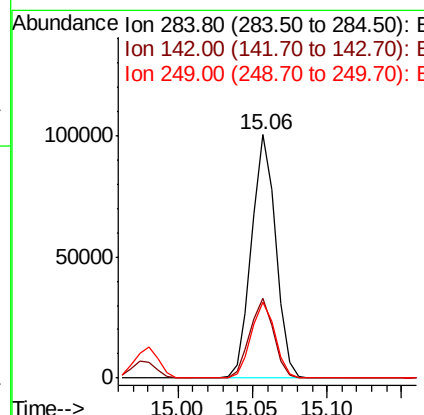
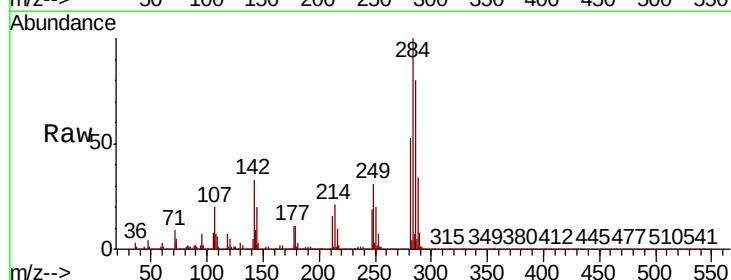
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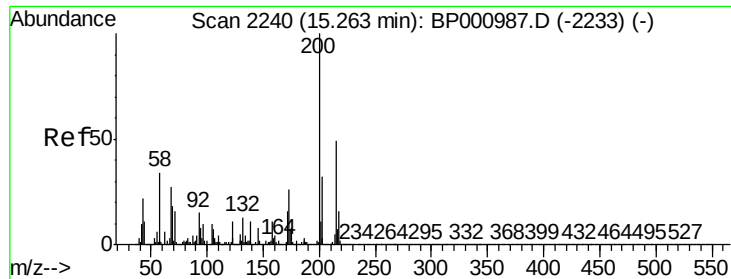
Sohil
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#68
Hexachlorobenzene
Concen: 7.407 ng
RT: 15.06 min Scan# 2205
Delta R.T. -0.01 min
Lab File: BP000998.D
Acq: 07 Nov 2019 11:37

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.8	25.8	38.8
249	31.0	25.4	38.0





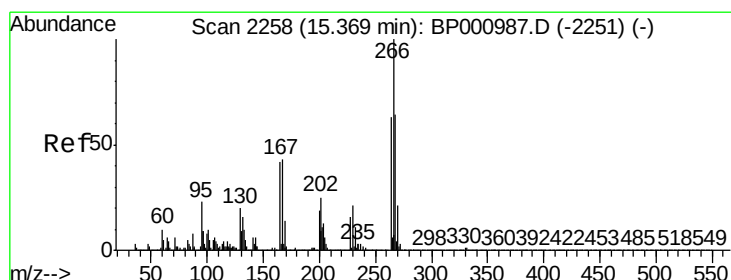
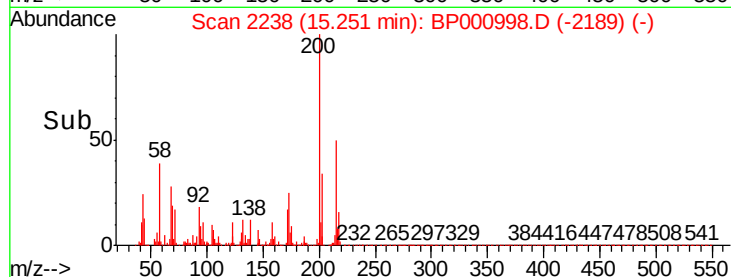
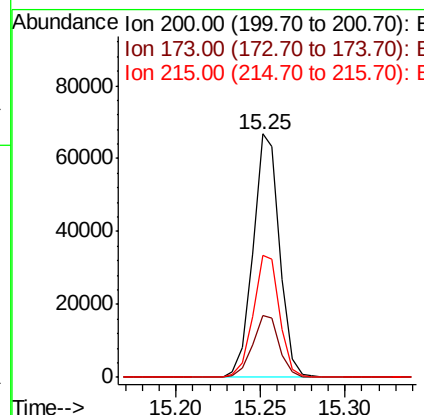
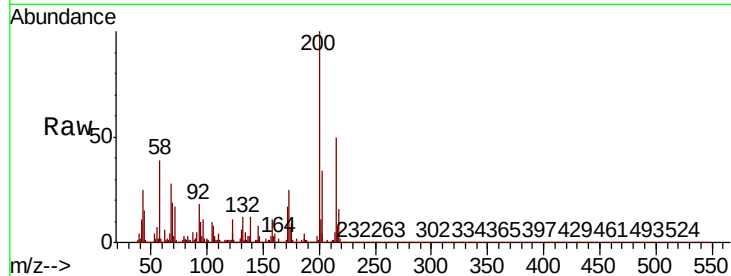
#69
Atrazine
Concen: 6.315 ng
RT: 15.25 min Scan# 2238
Delta R.T. -0.01 min
Lab File: BP000998.D
Acq: 07 Nov 2019 11:37

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2019

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.3	5.8	45.8
215	49.9	28.6	68.6

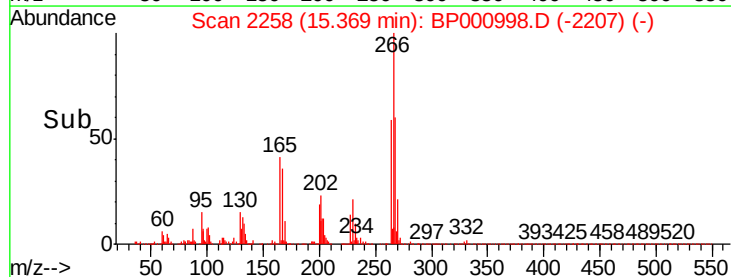
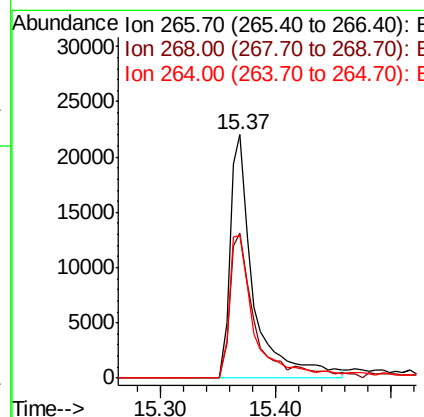
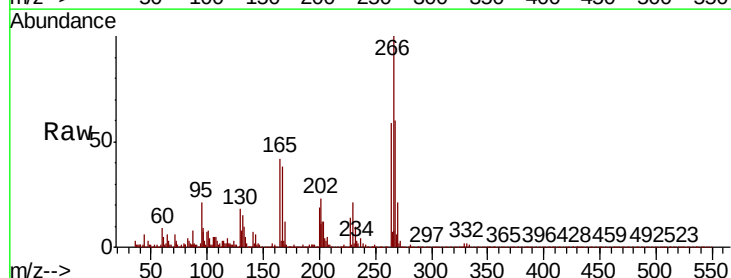
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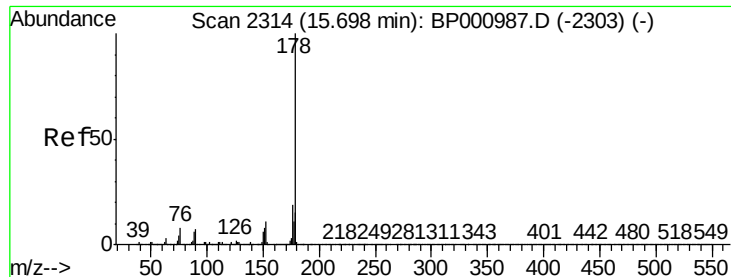
Sohil
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#70
Pentachlorophenol
Concen: 4.567 ng
RT: 15.37 min Scan# 2258
Delta R.T. -0.00 min
Lab File: BP000998.D
Acq: 07 Nov 2019 11:37

Tgt Ion	Ratio	Lower	Upper
266	100		
268	59.7	50.9	76.3
264	58.7	50.6	76.0





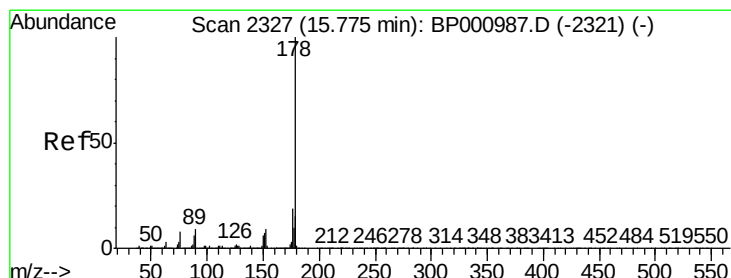
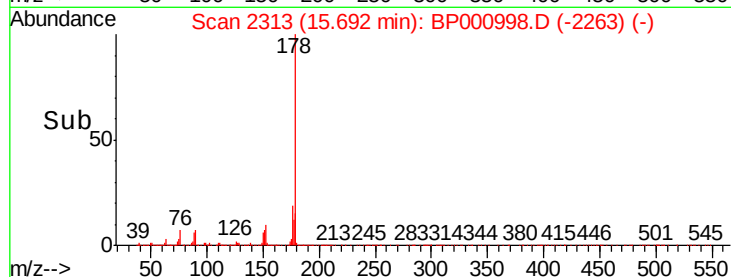
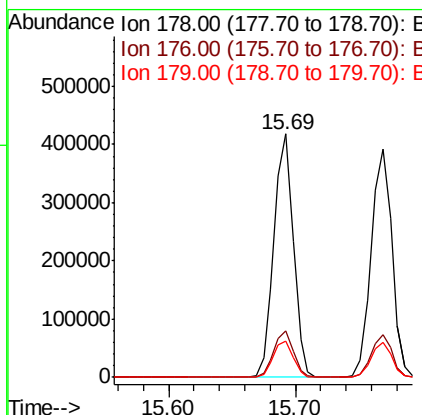
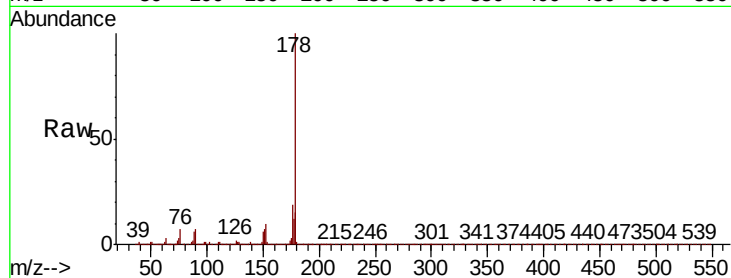
#71
Phenanthrene
Concen: 7.872 ng
RT: 15.69 min Scan# 2313
Delta R.T. -0.01 min
Lab File: BP000998.D
Acq: 07 Nov 2019 11:37

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2019

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.5	23.3
179	14.9	12.3	18.5

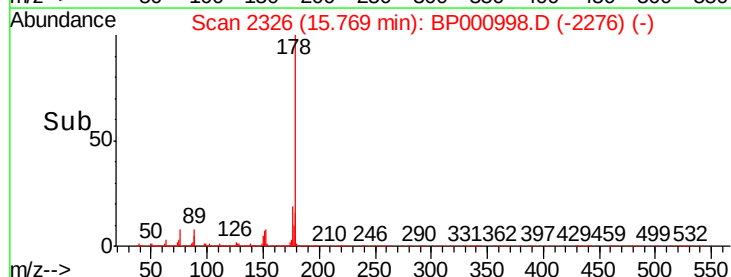
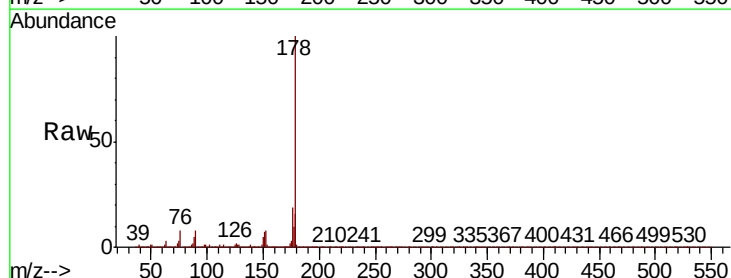
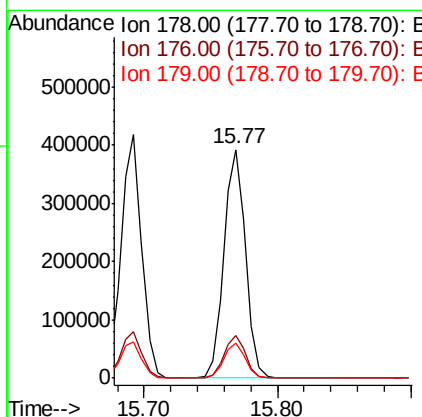
Manual Integrations
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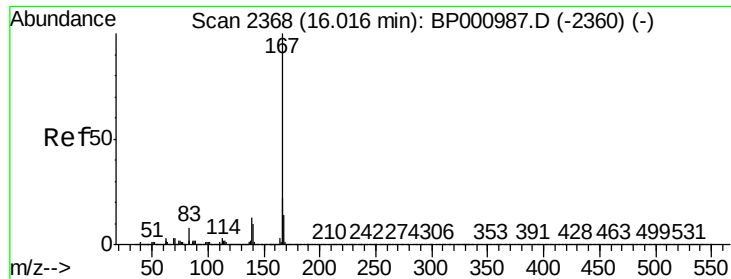
Sohil
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#72
Anthracene
Concen: 8.087 ng
RT: 15.77 min Scan# 2326
Delta R.T. -0.01 min
Lab File: BP000998.D
Acq: 07 Nov 2019 11:37

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.1	22.7
179	15.6	12.3	18.5





#73

Carbazole

Concen: 7.798 ng

RT: 16.01 min Scan# 2367

Delta R.T. -0.01 min

Lab File: BP000998.D

Acq: 07 Nov 2019 11:37

Instrument :

BNA_P

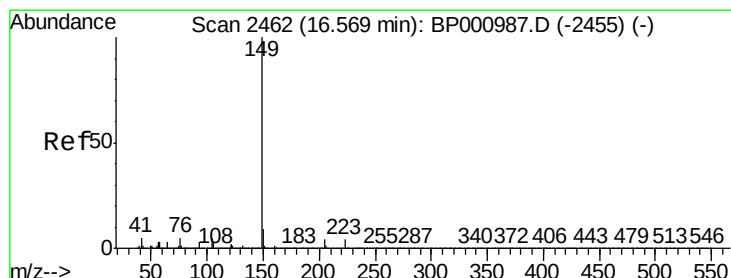
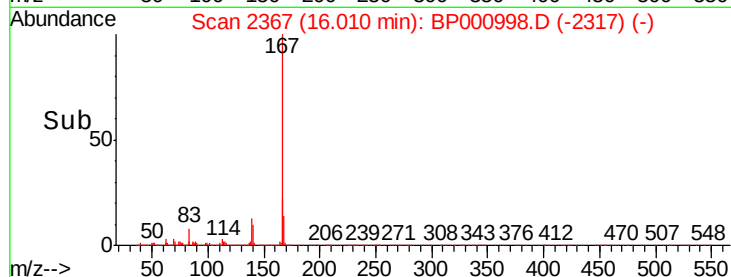
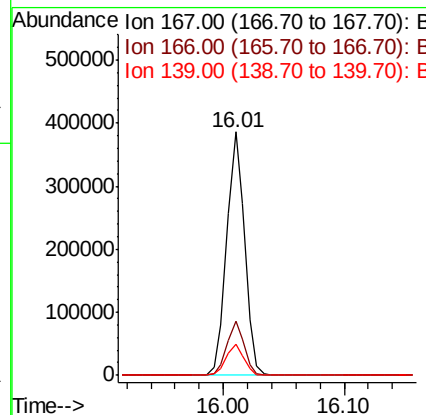
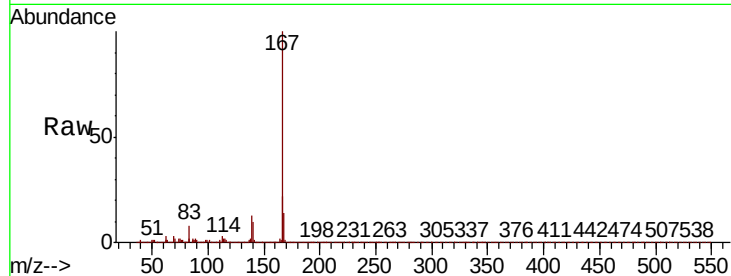
ClientSampleId :

LOD-MDL-SOIL-01-QT4-2019

Tot Ion:	167	Resp:	395120
Ion Ratio		Lower	Upper
167	100		
166	22.1	17.6	26.4
139	12.7	10.6	15.8

Manual Integrations
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#74

Di-n-butylphthalate

Concen: 6.469 ng

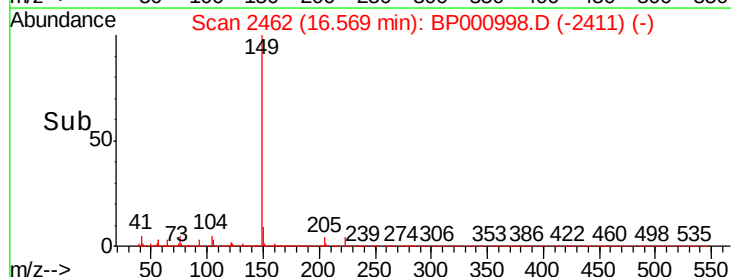
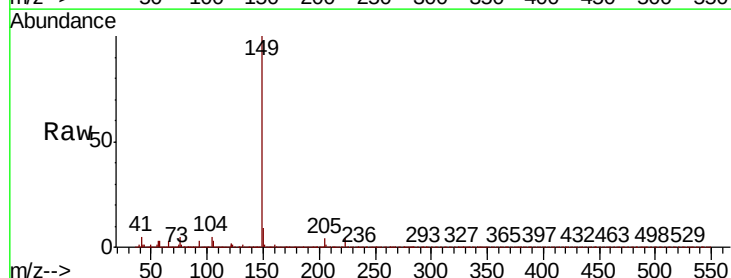
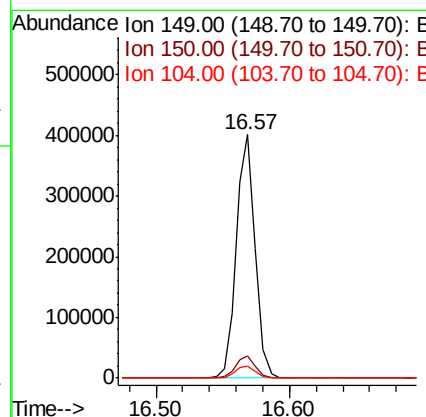
RT: 16.57 min Scan# 2462

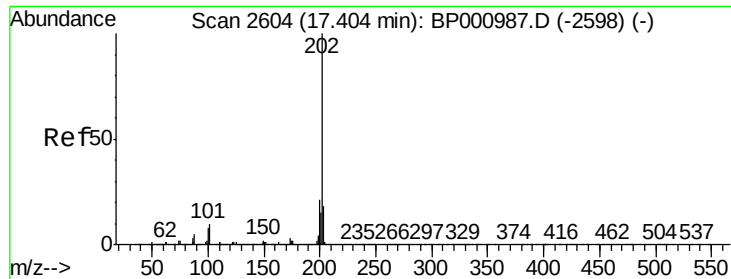
Delta R.T. -0.00 min

Lab File: BP000998.D

Acq: 07 Nov 2019 11:37

Tgt Ion:	149	Resp:	395538
Ion Ratio		Lower	Upper
149	100		
150	8.9	7.5	11.3
104	4.8	4.2	6.4





#75

Fluoranthene

Concen: 7.642 ng

RT: 17.40 min Scan# 2603

Delta R.T. -0.01 min

Lab File: BP000998.D

Acq: 07 Nov 2019 11:37

Instrument :

BNA_P

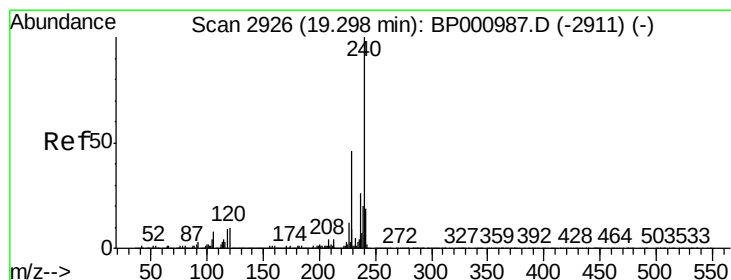
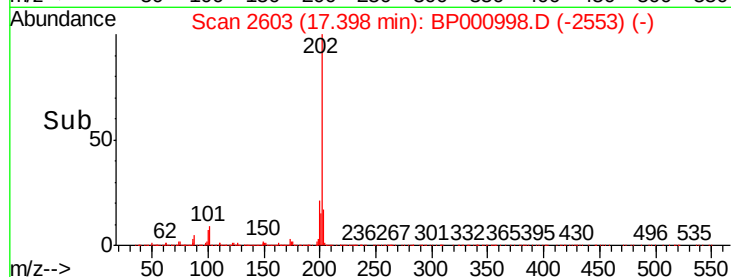
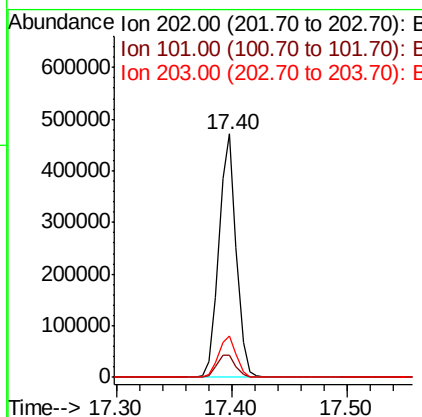
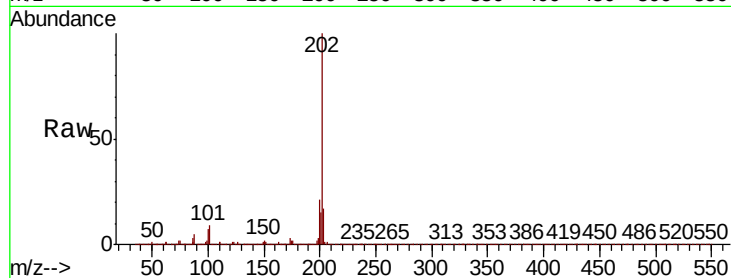
ClientSampleId :

LOD-MDL-SOIL-01-QT4-2019

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	9.3	0.0	30.1
203	17.1	0.0	37.7

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#76

Chrysene-d12

Concen: 20.000 ng

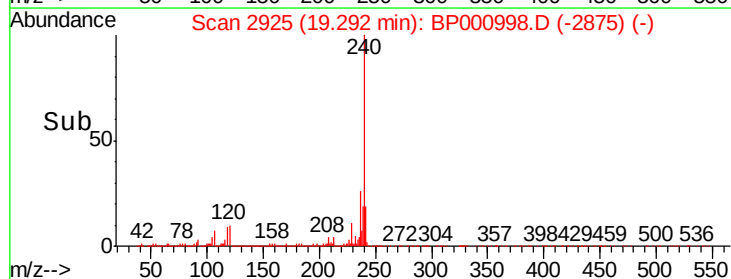
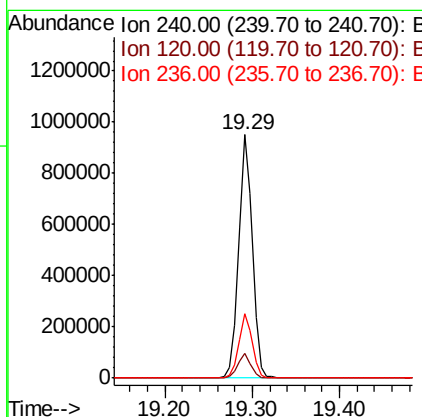
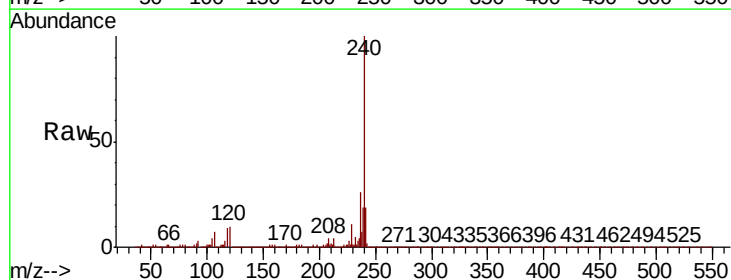
RT: 19.29 min Scan# 2925

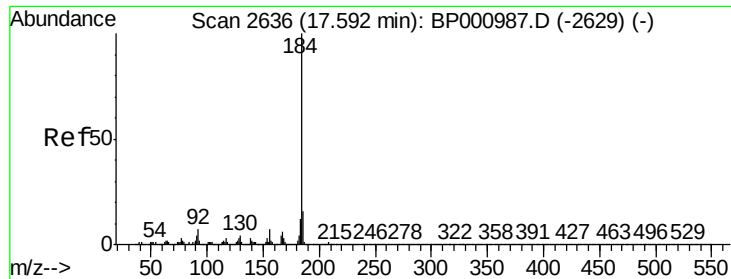
Delta R.T. -0.01 min

Lab File: BP000998.D

Acq: 07 Nov 2019 11:37

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	10.3	8.2	12.2
236	26.3	20.5	30.7





#77

Benzidine

Concen: 5.703 ng

RT: 17.59 min Scan# 2635

Delta R.T. -0.01 min

Lab File: BP000998.D

Acq: 07 Nov 2019 11:37

Instrument :

BNA_P

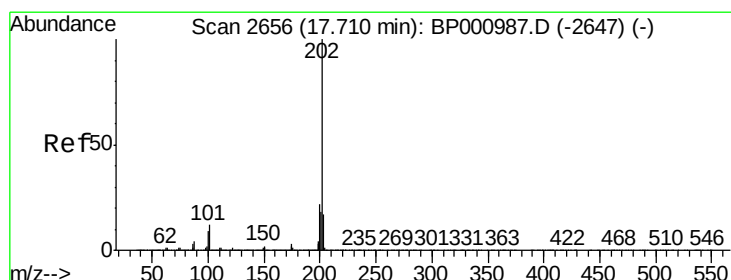
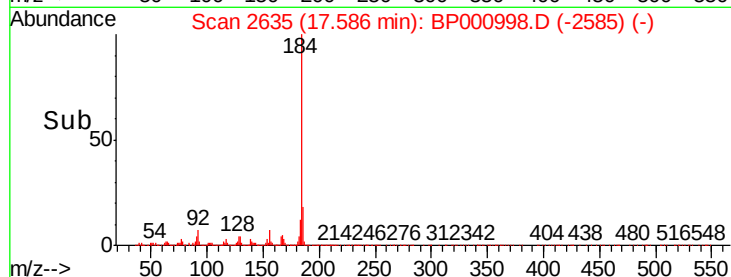
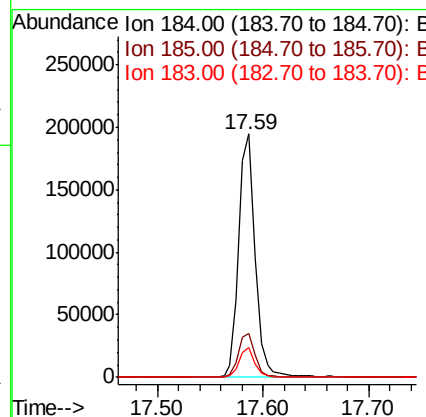
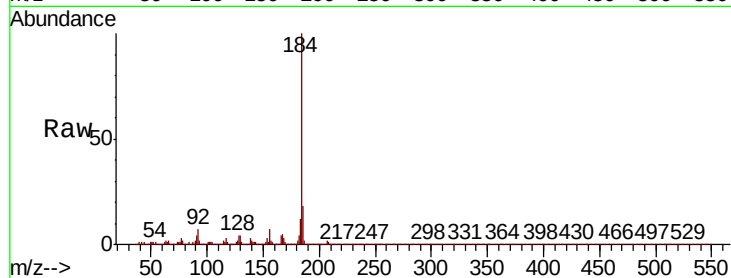
ClientSampleId :

LOD-MDL-SOIL-01-QT4-2019

Tot Ion:	184	Resp:	208702
Ion Ratio		Lower	Upper
184	100		
185	17.9	12.6	18.8
183	12.3	9.8	14.6

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#78

Pyrene

Concen: 7.459 ng

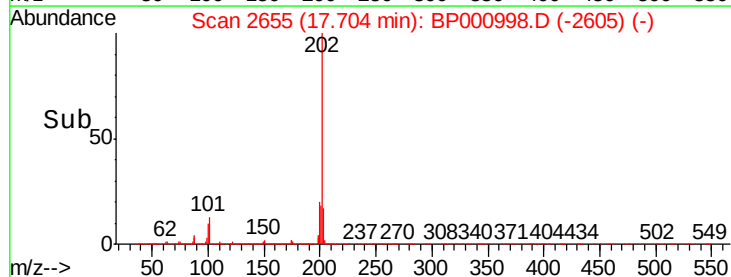
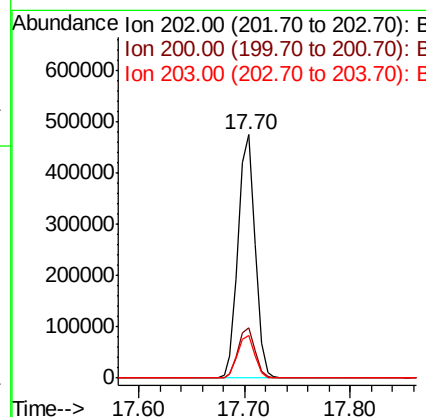
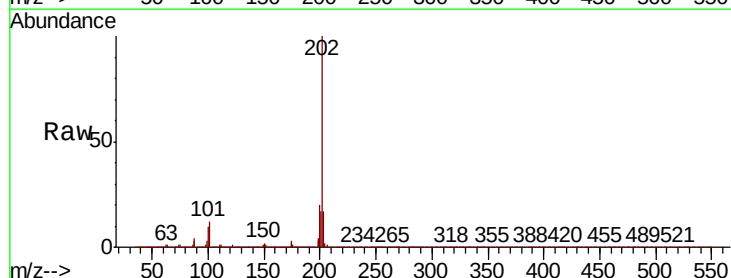
RT: 17.70 min Scan# 2655

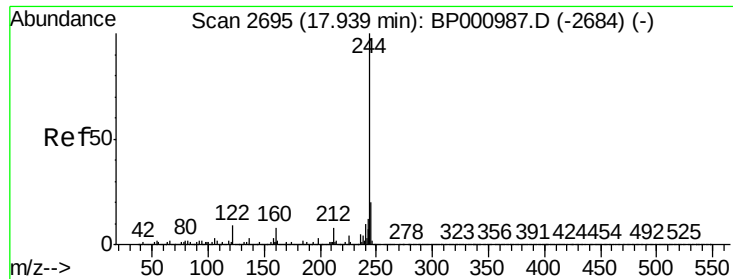
Delta R.T. -0.01 min

Lab File: BP000998.D

Acq: 07 Nov 2019 11:37

Tgt Ion:	202	Resp:	523888
Ion Ratio		Lower	Upper
202	100		
200	20.5	17.2	25.8
203	17.3	14.0	21.0





#79

Terphenyl-d14

Concen: 93.904 ng

RT: 17.94 min Scan# 2695

Delta R.T. -0.00 min

Lab File: BP000998.D

Acq: 07 Nov 2019 11:37

Instrument :

BNA_P

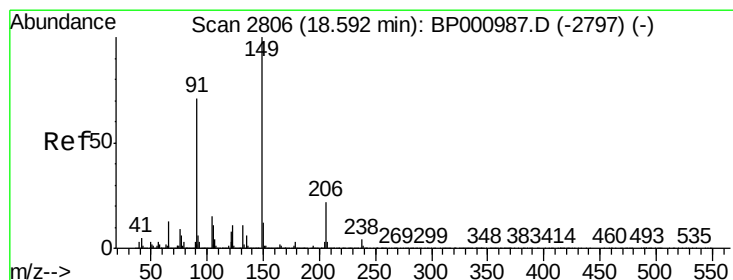
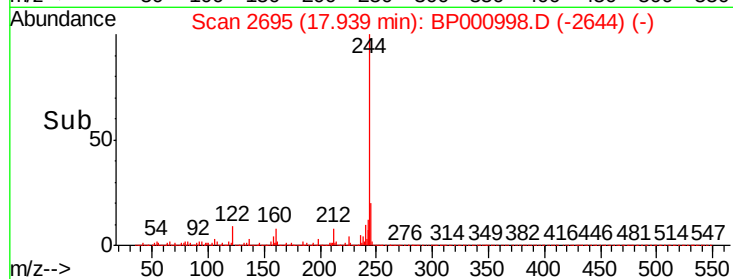
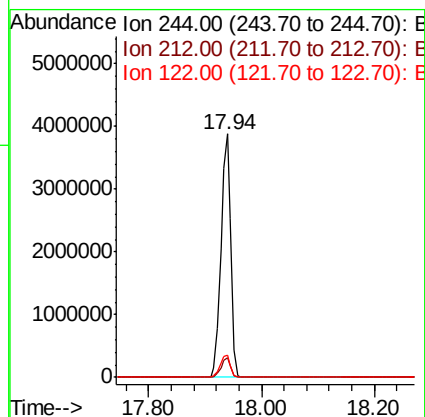
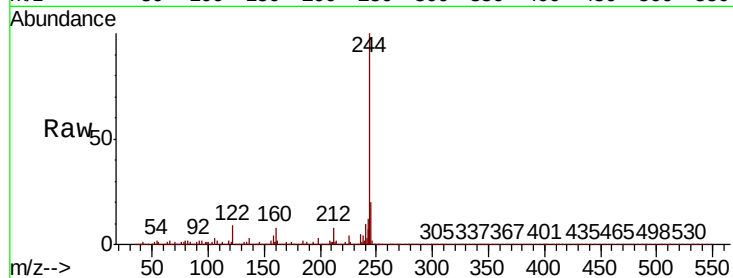
ClientSampleId :

LOD-MDL-SOIL-01-QT4-2019

Tot Ion:	244	Resp:	4691521
Ion Ratio	Lower	Upper	
244	100		
212	8.1	6.0	9.0
122	9.0	7.4	11.2

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#80

Butylbenzylphthalate

Concen: 4.991 ng

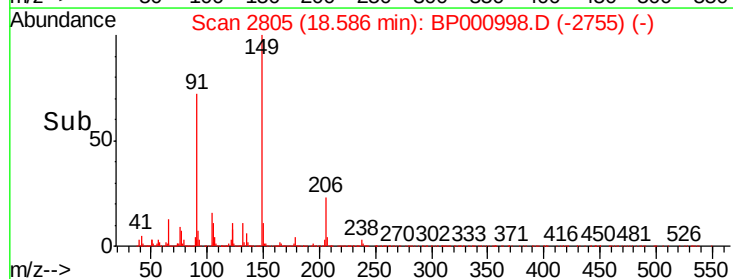
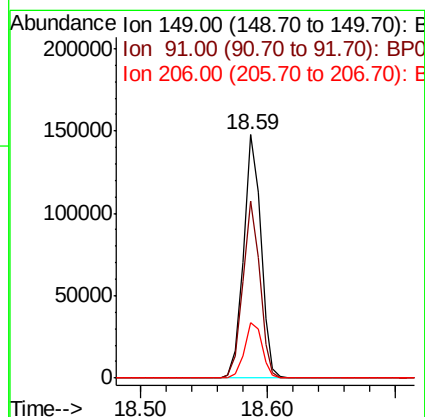
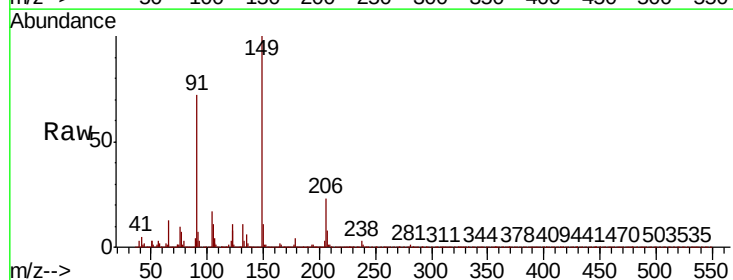
RT: 18.59 min Scan# 2805

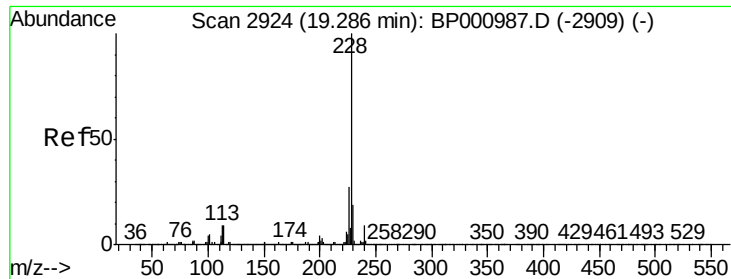
Delta R.T. -0.01 min

Lab File: BP000998.D

Acq: 07 Nov 2019 11:37

Tgt Ion:	149	Resp:	138797
Ion Ratio	Lower	Upper	
149	100		
91	72.5	56.6	84.8
206	22.5	18.0	27.0





#81

Benzo(a)anthracene

Concen: 7.327 ng

RT: 19.28 min Scan# 2923

Delta R.T. -0.01 min

Lab File: BP000998.D

Acq: 07 Nov 2019 11:37

Instrument :

BNA_P

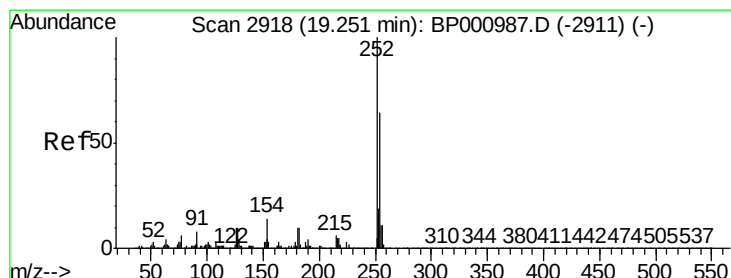
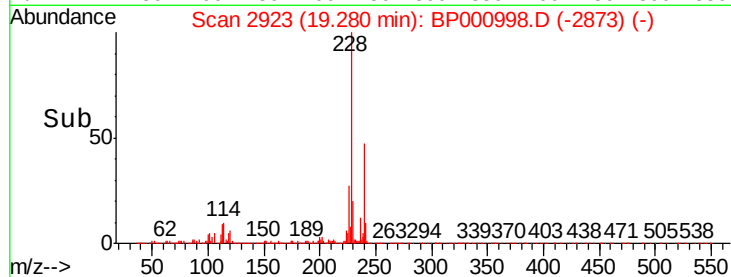
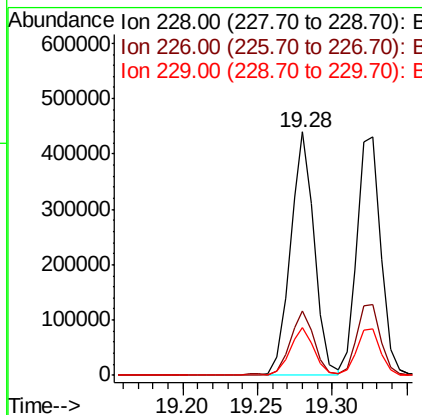
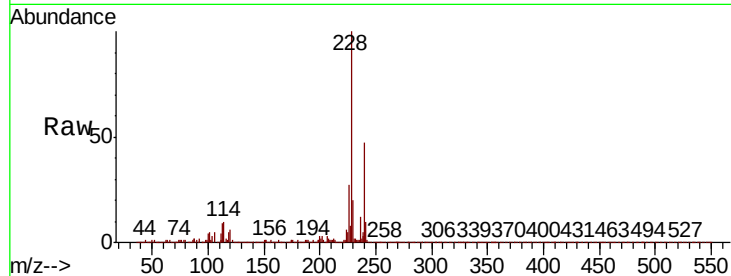
ClientSampleId :

LOD-MDL-SOIL-01-QT4-2019

Tot Ion:	228	Resp:	490402
Ion Ratio	Lower	Upper	
228	100		
226	26.6	21.8	32.8
229	19.6	15.6	23.4

Manual Integrations
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#82

3,3'-Dichlorobenzidine

Concen: 6.939 ng

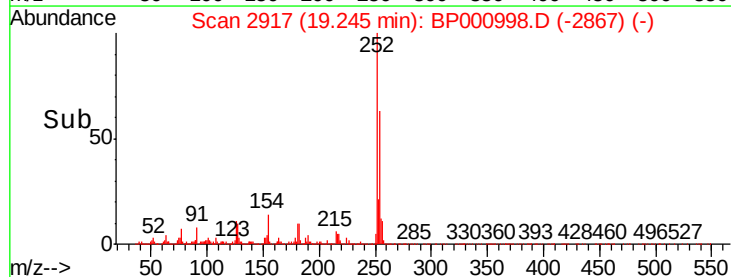
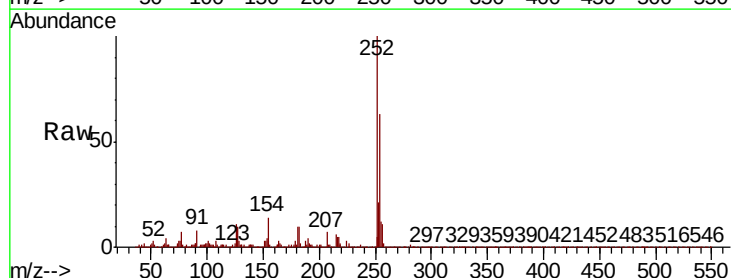
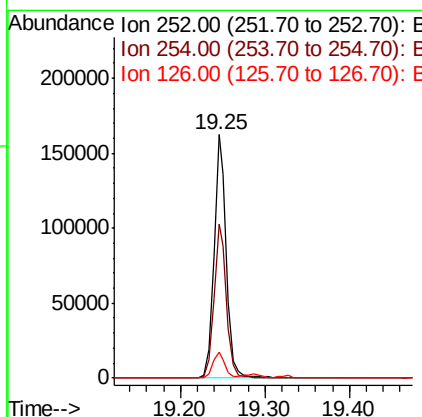
RT: 19.25 min Scan# 2917

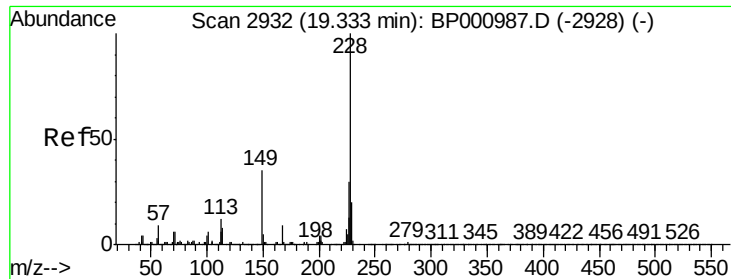
Delta R.T. -0.01 min

Lab File: BP000998.D

Acq: 07 Nov 2019 11:37

Tgt Ion:	252	Resp:	169344
Ion Ratio	Lower	Upper	
252	100		
254	63.1	51.1	76.7
126	10.6	8.3	12.5





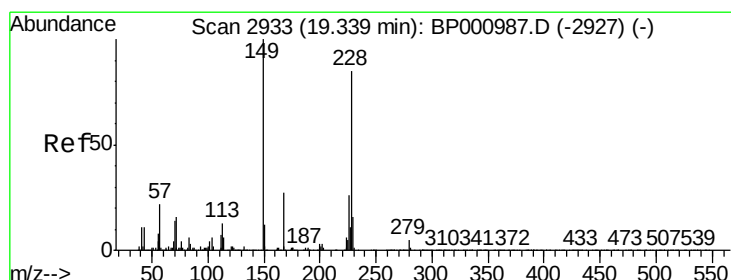
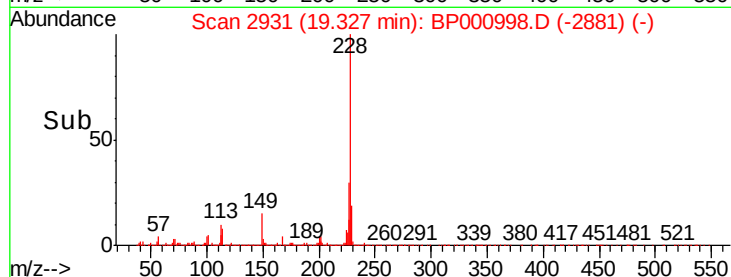
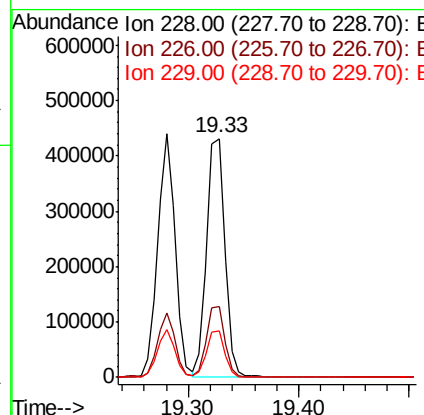
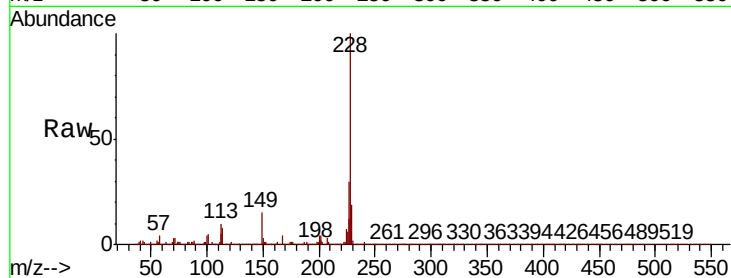
#83
Chrysene
Concen: 8.212 ng
RT: 19.33 min Scan# 2931
Delta R.T. -0.01 min
Lab File: BP000998.D
Acq: 07 Nov 2019 11:37

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2019

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.2	36.2
229	19.4	15.8	23.6

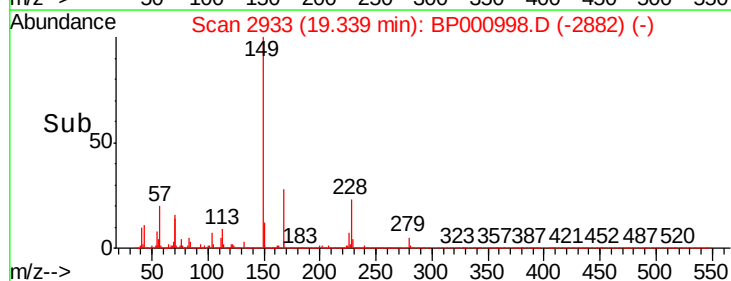
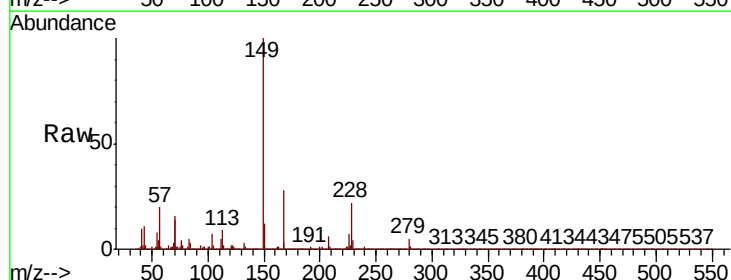
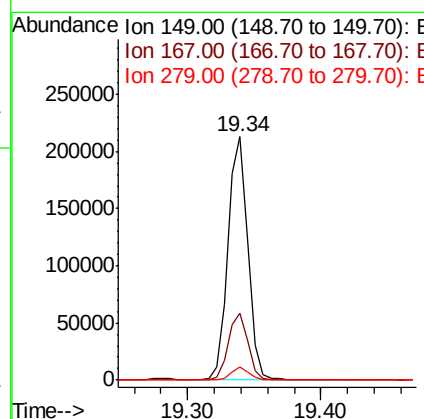
Manual Integrations
APPROVED

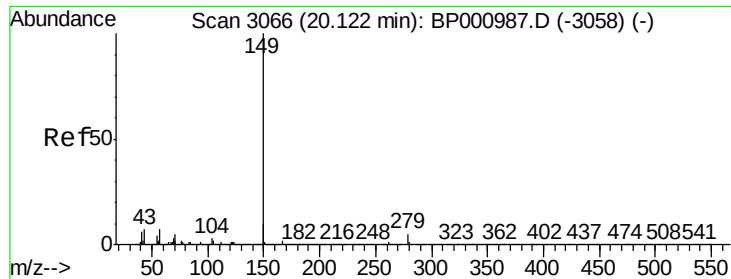
Sohil
11/8/2019 3:33:46 PM



#84
Bis(2-ethylhexyl)phthalate
Concen: 6.360 ng
RT: 19.34 min Scan# 2933
Delta R.T. -0.00 min
Lab File: BP000998.D
Acq: 07 Nov 2019 11:37

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.6	21.4	32.2
279	5.4	3.7	5.5





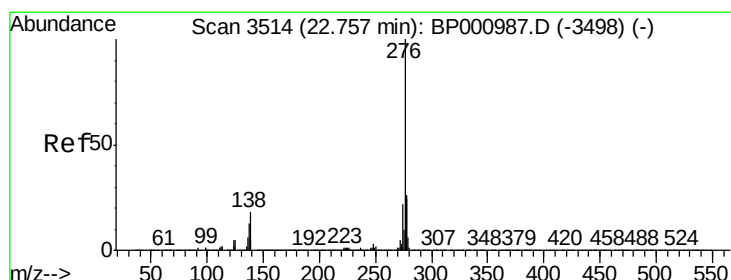
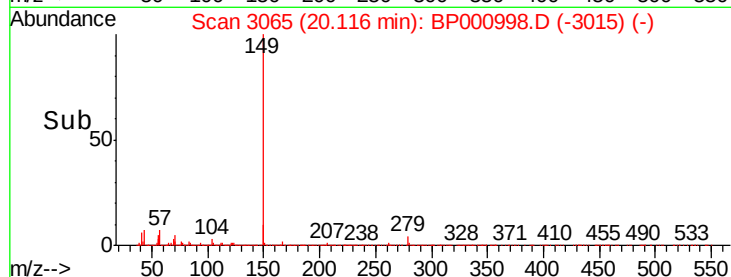
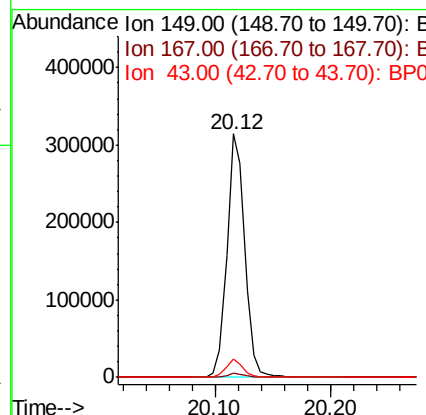
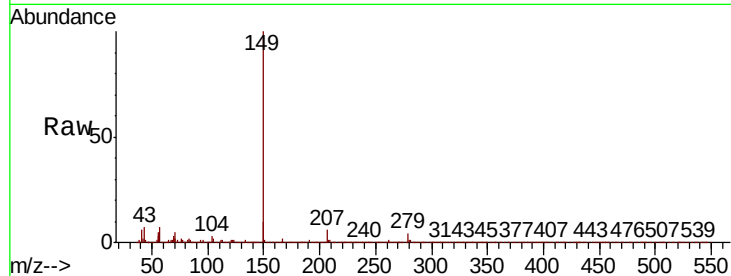
#85
Di-n-octyl phthalate
Concen: 5.241 ng
RT: 20.12 min Scan# 3065
Delta R.T. -0.01 min
Lab File: BP000998.D
Acq: 07 Nov 2019 11:37

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2019

Tot Ion	Ratio	Resp Lower	Upper
149	100		
167	1.5	1.3	1.9
43	7.1	5.6	8.4

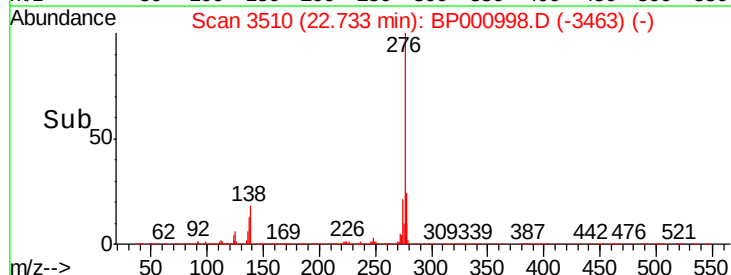
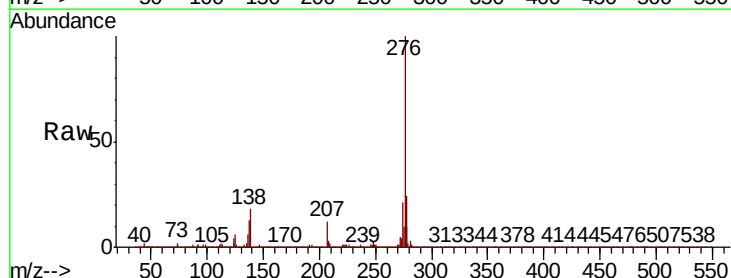
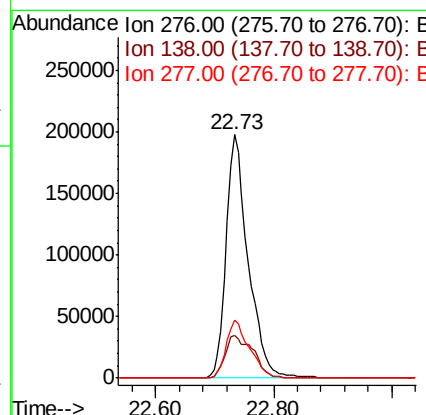
Manual Integrations
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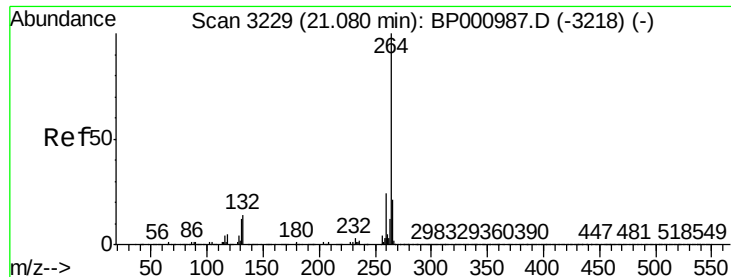
Sohil
11/8/2019 3:33:46 PM



#86
Indeno(1,2,3-cd)pyrene
Concen: 6.384 ng
RT: 22.73 min Scan# 3510
Delta R.T. -0.02 min
Lab File: BP000998.D
Acq: 07 Nov 2019 11:37

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	22.3	17.6	26.4
277	25.2	20.2	30.4





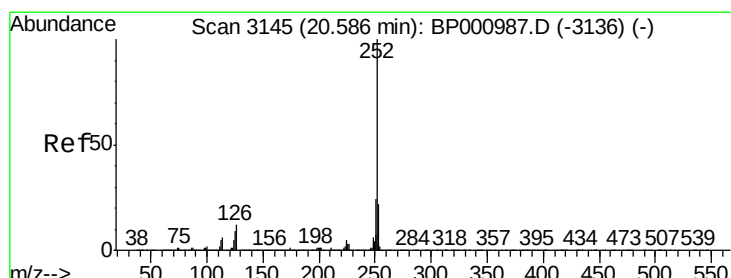
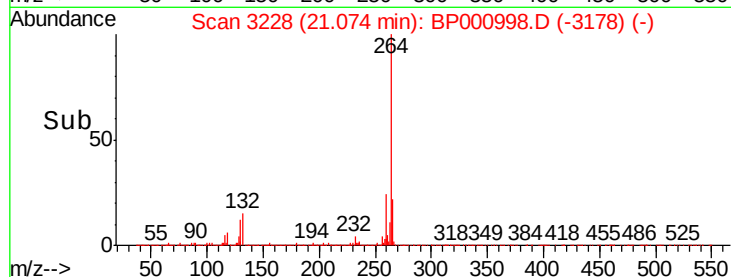
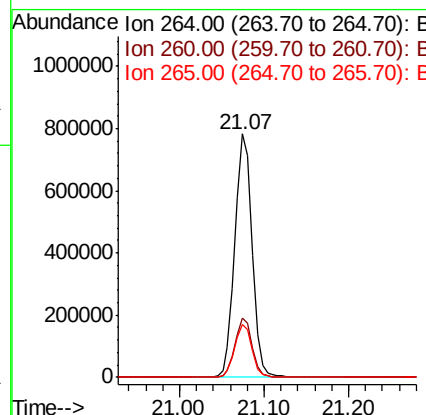
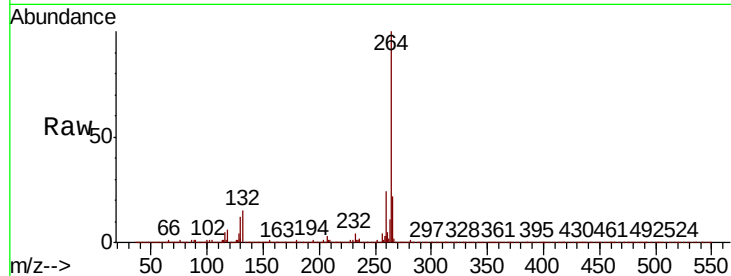
#87
Pervlene-d12
Concen: 20.000 ng
RT: 21.07 min Scan# 3228
Delta R.T. -0.01 min
Lab File: BP000998.D
Acq: 07 Nov 2019 11:37

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2019

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.8	28.2
265	21.9	17.1	25.7

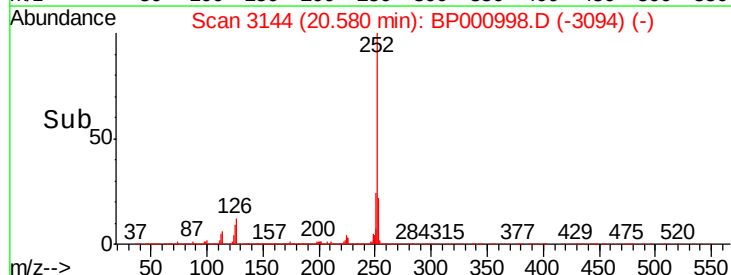
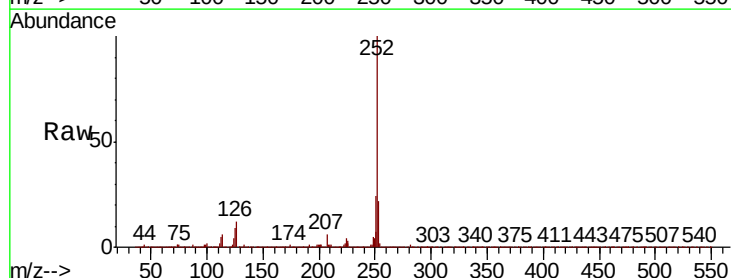
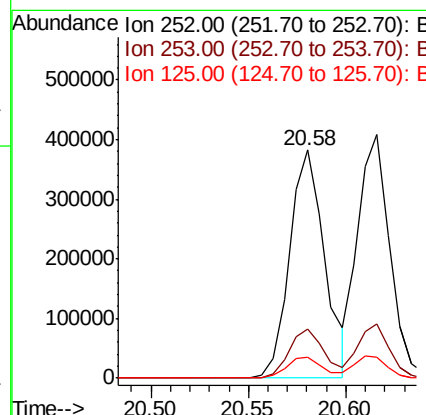
Manual Integrations
APPROVED

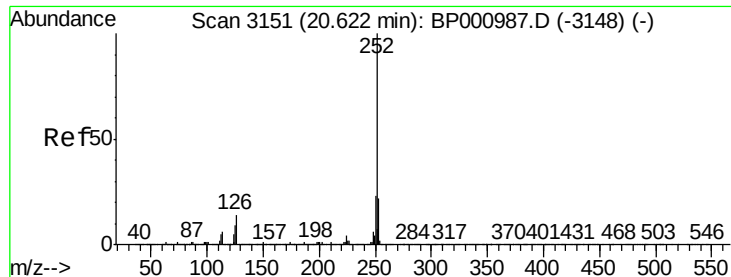
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#88
Benzo(b)fluoranthene
Concen: 7.281 ng
RT: 20.58 min Scan# 3144
Delta R.T. -0.01 min
Lab File: BP000998.D
Acq: 07 Nov 2019 11:37

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.9	26.9
125	9.1	7.3	10.9





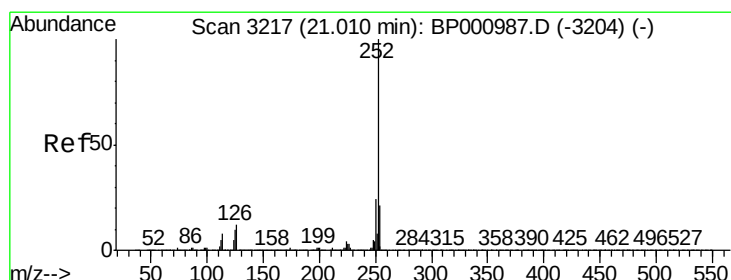
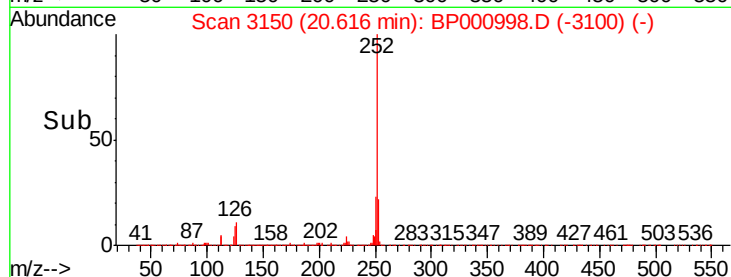
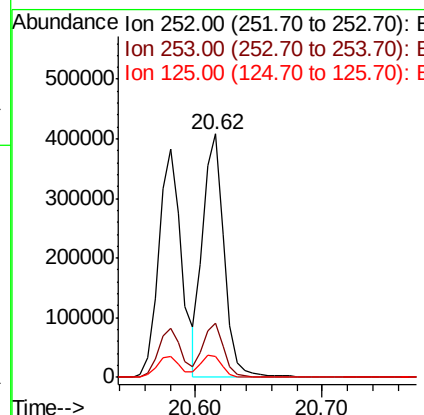
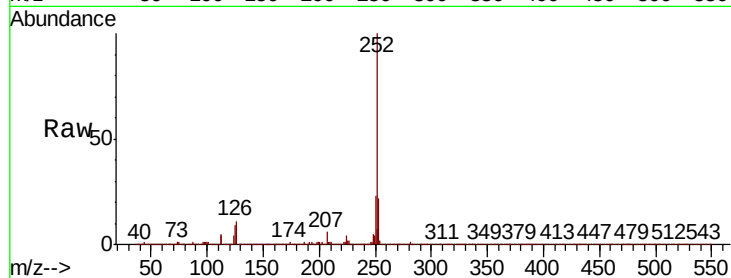
#89
Benzo(k)fluoranthene
Concen: 7.660 ng
RT: 20.62 min Scan# 3150
Delta R.T. -0.01 min
Lab File: BP000998.D
Acq: 07 Nov 2019 11:37

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2019

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.7	26.5
125	8.5	7.3	10.9

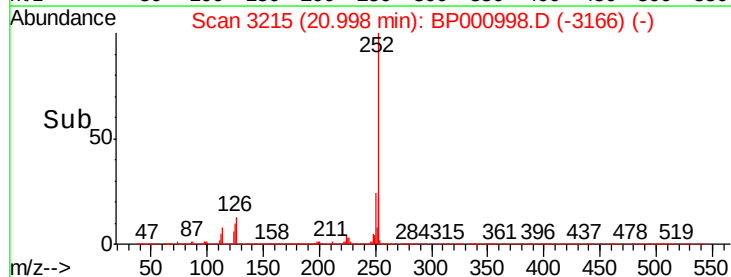
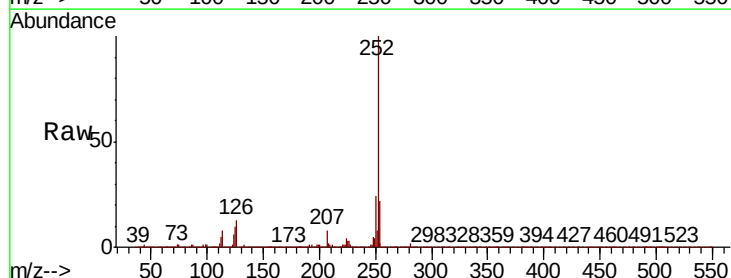
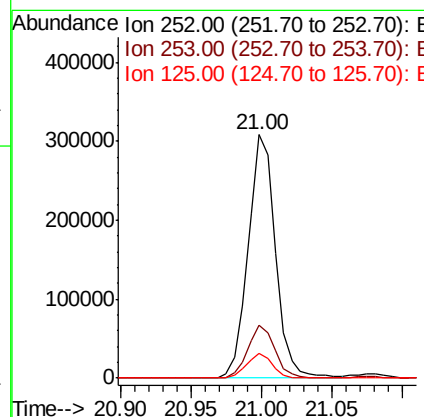
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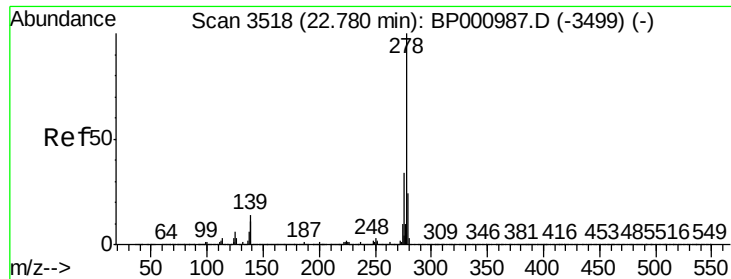
Sohil
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#90
Benzo(a)pyrene
Concen: 6.966 ng
RT: 21.00 min Scan# 3215
Delta R.T. -0.01 min
Lab File: BP000998.D
Acq: 07 Nov 2019 11:37

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.1	25.7
125	10.1	7.6	11.4





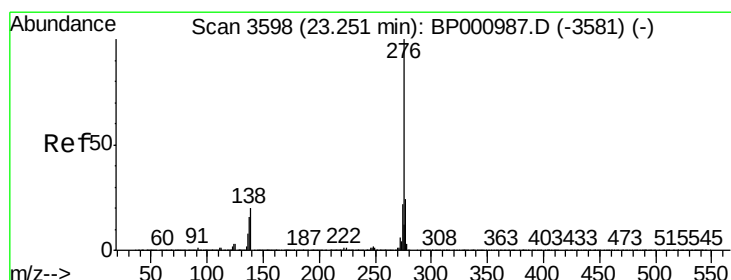
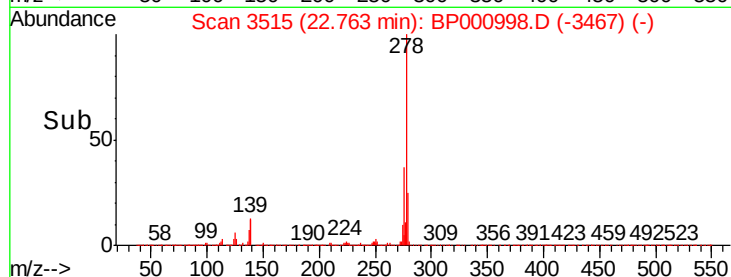
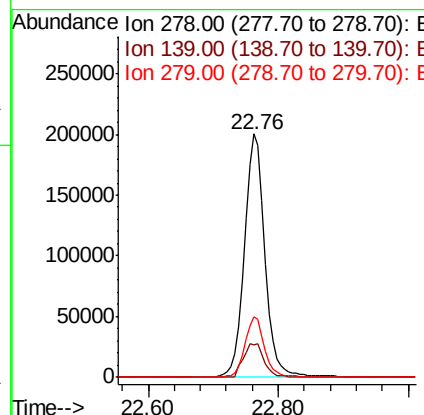
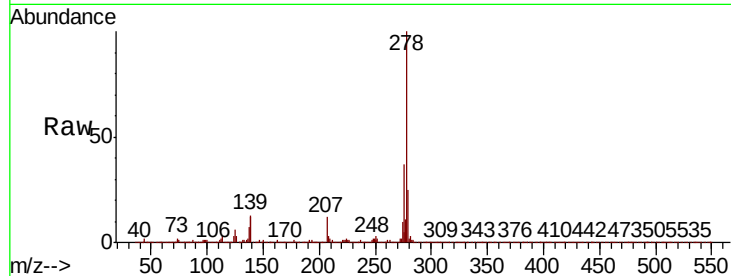
#91
Dibenzo(a,h)anthracene
Concen: 7.113 ng
RT: 22.76 min Scan# 3515
Delta R.T. -0.02 min
Lab File: BP000998.D
Acq: 07 Nov 2019 11:37

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2019

Tot Ion:278	Resp:	436127
Ion Ratio	Lower	Upper
278	100	
139	13.5	11.3 16.9
279	24.9	19.1 28.7

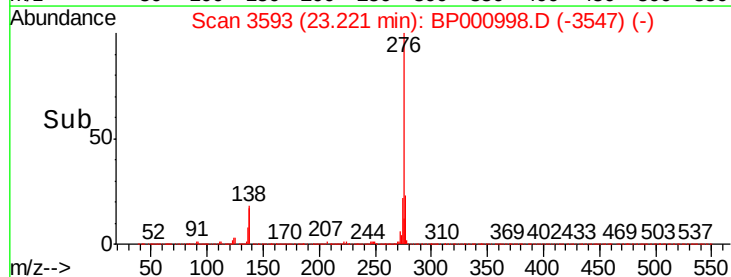
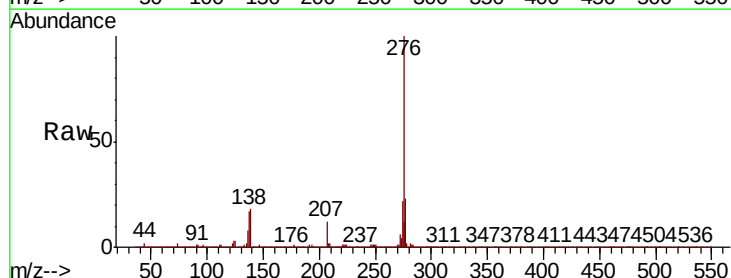
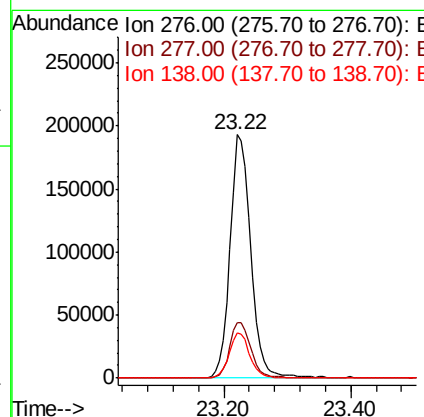
Manual Integrations
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11/8/2019 3:33:46 PM



#92
Benzo(g,h,i)perylene
Concen: 7.073 ng
RT: 23.22 min Scan# 3593
Delta R.T. -0.03 min
Lab File: BP000998.D
Acq: 07 Nov 2019 11:37

Tgt Ion:276	Resp:	436650
Ion Ratio	Lower	Upper
276	100	
277	22.9	19.0 28.4
138	18.3	15.7 23.5



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP110719\
 Data File : BP000998.D
 Acq On : 07 Nov 2019 11:37
 Operator : JU
 Sample : K5111-01
 Misc : LOD-MDL-S-8PPM
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2019

Manual Integrations
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 11/8/2019 3:33:46 PM

Quant Time: Nov 07 12:28:36 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP110619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 07 11:57:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.38	152	243054	20.00	ng	0.00
21) Naphthalene-d8	10.40	136	914759	20.00	ng	0.00
39) Acenaphthene-d10	13.26	164	543942	20.00	ng	0.00
64) Phenanthrene-d10	15.66	188	1106855	20.00	ng	0.00
76) Chrysene-d12	19.29	240	993792	20.00	ng	0.00
87) Perylene-d12	21.07	264	1095987	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	6.30	112	1886201	141.25	ng	0.00
7) Phenol-d6	7.82	99	2371989	140.47	ng	0.00
23) Nitrobenzene-d5	9.26	82	1697799	102.67	ng	0.00
42) 2,4,6-Tribromophenol	14.56	330	903888	139.20	ng	0.00
45) 2-Fluorobiphenyl	12.19	172	3606228	99.85	ng	0.00
79) Terphenyl-d14	17.94	244	4691521	93.90	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.84	88	40557	6.985	ng	99
3) Pyridine	3.75	79	89894	5.856	ng	96
4) n-Nitrosodimethylamine	3.60	42	37750	7.056	ng	98
6) Aniline	7.86	93	180495	8.184	ng	100
8) 2-Chlorophenol	8.04	128	114162	8.062	ng	99
9) Benzaldehyde	7.68	77	98124	8.328	ng	96
10) Phenol	7.83	94	145215m	7.862	ng	
11) bis(2-Chloroethyl)ether	7.98	93	112701	7.838	ng	98
12) 1,3-Dichlorobenzene	8.28	146	139429	7.848	ng	96
13) 1,4-Dichlorobenzene	8.40	146	139986	7.823	ng	99
14) 1,2-Dichlorobenzene	8.64	146	130828	7.906	ng	98
15) Benzyl Alcohol	8.60	79	124603	9.683	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.83	45	110493	7.358	ng	99
17) 2-Methylphenol	8.78	107	95232	7.921	ng	97
18) Hexachloroethane	9.18	117	48667	7.404	ng	94
19) n-Nitroso-di-n-propylamine	9.03	70	81869	8.074	ng	97
20) 3+4-Methylphenols	9.03	107	121970	8.178	ng	98
22) Acetophenone	9.02	105	174062	7.368	ng	100
24) Nitrobenzene	9.28	77	130519	7.866	ng	99
25) Isophorone	9.67	82	224801	7.386	ng	99
26) 2-Nitrophenol	9.79	139	35675	5.753	ng	98
27) 2,4-Dimethylphenol	9.87	122	100143	8.624	ng	96
28) bis(2-Chloroethoxy)methane	10.04	93	142302	7.150	ng	100
29) 2,4-Dichlorophenol	10.17	162	99635	7.109	ng	98
30) 1,2,4-Trichlorobenzene	10.32	180	129038	7.495	ng	97
31) Naphthalene	10.44	128	358765	7.850	ng	100
32) Benzoic acid	9.96	122	11320	1.801	ng	97
33) 4-Chloroaniline	10.53	127	144924	7.395	ng	99
34) Hexachlorobutadiene	10.66	225	81505	7.165	ng	99
35) Caprolactam	11.05	113	29040	6.565	ng	96
36) 4-Chloro-3-methylphenol	11.32	107	102910	7.071	ng	99
37) 2-Methylnaphthalene	11.57	142	252554	7.895	ng	98
38) 1-Methylnaphthalene	11.73	142	238038	7.875	ng	99
40) 1,2,4,5-Tetrachlorobenzene	11.84	216	140940	7.782	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP110719\
 Data File : BP000998.D
 Acq On : 07 Nov 2019 11:37
 Operator : JU
 Sample : K5111-01
 Misc : LOD-MDL-S-8PPM
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2019

Manual Integrations
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 11/8/2019 3:33:46 PM

Quant Time: Nov 07 12:28:36 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP110619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 07 11:57:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	11.84	237	75844	8.359	ng	98
43) 2,4,6-Trichlorophenol	12.03	196	68272	6.252	ng	97
44) 2,4,5-Trichlorophenol	12.07	196	79912	6.844	ng	99
46) 1,1'-Biphenyl	12.33	154	321930	7.915	ng	99
47) 2-Chloronaphthalene	12.36	162	243694	7.443	ng	99
48) 2-Nitroaniline	12.52	65	49423	5.767	ng	97
49) Acenaphthylene	13.03	152	390615	7.848	ng	100
50) Dimethylphthalate	12.85	163	294235	7.315	ng	100
51) 2,6-Dinitrotoluene	12.93	165	54427	6.487	ng	92
52) Acenaphthene	13.32	154	226389	7.604	ng	97
53) 3-Nitroaniline	13.19	138	54024	5.904	ng	93
54) 2,4-Dinitrophenol	13.36	184	6451	3.119	ng	95
55) Dibenzofuran	13.60	168	369374	7.943	ng	98
56) 4-Nitrophenol	13.46	139	35347	5.555	ng	98
57) 2,4-Dinitrotoluene	13.58	165	62160	5.899	ng	99
58) Fluorene	14.16	166	285001	7.701	ng	99
59) 2,3,4,6-Tetrachlorophenol	13.80	232	61676m	6.213	ng	
60) Diethylphthalate	14.02	149	284776	7.049	ng	100
61) 4-Chlorophenyl-phenylether	14.18	204	154440	7.893	ng	99
62) 4-Nitroaniline	12.52	138	55530	5.660	ng	99
63) Azobenzene	14.44	77	264878	7.491	ng	98
65) 4,6-Dinitro-2-methylphenol	14.25	198	13090	4.192	ng	97
66) n-Nitrosodiphenylamine	14.37	169	249230	7.831	ng	99
67) 4-Bromophenyl-phenylether	14.98	248	94029	7.216	ng	97
68) Hexachlorobenzene	15.06	284	111852	7.407	ng	99
69) Atrazine	15.25	200	73179	6.315	ng	98
70) Pentachlorophenol	15.37	266	30695	4.567	ng	95
71) Phenanthrene	15.69	178	445930	7.872	ng	99
72) Anthracene	15.77	178	446911	8.087	ng	100
73) Carbazole	16.01	167	395120	7.798	ng	99
74) Di-n-butylphthalate	16.57	149	395538	6.469	ng	99
75) Fluoranthene	17.40	202	489299	7.642	ng	98
77) Benzidine	17.59	184	208702	5.703	ng	97
78) Pyrene	17.70	202	523888	7.459	ng	99
80) Butylbenzylphthalate	18.59	149	138797	4.991	ng	98
81) Benzo(a)anthracene	19.28	228	490402	7.327	ng	99
82) 3,3'-Dichlorobenzidine	19.25	252	169344	6.939	ng	99
83) Chrysene	19.33	228	482563	8.212	ng	99
84) Bis(2-ethylhexyl)phthalate	19.34	149	224862	6.360	ng	98
85) Di-n-octyl phthalate	20.12	149	333613	5.241	ng	100
86) Indeno(1,2,3-cd)pyrene	22.73	276	513306	6.384	ng	100
88) Benzo(b)fluoranthene	20.58	252	475697	7.281	ng	99
89) Benzo(k)fluoranthene	20.62	252	471095	7.660	ng	99
90) Benzo(a)pyrene	21.00	252	418484	6.966	ng	99
91) Dibenzo(a,h)anthracene	22.76	278	436127	7.113	ng	98
92) Benzo(g,h,i)perylene	23.22	276	436650	7.073	ng	98

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