

#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.37 min Scan# 1068

Delta R.T. -0.01 min

Lab File: BP001003.D

Acq: 07 Nov 2019 16:37

Instrument :

BNA_P

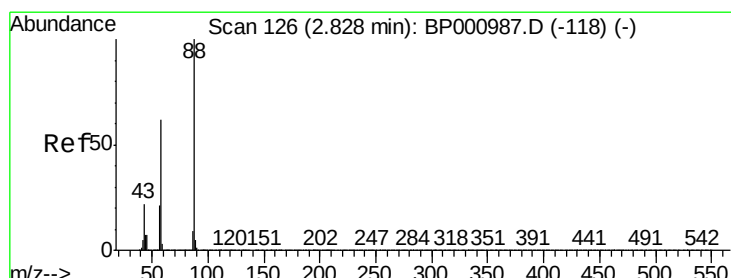
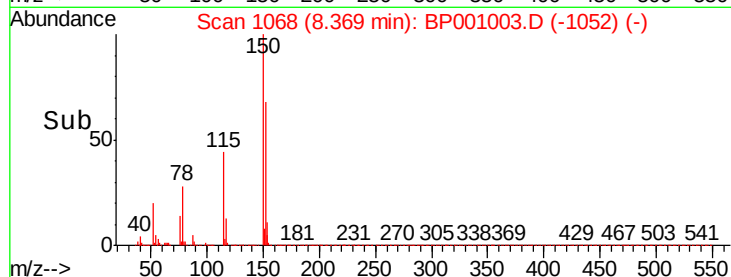
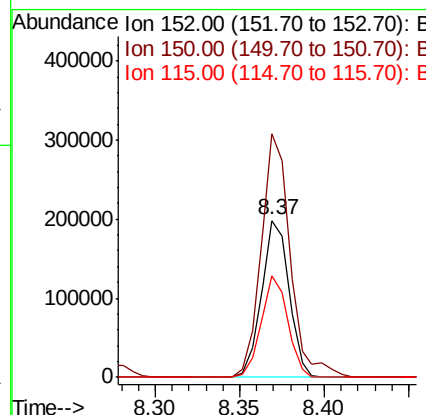
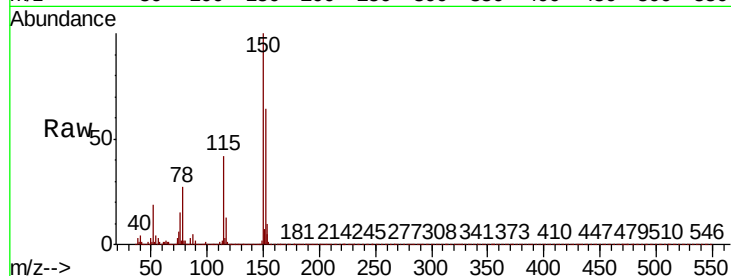
ClientSampleId :

LOQ-SOIL-02-QT4-2019

Tot Ion:	152	Resp:	225525
Ion Ratio	Lower	Upper	
152	100		
150	155.1	123.6	185.4
115	64.5	50.1	75.1

Manual Integrations
APPROVED

Sohil
11/8/2019 3:33:51 PM



#2

1,4-Dioxane

Concen: 9.086 ng

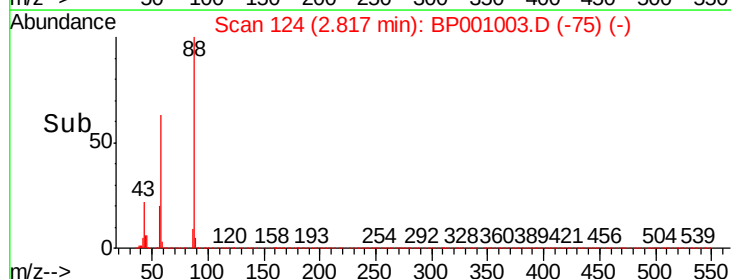
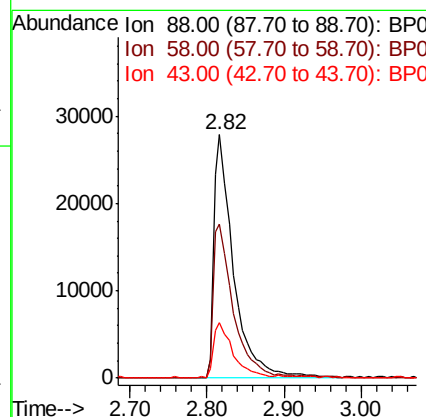
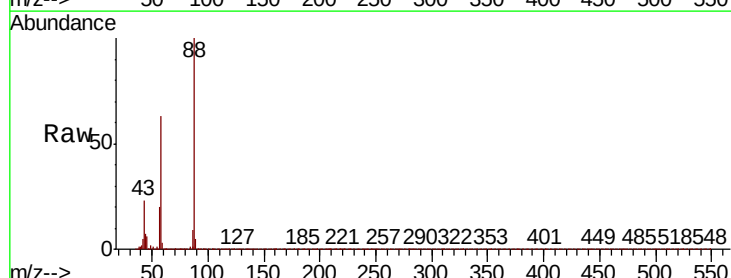
RT: 2.82 min Scan# 124

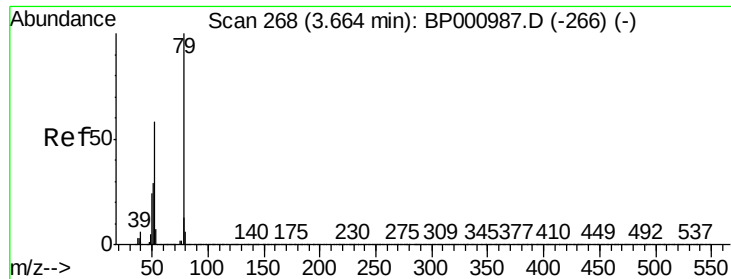
Delta R.T. -0.01 min

Lab File: BP001003.D

Acq: 07 Nov 2019 16:37

Tgt Ion:	88	Resp:	48947
Ion Ratio	Lower	Upper	
88	100		
58	63.9	49.8	74.8
43	22.4	17.6	26.4





#3

Pvridine

Concen: 8.518 ng

RT: 3.71 min Scan# 276

Delta R.T. 0.05 min

Lab File: BP001003.D

Acq: 07 Nov 2019 16:37

Instrument :

BNA_P

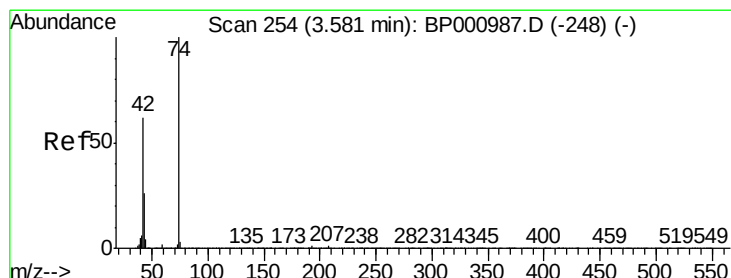
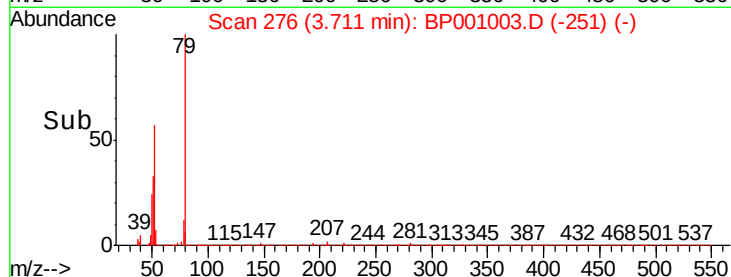
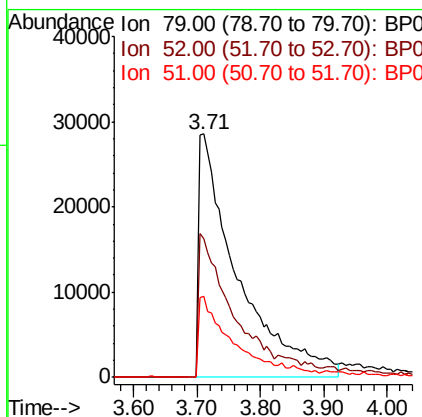
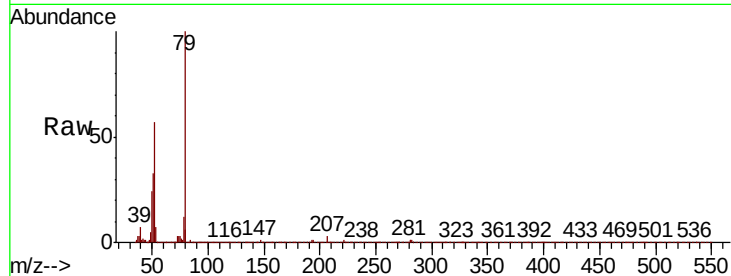
ClientSampleId :

LOQ-SOIL-02-QT4-2019

Tot Ion	79	Resp	121320
Ion Ratio	Lower	Upper	
79	100		
52	57.0	46.4	69.6
51	33.3	23.4	35.0

Manual Integrations
APPROVED

Sohil
11/8/2019 3:33:51 PM



#4

n-Nitrosodimethylamine

Concen: 9.713 ng

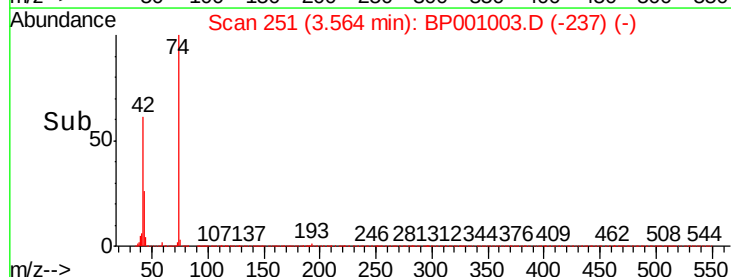
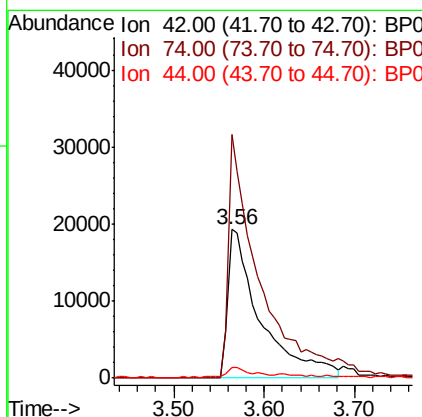
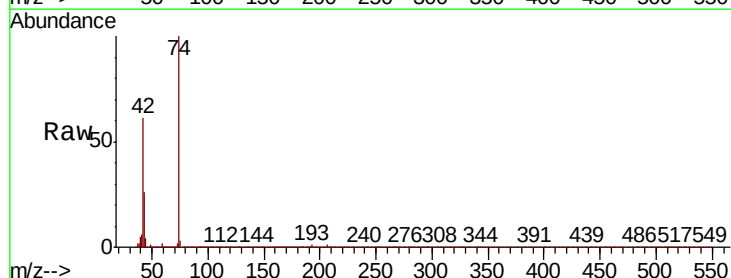
RT: 3.56 min Scan# 251

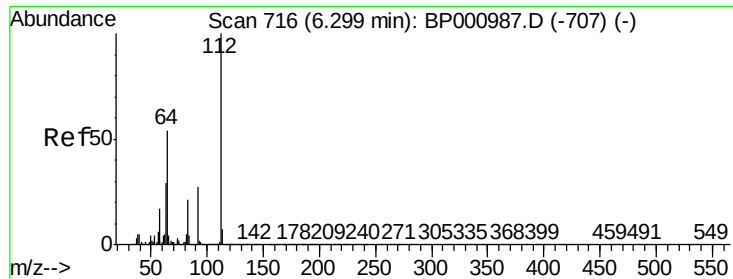
Delta R.T. -0.02 min

Lab File: BP001003.D

Acq: 07 Nov 2019 16:37

Tgt Ion	42	Resp	48215
Ion Ratio	Lower	Upper	
42	100		
74	163.8	128.4	192.6
44	6.8	5.4	8.2





#5

2-Fluorophenol

Concen: 139.598 ng

RT: 6.29 min Scan# 715

Delta R.T. -0.01 min

Lab File: BP001003.D

Acq: 07 Nov 2019 16:37

Instrument :

BNA_P

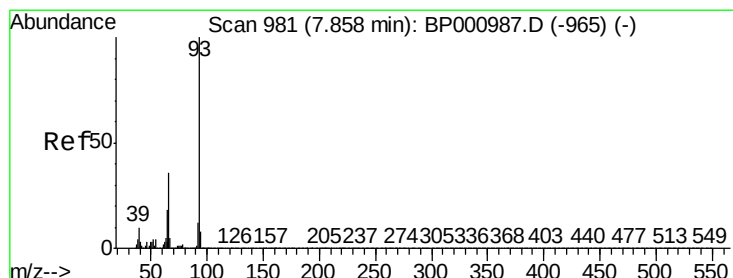
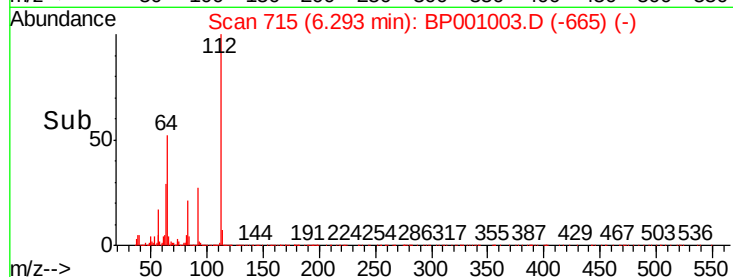
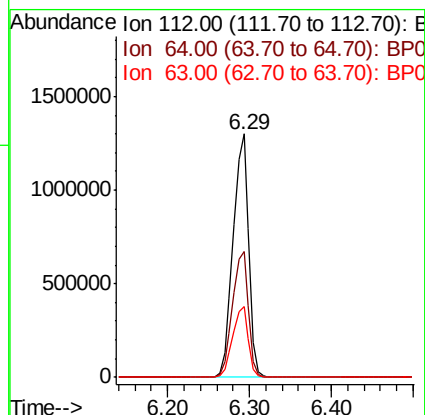
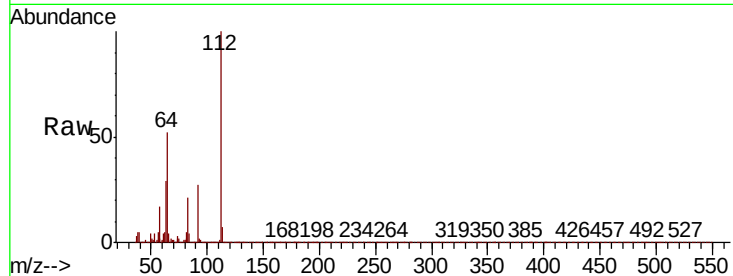
ClientSampleId :

LOQ-SOIL-02-QT4-2019

Tot Ion:	112	Resp:	1729664
Ion	Ratio	Lower	Upper
112	100		
64	51.7	43.4	65.0
63	28.8	23.4	35.0

Manual Integrations
APPROVED

Sohil
11/8/2019 3:33:51 PM



#6

Aniline

Concen: 11.202 ng

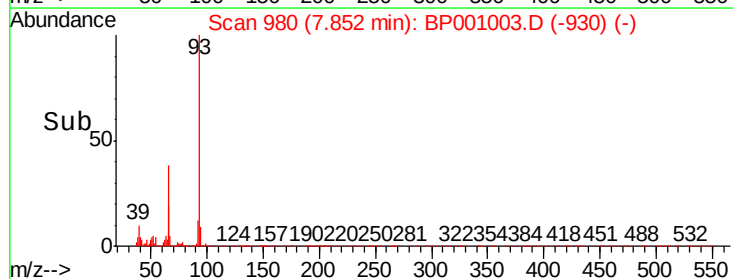
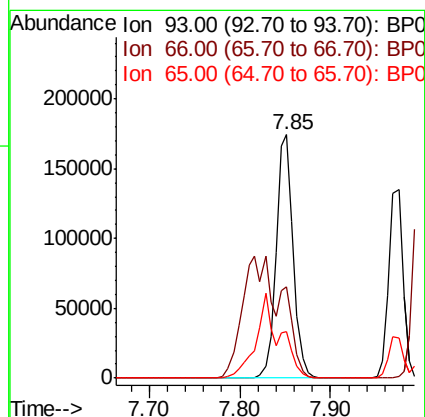
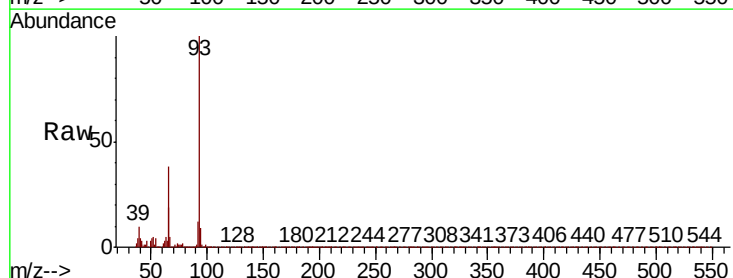
RT: 7.85 min Scan# 980

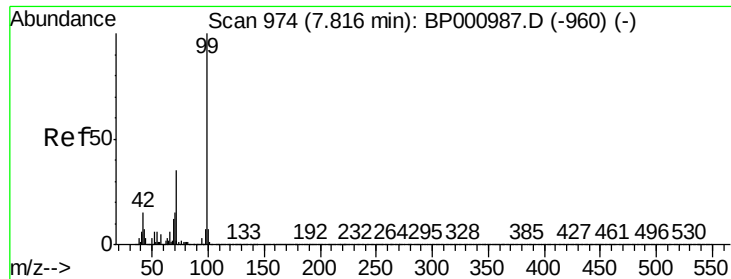
Delta R.T. -0.01 min

Lab File: BP001003.D

Acq: 07 Nov 2019 16:37

Tgt Ion:	93	Resp:	229230
Ion	Ratio	Lower	Upper
93	100		
66	37.5	29.1	43.7
65	19.1	14.6	21.8





#7

Phenol-d6

Concen: 139.338 ng

RT: 7.82 min Scan# 974

Delta R.T. -0.00 min

Lab File: BP001003.D

Acq: 07 Nov 2019 16:37

Instrument :

BNA_P

ClientSampleId :

LOQ-SOIL-02-QT4-2019

Tot Ion: 99 Resp: 2183174

Ion Ratio Lower Upper

99 100

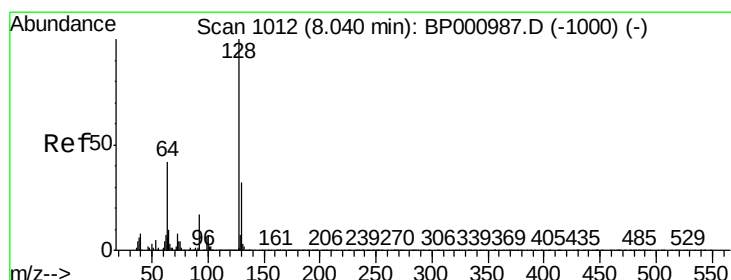
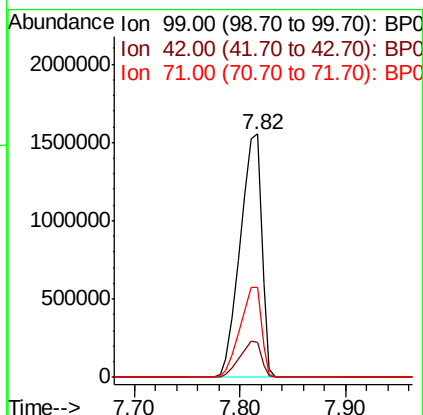
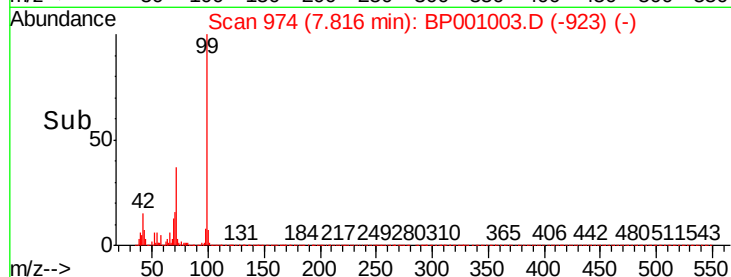
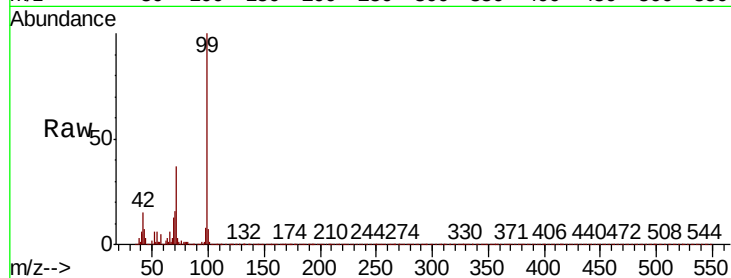
42 14.6 11.6 17.4

71 36.8 28.0 42.0

Manual Integrations
APPROVED

Sohil

11/8/2019 3:33:51 PM



#8

2-Chlorophenol

Concen: 11.021 ng

RT: 8.03 min Scan# 1011

Delta R.T. -0.01 min

Lab File: BP001003.D

Acq: 07 Nov 2019 16:37

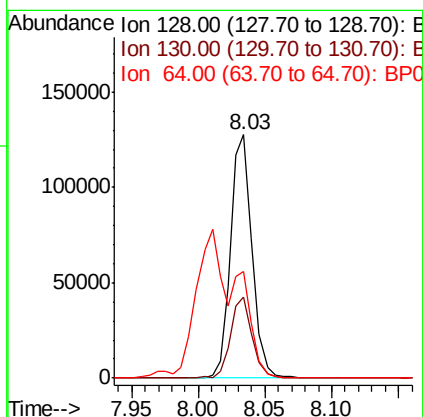
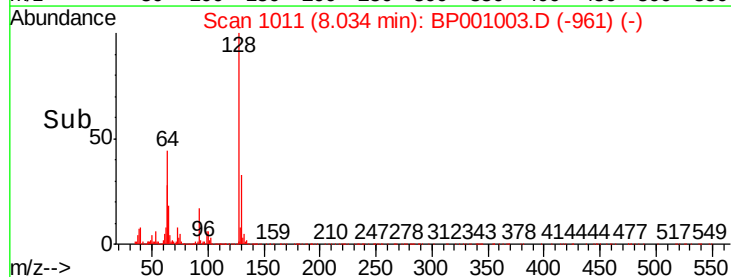
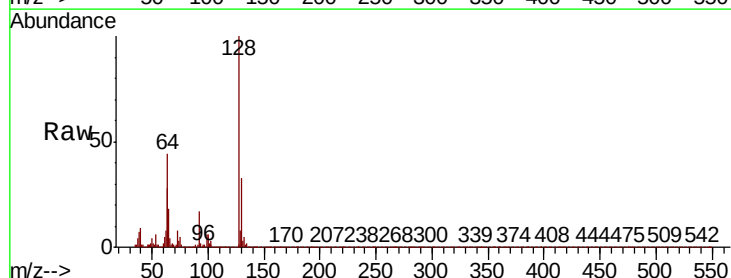
Tgt Ion: 128 Resp: 144809

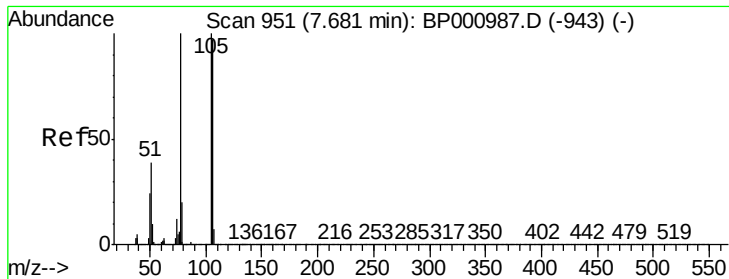
Ion Ratio Lower Upper

128 100

130 33.2 12.0 52.0

64 43.8 22.7 62.7





#9

Benzaldehyde

Concen: 11.585 ng

RT: 7.67 min Scan# 949

Delta R.T. -0.01 min

Lab File: BP001003.D

Acq: 07 Nov 2019 16:37

Instrument :

BNA_P

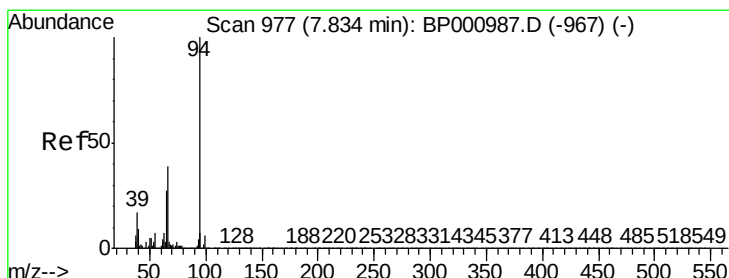
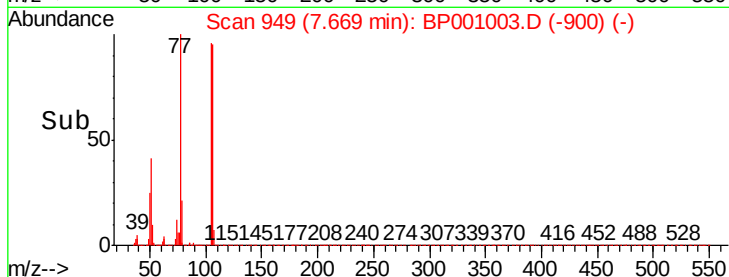
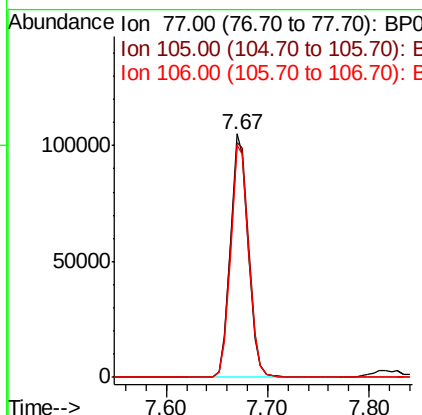
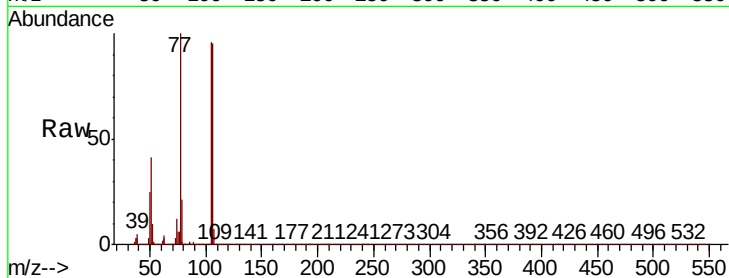
ClientSampleId :

LOQ-SOIL-02-QT4-2019

Tot Ion:	77	Resp:	126643
Ion Ratio	Lower	Upper	
77	100		
105	96.4	80.0	120.0
106	95.4	76.9	116.9

Manual Integrations
APPROVED

Sohil
11/8/2019 3:33:51 PM



#10

Phenol

Concen: 10.779 ng m

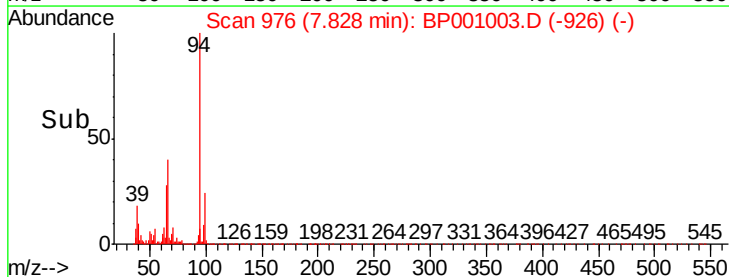
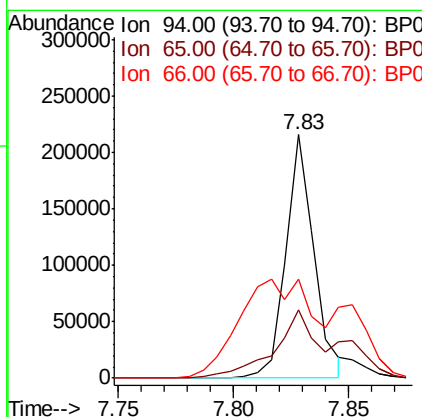
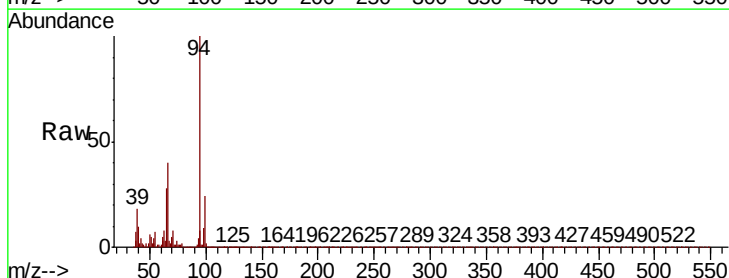
RT: 7.83 min Scan# 976

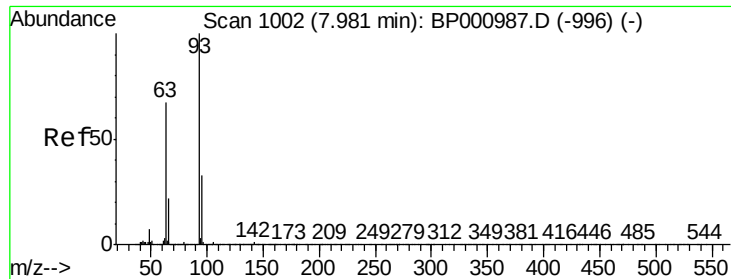
Delta R.T. -0.01 min

Lab File: BP001003.D

Acq: 07 Nov 2019 16:37

Tgt Ion:	94	Resp:	184719
Ion Ratio	Lower	Upper	
94	100		
65	28.1	6.7	46.7
66	40.5	18.6	58.6





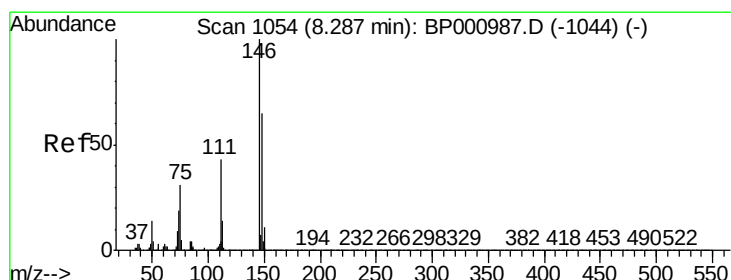
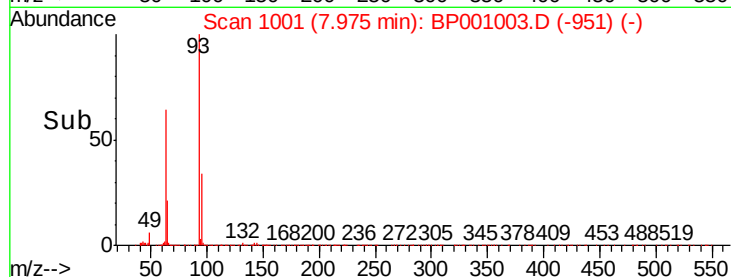
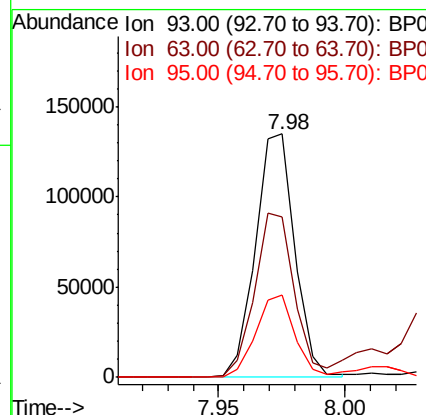
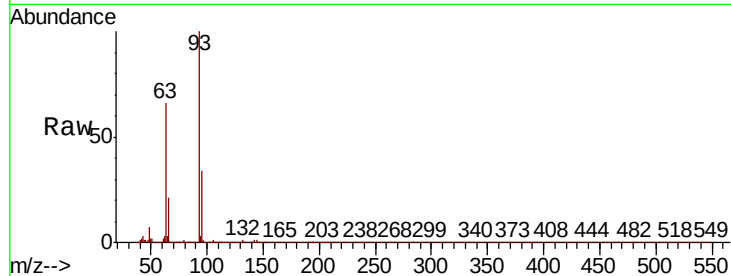
#11
bis(2-Chloroethyl)ether
Concen: 10.872 ng
RT: 7.98 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BP001003.D
Acq: 07 Nov 2019 16:37

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2019

Tot Ion	Ratio	Resp	Lower	Upper
93	100	145044		
63	65.7		47.4	87.4
95	33.7		12.6	52.6

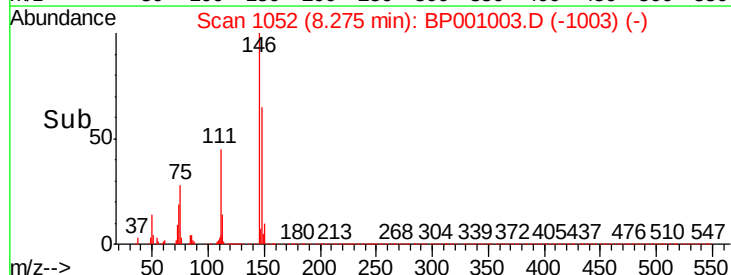
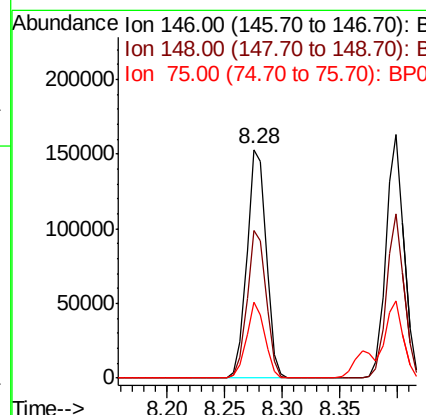
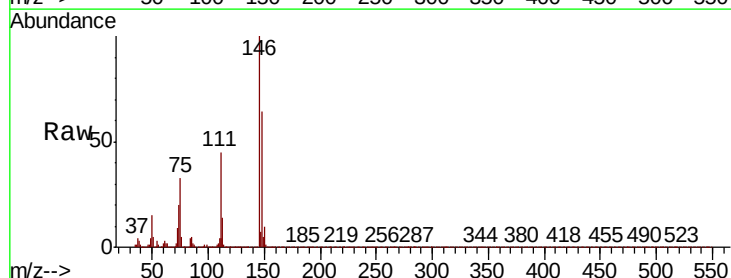
Manual Integrations
APPROVED

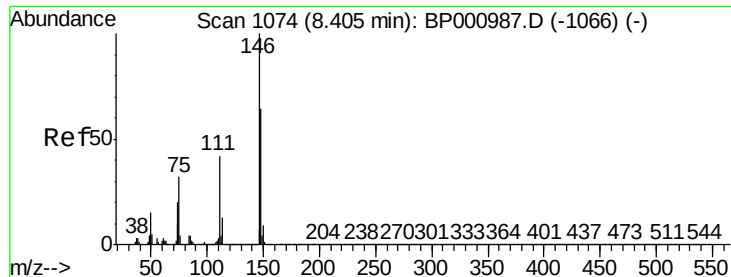
Sohil
11/8/2019 3:33:51 PM



#12
1,3-Dichlorobenzene
Concen: 10.724 ng
RT: 8.28 min Scan# 1052
Delta R.T. -0.01 min
Lab File: BP001003.D
Acq: 07 Nov 2019 16:37

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	176772		
148	64.5		52.3	78.5
75	33.1		24.6	37.0





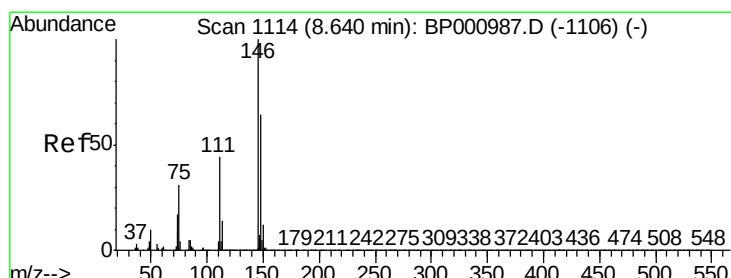
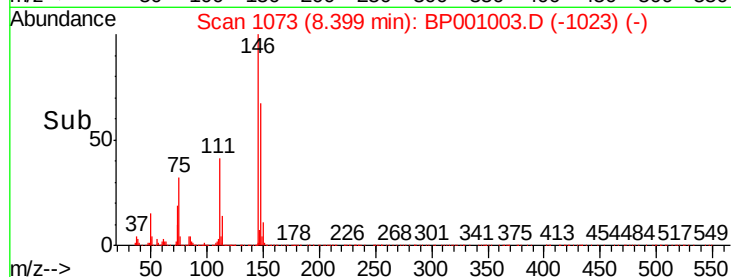
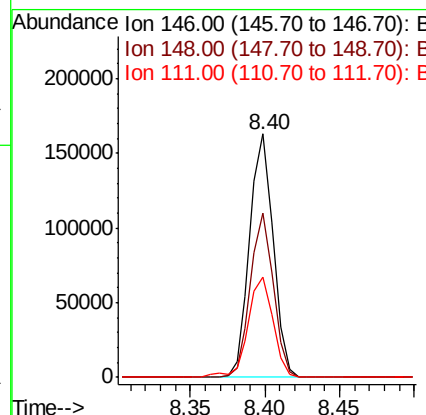
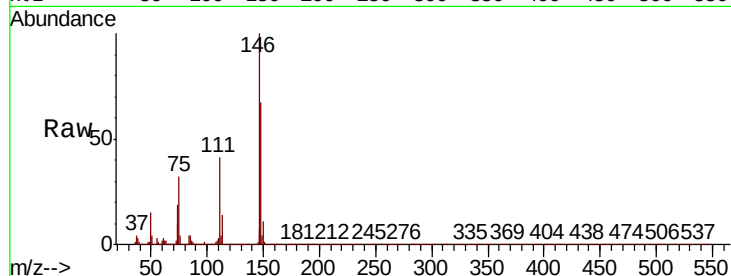
#13
1,4-Dichlorobenzene
Concen: 10.735 ng
RT: 8.40 min Scan# 1073
Delta R.T. -0.01 min
Lab File: BP001003.D
Acq: 07 Nov 2019 16:37

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2019

Tot Ion	Ratio	Lower	Upper
146	100		
148	67.3	51.5	77.3
111	41.4	33.8	50.6

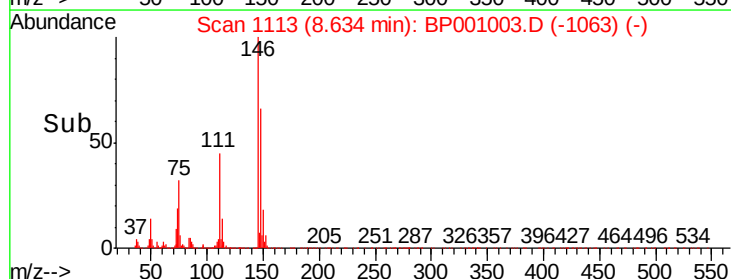
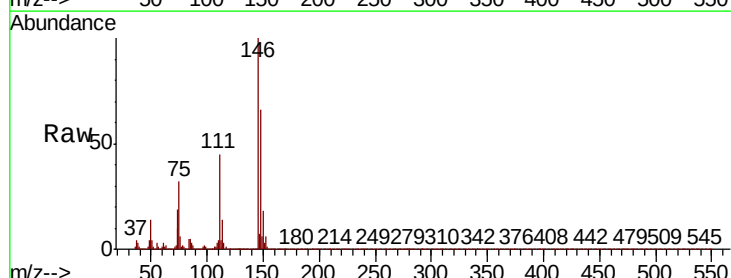
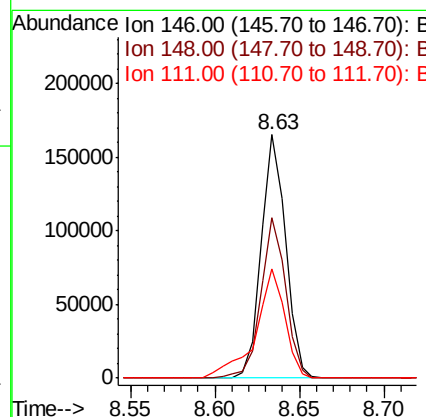
Manual Integrations
APPROVED

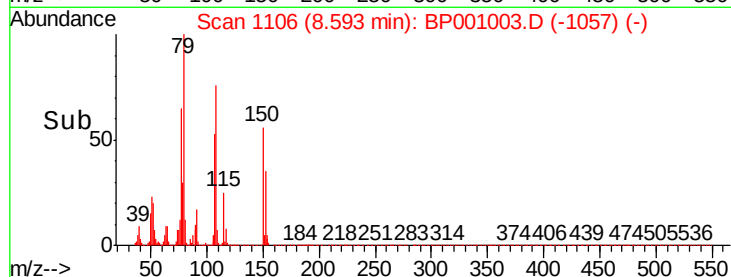
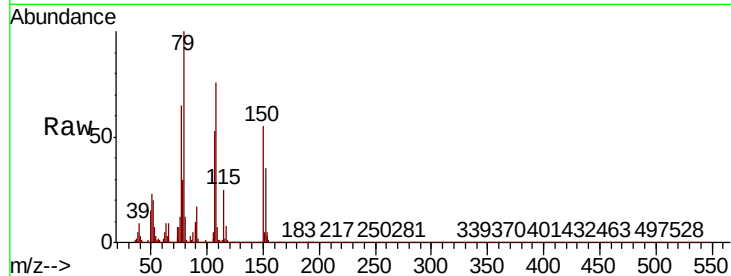
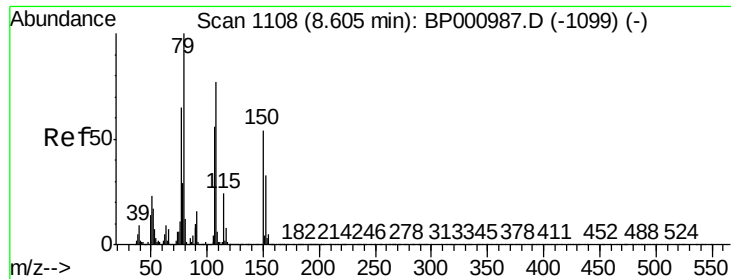
Sohil
11/8/2019 3:33:51 PM



#14
1,2-Dichlorobenzene
Concen: 10.869 ng
RT: 8.63 min Scan# 1113
Delta R.T. -0.01 min
Lab File: BP001003.D
Acq: 07 Nov 2019 16:37

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.6	51.4	77.0
111	45.1	35.6	53.4





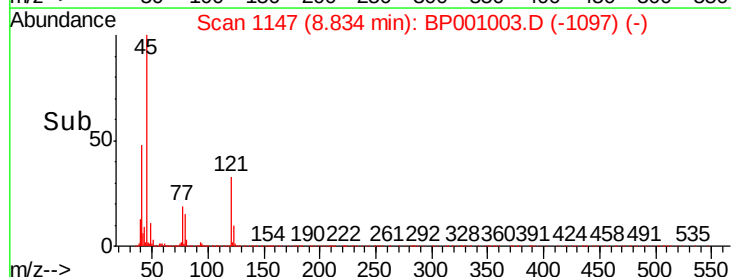
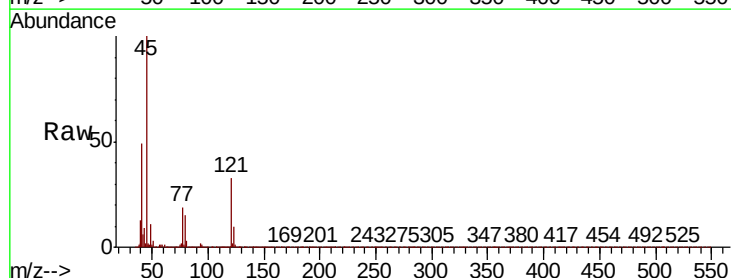
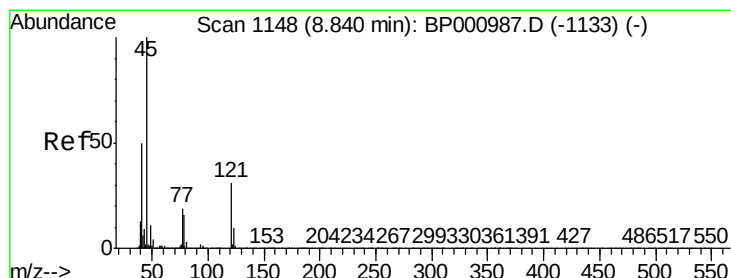
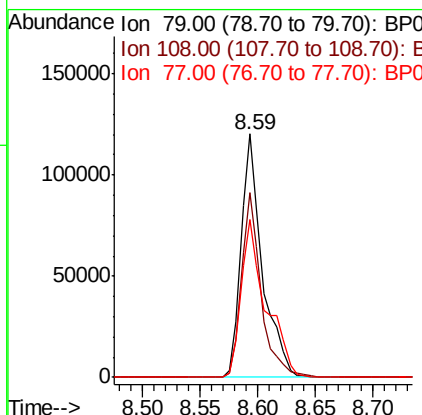
#15
Benzyl Alcohol
Concen: 12.904 ng
RT: 8.59 min Scan# 1106
Delta R.T. -0.01 min
Lab File: BP001003.D
Acq: 07 Nov 2019 16:37

Tot Ion	Ratio	Lower	Upper
79	100		
108	76.0	62.0	93.0
77	64.6	51.9	77.9

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2019

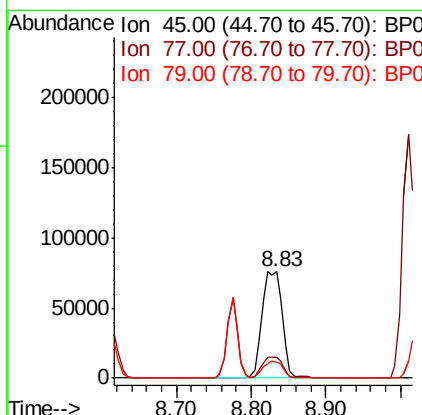
Manual Integrations
APPROVED

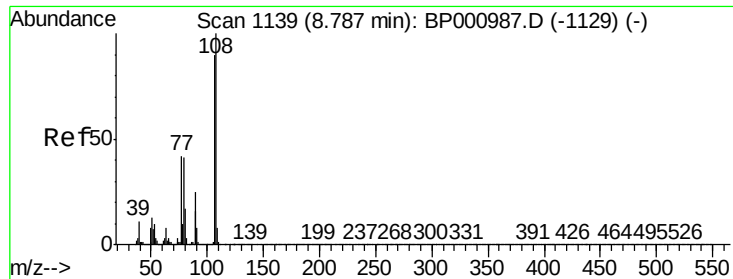
Sohil
11/8/2019 3:33:51 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 10.266 ng
RT: 8.83 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BP001003.D
Acq: 07 Nov 2019 16:37

Tgt Ion	Ratio	Lower	Upper
45	100		
77	19.5	0.0	39.1
79	15.4	0.0	35.9





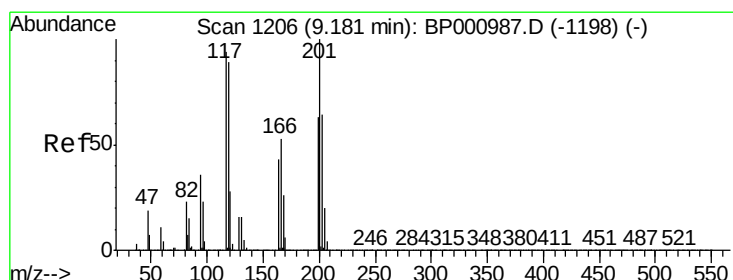
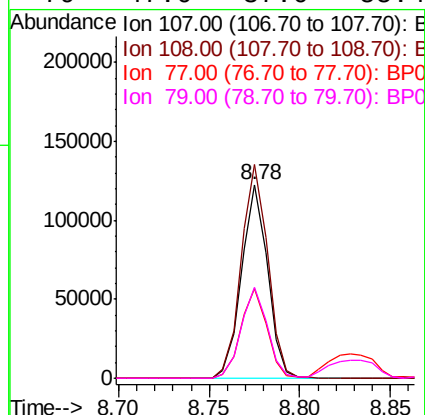
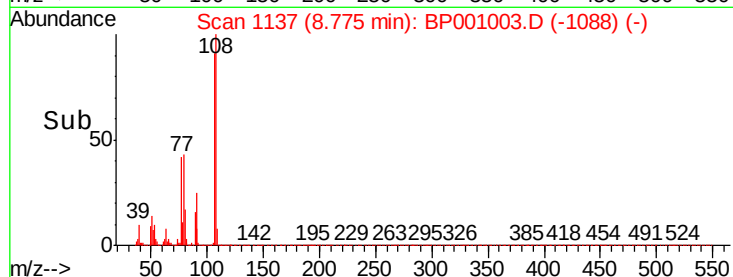
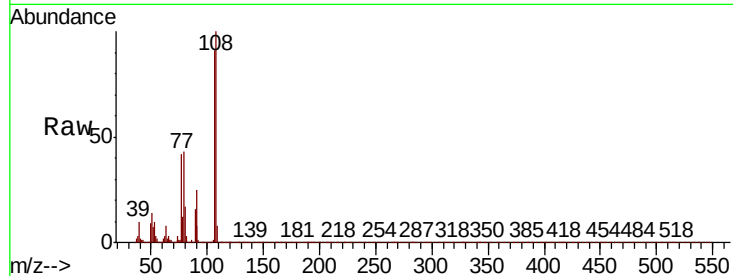
#17
2-Methylphenol
Concen: 11.040 ng
RT: 8.78 min Scan# 1137
Delta R.T. -0.01 min
Lab File: BP001003.D
Acq: 07 Nov 2019 16:37

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2019

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	110.4	89.3	133.9	
77	46.1	37.2	55.8	
79	47.0	37.0	55.4	

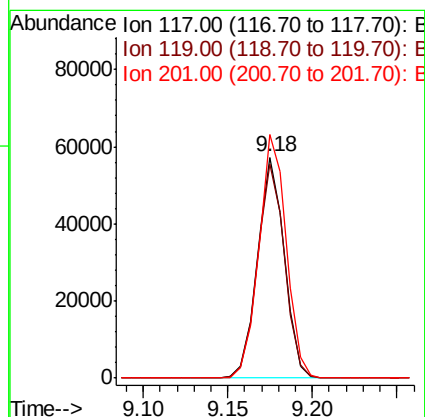
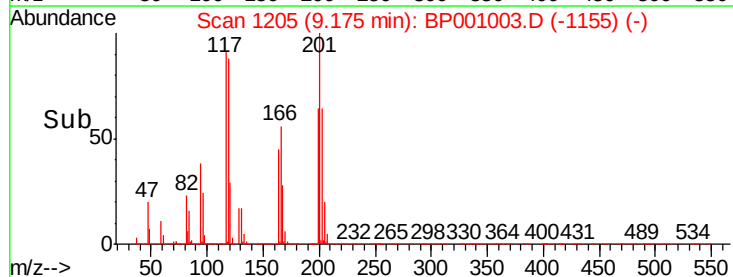
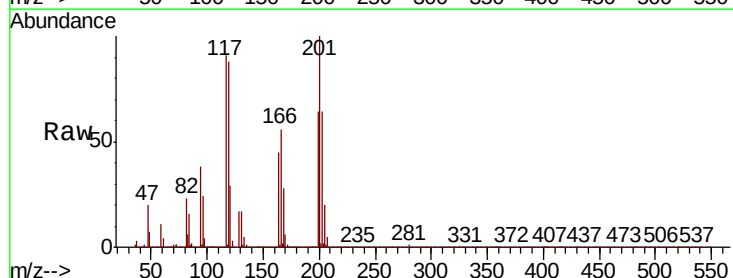
Manual Integrations
APPROVED

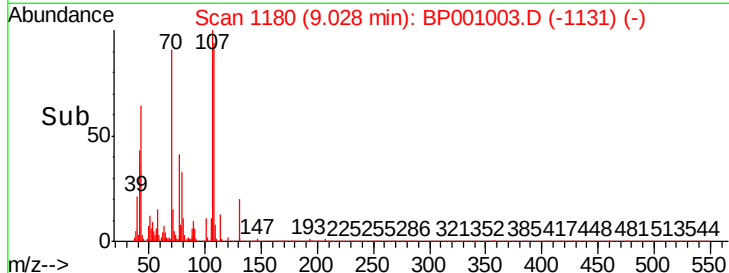
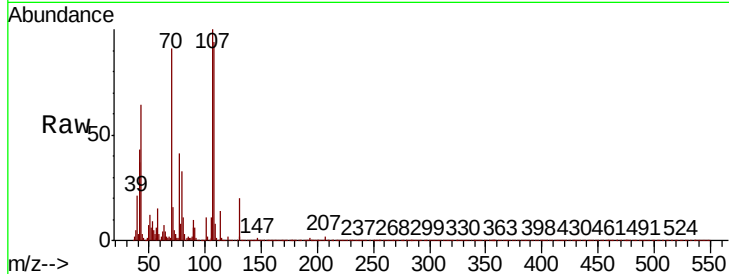
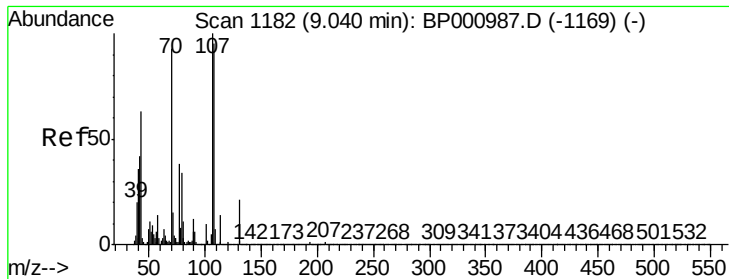
Sohil
11/8/2019 3:33:51 PM



#18
Hexachloroethane
Concen: 10.341 ng
RT: 9.18 min Scan# 1205
Delta R.T. -0.01 min
Lab File: BP001003.D
Acq: 07 Nov 2019 16:37

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.9	75.5	113.3	
201	110.1	84.9	127.3	





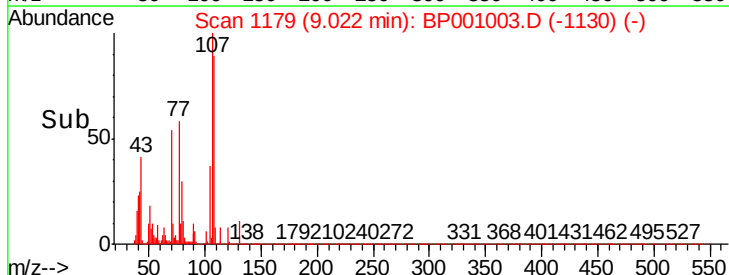
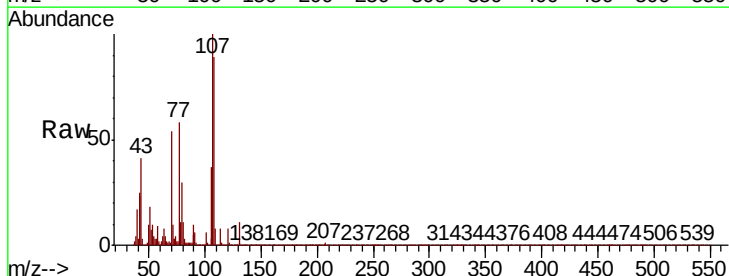
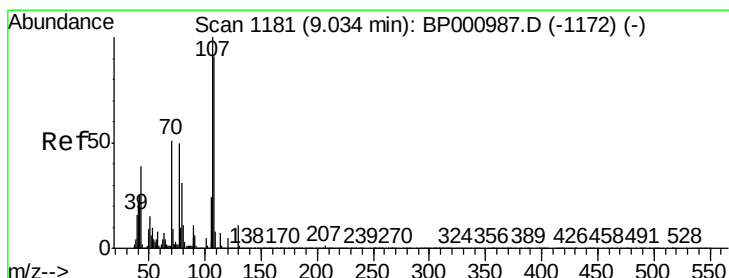
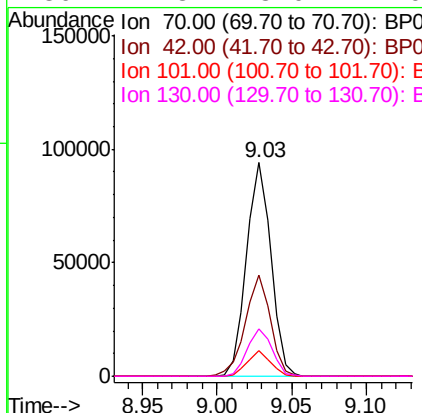
#19
n-Nitroso-di-n-propylamine
Concen: 11.332 ng
RT: 9.03 min Scan# 1180
Delta R.T. -0.01 min
Lab File: BP001003.D
Acq: 07 Nov 2019 16:37

Tot Ion	Ratio	Lower	Upper
70	100		
42	47.7	36.3	54.5
101	11.7	8.7	13.1
130	22.3	18.0	27.0

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2019

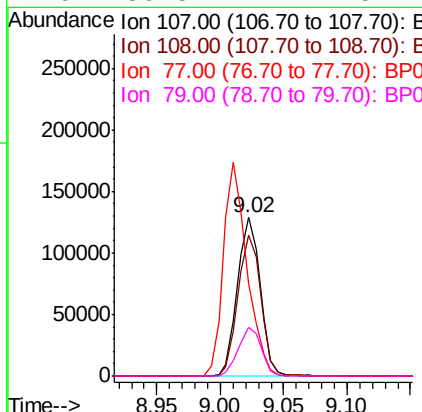
Manual Integrations
APPROVED

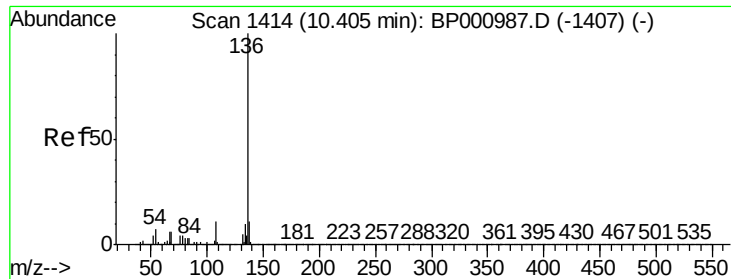
Sohil
11/8/2019 3:33:51 PM



#20
3+4-Methylphenols
Concen: 11.582 ng
RT: 9.02 min Scan# 1179
Delta R.T. -0.01 min
Lab File: BP001003.D
Acq: 07 Nov 2019 16:37

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.9	71.1	111.1
77	58.2	29.8	69.8
79	30.5	11.1	51.1





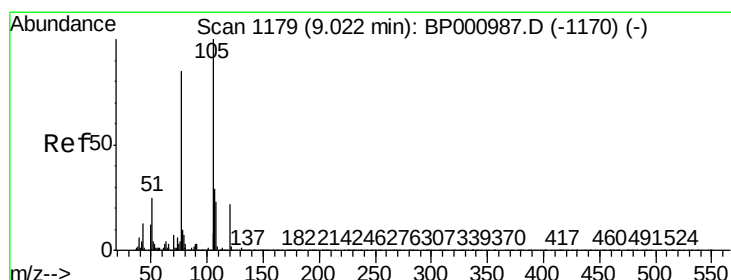
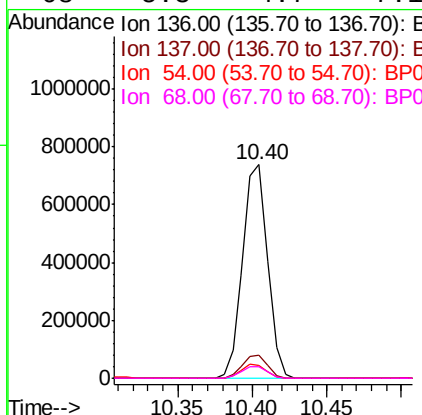
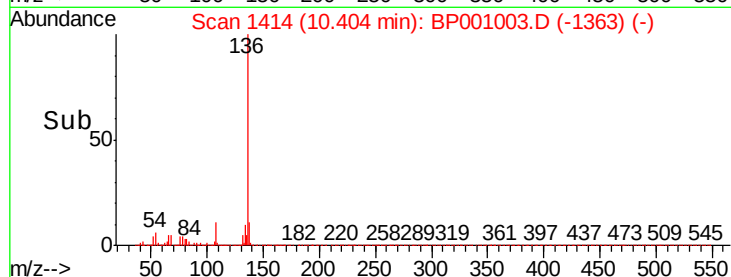
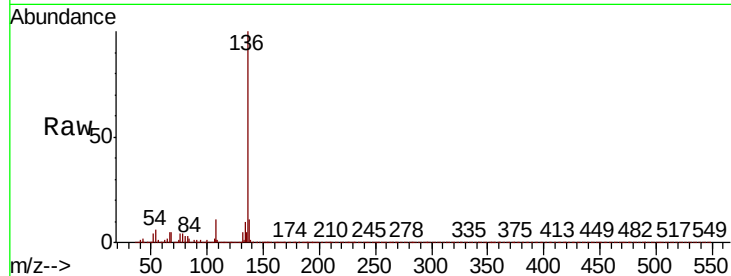
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.40 min Scan# 1414
Delta R.T. -0.00 min
Lab File: BP001003.D
Acq: 07 Nov 2019 16:37

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2019

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		858788		
137	10.9		9.0	13.6	
54	6.2		5.4	8.2	
68	5.3		4.7	7.1	

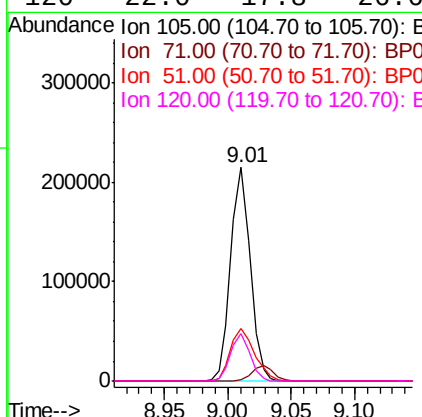
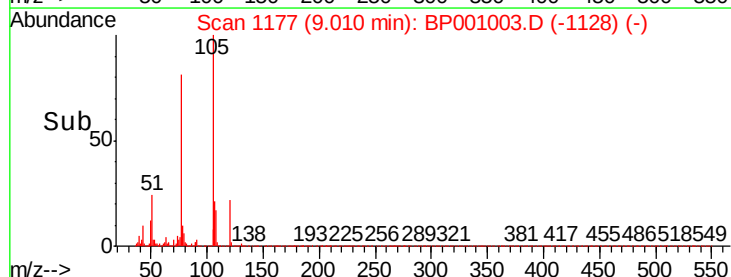
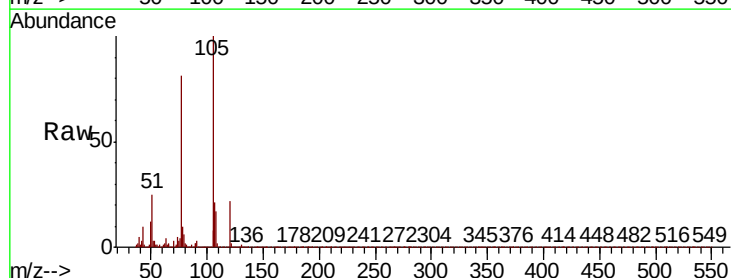
Manual Integrations
APPROVED

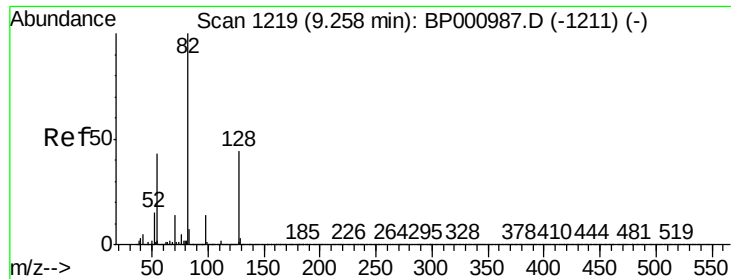
Sohil
11/8/2019 3:33:51 PM



#22
Acetophenone
Concen: 10.325 ng
RT: 9.01 min Scan# 1177
Delta R.T. -0.01 min
Lab File: BP001003.D
Acq: 07 Nov 2019 16:37

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		228989		
71	0.5		1.0	1.4#	
51	24.5		19.9	29.9	
120	22.0		17.8	26.6	





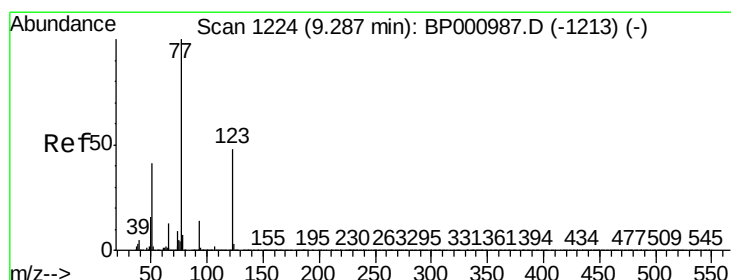
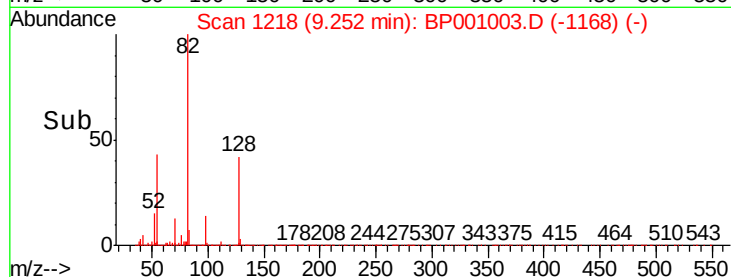
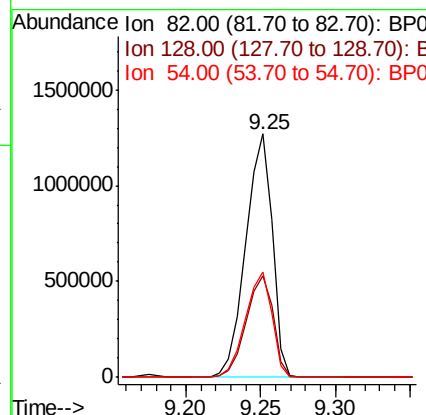
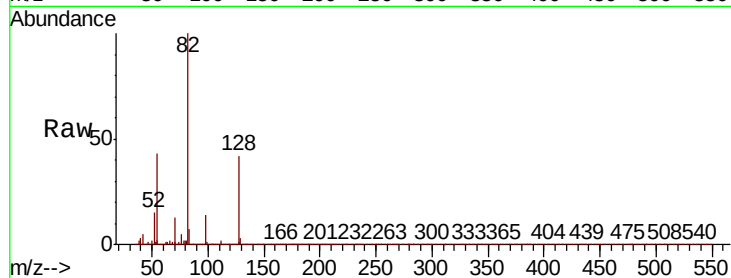
#23
 Nitrobenzene-d5
 Concen: 100.801 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. -0.01 min
 Lab File: BP001003.D
 Acq: 07 Nov 2019 16:37

Instrument :
 BNA_P
 ClientSampleId :
 LOQ-SOIL-02-QT4-2019

Tot Ion	Ion	Ratio	Lower	Upper
82	100			
128	42.0	35.3	52.9	
54	43.4	34.3	51.5	

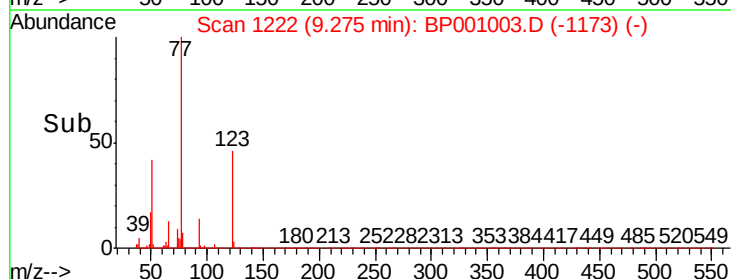
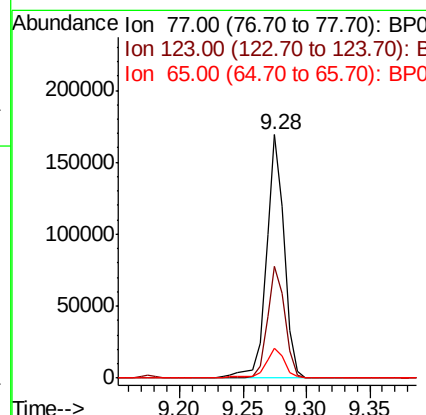
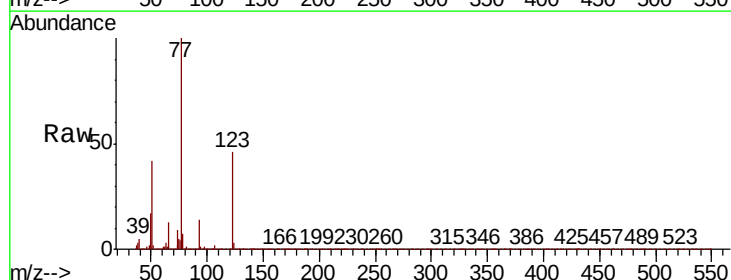
Manual Integrations
 APPROVED

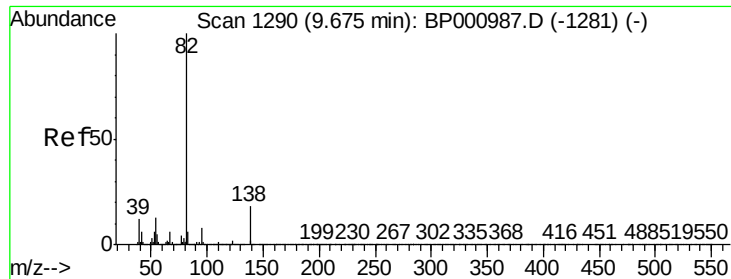
Sohil
 11/8/2019 3:33:51 PM



#24
 Nitrobenzene
 Concen: 10.632 ng
 RT: 9.28 min Scan# 1222
 Delta R.T. -0.01 min
 Lab File: BP001003.D
 Acq: 07 Nov 2019 16:37

Tgt Ion	Ion	Ratio	Lower	Upper
77	100			
123	45.7	38.1	57.1	
65	12.5	10.2	15.2	





#25

Isophorone

Concen: 10.601 ng

RT: 9.67 min Scan# 1289

Delta R.T. -0.01 min

Lab File: BP001003.D

Acq: 07 Nov 2019 16:37

Instrument :

BNA_P

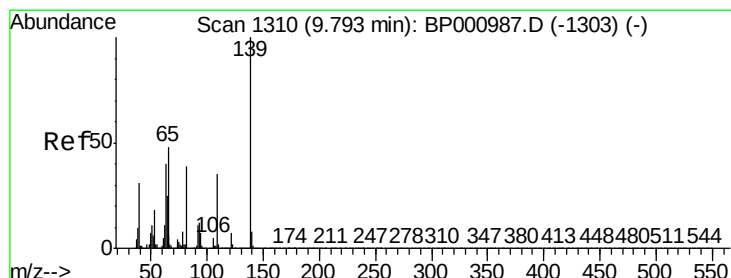
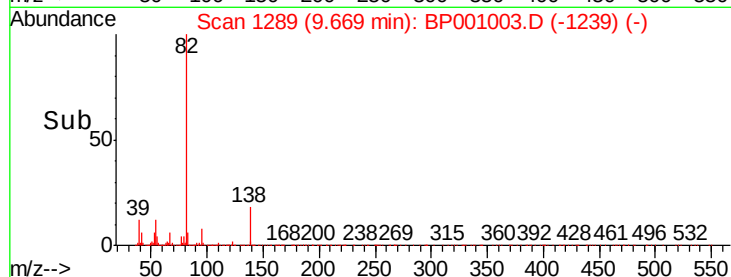
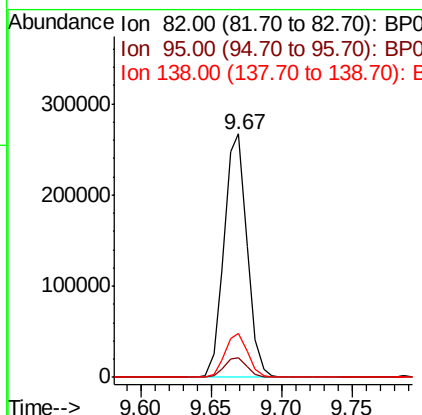
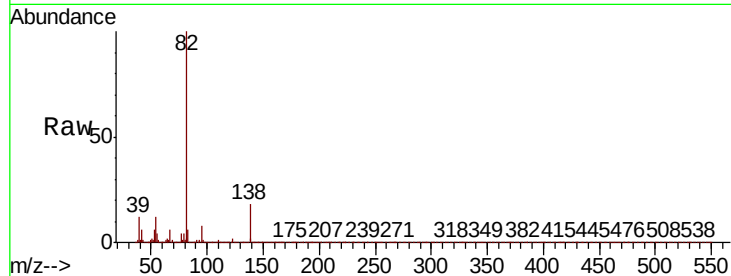
ClientSampleId :

LOQ-SOIL-02-QT4-2019

Tot Ion	82	Resp	302932
Ion Ratio	Lower	Upper	
82	100		
95	8.1	6.2	9.4
138	18.2	14.2	21.4

Manual Integrations
APPROVED

Sohil
11/8/2019 3:33:51 PM



#26

2-Nitrophenol

Concen: 8.978 ng

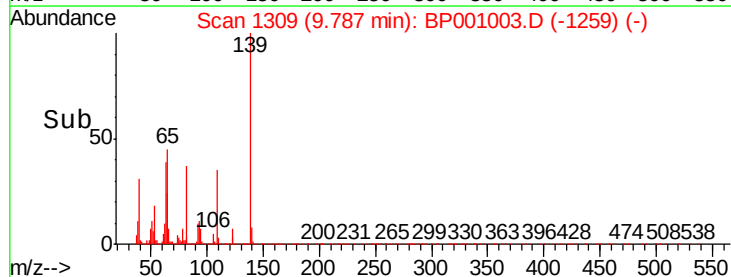
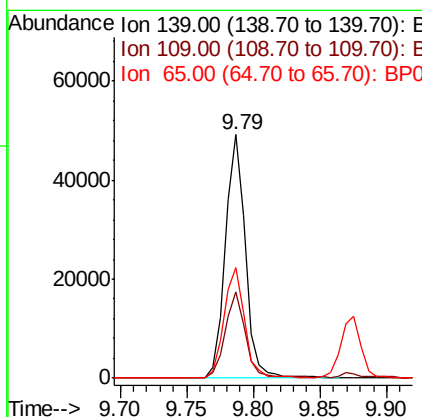
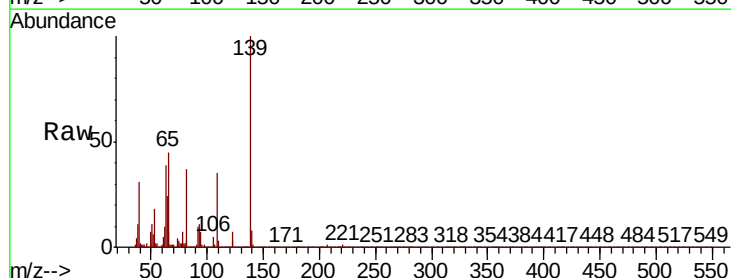
RT: 9.79 min Scan# 1309

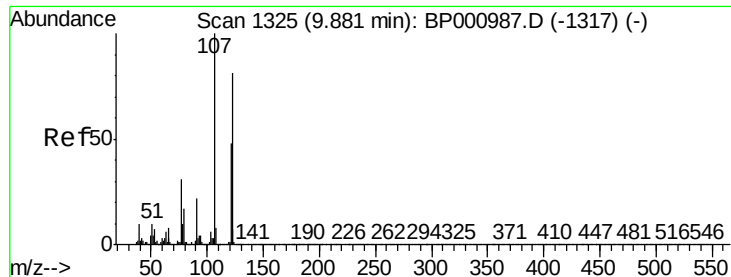
Delta R.T. -0.01 min

Lab File: BP001003.D

Acq: 07 Nov 2019 16:37

Tgt Ion	139	Resp	52267
Ion Ratio	Lower	Upper	
139	100		
109	35.4	27.7	41.5
65	45.4	38.2	57.4





#27

2,4-Dimethylphenol

Concen: 11.623 ng

RT: 9.88 min Scan# 1324

Delta R.T. -0.01 min

Lab File: BP001003.D

Acq: 07 Nov 2019 16:37

Instrument :

BNA_P

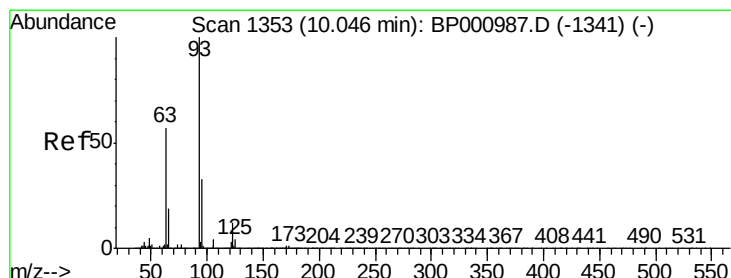
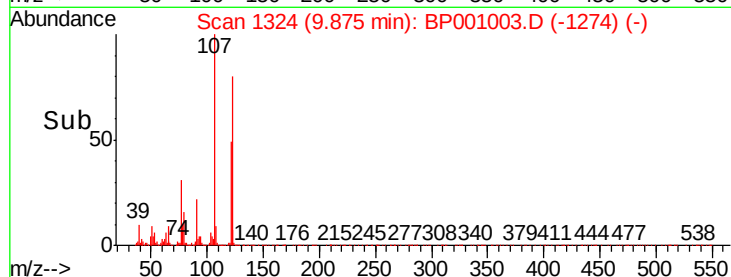
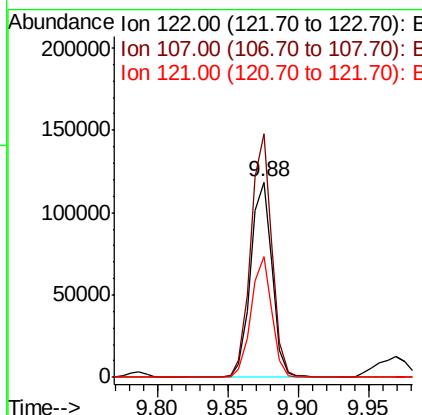
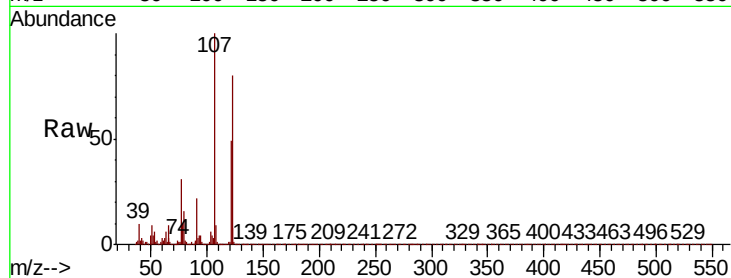
ClientSampleId :

LOQ-SOIL-02-QT4-2019

Tot Ion:	122	Resp:	126707
Ion Ratio	Lower	Upper	
122	100		
107	124.5	99.3	148.9
121	61.5	47.9	71.9

Manual Integrations
APPROVED

Sohil
11/8/2019 3:33:51 PM



#28

bis(2-Chloroethoxy)methane

Concen: 10.213 ng

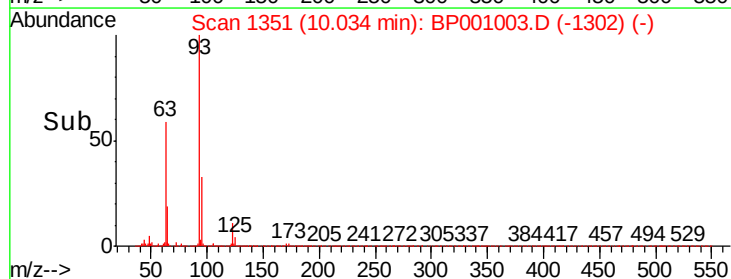
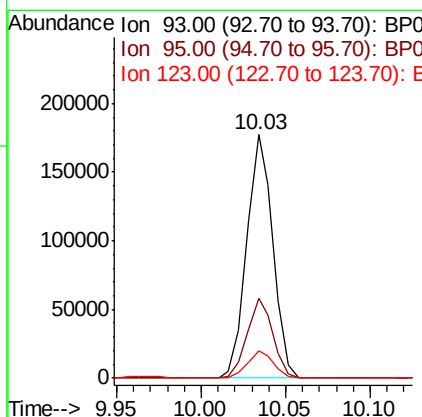
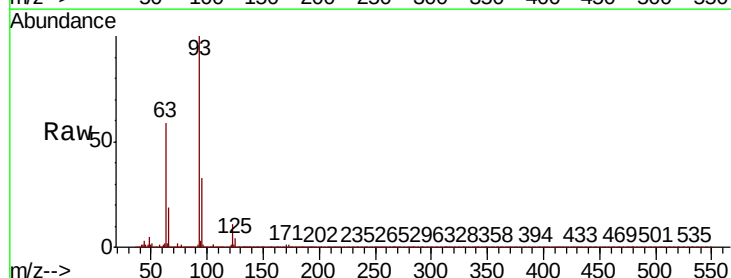
RT: 10.03 min Scan# 1351

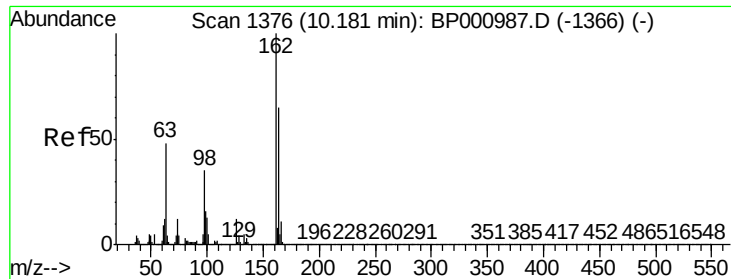
Delta R.T. -0.01 min

Lab File: BP001003.D

Acq: 07 Nov 2019 16:37

Tgt Ion:	93	Resp:	190821
Ion Ratio	Lower	Upper	
93	100		
95	32.5	26.1	39.1
123	11.0	9.6	14.4





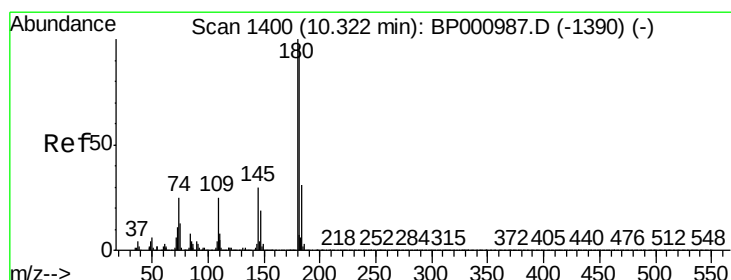
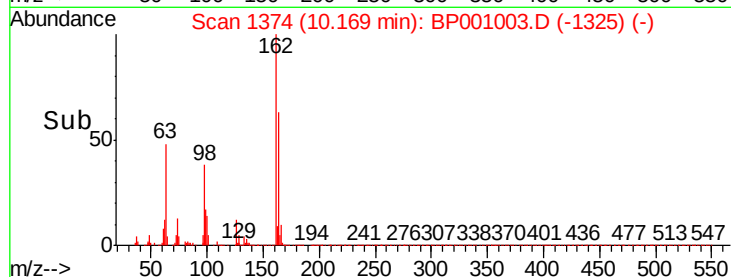
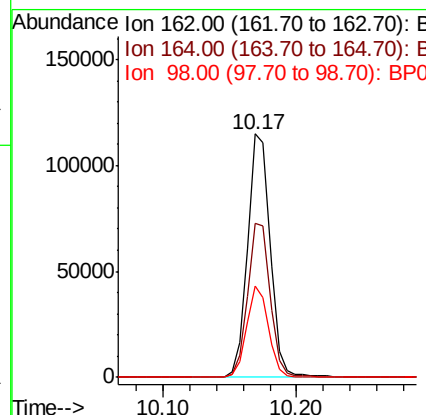
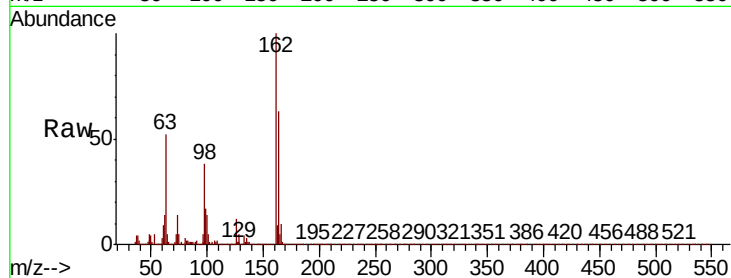
#29
2,4-Dichlorophenol
Concen: 10.146 ng
RT: 10.17 min Scan# 1374
Delta R.T. -0.01 min
Lab File: BP001003.D
Acq: 07 Nov 2019 16:37

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2019

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.3	44.5	84.5
98	37.7	15.2	55.2

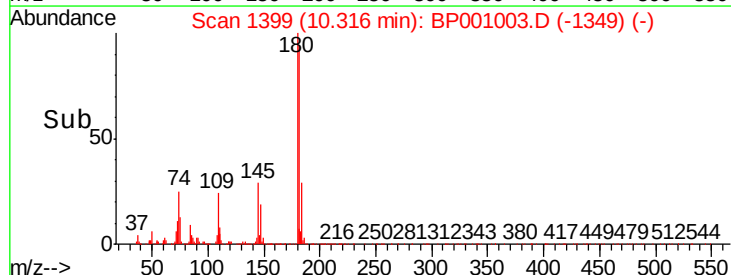
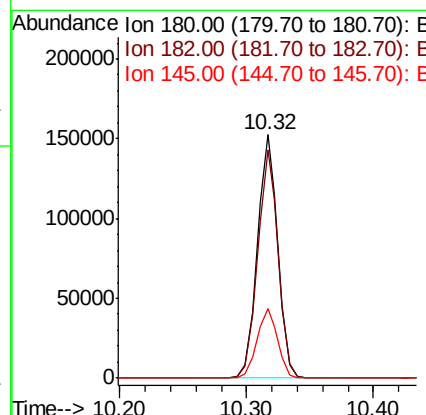
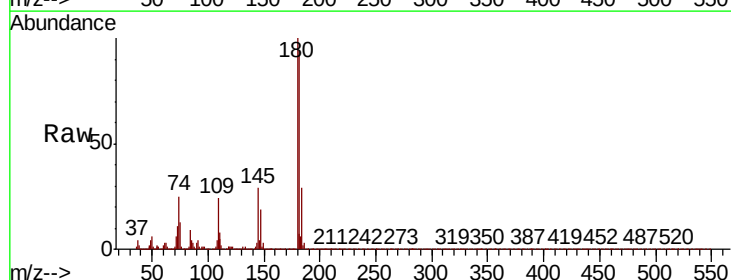
Manual Integrations
APPROVED

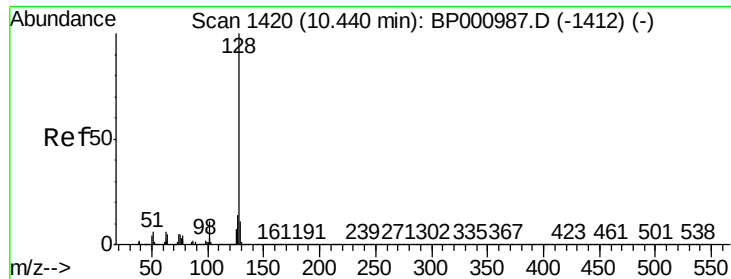
Sohil
11/8/2019 3:33:51 PM



#30
1,2,4-Trichlorobenzene
Concen: 10.554 ng
RT: 10.32 min Scan# 1399
Delta R.T. -0.01 min
Lab File: BP001003.D
Acq: 07 Nov 2019 16:37

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.0	77.8	116.6
145	28.8	24.2	36.4





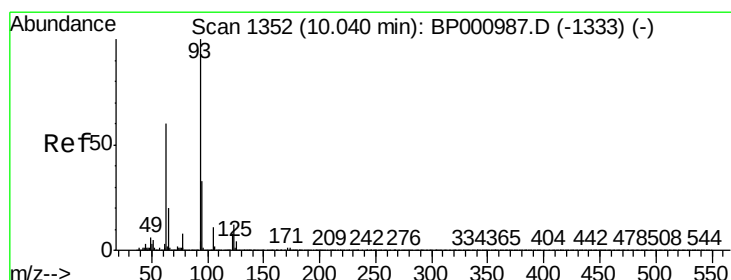
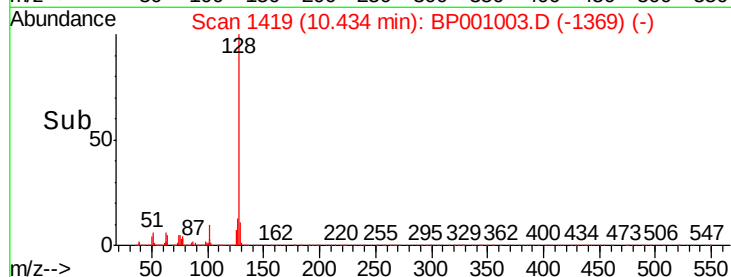
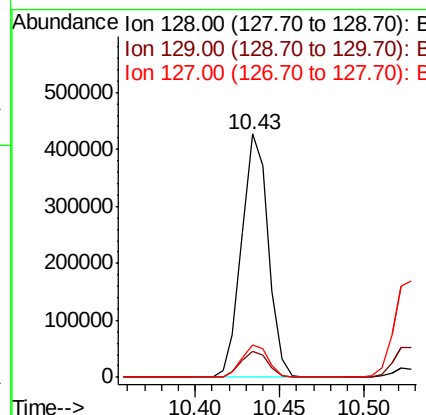
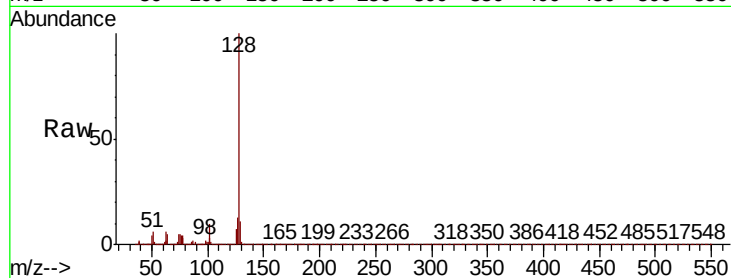
#31
Naphthalene
Concen: 10.920 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.01 min
Lab File: BP001003.D
Acq: 07 Nov 2019 16:37

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2019

Tot Ion:	128	Resp:	468550
Ion Ratio		Lower	Upper
128	100		
129	10.8	8.7	13.1
127	13.3	10.8	16.2

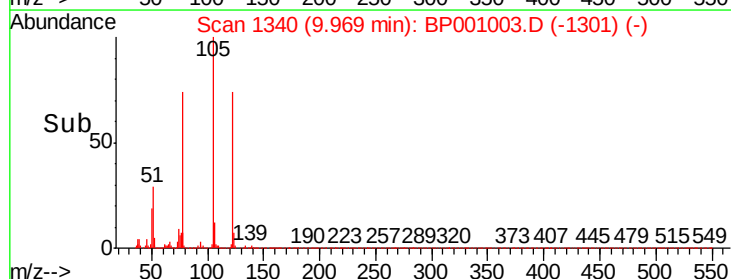
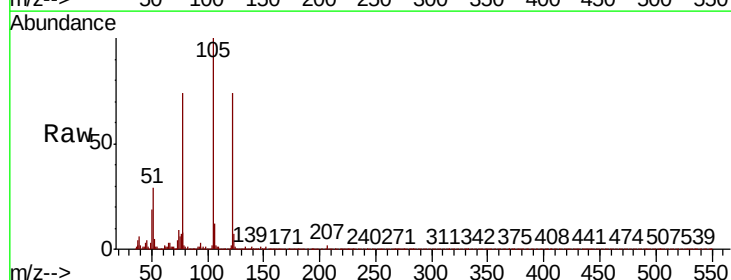
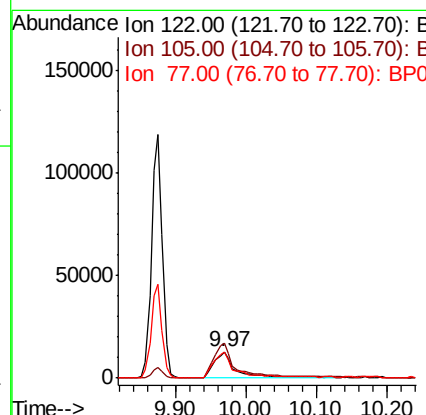
Manual Integrations
APPROVED

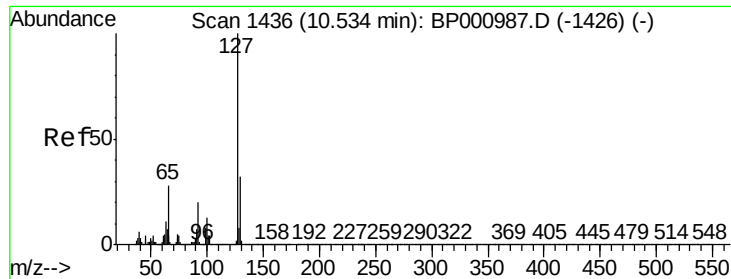
Sohil
11/8/2019 3:33:51 PM



#32
Benzoic acid
Concen: 5.025 ng m
RT: 9.97 min Scan# 1340
Delta R.T. -0.07 min
Lab File: BP001003.D
Acq: 07 Nov 2019 16:37

Tgt Ion:	122	Resp:	29653
Ion Ratio		Lower	Upper
122	100		
105	135.2	110.5	150.5
77	100.6	77.9	117.9





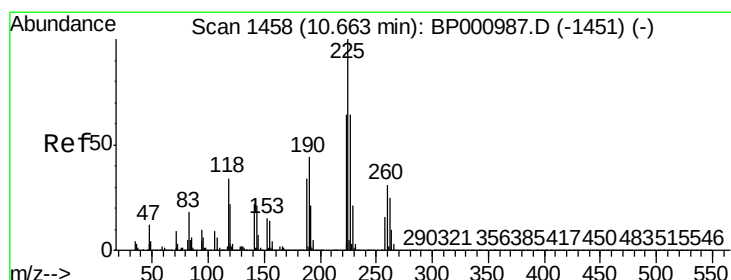
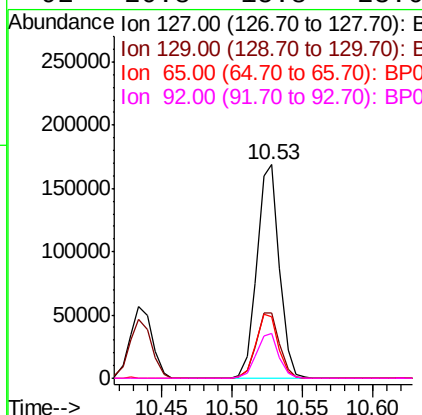
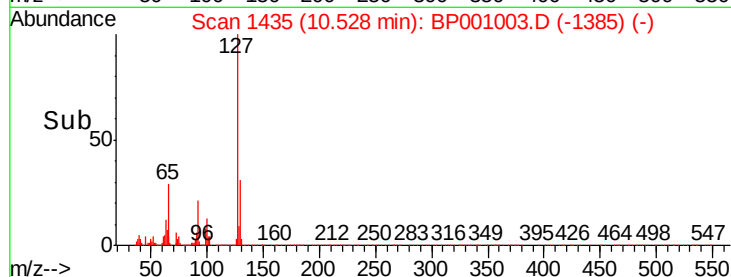
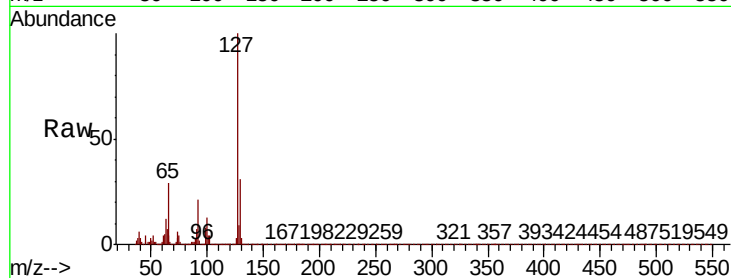
#33
4-Chloroaniline
Concen: 10.309 ng
RT: 10.53 min Scan# 1435
Delta R.T. -0.01 min
Lab File: BP001003.D
Acq: 07 Nov 2019 16:37

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2019

Tot Ion	Ratio	Resp Lower	Upper
127	100		
129	30.8	25.8	38.6
65	28.6	22.7	34.1
92	20.8	15.8	23.6

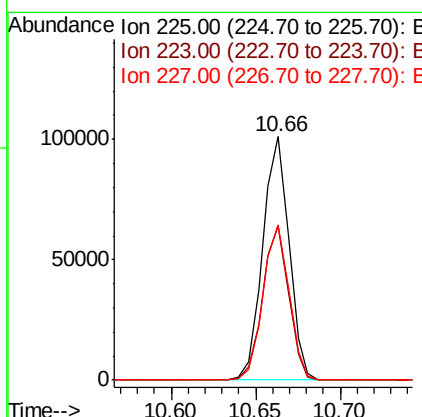
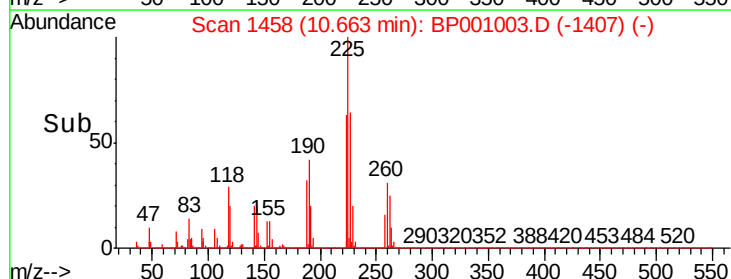
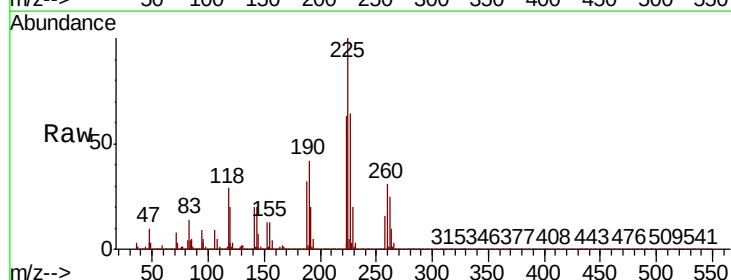
Manual Integrations
APPROVED

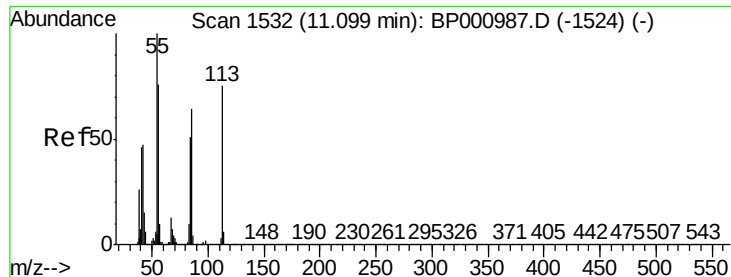
Sohil
11/8/2019 3:33:51 PM



#34
Hexachlorobutadiene
Concen: 10.190 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.00 min
Lab File: BP001003.D
Acq: 07 Nov 2019 16:37

Tgt Ion	Ratio	Resp Lower	Upper
225	100		
223	63.0	51.1	76.7
227	63.6	51.4	77.2





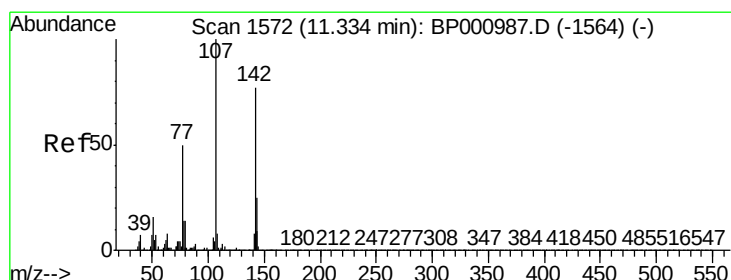
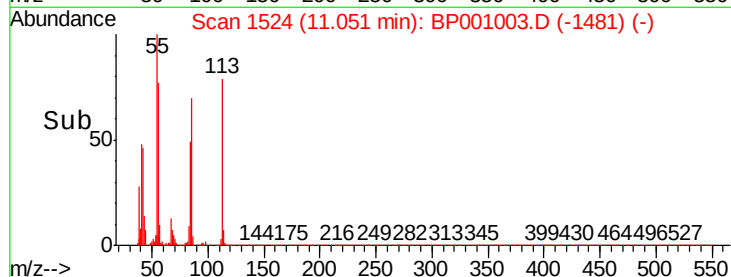
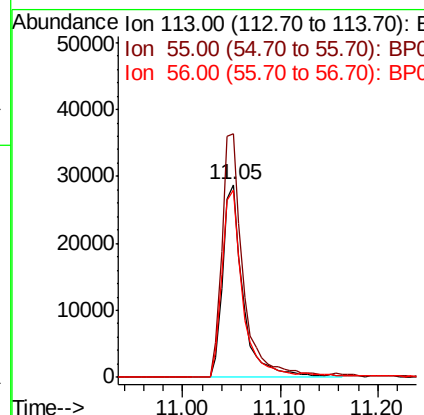
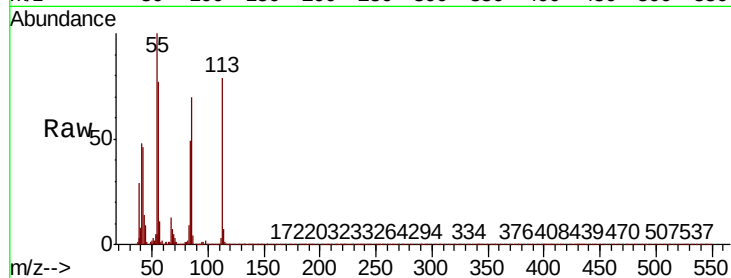
#35
 Caprolactam
 Concen: 10.060 ng
 RT: 11.05 min Scan# 1524
 Delta R.T. -0.05 min
 Lab File: BP001003.D
 Acq: 07 Nov 2019 16:37

Instrument :
 BNA_P
 ClientSampleId :
 LOQ-SOIL-02-QT4-2019

Tot Ion	Ion	Ratio	Lower	Upper
113	100			
55	126.5	114.2	154.2	
56	97.6	81.9	121.9	

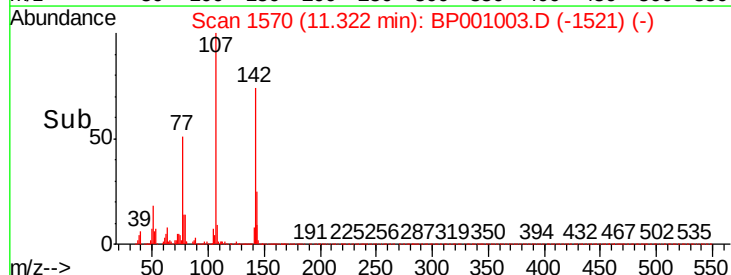
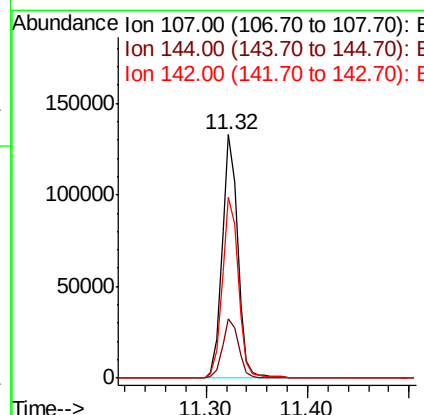
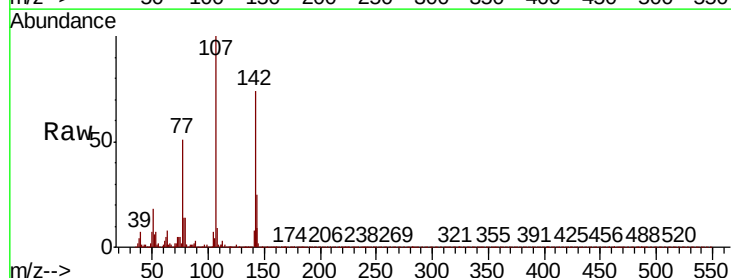
Manual Integrations
 APPROVED

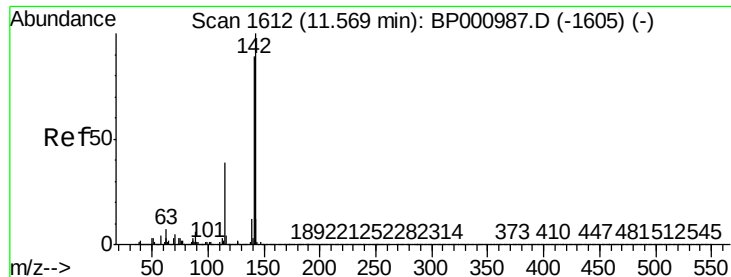
Sohil
 11/8/2019 3:33:51 PM



#36
 4-Chloro-3-methylphenol
 Concen: 10.462 ng
 RT: 11.32 min Scan# 1570
 Delta R.T. -0.01 min
 Lab File: BP001003.D
 Acq: 07 Nov 2019 16:37

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
144	24.6	20.0	30.0	
142	74.1	61.9	92.9	





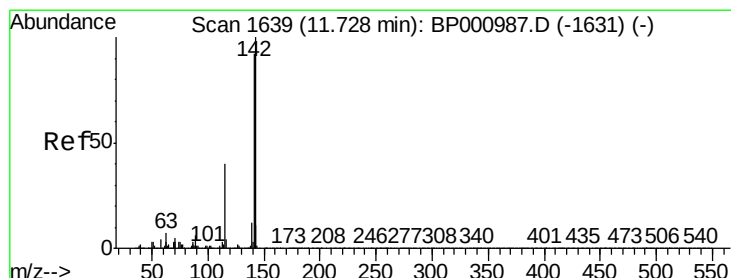
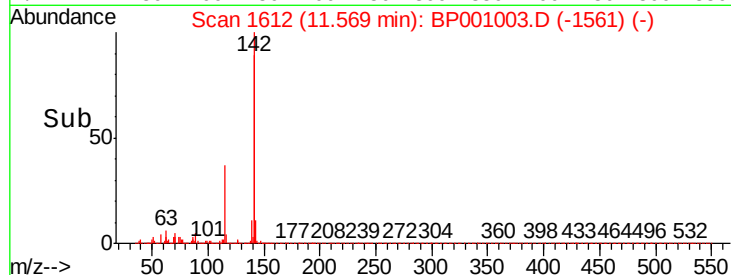
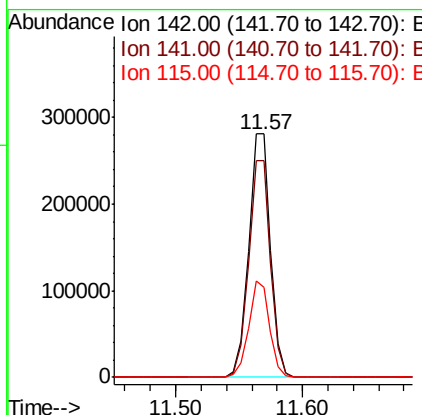
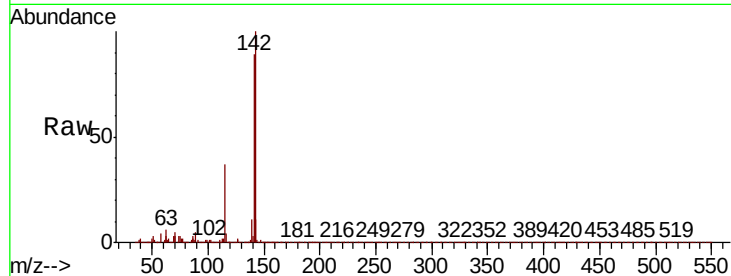
#37
2-Methylnaphthalene
Concen: 11.130 ng
RT: 11.57 min Scan# 1612
Delta R.T. -0.00 min
Lab File: BP001003.D
Acq: 07 Nov 2019 16:37

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2019

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.3	71.5	107.3
115	36.8	30.8	46.2

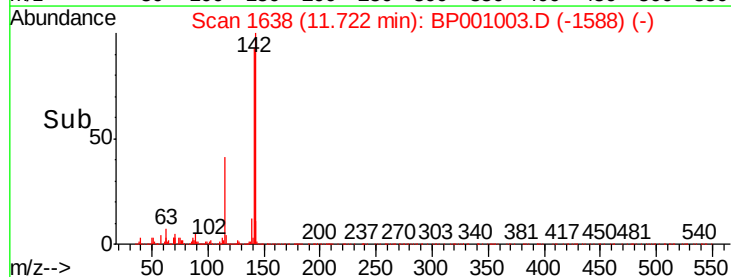
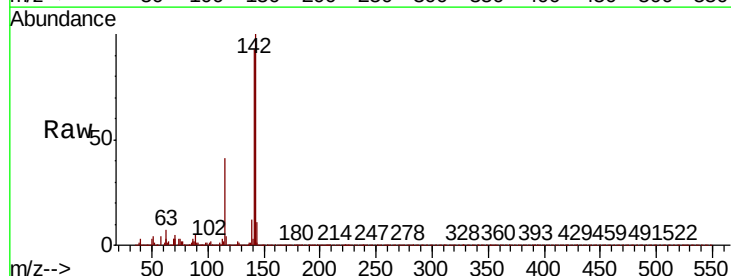
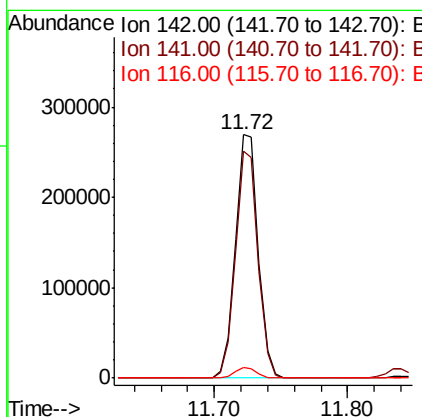
Manual Integrations
APPROVED

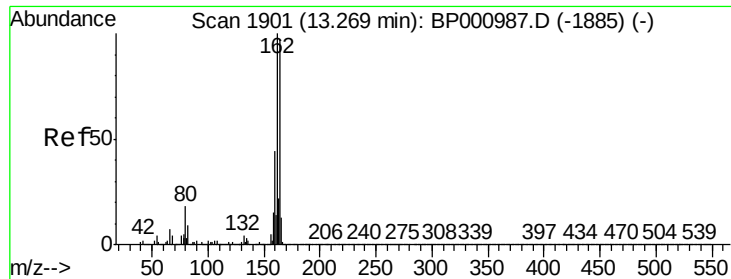
Sohil
11/8/2019 3:33:51 PM



#38
1-Methylnaphthalene
Concen: 11.256 ng
RT: 11.72 min Scan# 1638
Delta R.T. -0.01 min
Lab File: BP001003.D
Acq: 07 Nov 2019 16:37

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.2	73.9	110.9
116	4.4	3.4	5.0





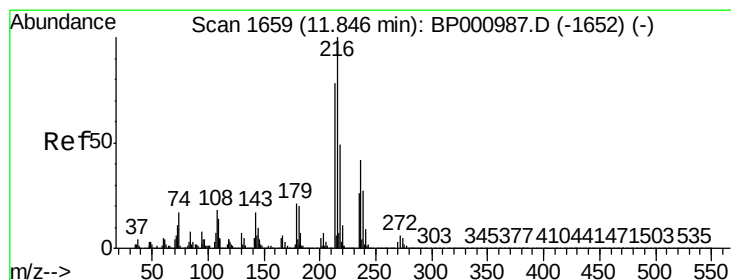
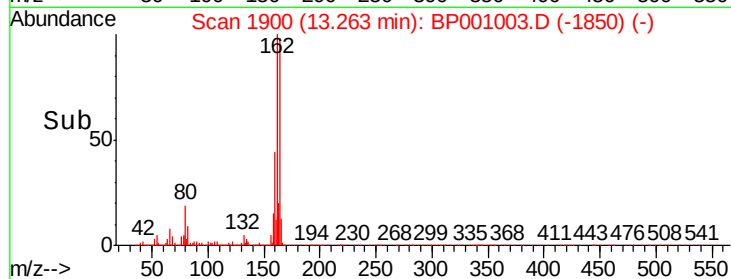
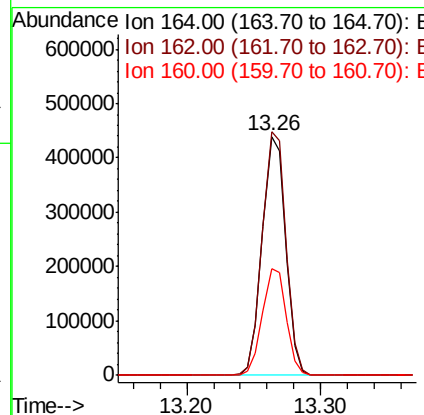
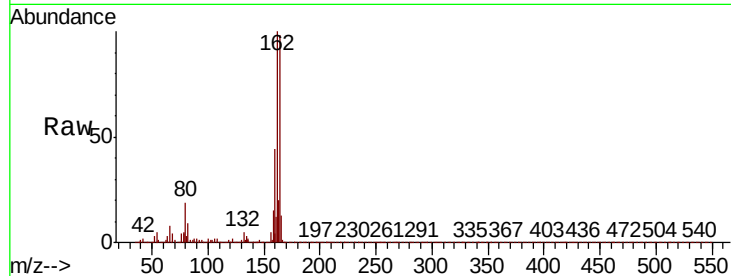
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.26 min Scan# 1900
Delta R.T. -0.01 min
Lab File: BP001003.D
Acq: 07 Nov 2019 16:37

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2019

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.8	82.6	123.8
160	44.5	36.5	54.7

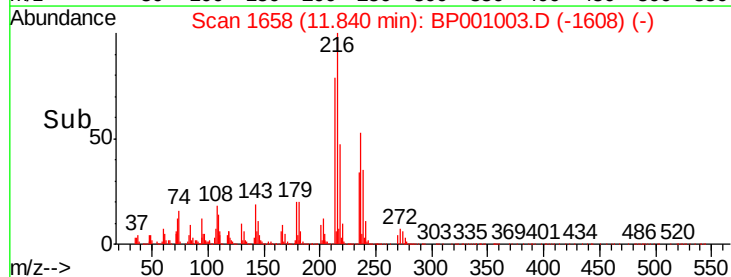
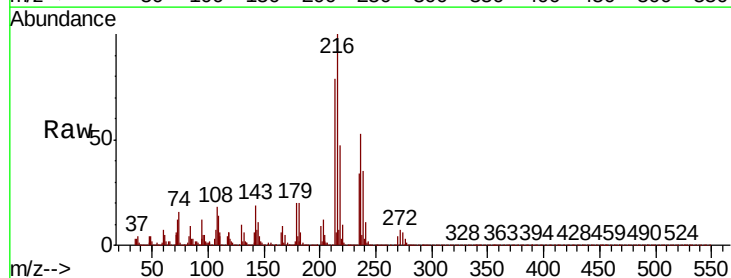
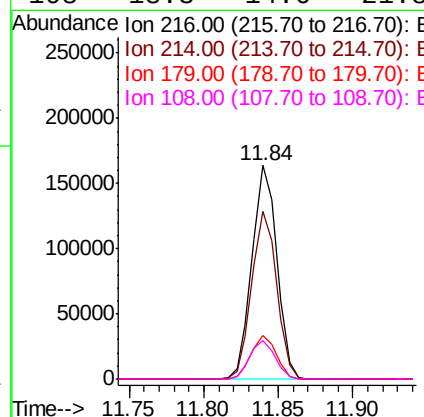
Manual Integrations
APPROVED

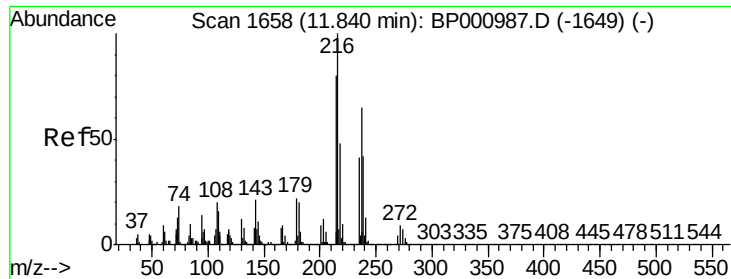
Sohil
11/8/2019 3:33:51 PM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 10.631 ng
RT: 11.84 min Scan# 1658
Delta R.T. -0.01 min
Lab File: BP001003.D
Acq: 07 Nov 2019 16:37

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.6	62.8	94.2
179	20.8	16.8	25.2
108	18.3	14.6	21.8





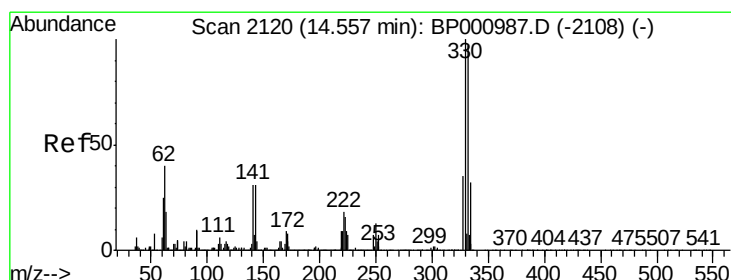
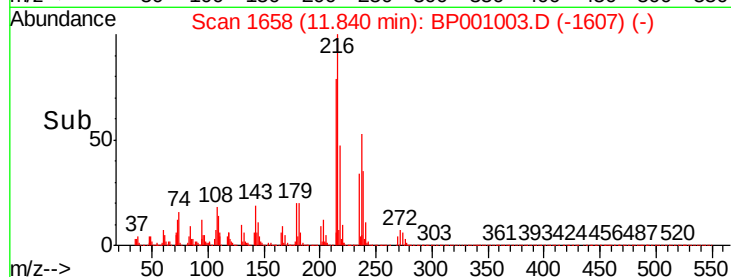
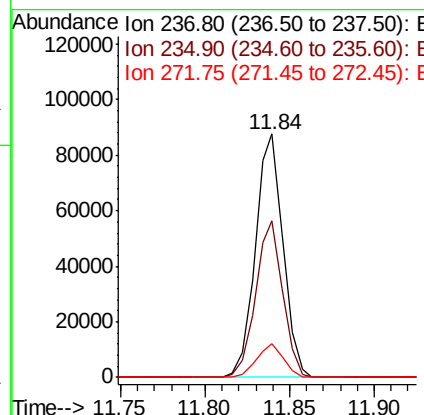
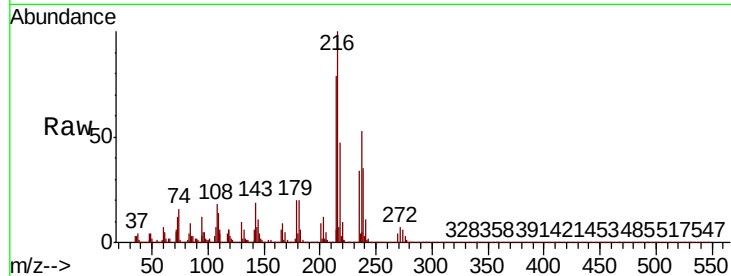
#41
Hexachlorocyclopentadiene
Concen: 11.243 ng
RT: 11.84 min Scan# 1658
Delta R.T. -0.00 min
Lab File: BP001003.D
Acq: 07 Nov 2019 16:37

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2019

Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	64.2	43.1	83.1
272	13.9	0.0	33.1

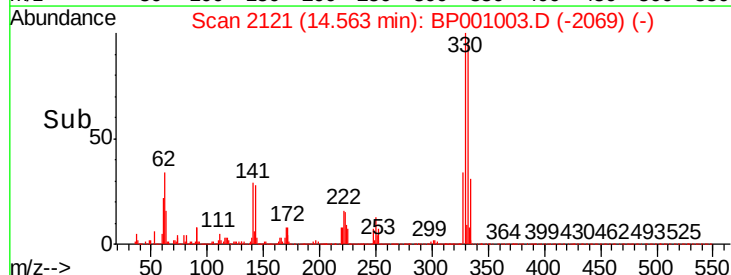
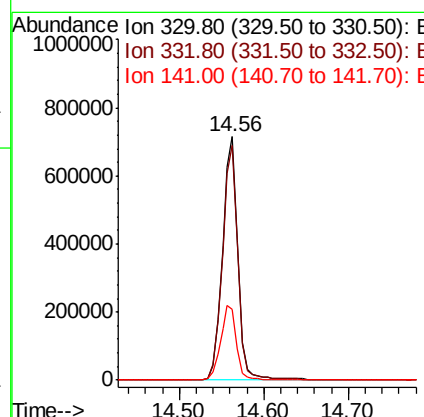
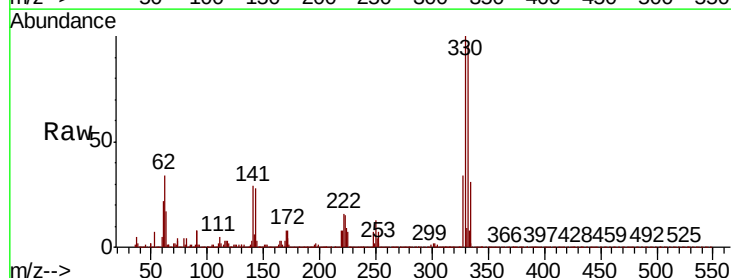
Manual Integrations
APPROVED

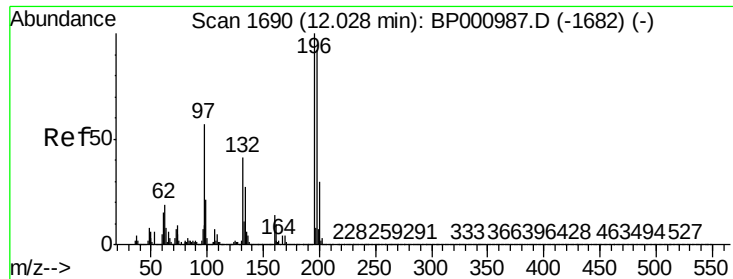
Sohil
11/8/2019 3:33:51 PM



#42
2,4,6-Tribromophenol
Concen: 145.583 ng
RT: 14.56 min Scan# 2121
Delta R.T. 0.01 min
Lab File: BP001003.D
Acq: 07 Nov 2019 16:37

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	97.8	78.3	117.5
141	31.6	25.0	37.4





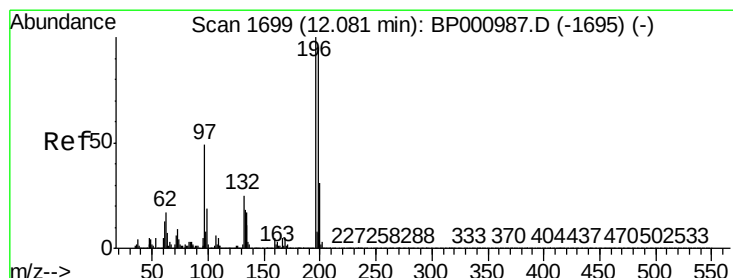
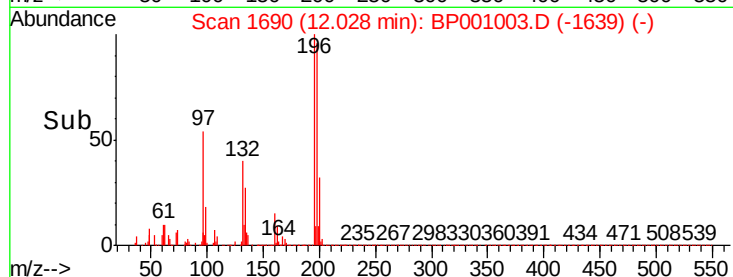
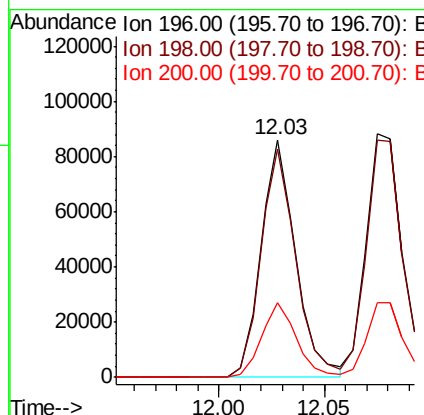
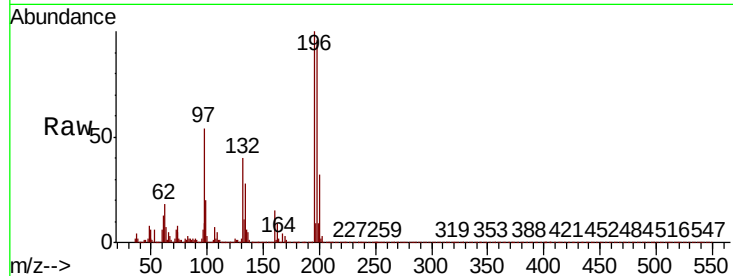
#43
2,4,6-Trichlorophenol
Concen: 9.200 ng
RT: 12.03 min Scan# 1690
Delta R.T. -0.00 min
Lab File: BP001003.D
Acq: 07 Nov 2019 16:37

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2019

Tot Ion	Ratio	Lower	Upper
196	100		
198	96.2	74.0	111.0
200	31.5	24.2	36.4

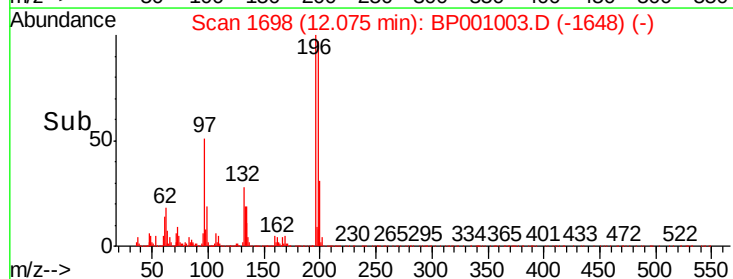
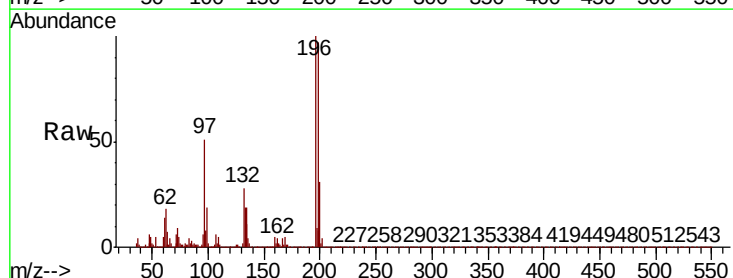
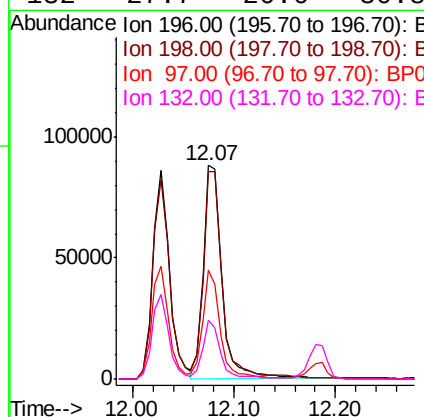
Manual Integrations
APPROVED

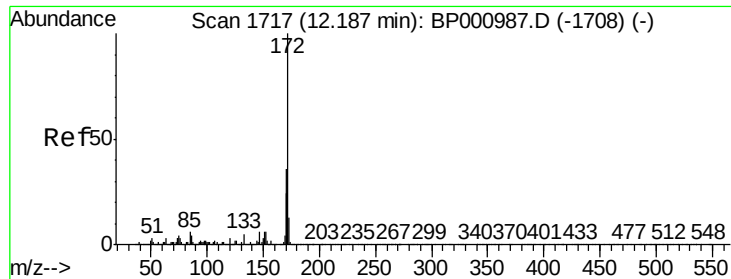
Sohil
11/8/2019 3:33:51 PM



#44
2,4,5-Trichlorophenol
Concen: 9.899 ng
RT: 12.07 min Scan# 1698
Delta R.T. -0.01 min
Lab File: BP001003.D
Acq: 07 Nov 2019 16:37

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.3	76.3	114.5
97	51.1	39.1	58.7
132	27.7	20.6	30.8





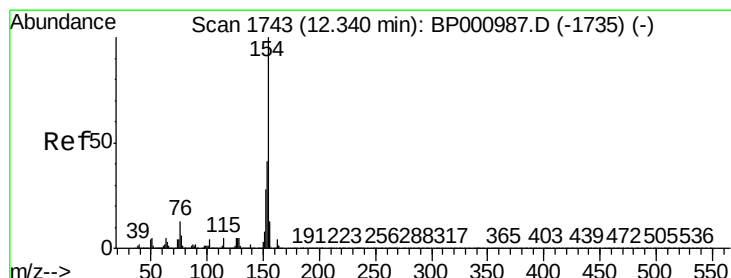
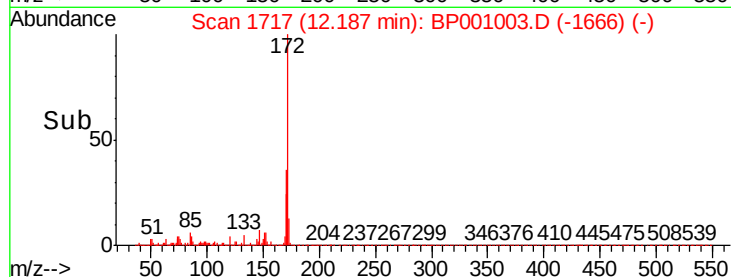
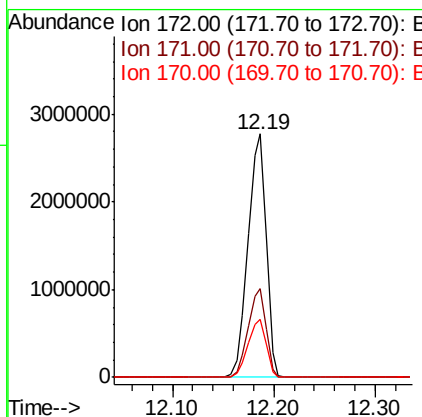
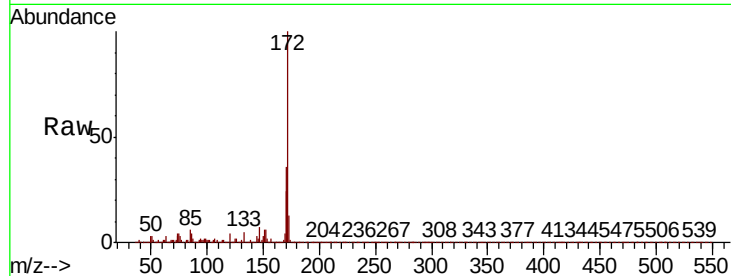
#45
2-Fluorobiphenyl
Concen: 97.480 ng
RT: 12.19 min Scan# 1717
Delta R.T. -0.00 min
Lab File: BP001003.D
Acq: 07 Nov 2019 16:37

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2019

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.5	28.5	42.7
170	24.1	18.9	28.3

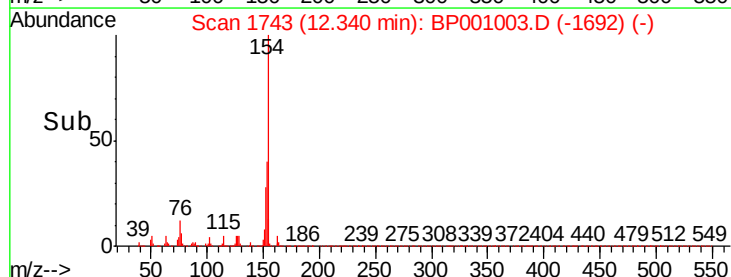
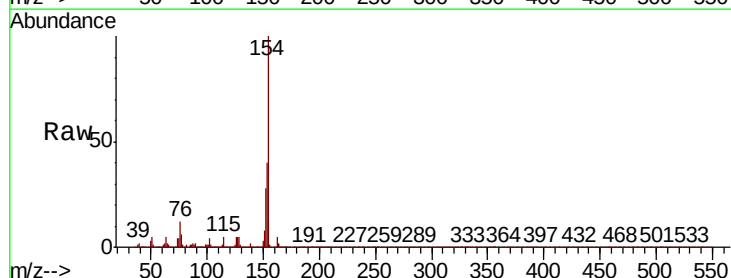
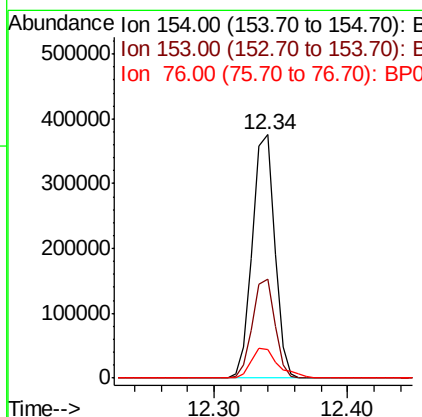
Manual Integrations
APPROVED

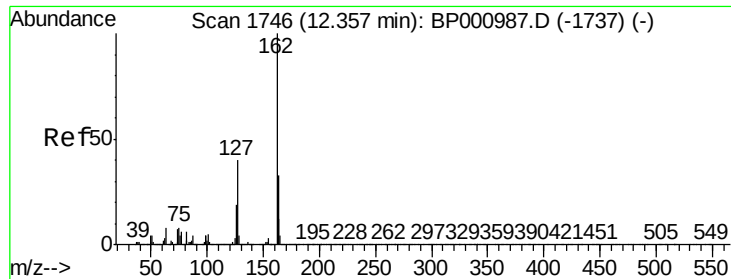
Sohil
11/8/2019 3:33:51 PM



#46
1,1'-Biphenyl
Concen: 10.840 ng
RT: 12.34 min Scan# 1743
Delta R.T. -0.00 min
Lab File: BP001003.D
Acq: 07 Nov 2019 16:37

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.5	20.9	60.9
76	11.7	0.0	32.5





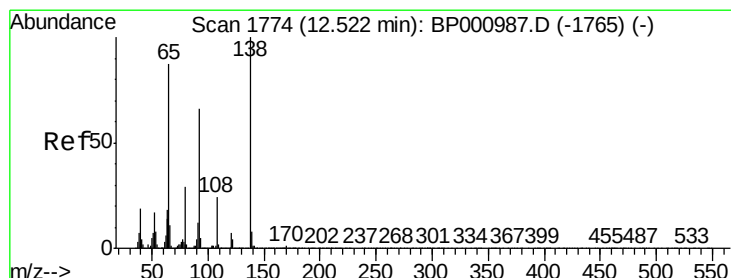
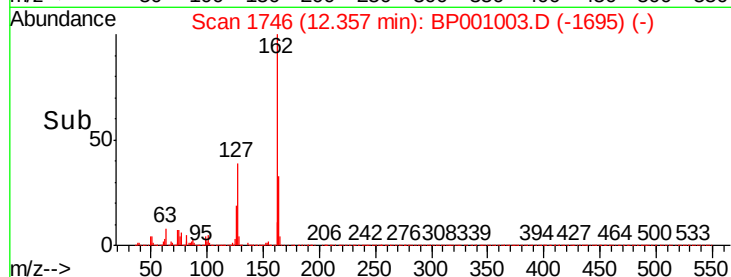
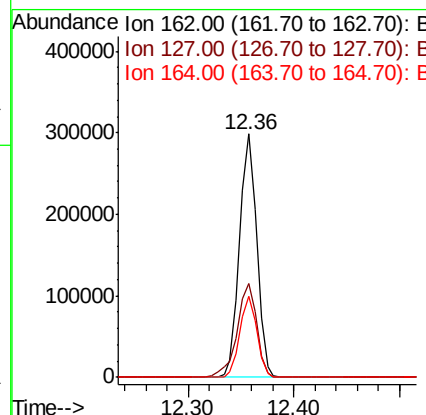
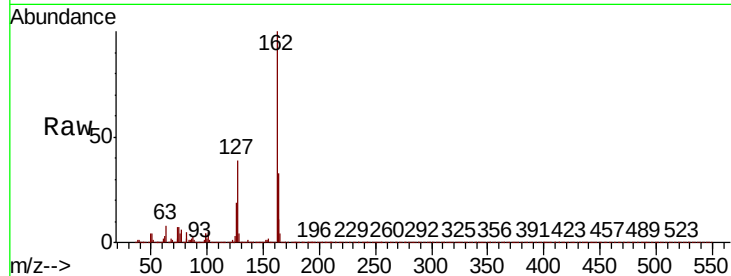
#47
2-Chloronaphthalene
Concen: 10.381 ng
RT: 12.36 min Scan# 1746
Delta R.T. -0.00 min
Lab File: BP001003.D
Acq: 07 Nov 2019 16:37

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2019

Tot Ion	Ratio	Resp Lower	Upper
162	100		
127	38.6	32.1	48.1
164	33.3	26.1	39.1

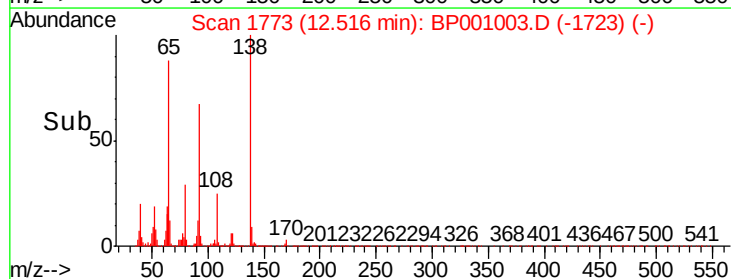
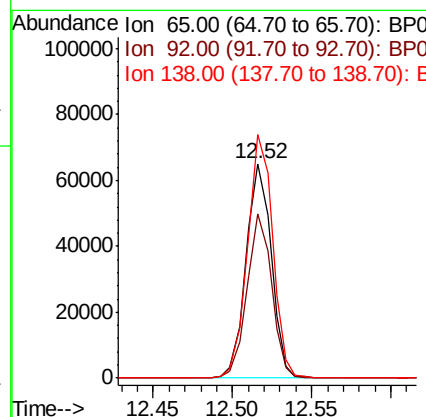
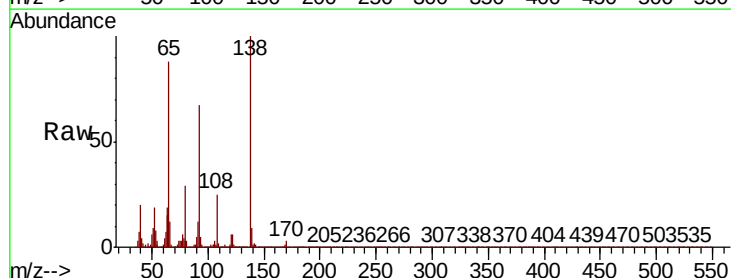
Manual Integrations
APPROVED

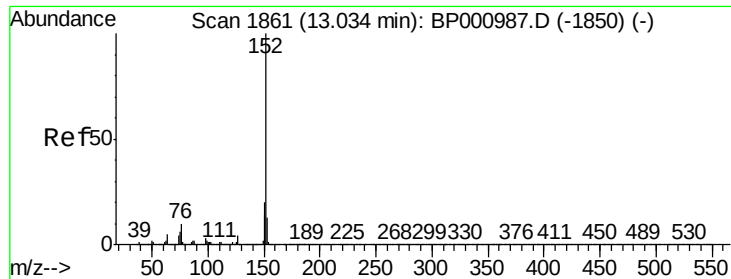
Sohil
11/8/2019 3:33:51 PM



#48
2-Nitroaniline
Concen: 8.632 ng
RT: 12.52 min Scan# 1773
Delta R.T. -0.01 min
Lab File: BP001003.D
Acq: 07 Nov 2019 16:37

Tgt Ion	Ratio	Resp Lower	Upper
65	100		
92	76.3	61.4	92.2
138	113.3	92.5	138.7





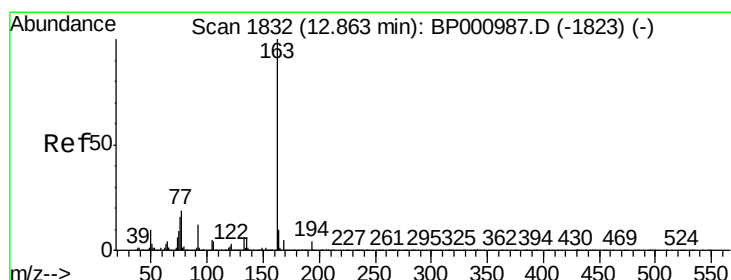
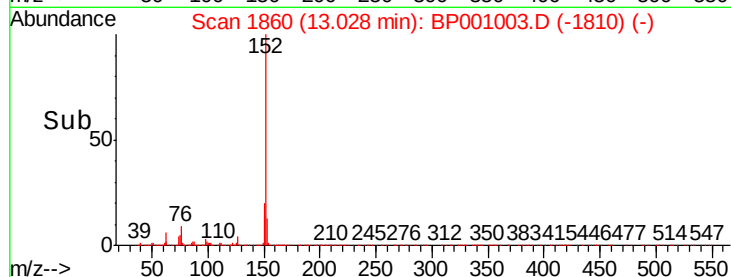
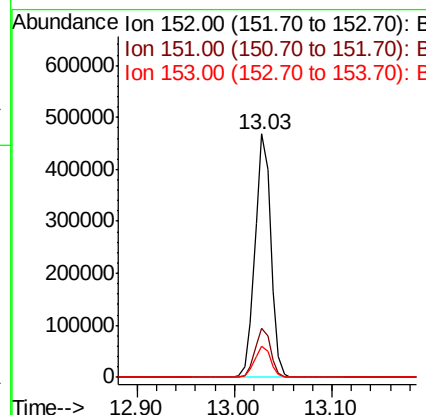
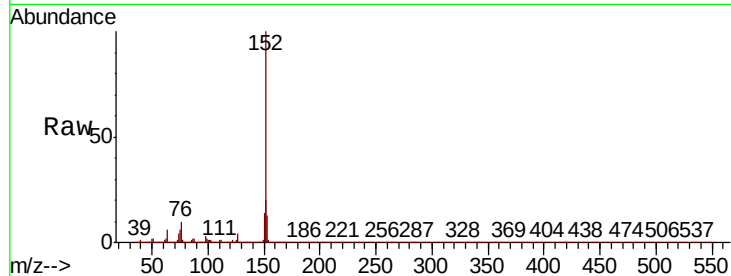
#49
Acenaphthylene
Concen: 10.944 ng
RT: 13.03 min Scan# 1860
Delta R.T. -0.01 min
Lab File: BP001003.D
Acq: 07 Nov 2019 16:37

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2019

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.0	24.0
153	12.7	10.6	16.0

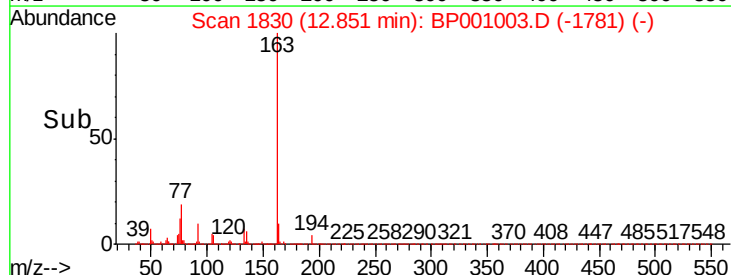
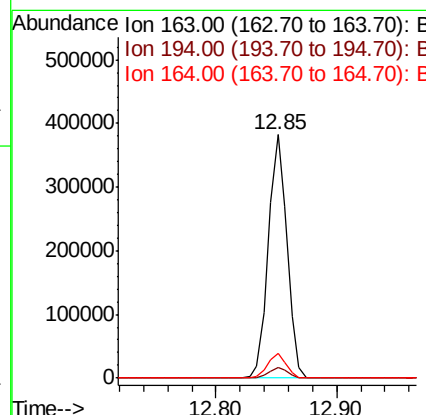
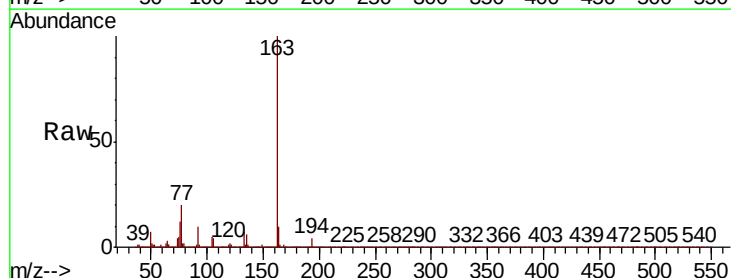
Manual Integrations
APPROVED

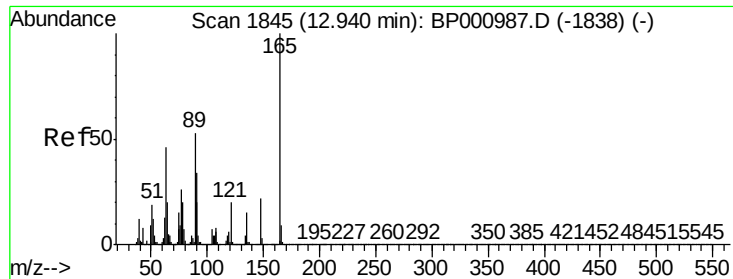
Sohil
11/8/2019 3:33:51 PM



#50
Dimethylphthalate
Concen: 10.524 ng
RT: 12.85 min Scan# 1830
Delta R.T. -0.01 min
Lab File: BP001003.D
Acq: 07 Nov 2019 16:37

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.4	5.2
164	10.1	7.9	11.9





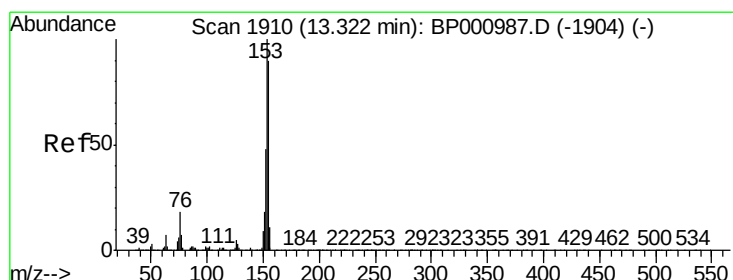
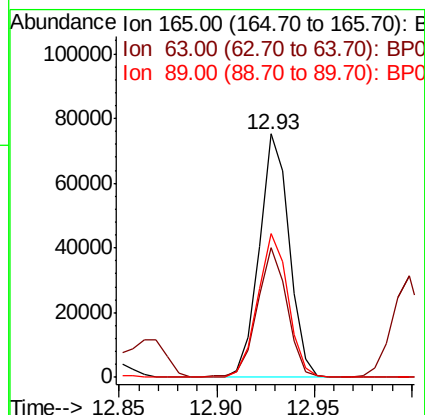
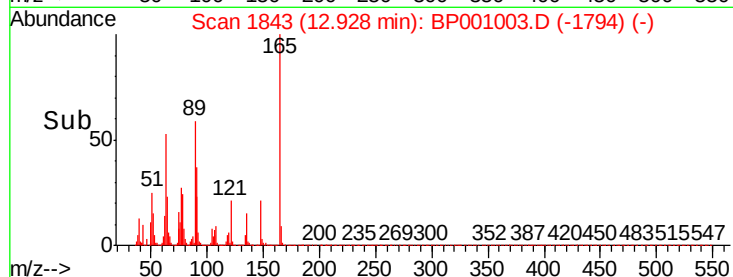
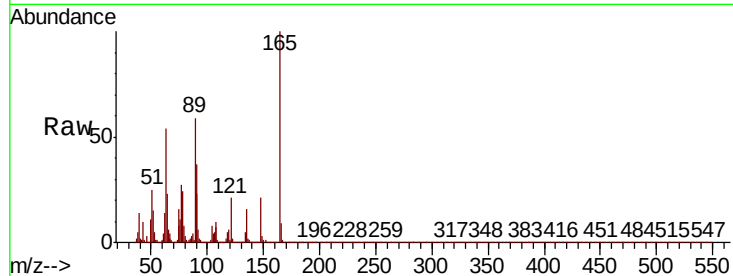
#51
2,6-Dinitrotoluene
Concen: 9.777 ng
RT: 12.93 min Scan# 1843
Delta R.T. -0.01 min
Lab File: BP001003.D
Acq: 07 Nov 2019 16:37

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2019

Tot Ion	Ratio	Lower	Upper
165	100		
63	53.5	36.7	55.1
89	59.0	42.3	63.5

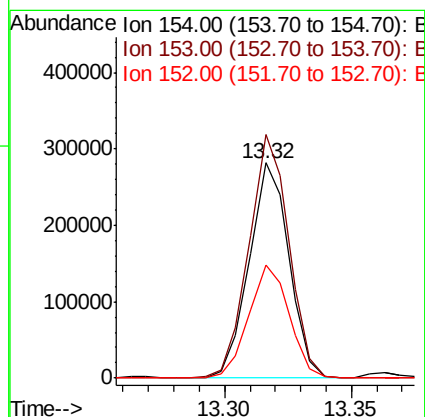
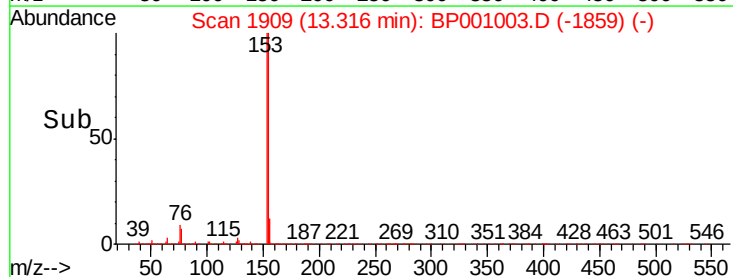
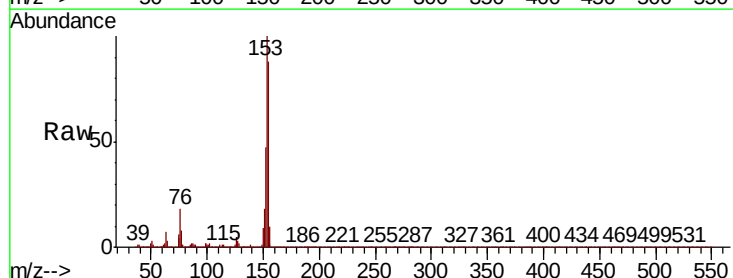
Manual Integrations
APPROVED

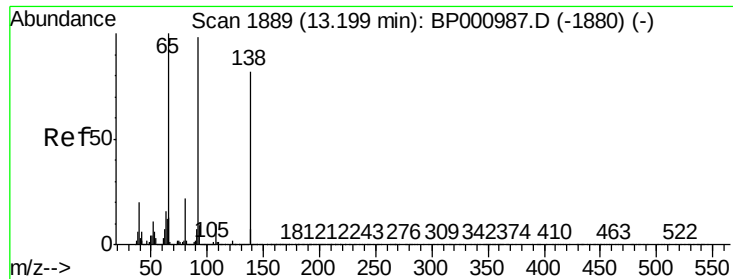
Sohil
11/8/2019 3:33:51 PM



#52
Acenaphthene
Concen: 10.643 ng
RT: 13.32 min Scan# 1909
Delta R.T. -0.01 min
Lab File: BP001003.D
Acq: 07 Nov 2019 16:37

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.3	88.9	133.3
152	52.8	42.4	63.6





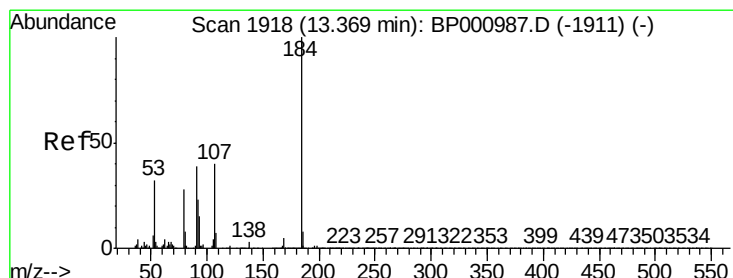
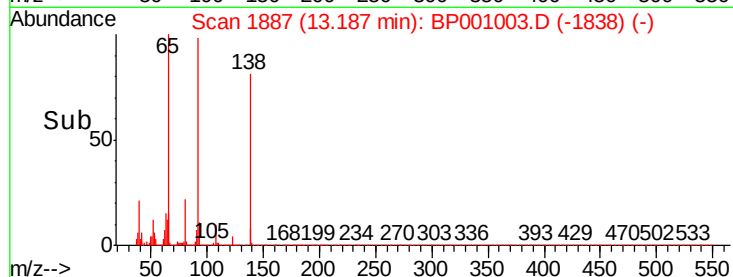
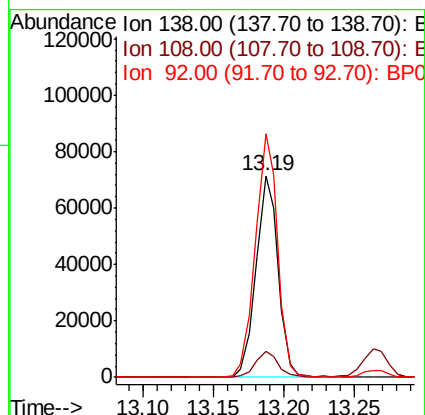
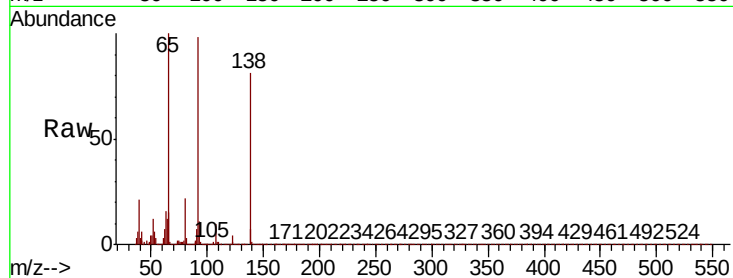
#53
 3-Nitroaniline
 Concen: 8.843 ng
 RT: 13.19 min Scan# 1887
 Delta R.T. -0.01 min
 Lab File: BP001003.D
 Acq: 07 Nov 2019 16:37

Instrument :
 BNA_P
 ClientSampleId :
 LOQ-SOIL-02-QT4-2019

Tot Ion	Ratio	Lower	Upper
138	100		
108	12.6	10.1	15.1
92	120.8	95.4	143.0

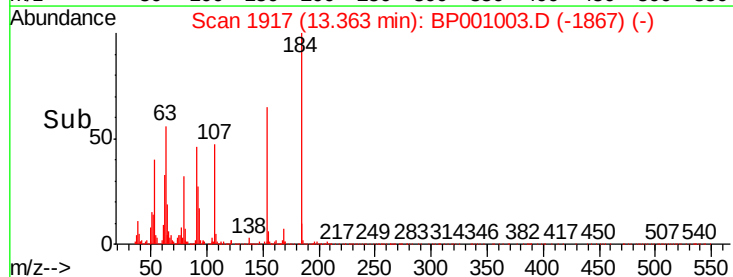
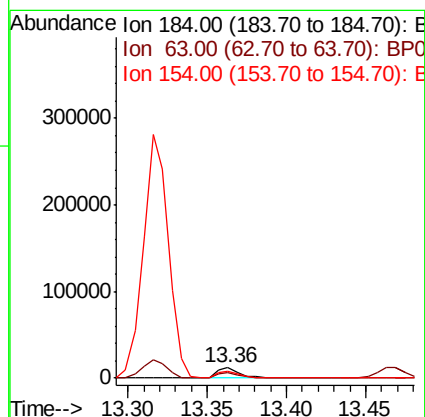
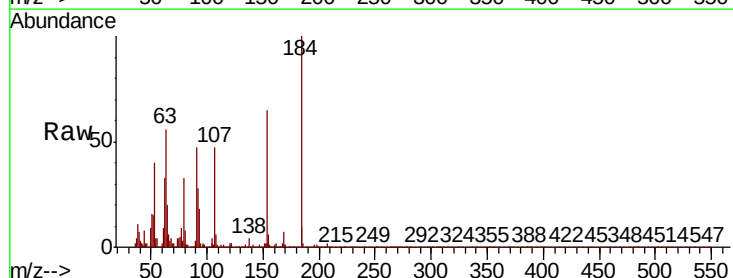
Manual Integrations
 APPROVED

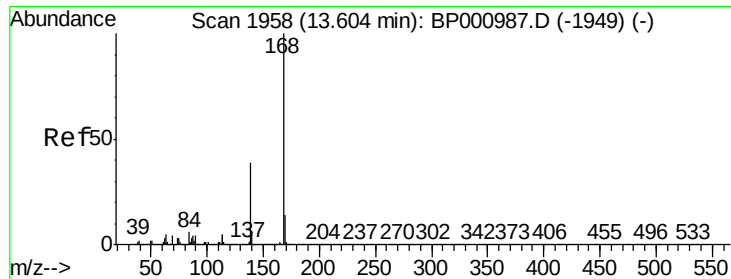
Sohil
 11/8/2019 3:33:51 PM



#54
 2,4-Dinitrophenol
 Concen: 6.226 ng
 RT: 13.36 min Scan# 1917
 Delta R.T. -0.01 min
 Lab File: BP001003.D
 Acq: 07 Nov 2019 16:37

Tgt Ion	Ratio	Lower	Upper
184	100		
63	56.2	41.0	61.6
154	65.5	48.1	72.1





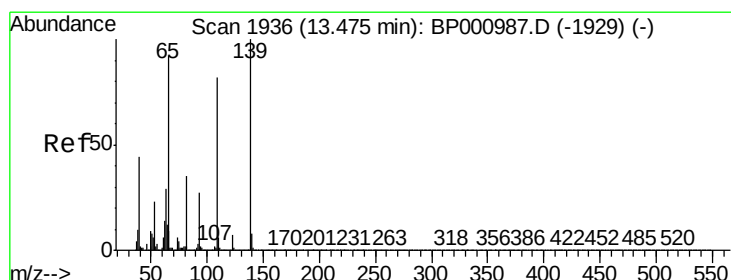
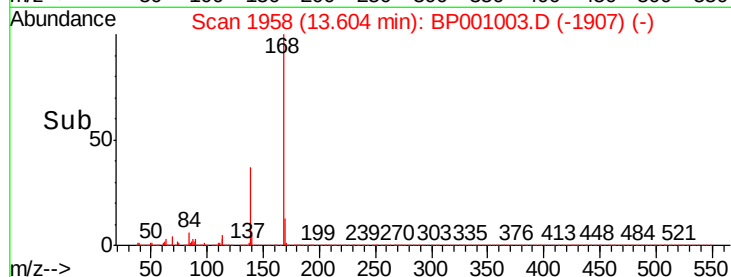
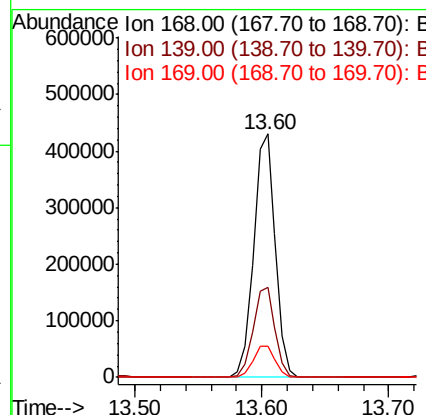
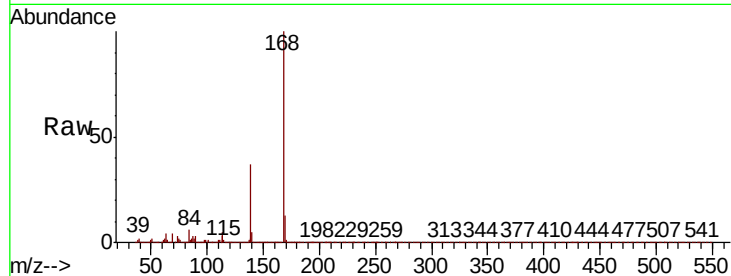
#55
Dibenzenofuran
Concen: 11.195 ng
RT: 13.60 min Scan# 1958
Delta R.T. -0.00 min
Lab File: BP001003.D
Acq: 07 Nov 2019 16:37

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2019

Tot Ion	Ratio	Resp	Lower	Upper
168	100	508047		
139	37.0		30.9	46.3
169	12.9		10.9	16.3

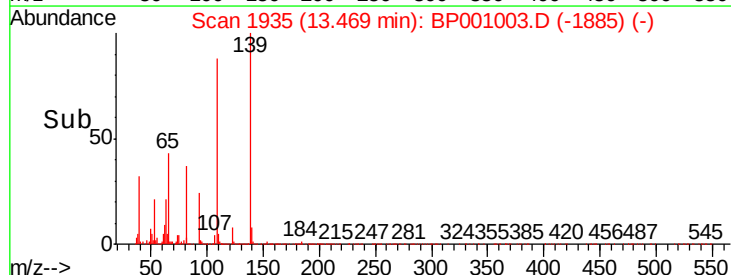
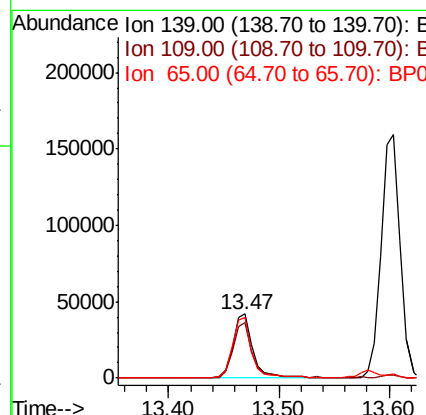
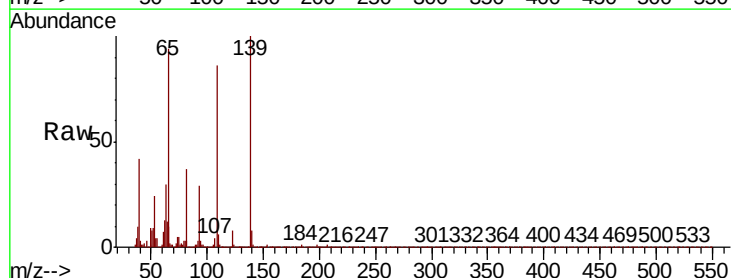
Manual Integrations
APPROVED

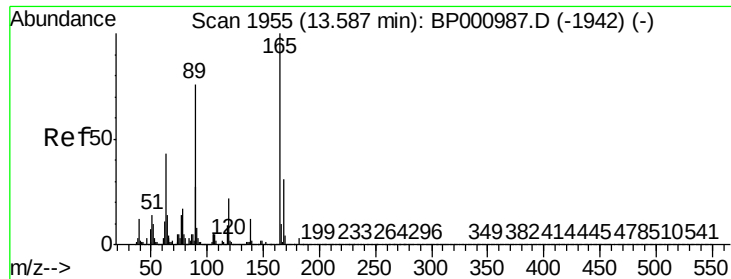
Sohil
11/8/2019 3:33:51 PM



#56
4-Nitrophenol
Concen: 8.598 ng
RT: 13.47 min Scan# 1935
Delta R.T. -0.01 min
Lab File: BP001003.D
Acq: 07 Nov 2019 16:37

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	53397		
109	86.0		61.6	101.6
65	94.4		72.0	112.0





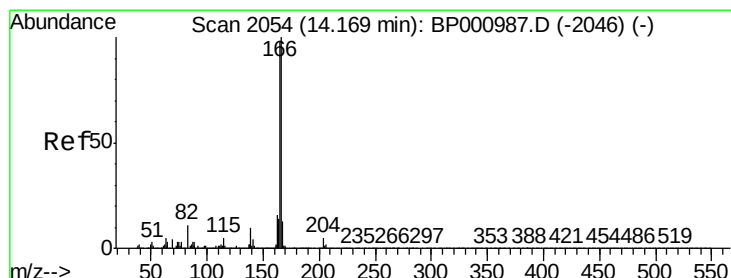
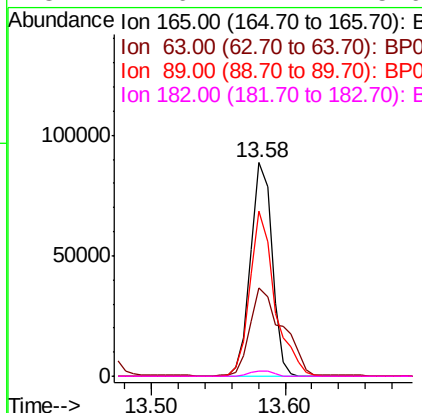
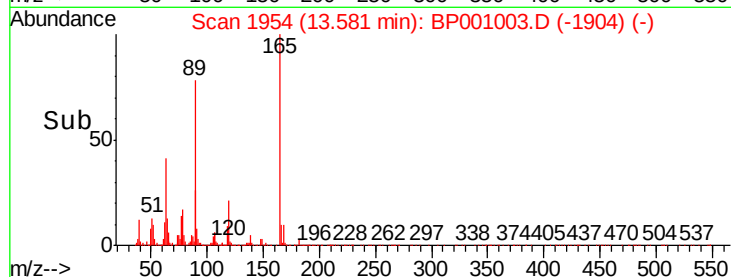
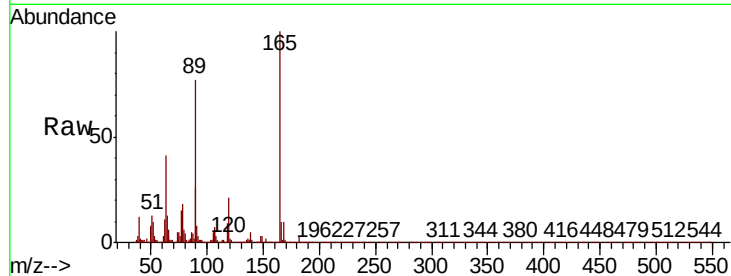
#57
2,4-Dinitrotoluene
Concen: 9.513 ng
RT: 13.58 min Scan# 1954
Delta R.T. -0.01 min
Lab File: BP001003.D
Acq: 07 Nov 2019 16:37

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2019

Tot Ion:	165	Resp:	97838
Ion Ratio	Lower	Upper	
165	100		
63	41.2	34.3	51.5
89	77.3	60.5	90.7
182	2.6	2.4	3.6

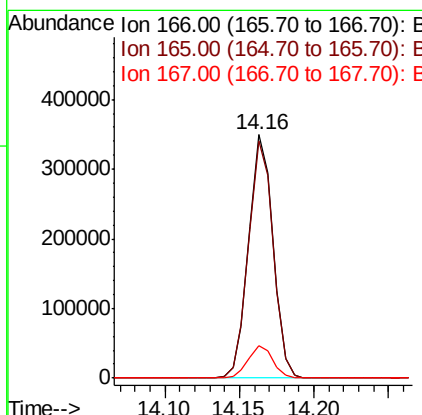
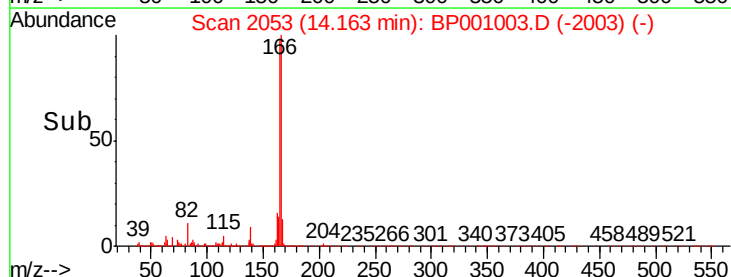
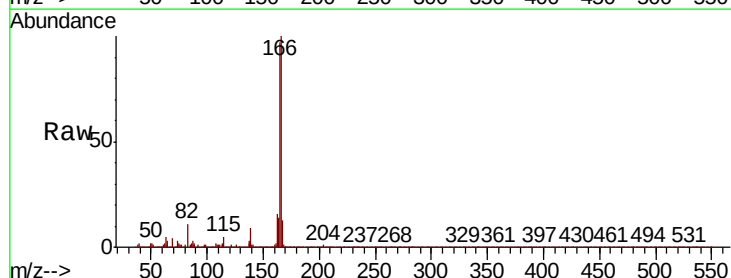
Manual Integrations
APPROVED

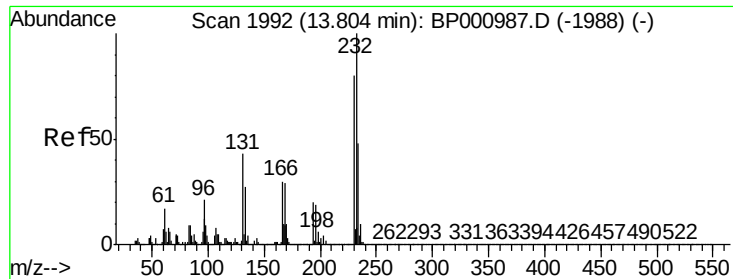
Sohil
11/8/2019 3:33:51 PM



#58
Fluorene
Concen: 10.883 ng
RT: 14.16 min Scan# 2053
Delta R.T. -0.01 min
Lab File: BP001003.D
Acq: 07 Nov 2019 16:37

Tgt Ion:	166	Resp:	393048
Ion Ratio	Lower	Upper	
166	100		
165	97.3	78.2	117.2
167	13.2	10.7	16.1





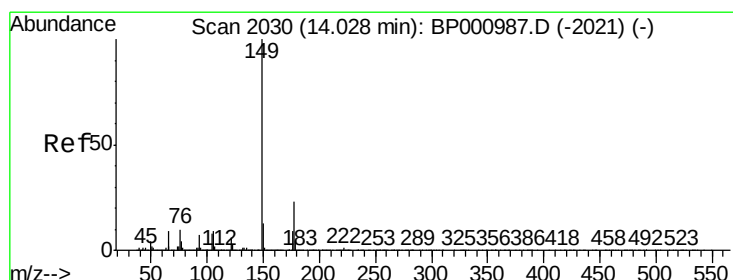
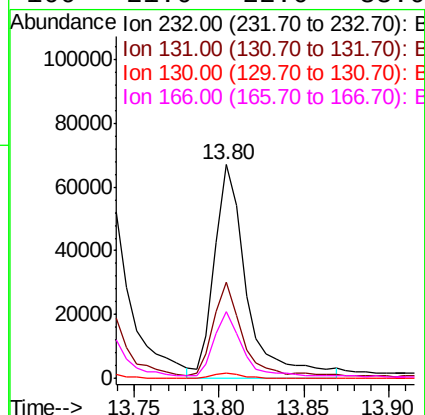
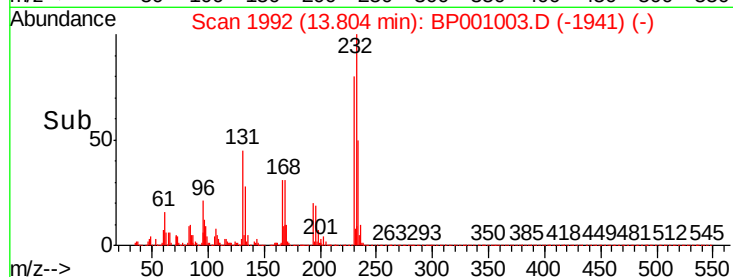
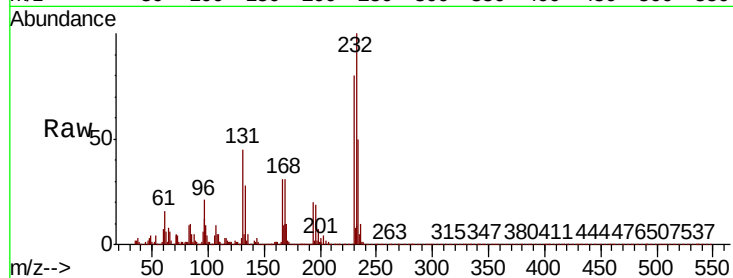
#59
2,3,4,6-Tetrachlorophenol
Concen: 9.229 ng m
RT: 13.80 min Scan# 1992
Delta R.T. -0.00 min
Lab File: BP001003.D
Acq: 07 Nov 2019 16:37

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2019

Tot Ion	Ratio	Lower	Upper
232	100		
131	34.6	32.2	48.2
130	2.1	1.7	2.5
166	21.0	22.0	33.0

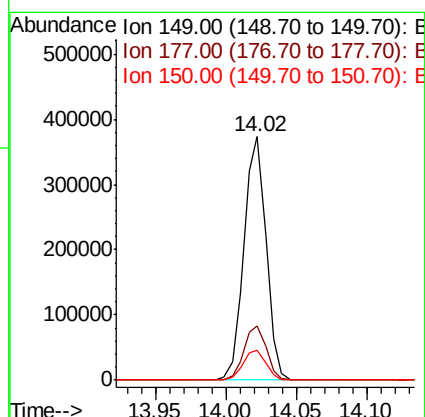
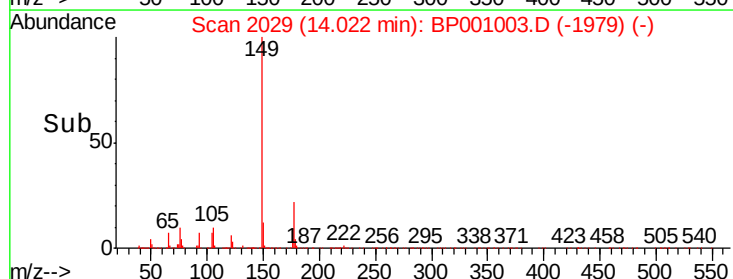
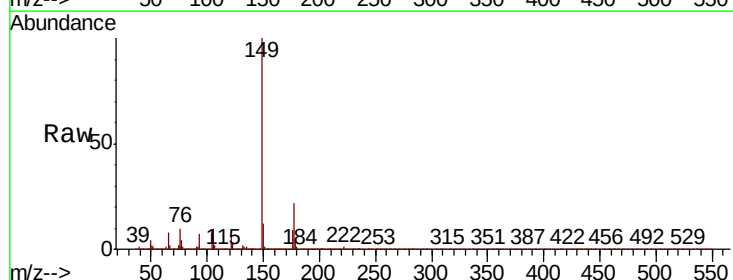
Manual Integrations
APPROVED

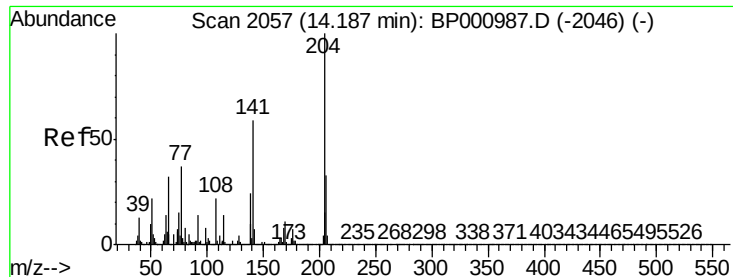
Sohil
11/8/2019 3:33:51 PM



#60
Diethylphthalate
Concen: 10.330 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BP001003.D
Acq: 07 Nov 2019 16:37

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.3	18.5	27.7
150	12.3	10.2	15.2





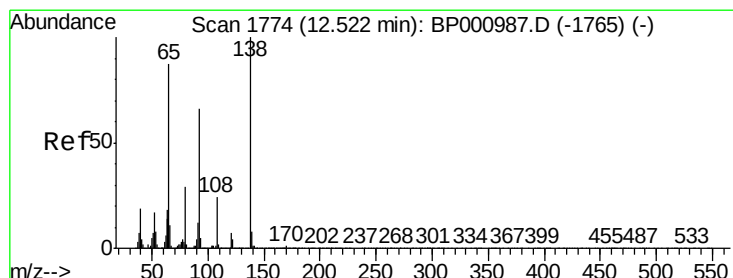
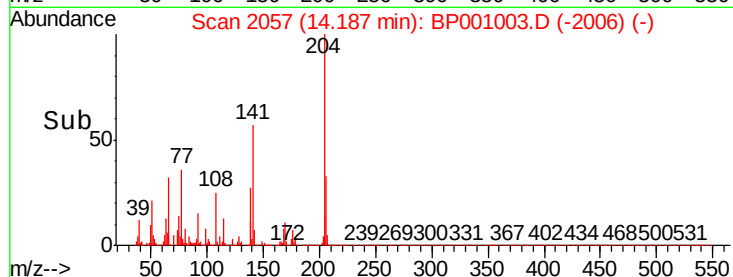
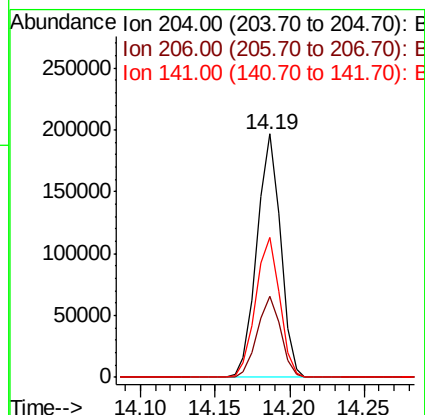
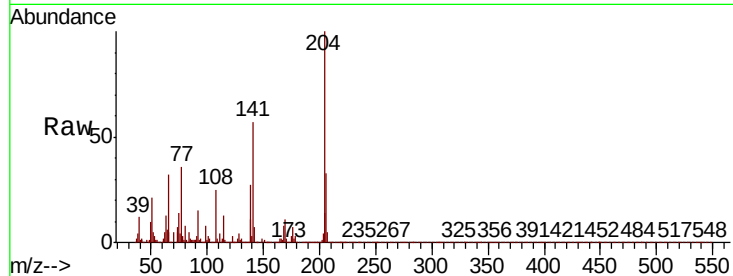
#61
4-Chlorophenyl-phenylether
Concen: 11.153 ng
RT: 14.19 min Scan# 2057
Delta R.T. -0.00 min
Lab File: BP001003.D
Acq: 07 Nov 2019 16:37

Instrument :
BNA_P
ClientSampled :
LOQ-SOIL-02-QT4-2019

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.4	26.5	39.7
141	57.5	46.9	70.3

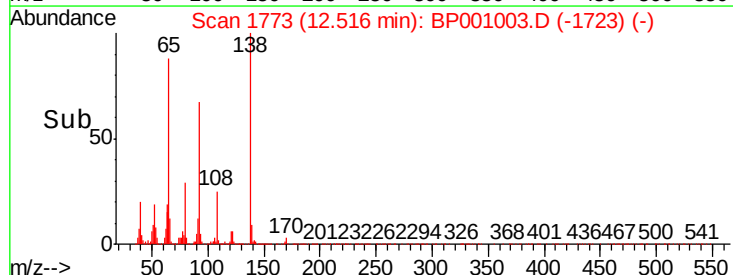
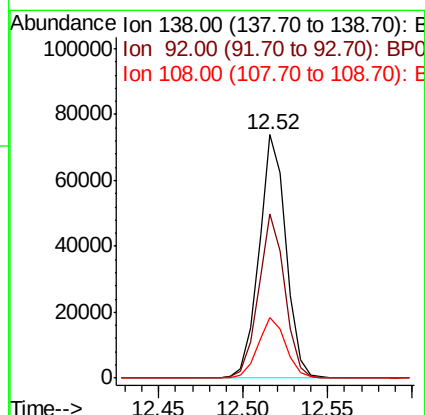
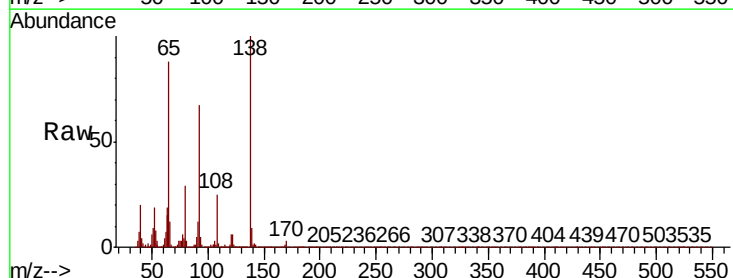
Manual Integrations
APPROVED

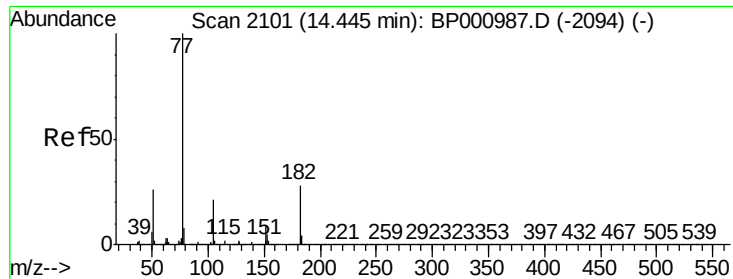
Sohil
11/8/2019 3:33:51 PM



#62
4-Nitroaniline
Concen: 8.492 ng
RT: 12.52 min Scan# 1773
Delta R.T. -0.01 min
Lab File: BP001003.D
Acq: 07 Nov 2019 16:37

Tgt Ion	Ratio	Lower	Upper
138	100		
92	67.3	46.4	86.4
108	25.1	3.9	43.9





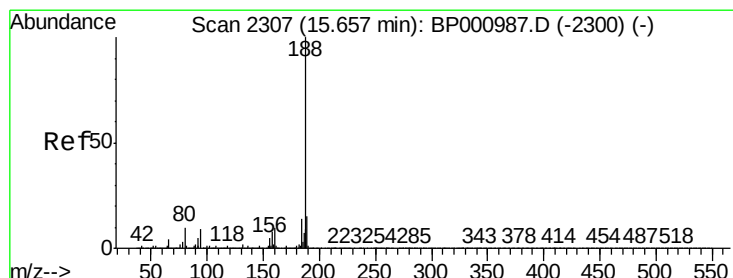
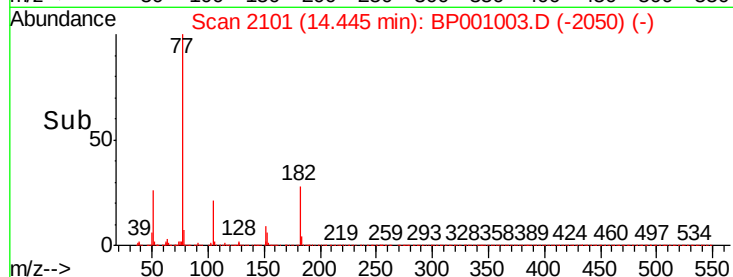
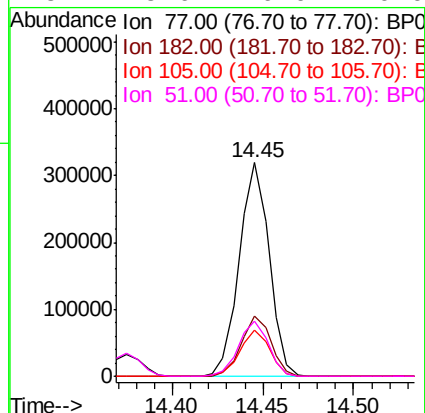
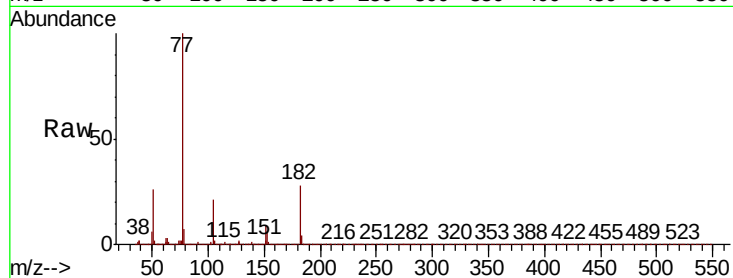
#63
Azobenzene
Concen: 10.600 ng
RT: 14.45 min Scan# 2101
Delta R.T. -0.00 min
Lab File: BP001003.D
Acq: 07 Nov 2019 16:37

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2019

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		365784		
182	28.3	8.4	48.4		
105	21.5	1.0	41.0		
51	25.6	6.0	46.0		

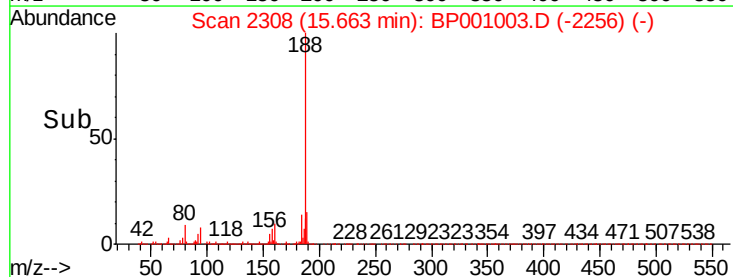
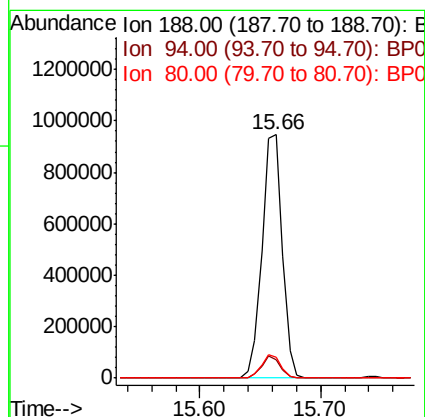
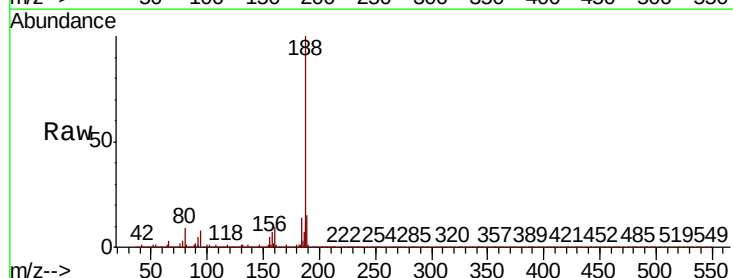
Manual Integrations
APPROVED

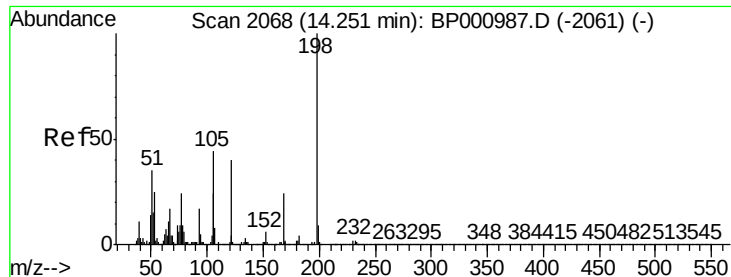
Sohil
11/8/2019 3:33:51 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 15.66 min Scan# 2308
Delta R.T. 0.01 min
Lab File: BP001003.D
Acq: 07 Nov 2019 16:37

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		1107502		
94	7.7	7.4	11.2		
80	8.6	7.9	11.9		





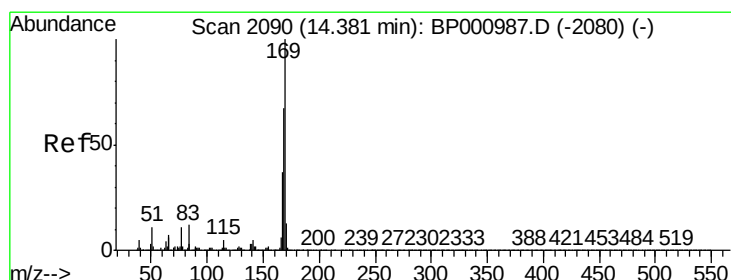
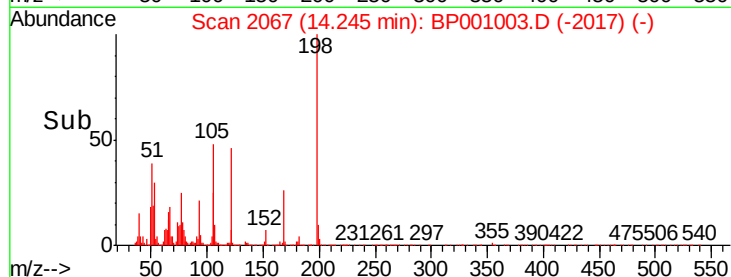
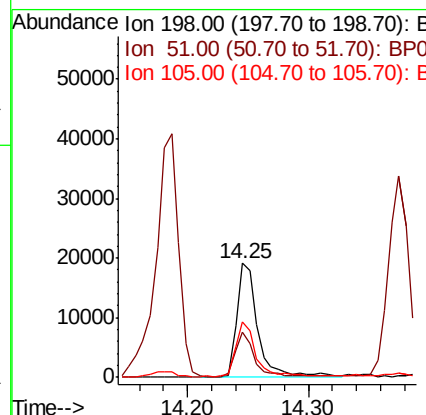
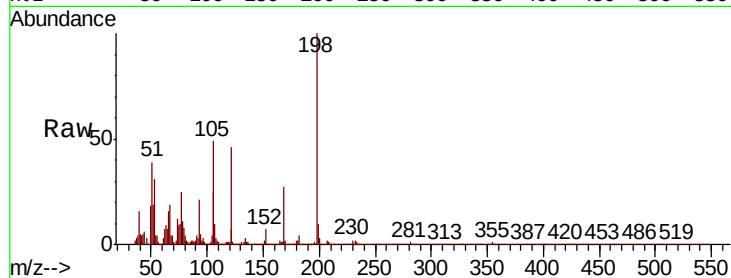
#65
4,6-Dinitro-2-methylphenol
Concen: 7.467 ng
RT: 14.25 min Scan# 2067
Delta R.T. -0.01 min
Lab File: BP001003.D
Acq: 07 Nov 2019 16:37

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2019

Tot Ion	Ratio	Lower	Upper
198	100		
51	39.2	16.0	56.0
105	48.7	24.9	64.9

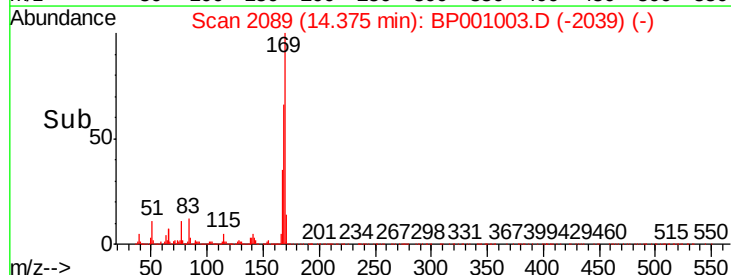
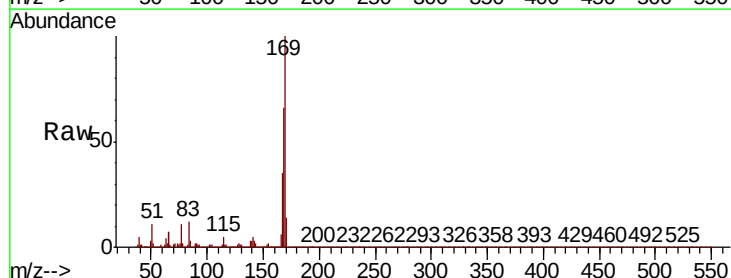
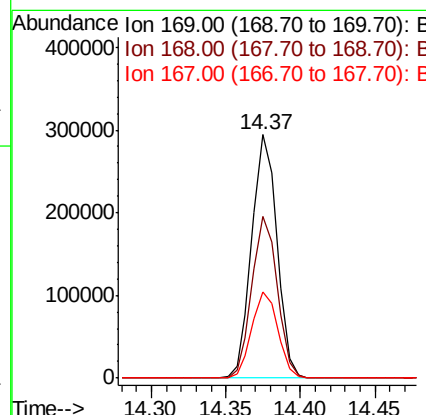
Manual Integrations
APPROVED

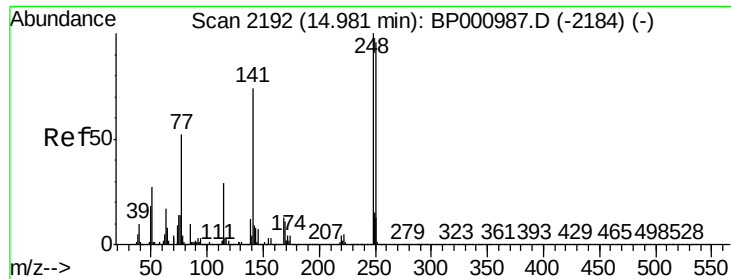
Sohil
11/8/2019 3:33:51 PM



#66
n-Nitrosodiphenylamine
Concen: 10.792 ng
RT: 14.37 min Scan# 2089
Delta R.T. -0.01 min
Lab File: BP001003.D
Acq: 07 Nov 2019 16:37

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.5	53.3	79.9
167	35.5	29.4	44.2





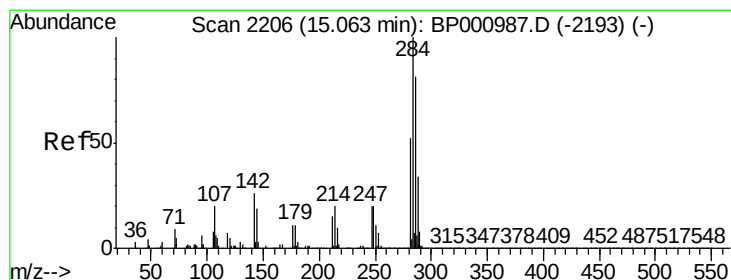
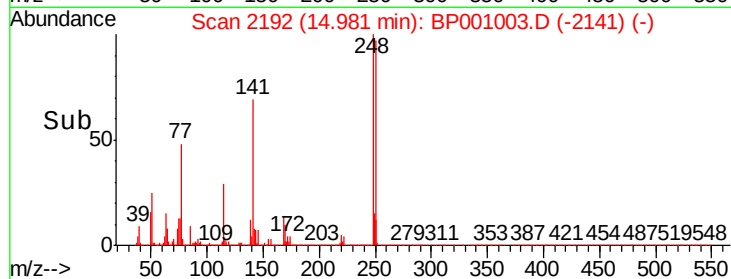
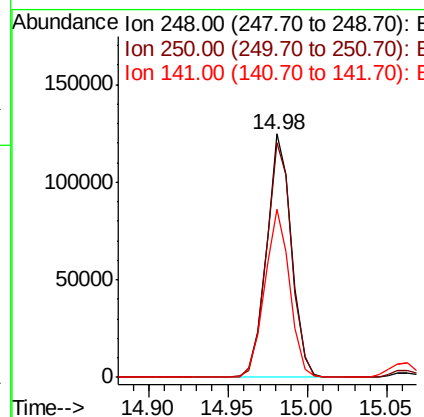
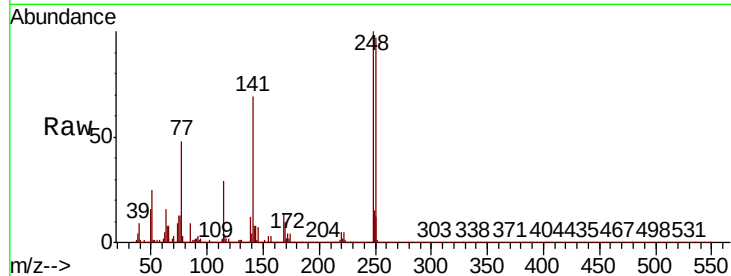
#67
4-Bromophenyl-phenylether
Concen: 10.455 ng
RT: 14.98 min Scan# 2192
Delta R.T. -0.00 min
Lab File: BP001003.D
Acq: 07 Nov 2019 16:37

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2019

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.6	77.0	115.6
141	69.1	59.4	89.0

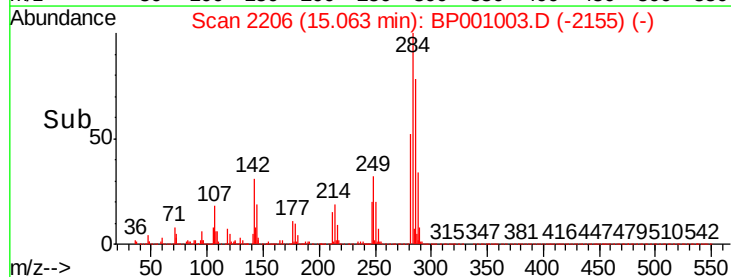
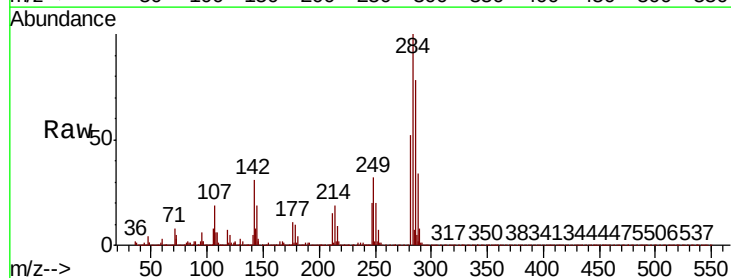
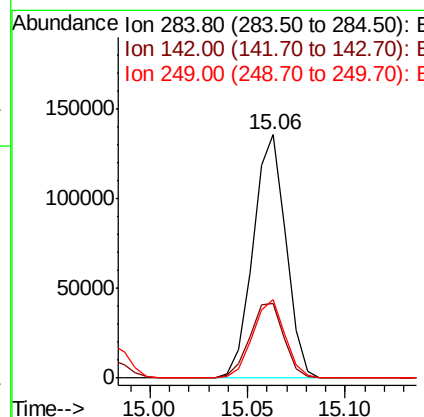
Manual Integrations
APPROVED

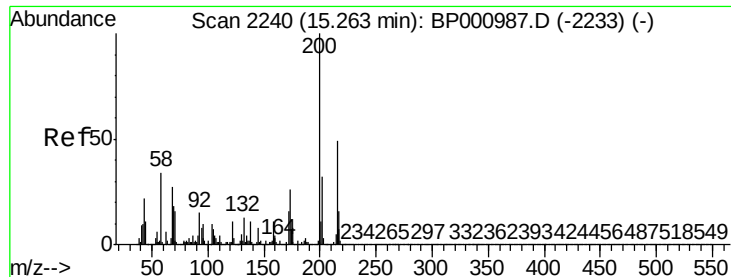
Sohil
11/8/2019 3:33:51 PM



#68
Hexachlorobenzene
Concen: 10.428 ng
RT: 15.06 min Scan# 2206
Delta R.T. -0.00 min
Lab File: BP001003.D
Acq: 07 Nov 2019 16:37

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.7	25.8	38.8
249	32.3	25.4	38.0





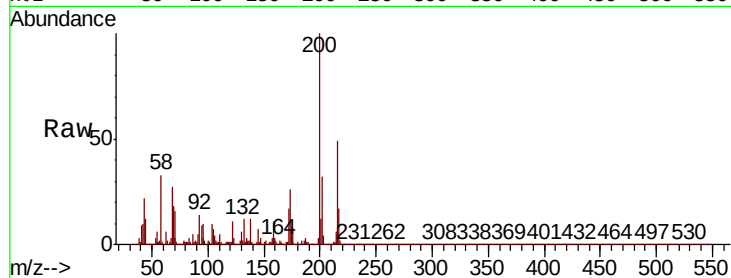
#69
Atrazine
Concen: 9.289 ng
RT: 15.26 min Scan# 2239
Delta R.T. -0.01 min
Lab File: BP001003.D
Acq: 07 Nov 2019 16:37

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2019

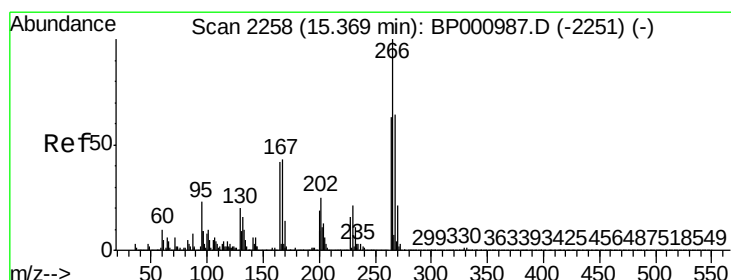
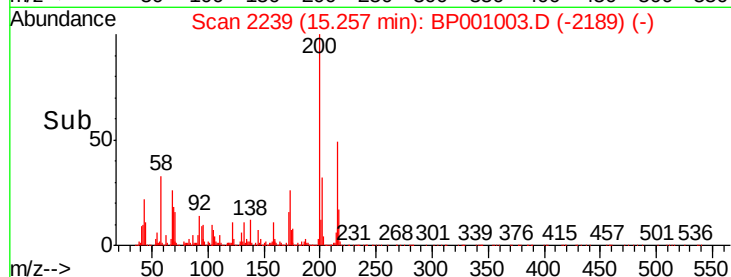
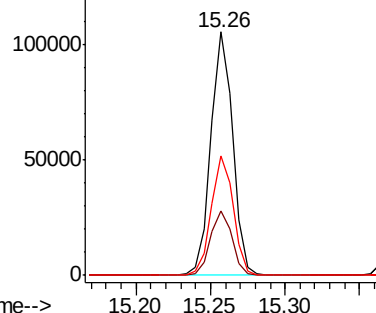
Tot Ion	Ratio	Lower	Upper
200	100		
173	26.2	5.8	45.8
215	49.0	28.6	68.6

Manual Integrations
APPROVED

Sohil
11/8/2019 3:33:51 PM

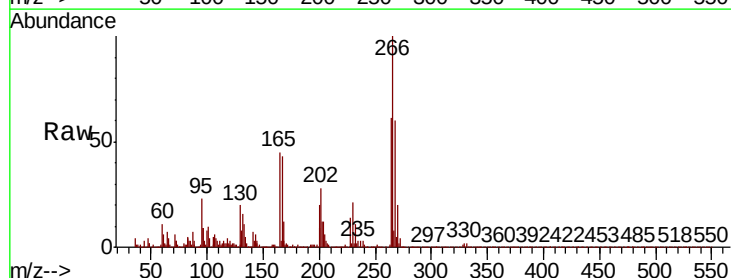


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

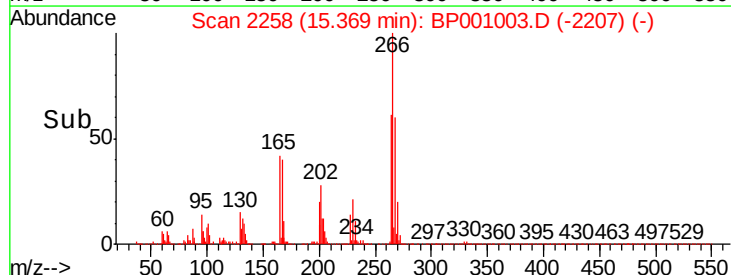
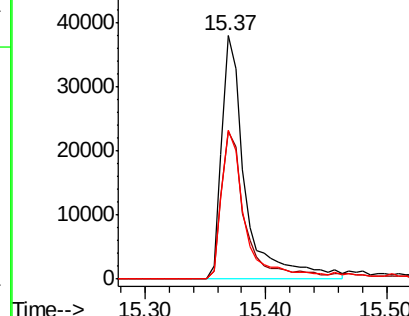


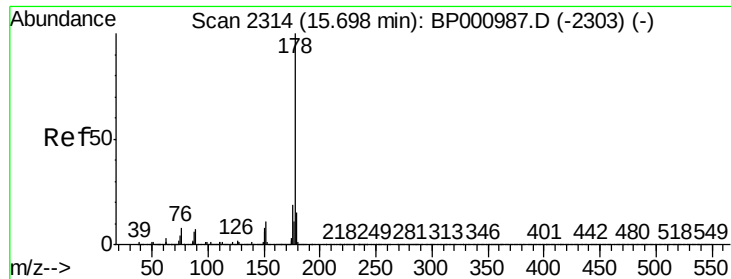
#70
Pentachlorophenol
Concen: 7.645 ng
RT: 15.37 min Scan# 2258
Delta R.T. -0.00 min
Lab File: BP001003.D
Acq: 07 Nov 2019 16:37

Tgt Ion	Ratio	Lower	Upper
266	100		
268	60.4	50.9	76.3
264	61.2	50.6	76.0



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





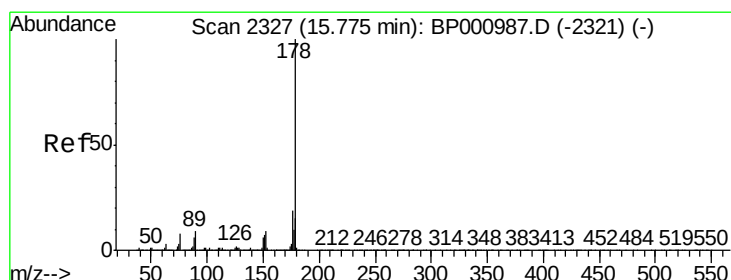
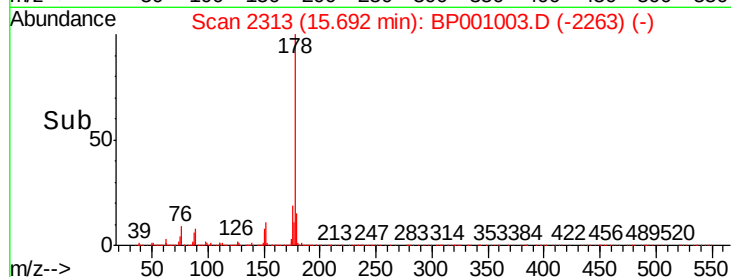
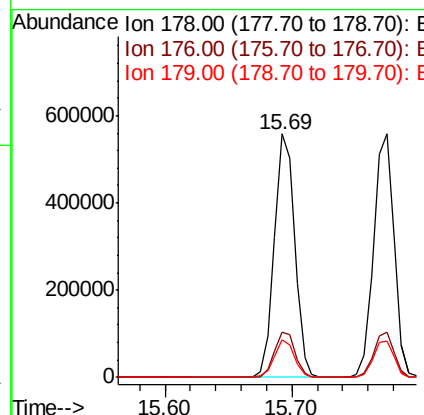
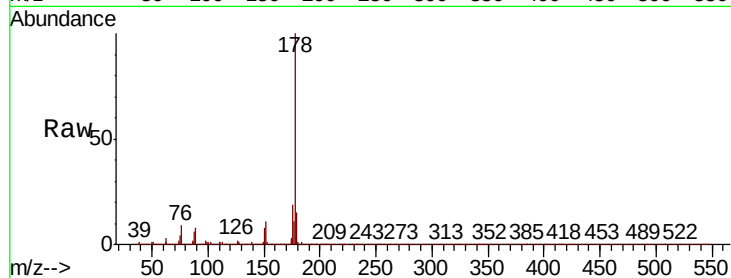
#71
Phenanthrene
Concen: 10.986 ng
RT: 15.69 min Scan# 2313
Delta R.T. -0.01 min
Lab File: BP001003.D
Acq: 07 Nov 2019 16:37

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2019

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.5	23.3
179	15.4	12.3	18.5

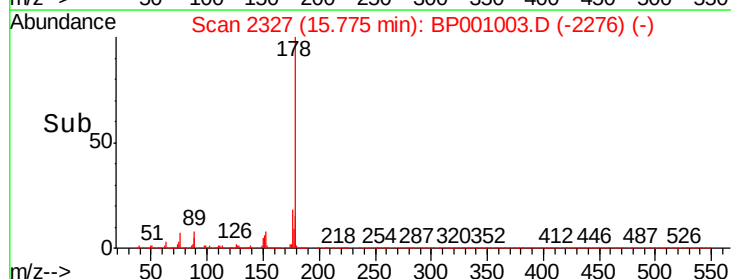
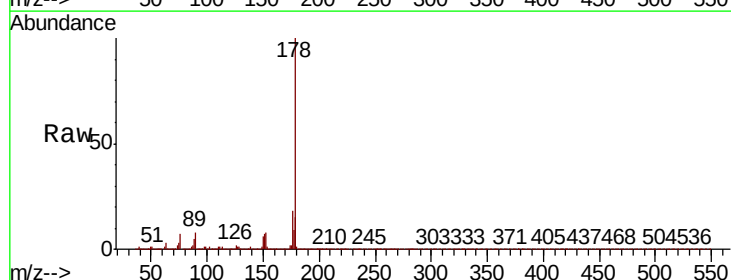
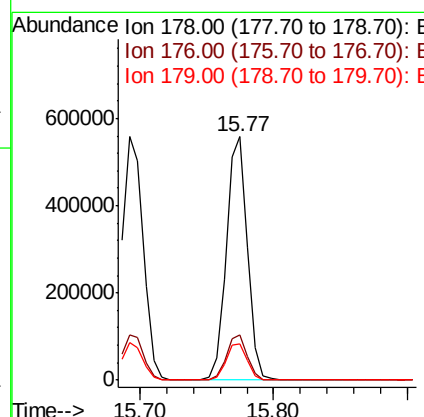
Manual Integrations
APPROVED

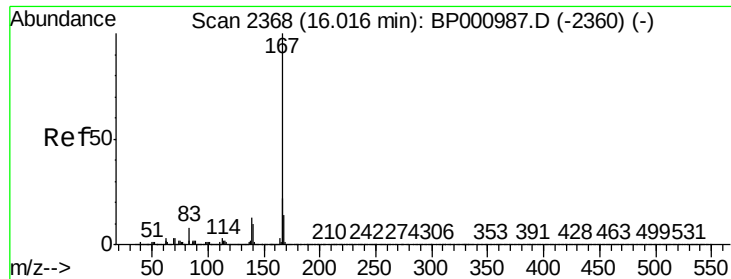
Sohil
11/8/2019 3:33:51 PM



#72
Anthracene
Concen: 11.177 ng
RT: 15.77 min Scan# 2327
Delta R.T. -0.00 min
Lab File: BP001003.D
Acq: 07 Nov 2019 16:37

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.1	22.7
179	15.0	12.3	18.5





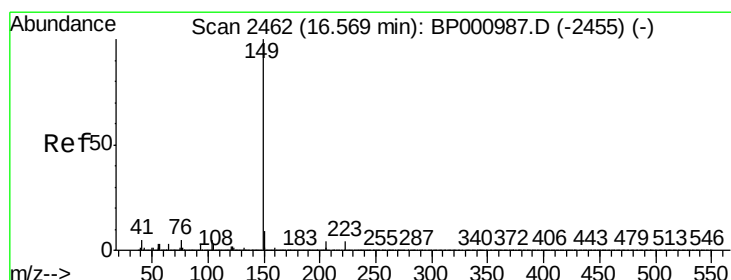
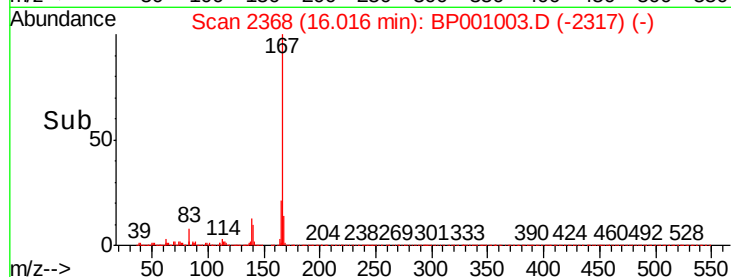
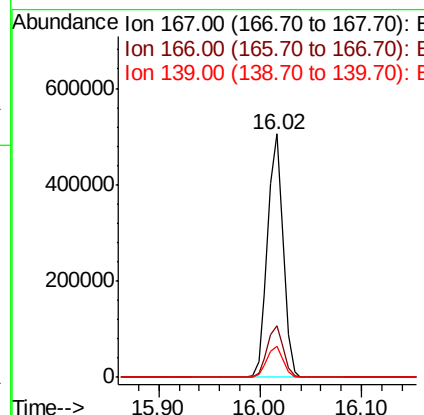
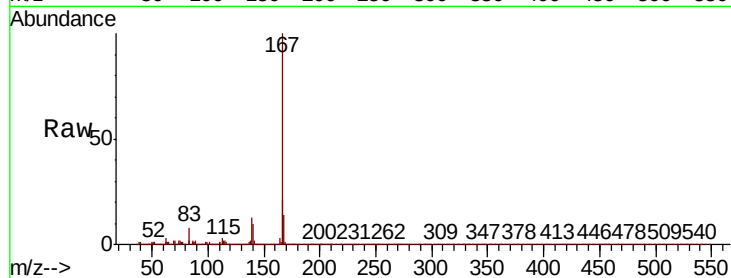
#73
 Carbazole
 Concen: 10.773 ng
 RT: 16.02 min Scan# 2368
 Delta R.T. -0.00 min
 Lab File: BP001003.D
 Acq: 07 Nov 2019 16:37

Instrument :
 BNA_P
 ClientSampleId :
 LOQ-SOIL-02-QT4-2019

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.3	17.6	26.4
139	13.0	10.6	15.8

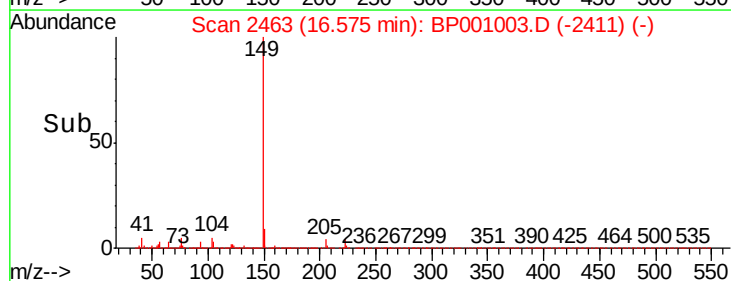
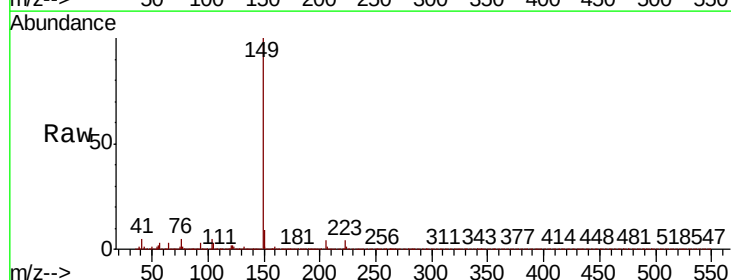
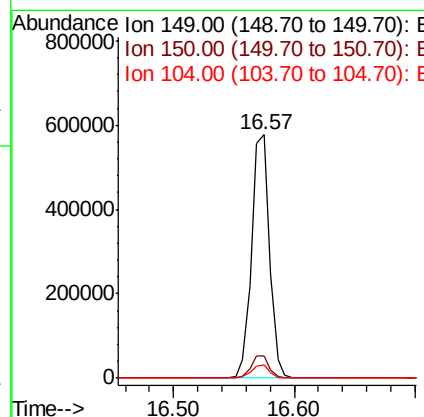
Manual Integrations
 APPROVED

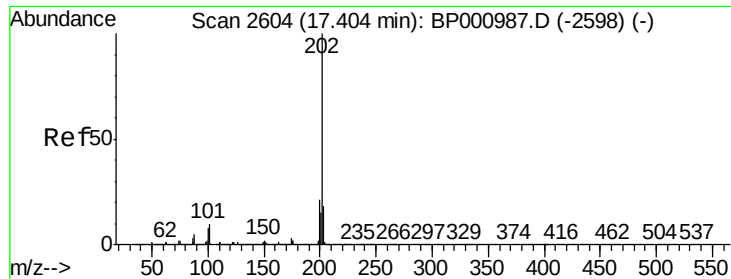
Sohil
 11/8/2019 3:33:51 PM



#74
 Di-n-butylphthalate
 Concen: 9.838 ng
 RT: 16.57 min Scan# 2463
 Delta R.T. 0.01 min
 Lab File: BP001003.D
 Acq: 07 Nov 2019 16:37

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.5	11.3
104	5.3	4.2	6.4





#75

Fluoranthene

Concen: 11.031 ng

RT: 17.40 min Scan# 2604

Delta R.T. -0.00 min

Lab File: BP001003.D

Acq: 07 Nov 2019 16:37

Instrument :

BNA_P

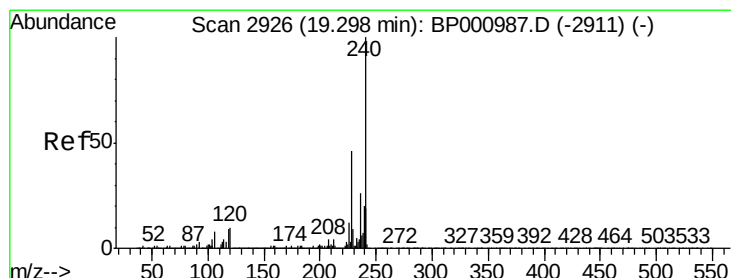
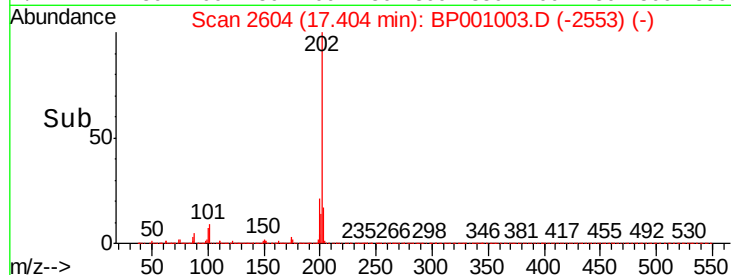
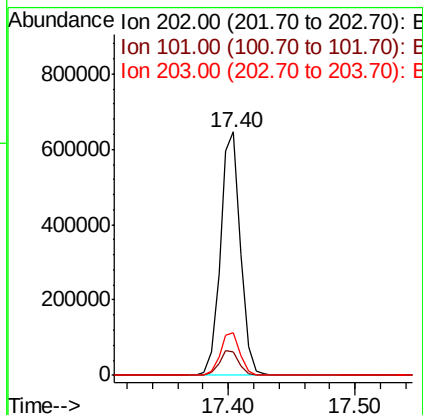
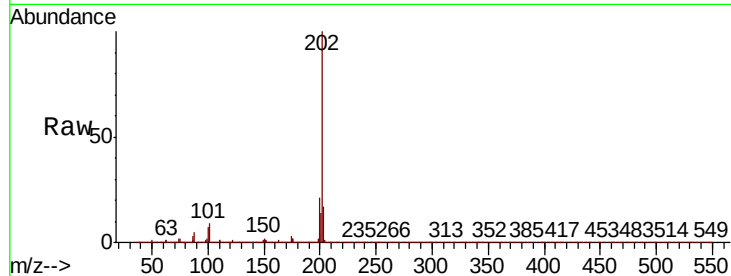
ClientSampleId :

LOQ-SOIL-02-QT4-2019

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		706741		
101	9.4	0.0	30.1		
203	17.4	0.0	37.7		

Manual Integrations
APPROVED

Sohil
11/8/2019 3:33:51 PM



#76

Chrysene-d12

Concen: 20.000 ng

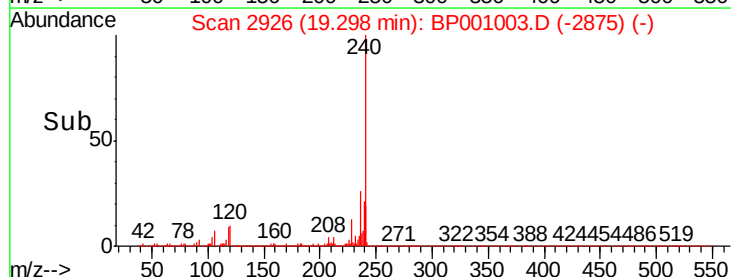
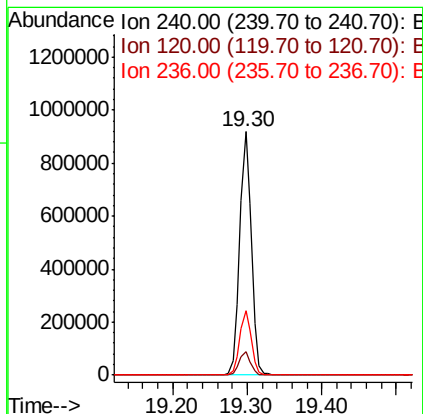
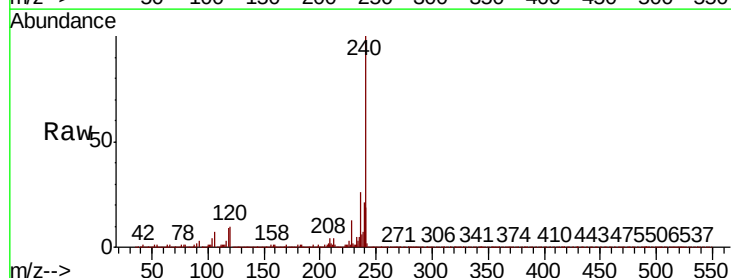
RT: 19.30 min Scan# 2926

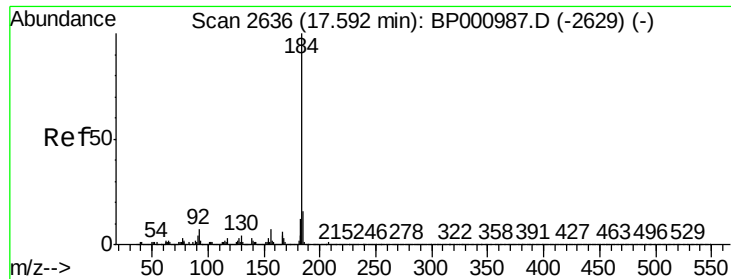
Delta R.T. -0.00 min

Lab File: BP001003.D

Acq: 07 Nov 2019 16:37

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100		991640		
120	9.5	8.2	12.2		
236	26.3	20.5	30.7		





#77

Benzidine

Concen: 8.739 ng

RT: 17.59 min Scan# 2635

Delta R.T. -0.01 min

Lab File: BP001003.D

Acq: 07 Nov 2019 16:37

Instrument :

BNA_P

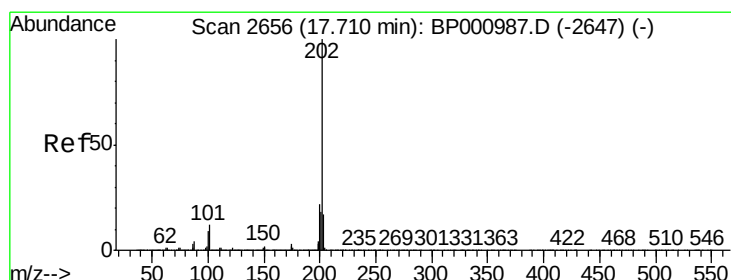
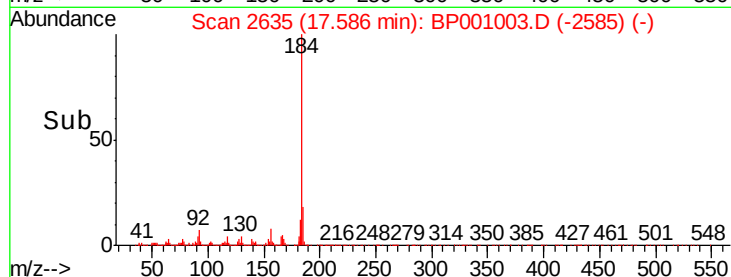
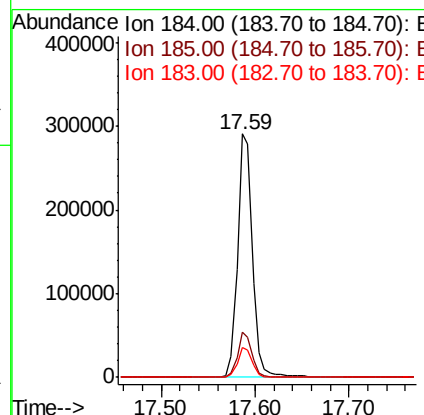
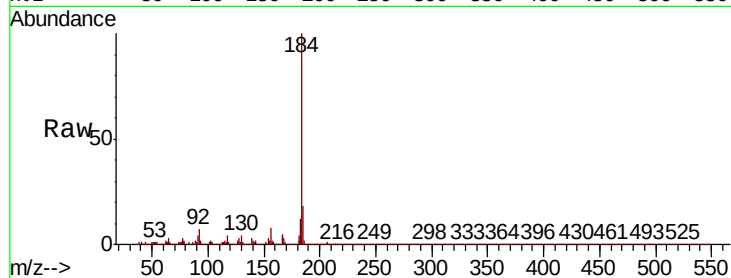
ClientSampleId :

LOQ-SOIL-02-QT4-2019

Tot Ion:	184	Resp:	319128
Ion Ratio	Lower	Upper	
184	100		
185	18.5	12.6	18.8
183	12.1	9.8	14.6

Manual Integrations
APPROVED

Sohil
11/8/2019 3:33:51 PM



#78

Pyrene

Concen: 10.464 ng

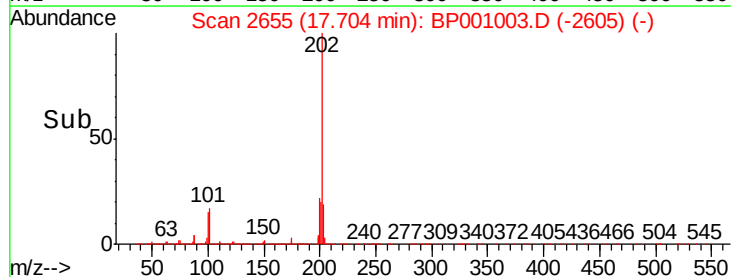
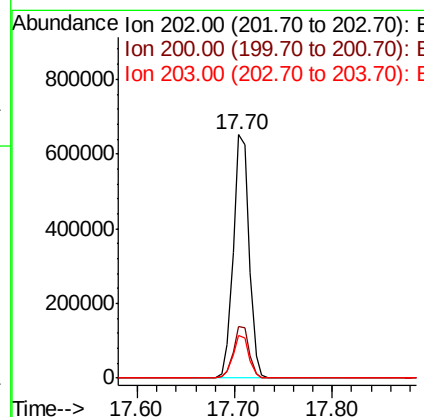
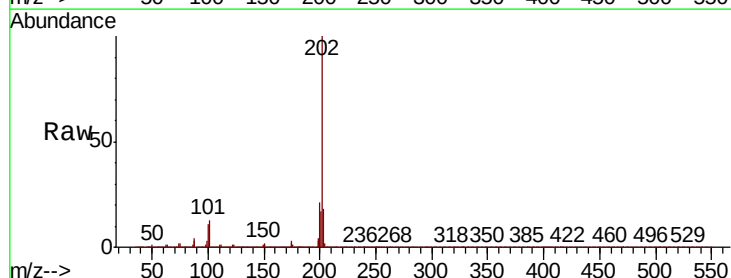
RT: 17.70 min Scan# 2655

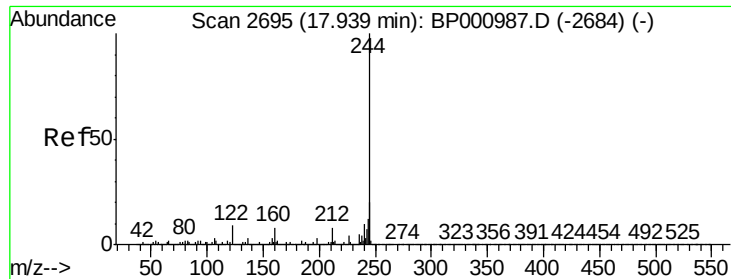
Delta R.T. -0.01 min

Lab File: BP001003.D

Acq: 07 Nov 2019 16:37

Tgt Ion:	202	Resp:	733307
Ion Ratio	Lower	Upper	
202	100		
200	21.2	17.2	25.8
203	17.7	14.0	21.0





#79

Terphenyl-d14

Concen: 94.028 ng

RT: 17.95 min Scan# 2696

Delta R.T. 0.01 min

Lab File: BP001003.D

Acq: 07 Nov 2019 16:37

Instrument :

BNA_P

ClientSampleId :

LOQ-SOIL-02-QT4-2019

Tot Ion:244 Resp: 4687539

Ion Ratio Lower Upper

244 100

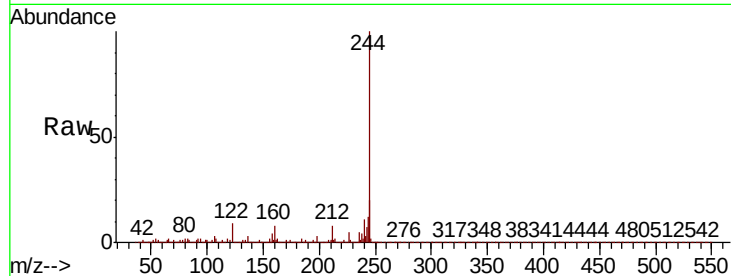
212 8.0 6.0 9.0

122 9.3 7.4 11.2

Manual Integrations
APPROVED

Sohil

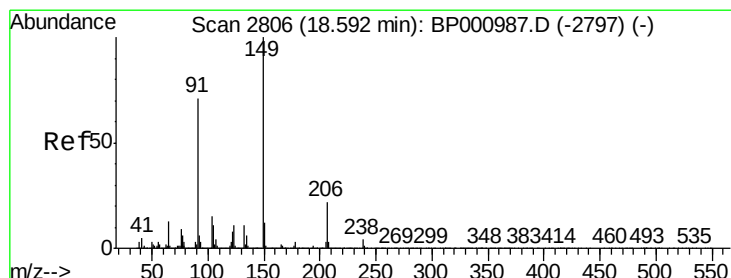
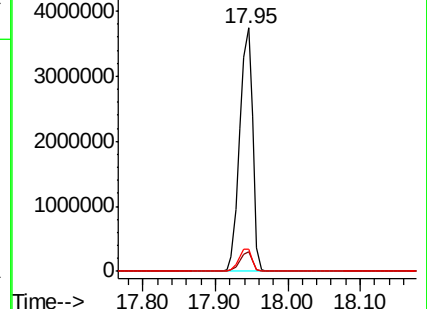
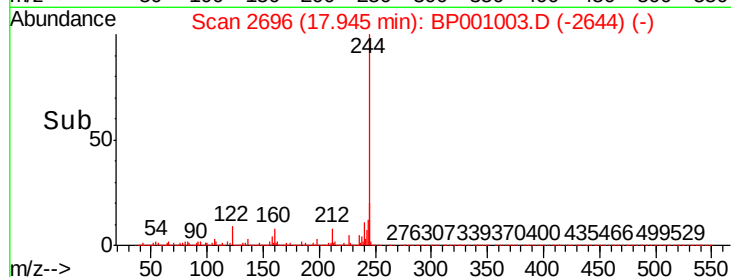
11/8/2019 3:33:51 PM



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 8.031 ng

RT: 18.59 min Scan# 2806

Delta R.T. -0.00 min

Lab File: BP001003.D

Acq: 07 Nov 2019 16:37

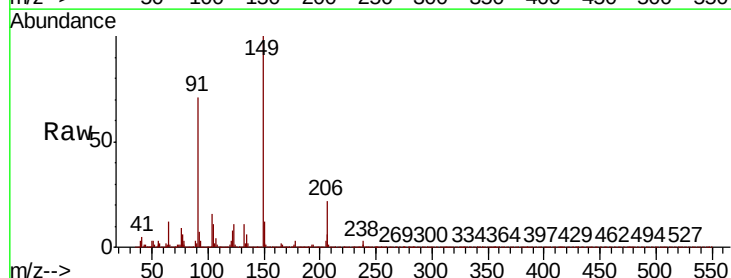
Tgt Ion:149 Resp: 222850

Ion Ratio Lower Upper

149 100

91 70.9 56.6 84.8

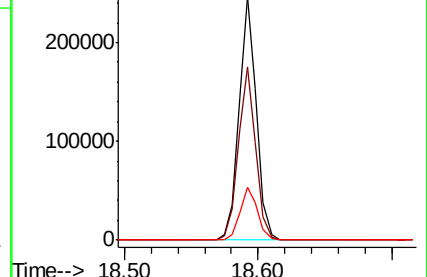
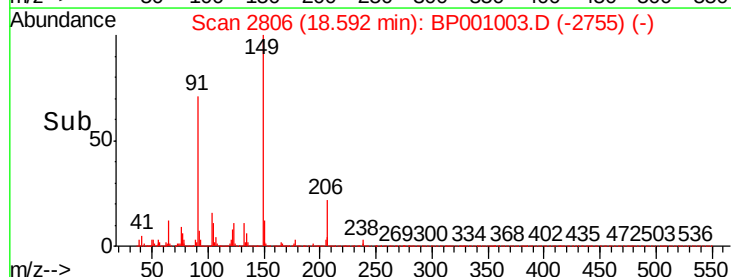
206 21.5 18.0 27.0

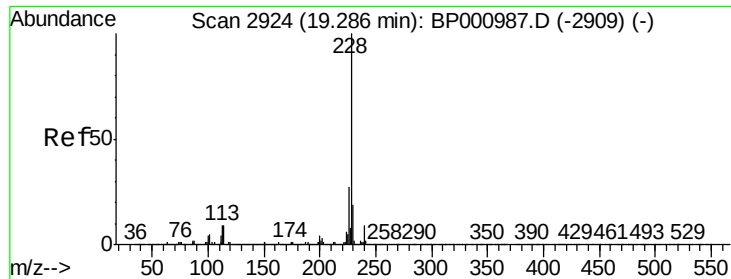


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BP0

Ion 206.00 (205.70 to 206.70): E





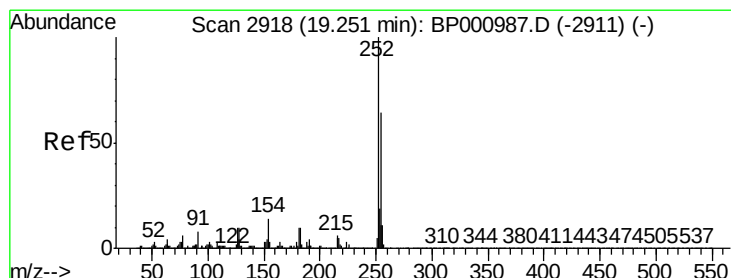
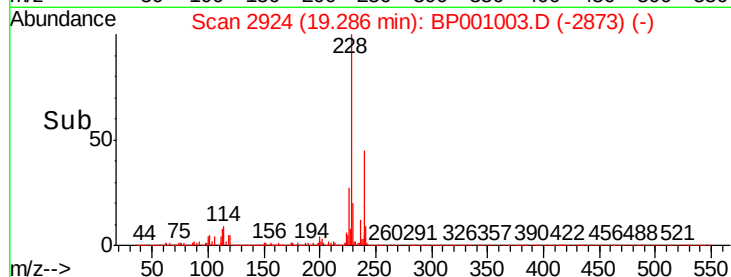
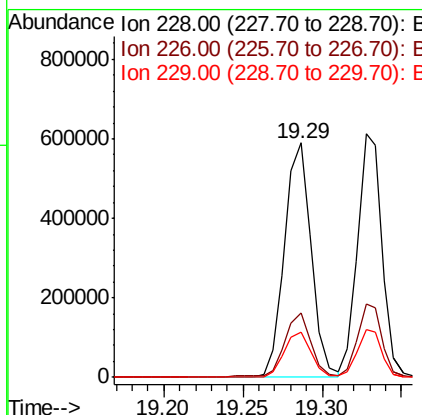
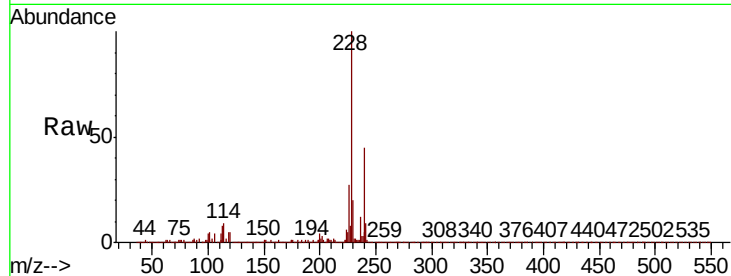
#81
Benzo(a)anthracene
Concen: 10.314 ng
RT: 19.29 min Scan# 2924
Delta R.T. -0.00 min
Lab File: BP001003.D
Acq: 07 Nov 2019 16:37

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2019

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.3	21.8	32.8
229	19.6	15.6	23.4

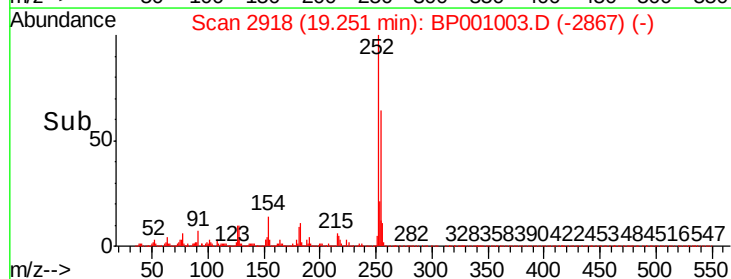
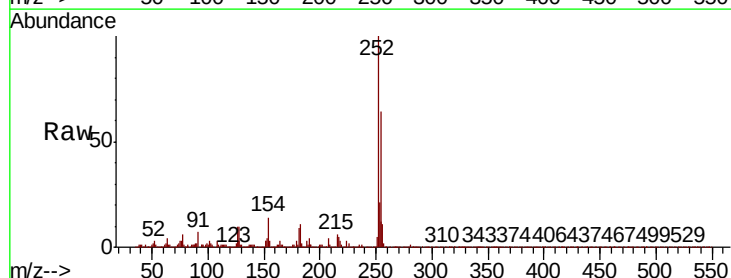
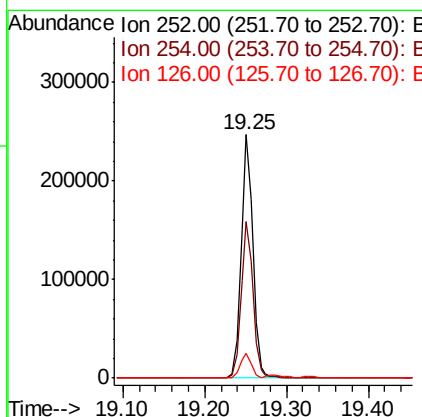
Manual Integrations
APPROVED

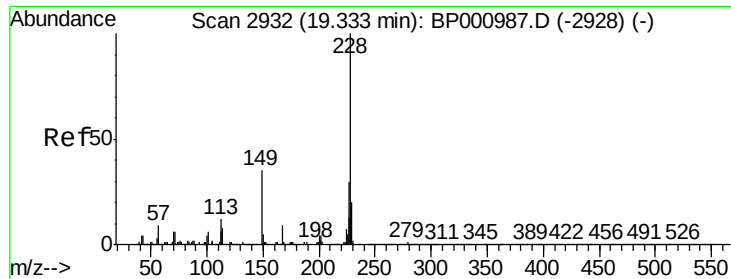
Sohil
11/8/2019 3:33:51 PM



#82
3,3'-Dichlorobenzidine
Concen: 10.248 ng
RT: 19.25 min Scan# 2918
Delta R.T. -0.00 min
Lab File: BP001003.D
Acq: 07 Nov 2019 16:37

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.5	51.1	76.7
126	10.3	8.3	12.5





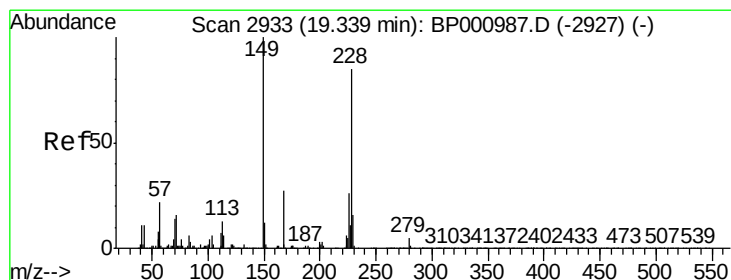
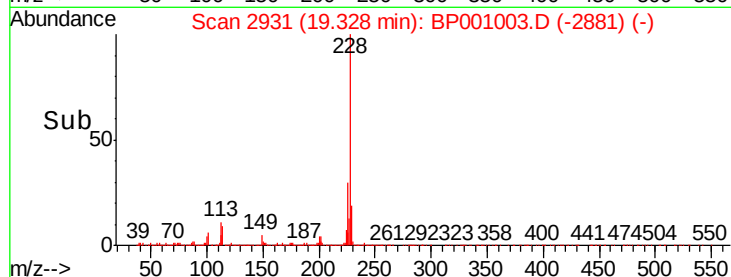
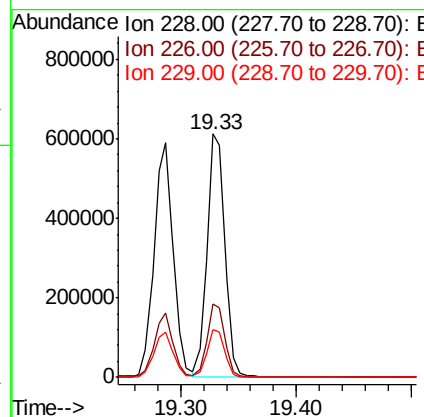
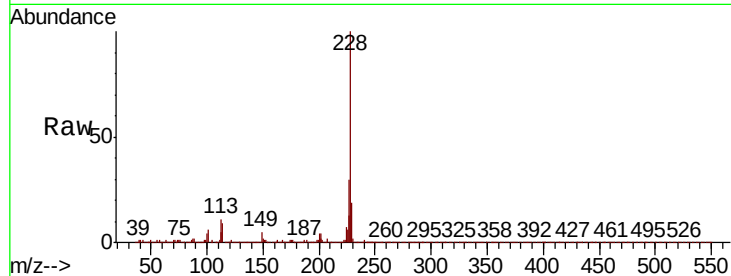
#83
Chrysene
Concen: 11.292 ng
RT: 19.33 min Scan# 2931
Delta R.T. -0.01 min
Lab File: BP001003.D
Acq: 07 Nov 2019 16:37

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2019

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.2	36.2
229	19.4	15.8	23.6

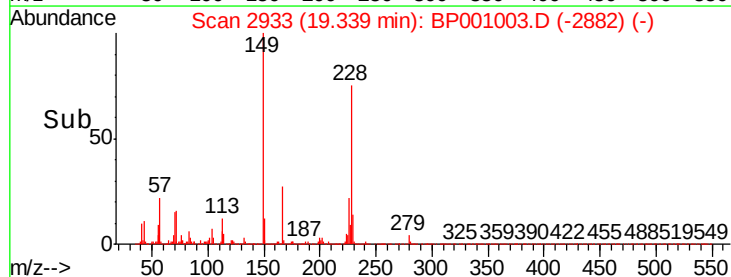
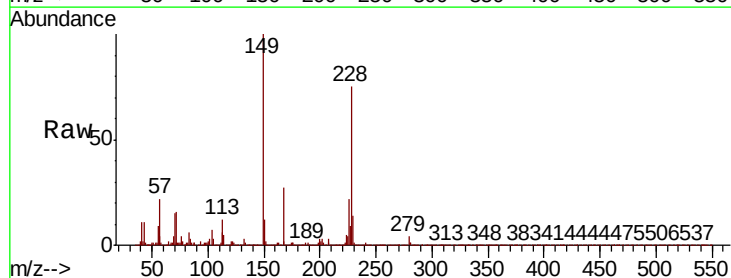
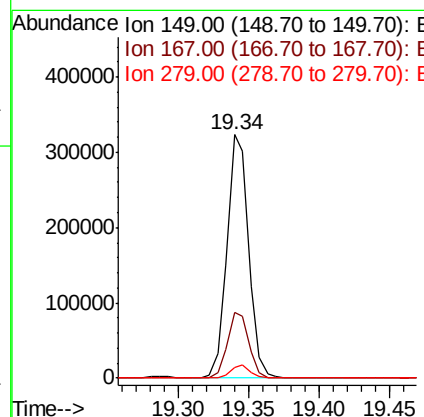
Manual Integrations
APPROVED

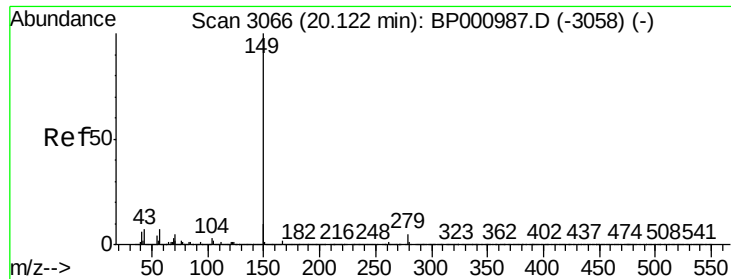
Sohil
11/8/2019 3:33:51 PM



#84
Bis(2-ethylhexyl)phthalate
Concen: 9.672 ng
RT: 19.34 min Scan# 2933
Delta R.T. -0.00 min
Lab File: BP001003.D
Acq: 07 Nov 2019 16:37

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.1	21.4	32.2
279	4.3	3.7	5.5





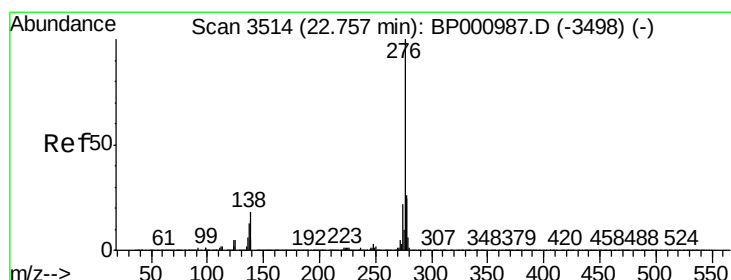
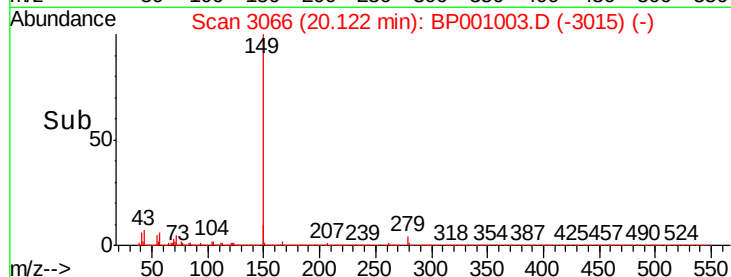
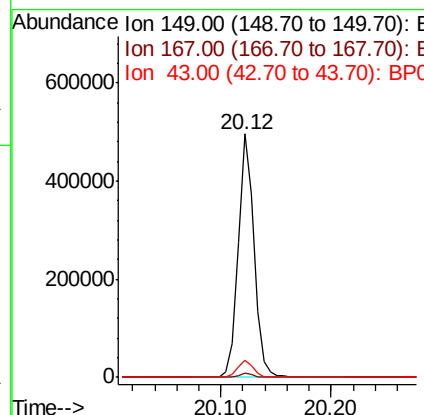
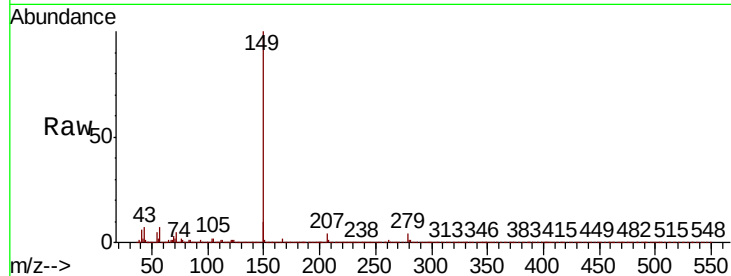
#85
Di-n-octyl phthalate
Concen: 7.876 ng
RT: 20.12 min Scan# 3066
Delta R.T. -0.00 min
Lab File: BP001003.D
Acq: 07 Nov 2019 16:37

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2019

Tot Ion	Ratio	Resp Lower	Upper
149	100		
167	1.6	1.3	1.9
43	7.1	5.6	8.4

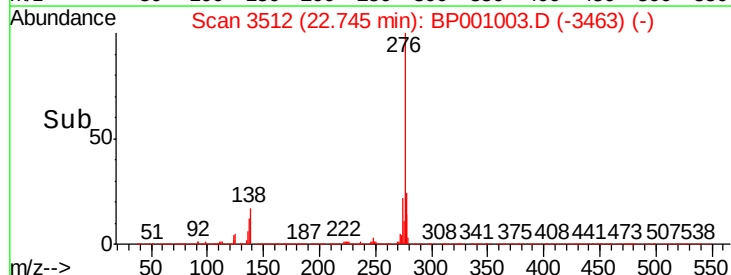
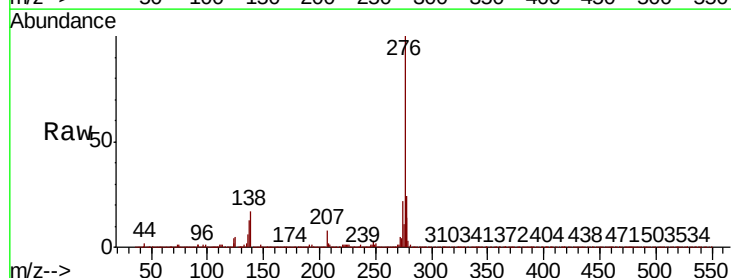
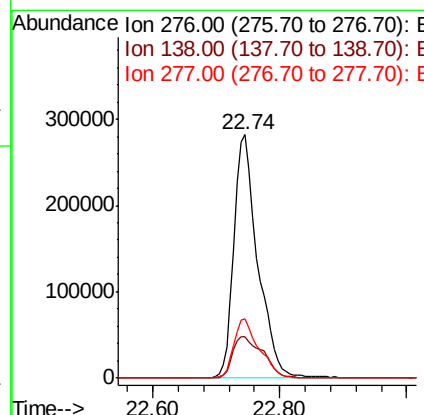
Manual Integrations
APPROVED

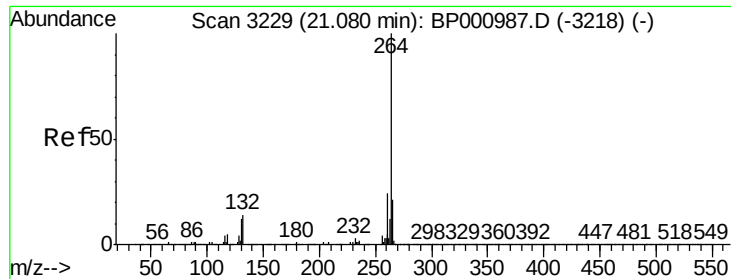
Sohil
11/8/2019 3:33:51 PM



#86
Indeno(1,2,3-cd)pyrene
Concen: 9.154 ng
RT: 22.74 min Scan# 3512
Delta R.T. -0.01 min
Lab File: BP001003.D
Acq: 07 Nov 2019 16:37

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	21.6	17.6	26.4
277	25.9	20.2	30.4





#87

Pervlene-d12

Concen: 20.000 ng

RT: 21.08 min Scan# 3229

Delta R.T. -0.00 min

Lab File: BP001003.D

Acq: 07 Nov 2019 16:37

Instrument :

BNA_P

ClientSampleId :

LOQ-SOIL-02-QT4-2019

Tot Ion:264 Resp: 1098180

Ion Ratio Lower Upper

264 100

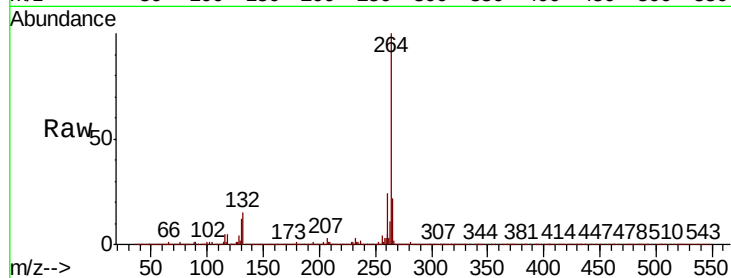
260 23.8 18.8 28.2

265 21.9 17.1 25.7

Manual Integrations
APPROVED

Sohil

11/8/2019 3:33:51 PM

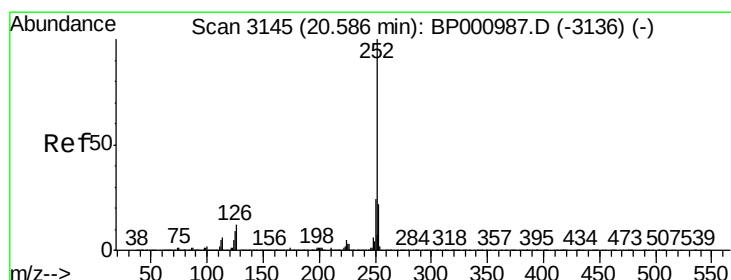
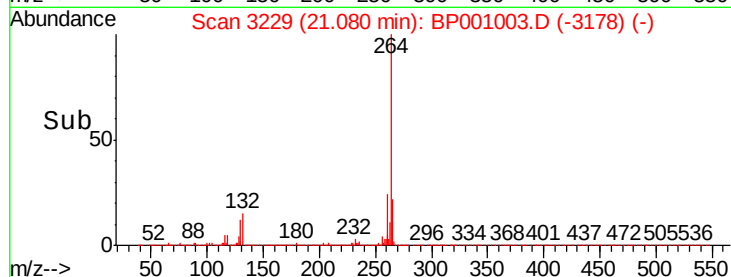
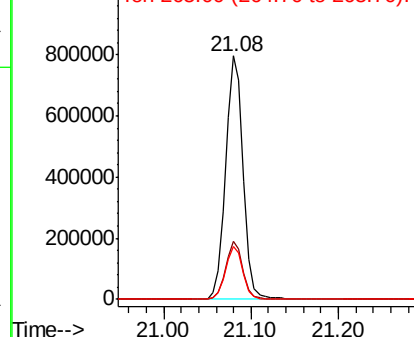


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 10.388 ng

RT: 20.59 min Scan# 3145

Delta R.T. -0.00 min

Lab File: BP001003.D

Acq: 07 Nov 2019 16:37

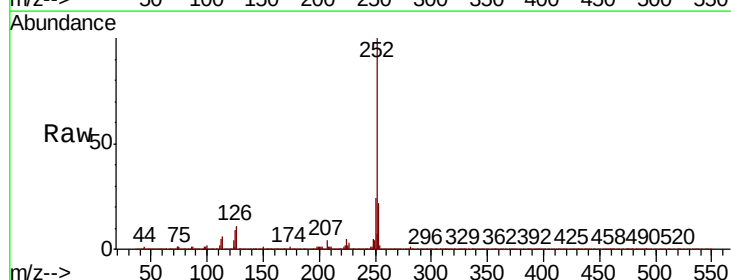
Tgt Ion:252 Resp: 680010

Ion Ratio Lower Upper

252 100

253 22.3 17.9 26.9

125 8.7 7.3 10.9

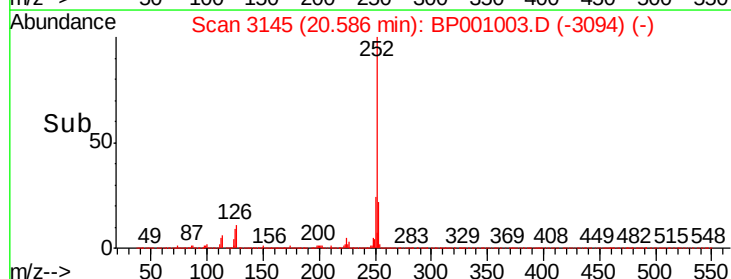
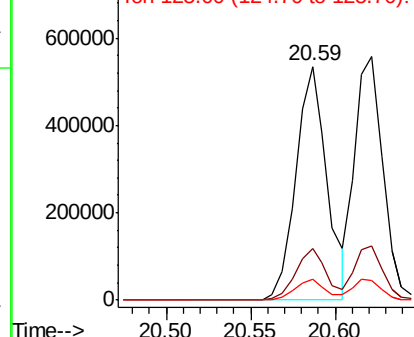


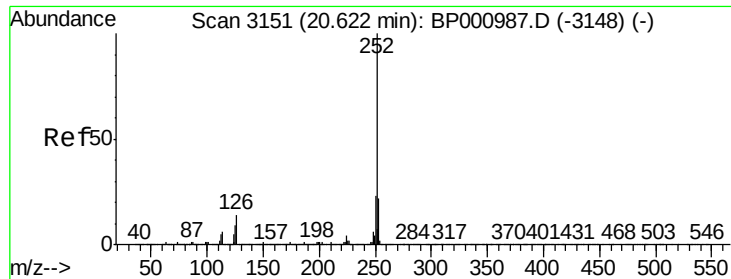
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





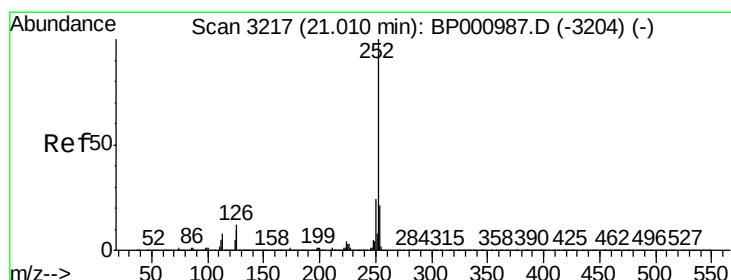
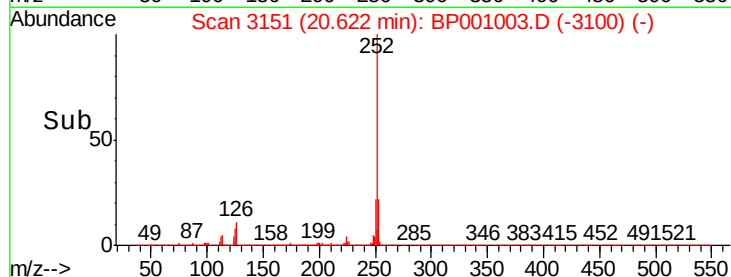
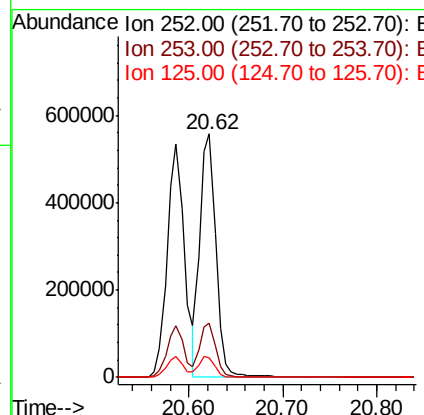
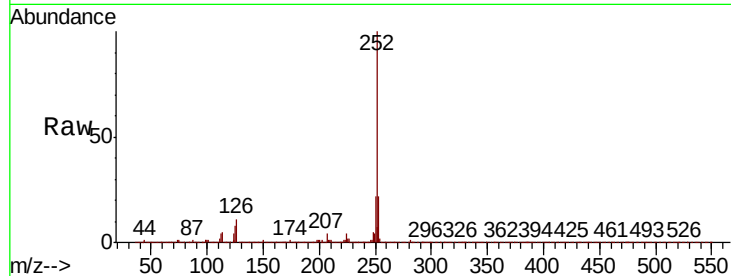
#89
Benzo(k)fluoranthene
Concen: 10.697 ng
RT: 20.62 min Scan# 3151
Delta R.T. -0.00 min
Lab File: BP001003.D
Acq: 07 Nov 2019 16:37

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2019

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.7	26.5
125	7.9	7.3	10.9

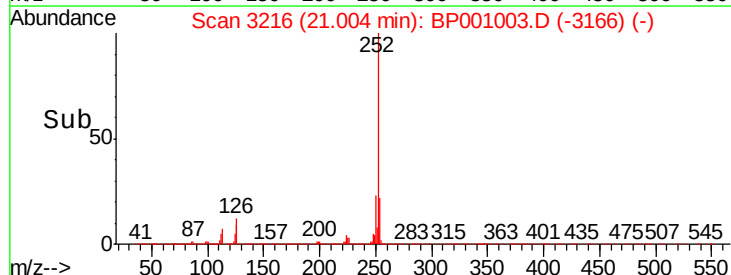
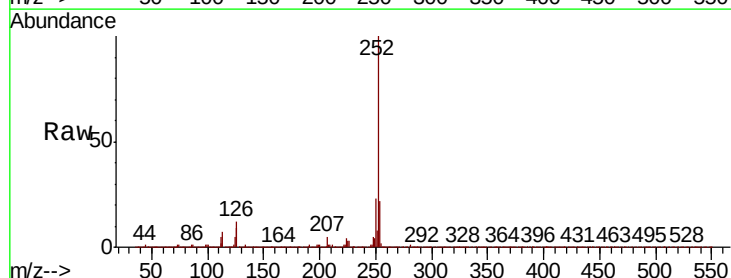
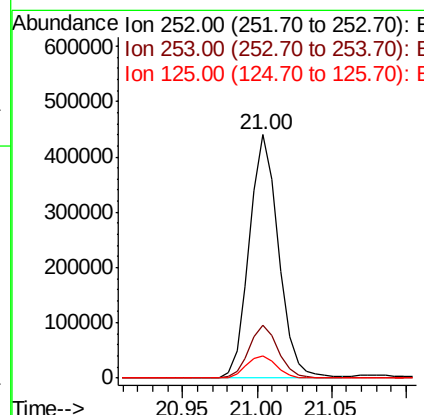
Manual Integrations
APPROVED

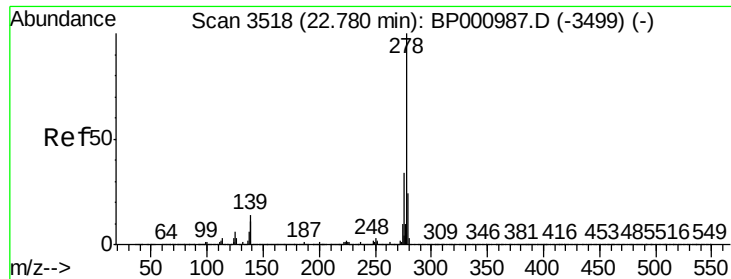
Sohil
11/8/2019 3:33:51 PM



#90
Benzo(a)pyrene
Concen: 9.901 ng
RT: 21.00 min Scan# 3216
Delta R.T. -0.01 min
Lab File: BP001003.D
Acq: 07 Nov 2019 16:37

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.1	25.7
125	9.2	7.6	11.4





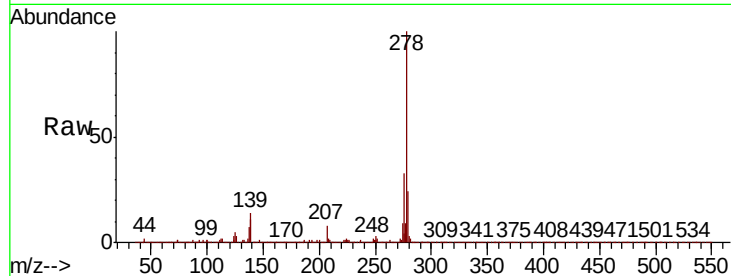
#91
Dibenzo(a,h)anthracene
Concen: 10.327 ng
RT: 22.77 min Scan# 3517
Delta R.T. -0.01 min
Lab File: BP001003.D
Acq: 07 Nov 2019 16:37

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2019

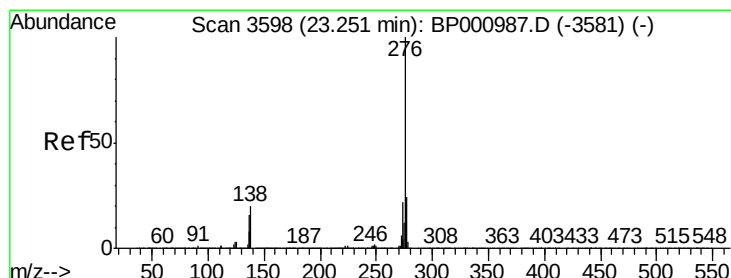
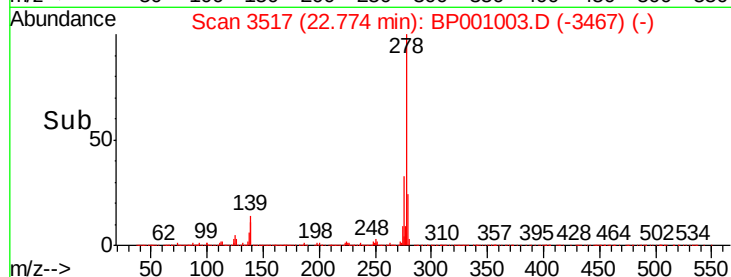
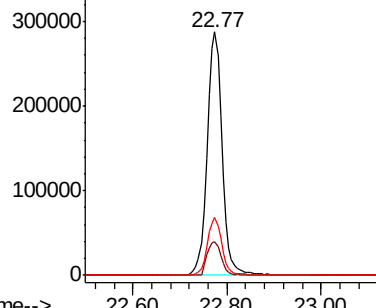
Tot Ion:278	Resp:	634409
Ion Ratio	Lower	Upper
278 100		
139 13.9	11.3	16.9
279 23.8	19.1	28.7

Manual Integrations
APPROVED

Sohil
11/8/2019 3:33:51 PM



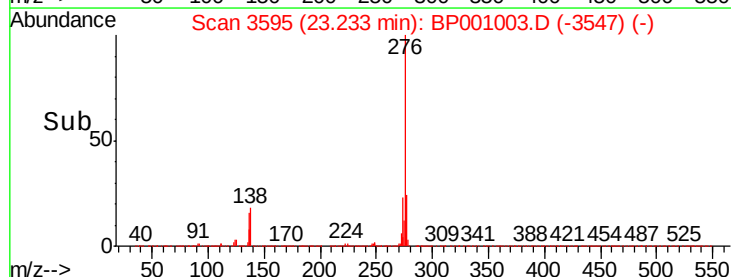
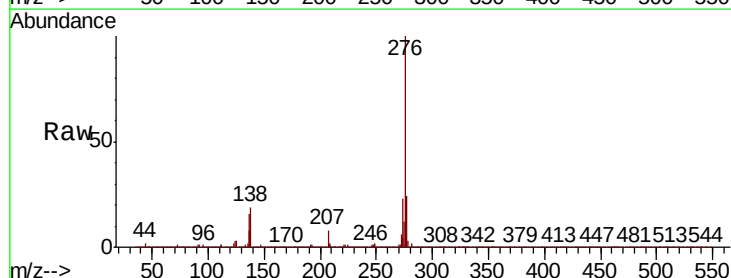
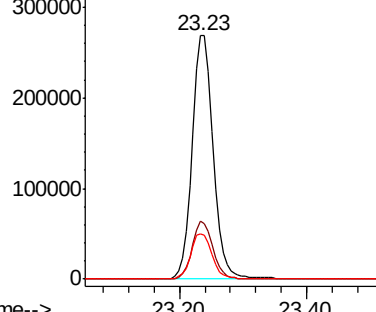
Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 10.028 ng
RT: 23.23 min Scan# 3595
Delta R.T. -0.02 min
Lab File: BP001003.D
Acq: 07 Nov 2019 16:37

Tgt Ion:276	Resp:	620324
Ion Ratio	Lower	Upper
276 100		
277 24.1	19.0	28.4
138 18.6	15.7	23.5

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP110719\
 Data File : BP001003.D
 Acq On : 07 Nov 2019 16:37
 Operator : JU
 Sample : K5111-02
 Misc : L00-S-10PPM
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 LOQ-SOIL-02-QT4-2019

Manual Integrations
 APPROVED

Sohil
 11/8/2019 3:33:51 PM

Quant Time: Nov 07 18:32:27 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	8.37	152	225525	20.00	ng	0.00
21) Naphthalene-d8	10.40	136	858788	20.00	ng	0.00
39) Acenaphthene-d10	13.26	164	530830	20.00	ng	0.00
64) Phenanthrene-d10	15.66	188	1107502	20.00	ng	0.00
76) Chrysene-d12	19.30	240	991640	20.00	ng	0.00
87) Perylene-d12	21.08	264	1098180	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	6.29	112	1729664	139.60	ng	0.00
7) Phenol-d6	7.82	99	2183174	139.34	ng	0.00
23) Nitrobenzene-d5	9.25	82	1564937	100.80	ng	0.00
42) 2,4,6-Tribromophenol	14.56	330	922547	145.58	ng	0.00
45) 2-Fluorobiphenyl	12.19	172	3435725	97.48	ng	0.00
79) Terphenyl-d14	17.95	244	4687539	94.03	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.82	88	48947	9.086	ng	98
3) Pyridine	3.71	79	121320	8.518	ng	97
4) n-Nitrosodimethylamine	3.56	42	48215	9.713	ng	98
6) Aniline	7.85	93	229230	11.202	ng	98
8) 2-Chlorophenol	8.03	128	144809	11.021	ng	98
9) Benzaldehyde	7.67	77	126643	11.585	ng	97
10) Phenol	7.83	94	184719m	10.779	ng	
11) bis(2-Chloroethyl)ether	7.98	93	145044	10.872	ng	98
12) 1,3-Dichlorobenzene	8.28	146	176772	10.724	ng	98
13) 1,4-Dichlorobenzene	8.40	146	178238	10.735	ng	97
14) 1,2-Dichlorobenzene	8.63	146	166897	10.869	ng	99
15) Benzyl Alcohol	8.59	79	154072	12.904	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.83	45	143036	10.266	ng	99
17) 2-Methylphenol	8.78	107	123153	11.040	ng	99
18) Hexachloroethane	9.18	117	63068	10.341	ng	97
19) n-Nitroso-di-n-propylamine	9.03	70	106616	11.332	ng	98
20) 3+4-Methylphenols	9.02	107	160285	11.582	ng	95
22) Acetophenone	9.01	105	228989	10.325	ng	# 99
24) Nitrobenzene	9.28	77	165622	10.632	ng	98
25) Isophorone	9.67	82	302932	10.601	ng	99
26) 2-Nitrophenol	9.79	139	52267	8.978	ng	97
27) 2,4-Dimethylphenol	9.88	122	126707	11.623	ng	99
28) bis(2-Chloroethoxy)methane	10.03	93	190821	10.213	ng	99
29) 2,4-Dichlorophenol	10.17	162	133496	10.146	ng	98
30) 1,2,4-Trichlorobenzene	10.32	180	170604	10.554	ng	97
31) Naphthalene	10.43	128	468550	10.920	ng	100
32) Benzoic acid	9.97	122	29653m	5.025	ng	
33) 4-Chloroaniline	10.53	127	189681	10.309	ng	98
34) Hexachlorobutadiene	10.66	225	108826	10.190	ng	99
35) Caprolactam	11.05	113	41780	10.060	ng	94
36) 4-Chloro-3-methylphenol	11.32	107	142948	10.462	ng	97
37) 2-Methylnaphthalene	11.57	142	334264	11.130	ng	99
38) 1-Methylnaphthalene	11.72	142	319408	11.256	ng	99
40) 1,2,4,5-Tetrachlorobenzene	11.84	216	187901	10.631	ng	100

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP110719\
 Data File : BP001003.D
 Acq On : 07 Nov 2019 16:37
 Operator : JU
 Sample : K5111-02
 Misc : L00-S-10PPM
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 LOQ-SOIL-02-QT4-2019

Manual Integrations
 APPROVED

Sohil
 11/8/2019 3:33:51 PM

Quant Time: Nov 07 18:32:27 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	99555	11.243	nq	99
43) 2,4,6-Trichlorophenol	12.03	196	98048	9.200	nq	97
44) 2,4,5-Trichlorophenol	12.07	196	112787	9.899	nq	97
46) 1,1'-Biphenyl	12.34	154	430260	10.840	nq	99
47) 2-Chloronaphthalene	12.36	162	331700	10.381	nq	98
48) 2-Nitroaniline	12.52	65	72195	8.632	nq	99
49) Acenaphthylene	13.03	152	531600	10.944	nq	99
50) Dimethylphthalate	12.85	163	413067	10.524	nq	100
51) 2,6-Dinitrotoluene	12.93	165	80050	9.777	nq	90
52) Acenaphthene	13.32	154	309201	10.643	nq	98
53) 3-Nitroaniline	13.19	138	78968	8.843	nq	99
54) 2,4-Dinitrophenol	13.36	184	12567	6.226	nq	93
55) Dibenzofuran	13.60	168	508047	11.195	nq	98
56) 4-Nitrophenol	13.47	139	53397	8.598	nq	96
57) 2,4-Dinitrotoluene	13.58	165	97838	9.513	nq	98
58) Fluorene	14.16	166	393048	10.883	nq	100
59) 2,3,4,6-Tetrachlorophenol	13.80	232	89415m	9.229	nq	
60) Diethylphthalate	14.02	149	407272	10.330	nq	99
61) 4-Chlorophenyl-phenylether	14.19	204	212971	11.153	nq	99
62) 4-Nitroaniline	12.52	138	81316	8.492	nq	99
63) Azobenzene	14.45	77	365784	10.600	nq	99
65) 4,6-Dinitro-2-methylphenol	14.25	198	23333	7.467	nq	94
66) n-Nitrosodiphenylamine	14.37	169	343643	10.792	nq	99
67) 4-Bromophenyl-phenylether	14.98	248	136309	10.455	nq	97
68) Hexachlorobenzene	15.06	284	157552	10.428	nq	98
69) Atrazine	15.26	200	107700	9.289	nq	99
70) Pentachlorophenol	15.37	266	51418	7.645	nq	97
71) Phenanthrene	15.69	178	622713	10.986	nq	99
72) Anthracene	15.77	178	618048	11.177	nq	99
73) Carbazole	16.02	167	546148	10.773	nq	99
74) Di-n-butylphthalate	16.57	149	601953	9.838	nq	99
75) Fluoranthene	17.40	202	706741	11.031	nq	99
77) Benzidine	17.59	184	319128	8.739	nq	96
78) Pyrene	17.70	202	733307	10.464	nq	99
80) Butylbenzylphthalate	18.59	149	222850	8.031	nq	99
81) Benzo(a)anthracene	19.29	228	688837	10.314	nq	100
82) 3,3'-Dichlorobenzidine	19.25	252	249549	10.248	nq	99
83) Chrysene	19.33	228	662118	11.292	nq	100
84) Bis(2-ethylhexyl)phthalate	19.34	149	341232	9.672	nq	99
85) Di-n-octyl phthalate	20.12	149	500270	7.876	nq	100
86) Indeno(1,2,3-cd)pyrene	22.74	276	734385	9.154	nq	99
88) Benzo(b)fluoranthene	20.59	252	680010	10.388	nq	99
89) Benzo(k)fluoranthene	20.62	252	659181	10.697	nq	99
90) Benzo(a)pyrene	21.00	252	595987	9.901	nq	99
91) Dibenzo(a,h)anthracene	22.77	278	634409	10.327	nq	100
92) Benzo(g,h,i)perylene	23.23	276	620324	10.028	nq	99

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