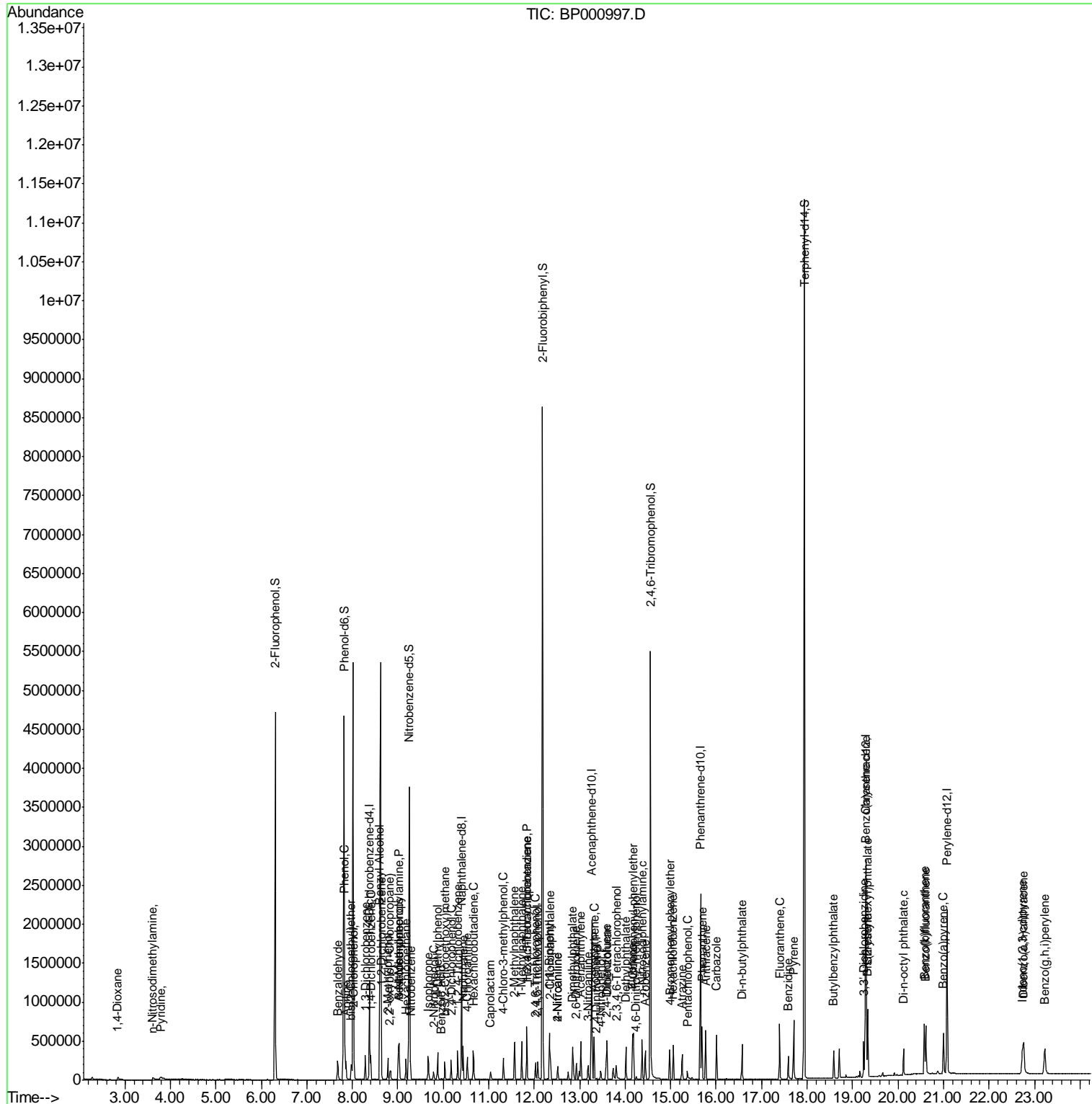


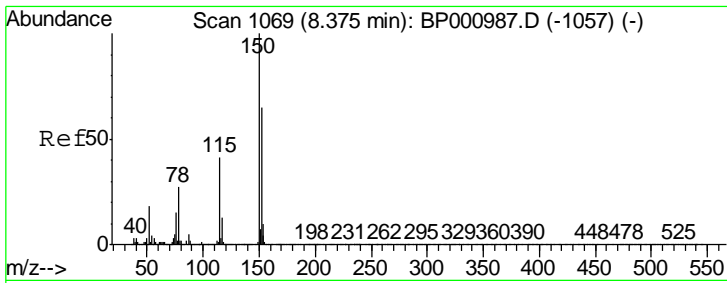
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 Data File : BP000997.D
 Acq On : 07 Nov 2019 11:08
 Operator : JU
 Sample : K5111-01
 Misc : LOD-MDL-S-5PPM
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 Client Sampled :
 LOD-MDL-SOIL-01-QT4-2019

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 11/8/2019 3:33:44 PM

Quant Time: Nov 07 12:24:24 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





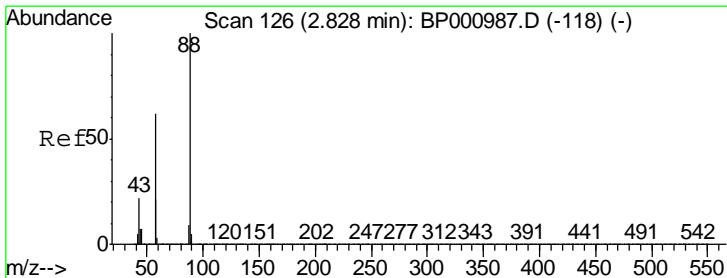
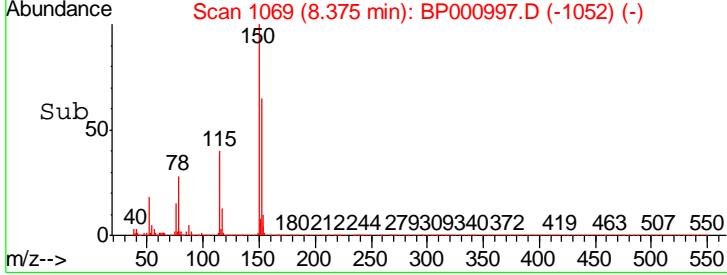
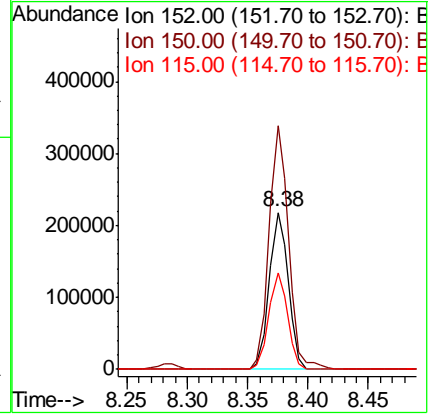
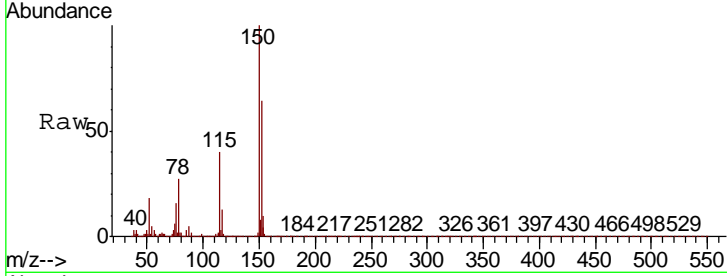
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.38 min Scan# 1069
 Delta R.T. -0.00 min
 Lab File: BP000997.D
 Acq: 07 Nov 2019 11:08

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

Tgt Ion	Resp	Lower	Upper
152	238988		
150	155.4	123.6	185.4
115	61.6	50.1	75.1

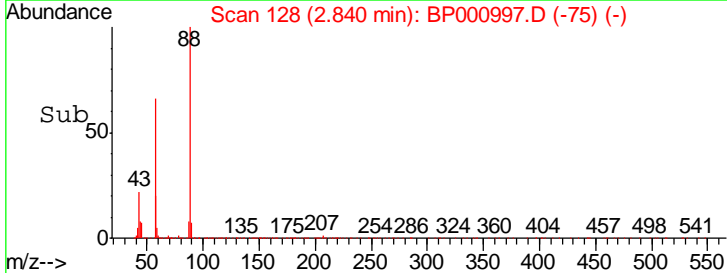
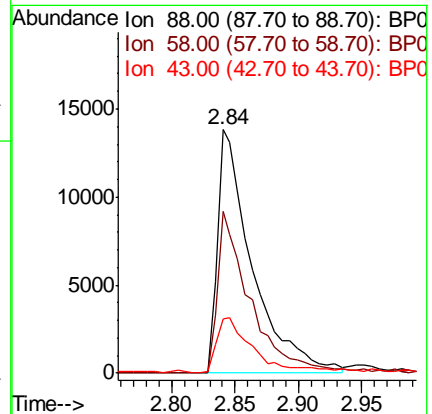
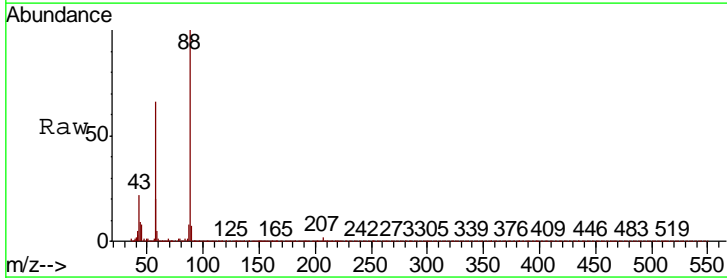
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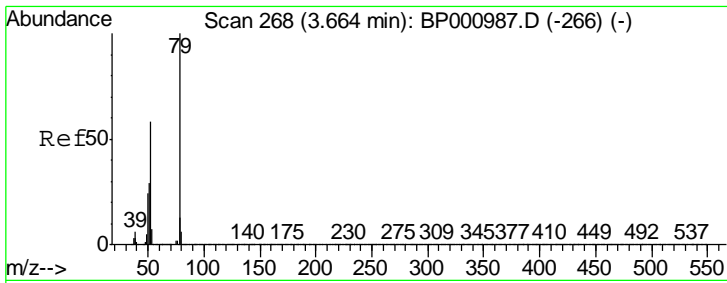
Sohil
 11/8/2019 3:33:44 PM



#2
 1,4-Dioxane
 Concen: 4.628 ng
 RT: 2.84 min Scan# 128
 Delta R.T. 0.01 min
 Lab File: BP000997.D
 Acq: 07 Nov 2019 11:08

Tgt Ion	Resp	Lower	Upper
88	26422		
88	100		
58	61.9	49.8	74.8
43	24.1	17.6	26.4





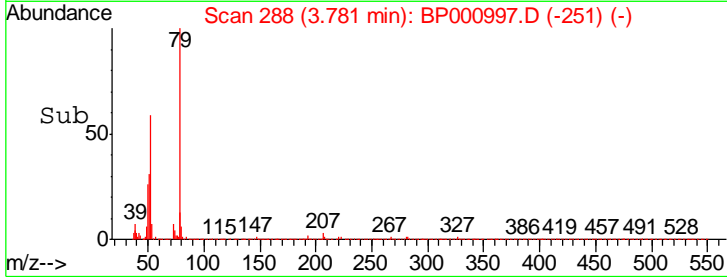
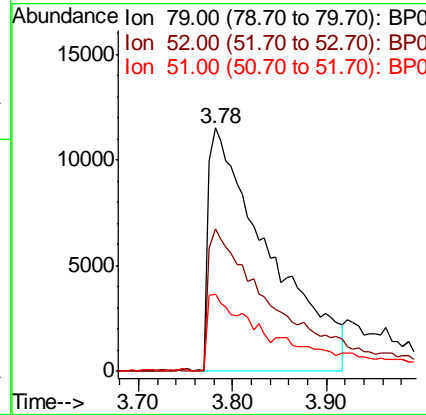
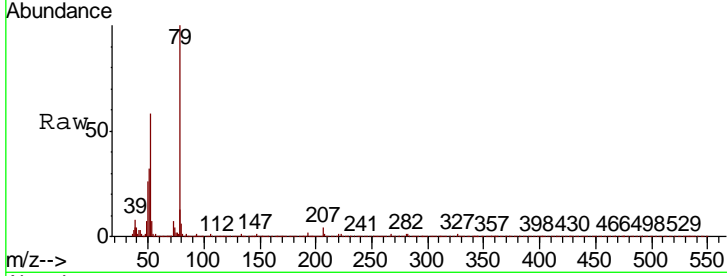
#3
 Pyridine
 Concen: 3.405 ng
 RT: 3.78 min Scan# 288
 Delta R.T. 0.12 min
 Lab File: BP000997.D
 Acq: 07 Nov 2019 11:08

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

Tgt Ion	Resp	Lower	Upper
79	100		
52	58.4	46.4	69.6
51	32.0	23.4	35.0

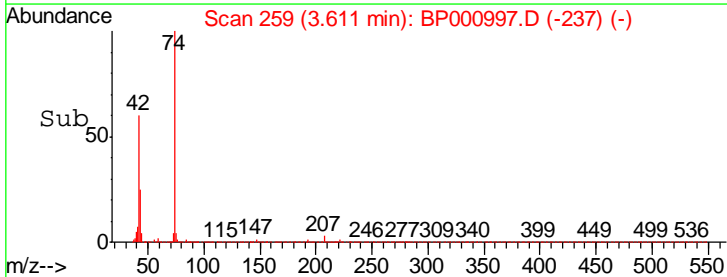
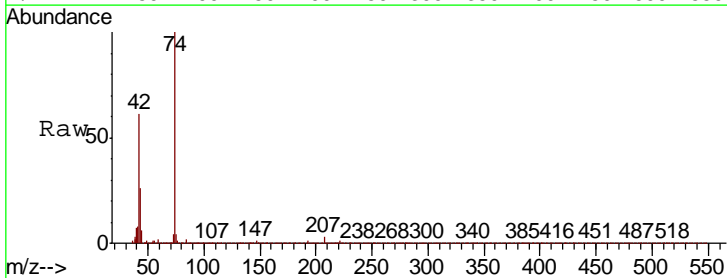
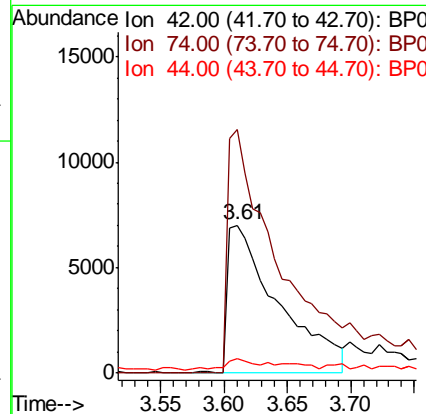
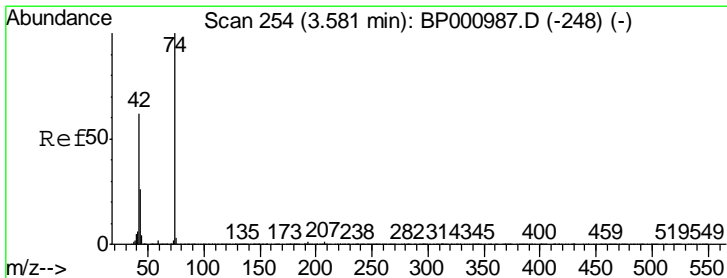
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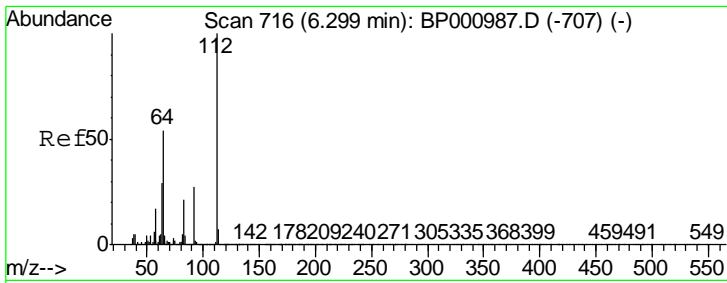
Sohil
 11/8/2019 3:33:44 PM



#4
 n-Nitrosodimethylamine
 Concen: 3.721 ng
 RT: 3.61 min Scan# 259
 Delta R.T. 0.03 min
 Lab File: BP000997.D
 Acq: 07 Nov 2019 11:08

Tgt Ion	Resp	Lower	Upper
42	100		
74	164.9	128.4	192.6
44	10.1	5.4	8.2#





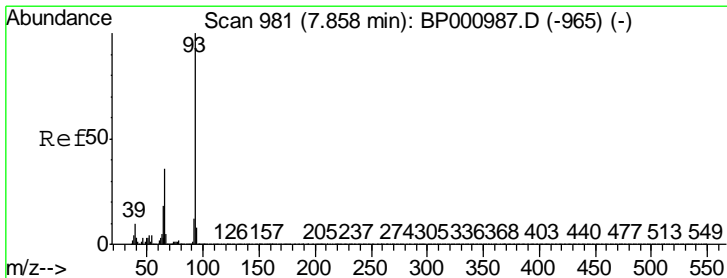
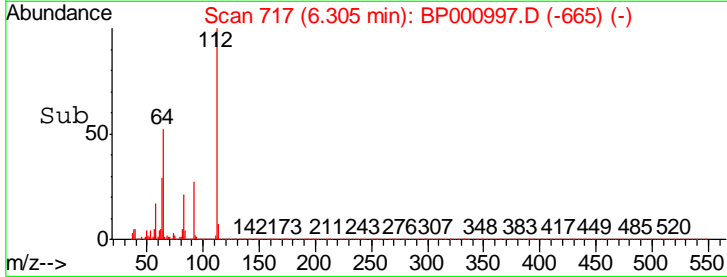
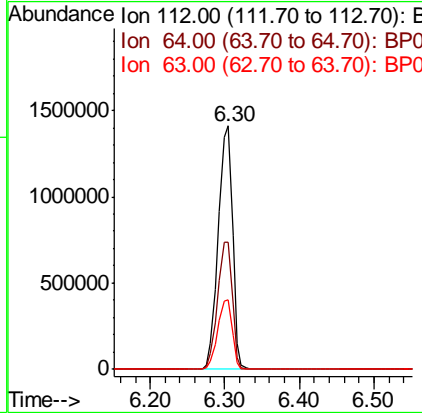
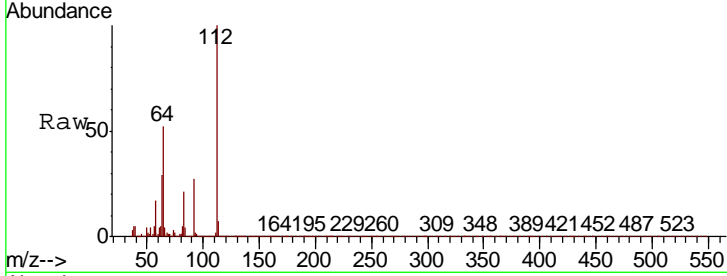
#5
 2-Fluorophenol
 Concen: 142.717 ng
 RT: 6.30 min Scan# 717
 Delta R.T. 0.01 min
 Lab File: BP000997.D
 Acq: 07 Nov 2019 11:08

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

Tgt Ion	Resp	Lower	Upper
112	1873867		
64	52.0	43.4	65.0
63	28.5	23.4	35.0

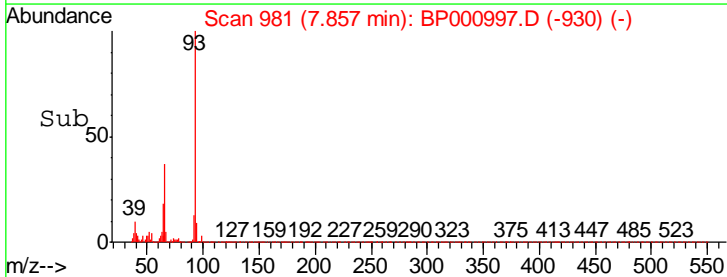
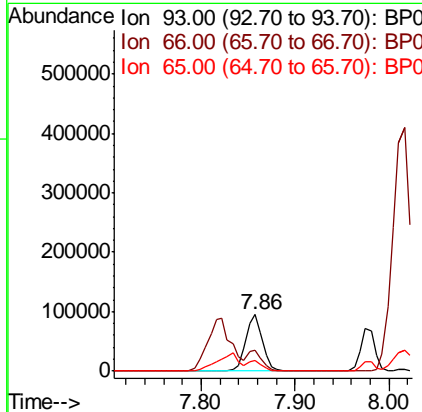
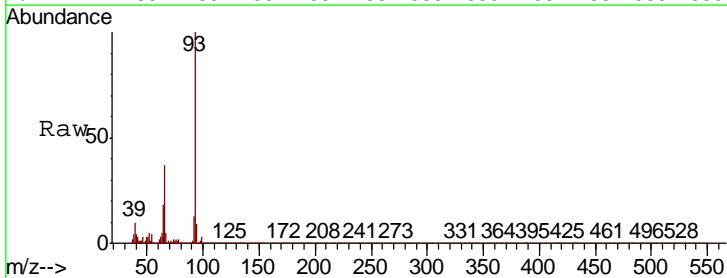
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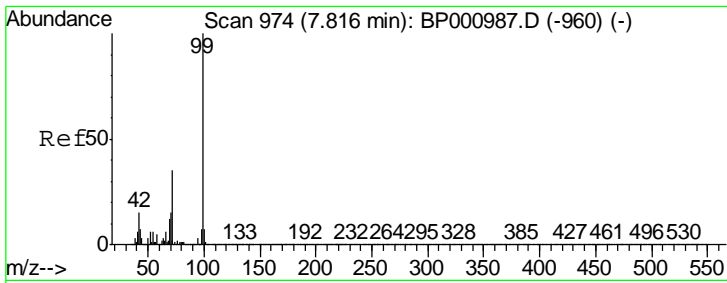
Sohil
 11/8/2019 3:33:44 PM



#6
 Aniline
 Concen: 5.397 ng
 RT: 7.86 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: BP000997.D
 Acq: 07 Nov 2019 11:08

Tgt Ion	Resp	Lower	Upper
93	117039		
66	36.9	29.1	43.7
65	18.1	14.6	21.8





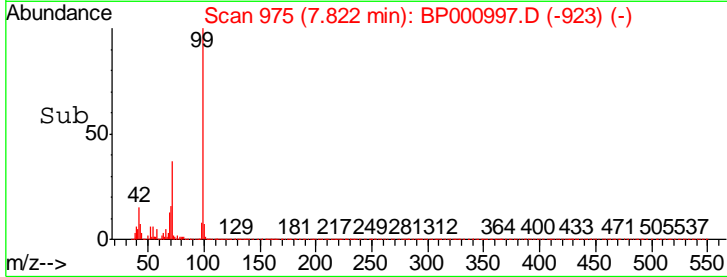
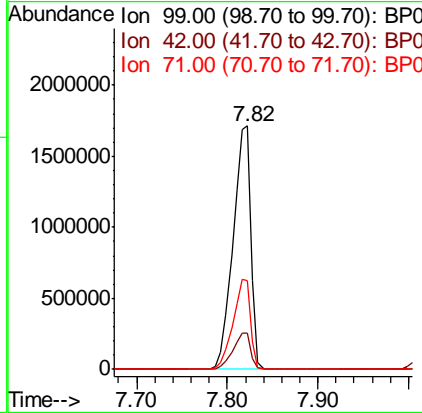
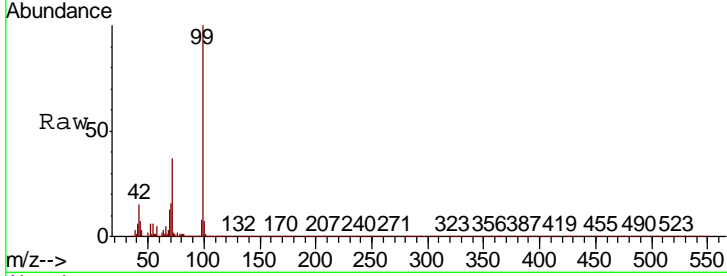
#7
 Phenol-d6
 Concen: 142.445 ng
 RT: 7.82 min Scan# 975
 Delta R.T. 0.01 min
 Lab File: BP000997.D
 Acq: 07 Nov 2019 11:08

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

Tgt Ion	Resp	Lower	Upper
99	100		
42	14.7	11.6	17.4
71	36.5	28.0	42.0

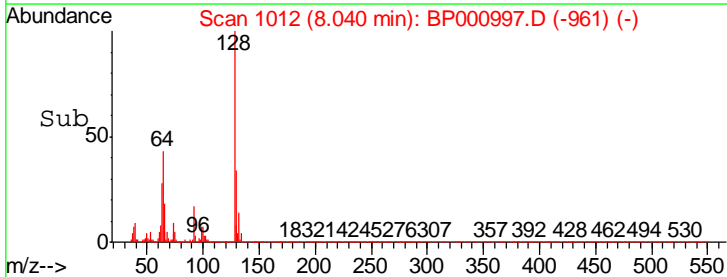
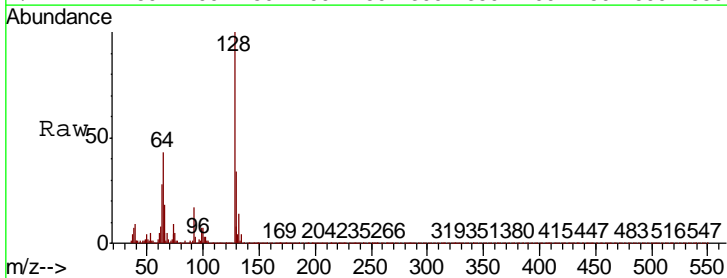
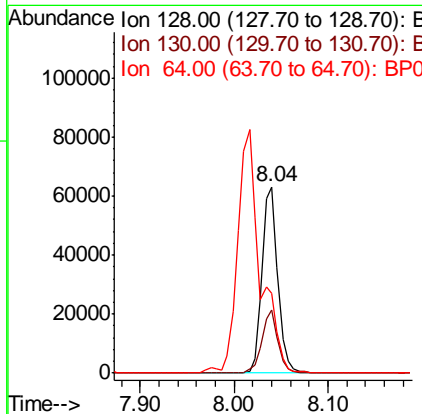
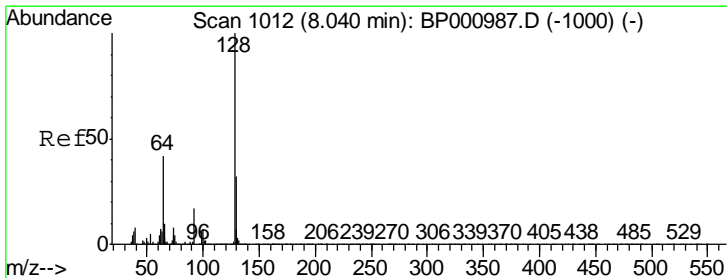
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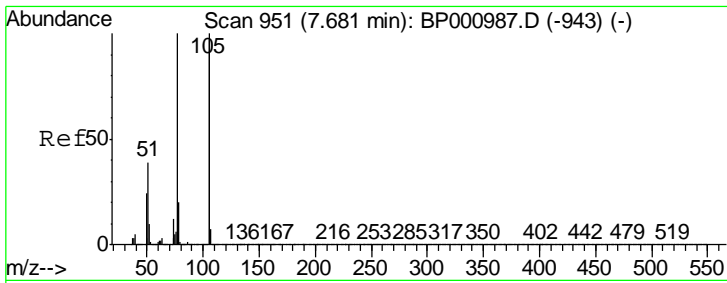
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#8
 2-Chlorophenol
 Concen: 5.286 ng
 RT: 8.04 min Scan# 1012
 Delta R.T. -0.00 min
 Lab File: BP000997.D
 Acq: 07 Nov 2019 11:08

Tgt Ion	Resp	Lower	Upper
128	100		
130	34.0	12.0	52.0
64	43.1	22.7	62.7



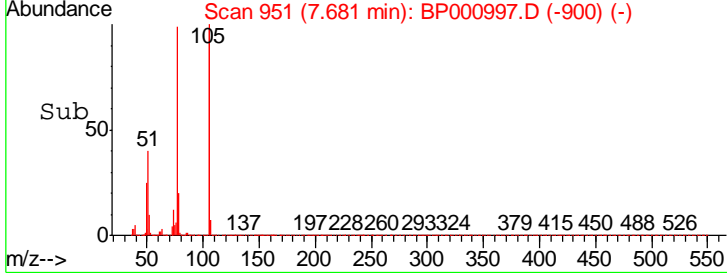
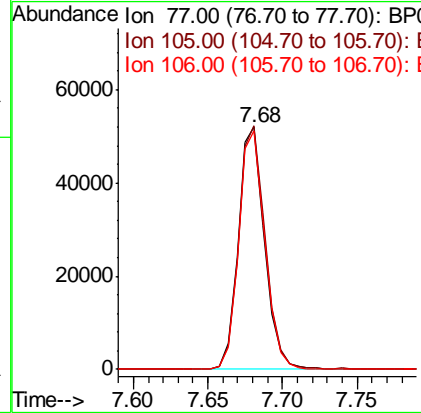
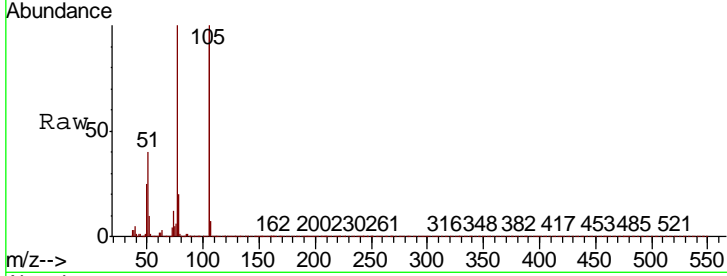


#9
Benzaldehyde
Concen: 5.484 ng
RT: 7.68 min Scan# 951
Delta R.T. -0.00 min
Lab File: BP000997.D
Acq: 07 Nov 2019 11:08

Tgt Ion	Resp	Lower	Upper
77	63536		
77	100		
105	100.5	80.0	120.0
106	98.3	76.9	116.9

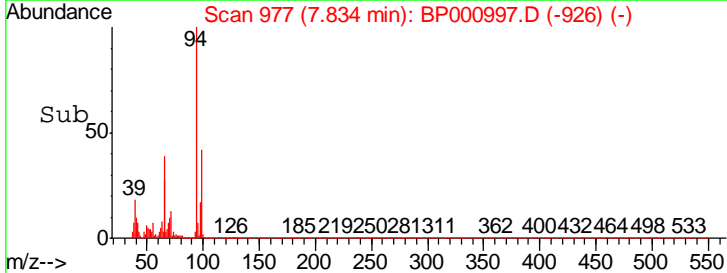
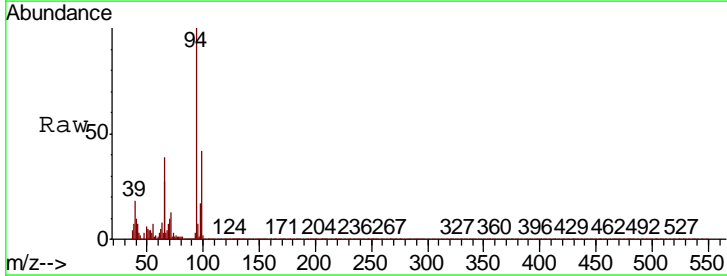
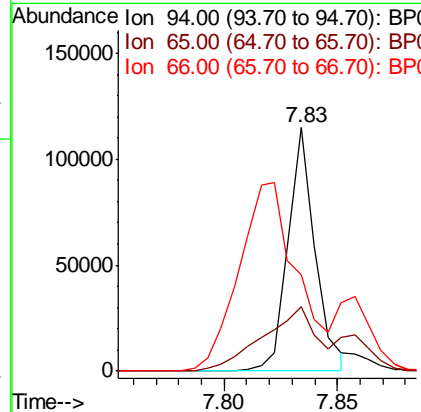
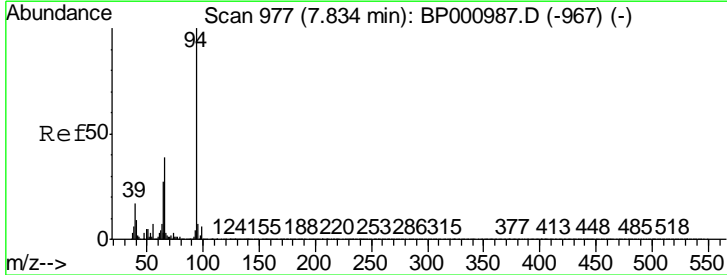
Instrument :
BNA_P
ClientSampled :
LOD-MDL-SOIL-01-QT4-2019

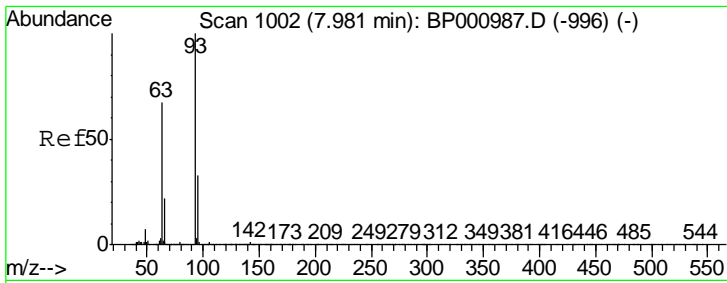
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#10
Phenol
Concen: 5.213 ng m
RT: 7.83 min Scan# 977
Delta R.T. -0.00 min
Lab File: BP000997.D
Acq: 07 Nov 2019 11:08

Tgt Ion	Resp	Lower	Upper
94	94678		
94	100		
65	26.6	6.7	46.7
66	39.5	18.6	58.6



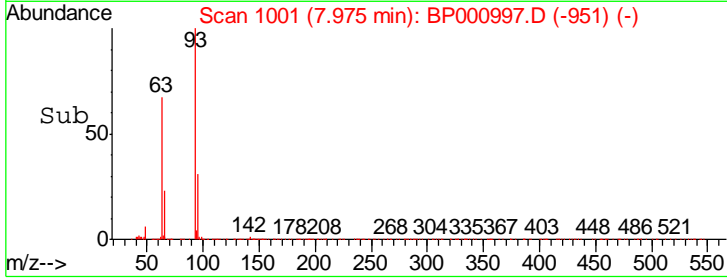
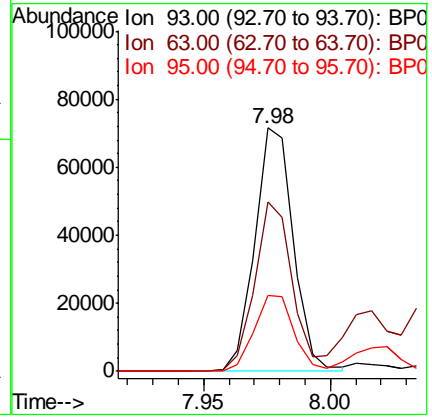
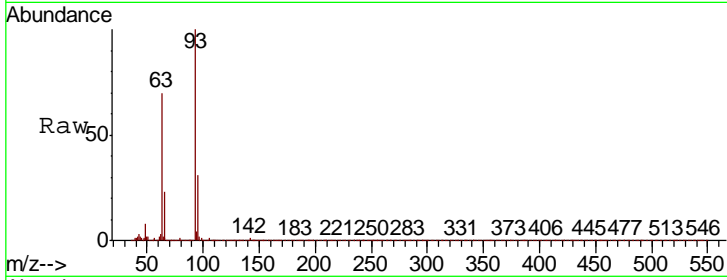


#11
 bis(2-Chloroethyl)ether
 Concen: 5.336 ng
 RT: 7.98 min Scan# 1001
 Delta R.T. -0.01 min
 Lab File: BP000997.D
 Acq: 07 Nov 2019 11:08

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

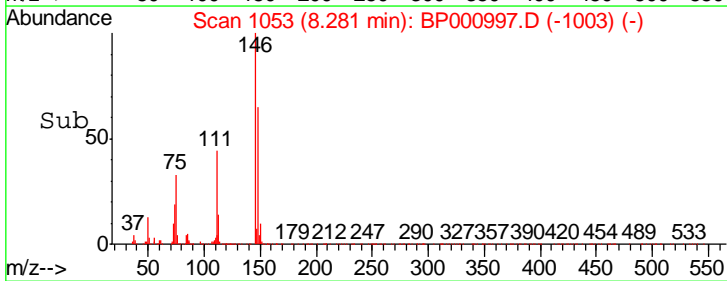
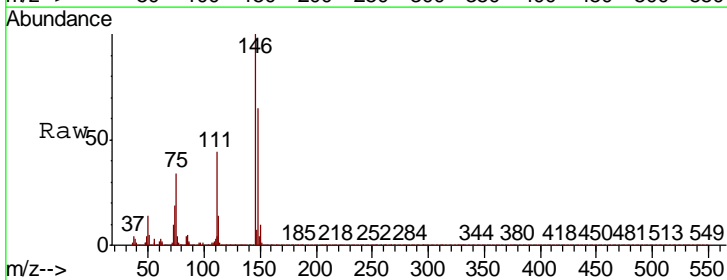
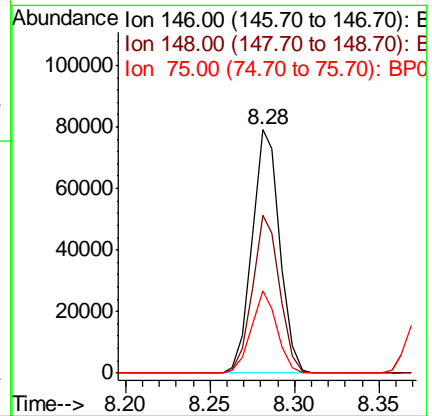
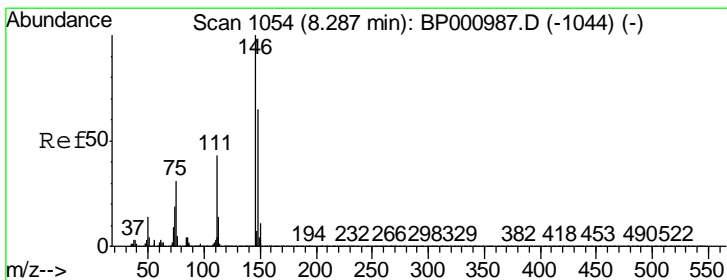
Tgt Ion	Resp	Lower	Upper
93	75435		
63	69.7	47.4	87.4
95	31.1	12.6	52.6

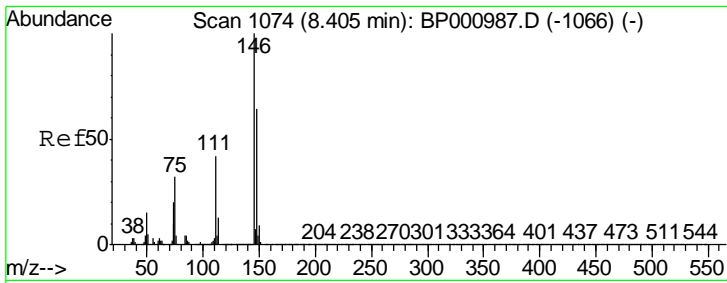
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#12
 1,3-Dichlorobenzene
 Concen: 5.150 ng
 RT: 8.28 min Scan# 1053
 Delta R.T. -0.01 min
 Lab File: BP000997.D
 Acq: 07 Nov 2019 11:08

Tgt Ion	Resp	Lower	Upper
146	89961		
148	64.8	52.3	78.5
75	34.0	24.6	37.0





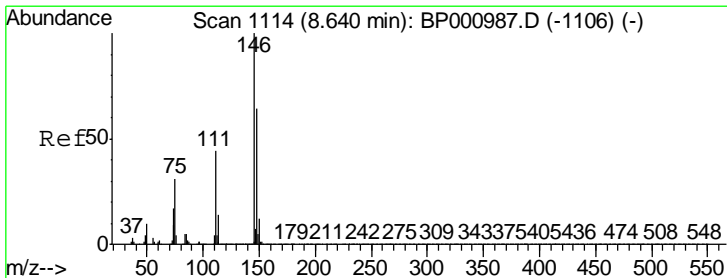
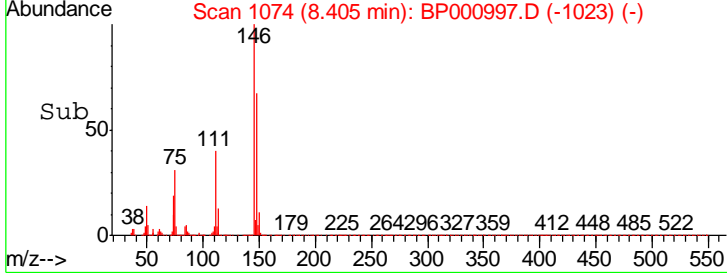
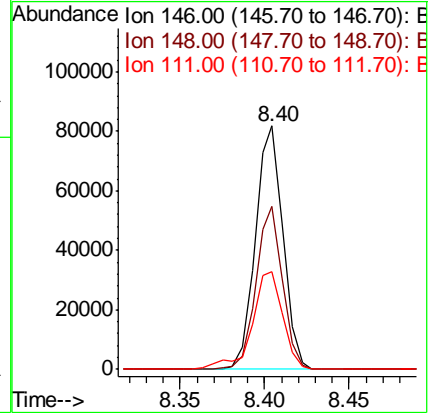
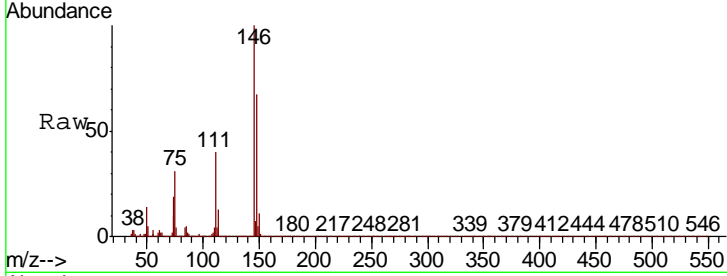
#13
 1,4-Dichlorobenzene
 Concen: 5.254 ng
 RT: 8.40 min Scan# 1074
 Delta R.T. -0.00 min
 Lab File: BP000997.D
 Acq: 07 Nov 2019 11:08

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

Tgt Ion	Resp	Lower	Upper
146	100		
148	66.9	51.5	77.3
111	40.3	33.8	50.6

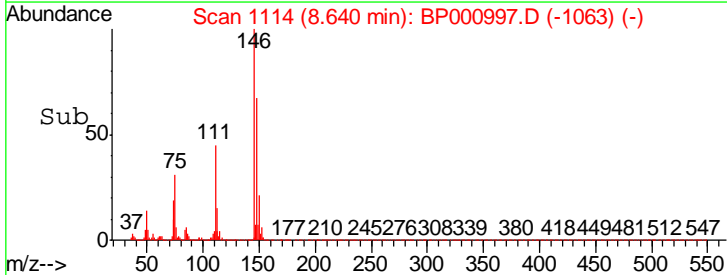
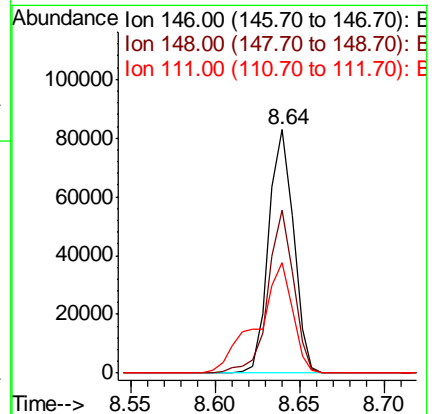
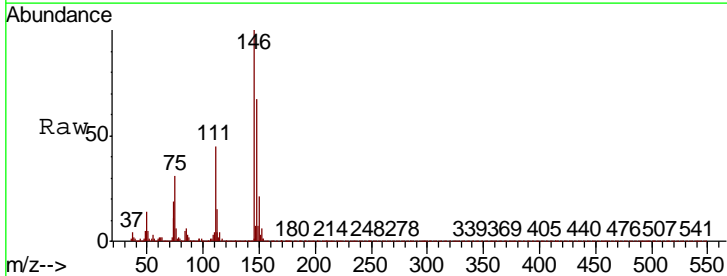
Manual Integrations
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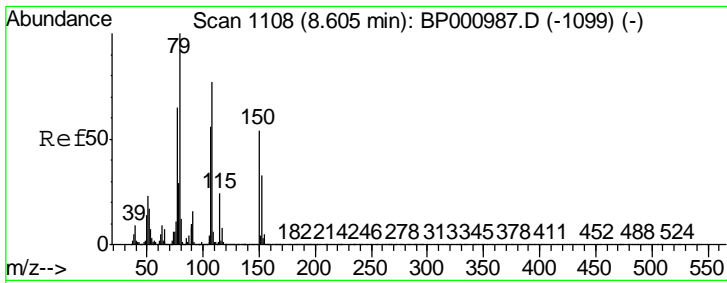
Sohil
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#14
 1,2-Dichlorobenzene
 Concen: 5.215 ng
 RT: 8.64 min Scan# 1114
 Delta R.T. -0.00 min
 Lab File: BP000997.D
 Acq: 07 Nov 2019 11:08

Tgt Ion	Resp	Lower	Upper
146	100		
148	66.8	51.4	77.0
111	45.3	35.6	53.4





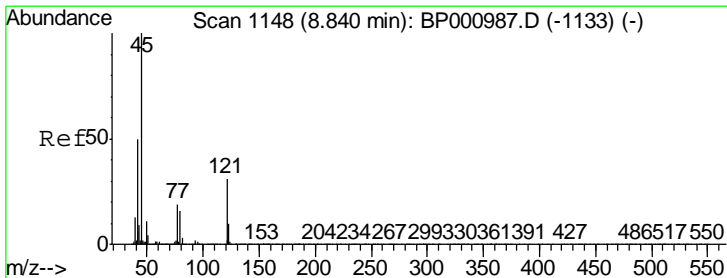
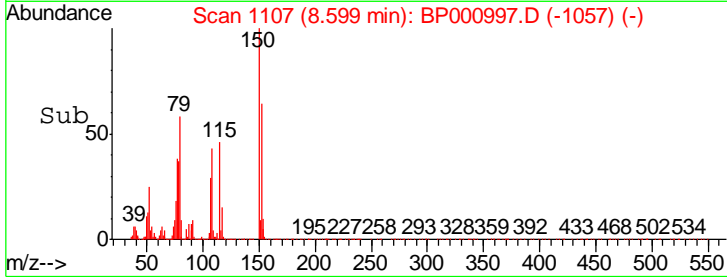
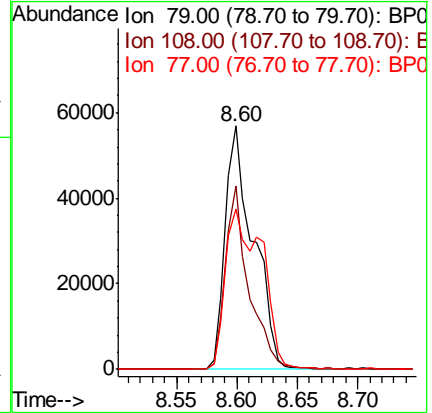
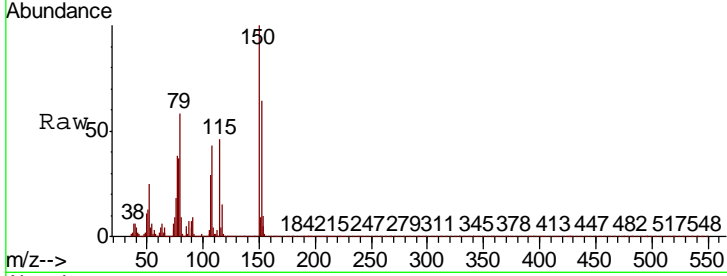
#15
Benzyl Alcohol
Concen: 7.283 ng
RT: 8.60 min Scan# 1107
Delta R.T. -0.01 min
Lab File: BP000997.D
Acq: 07 Nov 2019 11:08

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

Tgt Ion	Resp	Lower	Upper
79	100		
108	75.2	62.0	93.0
77	65.7	51.9	77.9

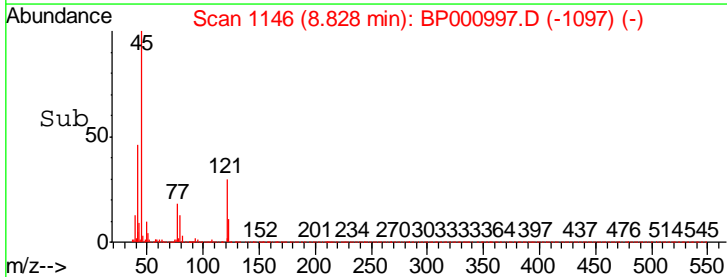
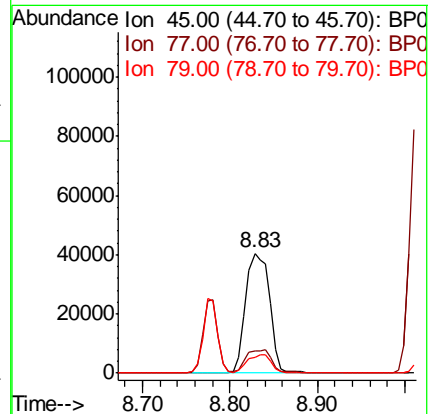
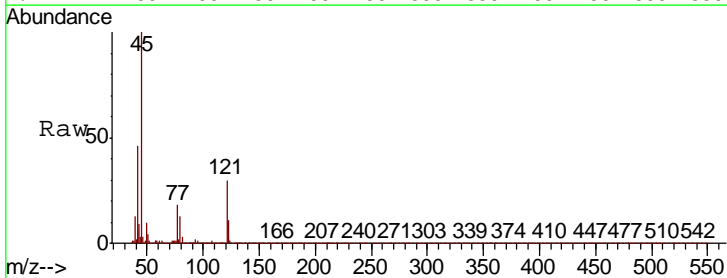
Manual Integrations
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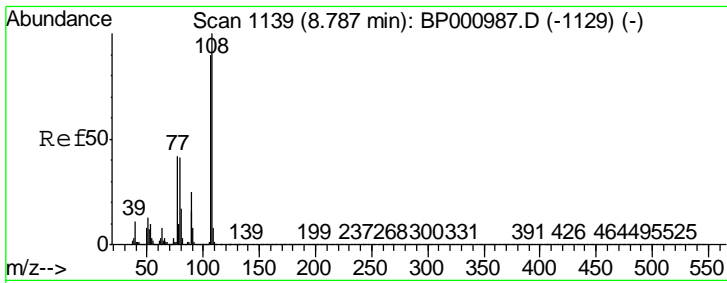
Sohil
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 5.061 ng
RT: 8.83 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BP000997.D
Acq: 07 Nov 2019 11:08

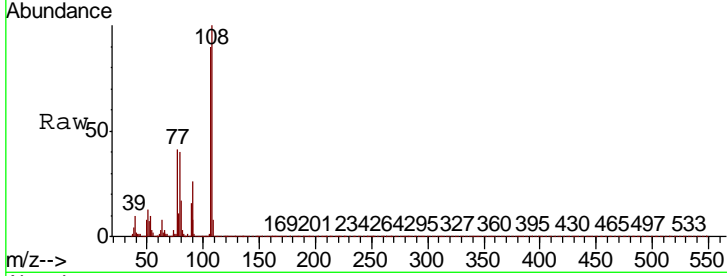
Tgt Ion	Resp	Lower	Upper
45	100		
77	18.0	0.0	39.1
79	13.5	0.0	35.9





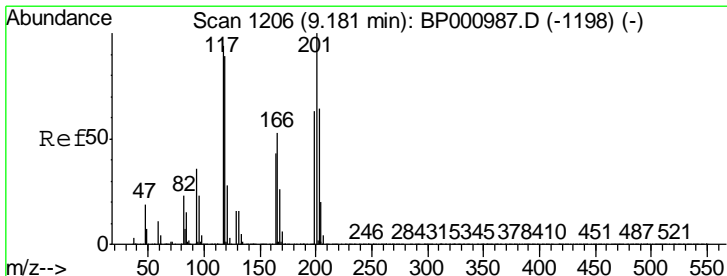
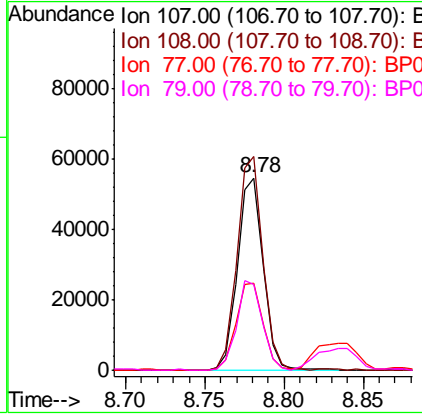
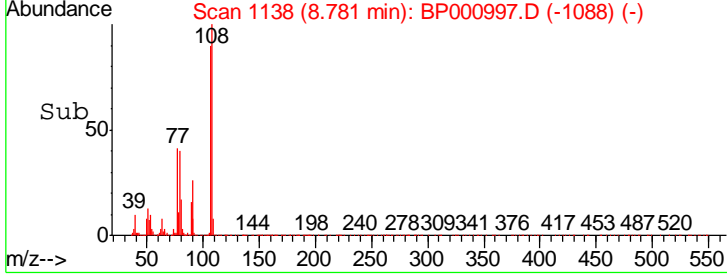
#17
 2-Methylphenol
 Concen: 5.189 ng
 RT: 8.78 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: BP000997.D
 Acq: 07 Nov 2019 11:08

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

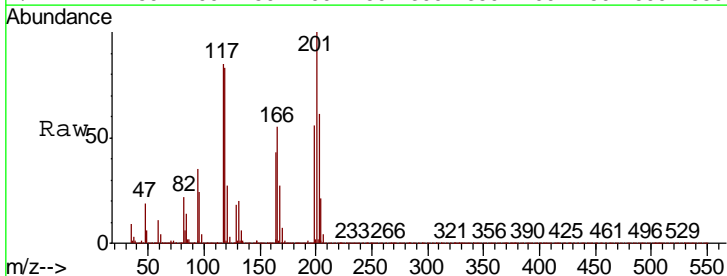


Tgt Ion	Resp	Lower	Upper
107	61343		
107	100		
108	111.2	89.3	133.9
77	45.6	37.2	55.8
79	44.4	37.0	55.4

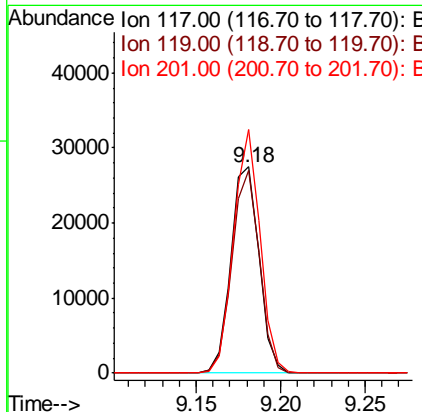
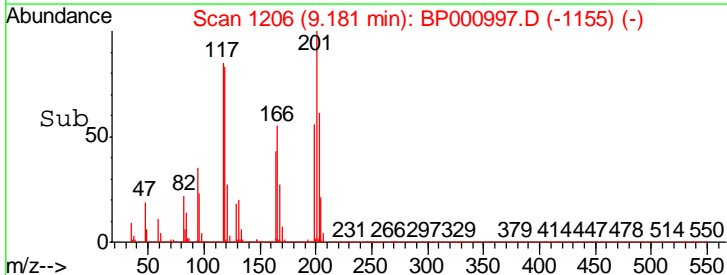
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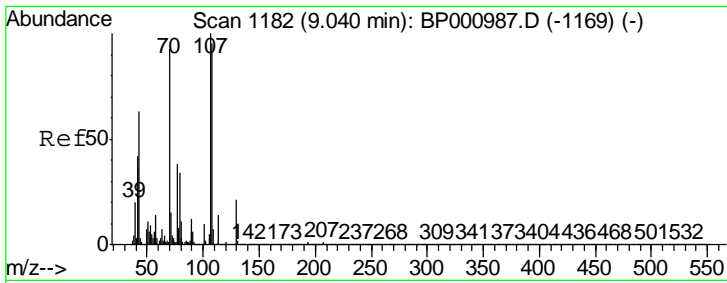


#18
 Hexachloroethane
 Concen: 4.937 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. -0.00 min
 Lab File: BP000997.D
 Acq: 07 Nov 2019 11:08



Tgt Ion	Resp	Lower	Upper
117	31907		
117	100		
119	98.1	75.5	113.3
201	118.0	84.9	127.3





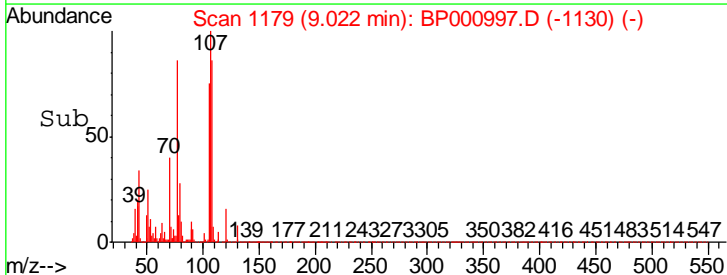
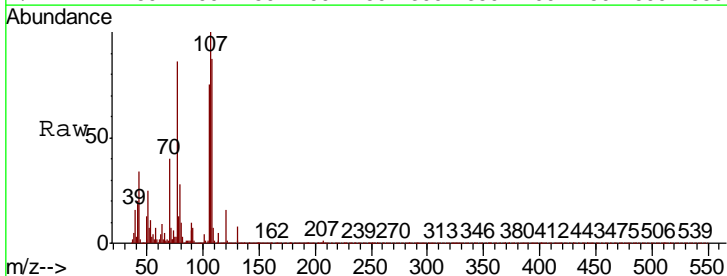
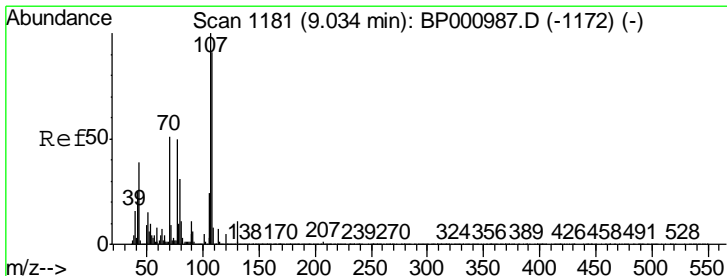
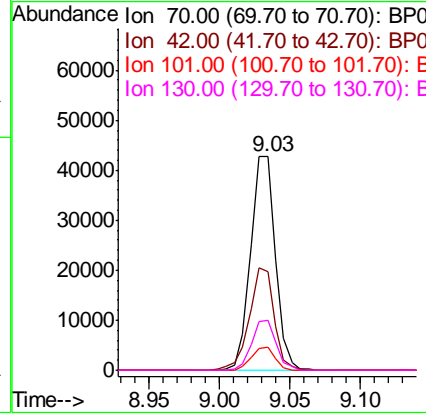
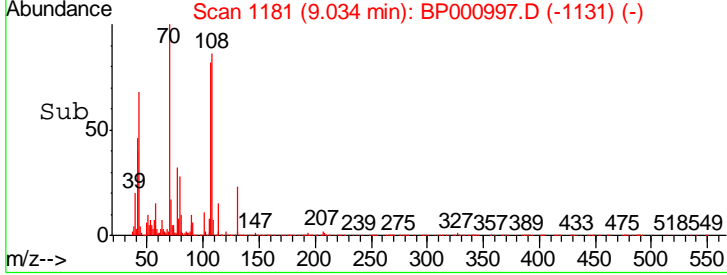
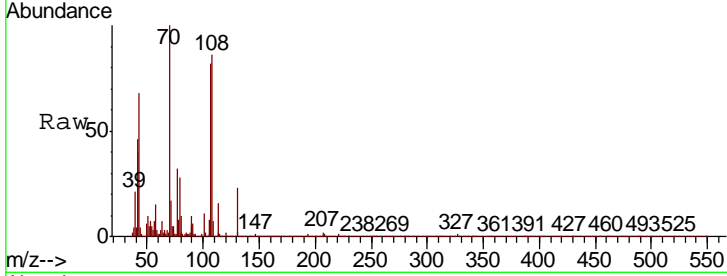
#19
 n-Nitroso-di-n-propylamine
 Concen: 5.299 ng
 RT: 9.03 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: BP000997.D
 Acq: 07 Nov 2019 11:08

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

Tgt Ion	Resp	Lower	Upper
70	100		
42	46.5	36.3	54.5
101	10.6	8.7	13.1
130	23.2	18.0	27.0

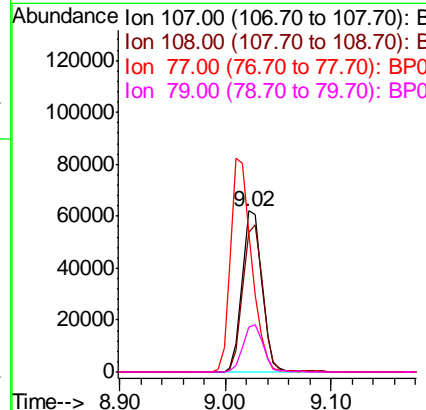
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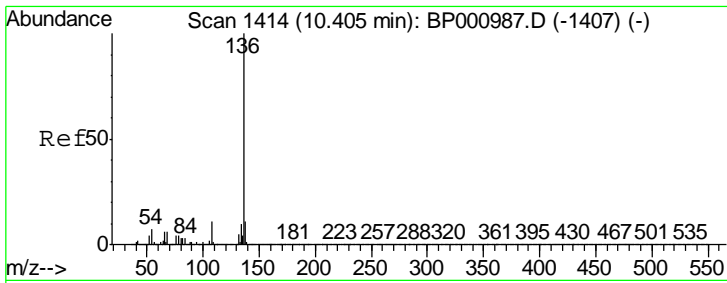
Sohil
 11/8/2019 3:33:44 PM



#20
 3+4-Methylphenols
 Concen: 5.500 ng
 RT: 9.02 min Scan# 1179
 Delta R.T. -0.01 min
 Lab File: BP000997.D
 Acq: 07 Nov 2019 11:08

Tgt Ion	Resp	Lower	Upper
107	100		
108	86.6	71.1	111.1
77	86.4	29.8	69.8#
79	27.9	11.1	51.1





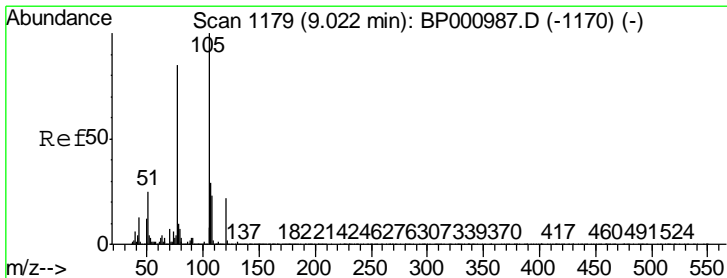
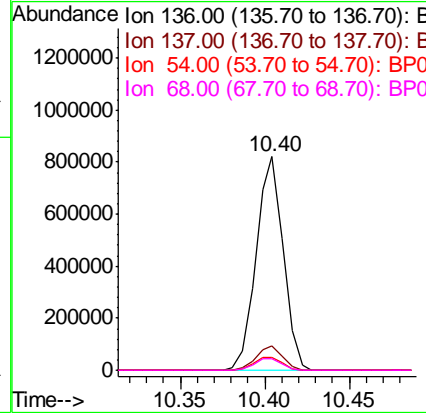
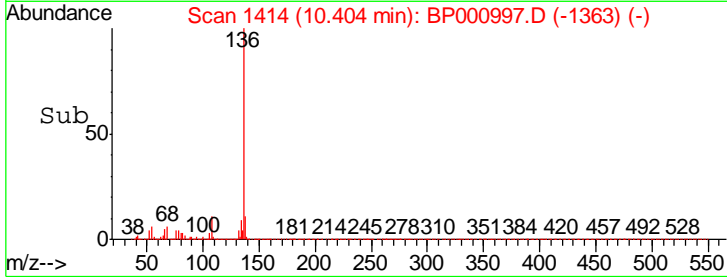
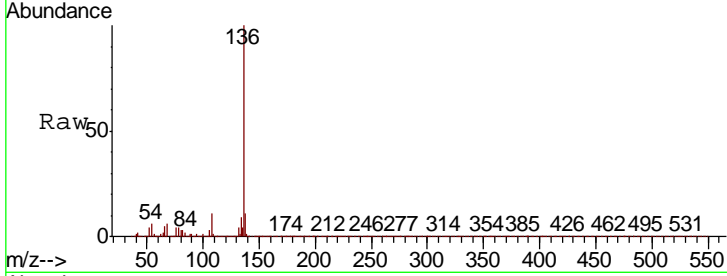
#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 10.40 min Scan# 1414
 Delta R.T. -0.00 min
 Lab File: BP000997.D
 Acq: 07 Nov 2019 11:08

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

Tgt Ion	Resp	Lower	Upper
136	100		
137	11.1	9.0	13.6
54	6.3	5.4	8.2
68	5.5	4.7	7.1

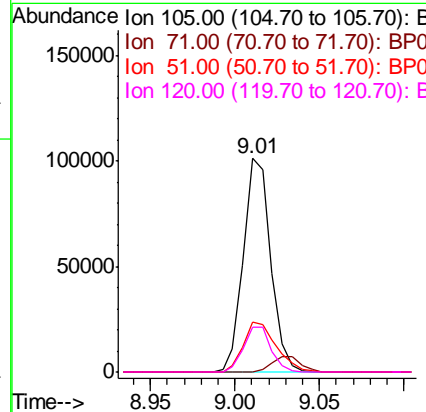
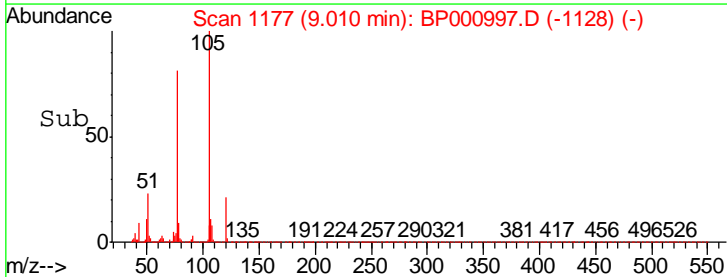
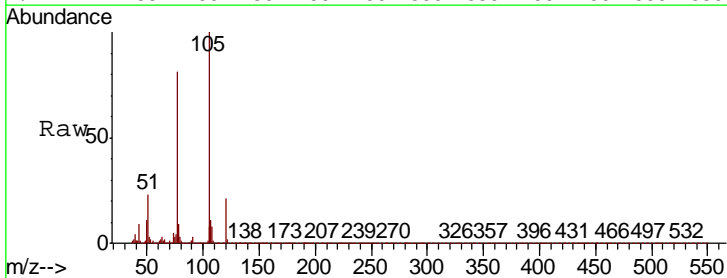
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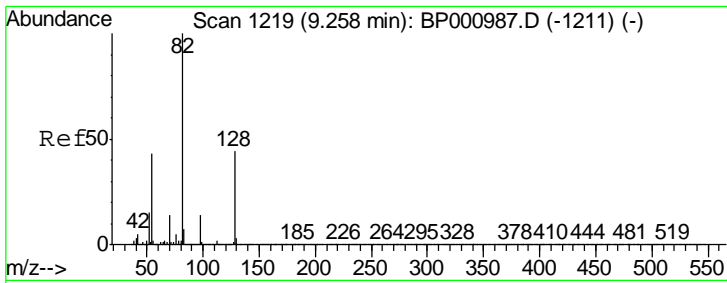
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#22
 Acetophenone
 Concen: 4.830 ng
 RT: 9.01 min Scan# 1177
 Delta R.T. -0.01 min
 Lab File: BP000997.D
 Acq: 07 Nov 2019 11:08

Tgt Ion	Resp	Lower	Upper
105	100		
71	0.3	1.0	1.4#
51	23.2	19.9	29.9
120	21.2	17.8	26.6





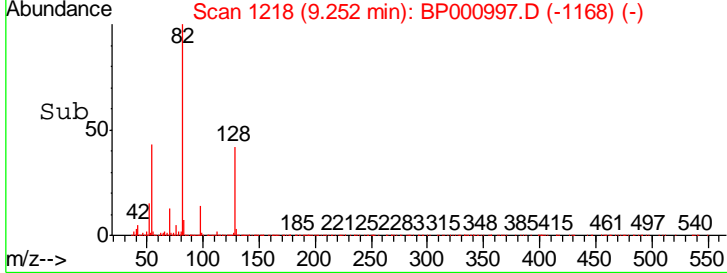
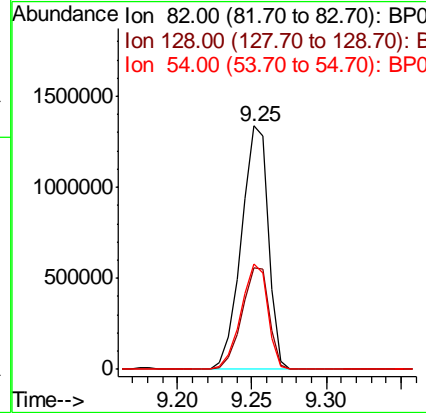
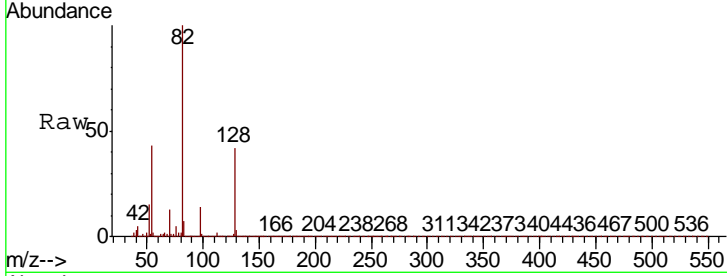
#23
 Nitrobenzene-d5
 Concen: 101.421 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. -0.01 min
 Lab File: BP000997.D
 Acq: 07 Nov 2019 11:08

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

Tgt Ion	Resp	Lower	Upper
82	1683453		
82	100		
128	41.8	35.3	52.9
54	43.3	34.3	51.5

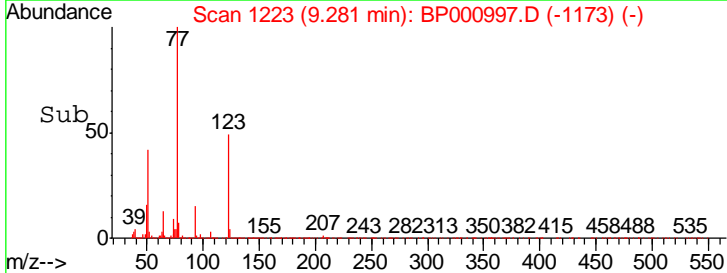
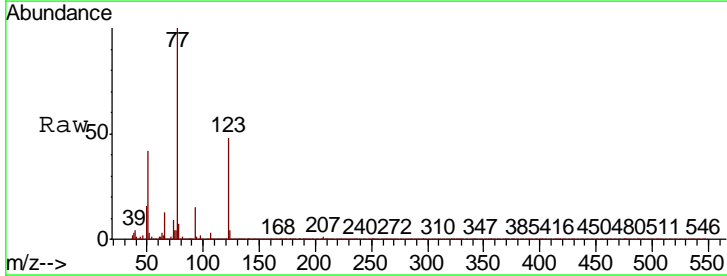
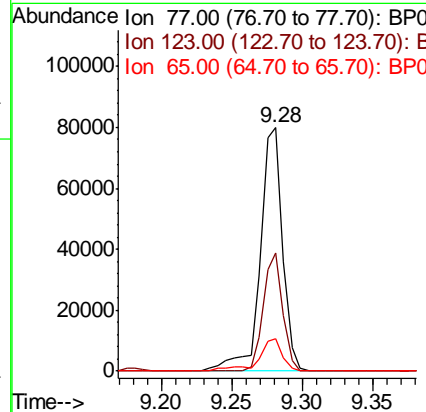
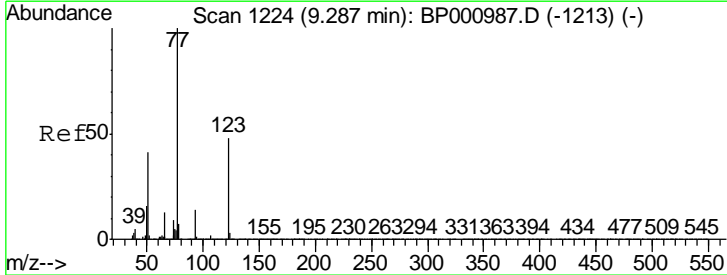
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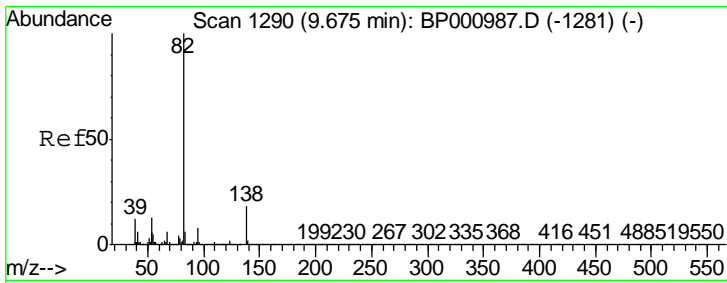
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#24
 Nitrobenzene
 Concen: 5.325 ng
 RT: 9.28 min Scan# 1223
 Delta R.T. -0.01 min
 Lab File: BP000997.D
 Acq: 07 Nov 2019 11:08

Tgt Ion	Resp	Lower	Upper
77	88692		
77	100		
123	48.5	38.1	57.1
65	13.4	10.2	15.2



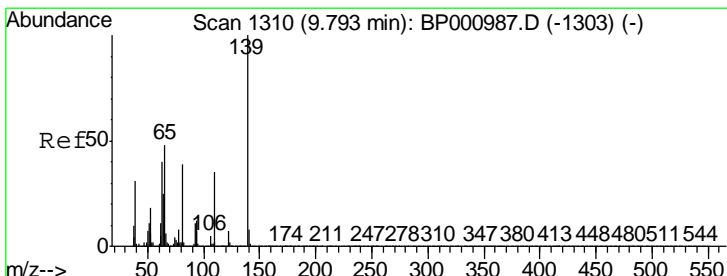
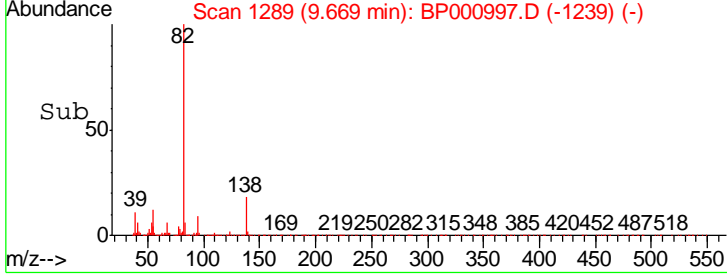
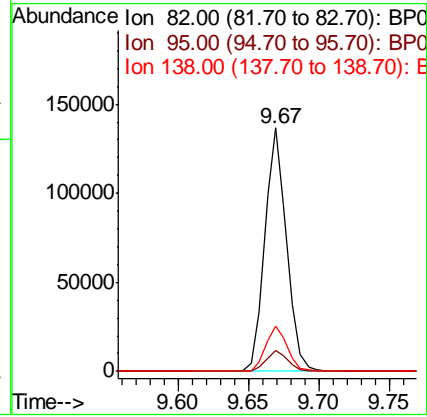
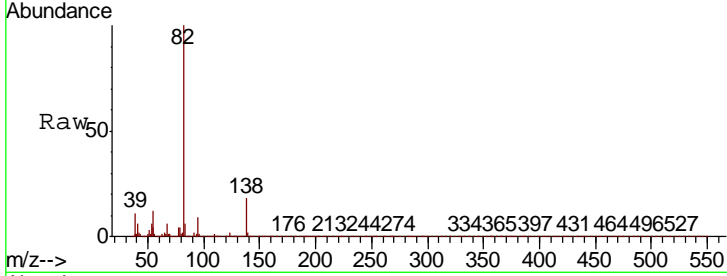


#25
 Isophorone
 Concen: 4.844 ng
 RT: 9.67 min Scan# 1289
 Delta R.T. -0.01 min
 Lab File: BP000997.D
 Acq: 07 Nov 2019 11:08

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

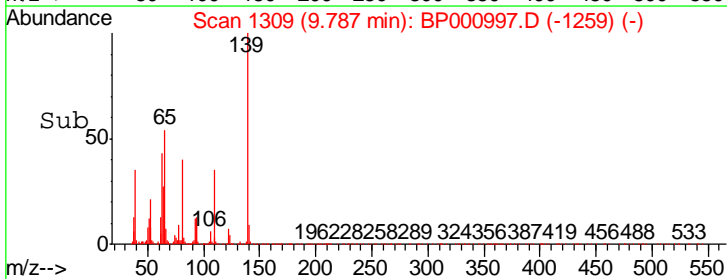
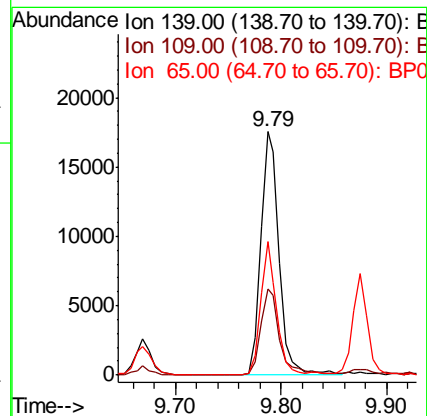
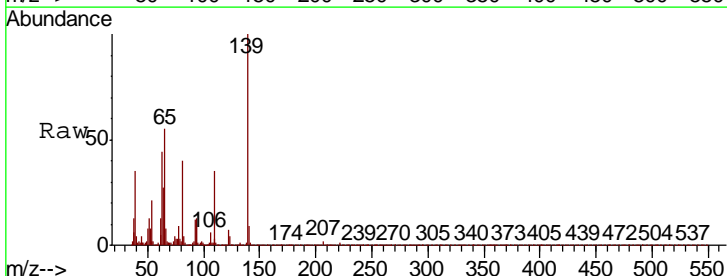
Tgt Ion	Resp	Lower	Upper
82	147984		
95	8.6	6.2	9.4
138	18.4	14.2	21.4

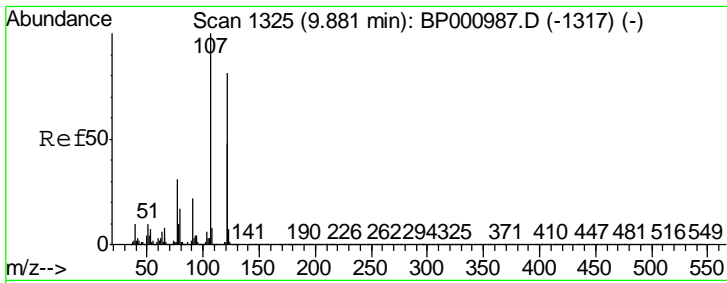
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#26
 2-Nitrophenol
 Concen: 3.441 ng
 RT: 9.79 min Scan# 1309
 Delta R.T. -0.01 min
 Lab File: BP000997.D
 Acq: 07 Nov 2019 11:08

Tgt Ion	Resp	Lower	Upper
139	21418		
109	35.3	27.7	41.5
65	54.9	38.2	57.4





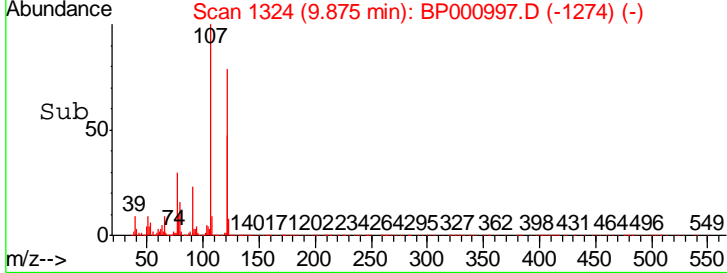
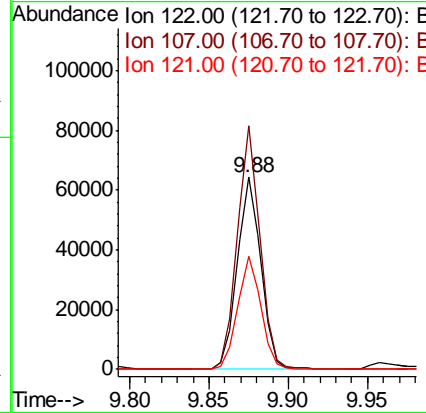
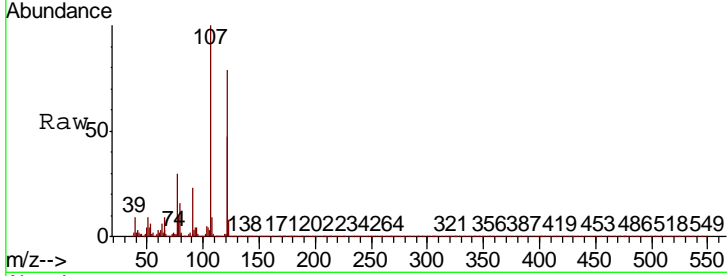
#27
 2,4-Dimethylphenol
 Concen: 5.707 ng
 RT: 9.88 min Scan# 1324
 Delta R.T. -0.01 min
 Lab File: BP000997.D
 Acq: 07 Nov 2019 11:08

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

Tgt Ion	Ratio	Lower	Upper
122	100		
107	126.8	99.3	148.9
121	59.2	47.9	71.9

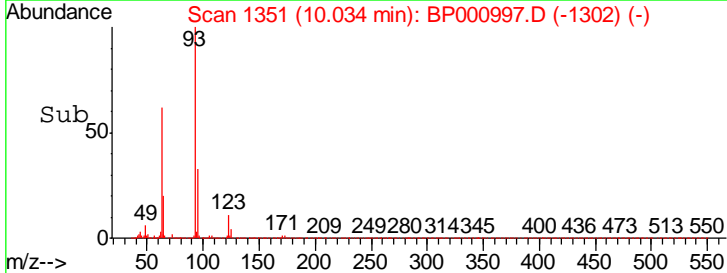
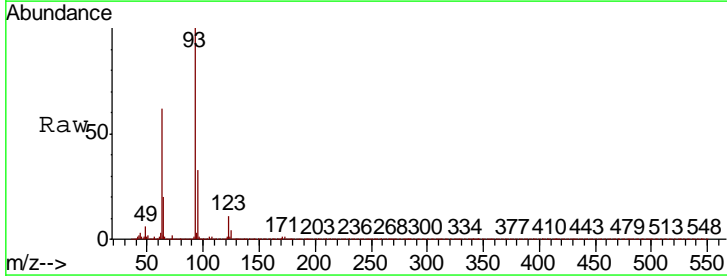
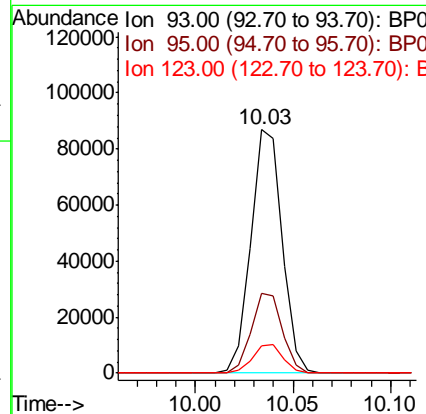
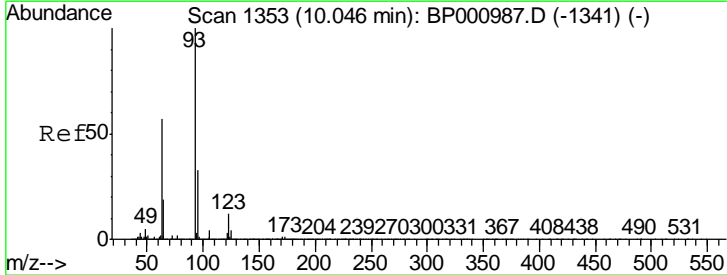
Manual Integrations
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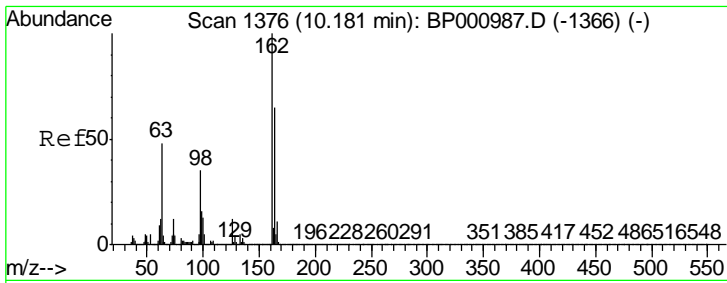
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#28
 bis(2-Chloroethoxy)methane
 Concen: 4.830 ng
 RT: 10.03 min Scan# 1351
 Delta R.T. -0.01 min
 Lab File: BP000997.D
 Acq: 07 Nov 2019 11:08

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.9	26.1	39.1
123	11.1	9.6	14.4





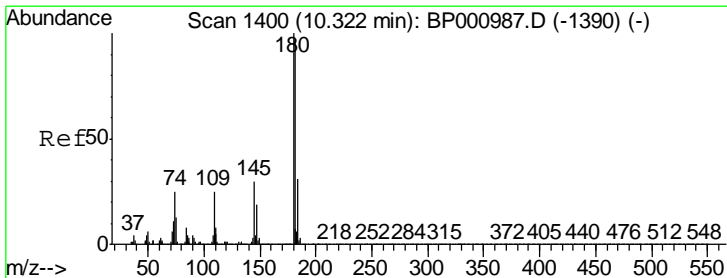
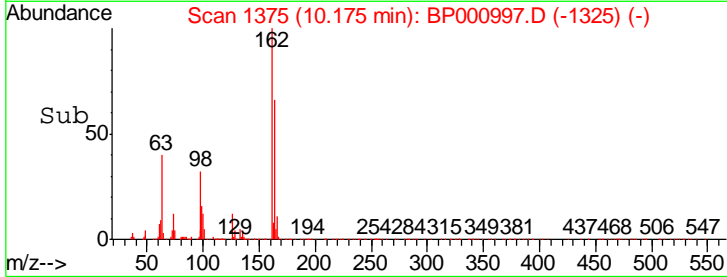
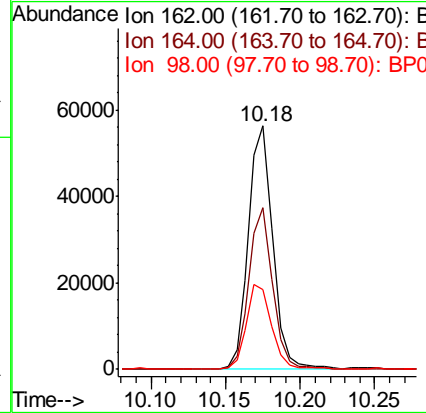
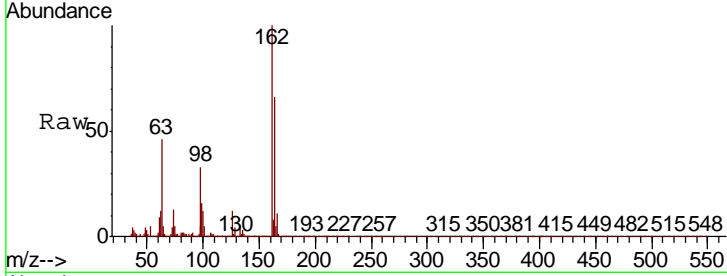
#29
 2,4-Dichlorophenol
 Concen: 4.529 ng
 RT: 10.18 min Scan# 1375
 Delta R.T. -0.01 min
 Lab File: BP000997.D
 Acq: 07 Nov 2019 11:08

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

Tgt Ion	Resp	Lower	Upper
162	63707		
164	66.5	44.5	84.5
98	32.9	15.2	55.2

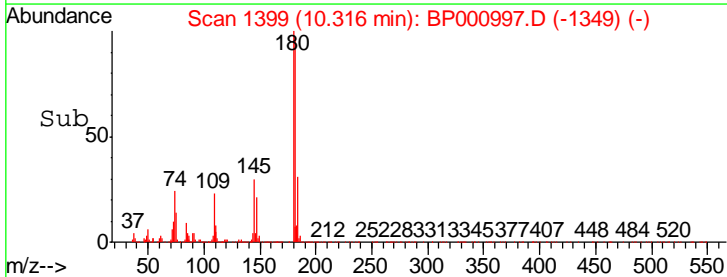
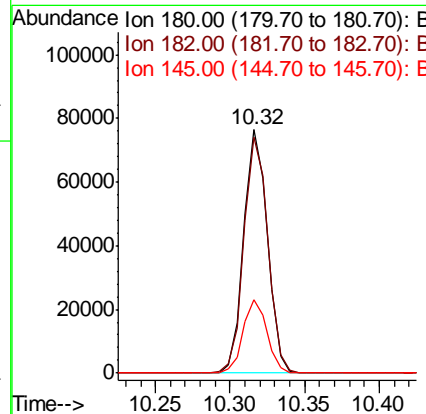
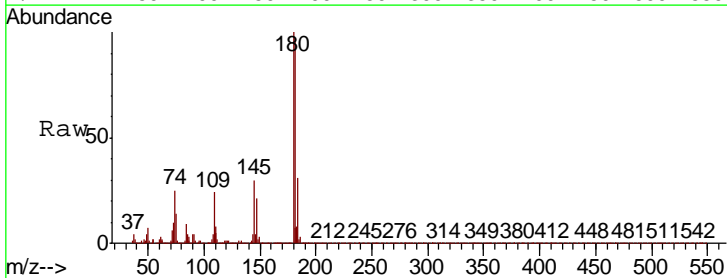
Manual Integrations
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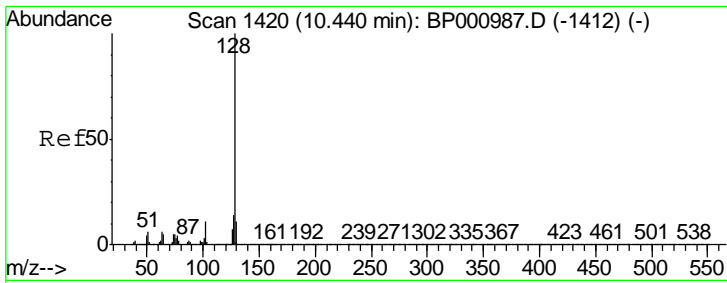
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#30
 1,2,4-Trichlorobenzene
 Concen: 4.887 ng
 RT: 10.32 min Scan# 1399
 Delta R.T. -0.01 min
 Lab File: BP000997.D
 Acq: 07 Nov 2019 11:08

Tgt Ion	Resp	Lower	Upper
180	84466		
182	96.9	77.8	116.6
145	30.4	24.2	36.4





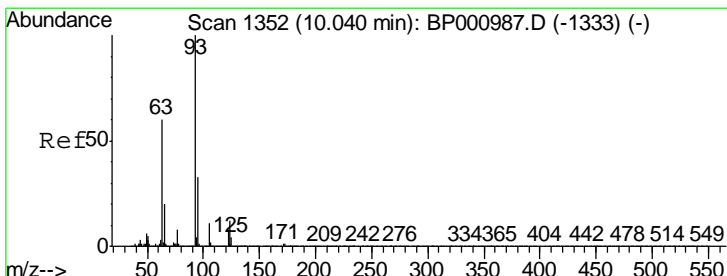
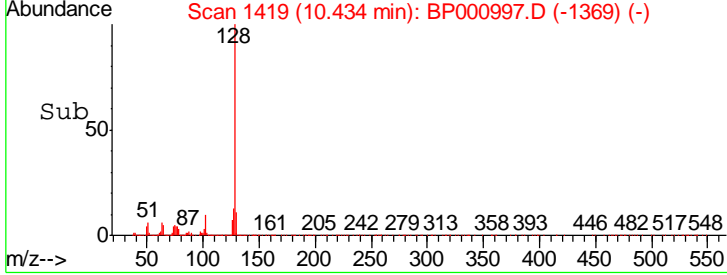
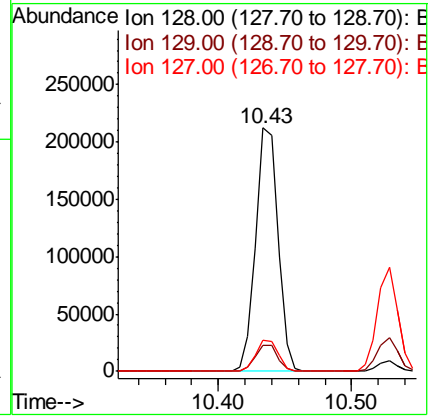
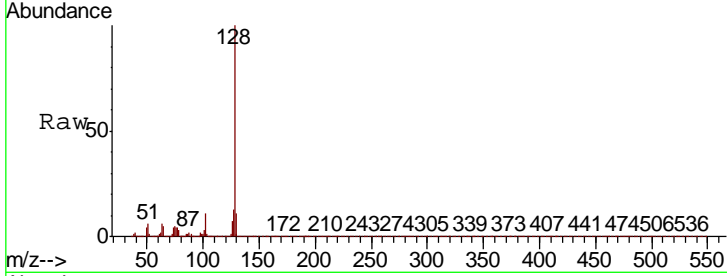
#31
 Naphthalene
 Concen: 5.282 ng
 RT: 10.43 min Scan# 1419
 Delta R.T. -0.01 min
 Lab File: BP000997.D
 Acq: 07 Nov 2019 11:08

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

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.7	13.1
127	12.8	10.8	16.2

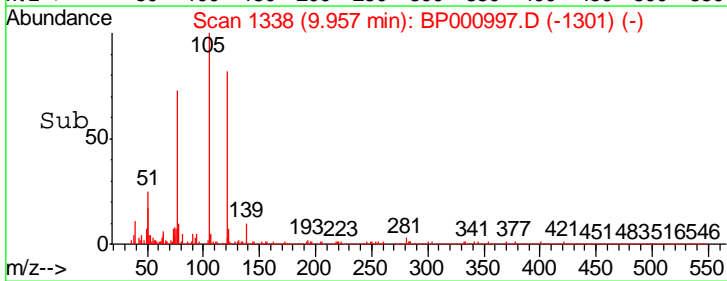
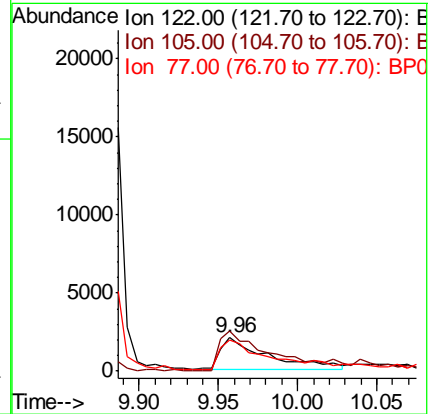
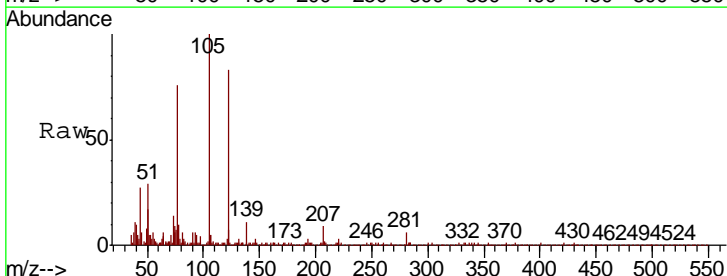
Manual Integrations
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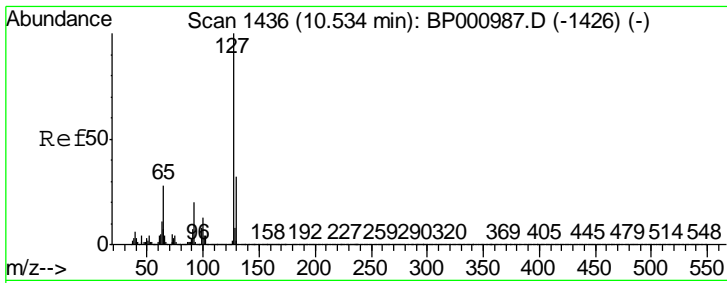
Sohil
 11/8/2019 3:33:44 PM



#32
 Benzoic acid
 Concen: 0.685 ng
 RT: 9.96 min Scan# 1338
 Delta R.T. -0.08 min
 Lab File: BP000997.D
 Acq: 07 Nov 2019 11:08

Tgt Ion	Ratio	Lower	Upper
122	100		
105	120.5	110.5	150.5
77	91.3	77.9	117.9





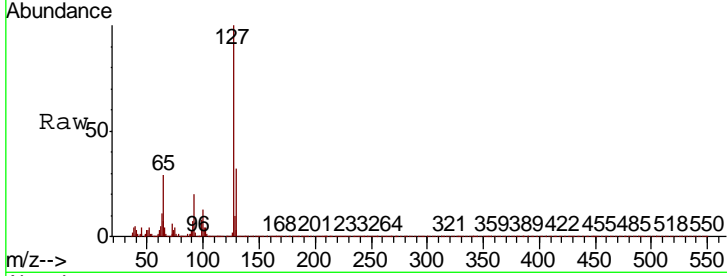
#33
 4-Chloroaniline
 Concen: 4.890 ng
 RT: 10.53 min Scan# 1435
 Delta R.T. -0.01 min
 Lab File: BP000997.D
 Acq: 07 Nov 2019 11:08

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

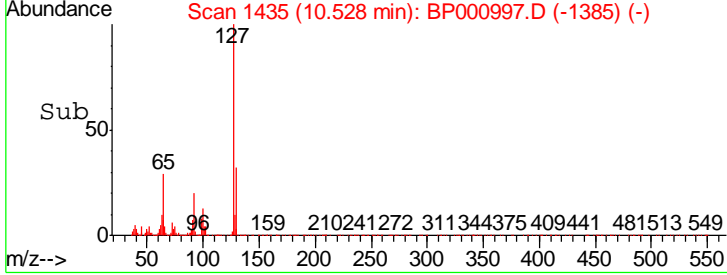
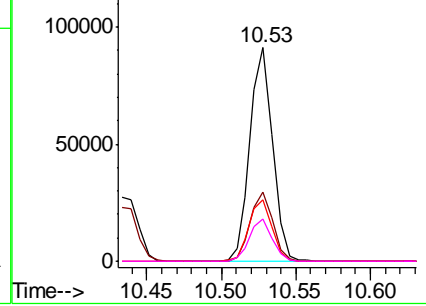
Tgt Ion	Resp	Lower	Upper
127	100		
129	32.4	25.8	38.6
65	28.6	22.7	34.1
92	19.9	15.8	23.6

Manual Integrations
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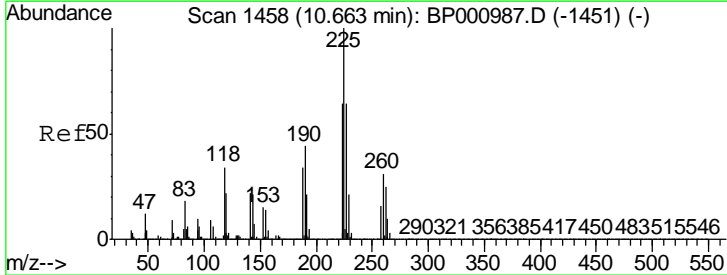


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BP
 Ion 92.00 (91.70 to 92.70): BP

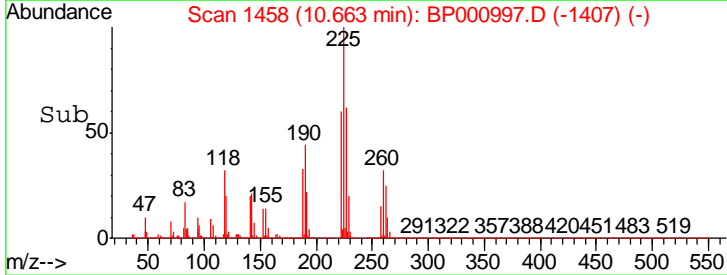
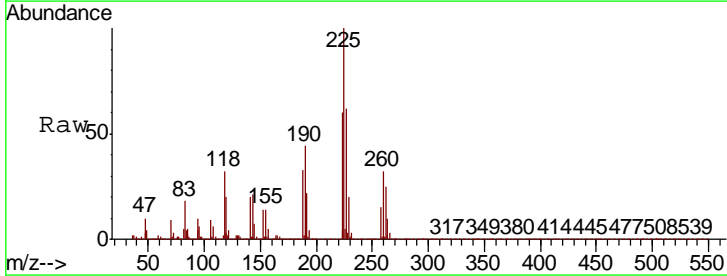
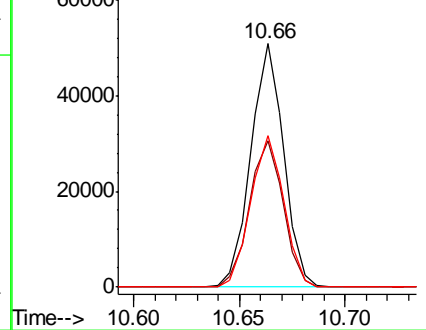


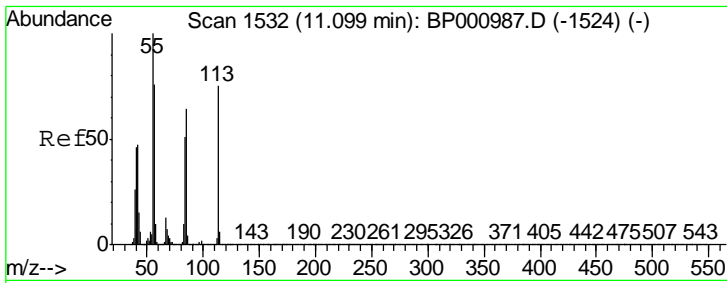
#34
 Hexachlorobutadiene
 Concen: 4.806 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.00 min
 Lab File: BP000997.D
 Acq: 07 Nov 2019 11:08

Tgt Ion	Resp	Lower	Upper
225	100		
223	60.4	51.1	76.7
227	62.2	51.4	77.2



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





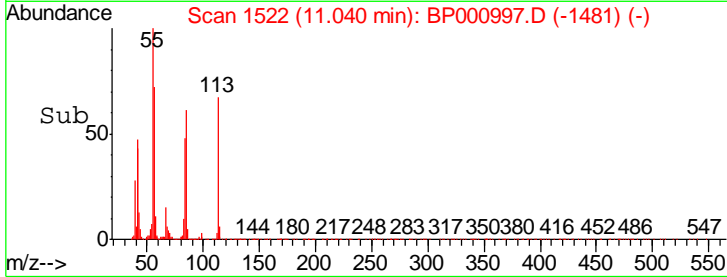
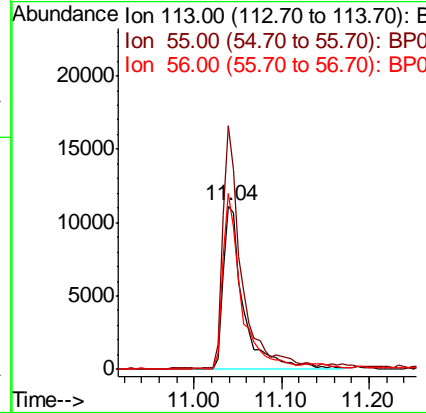
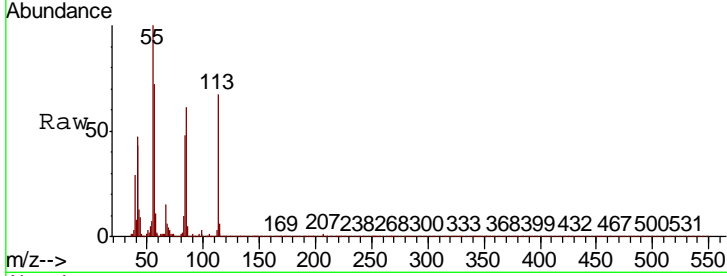
#35
 Caprolactam
 Concen: 4.062 ng
 RT: 11.04 min Scan# 1522
 Delta R.T. -0.06 min
 Lab File: BP000997.D
 Acq: 07 Nov 2019 11:08

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

Tgt Ion	Resp	Lower	Upper
113	18037		
55	148.8	114.2	154.2
56	107.7	81.9	121.9

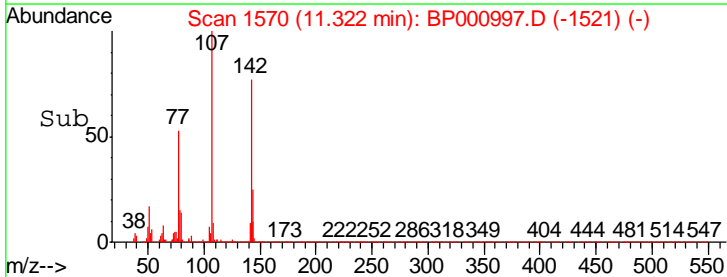
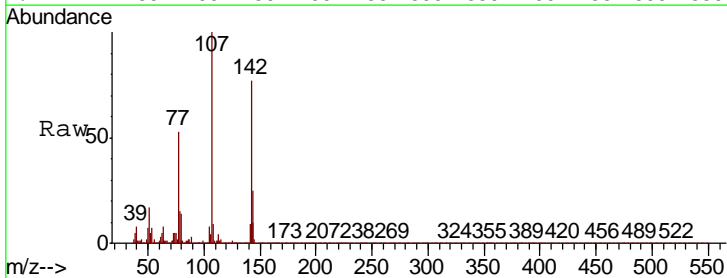
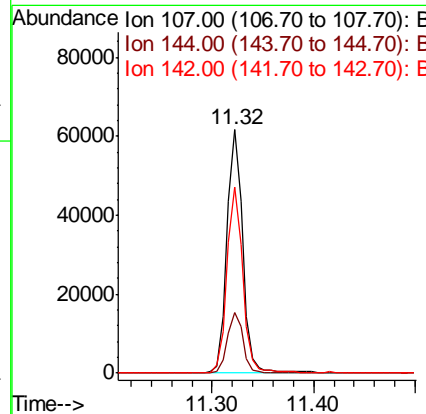
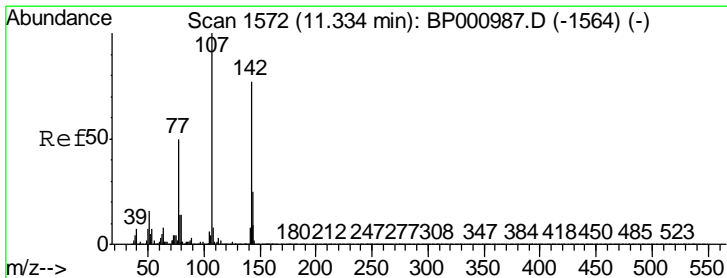
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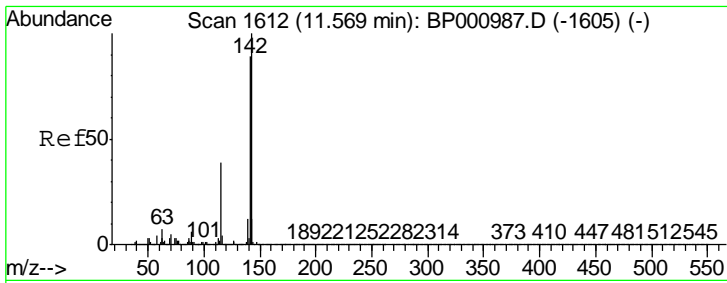
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#36
 4-Chloro-3-methylphenol
 Concen: 4.598 ng
 RT: 11.32 min Scan# 1570
 Delta R.T. -0.01 min
 Lab File: BP000997.D
 Acq: 07 Nov 2019 11:08

Tgt Ion	Resp	Lower	Upper
107	67173		
144	24.9	20.0	30.0
142	76.6	61.9	92.9





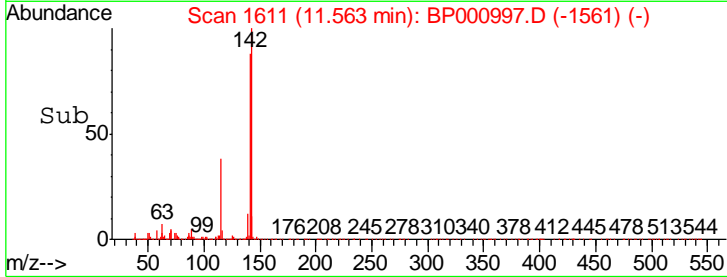
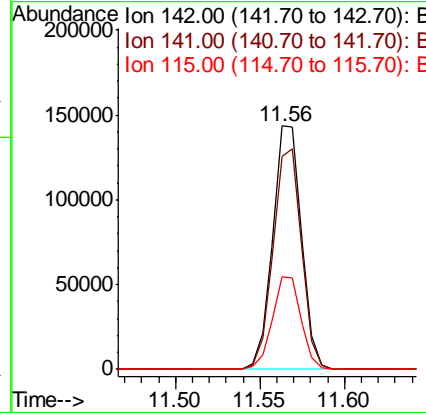
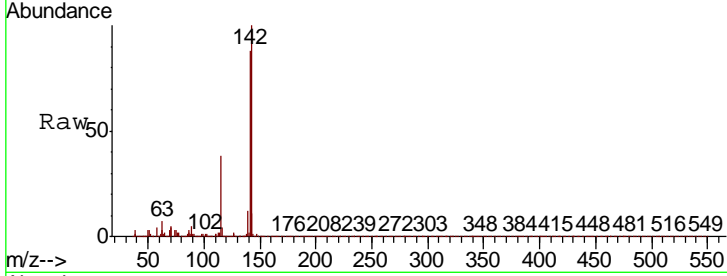
#37
 2-Methylnaphthalene
 Concen: 5.269 ng
 RT: 11.56 min Scan# 1611
 Delta R.T. -0.01 min
 Lab File: BP000997.D
 Acq: 07 Nov 2019 11:08

Instrument : BNA_P
 Client Sampled : LOD-MDL-SOIL-01-QT4-2019

Tgt Ion	Resp	Lower	Upper
142	169192		
141	87.6	71.5	107.3
115	38.0	30.8	46.2

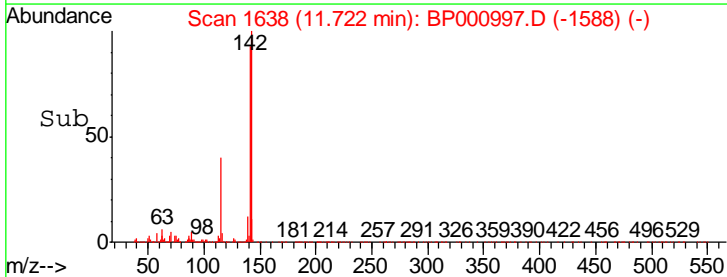
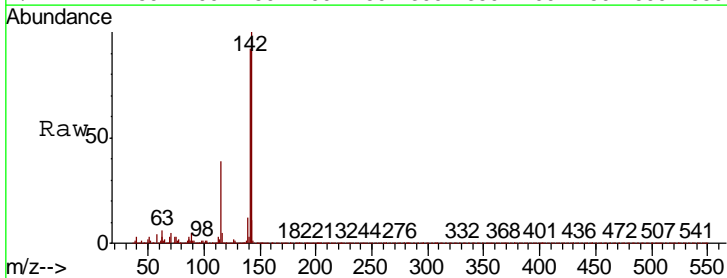
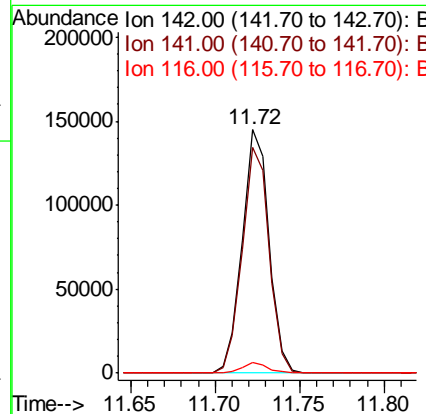
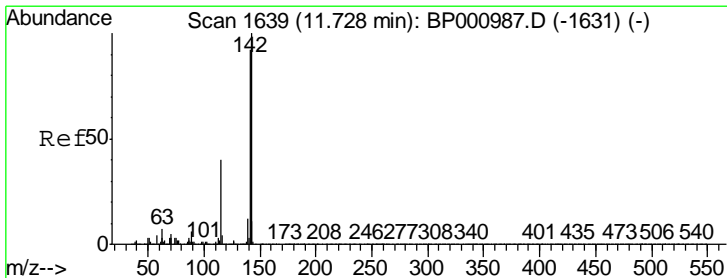
Manual Integrations
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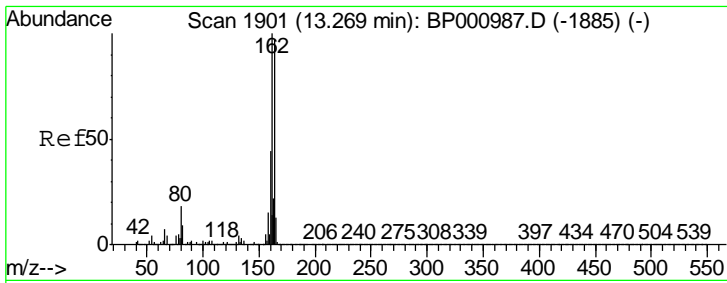
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#38
 1-Methylnaphthalene
 Concen: 5.266 ng
 RT: 11.72 min Scan# 1638
 Delta R.T. -0.01 min
 Lab File: BP000997.D
 Acq: 07 Nov 2019 11:08

Tgt Ion	Resp	Lower	Upper
142	159774		
141	92.5	73.9	110.9
116	4.5	3.4	5.0



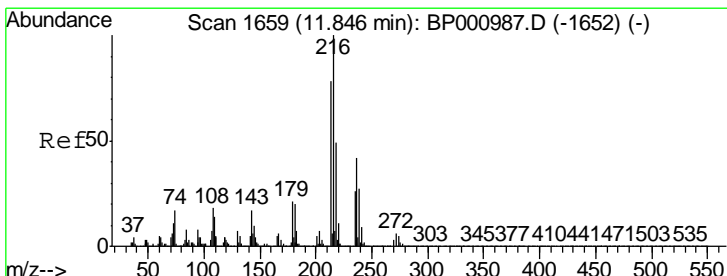
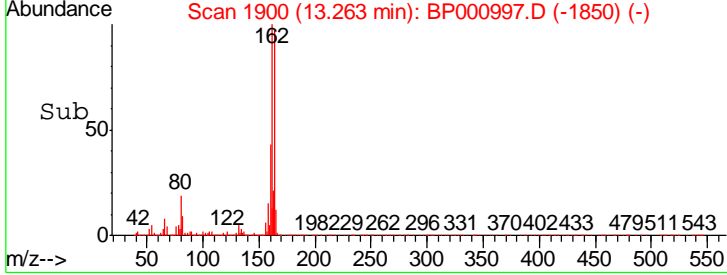
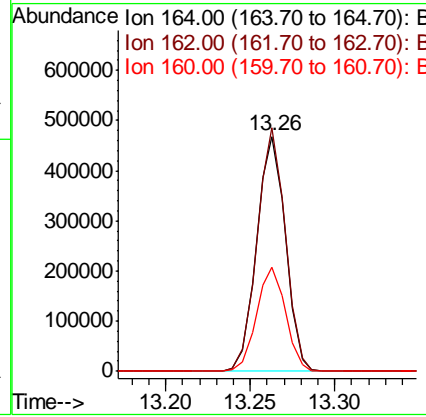
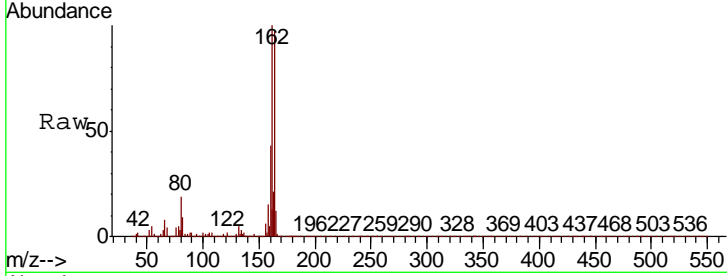


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 13.26 min Scan# 1900
 Delta R.T. -0.01 min
 Lab File: BP000997.D
 Acq: 07 Nov 2019 11:08

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

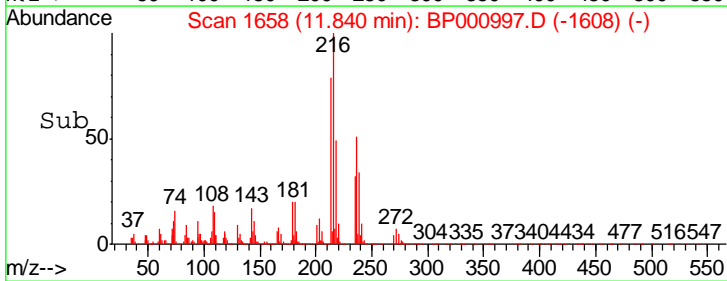
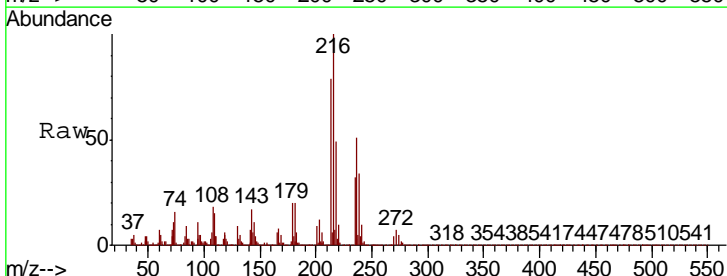
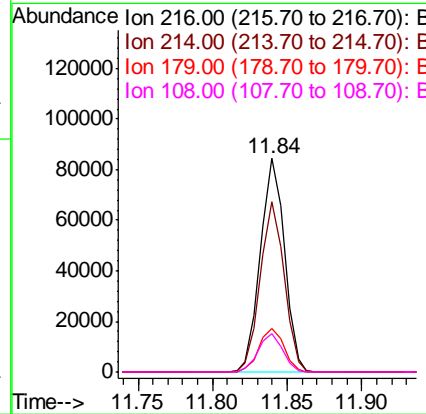
Tgt Ion	Resp	Lower	Upper
164	100		
162	103.6	82.6	123.8
160	44.4	36.5	54.7

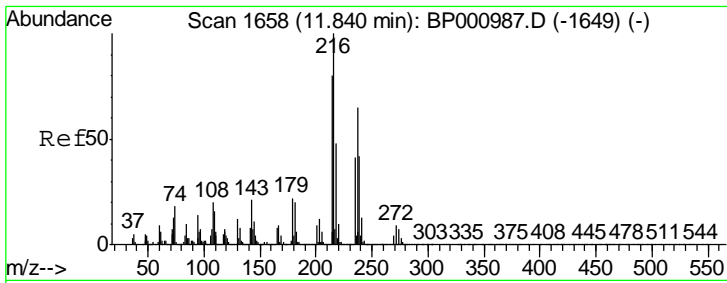
Manual Integrations
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#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 5.073 ng
 RT: 11.84 min Scan# 1658
 Delta R.T. -0.01 min
 Lab File: BP000997.D
 Acq: 07 Nov 2019 11:08

Tgt Ion	Resp	Lower	Upper
216	100		
214	78.5	62.8	94.2
179	21.1	16.8	25.2
108	18.0	14.6	21.8



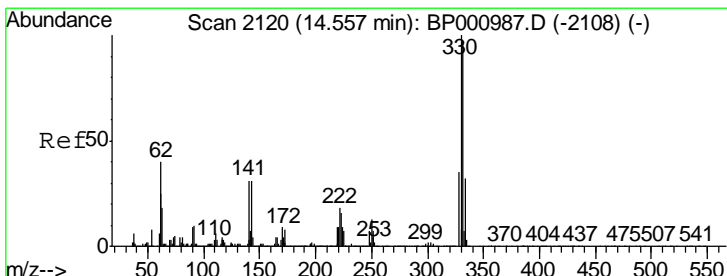
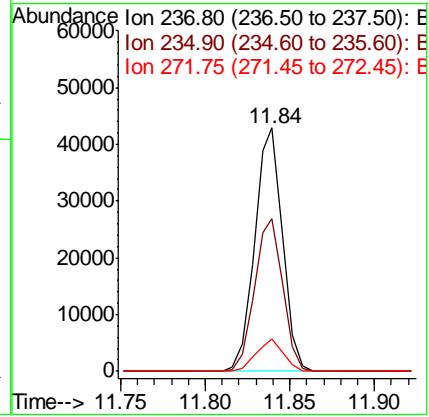
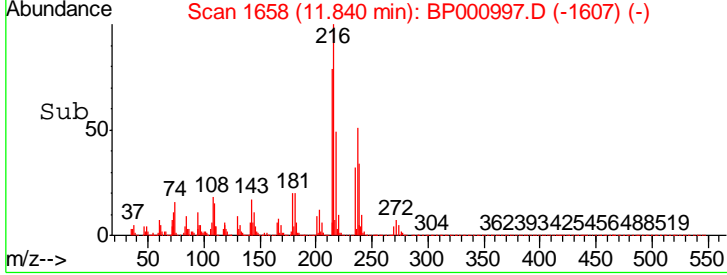
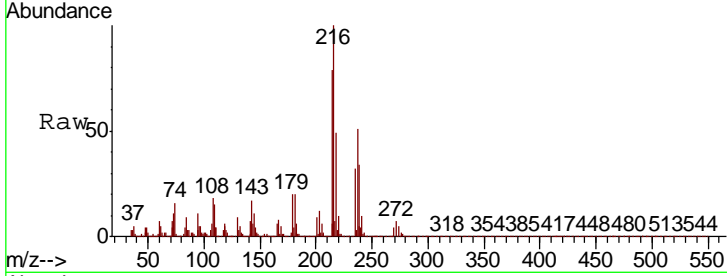


#41
 Hexachlorocyclopentadiene
 Concen: 5.280 ng
 RT: 11.84 min Scan# 1658
 Delta R.T. -0.00 min
 Lab File: BP000997.D
 Acq: 07 Nov 2019 11:08

Instrument : BNA_P
 Client Sampled : LOD-MDL-SOIL-01-QT4-2019

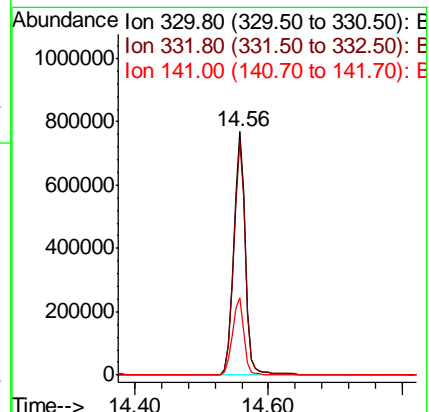
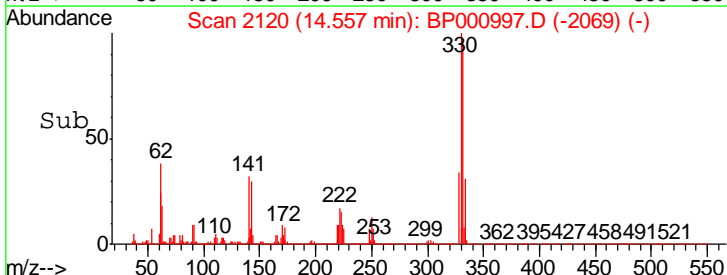
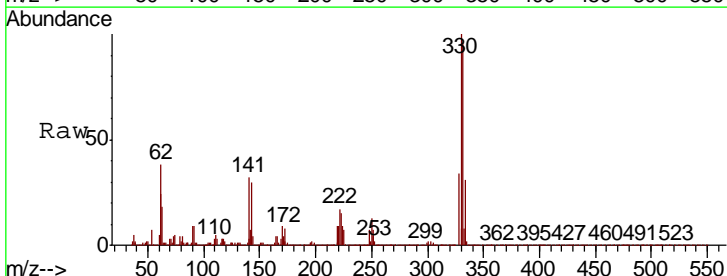
Tgt Ion	Resp	Lower	Upper
237	48974		
237	100		
235	62.7	43.1	83.1
272	13.1	0.0	33.1

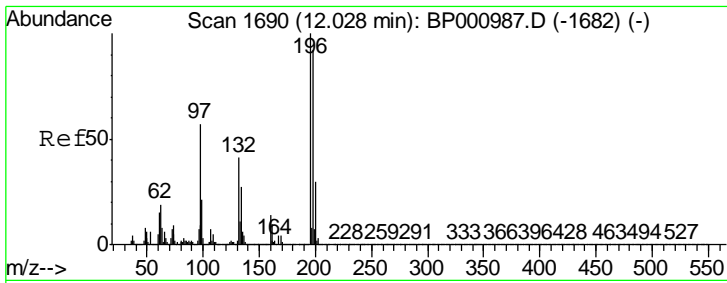
Manual Integrations
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 11/8/2019 3:33:44 PM



#42
 2,4,6-Tribromophenol
 Concen: 142.626 ng
 RT: 14.56 min Scan# 2120
 Delta R.T. -0.00 min
 Lab File: BP000997.D
 Acq: 07 Nov 2019 11:08

Tgt Ion	Resp	Lower	Upper
330	946722		
330	100		
332	97.2	78.3	117.5
141	31.9	25.0	37.4



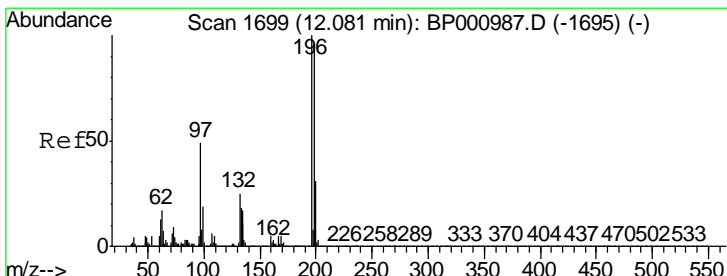
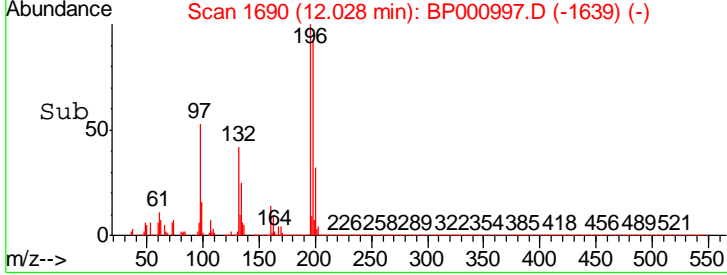
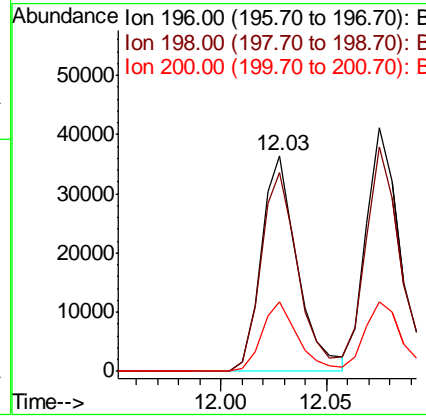
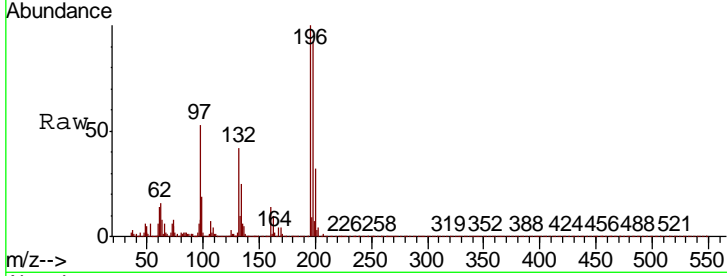


#43
 2,4,6-Trichlorophenol
 Concen: 3.891 ng
 RT: 12.03 min Scan# 1690
 Delta R.T. -0.00 min
 Lab File: BP000997.D
 Acq: 07 Nov 2019 11:08

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

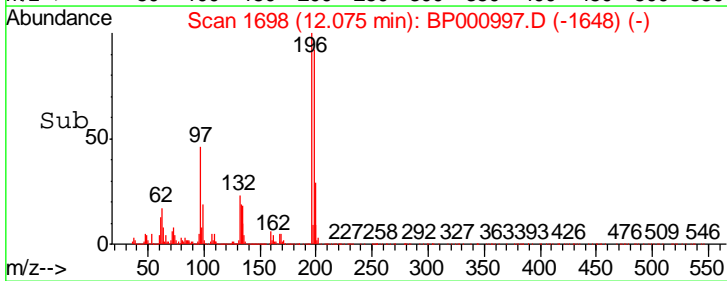
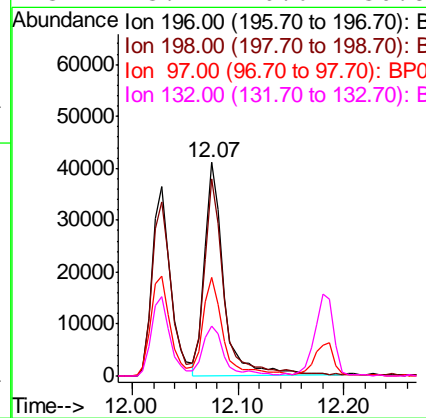
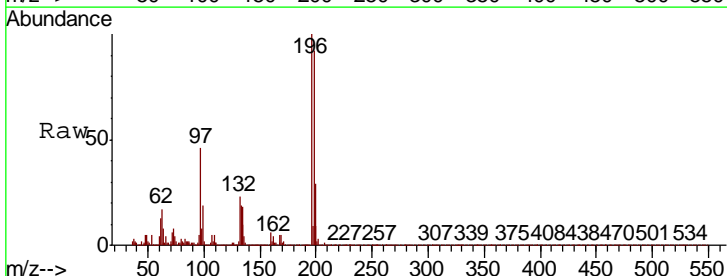
Tgt Ion	Resp	Lower	Upper
196	43434		
198	91.9	74.0	111.0
200	32.0	24.2	36.4

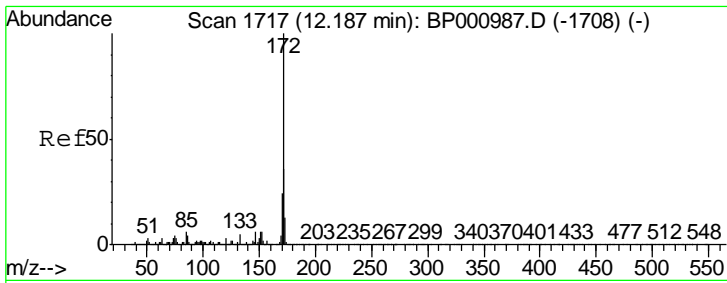
Manual Integrations
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#44
 2,4,5-Trichlorophenol
 Concen: 4.265 ng
 RT: 12.07 min Scan# 1698
 Delta R.T. -0.01 min
 Lab File: BP000997.D
 Acq: 07 Nov 2019 11:08

Tgt Ion	Resp	Lower	Upper
196	50906		
198	92.1	76.3	114.5
97	45.9	39.1	58.7
132	23.4	20.6	30.8





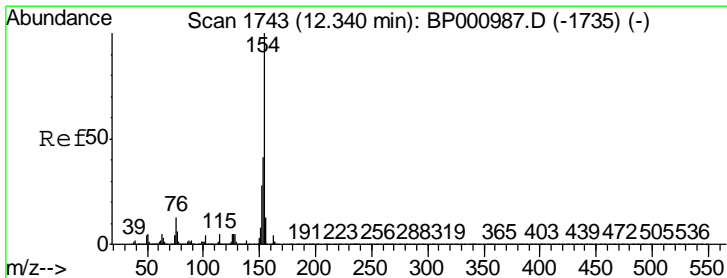
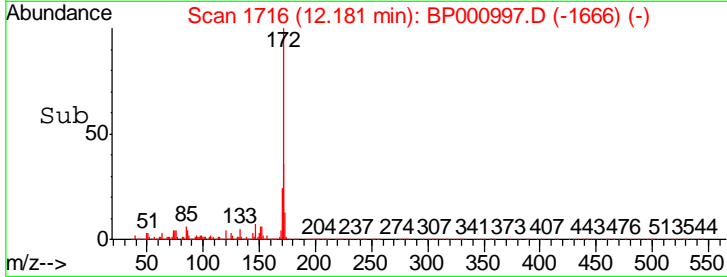
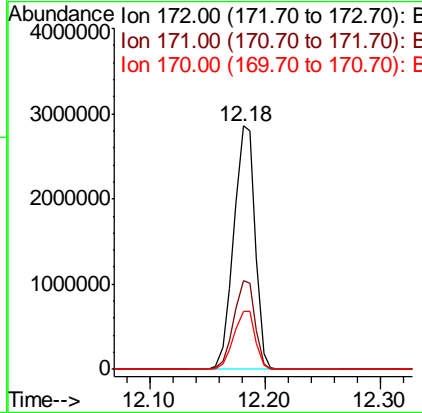
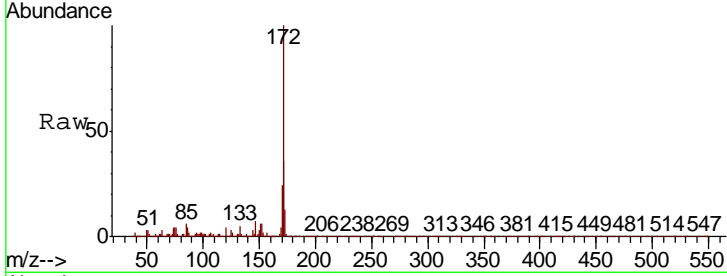
#45
 2-Fluorobiphenyl
 Concen: 99.032 ng
 RT: 12.18 min Scan# 1716
 Delta R.T. -0.01 min
 Lab File: BP000997.D
 Acq: 07 Nov 2019 11:08

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

Tgt Ion	Resp	Lower	Upper
172	100		
171	36.2	28.5	42.7
170	23.8	18.9	28.3

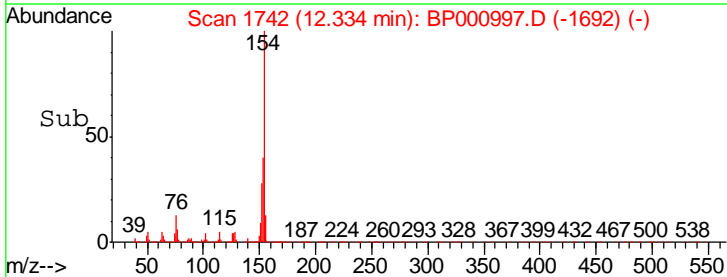
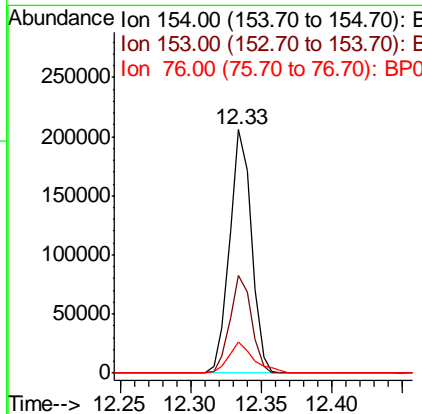
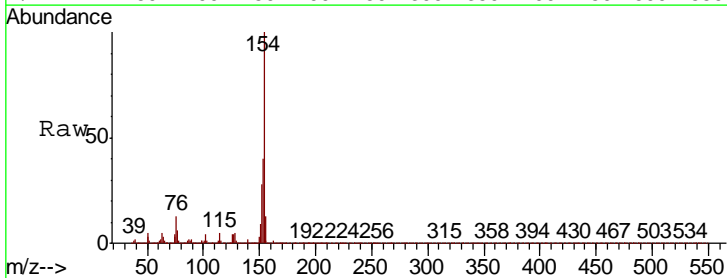
Manual Integrations
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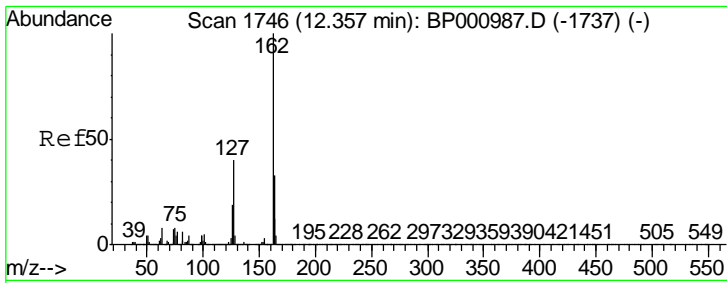
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#46
 1,1'-Biphenyl
 Concen: 5.337 ng
 RT: 12.33 min Scan# 1742
 Delta R.T. -0.01 min
 Lab File: BP000997.D
 Acq: 07 Nov 2019 11:08

Tgt Ion	Resp	Lower	Upper
154	100		
153	40.3	20.9	60.9
76	13.0	0.0	32.5



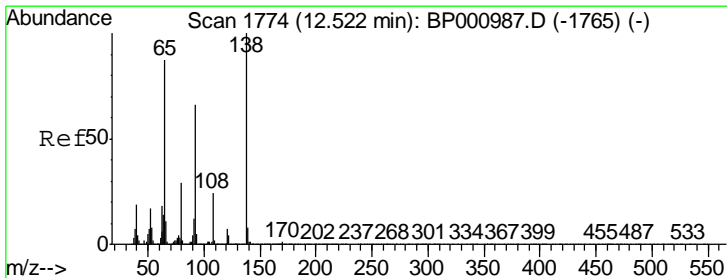
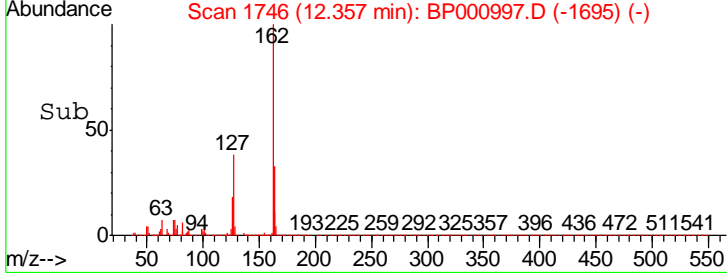
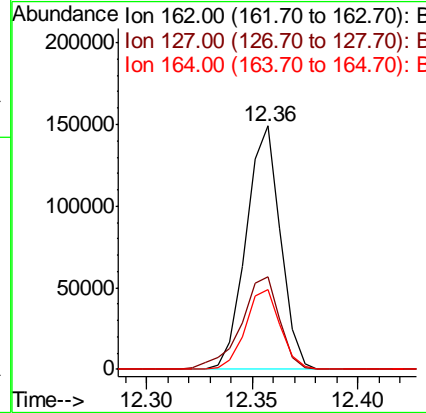
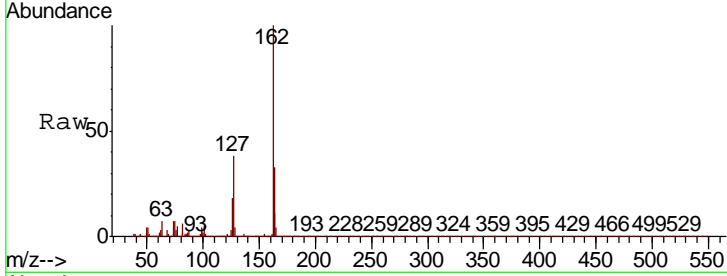


#47
 2-Chloronaphthalene
 Concen: 5.006 ng
 RT: 12.36 min Scan# 1746
 Delta R.T. -0.00 min
 Lab File: BP000997.D
 Acq: 07 Nov 2019 11:08

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

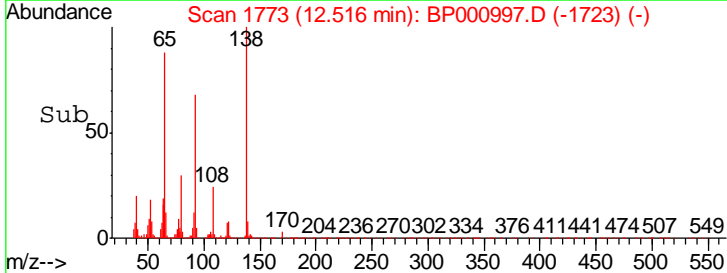
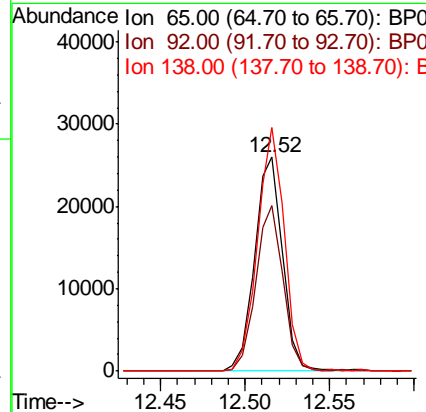
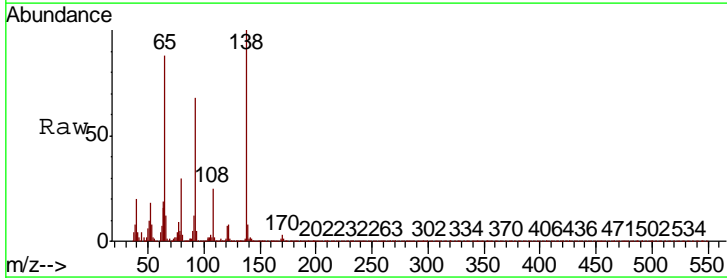
Tgt Ion	Resp	Lower	Upper
162	167535		
127	37.9	32.1	48.1
164	32.7	26.1	39.1

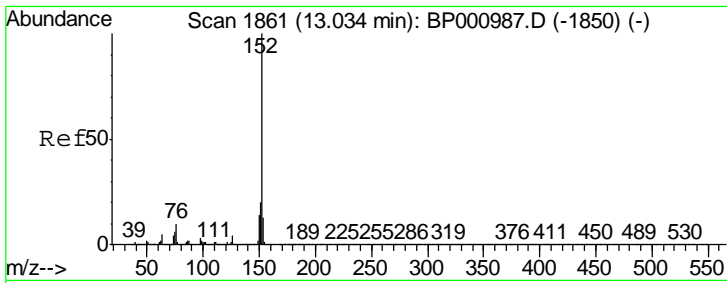
Manual Integrations
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 11/8/2019 3:33:44 PM



#48
 2-Nitroaniline
 Concen: 3.398 ng
 RT: 12.52 min Scan# 1773
 Delta R.T. -0.01 min
 Lab File: BP000997.D
 Acq: 07 Nov 2019 11:08

Tgt Ion	Resp	Lower	Upper
65	29773		
92	77.5	61.4	92.2
138	113.9	92.5	138.7



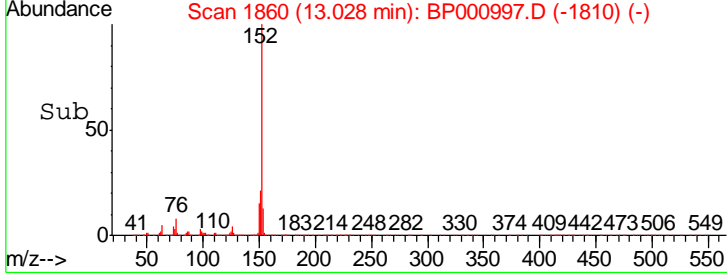
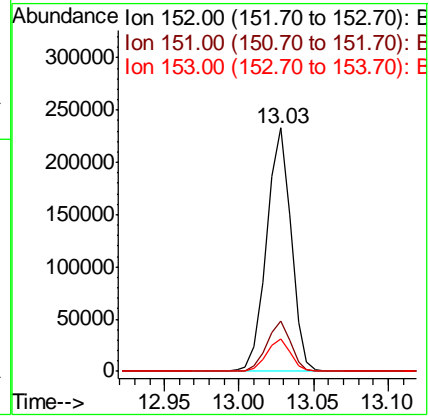
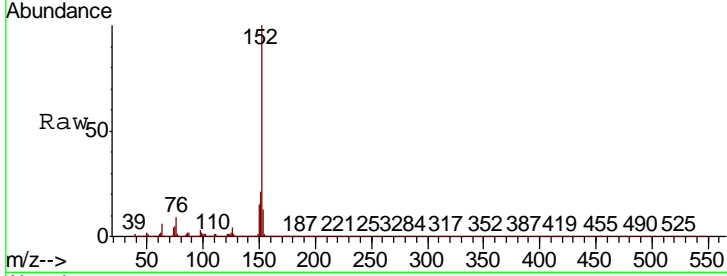


#49
 Acenaphthylene
 Concen: 5.153 ng
 RT: 13.03 min Scan# 1860
 Delta R.T. -0.01 min
 Lab File: BP000997.D
 Acq: 07 Nov 2019 11:08

Instrument :
 BNA_P
Client Sampled :
 LOD-MDL-SOIL-01-QT4-2019

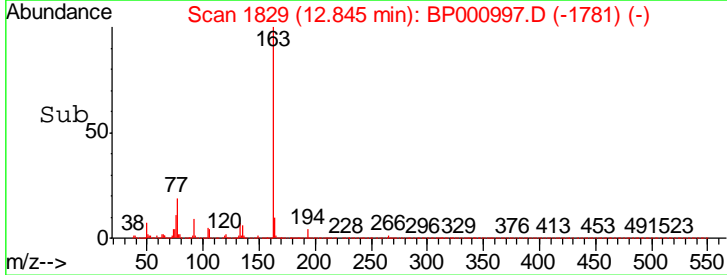
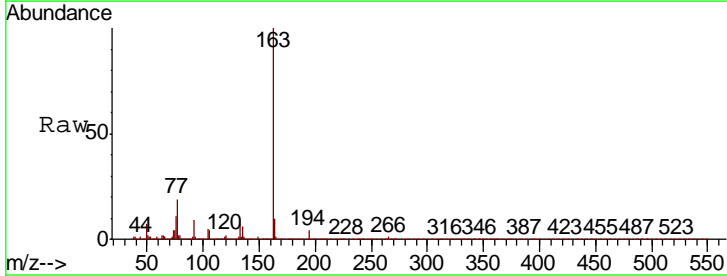
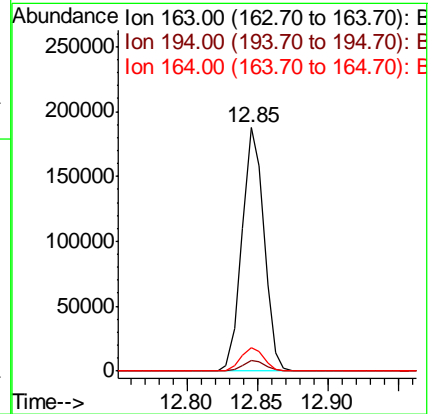
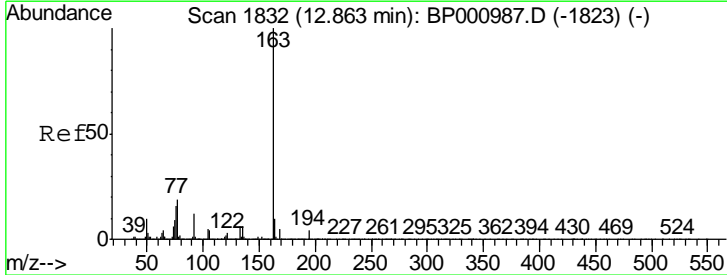
Tgt Ion	Resp	Lower	Upper
152	100		
151	20.6	16.0	24.0
153	13.1	10.6	16.0

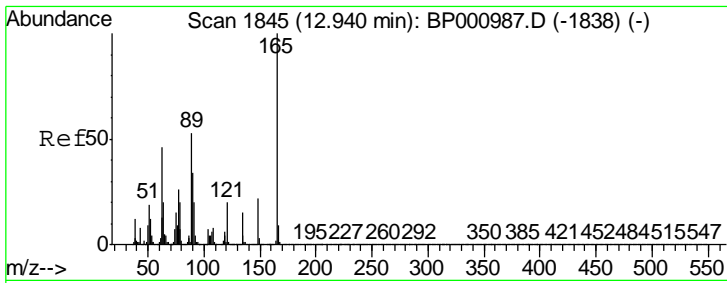
Manual Integrations
APPROVED
 Sohil
 11/8/2019 3:33:44 PM



#50
 Dimethylphthalate
 Concen: 4.956 ng
 RT: 12.85 min Scan# 1829
 Delta R.T. -0.02 min
 Lab File: BP000997.D
 Acq: 07 Nov 2019 11:08

Tgt Ion	Resp	Lower	Upper
163	100		
194	4.4	3.4	5.2
164	9.9	7.9	11.9



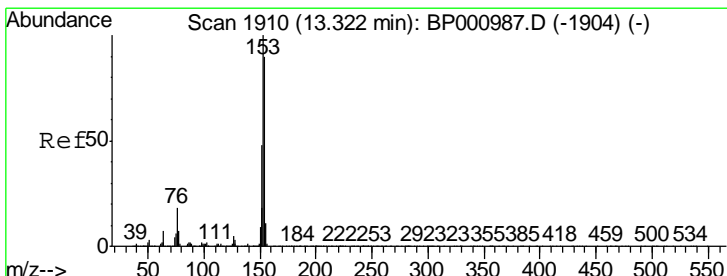
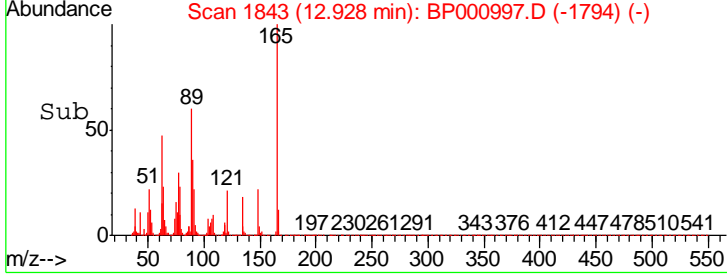
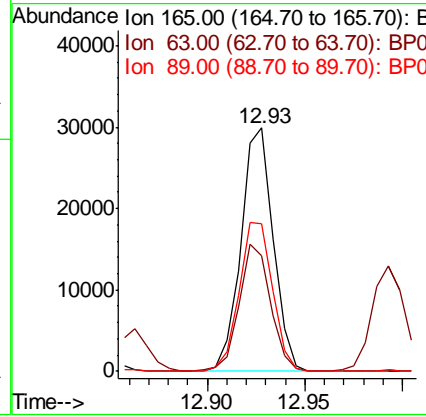
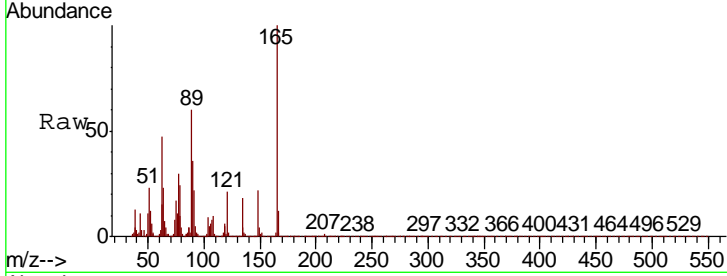


#51
 2,6-Dinitrotoluene
 Concen: 3.992 ng
 RT: 12.93 min Scan# 1843
 Delta R.T. -0.01 min
 Lab File: BP000997.D
 Acq: 07 Nov 2019 11:08

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

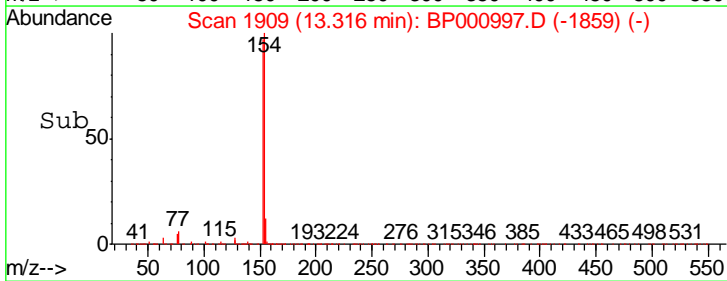
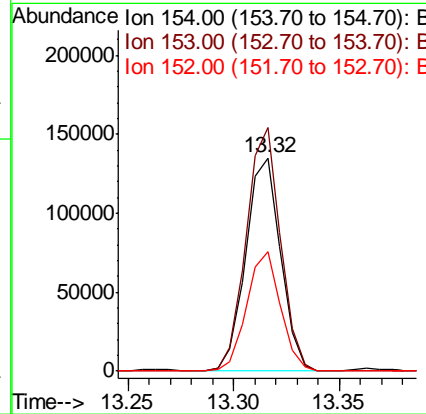
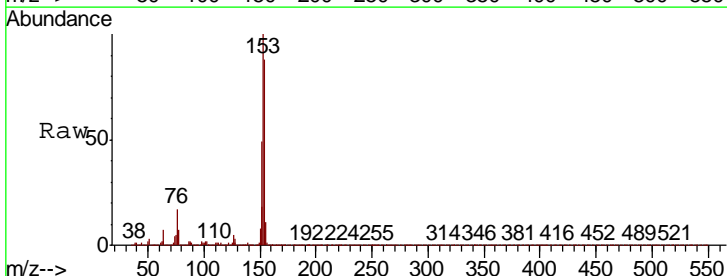
Tgt Ion	Resp	Lower	Upper
165	100		
63	47.4	36.7	55.1
89	60.4	42.3	63.5

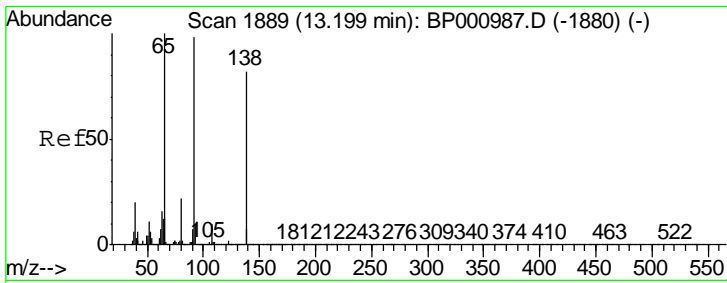
Manual Integrations
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 Sohil
 11/8/2019 3:33:44 PM



#52
 Acenaphthene
 Concen: 5.086 ng
 RT: 13.32 min Scan# 1909
 Delta R.T. -0.01 min
 Lab File: BP000997.D
 Acq: 07 Nov 2019 11:08

Tgt Ion	Resp	Lower	Upper
154	100		
153	114.3	88.9	133.3
152	56.0	42.4	63.6





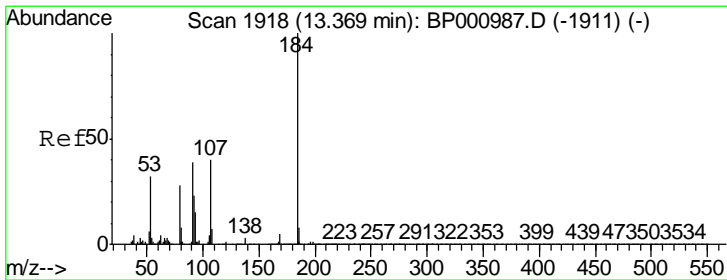
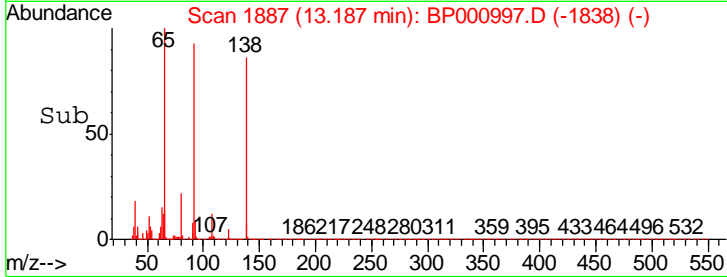
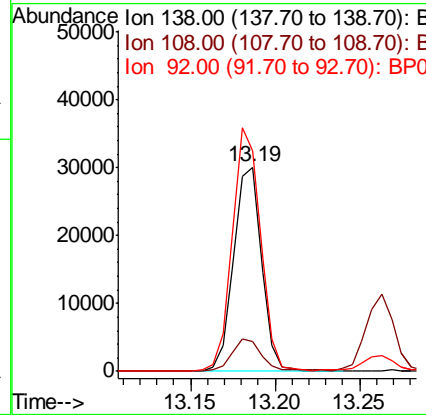
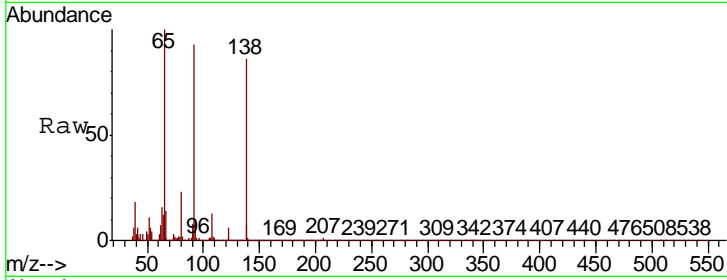
#53
 3-Nitroaniline
 Concen: 3.686 ng
 RT: 13.19 min Scan# 1887
 Delta R.T. -0.01 min
 Lab File: BP000997.D
 Acq: 07 Nov 2019 11:08

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

Tgt Ion	Resp	Lower	Upper
138	34485		
108	14.6	10.1	15.1
92	107.8	95.4	143.0

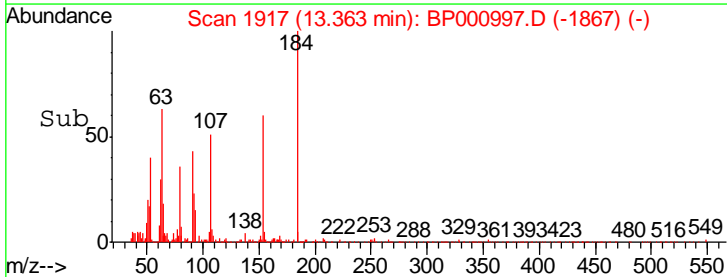
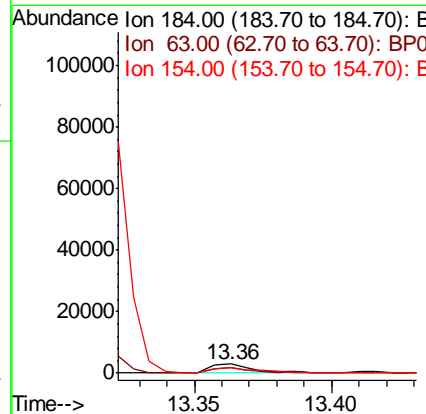
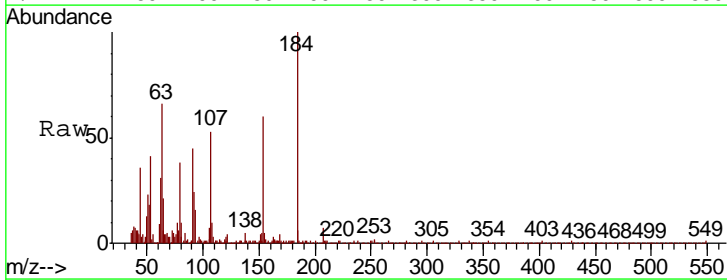
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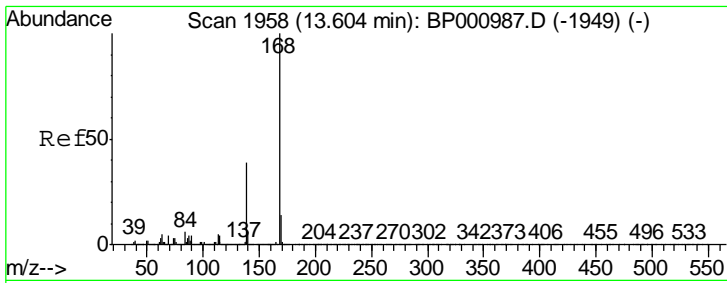
Sohil
 11/8/2019 3:33:44 PM



#54
 2,4-Dinitrophenol
 Concen: 1.707 ng m
 RT: 13.36 min Scan# 1917
 Delta R.T. -0.01 min
 Lab File: BP000997.D
 Acq: 07 Nov 2019 11:08

Tgt Ion	Resp	Lower	Upper
184	3608		
63	66.1	41.0	61.6#
154	60.2	48.1	72.1





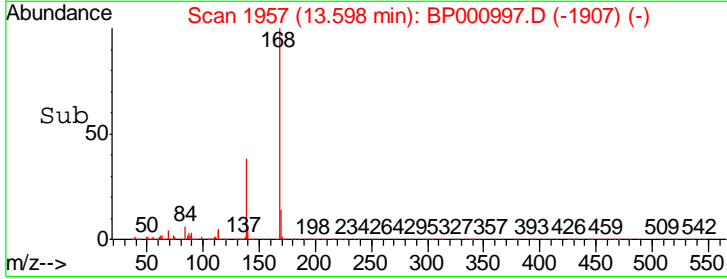
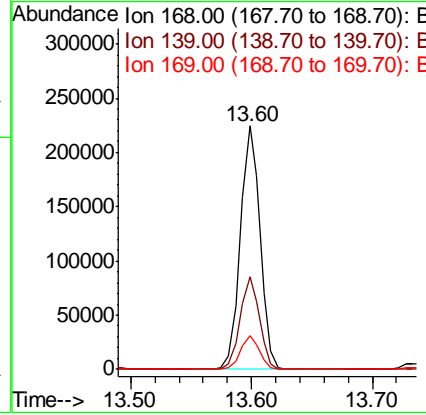
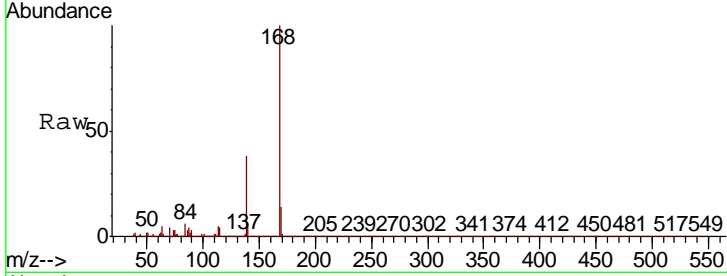
#55
 Dibenzofuran
 Concen: 5.379 ng
 RT: 13.60 min Scan# 1957
 Delta R.T. -0.01 min
 Lab File: BP000997.D
 Acq: 07 Nov 2019 11:08

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

Tgt Ion	Resp	Lower	Upper
168	100		
139	37.8	30.9	46.3
169	13.9	10.9	16.3

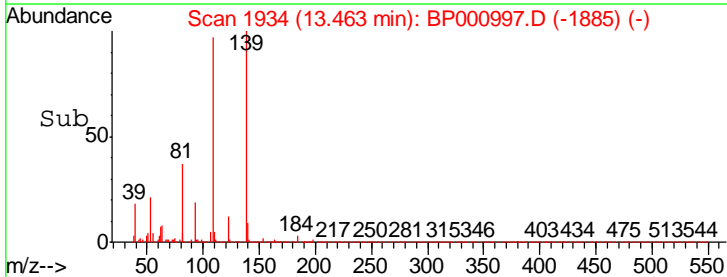
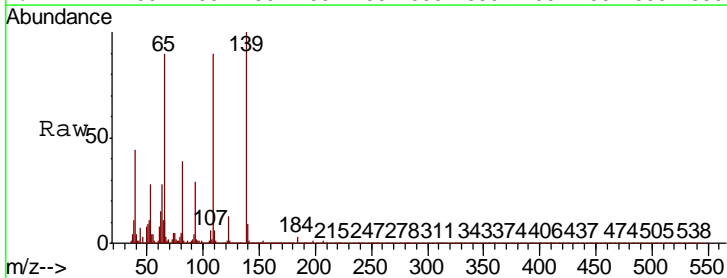
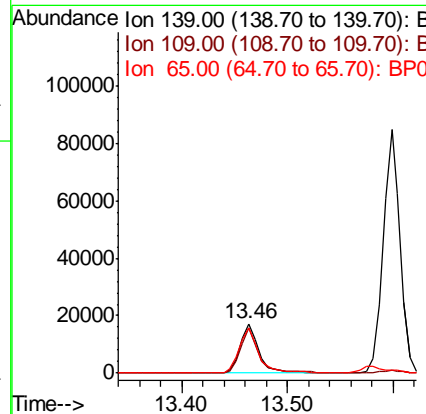
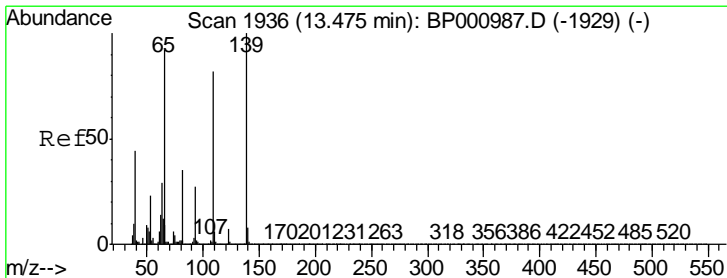
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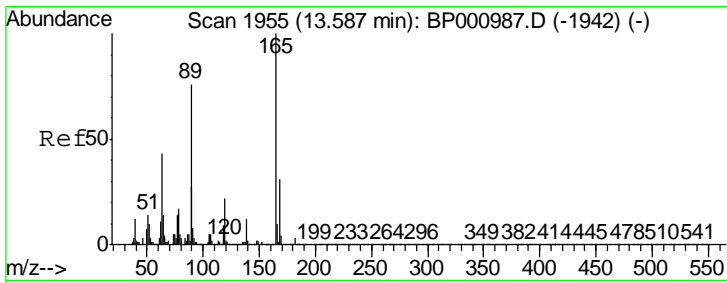
Sohil
 11/8/2019 3:33:44 PM



#56
 4-Nitrophenol
 Concen: 3.298 ng
 RT: 13.46 min Scan# 1934
 Delta R.T. -0.01 min
 Lab File: BP000997.D
 Acq: 07 Nov 2019 11:08

Tgt Ion	Resp	Lower	Upper
139	100		
109	90.4	61.6	101.6
65	90.4	72.0	112.0





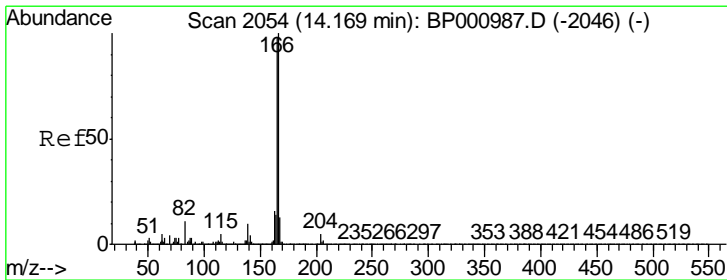
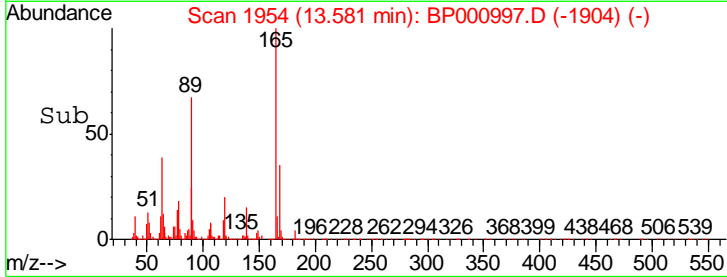
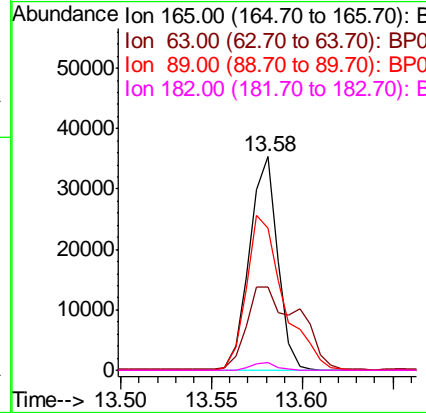
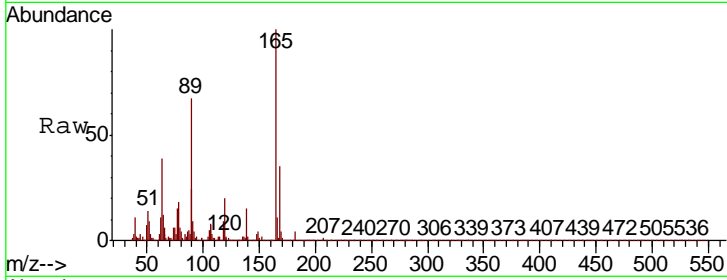
#57
 2,4-Dinitrotoluene
 Concen: 3.557 ng
 RT: 13.58 min Scan# 1954
 Delta R.T. -0.01 min
 Lab File: BP000997.D
 Acq: 07 Nov 2019 11:08

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

Tgt Ion	Resp	Lower	Upper
165	38319		
63	38.9	34.3	51.5
89	66.5	60.5	90.7
182	3.7	2.4	3.6#

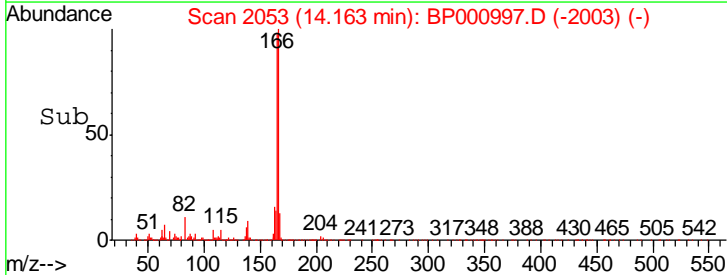
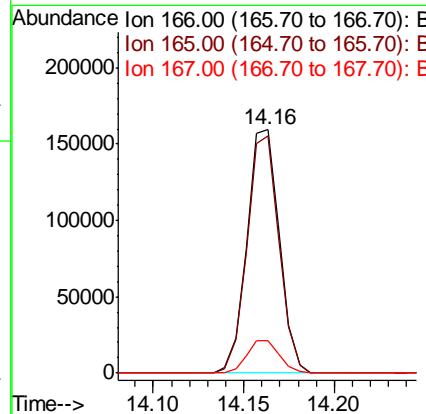
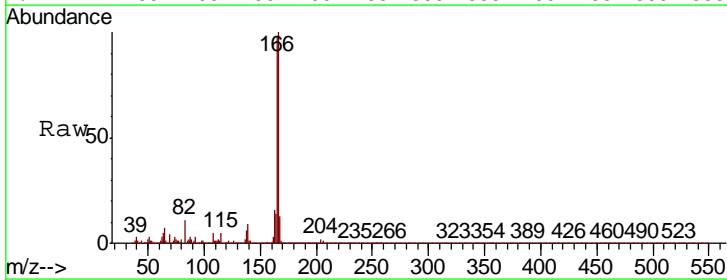
Manual Integrations
APPROVED

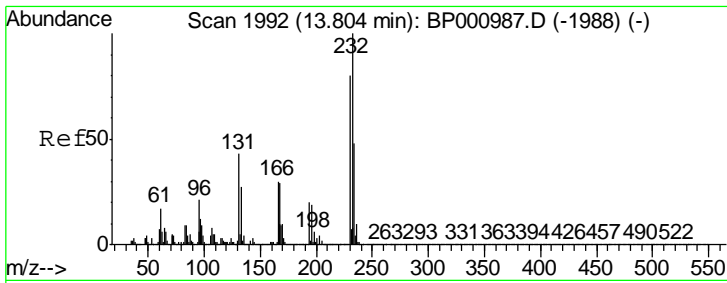
Sohil
 11/8/2019 3:33:44 PM



#58
 Fluorene
 Concen: 5.212 ng
 RT: 14.16 min Scan# 2053
 Delta R.T. -0.01 min
 Lab File: BP000997.D
 Acq: 07 Nov 2019 11:08

Tgt Ion	Resp	Lower	Upper
166	197189		
165	97.6	78.2	117.2
167	13.3	10.7	16.1





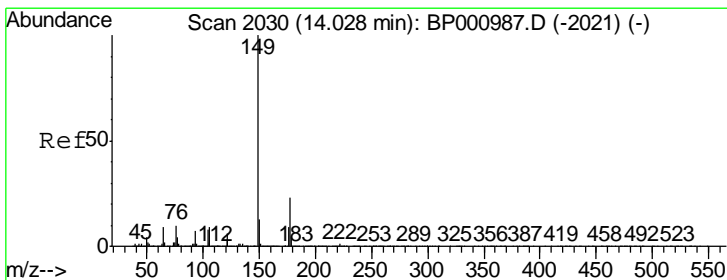
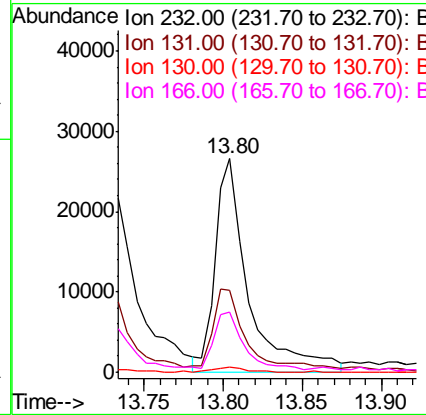
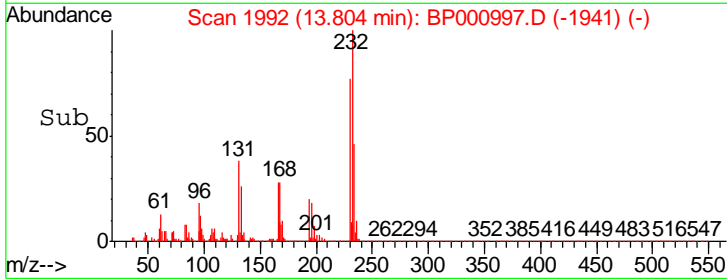
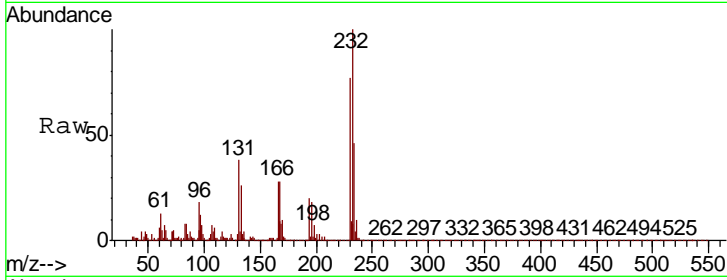
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 3.836 ng m
 RT: 13.80 min Scan# 1992
 Delta R.T. -0.00 min
 Lab File: BP000997.D
 Acq: 07 Nov 2019 11:08

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

Tgt Ion	Resp	Lower	Upper
232	100		
131	31.5	32.2	48.2#
130	1.9	1.7	2.5
166	21.8	22.0	33.0#

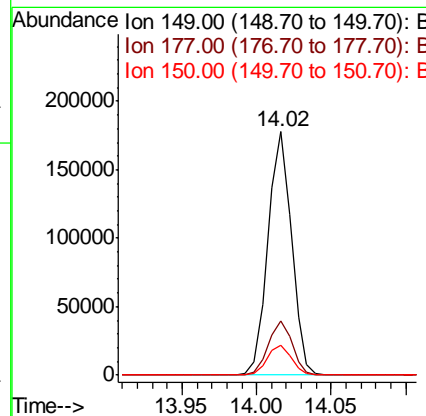
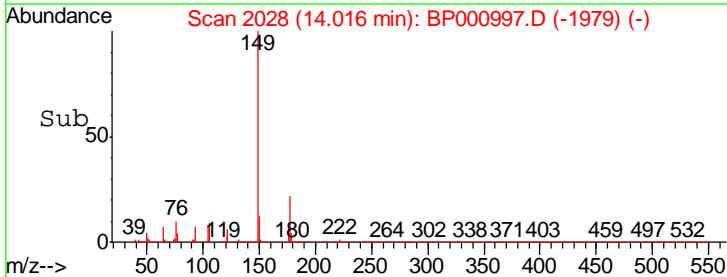
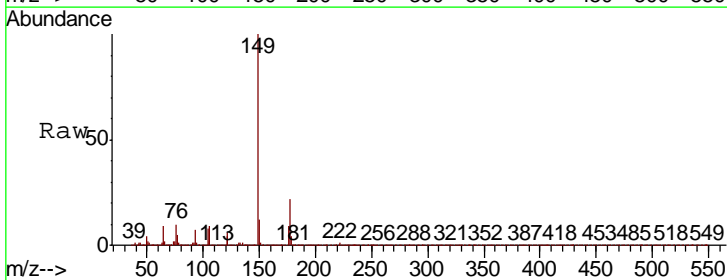
Manual Integrations
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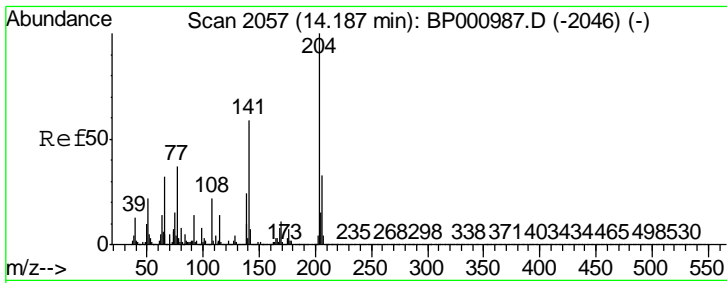
Sohil
 11/8/2019 3:33:44 PM



#60
 Diethylphthalate
 Concen: 4.667 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. -0.01 min
 Lab File: BP000997.D
 Acq: 07 Nov 2019 11:08

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





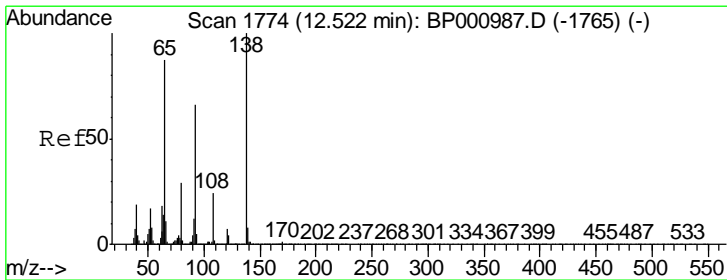
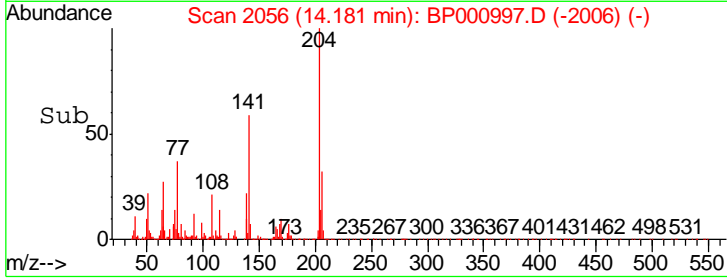
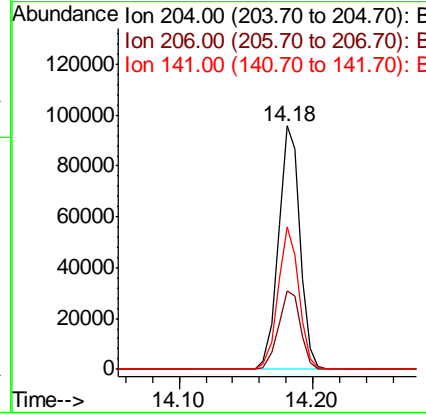
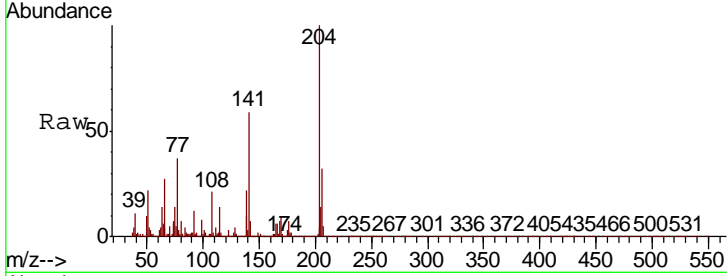
#61
 4-Chlorophenyl-phenylether
 Concen: 5.394 ng
 RT: 14.18 min Scan# 2056
 Delta R.T. -0.01 min
 Lab File: BP000997.D
 Acq: 07 Nov 2019 11:08

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

Tgt Ion	Resp	Lower	Upper
204	107901		
206	32.0	26.5	39.7
141	58.7	46.9	70.3

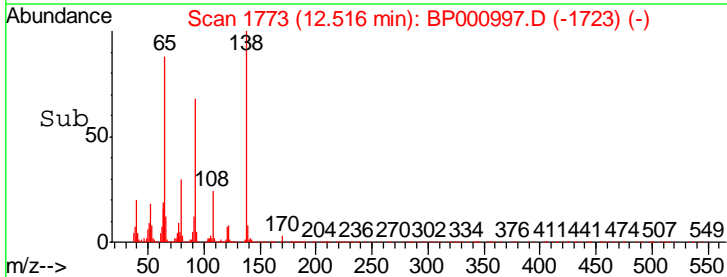
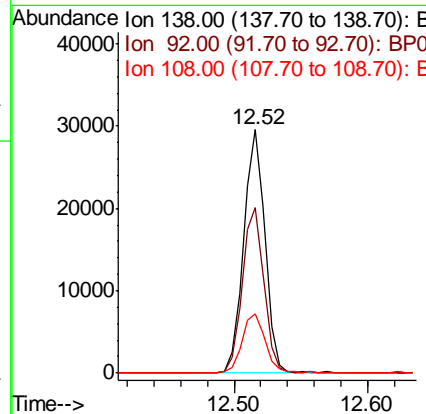
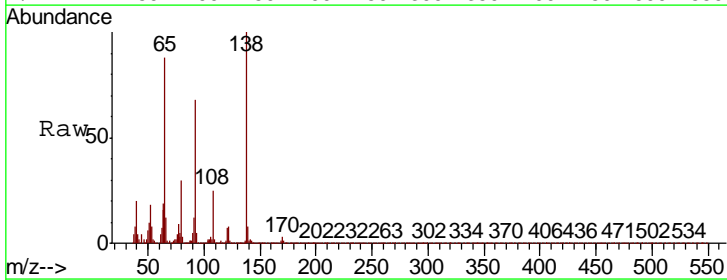
Manual Integrations
 APPROVED

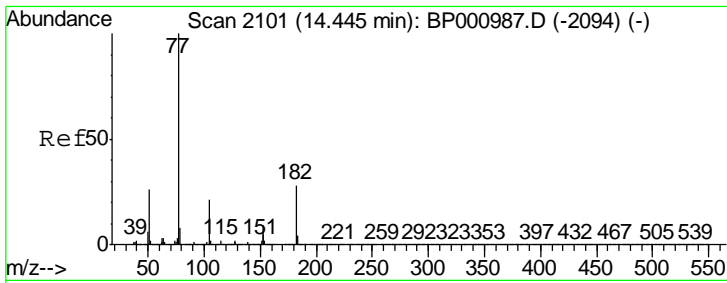
Sohil
 11/8/2019 3:33:44 PM



#62
 4-Nitroaniline
 Concen: 3.259 ng
 RT: 12.52 min Scan# 1773
 Delta R.T. -0.01 min
 Lab File: BP000997.D
 Acq: 07 Nov 2019 11:08

Tgt Ion	Resp	Lower	Upper
138	32692		
92	68.1	46.4	86.4
108	24.5	3.9	43.9



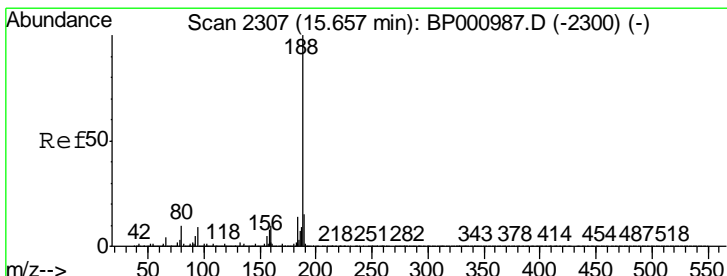
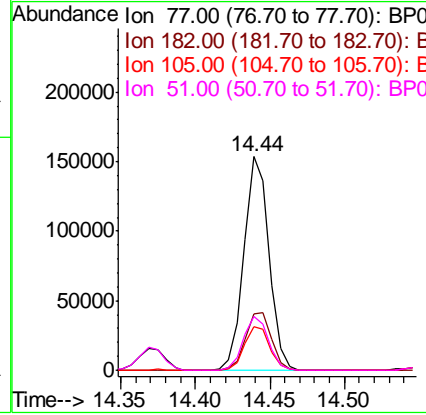
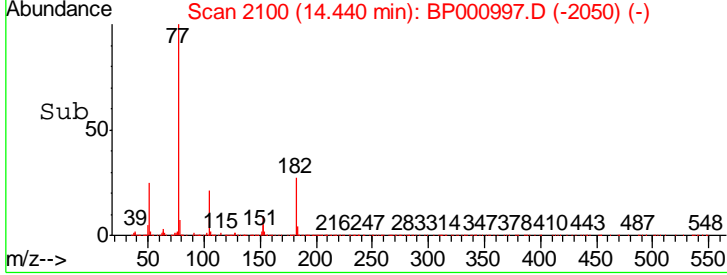
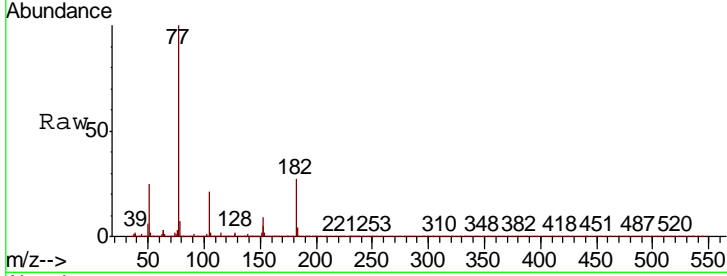


#63
 Azobenzene
 Concen: 4.920 ng
 RT: 14.44 min Scan# 2100
 Delta R.T. -0.01 min
 Lab File: BP000997.D
 Acq: 07 Nov 2019 11:08

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

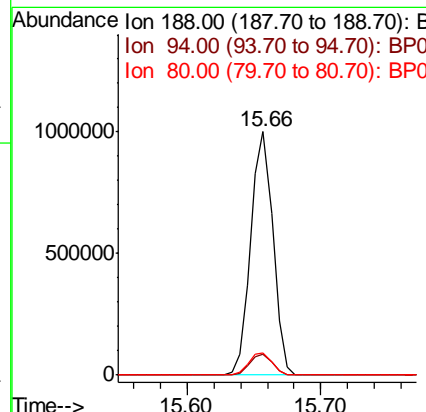
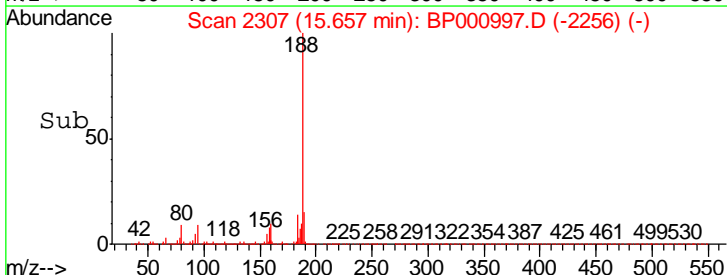
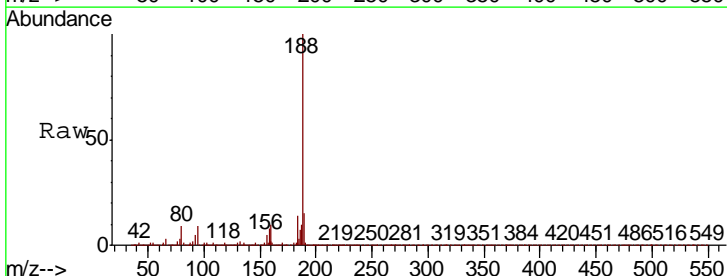
Tgt Ion	Resp	Lower	Upper
77	177845		
182	26.5	8.4	48.4
105	20.6	1.0	41.0
51	25.2	6.0	46.0

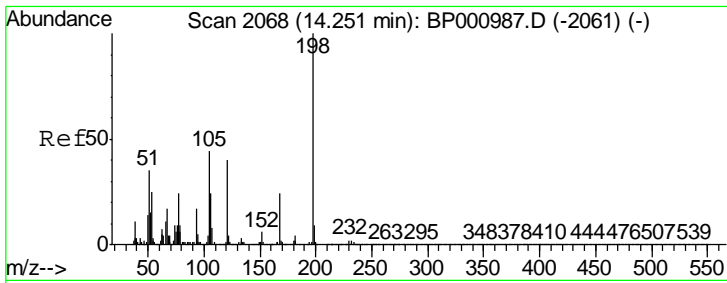
Manual Integrations
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 Sohil
 11/8/2019 3:33:44 PM



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 15.66 min Scan# 2307
 Delta R.T. -0.00 min
 Lab File: BP000997.D
 Acq: 07 Nov 2019 11:08

Tgt Ion	Resp	Lower	Upper
188	1141082		
94	8.5	7.4	11.2
80	9.0	7.9	11.9





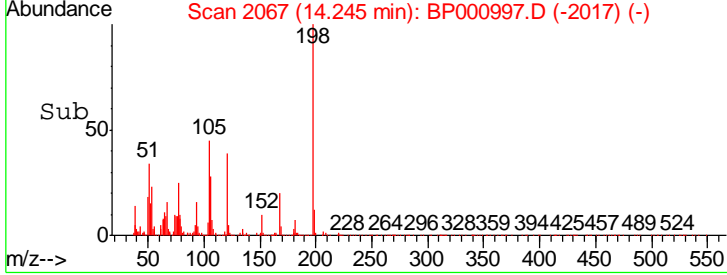
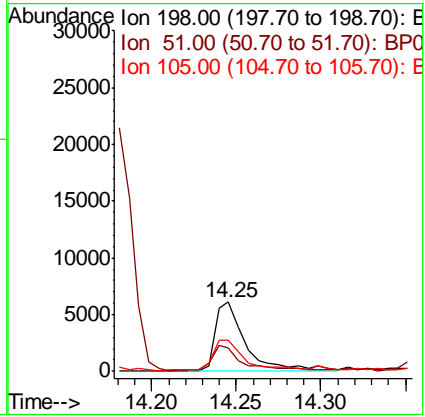
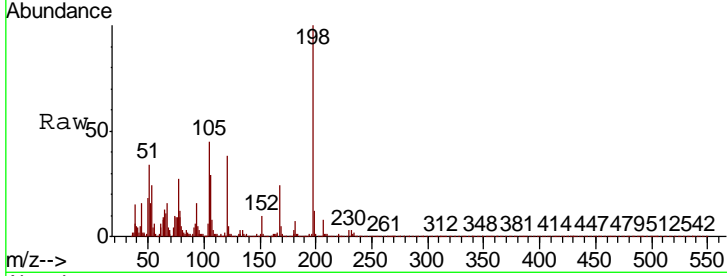
#65
 4,6-Dinitro-2-methylphenol
 Concen: 2.392 ng
 RT: 14.25 min Scan# 2067
 Delta R.T. -0.01 min
 Lab File: BP000997.D
 Acq: 07 Nov 2019 11:08

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

Tgt Ion	Resp	Lower	Upper
198	7700		
51	33.7	16.0	56.0
105	45.3	24.9	64.9

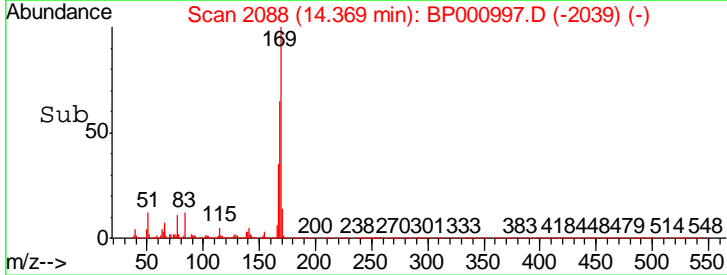
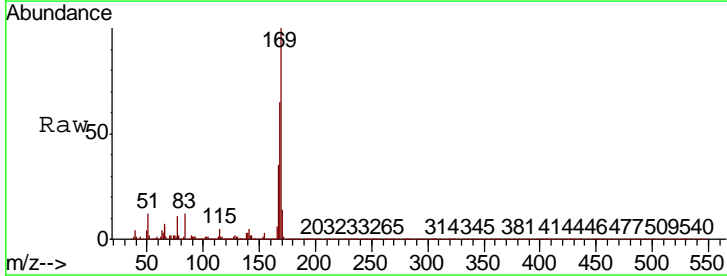
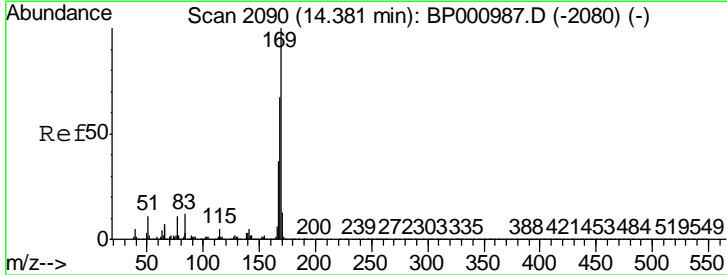
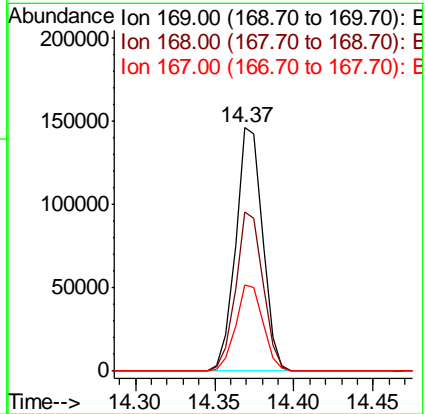
Manual Integrations
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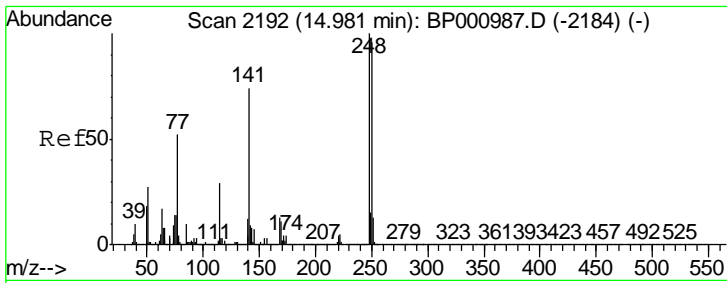
Sohil
 11/8/2019 3:33:44 PM



#66
 n-Nitrosodiphenylamine
 Concen: 5.240 ng
 RT: 14.37 min Scan# 2088
 Delta R.T. -0.01 min
 Lab File: BP000997.D
 Acq: 07 Nov 2019 11:08

Tgt Ion	Resp	Lower	Upper
169	171923		
168	65.4	53.3	79.9
167	35.5	29.4	44.2





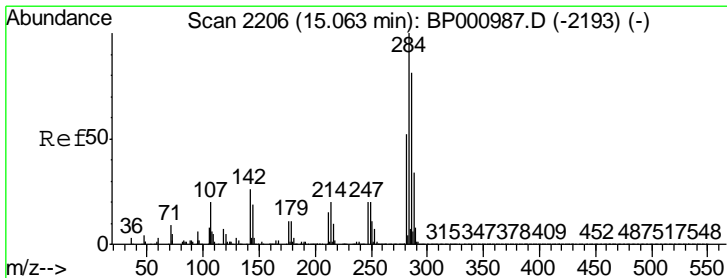
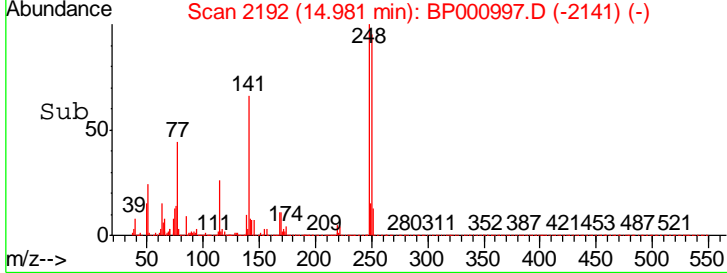
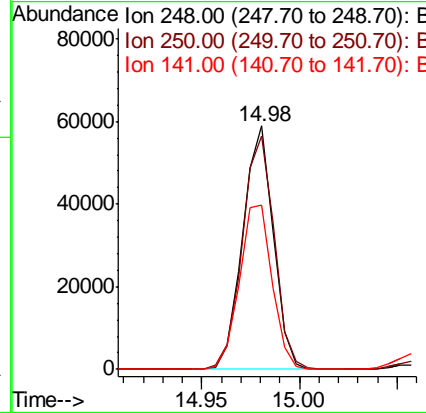
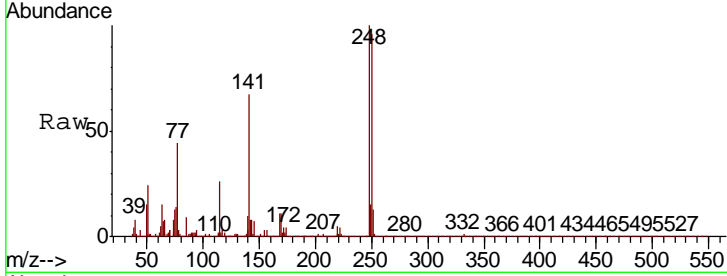
#67
 4-Bromophenyl-phenylether
 Concen: 4.769 ng
 RT: 14.98 min Scan# 2192
 Delta R.T. -0.00 min
 Lab File: BP000997.D
 Acq: 07 Nov 2019 11:08

Instrument : BNA_P
 Client Sampled : LOD-MDL-SOIL-01-QT4-2019

Tgt Ion	Resp	Lower	Upper
248	64064		
250	95.7	77.0	115.6
141	67.4	59.4	89.0

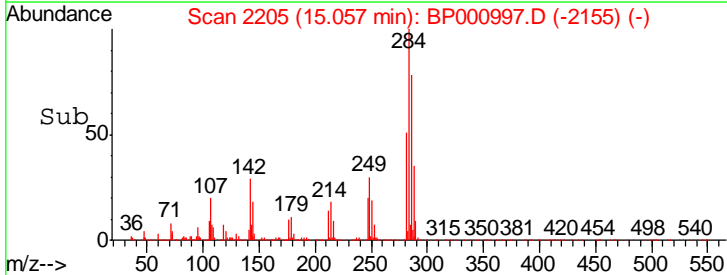
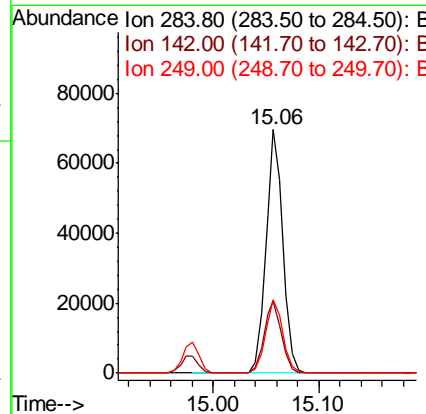
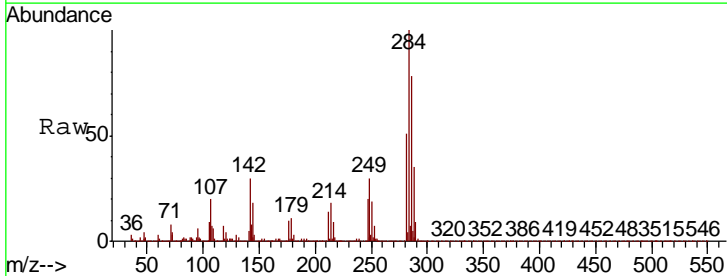
Manual Integrations
 APPROVED

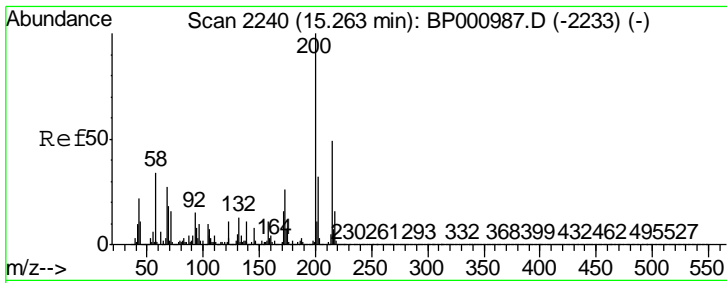
Sohil
 11/8/2019 3:33:44 PM



#68
 Hexachlorobenzene
 Concen: 4.964 ng
 RT: 15.06 min Scan# 2205
 Delta R.T. -0.01 min
 Lab File: BP000997.D
 Acq: 07 Nov 2019 11:08

Tgt Ion	Resp	Lower	Upper
284	77280		
142	29.6	25.8	38.8
249	30.3	25.4	38.0





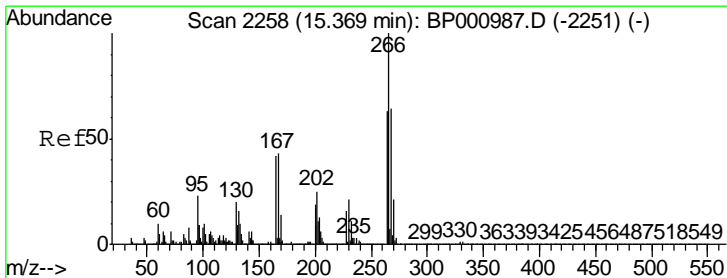
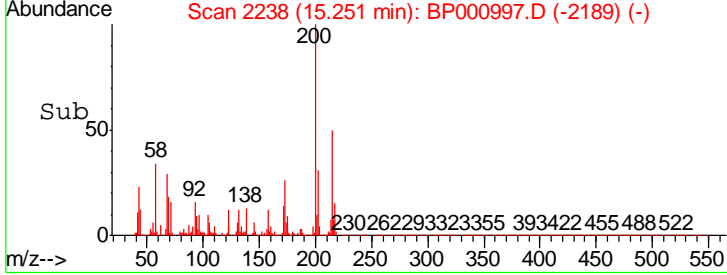
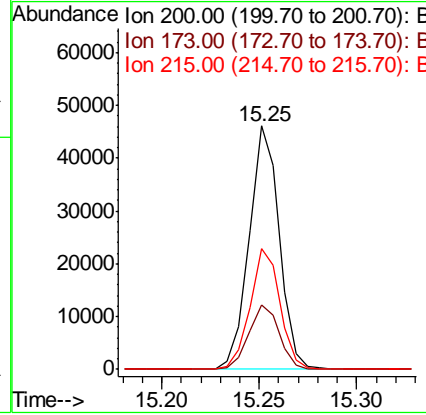
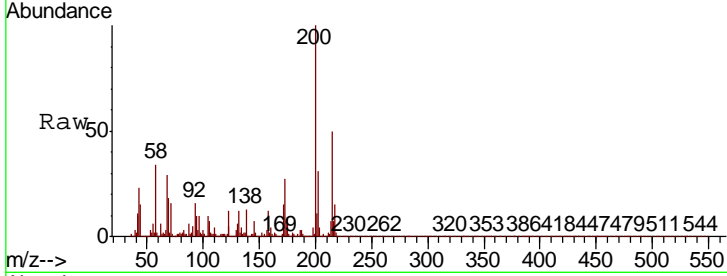
#69
 Atrazine
 Concen: 4.120 ng
 RT: 15.25 min Scan# 2238
 Delta R.T. -0.01 min
 Lab File: BP000997.D
 Acq: 07 Nov 2019 11:08

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

Tgt Ion	Resp	Lower	Upper
200	49223		
173	26.5	5.8	45.8
215	49.6	28.6	68.6

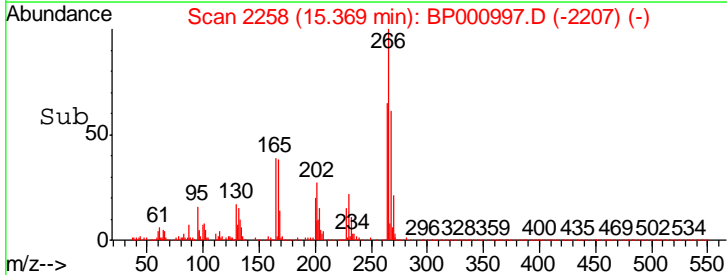
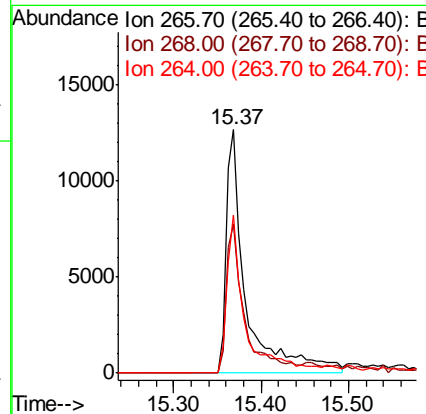
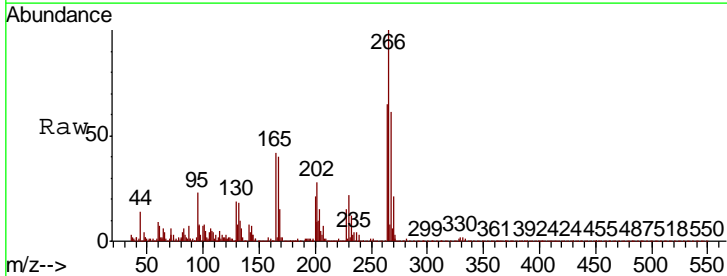
Manual Integrations
 APPROVED

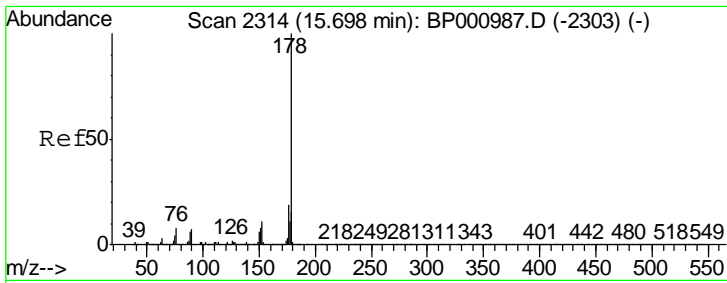
Sohil
 11/8/2019 3:33:44 PM



#70
 Pentachlorophenol
 Concen: 2.850 ng
 RT: 15.37 min Scan# 2258
 Delta R.T. -0.00 min
 Lab File: BP000997.D
 Acq: 07 Nov 2019 11:08

Tgt Ion	Resp	Lower	Upper
266	19750		
268	61.4	50.9	76.3
264	64.8	50.6	76.0





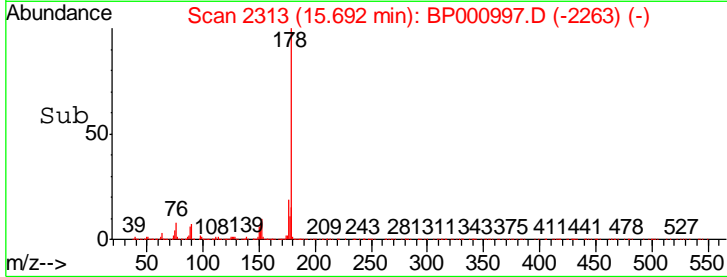
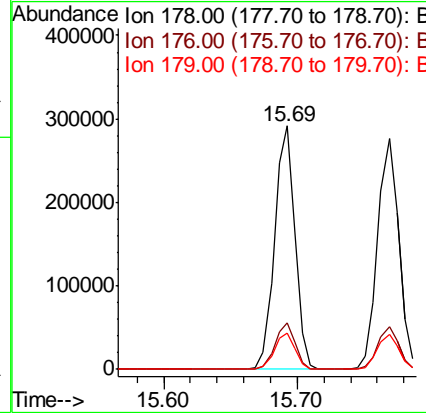
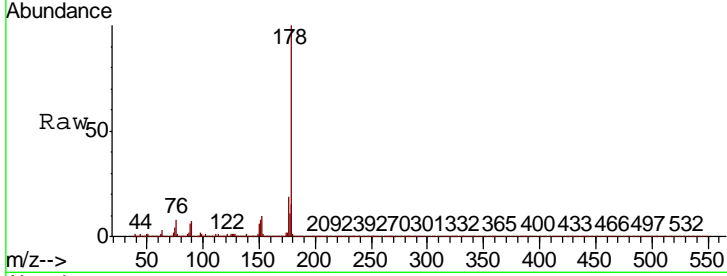
#71
 Phenanthrene
 Concen: 5.329 ng
 RT: 15.69 min Scan# 2313
 Delta R.T. -0.01 min
 Lab File: BP000997.D
 Acq: 07 Nov 2019 11:08

Instrument :
 BNA_P
 Client Sampled :
 LOD-MDL-SOIL-01-QT4-2019

Tgt Ion	Resp	Lower	Upper
178	100		
176	19.1	15.5	23.3
179	15.2	12.3	18.5

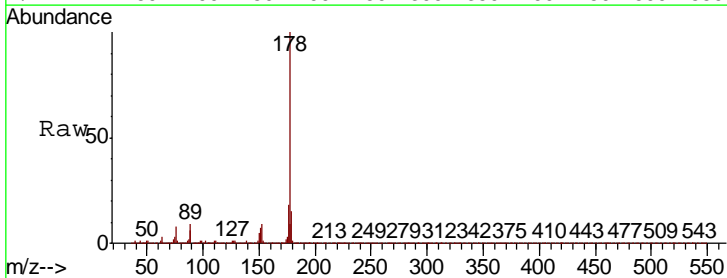
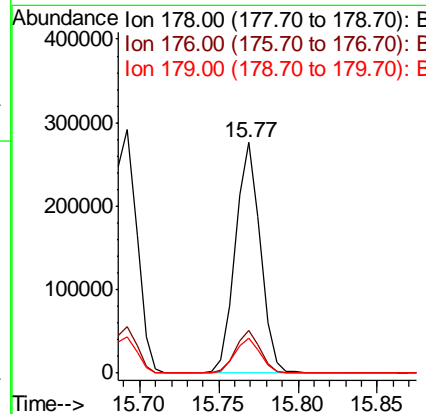
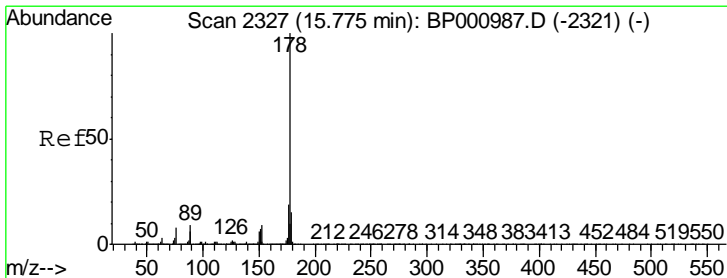
Manual Integrations
 APPROVED

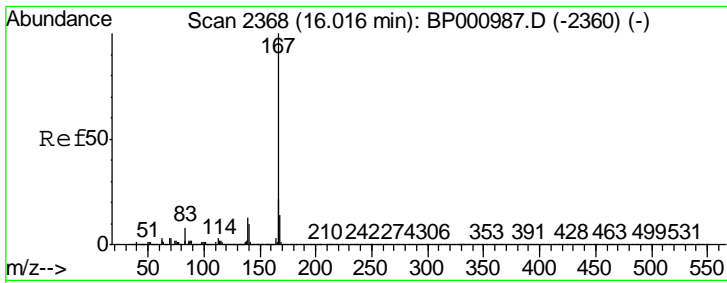
Sohil
 11/8/2019 3:33:44 PM



#72
 Anthracene
 Concen: 5.276 ng
 RT: 15.77 min Scan# 2326
 Delta R.T. -0.01 min
 Lab File: BP000997.D
 Acq: 07 Nov 2019 11:08

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





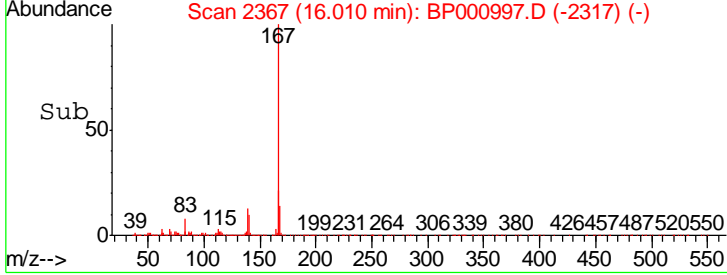
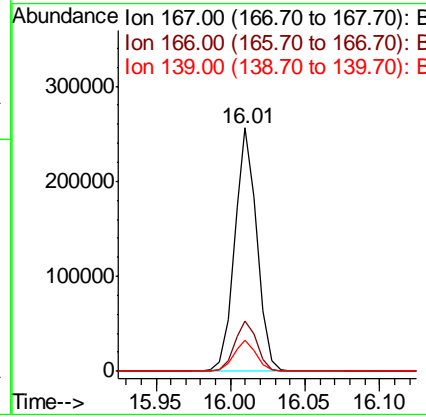
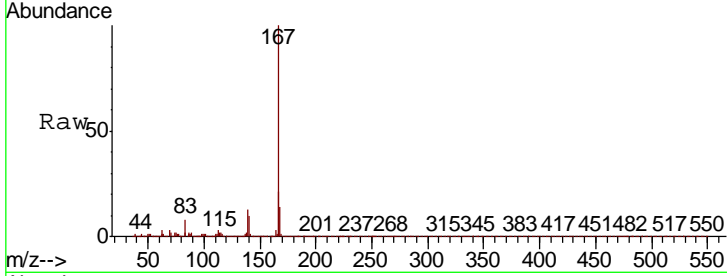
#73
 Carbazole
 Concen: 5.111 ng
 RT: 16.01 min Scan# 2367
 Delta R.T. -0.01 min
 Lab File: BP000997.D
 Acq: 07 Nov 2019 11:08

Instrument :
 BNA_P
Client Sampled :
 LOD-MDL-SOIL-01-QT4-2019

Tgt Ion	Resp	Lower	Upper
167	100		
166	20.7	17.6	26.4
139	12.5	10.6	15.8

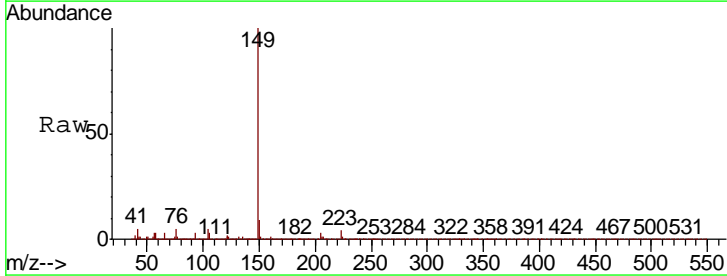
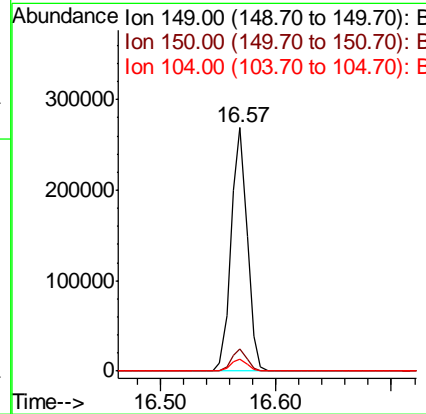
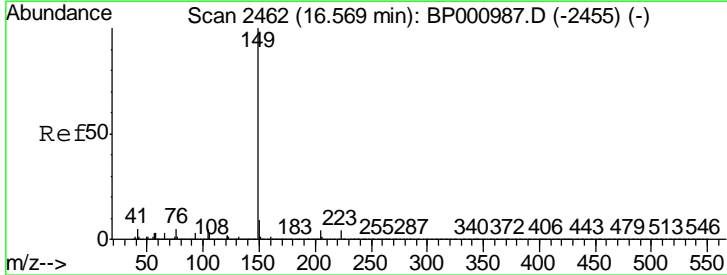
Manual Integrations
APPROVED

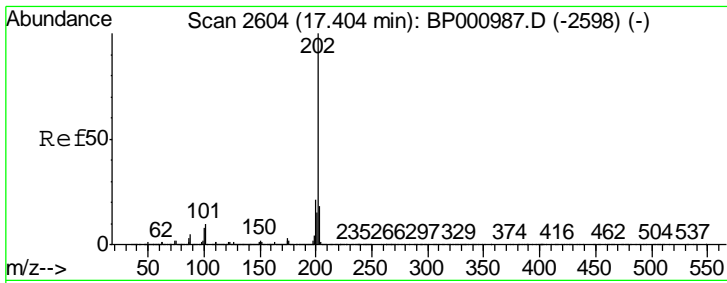
Sohil
 11/8/2019 3:33:44 PM



#74
 Di-n-butylphthalate
 Concen: 4.121 ng
 RT: 16.57 min Scan# 2462
 Delta R.T. -0.00 min
 Lab File: BP000997.D
 Acq: 07 Nov 2019 11:08

Tgt Ion	Resp	Lower	Upper
149	100		
150	9.1	7.5	11.3
104	4.9	4.2	6.4





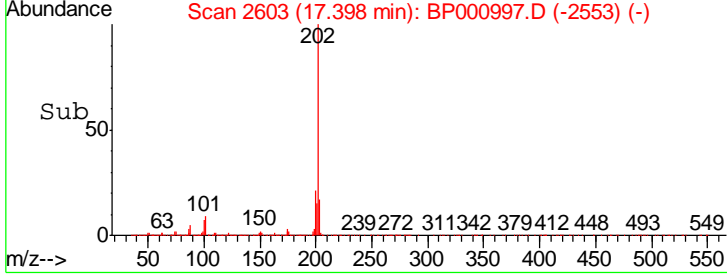
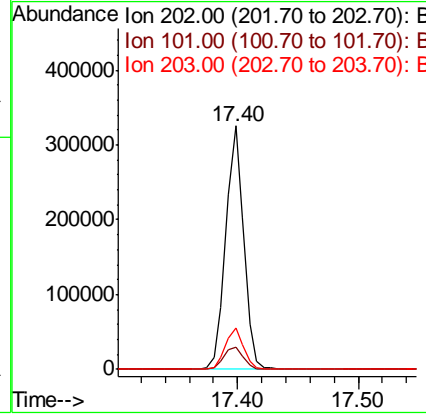
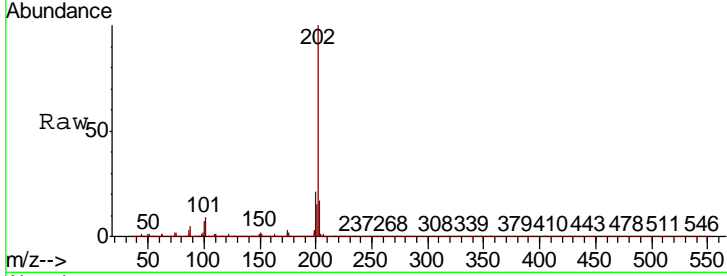
#75
 Fluoranthene
 Concen: 5.035 ng
 RT: 17.40 min Scan# 2603
 Delta R.T. -0.01 min
 Lab File: BP000997.D
 Acq: 07 Nov 2019 11:08

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

Tgt Ion	Resp	Lower	Upper
202	332348		
101	9.0	0.0	30.1
203	17.0	0.0	37.7

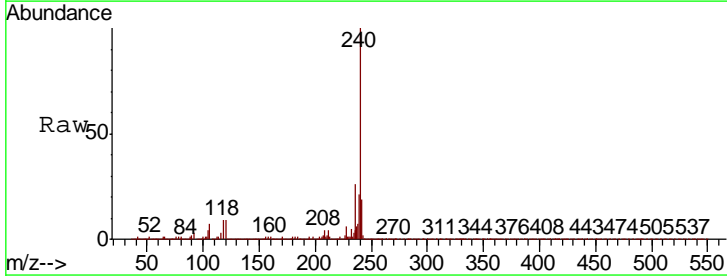
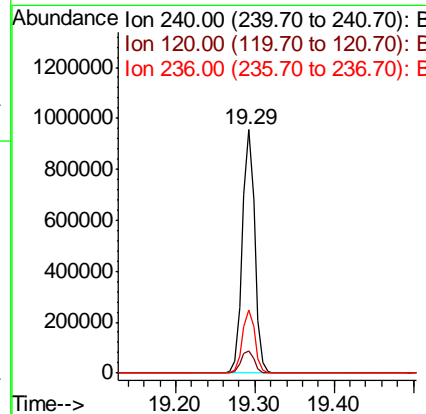
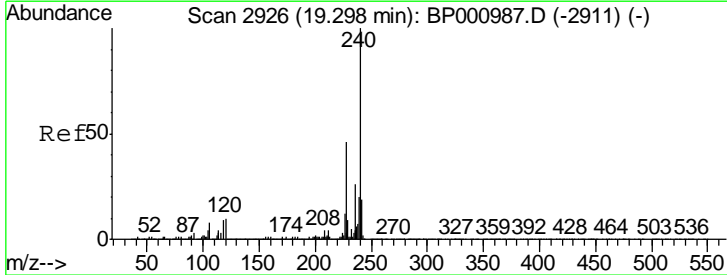
Manual Integrations
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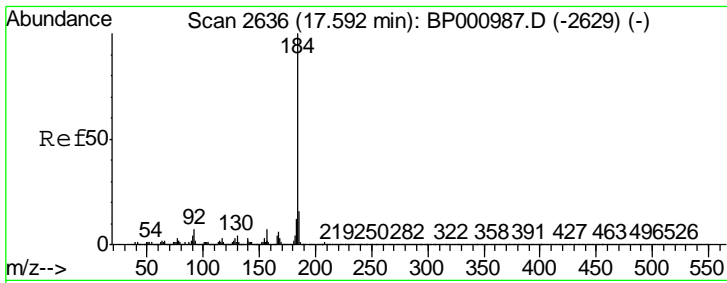
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 11/8/2019 3:33:44 PM



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 19.29 min Scan# 2925
 Delta R.T. -0.01 min
 Lab File: BP000997.D
 Acq: 07 Nov 2019 11:08

Tgt Ion	Resp	Lower	Upper
240	1031546		
120	9.2	8.2	12.2
236	26.0	20.5	30.7



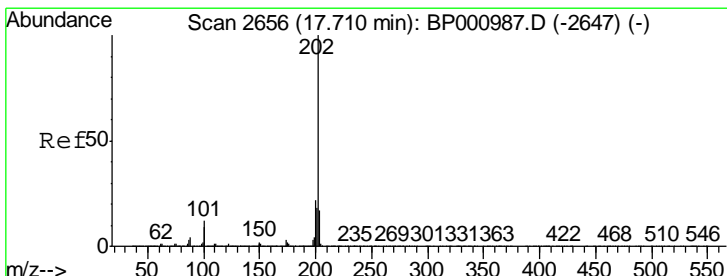
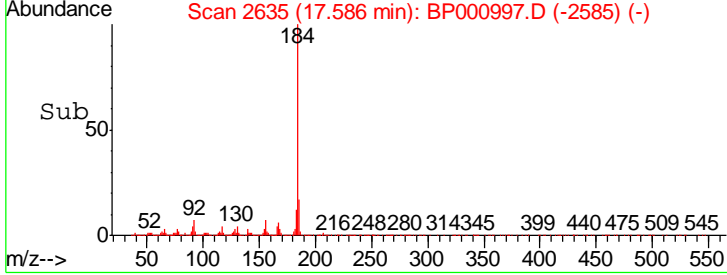
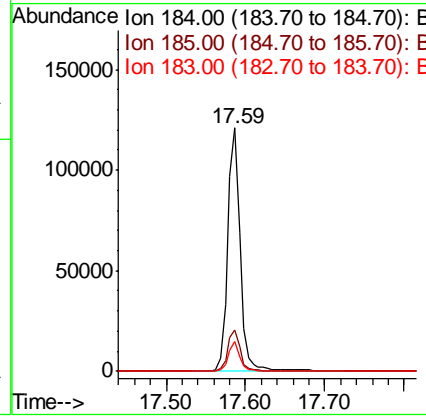
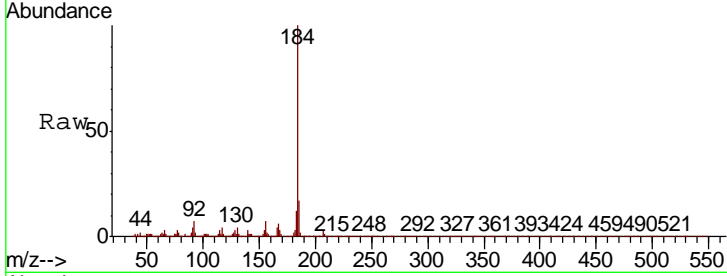


#77
Benzidine
Concen: 3.472 ng
RT: 17.59 min Scan# 2635
Delta R.T. -0.01 min
Lab File: BP000997.D
Acq: 07 Nov 2019 11:08

Instrument : BNA_P
Client Sampled : LOD-MDL-SOIL-01-QT4-2019

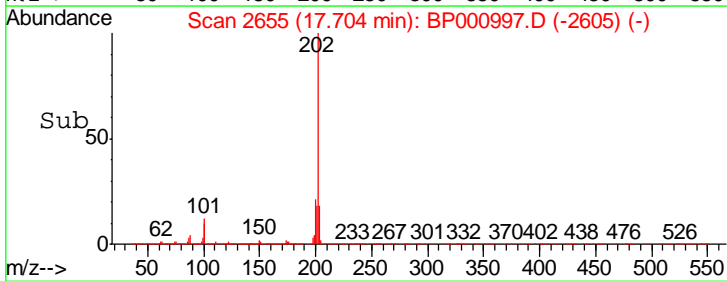
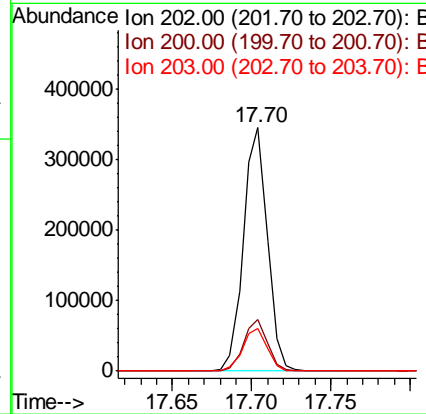
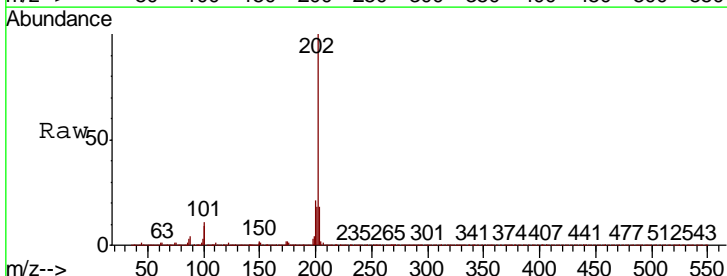
Tgt Ion	Resp	Lower	Upper
184	131906		
185	17.0	12.6	18.8
183	12.4	9.8	14.6

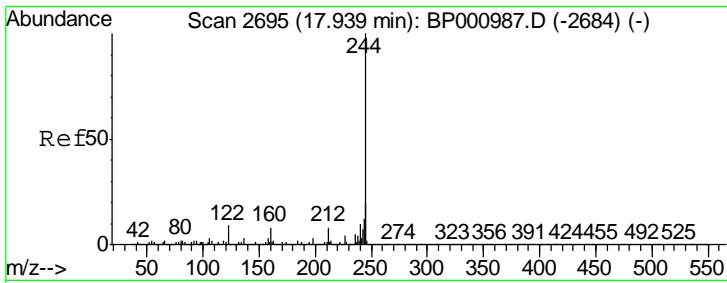
Manual Integrations APPROVED
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#78
Pyrene
Concen: 4.945 ng
RT: 17.70 min Scan# 2655
Delta R.T. -0.01 min
Lab File: BP000997.D
Acq: 07 Nov 2019 11:08

Tgt Ion	Resp	Lower	Upper
202	360491		
200	21.0	17.2	25.8
203	17.5	14.0	21.0





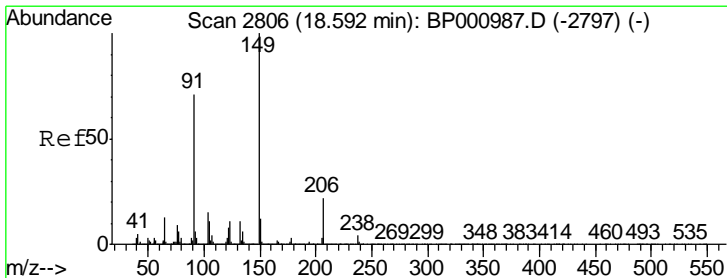
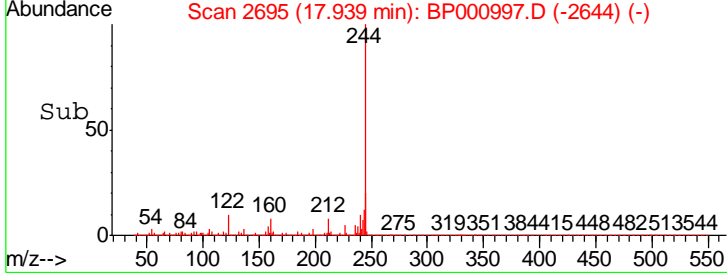
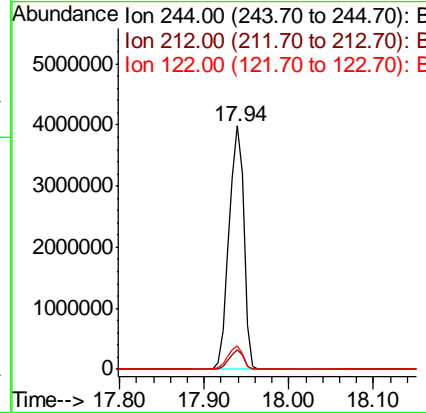
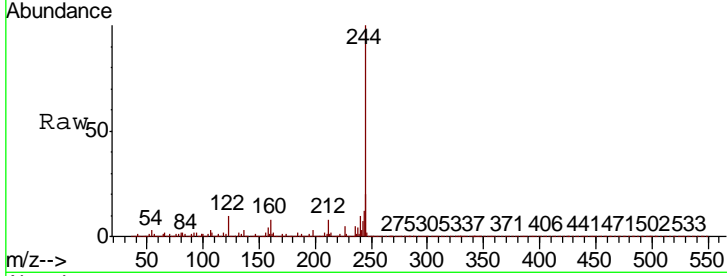
#79
 Terphenyl-d14
 Concen: 93.371 ng
 RT: 17.94 min Scan# 2695
 Delta R.T. -0.00 min
 Lab File: BP000997.D
 Acq: 07 Nov 2019 11:08

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

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.0	9.0
122	9.6	7.4	11.2

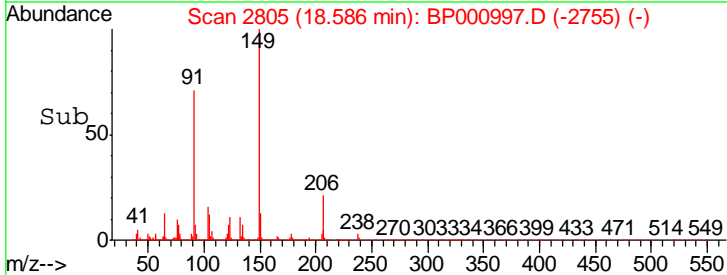
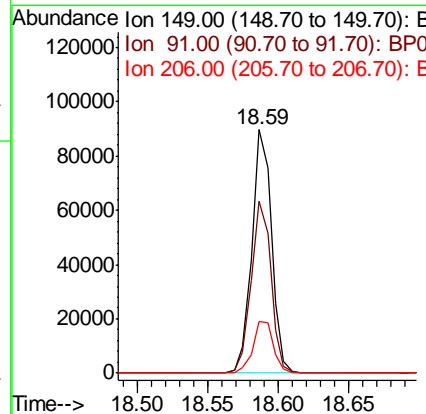
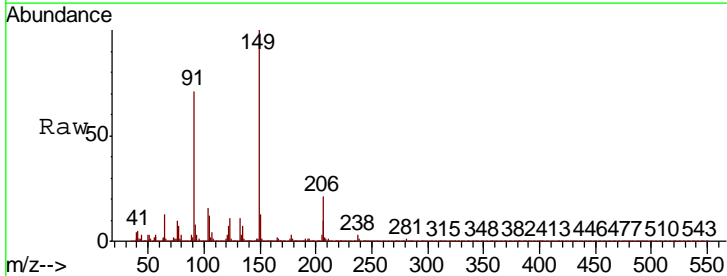
Manual Integrations
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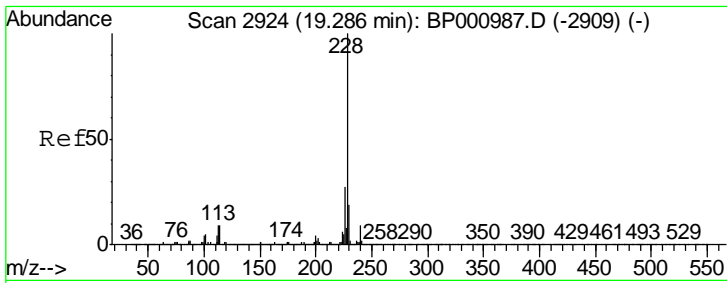
Sohil
 11/8/2019 3:33:44 PM



#80
 Butylbenzylphthalate
 Concen: 3.042 ng
 RT: 18.59 min Scan# 2805
 Delta R.T. -0.01 min
 Lab File: BP000997.D
 Acq: 07 Nov 2019 11:08

Tgt Ion	Ratio	Lower	Upper
149	100		
91	70.5	56.6	84.8
206	21.3	18.0	27.0





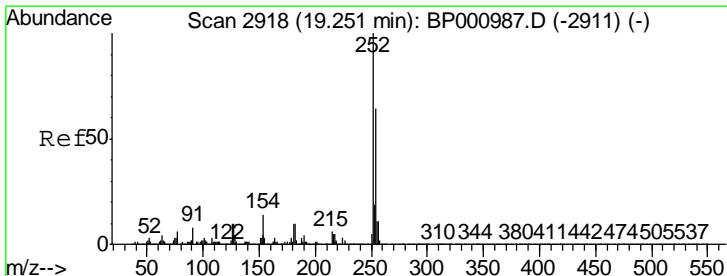
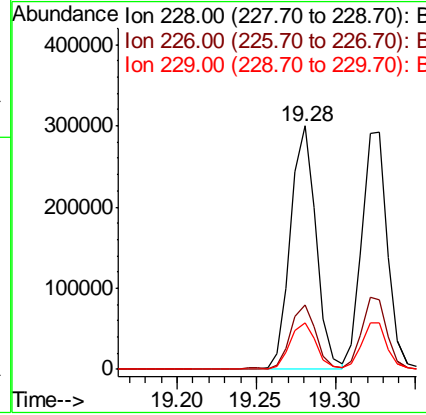
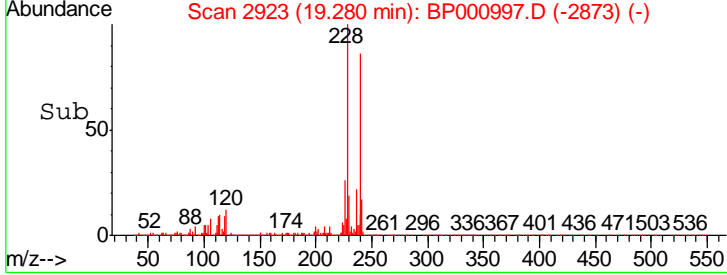
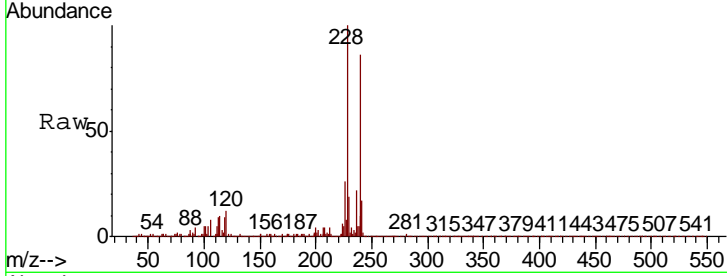
#81
 Benzo(a)anthracene
 Concen: 4.819 ng
 RT: 19.28 min Scan# 2923
 Delta R.T. -0.01 min
 Lab File: BP000997.D
 Acq: 07 Nov 2019 11:08

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

Tgt Ion	Resp	Lower	Upper
228	100		
226	26.3	21.8	32.8
229	19.0	15.6	23.4

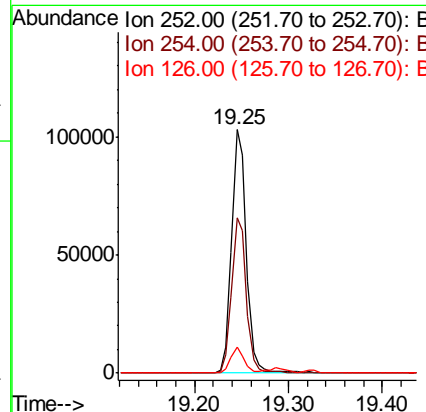
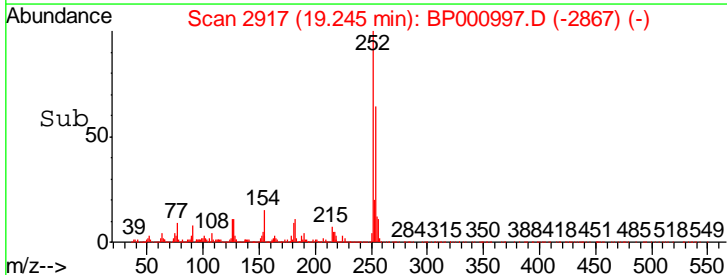
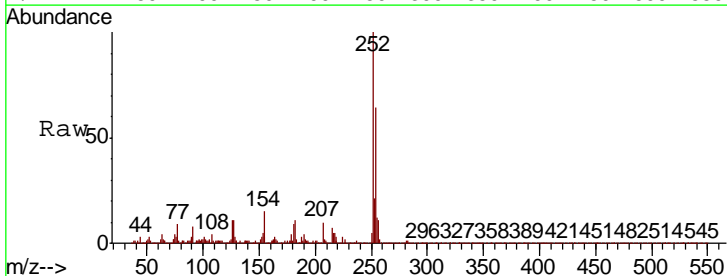
Manual Integrations
 APPROVED

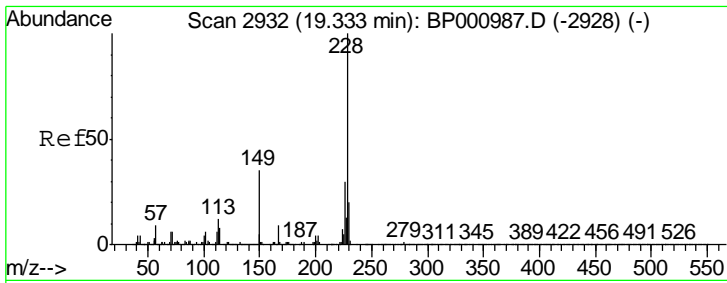
Sohil
 11/8/2019 3:33:44 PM



#82
 3,3'-Dichlorobenzidine
 Concen: 4.436 ng
 RT: 19.25 min Scan# 2917
 Delta R.T. -0.01 min
 Lab File: BP000997.D
 Acq: 07 Nov 2019 11:08

Tgt Ion	Resp	Lower	Upper
252	100		
254	64.0	51.1	76.7
126	10.8	8.3	12.5



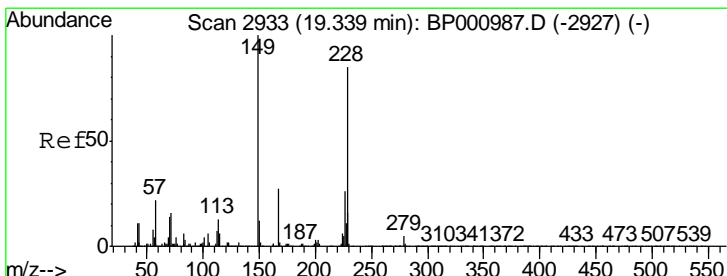
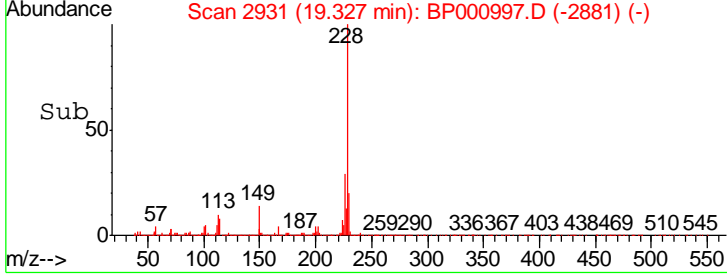
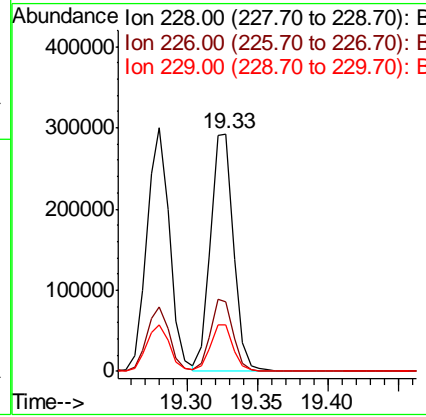
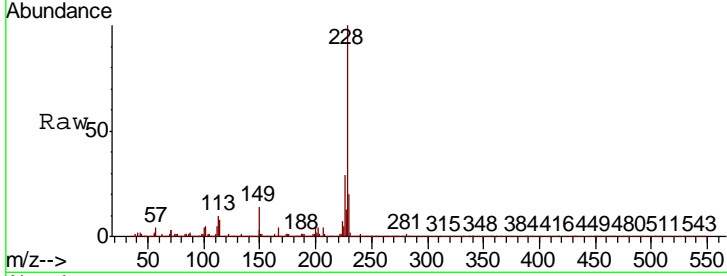


#83
 Chrysene
 Concen: 5.468 ng
 RT: 19.33 min Scan# 2931
 Delta R.T. -0.01 min
 Lab File: BP000997.D
 Acq: 07 Nov 2019 11:08

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

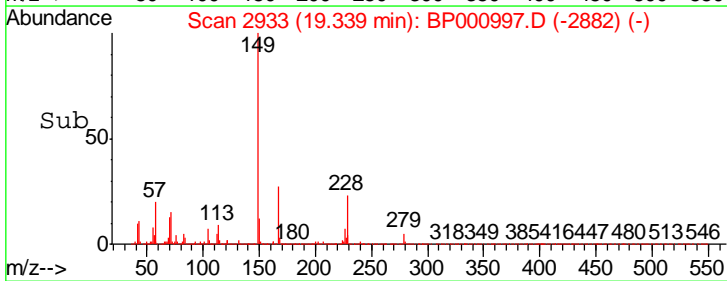
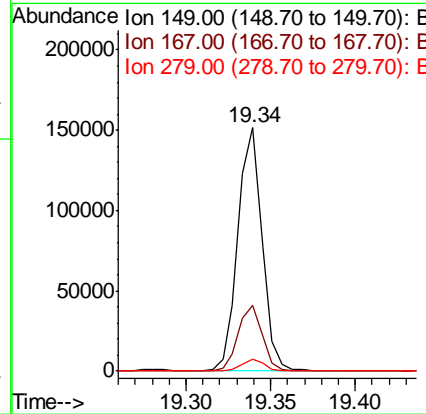
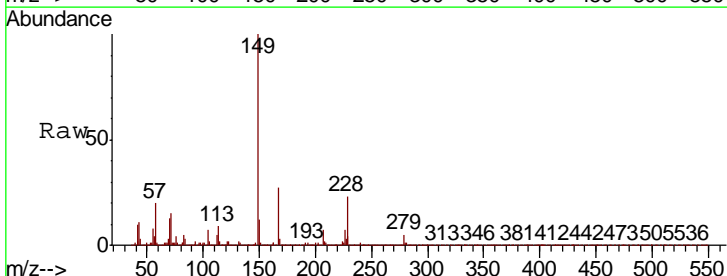
Tgt Ion	Resp	Lower	Upper
228	100		
226	29.3	24.2	36.2
229	19.6	15.8	23.6

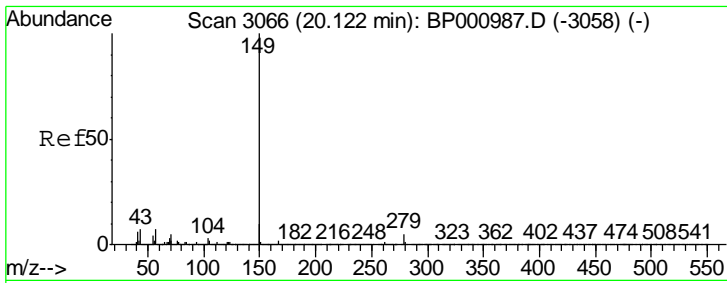
Manual Integrations
APPROVED
 Sohil
 11/8/2019 3:33:44 PM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 4.086 ng
 RT: 19.34 min Scan# 2933
 Delta R.T. -0.00 min
 Lab File: BP000997.D
 Acq: 07 Nov 2019 11:08

Tgt Ion	Resp	Lower	Upper
149	100		
167	27.0	21.4	32.2
279	4.9	3.7	5.5





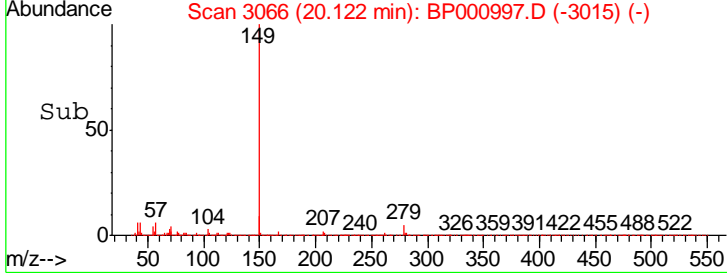
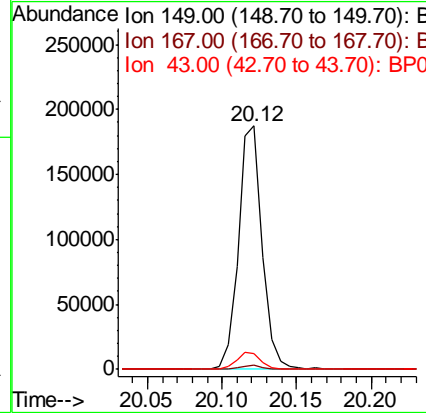
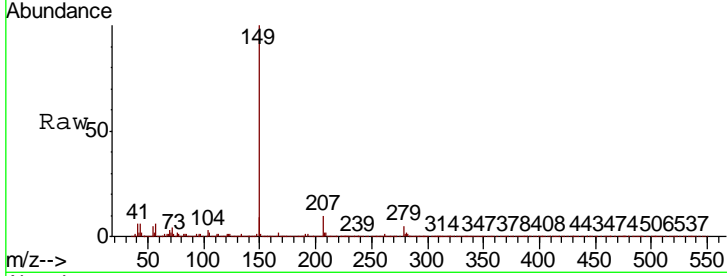
#85
 Di-n-octyl phthalate
 Concen: 3.146 ng
 RT: 20.12 min Scan# 3066
 Delta R.T. -0.00 min
 Lab File: BP000997.D
 Acq: 07 Nov 2019 11:08

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

Tgt Ion	Resp	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	7.1	5.6	8.4

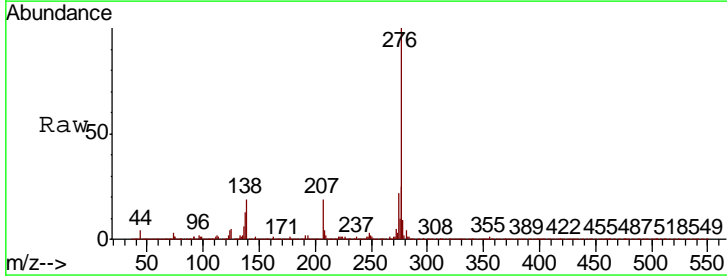
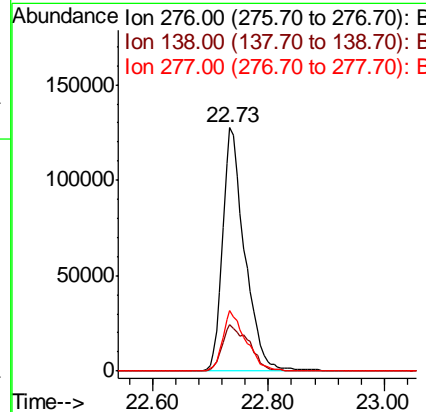
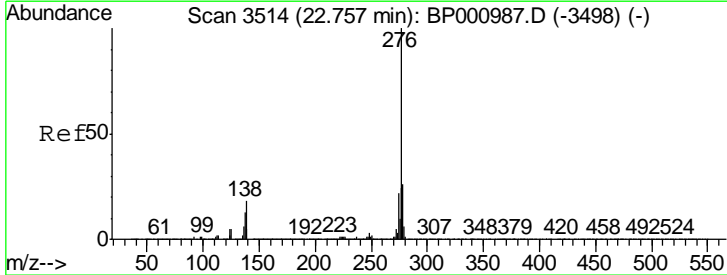
Manual Integrations
APPROVED

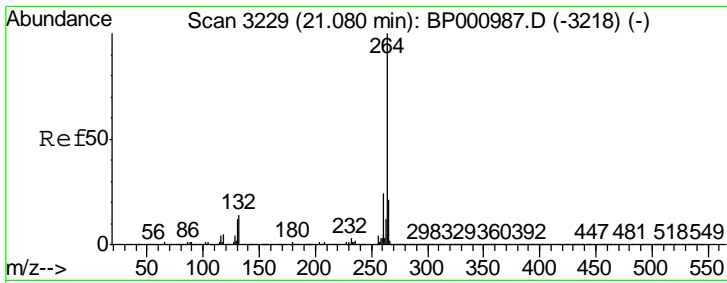
Sohil
 11/8/2019 3:33:44 PM



#86
 Indeno(1,2,3-cd)pyrene
 Concen: 4.060 ng
 RT: 22.73 min Scan# 3510
 Delta R.T. -0.02 min
 Lab File: BP000997.D
 Acq: 07 Nov 2019 11:08

Tgt Ion	Resp	Lower	Upper
276	100		
138	23.2	17.6	26.4
277	25.7	20.2	30.4





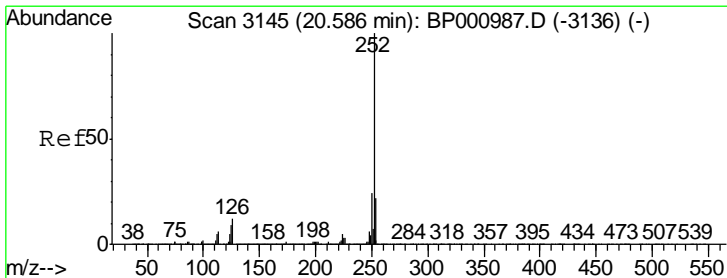
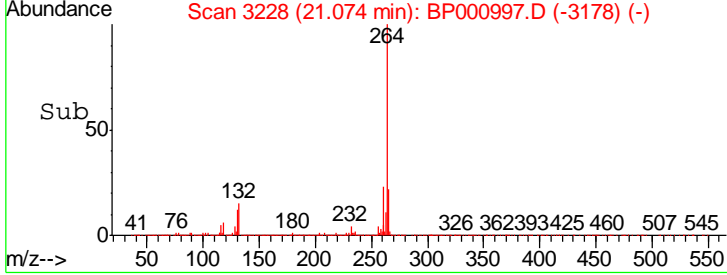
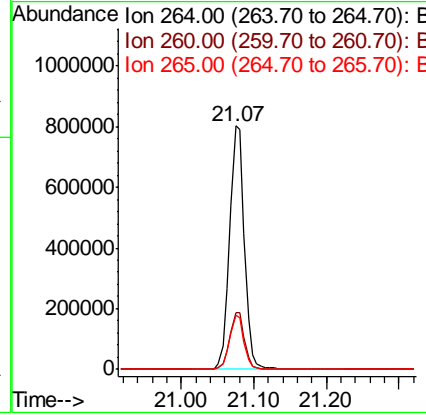
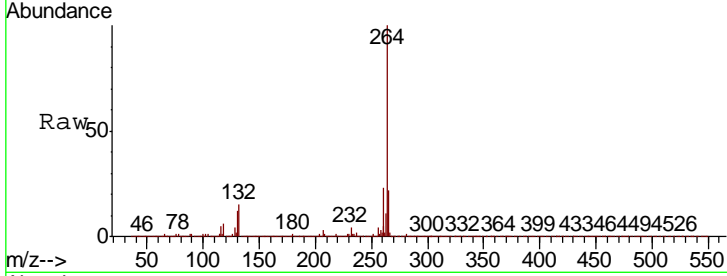
#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 21.07 min Scan# 3228
 Delta R.T. -0.01 min
 Lab File: BP000997.D
 Acq: 07 Nov 2019 11:08

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

Tgt Ion	Resp	Lower	Upper
264	100		
260	23.3	18.8	28.2
265	22.2	17.1	25.7

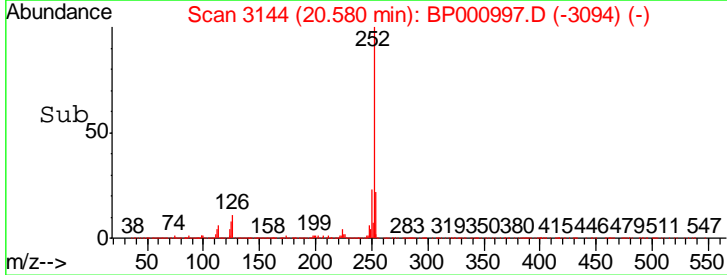
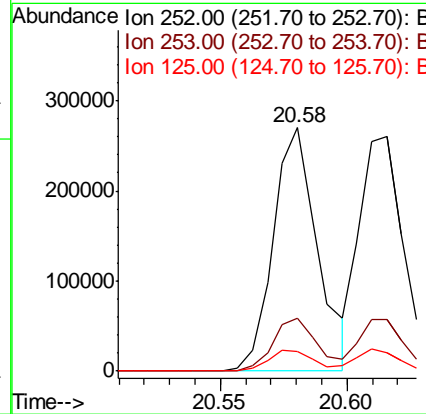
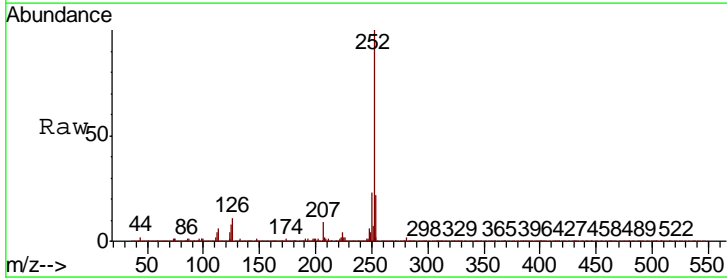
Manual Integrations
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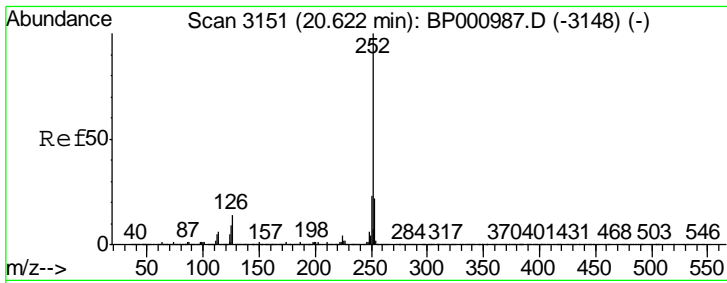
Sohil
 11/8/2019 3:33:44 PM



#88
 Benzo(b)fluoranthene
 Concen: 4.813 ng
 RT: 20.58 min Scan# 3144
 Delta R.T. -0.01 min
 Lab File: BP000997.D
 Acq: 07 Nov 2019 11:08

Tgt Ion	Resp	Lower	Upper
252	100		
253	21.5	17.9	26.9
125	8.2	7.3	10.9



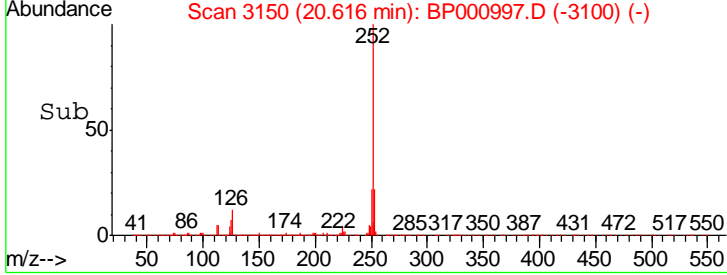
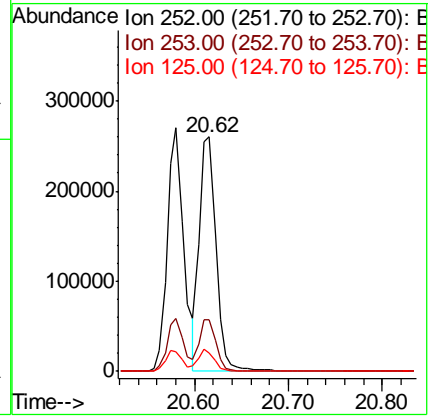
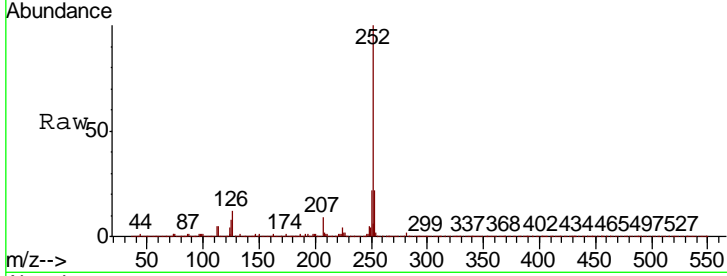


#89
 Benzo(k)fluoranthene
 Concen: 5.037 ng
 RT: 20.62 min Scan# 3150
 Delta R.T. -0.01 min
 Lab File: BP000997.D
 Acq: 07 Nov 2019 11:08

Instrument :
 BNA_P
Client Sampled :
 LOD-MDL-SOIL-01-QT4-2019

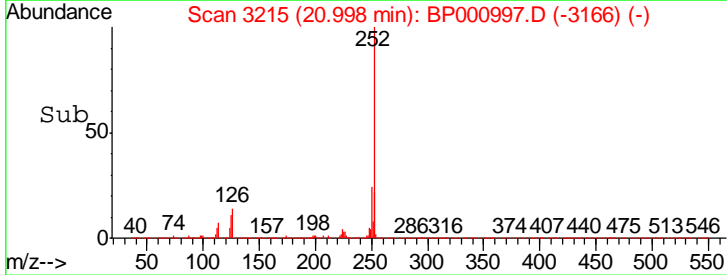
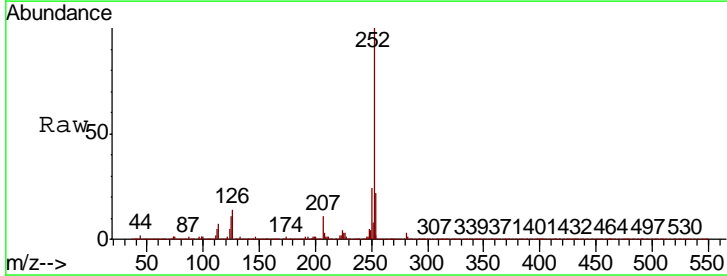
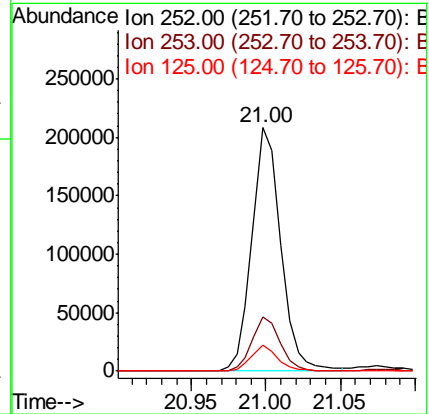
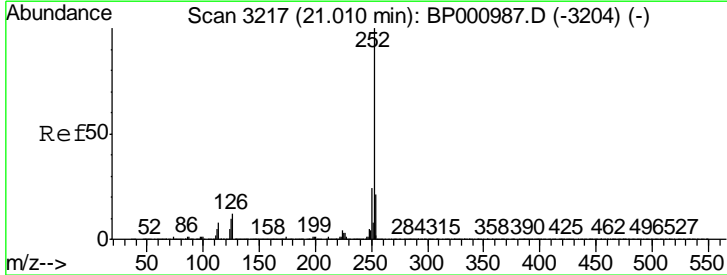
Tgt Ion	Resp	Lower	Upper
252	321458		
253	21.8	17.7	26.5
125	7.6	7.3	10.9

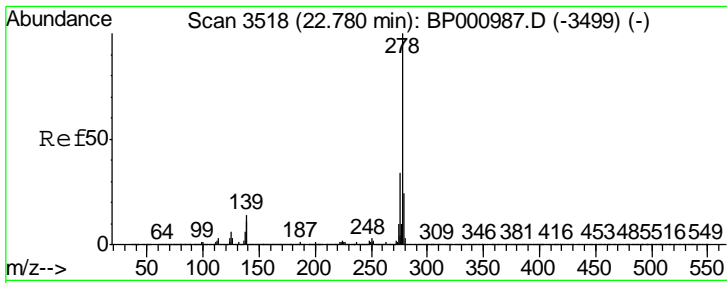
Manual Integrations
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 11/8/2019 3:33:44 PM



#90
 Benzo(a)pyrene
 Concen: 4.455 ng
 RT: 21.00 min Scan# 3215
 Delta R.T. -0.01 min
 Lab File: BP000997.D
 Acq: 07 Nov 2019 11:08

Tgt Ion	Resp	Lower	Upper
252	277758		
253	22.4	17.1	25.7
125	10.7	7.6	11.4





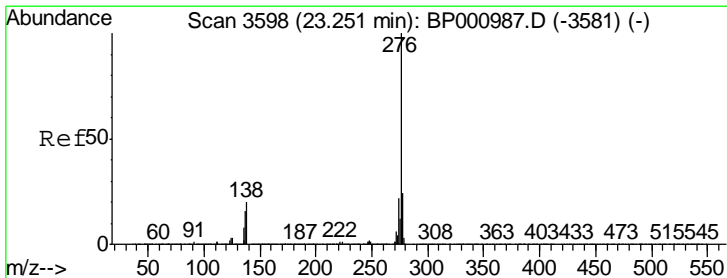
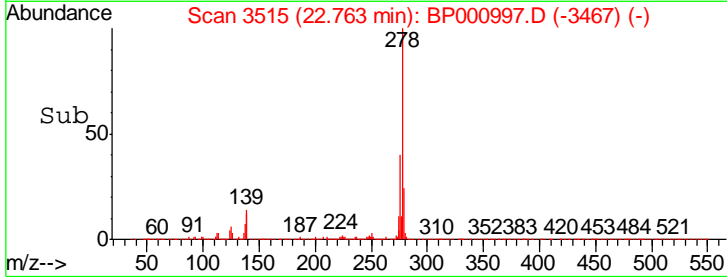
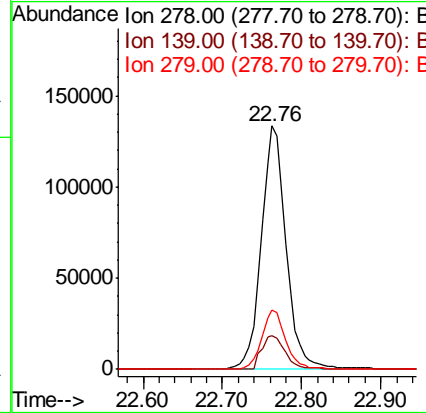
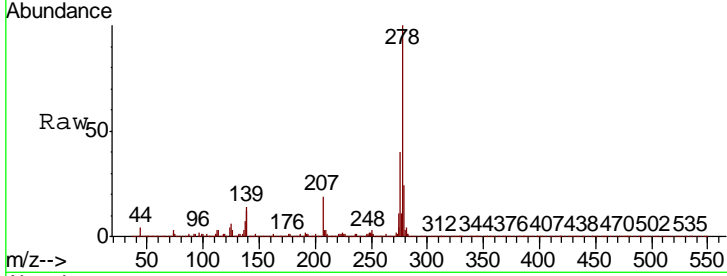
#91
 Dibenzo(a,h)anthracene
 Concen: 4.580 ng
 RT: 22.76 min Scan# 3515
 Delta R.T. -0.02 min
 Lab File: BP000997.D
 Acq: 07 Nov 2019 11:08

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

Tgt Ion	Resp	Lower	Upper
278	291461		
139	14.0	11.3	16.9
279	24.2	19.1	28.7

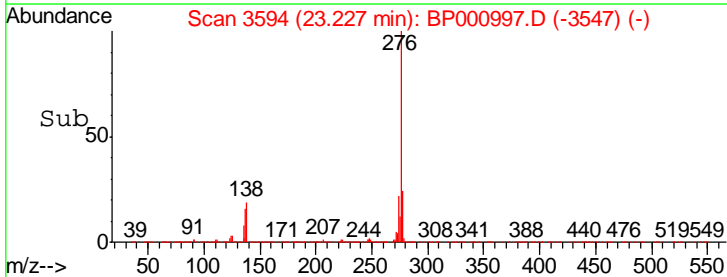
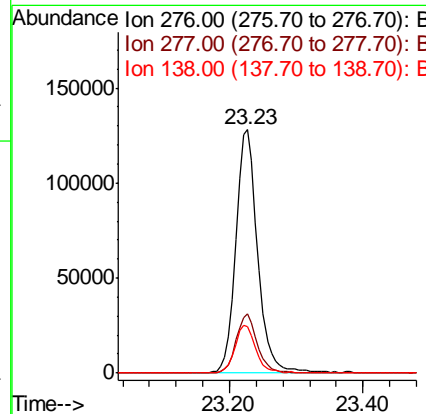
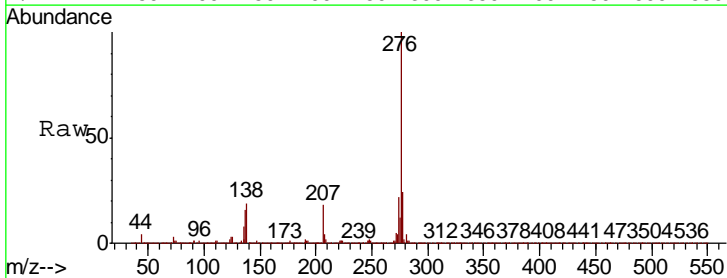
Manual Integrations
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 11/8/2019 3:33:44 PM



#92
 Benzo(g,h,i)perylene
 Concen: 4.583 ng
 RT: 23.23 min Scan# 3594
 Delta R.T. -0.02 min
 Lab File: BP000997.D
 Acq: 07 Nov 2019 11:08

Tgt Ion	Resp	Lower	Upper
276	293672		
277	24.3	19.0	28.4
138	19.3	15.7	23.5



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP110719\
 Data File : BP000997.D
 Acq On : 07 Nov 2019 11:08
 Operator : JU
 Sample : K5111-01
 Misc : LOD-MDL-S-5PPM
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
Client Sampled :
 LOD-MDL-SOIL-01-QT4-2019

Manual Integrations
APPROVED

Sohil
 11/8/2019 3:33:44 PM

Quant Time: Nov 07 12:24:24 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP110619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 07 11:57:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.38	152	238988	20.00	ng	0.00
21) Naphthalene-d8	10.40	136	918185	20.00	ng	0.00
39) Acenaphthene-d10	13.26	164	556036	20.00	ng	0.00
64) Phenanthrene-d10	15.66	188	1141082	20.00	ng	0.00
76) Chrysene-d12	19.29	240	1031546	20.00	ng	0.00
87) Perylene-d12	21.07	264	1137464	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	6.30	112	1873867	142.72	ng	0.00
7) Phenol-d6	7.82	99	2365101	142.45	ng	0.00
23) Nitrobenzene-d5	9.25	82	1683453	101.42	ng	0.00
42) 2,4,6-Tribromophenol	14.56	330	946722	142.63	ng	0.00
45) 2-Fluorobiphenyl	12.18	172	3656164	99.03	ng	0.00
79) Terphenyl-d14	17.94	244	4842088	93.37	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.84	88	26422	4.628	ng	99
3) Pyridine	3.78	79	51391	3.405	ng	98
4) n-Nitrosodimethylamine	3.61	42	19575	3.721	ng	# 96
6) Aniline	7.86	93	117039	5.397	ng	99
8) 2-Chlorophenol	8.04	128	73605	5.286	ng	98
9) Benzaldehyde	7.68	77	63536	5.484	ng	99
10) Phenol	7.83	94	94678m	5.213	ng	
11) bis(2-Chloroethyl)ether	7.98	93	75435	5.336	ng	97
12) 1,3-Dichlorobenzene	8.28	146	89961	5.150	ng	98
13) 1,4-Dichlorobenzene	8.40	146	92444	5.254	ng	97
14) 1,2-Dichlorobenzene	8.64	146	84848	5.215	ng	98
15) Benzyl Alcohol	8.60	79	92148	7.283	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.83	45	74720	5.061	ng	96
17) 2-Methylphenol	8.78	107	61343	5.189	ng	99
18) Hexachloroethane	9.18	117	31907	4.937	ng	92
19) n-Nitroso-di-n-propylamine	9.03	70	52830	5.299	ng	99
20) 3+4-Methylphenols	9.02	107	80658	5.500	ng	# 81
22) Acetophenone	9.01	105	114535	4.830	ng	# 97
24) Nitrobenzene	9.28	77	88692	5.325	ng	99
25) Isophorone	9.67	82	147984	4.844	ng	98
26) 2-Nitrophenol	9.79	139	21418	3.441	ng	93
27) 2,4-Dimethylphenol	9.88	122	66516	5.707	ng	98
28) bis(2-Chloroethoxy)methane	10.03	93	96478	4.830	ng	99
29) 2,4-Dichlorophenol	10.18	162	63707	4.529	ng	97
30) 1,2,4-Trichlorobenzene	10.32	180	84466	4.887	ng	100
31) Naphthalene	10.43	128	242306	5.282	ng	99
32) Benzoic acid	9.96	122	4320	0.685	ng	92
33) 4-Chloroaniline	10.53	127	96200	4.890	ng	100
34) Hexachlorobutadiene	10.66	225	54879	4.806	ng	96
35) Caprolactam	11.04	113	18037	4.062	ng	91
36) 4-Chloro-3-methylphenol	11.32	107	67173	4.598	ng	99
37) 2-Methylnaphthalene	11.56	142	169192	5.269	ng	98
38) 1-Methylnaphthalene	11.72	142	159774	5.266	ng	100
40) 1,2,4,5-Tetrachlorobenzene	11.84	216	93926	5.073	ng	100

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP110719\
 Data File : BP000997.D
 Acq On : 07 Nov 2019 11:08
 Operator : JU
 Sample : K5111-01
 Misc : LOD-MDL-S-5PPM
 ALS Vial : 5 Sample Multiplier: 1

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

Manual Integrations
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 11/8/2019 3:33:44 PM

Quant Time: Nov 07 12:24:24 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	48974	5.280	ng	100
43) 2,4,6-Trichlorophenol	12.03	196	43434	3.891	ng	99
44) 2,4,5-Trichlorophenol	12.07	196	50906	4.265	ng	96
46) 1,1'-Biphenyl	12.33	154	221904	5.337	ng	99
47) 2-Chloronaphthalene	12.36	162	167535	5.006	ng	98
48) 2-Nitroaniline	12.52	65	29773	3.398	ng	99
49) Acenaphthylene	13.03	152	262186	5.153	ng	99
50) Dimethylphthalate	12.85	163	203751	4.956	ng	100
51) 2,6-Dinitrotoluene	12.93	165	34236	3.992	ng	93
52) Acenaphthene	13.32	154	154790	5.086	ng	97
53) 3-Nitroaniline	13.19	138	34485	3.686	ng	90
54) 2,4-Dinitrophenol	13.36	184	3608m	1.707	ng	
55) Dibenzofuran	13.60	168	255694	5.379	ng	99
56) 4-Nitrophenol	13.46	139	21457	3.298	ng	94
57) 2,4-Dinitrotoluene	13.58	165	38319	3.557	ng	# 91
58) Fluorene	14.16	166	197189	5.212	ng	100
59) 2,3,4,6-Tetrachlorophenol	13.80	232	38927m	3.836	ng	
60) Diethylphthalate	14.02	149	192749	4.667	ng	99
61) 4-Chlorophenyl-phenylether	14.18	204	107901	5.394	ng	99
62) 4-Nitroaniline	12.52	138	32692	3.259	ng	98
63) Azobenzene	14.44	77	177845	4.920	ng	98
65) 4,6-Dinitro-2-methylphenol	14.25	198	7700	2.392	ng	98
66) n-Nitrosodiphenylamine	14.37	169	171923	5.240	ng	98
67) 4-Bromophenyl-phenylether	14.98	248	64064	4.769	ng	96
68) Hexachlorobenzene	15.06	284	77280	4.964	ng	96
69) Atrazine	15.25	200	49223	4.120	ng	99
70) Pentachlorophenol	15.37	266	19750	2.850	ng	98
71) Phenanthrene	15.69	178	311235	5.329	ng	99
72) Anthracene	15.77	178	300593	5.276	ng	99
73) Carbazole	16.01	167	266946	5.111	ng	98
74) Di-n-butylphthalate	16.57	149	259756	4.121	ng	99
75) Fluoranthene	17.40	202	332348	5.035	ng	98
77) Benzidine	17.59	184	131906	3.472	ng	98
78) Pyrene	17.70	202	360491	4.945	ng	99
80) Butylbenzylphthalate	18.59	149	87811	3.042	ng	99
81) Benzo(a)anthracene	19.28	228	334780	4.819	ng	98
82) 3,3'-Dichlorobenzidine	19.25	252	112372	4.436	ng	100
83) Chrysene	19.33	228	333506	5.468	ng	99
84) Bis(2-ethylhexyl)phthalate	19.34	149	149978	4.086	ng	100
85) Di-n-octyl phthalate	20.12	149	207854	3.146	ng	100
86) Indeno(1,2,3-cd)pyrene	22.73	276	338821	4.060	ng	98
88) Benzo(b)fluoranthene	20.58	252	326363	4.813	ng	98
89) Benzo(k)fluoranthene	20.62	252	321458	5.037	ng	98
90) Benzo(a)pyrene	21.00	252	277758	4.455	ng	98
91) Dibenzo(a,h)anthracene	22.76	278	291461	4.580	ng	100
92) Benzo(g,h,i)perylene	23.23	276	293672	4.583	ng	99

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