

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP061020\
 Data File : BP002382.D
 Acq On : 10 Jun 2020 19:25
 Operator : CG/JU
 Sample : L1161-01
 Misc : LOD-MDL-S-5PPM
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2020

Manual Integrations
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 6/11/2020 1:49:34 PM

Quant Time: Jun 11 04:58:35 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP060520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 11 03:54:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	174007	20.00	ng	0.00
21) Naphthalene-d8	10.36	136	662866	20.00	ng	0.00
39) Acenaphthene-d10	14.24	164	436454	20.00	ng	0.00
64) Phenanthrene-d10	16.99	188	991217	20.00	ng	0.00
76) Chrysene-d12	21.10	240	1001243	20.00	ng	-0.01
86) Perylene-d12	23.29	264	1158071	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.21	112	1486261	158.05	ng	0.00
7) Phenol-d6	6.78	99	1932726	154.37	ng	0.00
23) Nitrobenzene-d5	8.73	82	1280693	115.38	ng	0.00
42) 2,4,6-Tribromophenol	15.73	330	942104	225.45	ng	0.00
45) 2-Fluorobiphenyl	12.85	172	2935655	113.09	ng	0.00
79) Terphenyl-d14	19.59	244	4483754	117.34	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.17	88	22538	5.203	ng	98
3) Pyridine	3.56	79	52376	4.449	ng	96
4) n-Nitrosodimethylamine	3.47	42	21853	4.504	ng	# 98
6) Aniline	6.92	93	82955	4.872	ng	98
8) 2-Chlorophenol	7.16	128	53614	5.071	ng	94
9) Benzaldehyde	6.74	77	50697	7.925	ng	97
10) Phenol	6.80	94	66437	4.893	ng	94
11) bis(2-Chloroethyl)ether	7.03	93	54460	4.804	ng	99
12) 1,3-Dichlorobenzene	7.48	146	61006	5.011	ng	97
13) 1,4-Dichlorobenzene	7.63	146	63047	5.147	ng	98
14) 1,2-Dichlorobenzene	7.94	146	60694	5.172	ng	95
15) Benzyl Alcohol	7.83	79	40687	4.193	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.13	45	72326	4.496	ng	98
17) 2-Methylphenol	8.04	107	42608	4.294	ng	97
18) Hexachloroethane	8.66	117	21771	4.878	ng	96
19) n-Nitroso-di-n-propylamine	8.39	70	41591	4.970	ng	96
20) 3+4-Methylphenols	8.36	107	55922	4.176	ng	97
22) Acetophenone	8.40	105	83851	5.631	ng	# 99
24) Nitrobenzene	8.78	77	66316	5.558	ng	100
25) Isophorone	9.30	82	112658	4.983	ng	100
26) 2-Nitrophenol	9.49	139	23735	4.464	ng	100
27) 2,4-Dimethylphenol	9.56	122	28886	3.463	ng	92
28) bis(2-Chloroethoxy)methane	9.79	93	72184	5.361	ng	99
29) 2,4-Dichlorophenol	10.02	162	47014	5.007	ng	98
30) 1,2,4-Trichlorobenzene	10.23	180	59750	5.709	ng	97
31) Naphthalene	10.41	128	175044	5.684	ng	99
32) Benzoic acid	9.64	122	4776m	0.753	ng	
33) 4-Chloroaniline	10.52	127	67918	5.052	ng	99
34) Hexachlorobutadiene	10.72	225	34532	5.654	ng	98
35) Caprolactam	11.26	113	15838	4.783	ng	93
36) 4-Chloro-3-methylphenol	11.66	107	48985	4.822	ng	99
37) 2-Methylnaphthalene	12.03	142	125544	5.744	ng	98
38) 1-Methylnaphthalene	12.26	142	120285	5.863	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.42	216	71588	6.222	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.40	237	26253	4.292	ng	97
43) 2,4,6-Trichlorophenol	12.66	196	38863	4.773	ng	98
44) 2,4,5-Trichlorophenol	12.73	196	40829	4.330	ng	96
46) 1,1'-Biphenyl	13.06	154	176032	6.154	ng	97
47) 2-Chloronaphthalene	13.10	162	129037	5.515	ng	95
48) 2-Nitroaniline	13.30	65	26865	3.597	ng	97
49) Acenaphthylene	13.95	152	197877	5.299	ng	99
50) Dimethylphthalate	13.70	163	161676	5.406	ng	99
51) 2,6-Dinitrotoluene	13.81	165	29033	4.470	ng	98
52) Acenaphthene	14.30	154	121353	5.547	ng	100
53) 3-Nitroaniline	14.14	138	28227	3.806	ng	96
54) 2,4-Dinitrophenol	14.36	184	7010	1.968	ng	98
55) Dibenzofuran	14.64	168	207049	5.878	ng	98
56) 4-Nitrophenol	14.46	139	19393	3.294	ng	98
57) 2,4-Dinitrotoluene	14.60	165	37537	4.246	ng	98
58) Fluorene	15.29	166	159568	5.760	ng	98
59) 2,3,4,6-Tetrachlorophenol	14.87	232	40002	5.345	ng	94
60) Diethylphthalate	15.08	149	157545	5.258	ng	99
61) 4-Chlorophenyl-phenylether	15.30	204	85858	6.393	ng	92
62) 4-Nitroaniline	15.30	138	28694	4.027	ng	92
63) Azobenzene	15.59	77	149180	5.001	ng	98
65) 4,6-Dinitro-2-methylphenol	15.37	198	17133	3.276	ng	94
66) n-Nitrosodiphenylamine	15.51	169	139100	5.493	ng	97
67) 4-Bromophenyl-phenylether	16.19	248	53009	5.645	ng	94
68) Hexachlorobenzene	16.30	284	63435	6.366	ng	97
69) Atrazine	16.47	200	51315	6.212	ng	99
70) Pentachlorophenol	16.65	266	22223	3.728	ng	96
71) Phenanthrene	17.03	178	266033	5.738	ng	99
72) Anthracene	17.13	178	261666	5.681	ng	96
73) Carbazole	17.40	167	232005	5.120	ng	99
74) Di-n-butylphthalate	17.99	149	241907	4.511	ng	98
75) Fluoranthene	19.02	202	308233	5.569	ng	99
77) Benzidine	19.20	184	116805	5.221	ng	99
78) Pyrene	19.37	202	332975	5.429	ng	97
80) Butylbenzylphthalate	20.27	149	100245	3.677	ng	95
81) Benzo(a)anthracene	21.08	228	329978	5.774	ng	99
82) 3,3'-Dichlorobenzidine	21.02	252	115965	5.460	ng	97
83) Chrysene	21.13	228	328416	6.065	ng	97
84) Bis(2-ethylhexyl)phthalate	21.04	149	167060	4.213	ng	99
85) Di-n-octyl phthalate	21.90	149	275768	3.965	ng	99
87) Indeno(1,2,3-cd)pyrene	25.50	276	388439	5.363	ng	97
88) Benzo(b)fluoranthene	22.64	252	316717	5.071	ng	99
89) Benzo(k)fluoranthene	22.68	252	337492	5.688	ng	100
90) Benzo(a)pyrene	23.20	252	293129	5.009	ng	98
91) Dibenzo(a,h)anthracene	25.52	278	323545	5.569	ng	99
92) Benzo(g,h,i)perylene	26.17	276	324215	5.388	ng	95

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

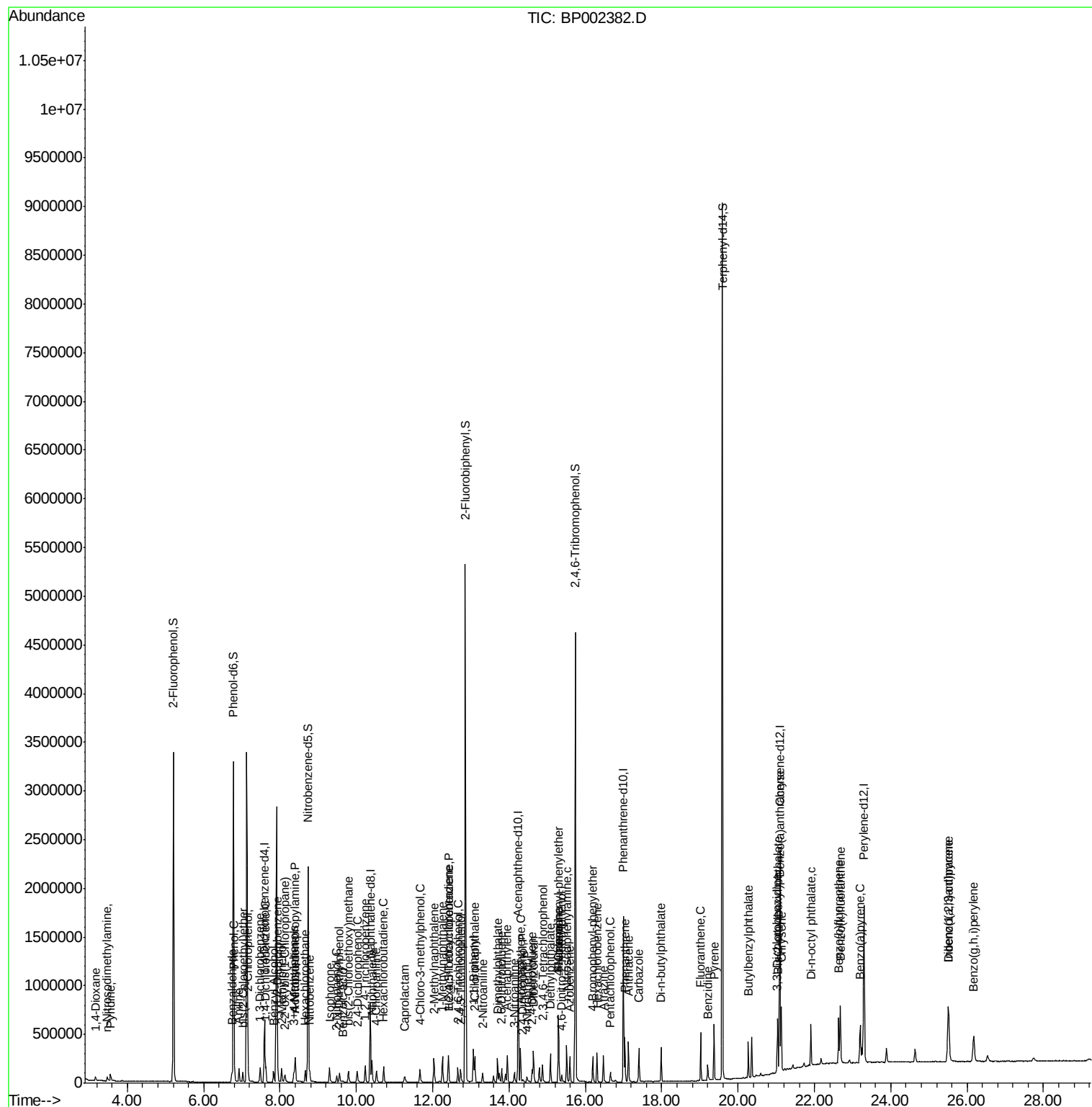
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP061020\
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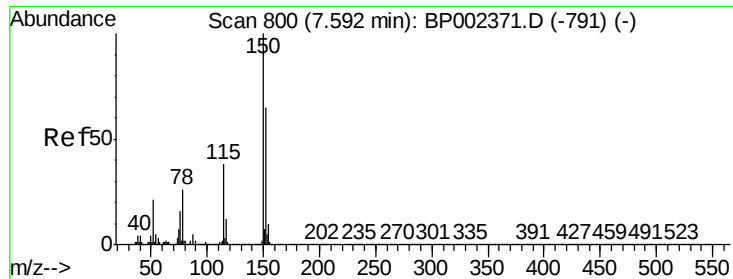
Instrument :
BNA_P
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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.59 min Scan# 800

Delta R.T. 0.00 min

Lab File: BP002382.D

Acq: 10 Jun 2020 19:25

Instrument :

BNA_P

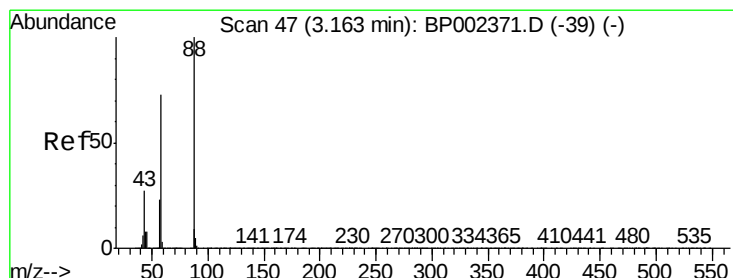
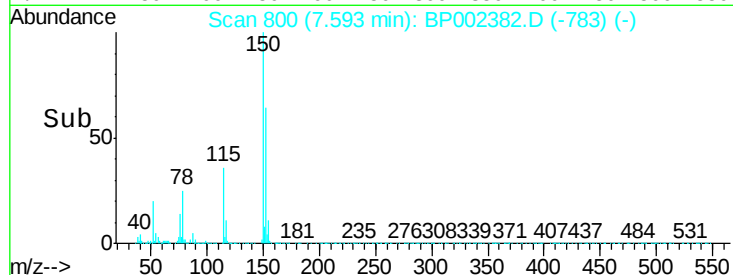
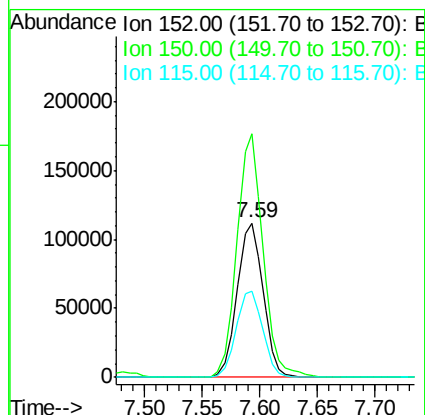
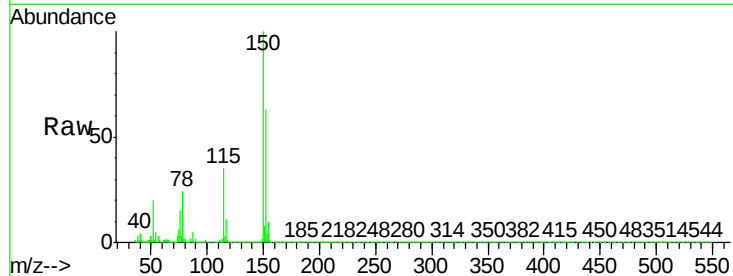
ClientSampleId :

LOD-MDL-SOIL-01-QT1-2020

Tot Ion:	152	Resp:	174007
Ion Ratio	Lower	Upper	
152	100		
150	158.0	124.0	186.0
115	55.7	47.4	71.0

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#2

1,4-Dioxane

Concen: 5.203 ng

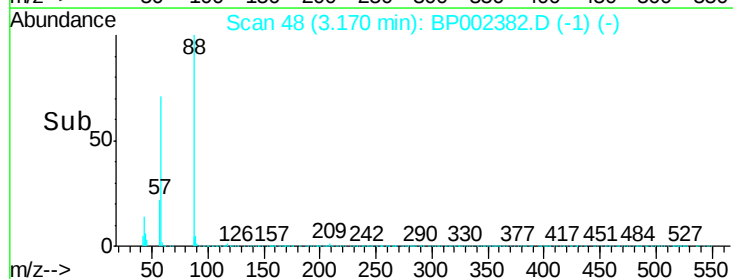
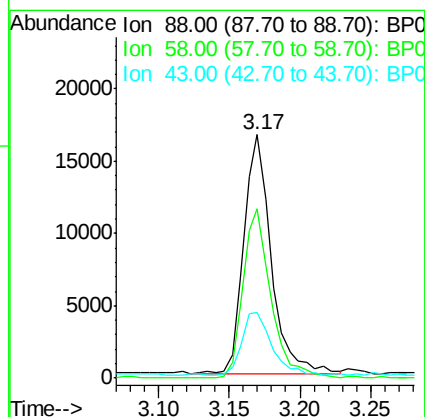
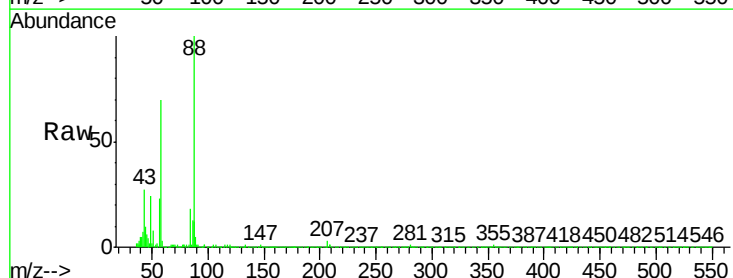
RT: 3.17 min Scan# 48

Delta R.T. 0.01 min

Lab File: BP002382.D

Acq: 10 Jun 2020 19:25

Tgt Ion:	88	Resp:	22538
Ion Ratio	Lower	Upper	
88	100		
58	71.3	58.2	87.4
43	28.7	21.8	32.8





#3

Pvridine

Concen: 4.449 ng

RT: 3.56 min Scan# 114

Delta R.T. 0.01 min

Lab File: BP002382.D

Acq: 10 Jun 2020 19:25

Instrument :

BNA_P

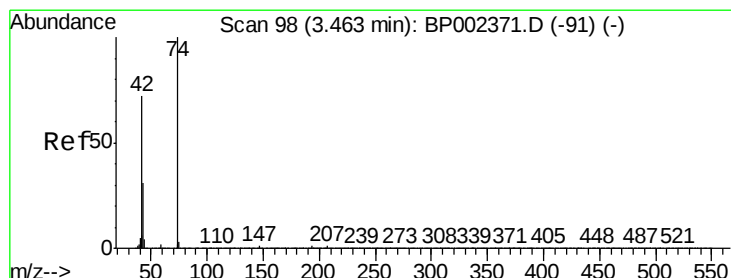
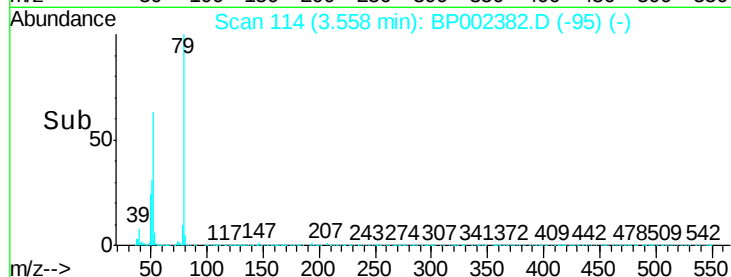
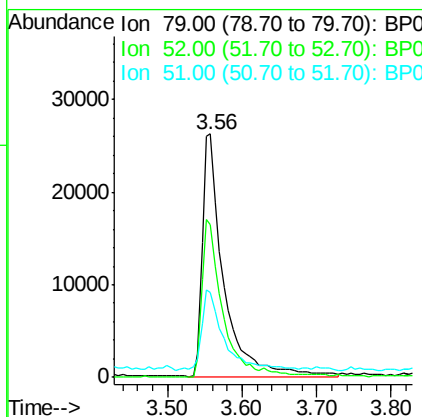
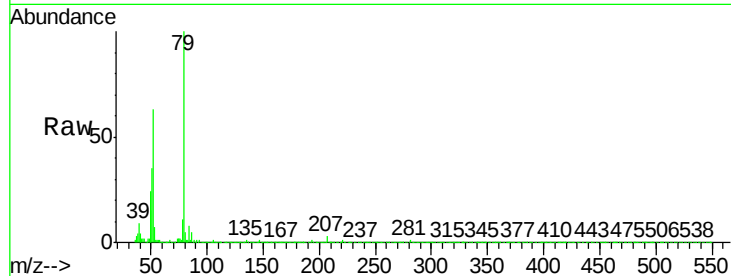
ClientSampleId :

LOD-MDL-SOIL-01-QT1-2020

Tot Ion:	79	Resp:	52376
Ion Ratio	Lower	Upper	
79	100		
52	62.7	52.5	78.7
51	35.1	26.1	39.1

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#4

n-Nitrosodimethylamine

Concen: 4.504 ng

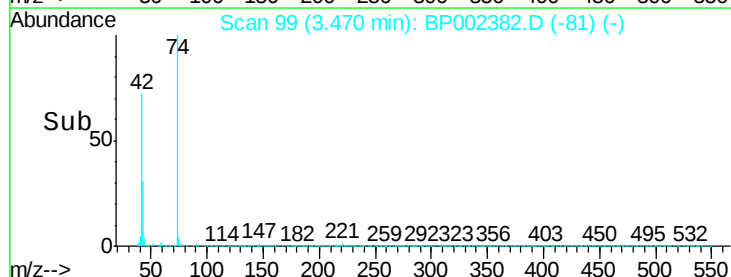
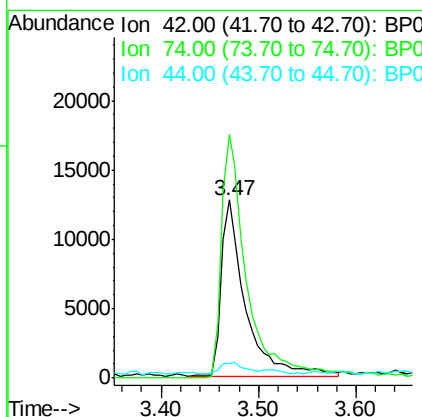
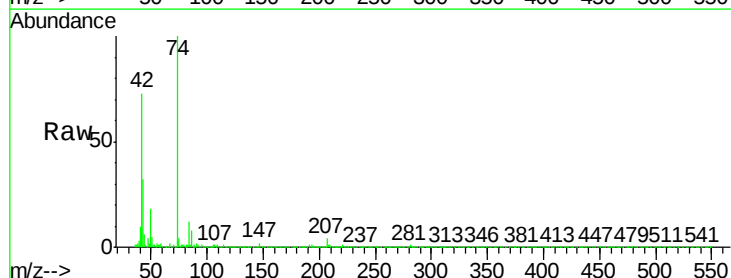
RT: 3.47 min Scan# 99

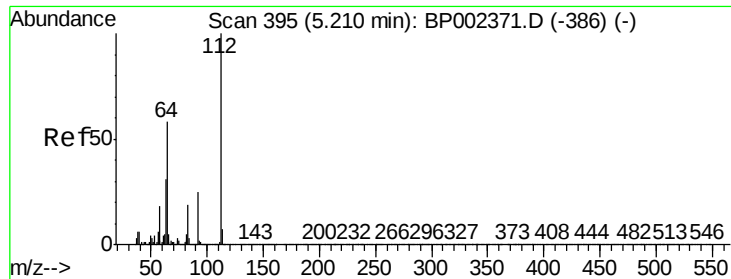
Delta R.T. 0.01 min

Lab File: BP002382.D

Acq: 10 Jun 2020 19:25

Tgt Ion:	42	Resp:	21853
Ion Ratio	Lower	Upper	
42	100		
74	137.0	111.1	166.7
44	8.1	5.4	8.0#





#5

2-Fluorophenol

Concen: 158.051 ng

RT: 5.21 min Scan# 395

Delta R.T. 0.00 min

Lab File: BP002382.D

Acq: 10 Jun 2020 19:25

Instrument :

BNA_P

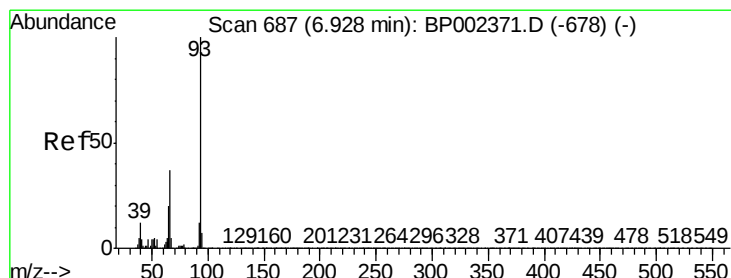
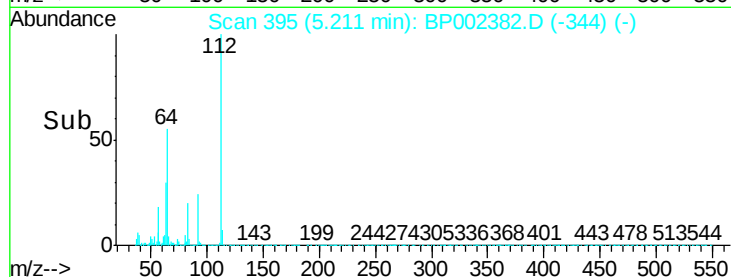
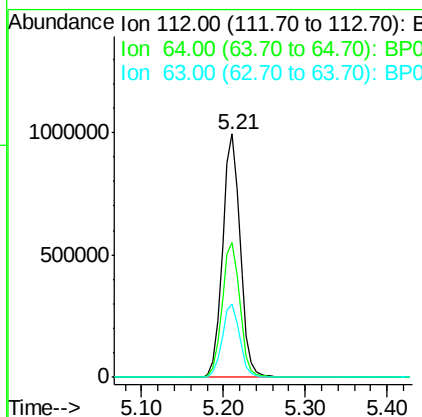
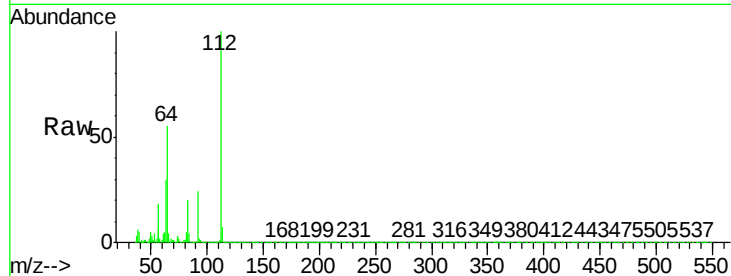
ClientSampleId :

LOD-MDL-SOIL-01-QT1-2020

Tot Ion:	112	Resp:	1486261
Ion Ratio	Lower	Upper	
112	100		
64	55.4	46.2	69.2
63	30.0	24.5	36.7

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#6

Aniline

Concen: 4.872 ng

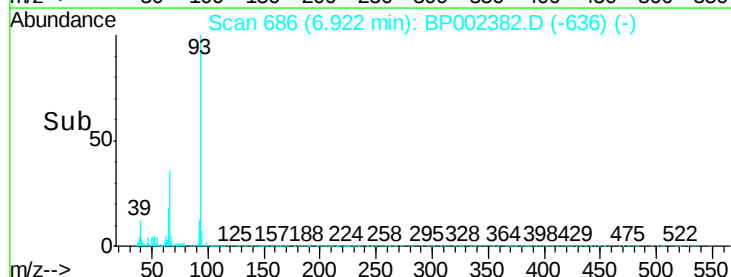
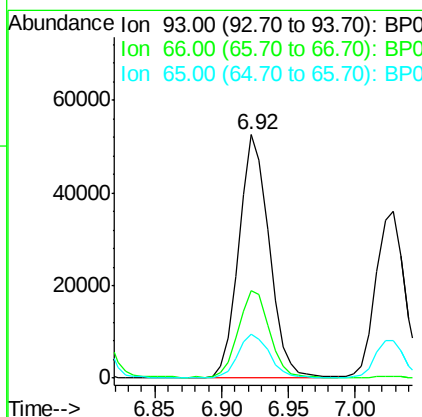
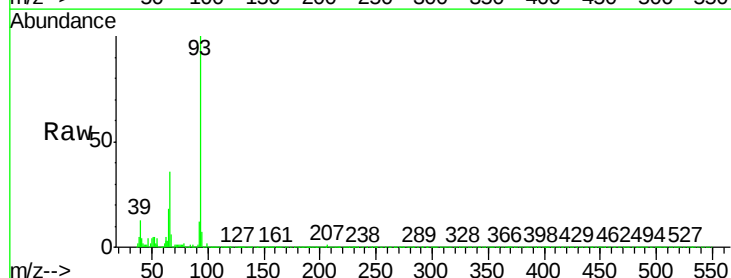
RT: 6.92 min Scan# 686

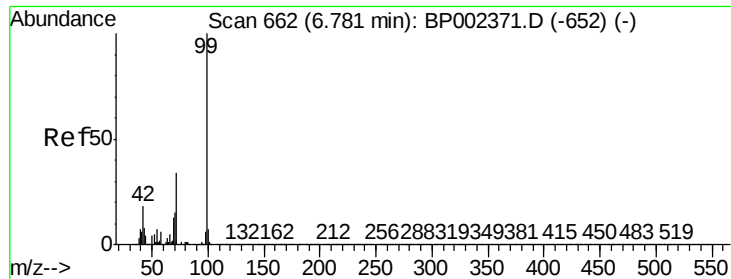
Delta R.T. -0.01 min

Lab File: BP002382.D

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Tgt Ion:	93	Resp:	82955
Ion Ratio	Lower	Upper	
93	100		
66	36.0	29.8	44.6
65	18.1	15.7	23.5





#7

Phenol-d6

Concen: 154.371 ng

RT: 6.78 min Scan# 662

Delta R.T. 0.00 min

Lab File: BP002382.D

Acq: 10 Jun 2020 19:25

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2020

Tot Ion: 99 Resp: 1932726

Ion Ratio Lower Upper

99 100

42 17.5 14.6 22.0

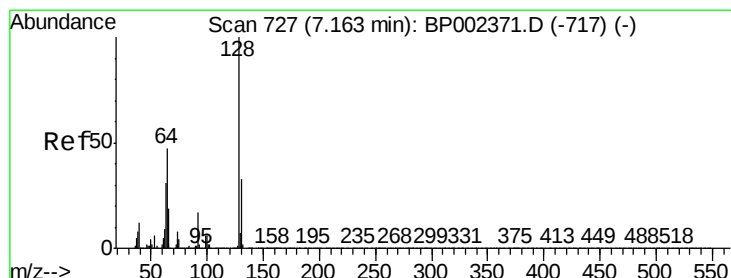
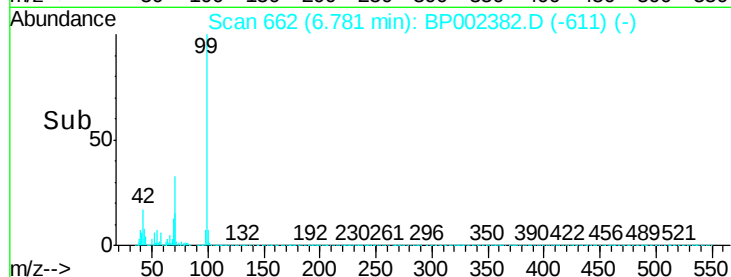
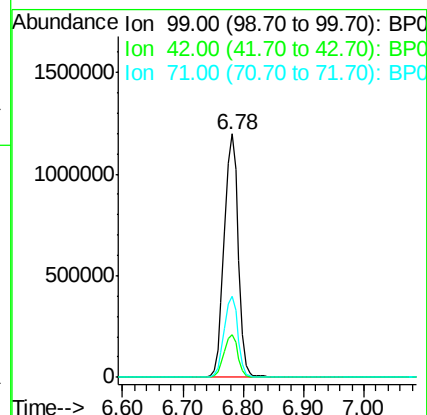
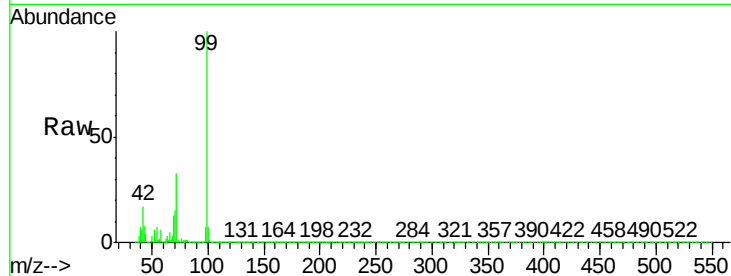
71 33.2 27.2 40.8

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#8

2-Chlorophenol

Concen: 5.071 ng

RT: 7.16 min Scan# 726

Delta R.T. -0.01 min

Lab File: BP002382.D

Acq: 10 Jun 2020 19:25

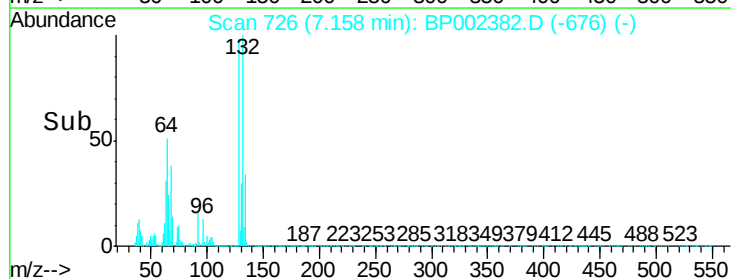
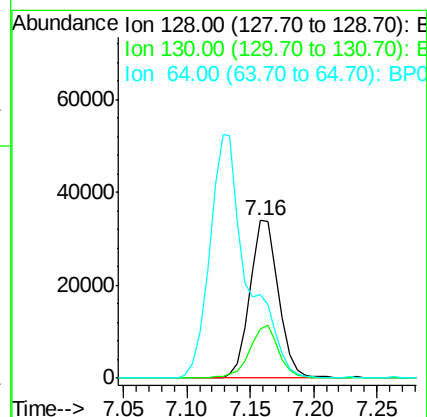
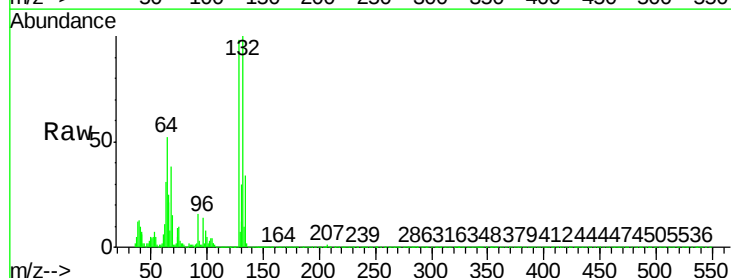
Tgt Ion: 128 Resp: 53614

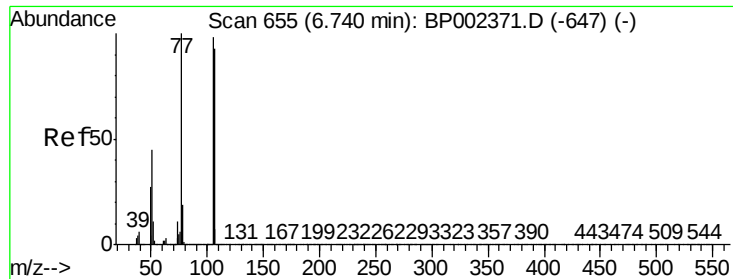
Ion Ratio Lower Upper

128 100

130 30.9 12.5 52.5

64 52.8 27.7 67.7





#9

Benzaldehyde

Concen: 7.925 ng

RT: 6.74 min Scan# 655

Delta R.T. 0.00 min

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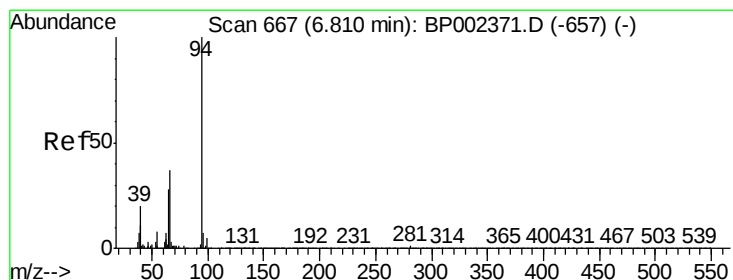
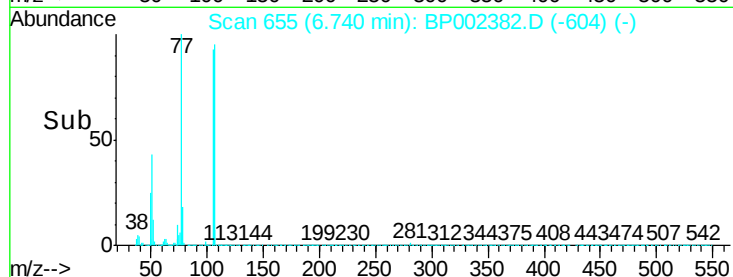
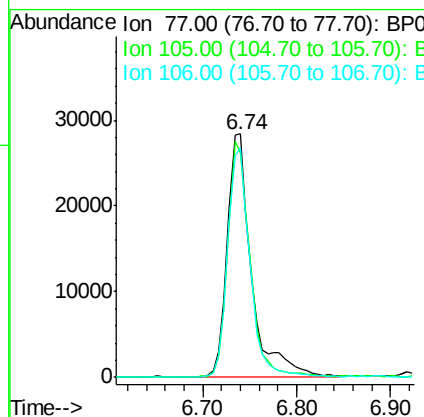
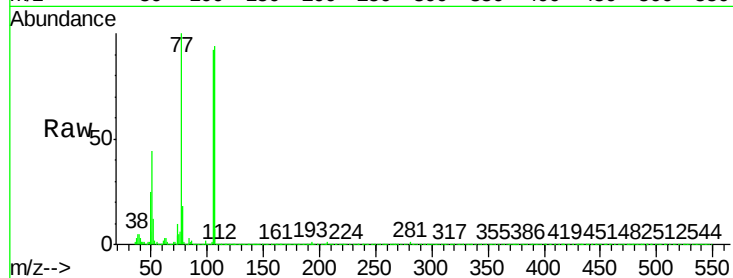
ClientSampleId :

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Tot Ion:	77	Resp:	50697
Ion Ratio	Lower	Upper	
77	100		
105	92.3	78.1	118.1
106	94.0	73.2	113.2

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#10

Phenol

Concen: 4.893 ng

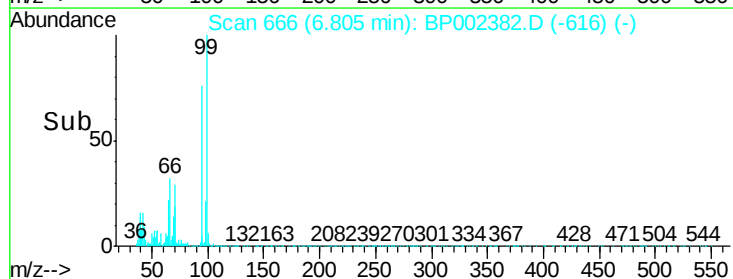
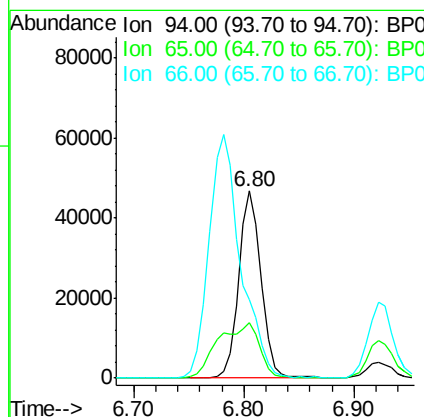
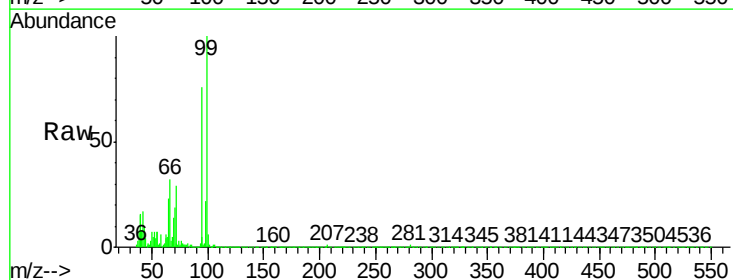
RT: 6.80 min Scan# 666

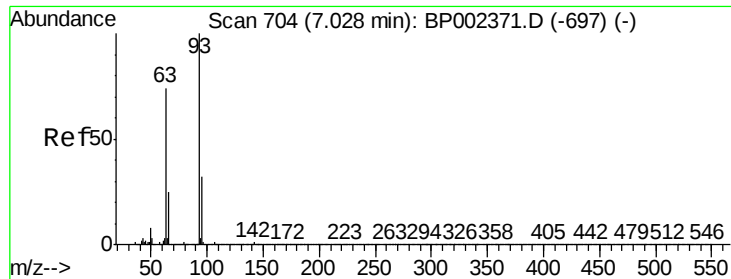
Delta R.T. -0.01 min

Lab File: BP002382.D

Acq: 10 Jun 2020 19:25

Tgt Ion:	94	Resp:	66437
Ion Ratio	Lower	Upper	
94	100		
65	29.9	7.7	47.7
66	41.7	16.9	56.9





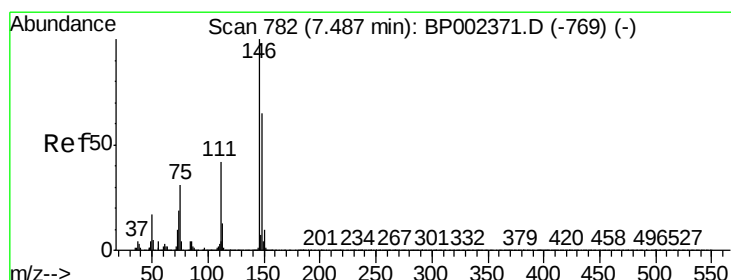
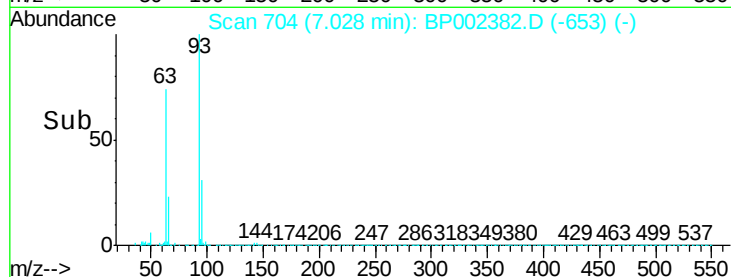
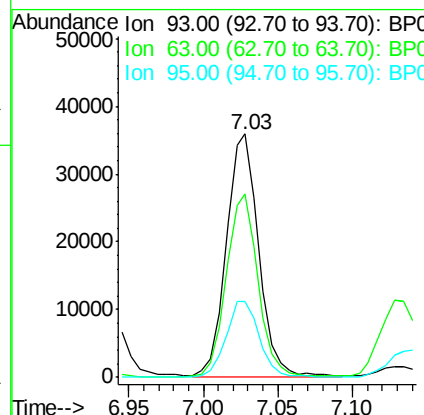
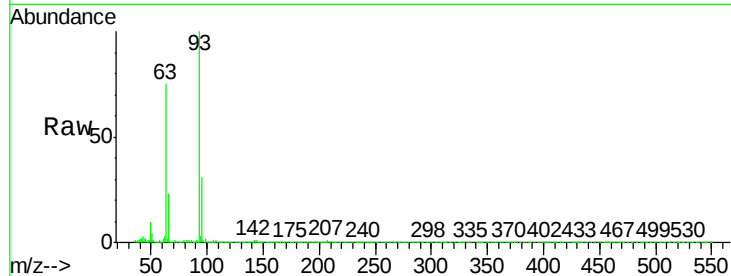
#11
bis(2-Chloroethyl)ether
Concen: 4.804 ng
RT: 7.03 min Scan# 704
Delta R.T. 0.00 min
Lab File: BP002382.D
Acq: 10 Jun 2020 19:25

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2020

Tot Ion	93	Resp	54460
Ion Ratio	Lower	Upper	
93	100		
63	75.2	54.2	94.2
95	31.0	11.8	51.8

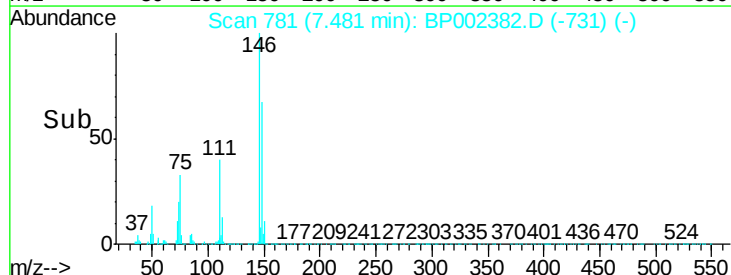
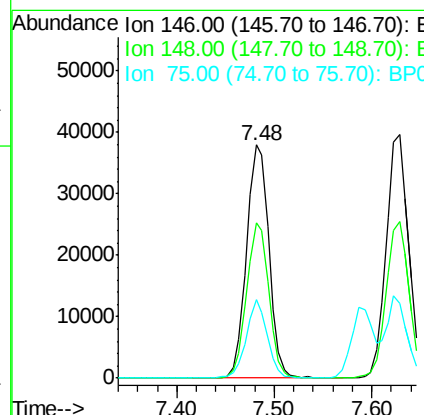
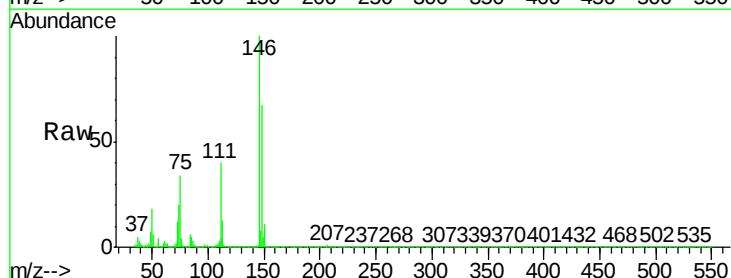
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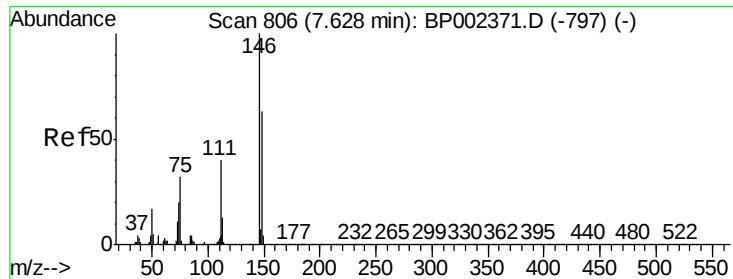
mohammad
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#12
1,3-Dichlorobenzene
Concen: 5.011 ng
RT: 7.48 min Scan# 781
Delta R.T. -0.01 min
Lab File: BP002382.D
Acq: 10 Jun 2020 19:25

Tgt Ion	146	Resp	61006
Ion Ratio	Lower	Upper	
146	100		
148	66.5	51.6	77.4
75	33.6	25.0	37.4





#13

1,4-Dichlorobenzene

Concen: 5.147 ng

RT: 7.63 min Scan# 806

Delta R.T. 0.00 min

Lab File: BP002382.D

Acq: 10 Jun 2020 19:25

Instrument :

BNA_P

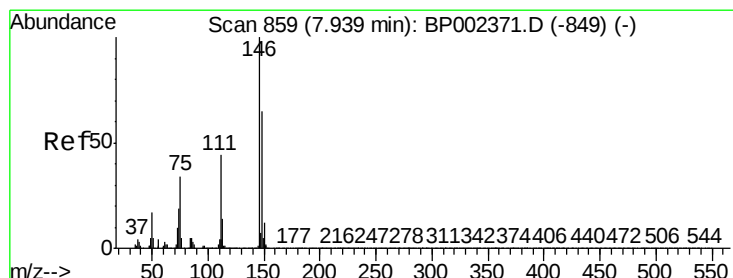
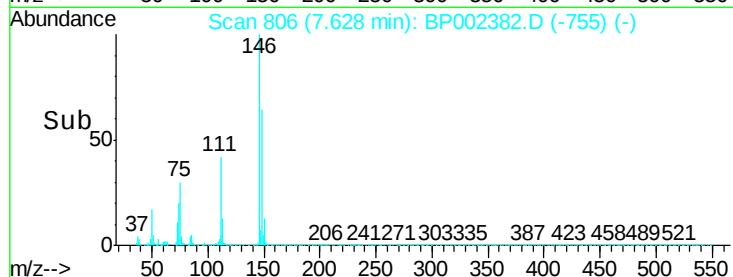
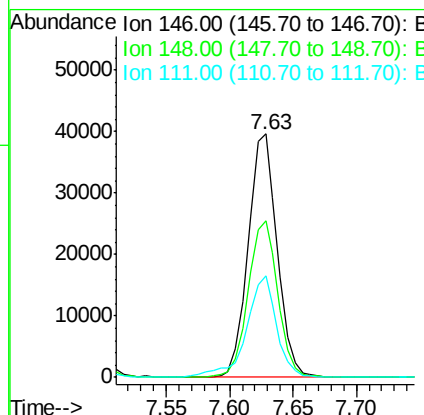
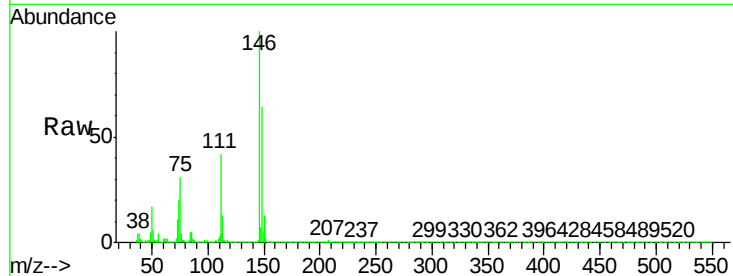
ClientSampleId :

LOD-MDL-SOIL-01-QT1-2020

Tot Ion:	146	Resp:	63047
Ion Ratio	Lower	Upper	
146	100		
148	64.2	50.7	76.1
111	41.9	32.2	48.2

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#14

1,2-Dichlorobenzene

Concen: 5.172 ng

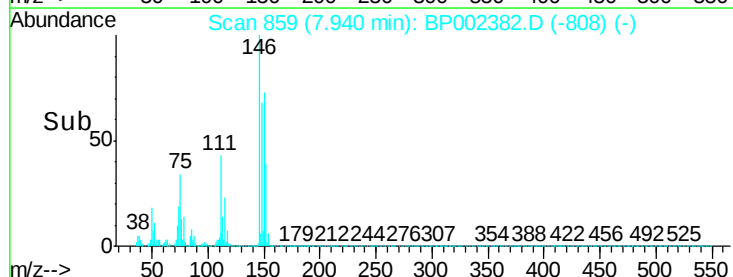
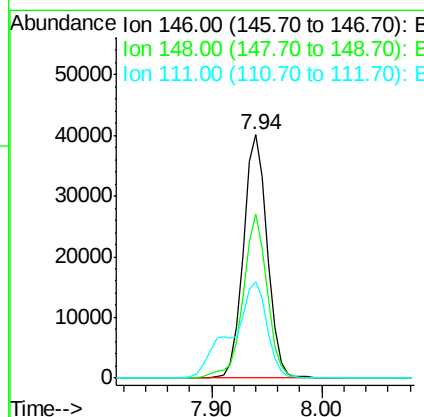
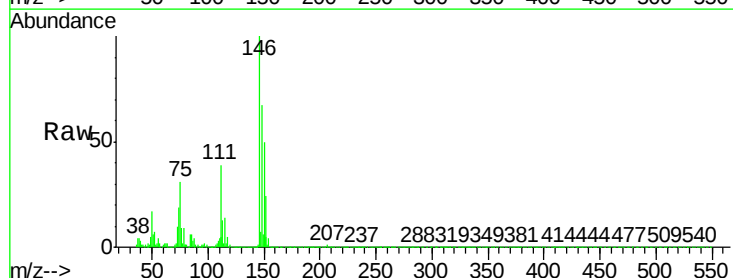
RT: 7.94 min Scan# 859

Delta R.T. 0.00 min

Lab File: BP002382.D

Acq: 10 Jun 2020 19:25

Tgt Ion:	146	Resp:	60694
Ion Ratio	Lower	Upper	
146	100		
148	67.5	51.8	77.6
111	39.4	35.4	53.2





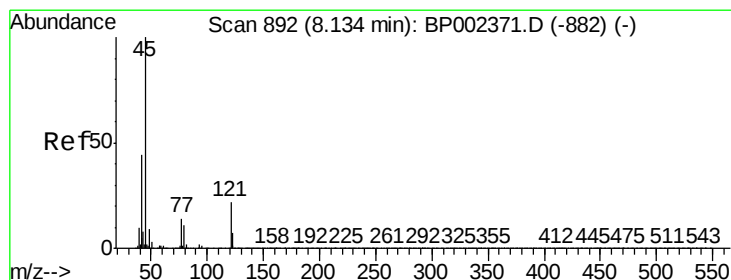
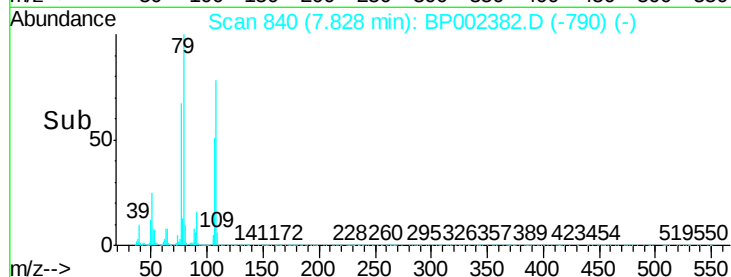
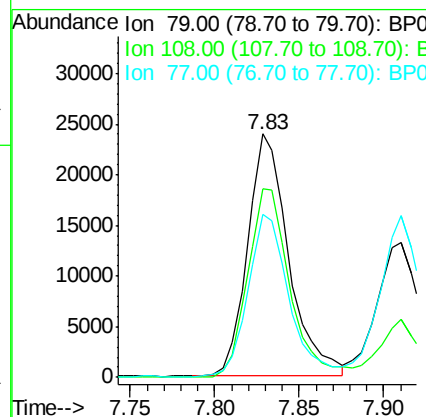
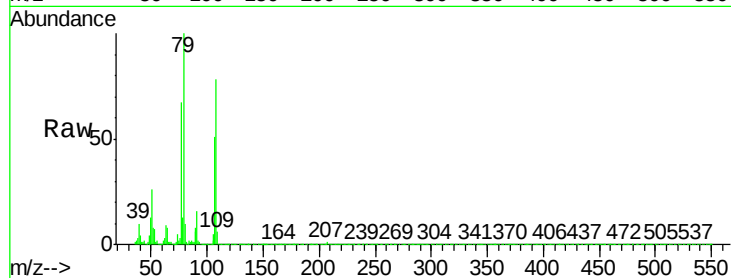
#15
Benzyl Alcohol
Concen: 4.193 ng
RT: 7.83 min Scan# 840
Delta R.T. -0.01 min
Lab File: BP002382.D
Acq: 10 Jun 2020 19:25

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2020

Tot Ion	Ratio	Lower	Upper
79	100		
108	77.7	62.6	94.0
77	67.1	51.5	77.3

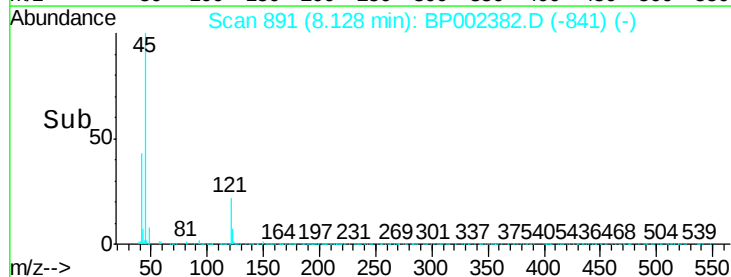
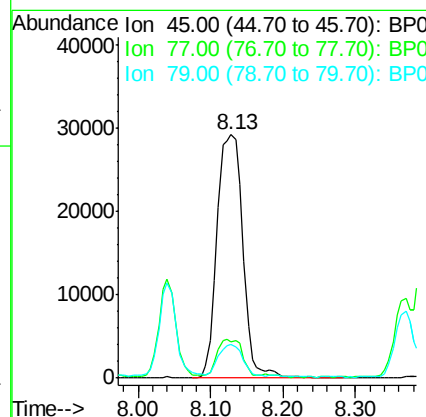
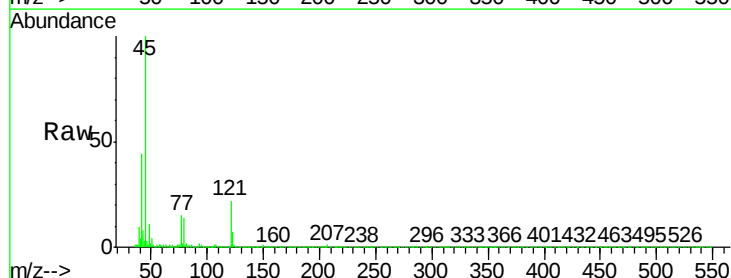
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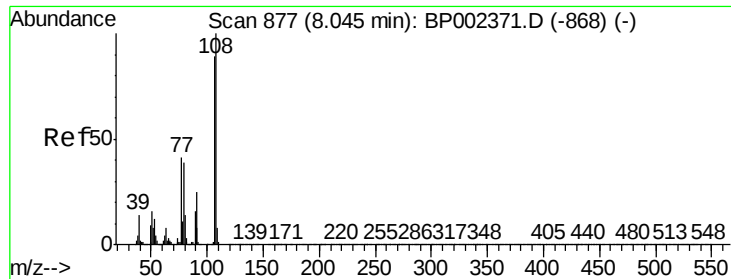
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 4.496 ng
RT: 8.13 min Scan# 891
Delta R.T. -0.01 min
Lab File: BP002382.D
Acq: 10 Jun 2020 19:25

Tgt Ion	Ratio	Lower	Upper
45	100		
77	15.0	0.0	35.0
79	13.6	0.0	32.0





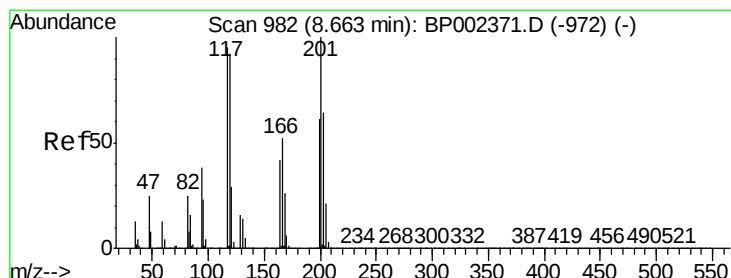
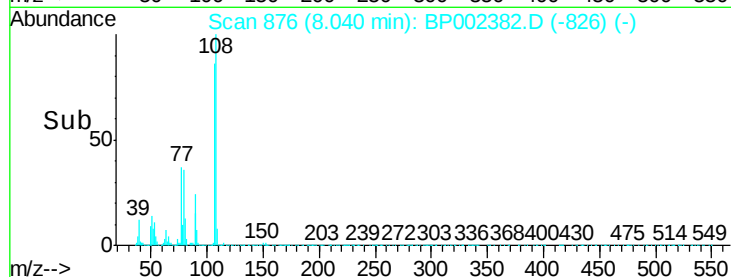
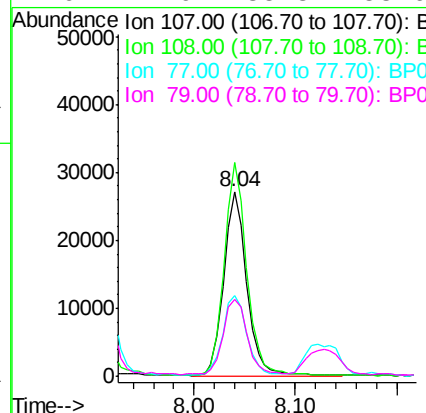
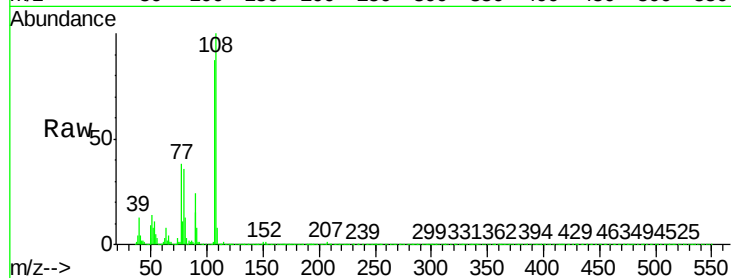
#17
2-Methylphenol
Concen: 4.294 ng
RT: 8.04 min Scan# 876
Delta R.T. -0.01 min
Lab File: BP002382.D
Acq: 10 Jun 2020 19:25

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2020

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	115.6	90.3	135.5	
77	43.6	37.1	55.7	
79	41.9	35.8	53.6	

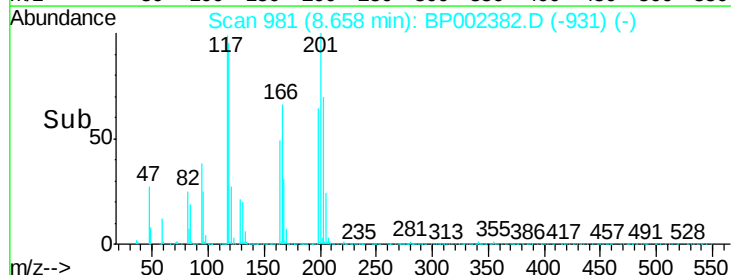
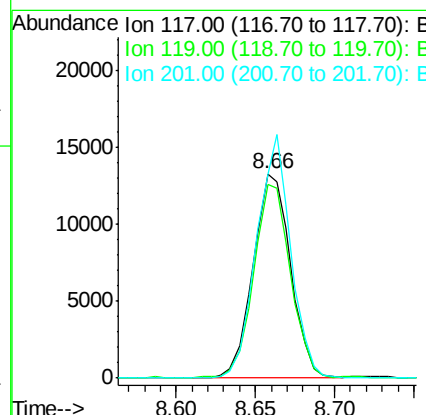
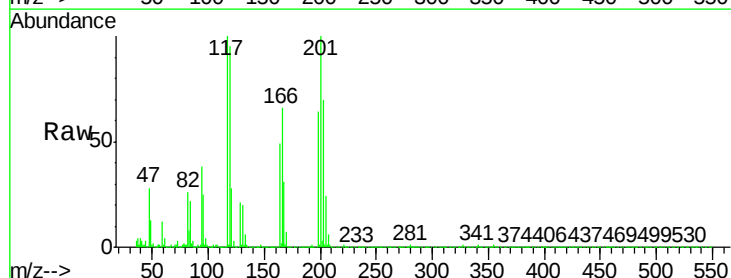
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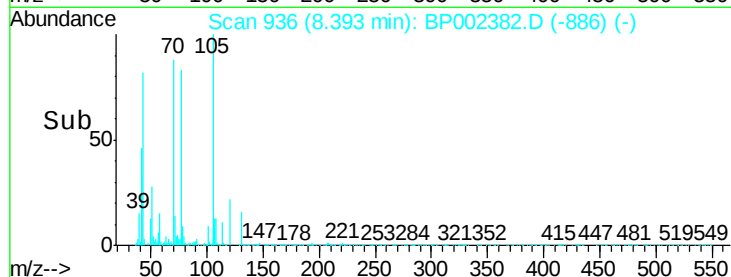
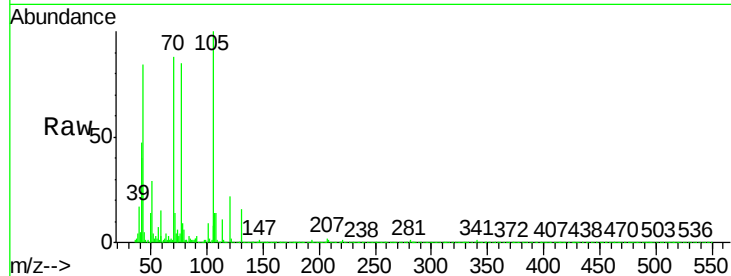
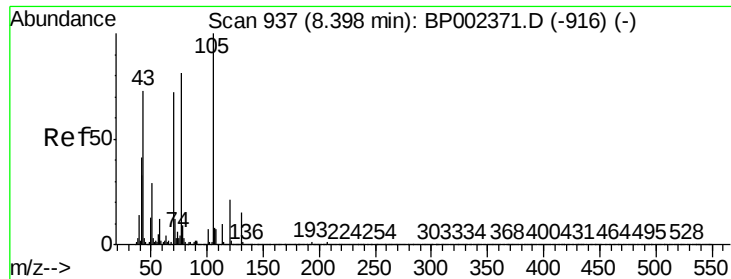
mohammad
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#18
Hexachloroethane
Concen: 4.878 ng
RT: 8.66 min Scan# 981
Delta R.T. -0.01 min
Lab File: BP002382.D
Acq: 10 Jun 2020 19:25

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.7	77.8	116.8	
201	100.1	84.2	126.4	





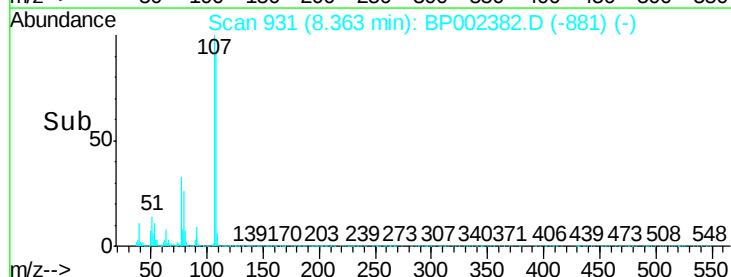
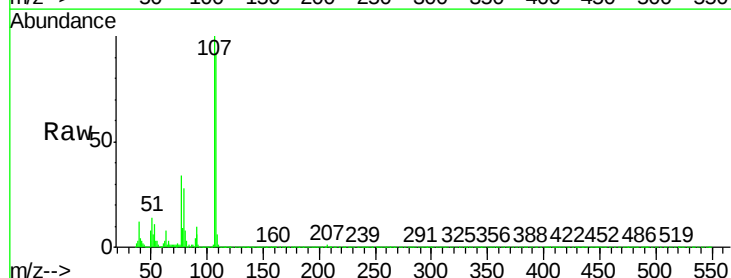
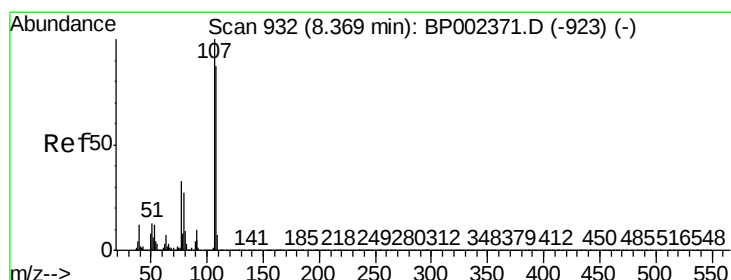
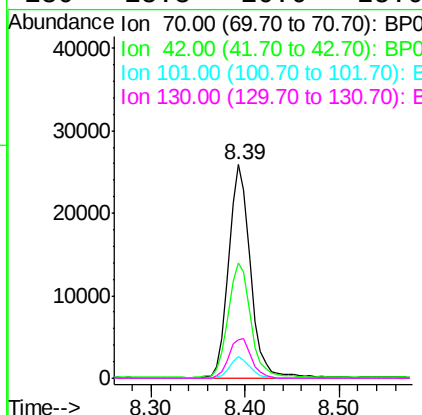
#19
n-Nitroso-di-n-propylamine
Concen: 4.970 ng
RT: 8.39 min Scan# 936
Delta R.T. -0.01 min
Lab File: BP002382.D
Acq: 10 Jun 2020 19:25

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2020

Tot Ion	Ratio	Lower	Upper
70	100		
42	53.8	45.7	68.5
101	10.0	7.5	11.3
130	18.3	16.6	25.0

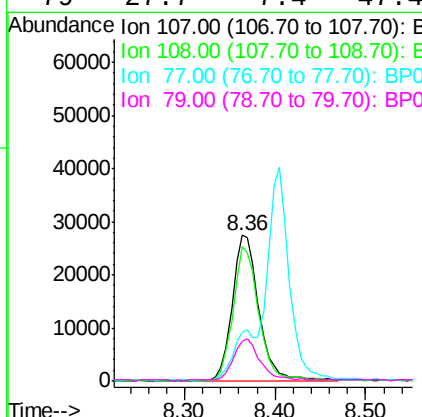
Manual Integrations
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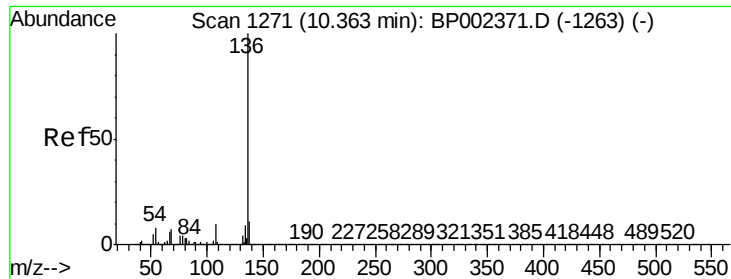
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#20
3+4-Methylphenols
Concen: 4.176 ng
RT: 8.36 min Scan# 931
Delta R.T. -0.01 min
Lab File: BP002382.D
Acq: 10 Jun 2020 19:25

Tgt Ion	Ratio	Lower	Upper
107	100		
108	92.4	67.5	107.5
77	33.5	13.5	53.5
79	27.7	7.4	47.4





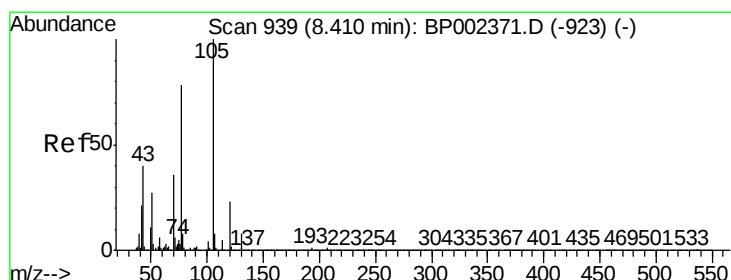
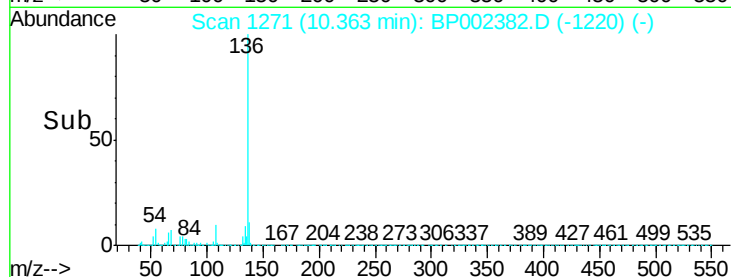
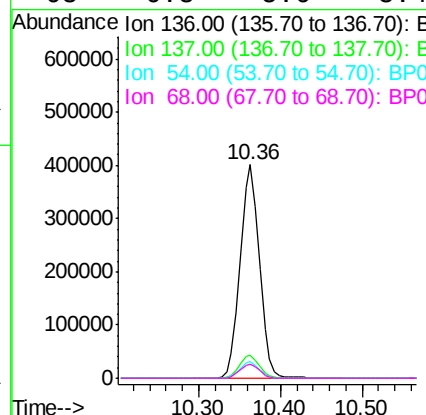
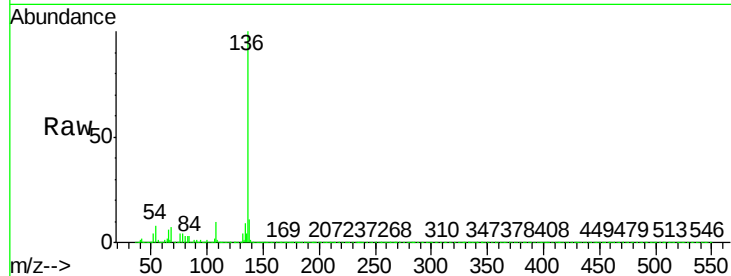
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.36 min Scan# 1271
Delta R.T. 0.00 min
Lab File: BP002382.D
Acq: 10 Jun 2020 19:25

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2020

Tot Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	7.9	6.4	9.6
68	6.8	5.6	8.4

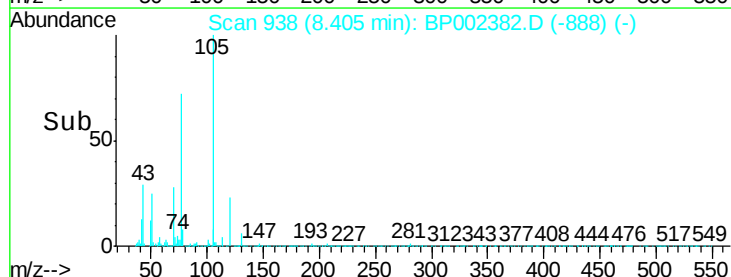
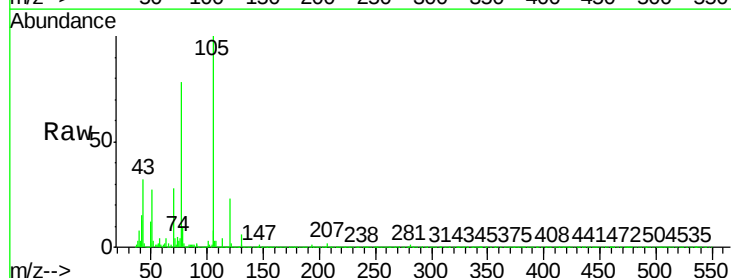
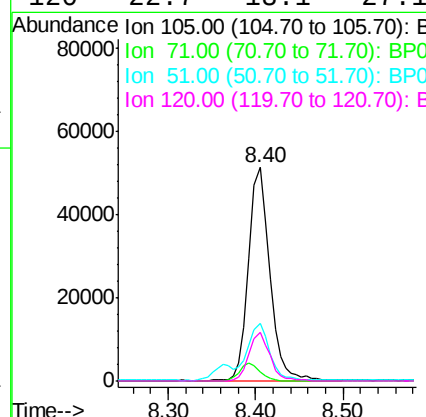
Manual Integrations
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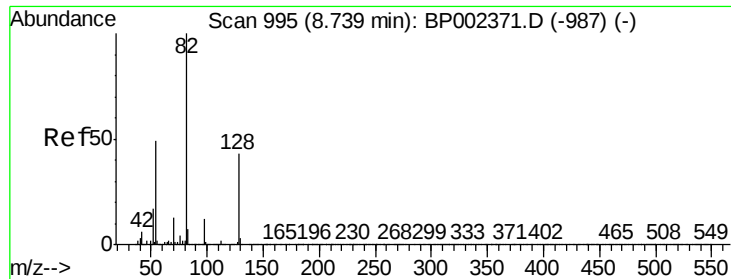
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#22
Acetophenone
Concen: 5.631 ng
RT: 8.40 min Scan# 938
Delta R.T. -0.01 min
Lab File: BP002382.D
Acq: 10 Jun 2020 19:25

Tgt Ion	Ratio	Lower	Upper
105	100		
71	4.2	4.7	7.1#
51	26.9	21.4	32.0
120	22.7	18.1	27.1





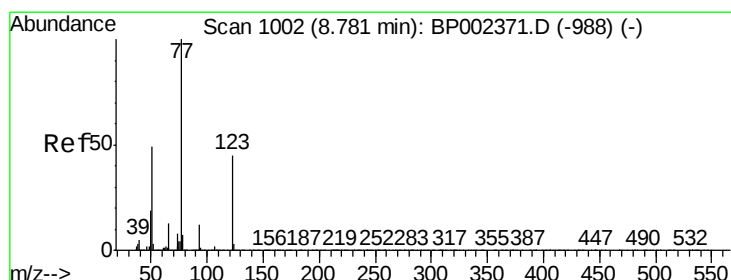
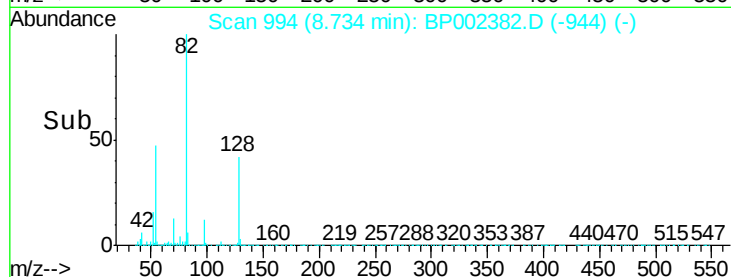
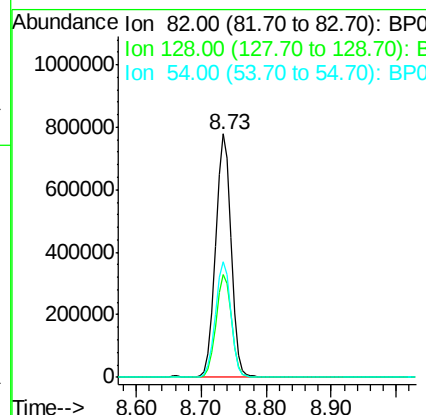
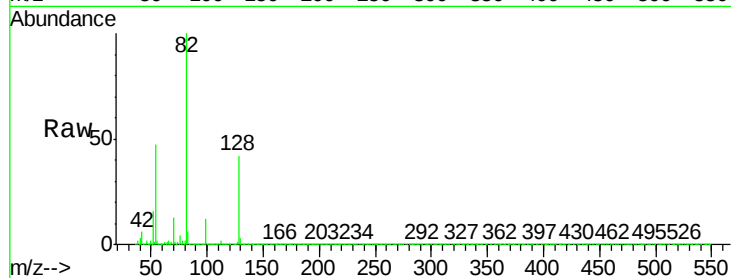
#23
Nitrobenzene-d5
Concen: 115.380 ng
RT: 8.73 min Scan# 994
Delta R.T. -0.01 min
Lab File: BP002382.D
Acq: 10 Jun 2020 19:25

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2020

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.5	34.5	51.7
54	47.4	39.4	59.2

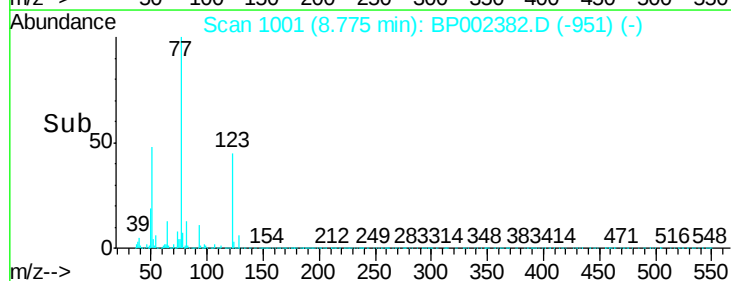
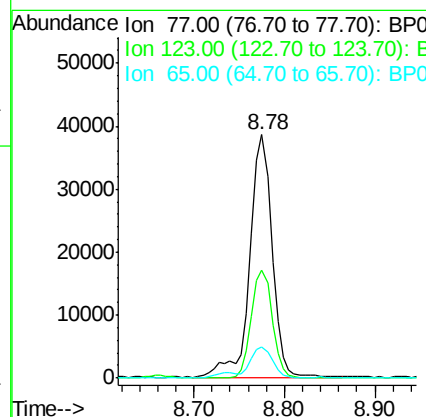
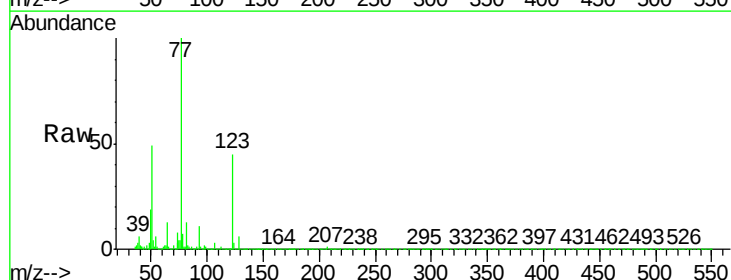
Manual Integrations
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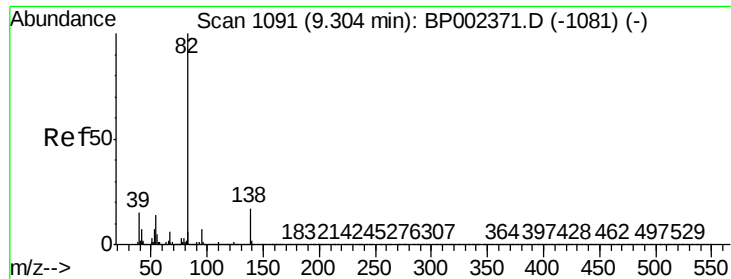
mohammad
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#24
Nitrobenzene
Concen: 5.558 ng
RT: 8.78 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BP002382.D
Acq: 10 Jun 2020 19:25

Tgt Ion	Ratio	Lower	Upper
77	100		
123	44.6	35.8	53.8
65	12.9	10.5	15.7





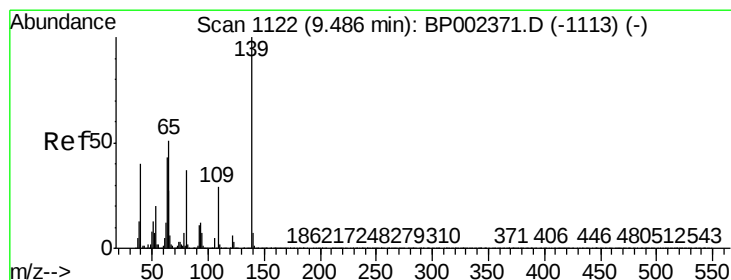
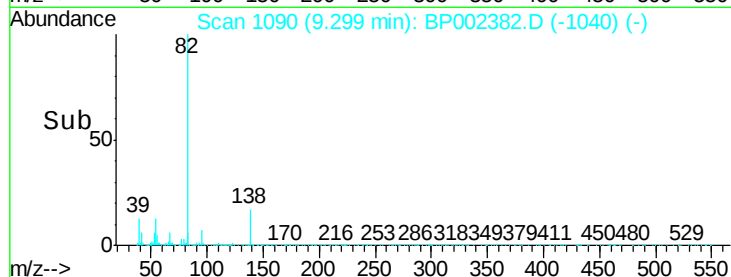
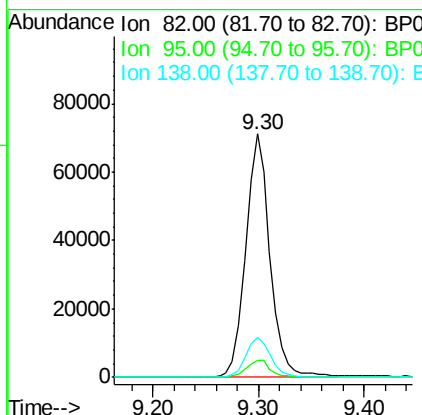
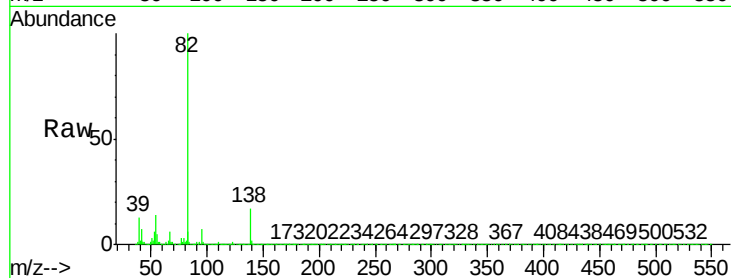
#25
Isophorone
Concen: 4.983 ng
RT: 9.30 min Scan# 1090
Delta R.T. -0.01 min
Lab File: BP002382.D
Acq: 10 Jun 2020 19:25

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2020

Tot Ion	Ratio	Lower	Upper
82	100		
95	6.8	5.4	8.2
138	16.5	13.4	20.0

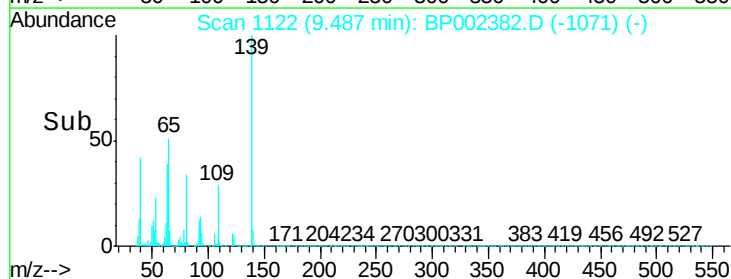
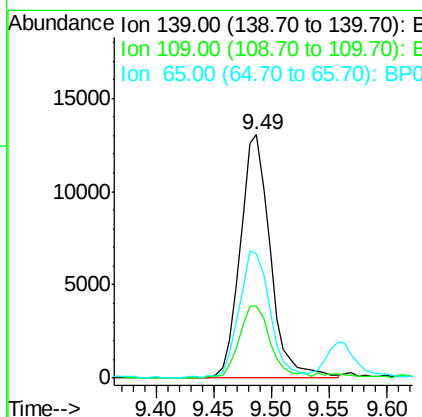
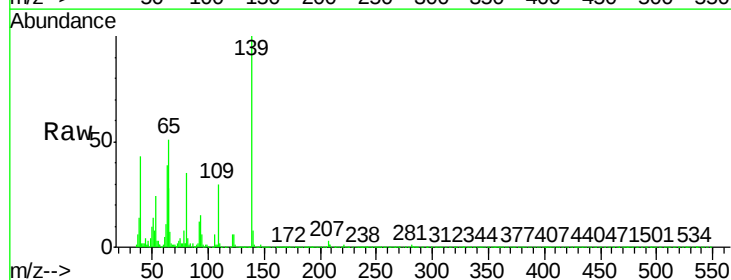
Manual Integrations
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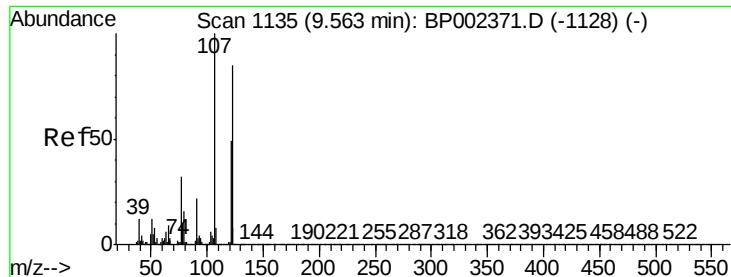
mohammad
6/11/2020 1:49:34 PM



#26
2-Nitrophenol
Concen: 4.464 ng
RT: 9.49 min Scan# 1122
Delta R.T. 0.00 min
Lab File: BP002382.D
Acq: 10 Jun 2020 19:25

Tgt Ion	Ratio	Lower	Upper
139	100		
109	29.7	23.4	35.2
65	51.4	41.1	61.7





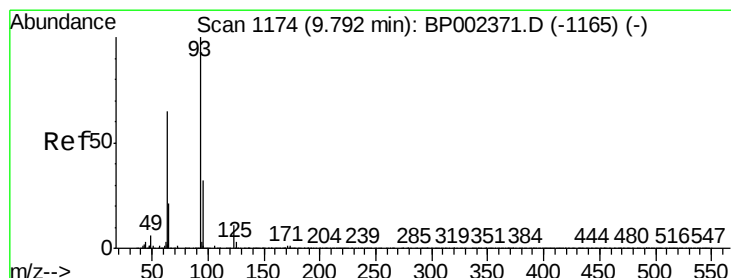
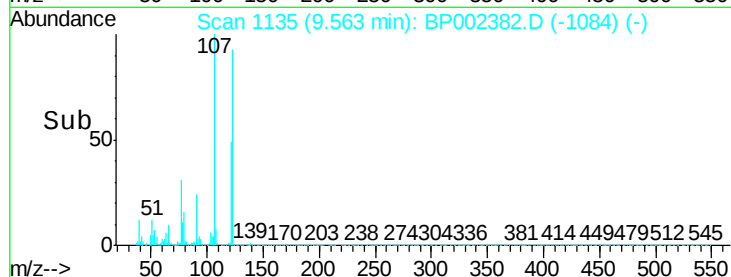
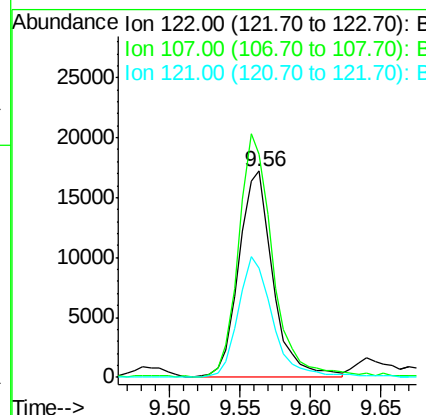
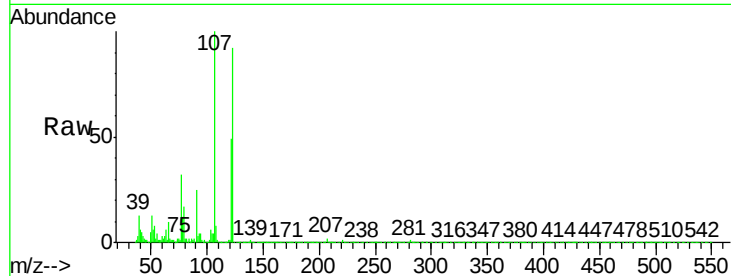
#27
2,4-Dimethylphenol
Concen: 3.463 ng
RT: 9.56 min Scan# 1135
Delta R.T. 0.00 min
Lab File: BP002382.D
Acq: 10 Jun 2020 19:25

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2020

Tot Ion	Ratio	Lower	Upper
122	100		
107	108.2	94.0	141.0
121	53.2	46.4	69.6

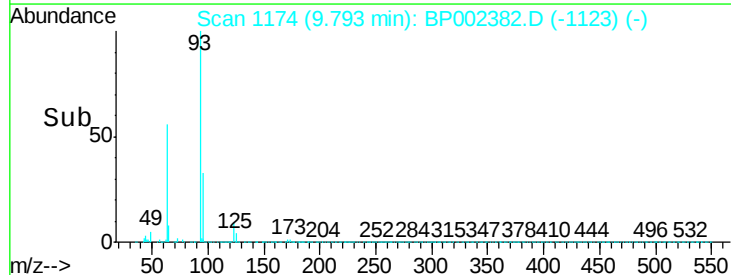
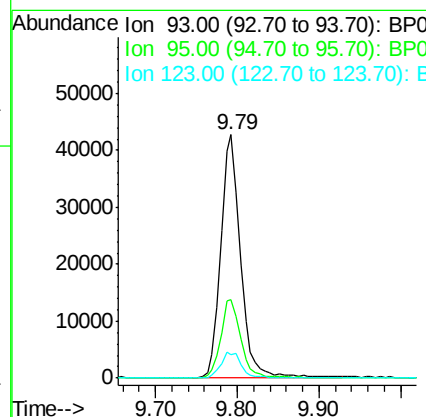
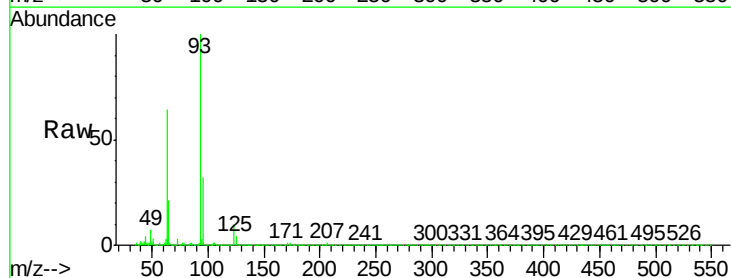
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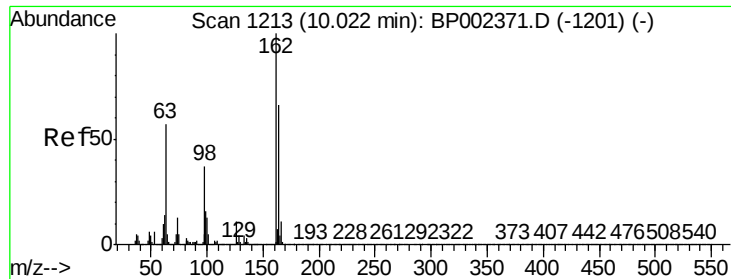
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 5.361 ng
RT: 9.79 min Scan# 1174
Delta R.T. 0.00 min
Lab File: BP002382.D
Acq: 10 Jun 2020 19:25

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.4	25.8	38.8
123	9.9	8.7	13.1





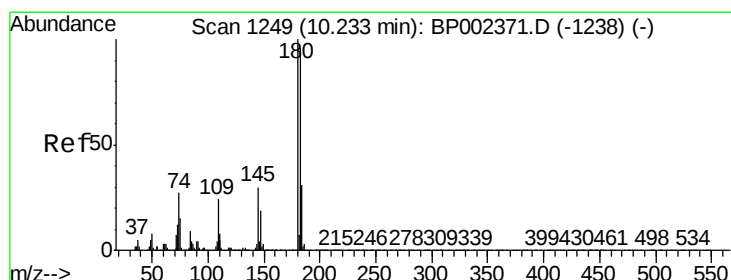
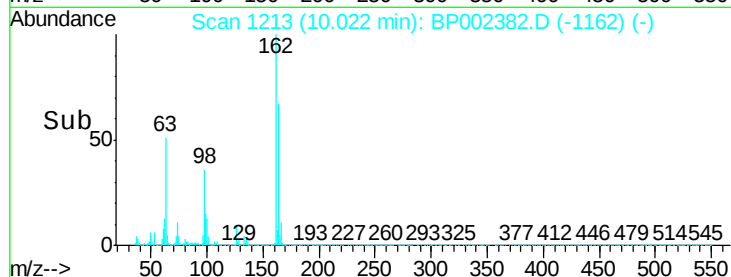
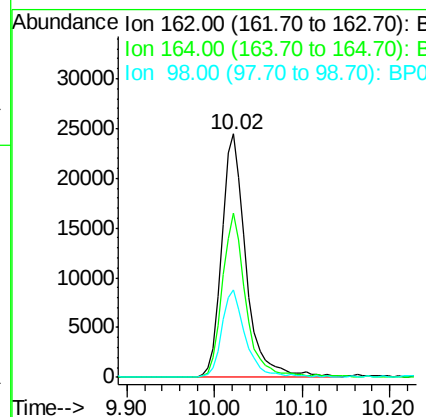
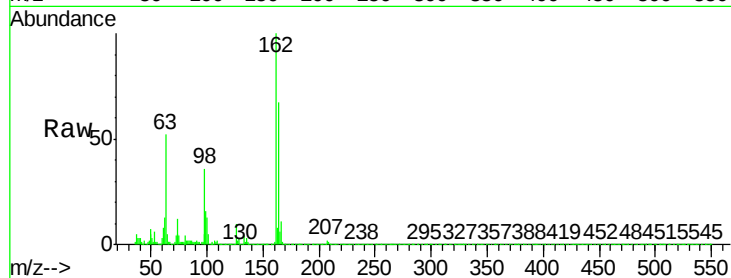
#29
2,4-Dichlorophenol
Concen: 5.007 ng
RT: 10.02 min Scan# 1213
Delta R.T. 0.00 min
Lab File: BP002382.D
Acq: 10 Jun 2020 19:25

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2020

Tot Ion	Ratio	Lower	Upper
162	100		
164	67.3	45.5	85.5
98	36.1	16.6	56.6

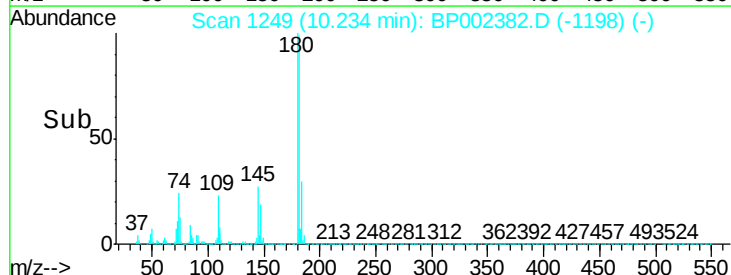
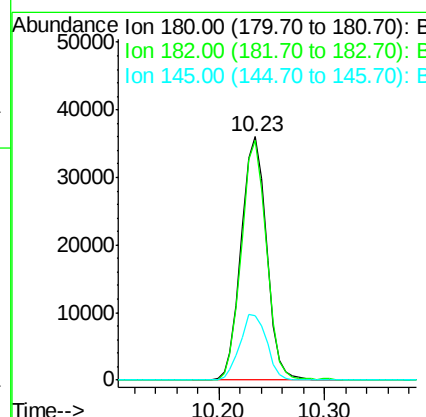
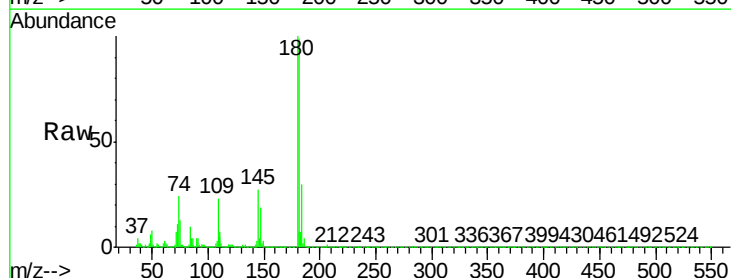
Manual Integrations
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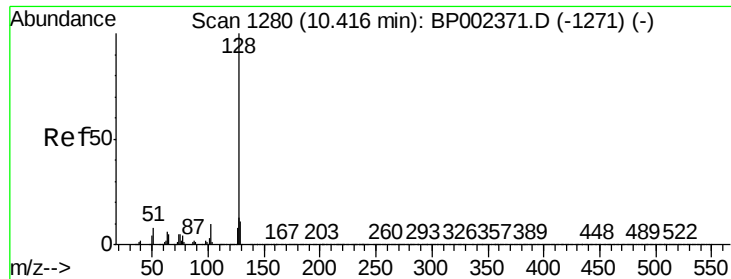
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 5.709 ng
RT: 10.23 min Scan# 1249
Delta R.T. 0.00 min
Lab File: BP002382.D
Acq: 10 Jun 2020 19:25

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.5	77.1	115.7
145	26.5	23.8	35.6





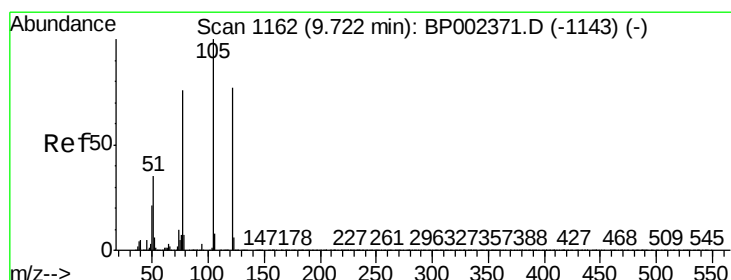
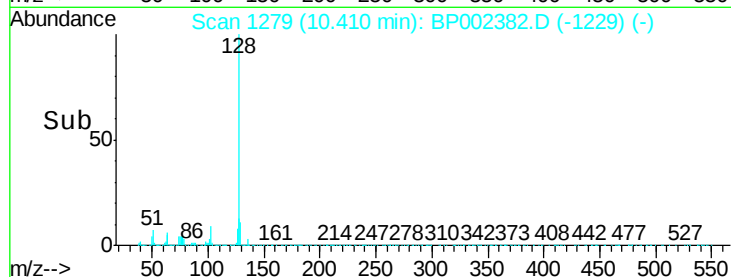
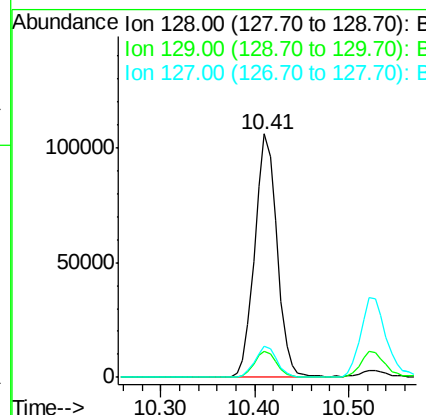
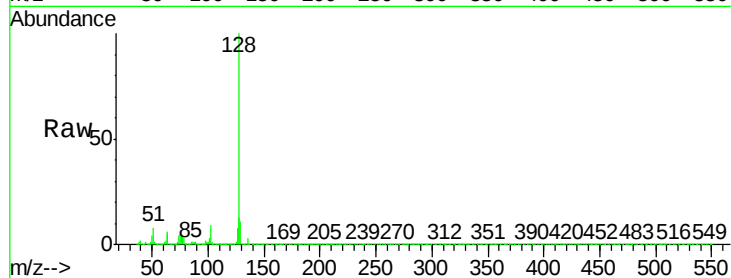
#31
Naphthalene
Concen: 5.684 ng
RT: 10.41 min Scan# 1279
Delta R.T. -0.01 min
Lab File: BP002382.D
Acq: 10 Jun 2020 19:25

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2020

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.6	8.7	13.1
127	12.7	10.3	15.5

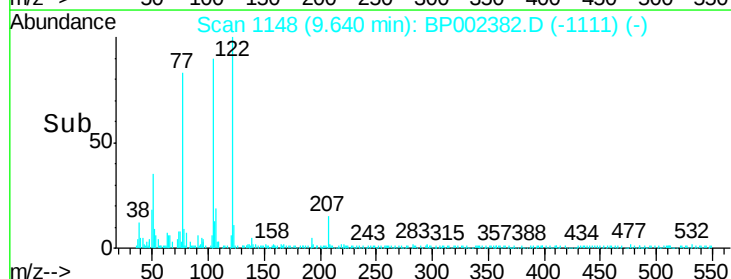
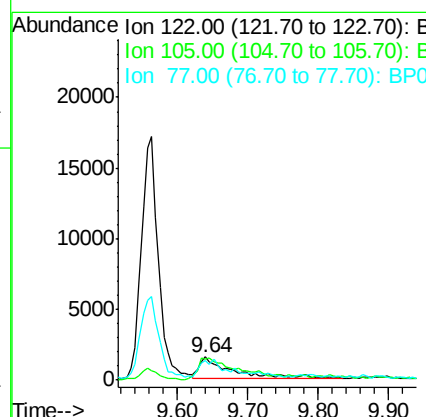
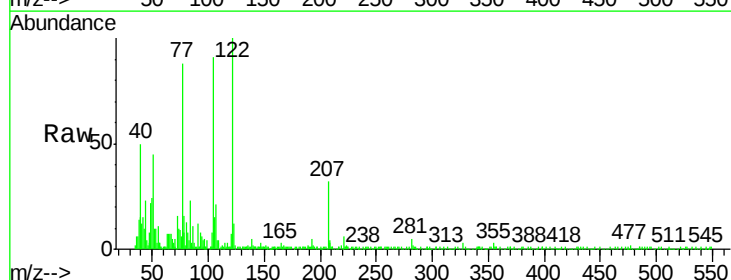
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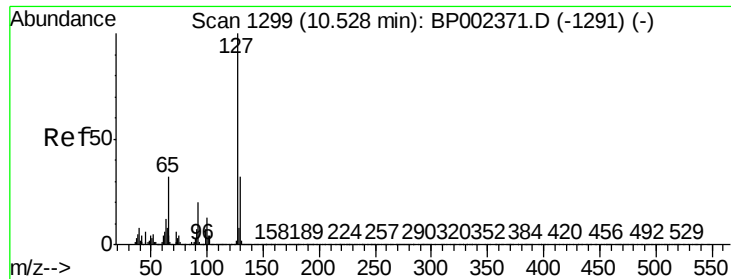
mohammad
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#32
Benzoic acid
Concen: 0.753 ng m
RT: 9.64 min Scan# 1148
Delta R.T. -0.08 min
Lab File: BP002382.D
Acq: 10 Jun 2020 19:25

Tgt Ion	Ratio	Lower	Upper
122	100		
105	91.1	106.3	146.3#
77	88.0	77.5	117.5





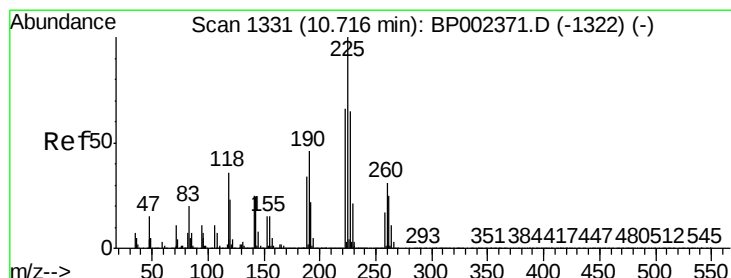
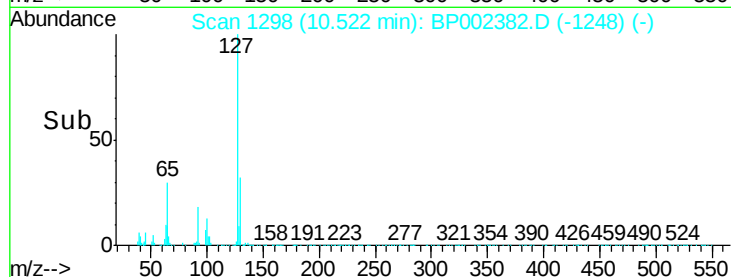
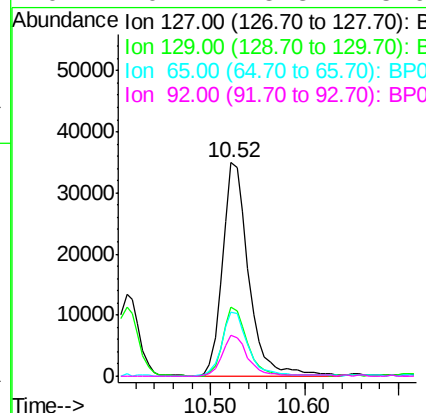
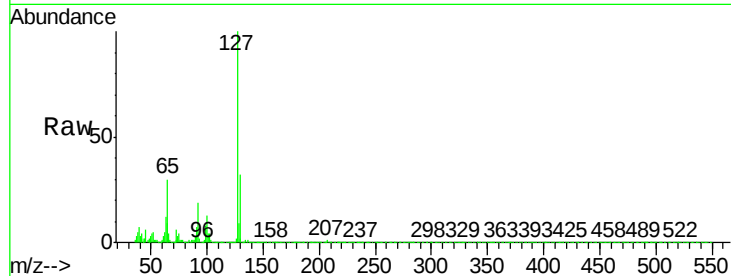
#33
4-Chloroaniline
Concen: 5.052 ng
RT: 10.52 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BP002382.D
Acq: 10 Jun 2020 19:25

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2020

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.3	25.4	38.2		
65	30.2	25.3	37.9		
92	19.4	15.8	23.6		

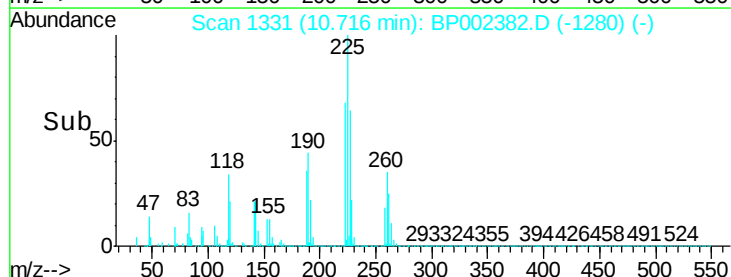
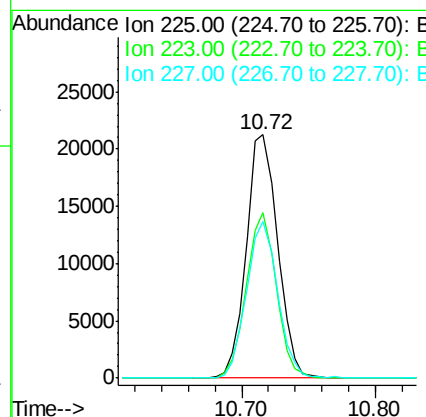
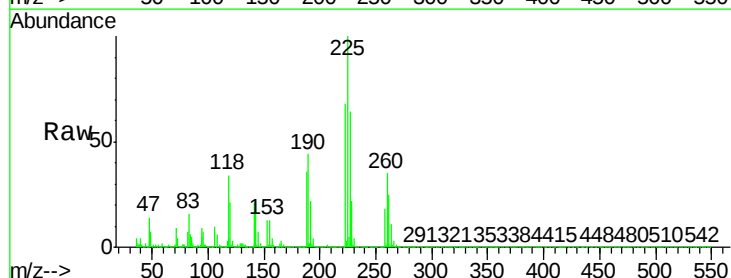
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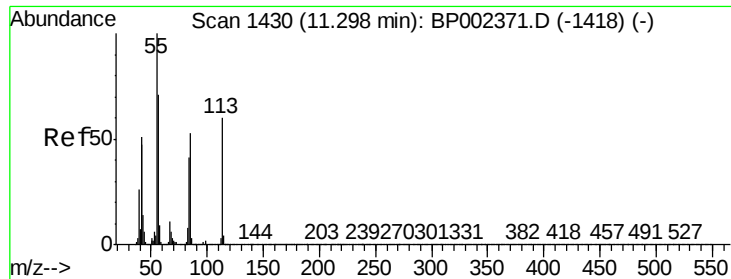
mohammad
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#34
Hexachlorobutadiene
Concen: 5.654 ng
RT: 10.72 min Scan# 1331
Delta R.T. 0.00 min
Lab File: BP002382.D
Acq: 10 Jun 2020 19:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	67.9	52.6	78.8		
227	64.3	52.2	78.2		





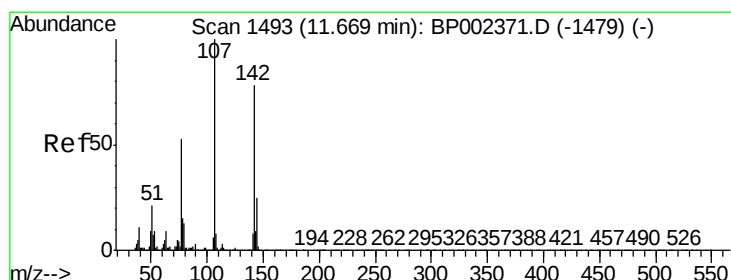
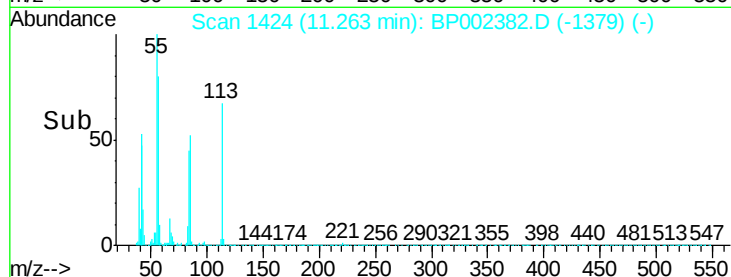
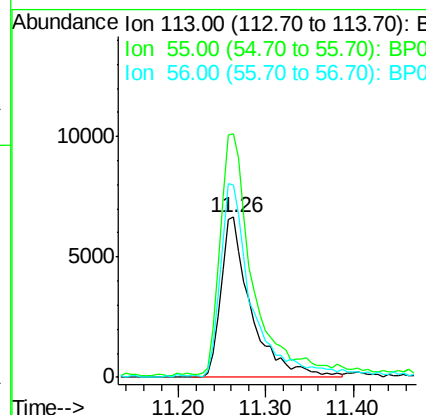
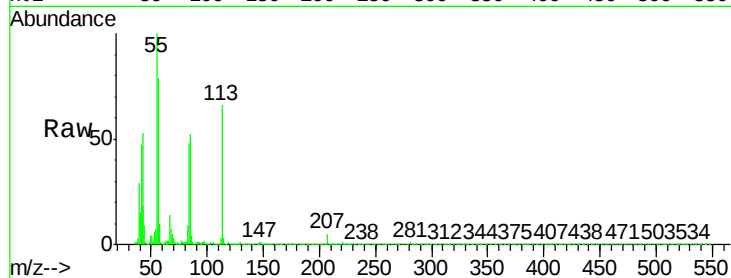
#35
 Caprolactam
 Concen: 4.783 ng
 RT: 11.26 min Scan# 1424
 Delta R.T. -0.03 min
 Lab File: BP002382.D
 Acq: 10 Jun 2020 19:25

Instrument :
 BNA_P
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2020

Tot Ion	Ratio	Lower	Upper
113	100		
55	151.8	147.9	187.9
56	120.4	99.9	139.9

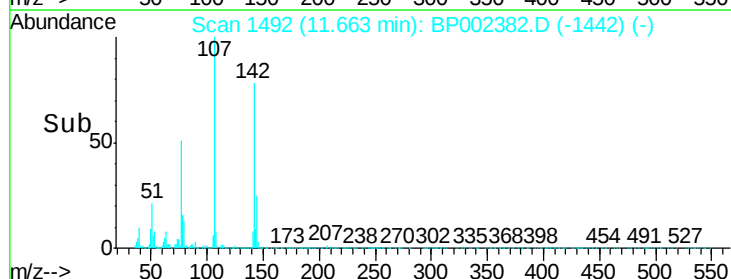
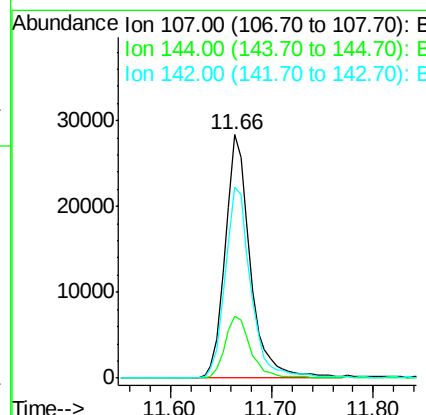
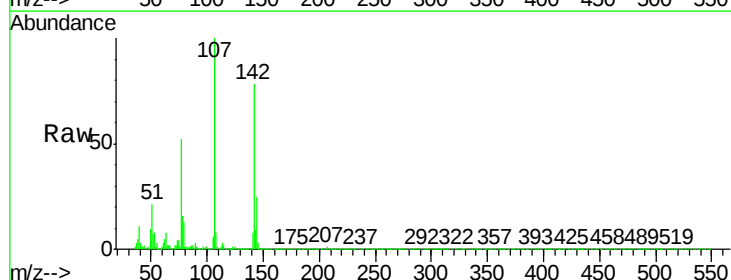
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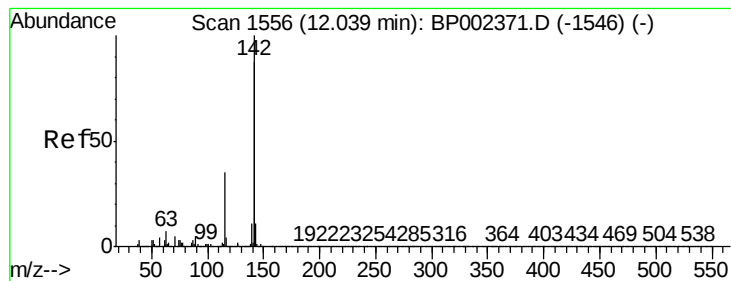
mohammad
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#36
 4-Chloro-3-methylphenol
 Concen: 4.822 ng
 RT: 11.66 min Scan# 1492
 Delta R.T. -0.01 min
 Lab File: BP002382.D
 Acq: 10 Jun 2020 19:25

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.2	20.4	30.6
142	78.3	62.2	93.4





#37

2-Methylnaphthalene

Concen: 5.744 ng

RT: 12.03 min Scan# 1555

Delta R.T. -0.01 min

Lab File: BP002382.D

Acq: 10 Jun 2020 19:25

Instrument :

BNA_P

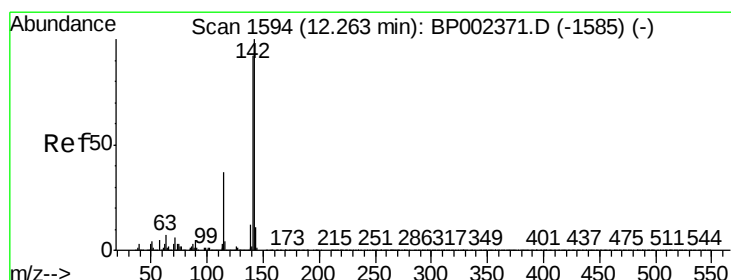
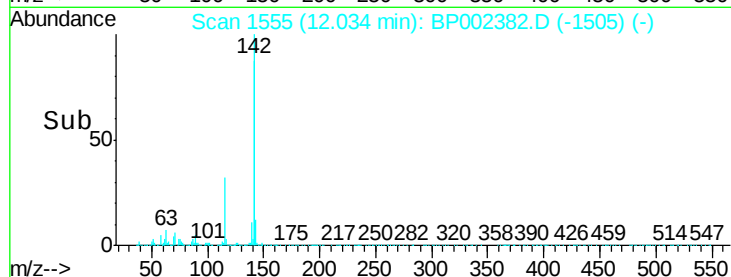
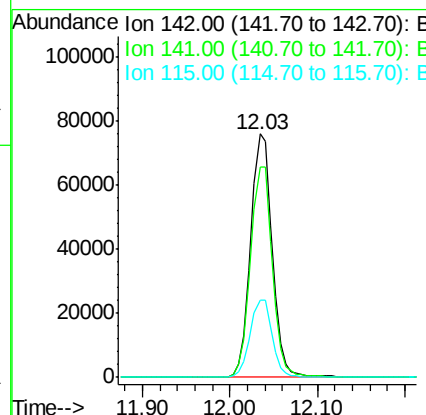
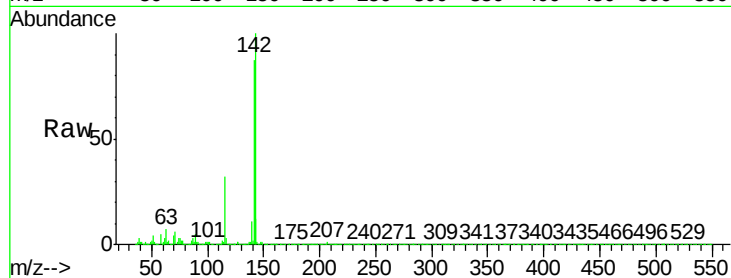
ClientSampleId :

LOD-MDL-SOIL-01-QT1-2020

Tot Ion:	142	Resp:	125544
Ion Ratio	Lower	Upper	
142	100		
141	86.6	69.7	104.5
115	31.8	27.8	41.8

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#38

1-Methylnaphthalene

Concen: 5.863 ng

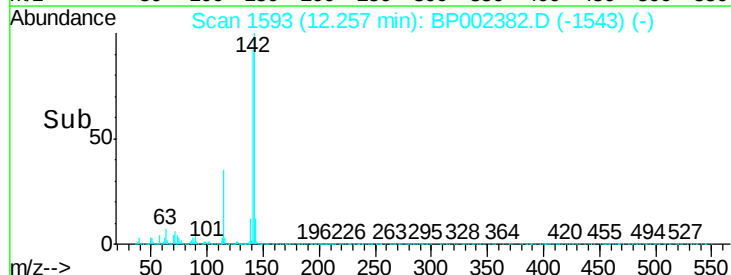
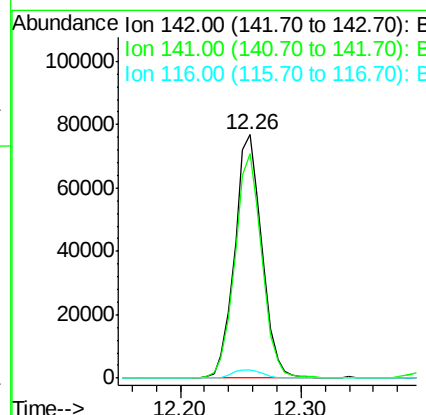
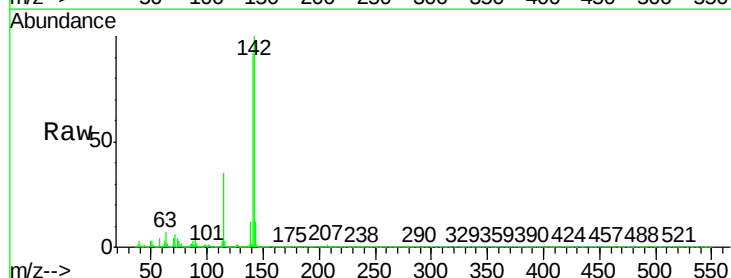
RT: 12.26 min Scan# 1593

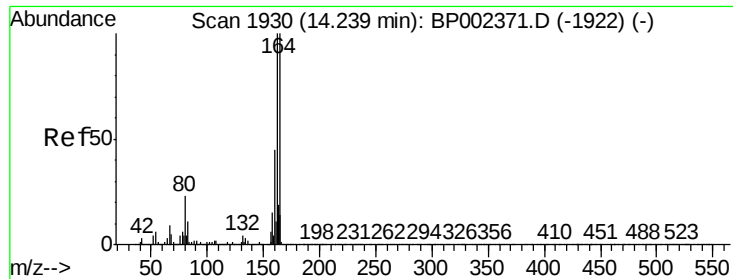
Delta R.T. -0.01 min

Lab File: BP002382.D

Acq: 10 Jun 2020 19:25

Tgt Ion:	142	Resp:	120285
Ion Ratio	Lower	Upper	
142	100		
141	92.3	73.6	110.4
116	3.5	3.1	4.7





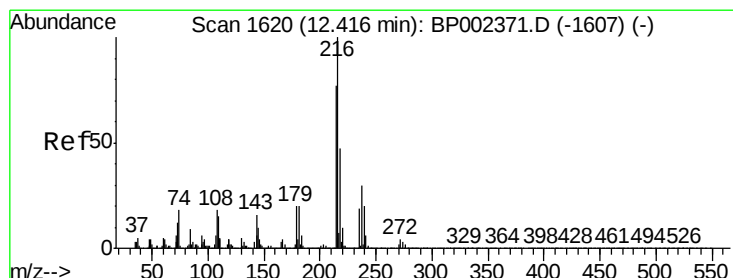
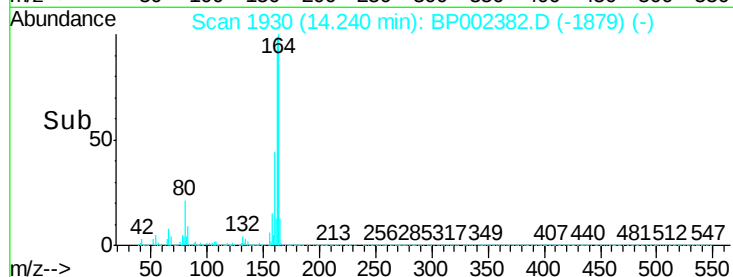
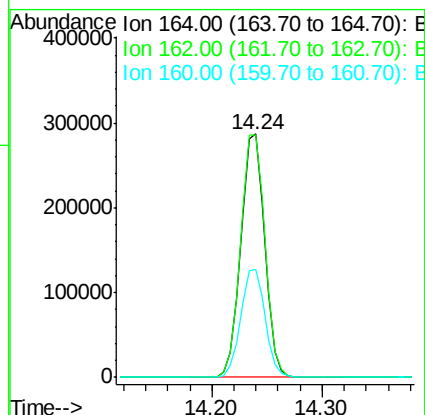
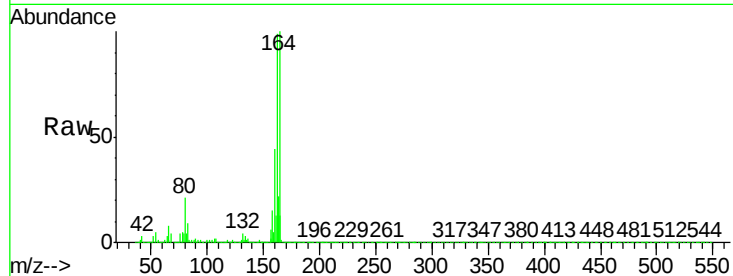
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.24 min Scan# 1930
Delta R.T. 0.00 min
Lab File: BP002382.D
Acq: 10 Jun 2020 19:25

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2020

Tot Ion	Ratio	Lower	Upper
164	100		
162	99.3	79.8	119.8
160	44.4	36.2	54.2

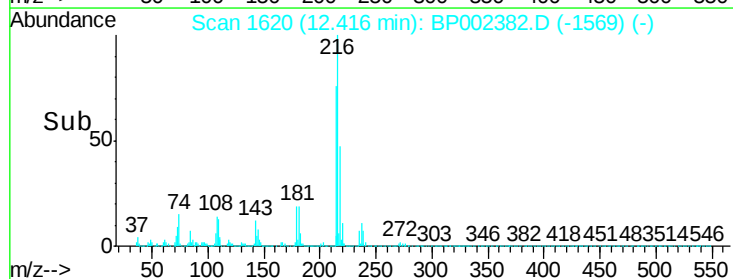
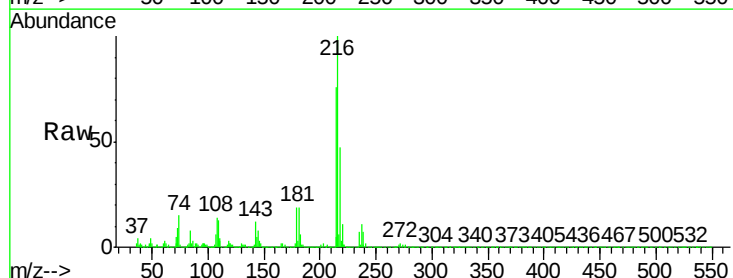
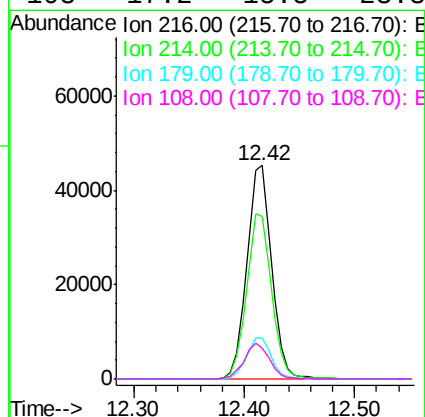
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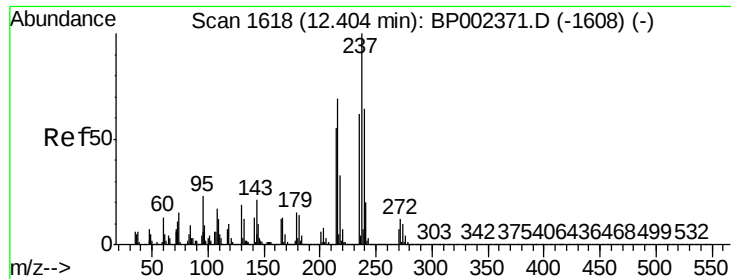
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 6.222 ng
RT: 12.42 min Scan# 1620
Delta R.T. 0.00 min
Lab File: BP002382.D
Acq: 10 Jun 2020 19:25

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.4	62.6	94.0
179	19.7	16.4	24.6
108	17.2	15.5	23.3





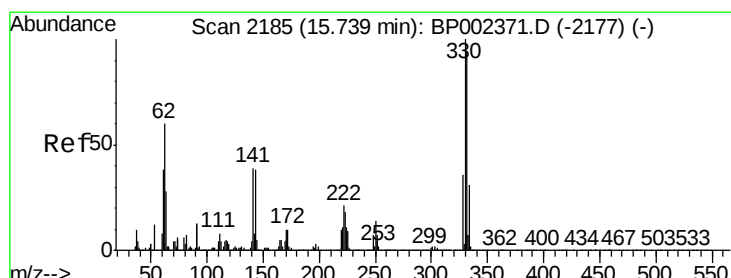
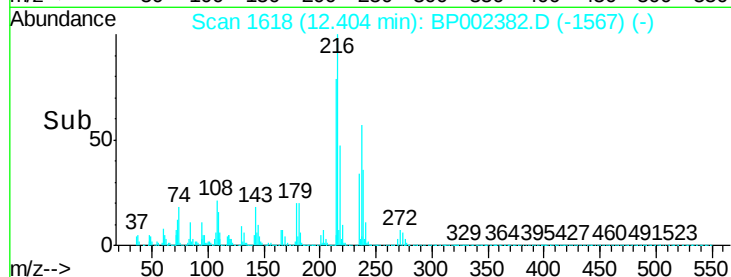
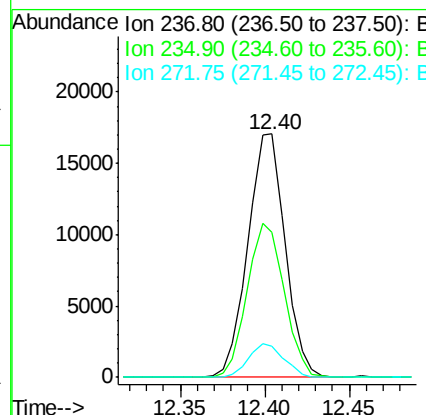
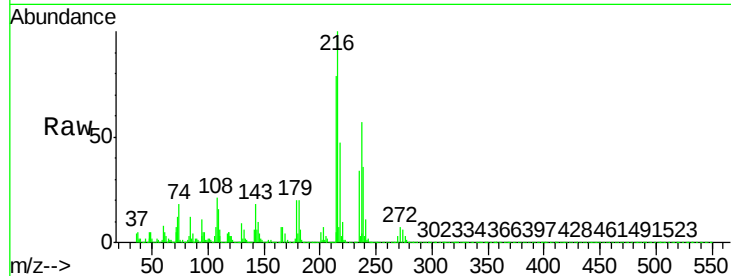
#41
Hexachlorocyclopentadiene
Concen: 4.292 ng
RT: 12.40 min Scan# 1618
Delta R.T. 0.00 min
Lab File: BP002382.D
Acq: 10 Jun 2020 19:25

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2020

Tot Ion	Ratio	Lower	Upper
237	100		
235	59.6	42.0	82.0
272	12.7	0.0	32.5

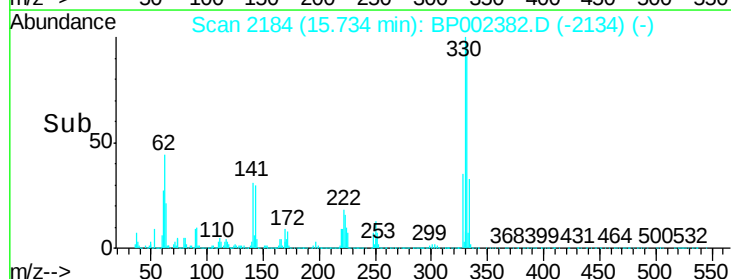
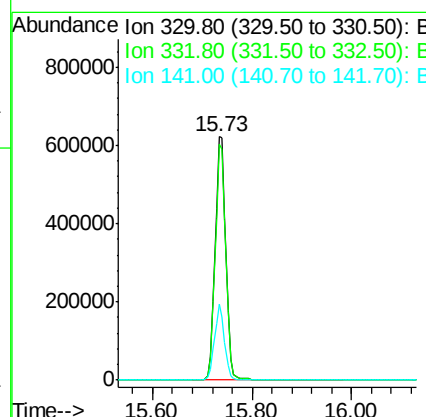
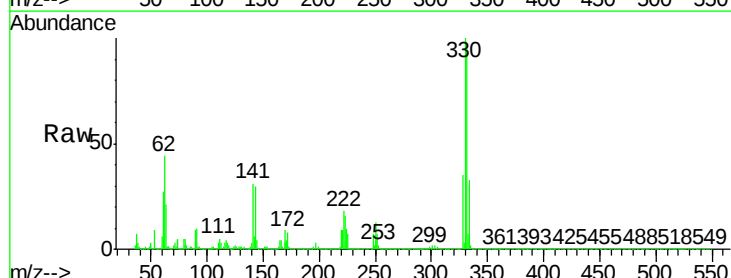
Manual Integrations
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#42
2,4,6-Tribromophenol
Concen: 225.452 ng
RT: 15.73 min Scan# 2184
Delta R.T. -0.01 min
Lab File: BP002382.D
Acq: 10 Jun 2020 19:25

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.2	76.6	115.0
141	29.0	30.3	45.5#





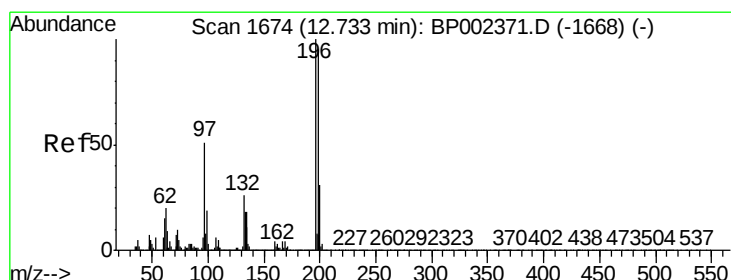
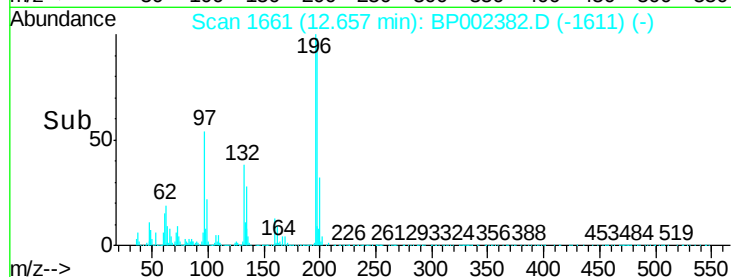
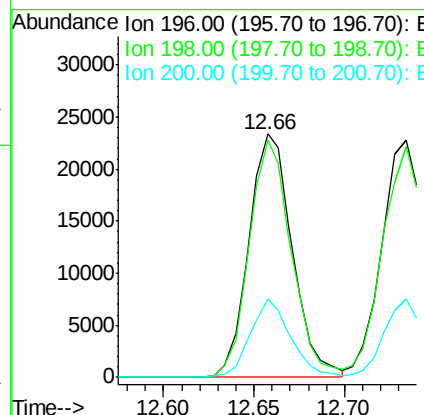
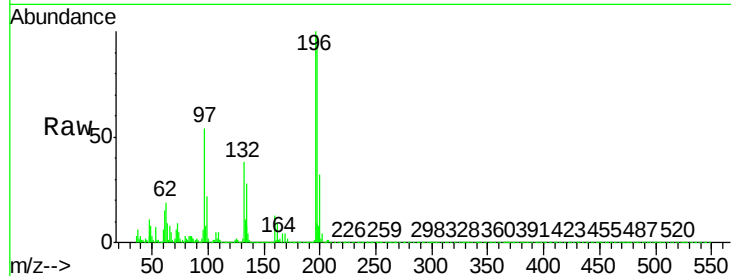
#43
 2,4,6-Trichlorophenol
 Concen: 4.773 ng
 RT: 12.66 min Scan# 1661
 Delta R.T. -0.01 min
 Lab File: BP002382.D
 Acq: 10 Jun 2020 19:25

Instrument :
 BNA_P
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2020

Tot Ion	Ratio	Resp	Lower	Upper
196	100	38863		
198	97.6	76.6	115.0	
200	32.4	24.7	37.1	

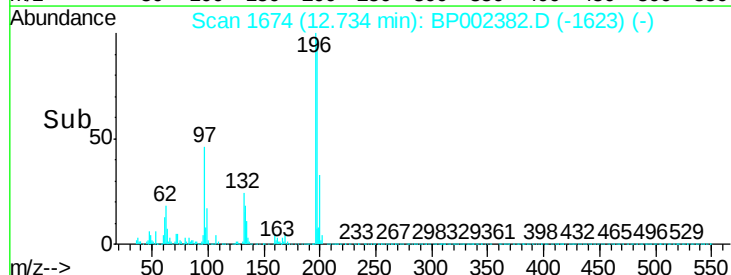
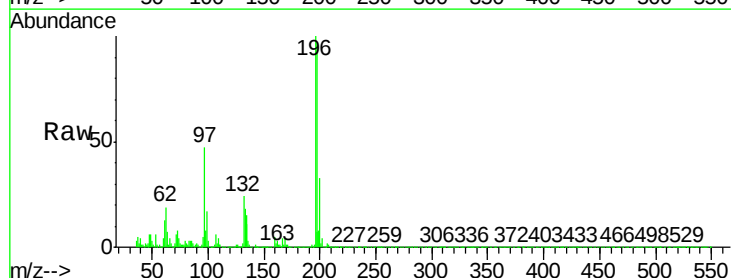
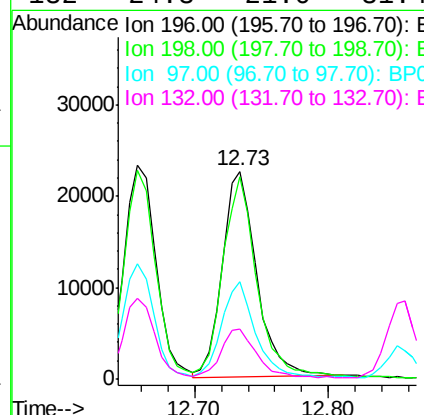
Manual Integrations
 APPROVED

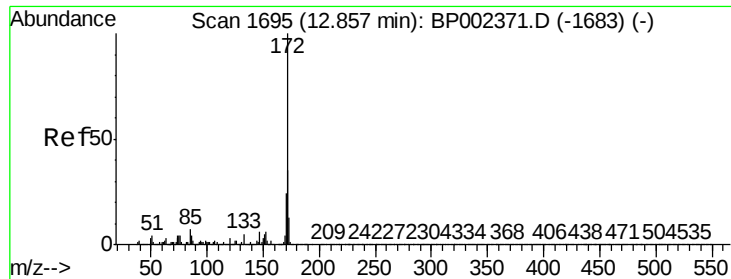
mohammad
 6/11/2020 1:49:34 PM



#44
 2,4,5-Trichlorophenol
 Concen: 4.330 ng
 RT: 12.73 min Scan# 1674
 Delta R.T. 0.00 min
 Lab File: BP002382.D
 Acq: 10 Jun 2020 19:25

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	40829		
198	97.5	76.2	114.2	
97	46.7	40.6	61.0	
132	24.3	21.0	31.4	





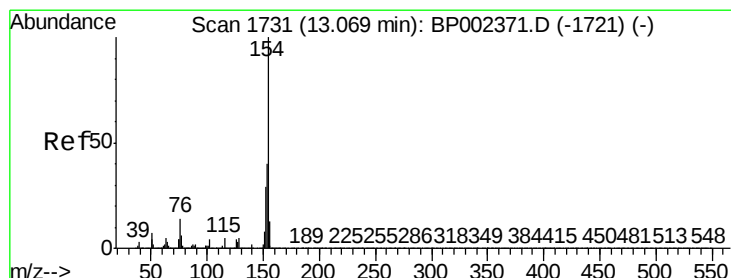
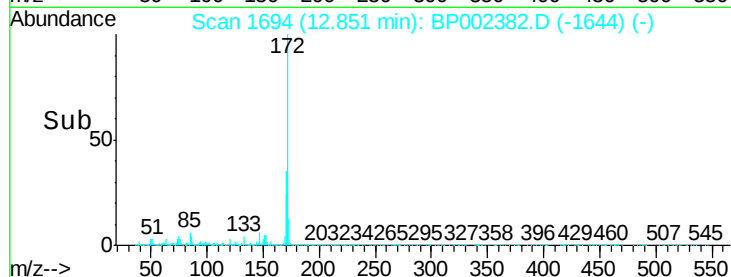
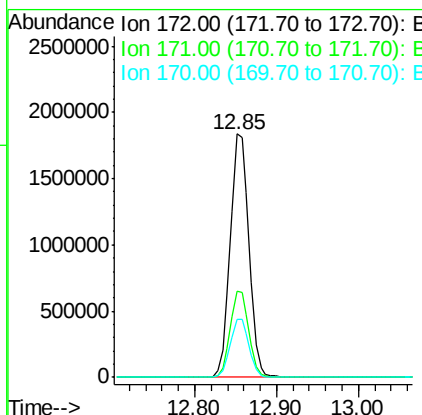
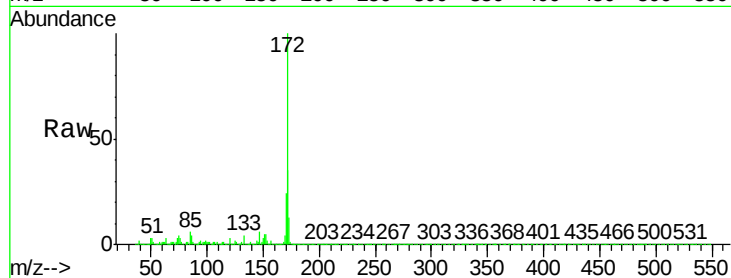
#45
2-Fluorobiphenyl
Concen: 113.095 ng
RT: 12.85 min Scan# 1694
Delta R.T. -0.00 min
Lab File: BP002382.D
Acq: 10 Jun 2020 19:25

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2020

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.4	27.8	41.8
170	23.7	19.0	28.6

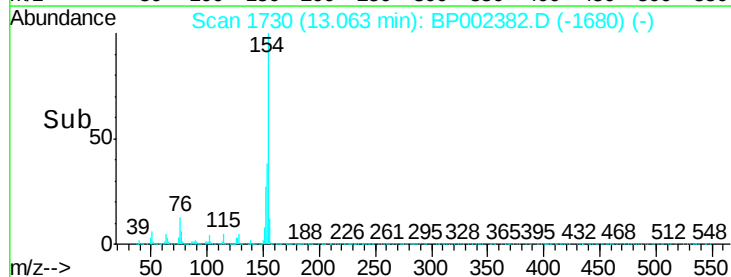
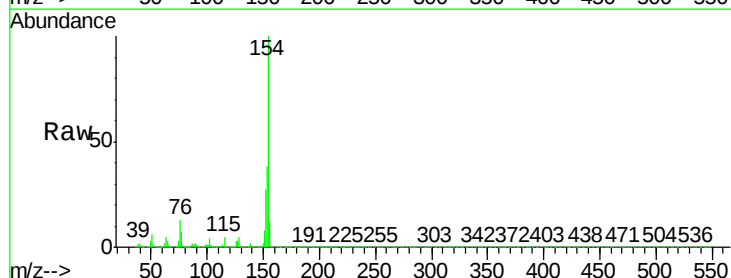
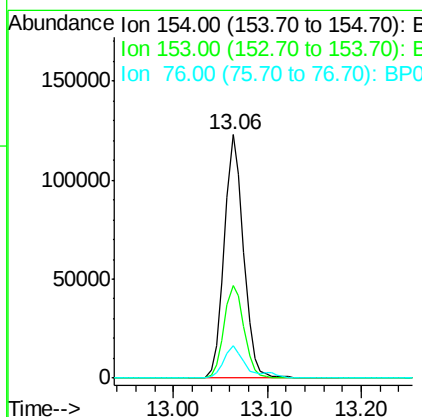
Manual Integrations
APPROVED

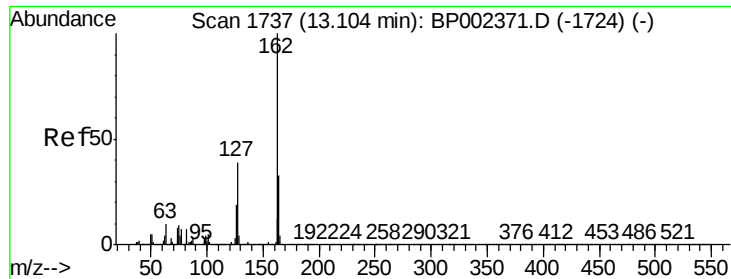
mohammad
6/11/2020 1:49:34 PM



#46
1,1'-Biphenyl
Concen: 6.154 ng
RT: 13.06 min Scan# 1730
Delta R.T. -0.01 min
Lab File: BP002382.D
Acq: 10 Jun 2020 19:25

Tgt Ion	Ratio	Lower	Upper
154	100		
153	38.1	20.2	60.2
76	13.1	0.0	34.2





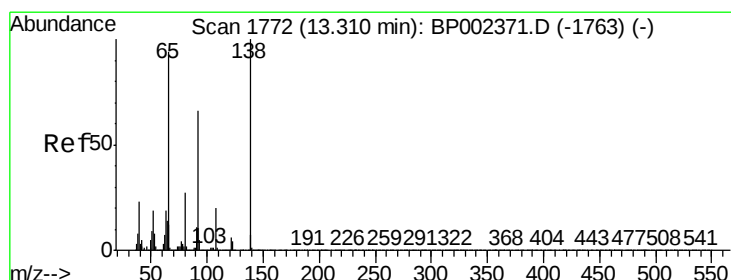
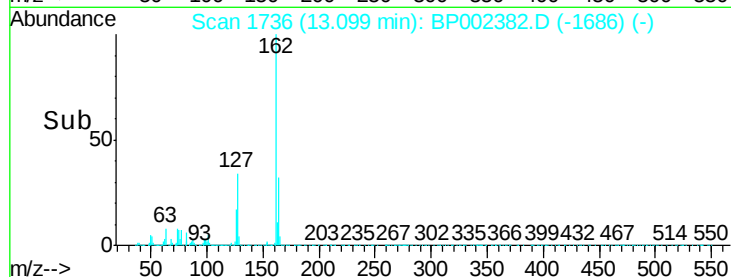
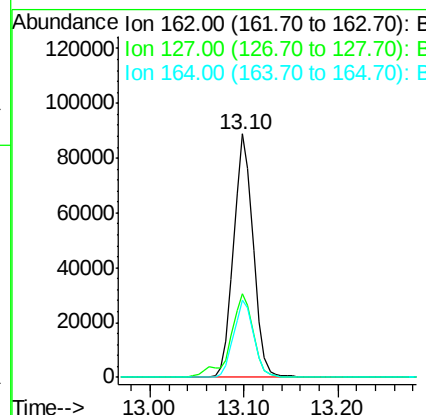
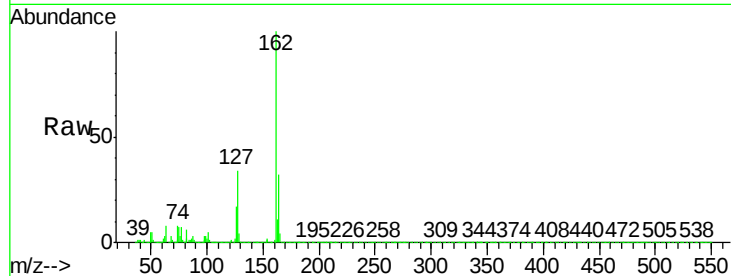
#47
2-Chloronaphthalene
Concen: 5.515 ng
RT: 13.10 min Scan# 1736
Delta R.T. -0.01 min
Lab File: BP002382.D
Acq: 10 Jun 2020 19:25

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2020

Tot Ion	Ratio	Lower	Upper
162	100		
127	34.5	31.0	46.4
164	31.9	26.6	40.0

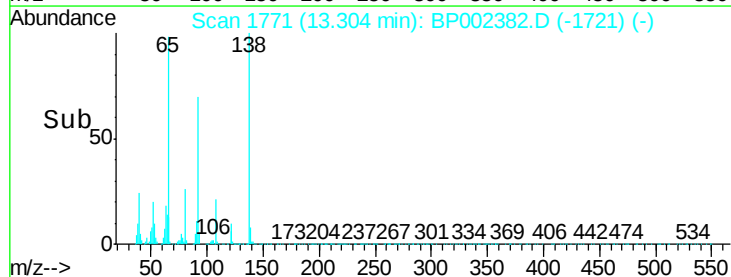
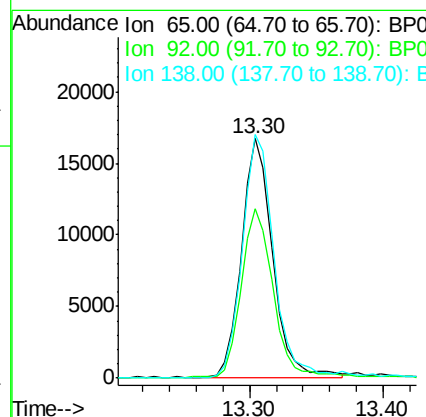
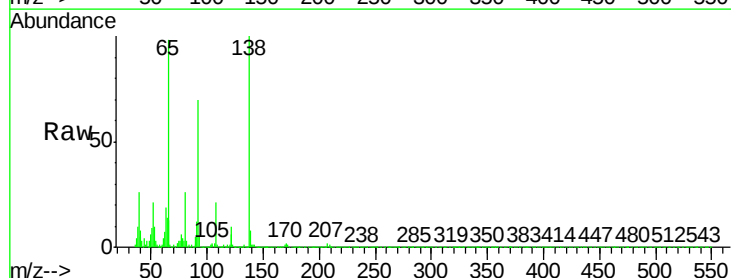
Manual Integrations
APPROVED

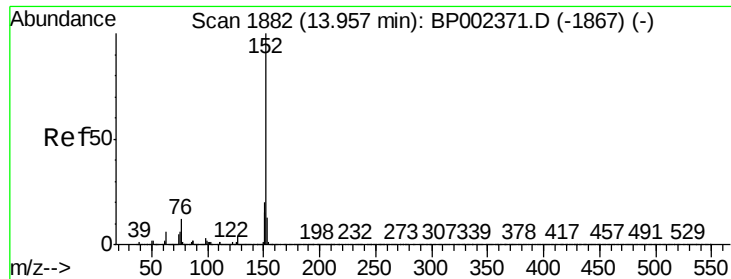
mohammad
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#48
2-Nitroaniline
Concen: 3.597 ng
RT: 13.30 min Scan# 1771
Delta R.T. -0.01 min
Lab File: BP002382.D
Acq: 10 Jun 2020 19:25

Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.8	56.3	84.5
138	101.7	85.0	127.6





#49

Acenaphthylene

Concen: 5.299 ng

RT: 13.95 min Scan# 1881

Delta R.T. -0.01 min

Lab File: BP002382.D

Acq: 10 Jun 2020 19:25

Instrument :

BNA_P

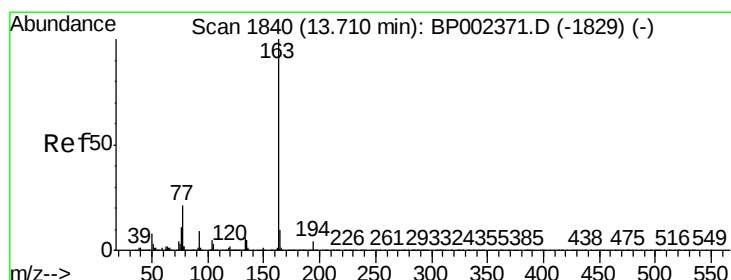
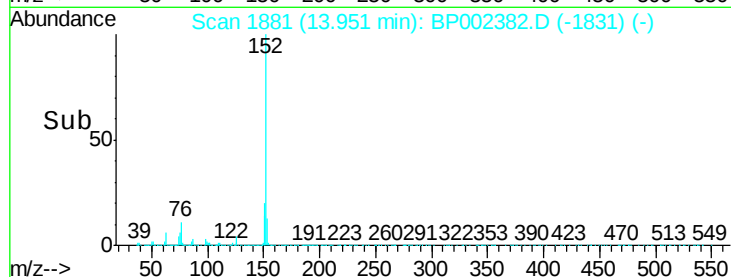
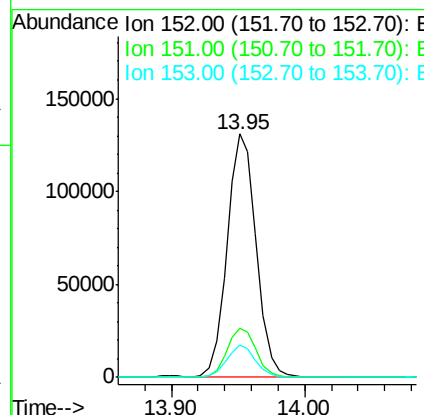
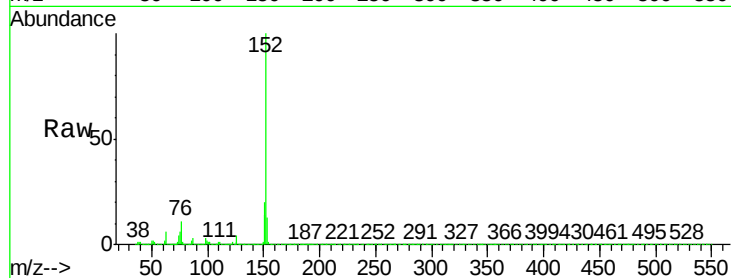
ClientSampleId :

LOD-MDL-SOIL-01-QT1-2020

Tot Ion:	152	Resp:	197877
Ion Ratio	Lower	Upper	
152	100		
151	20.0	15.7	23.5
153	13.5	10.5	15.7

Manual Integrations
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#50

Dimethylphthalate

Concen: 5.406 ng

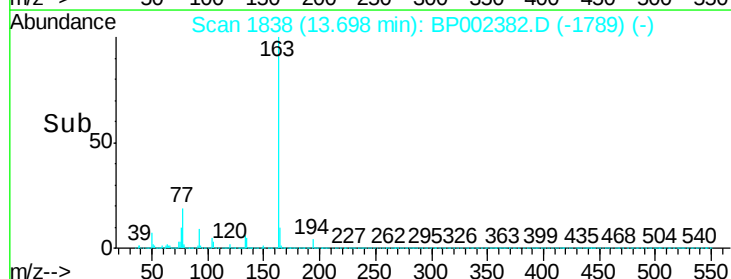
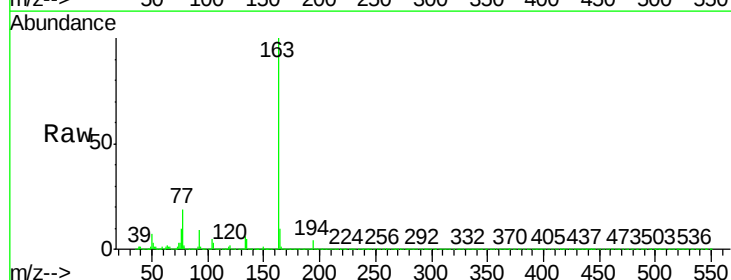
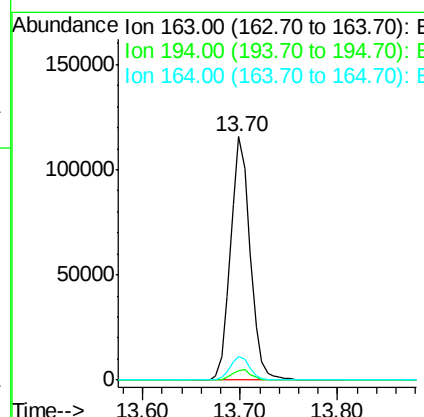
RT: 13.70 min Scan# 1838

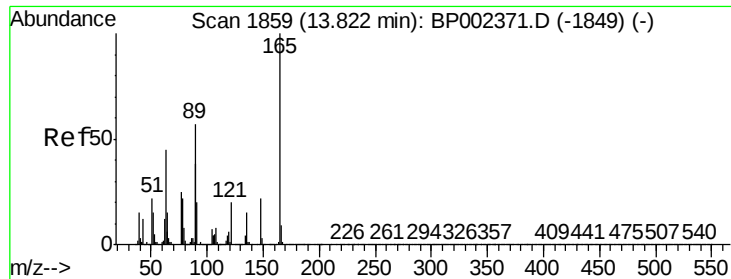
Delta R.T. -0.01 min

Lab File: BP002382.D

Acq: 10 Jun 2020 19:25

Tgt Ion:	163	Resp:	161676
Ion Ratio	Lower	Upper	
163	100		
194	3.9	3.4	5.0
164	9.6	8.1	12.1





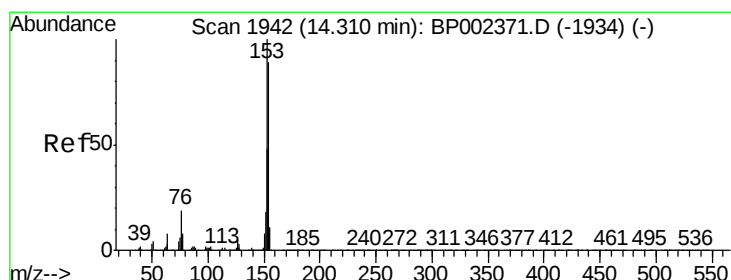
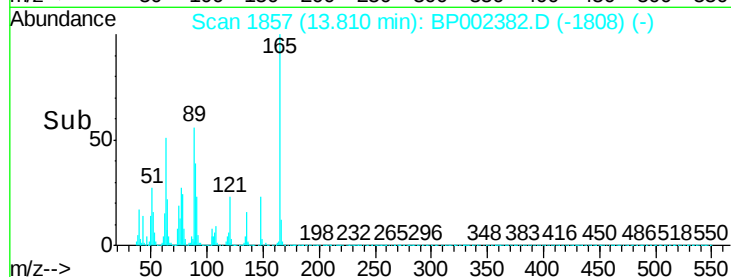
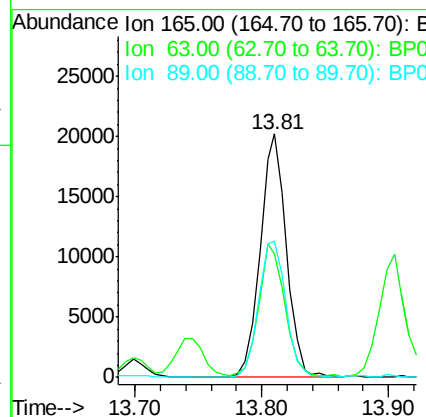
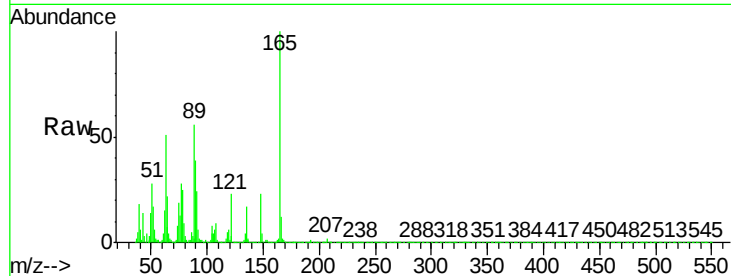
#51
2,6-Dinitrotoluene
Concen: 4.470 ng
RT: 13.81 min Scan# 1857
Delta R.T. -0.01 min
Lab File: BP002382.D
Acq: 10 Jun 2020 19:25

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2020

Tot Ion	Ratio	Lower	Upper
165	100		
63	50.8	43.1	64.7
89	56.1	45.3	67.9

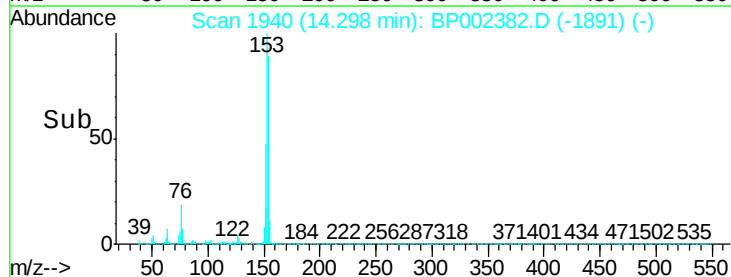
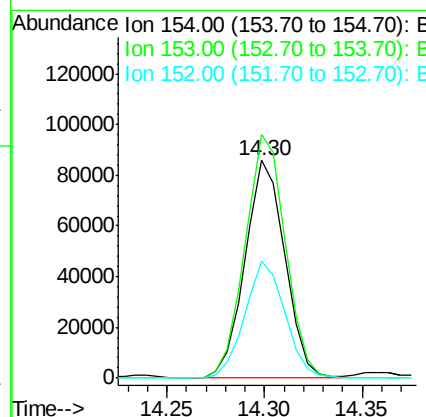
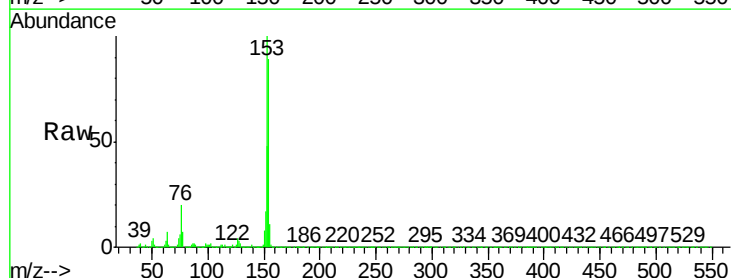
Manual Integrations
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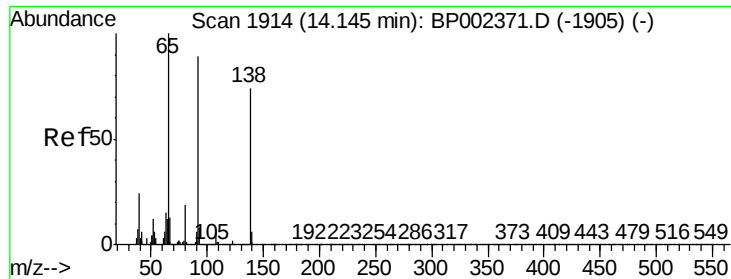
mohammad
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#52
Acenaphthene
Concen: 5.547 ng
RT: 14.30 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BP002382.D
Acq: 10 Jun 2020 19:25

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.9	89.5	134.3
152	53.5	43.3	64.9





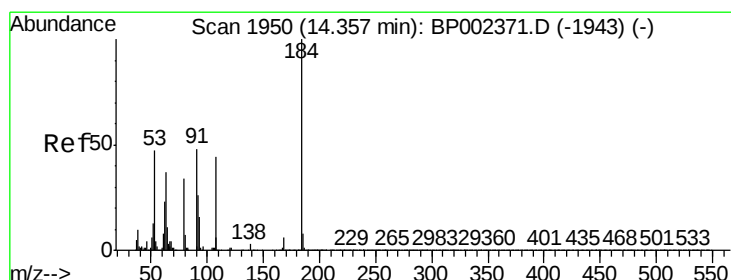
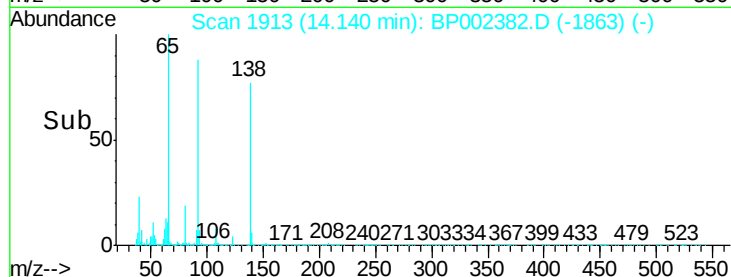
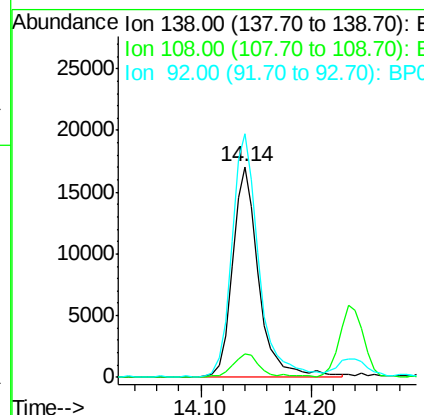
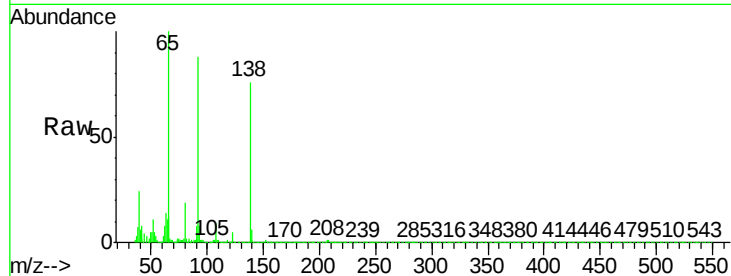
#53
3-Nitroaniline
Concen: 3.806 ng
RT: 14.14 min Scan# 1913
Delta R.T. -0.01 min
Lab File: BP002382.D
Acq: 10 Jun 2020 19:25

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2020

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.2	8.0	12.0
92	115.7	96.2	144.2

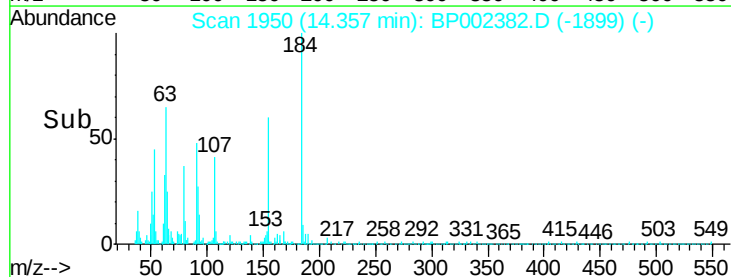
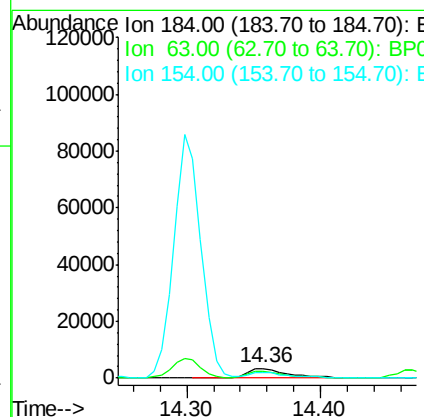
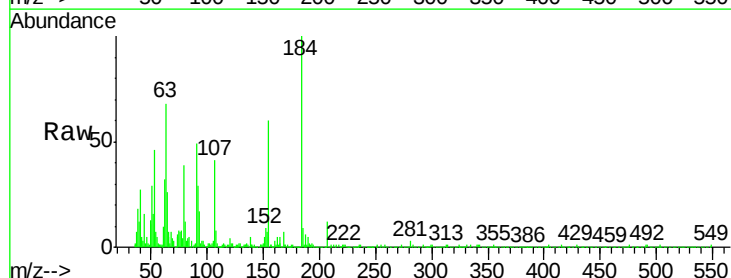
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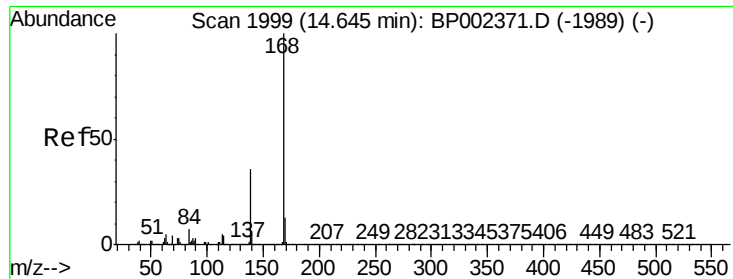
mohammad
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#54
2,4-Dinitrophenol
Concen: 1.968 ng
RT: 14.36 min Scan# 1950
Delta R.T. 0.00 min
Lab File: BP002382.D
Acq: 10 Jun 2020 19:25

Tgt Ion	Ratio	Lower	Upper
184	100		
63	68.1	52.3	78.5
154	60.2	48.6	72.8





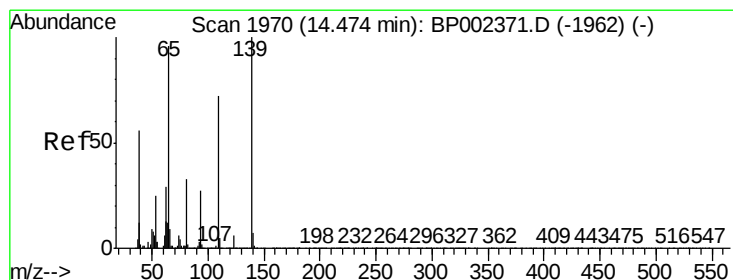
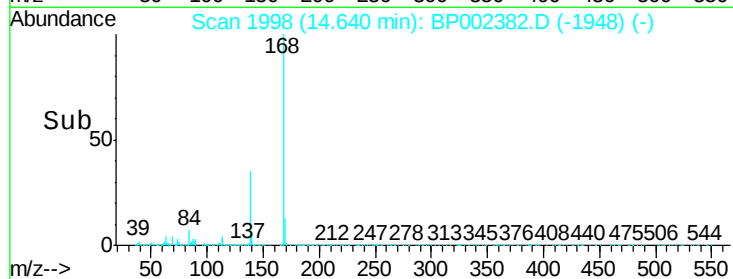
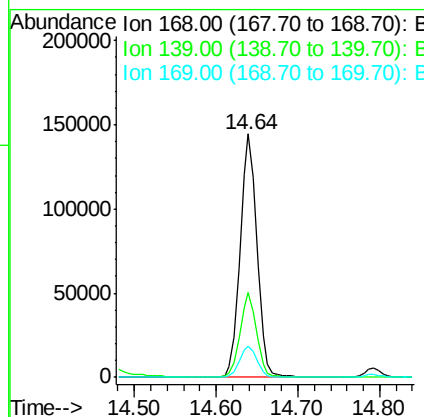
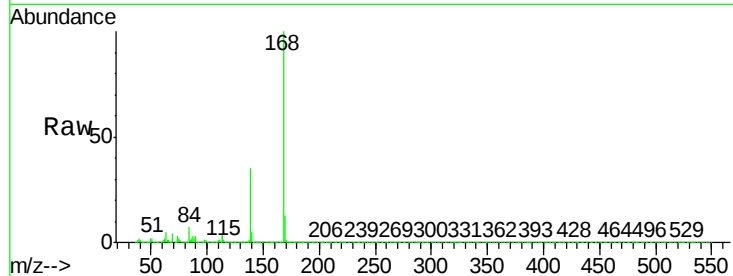
#55
Dibenzenofuran
Concen: 5.878 ng
RT: 14.64 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BP002382.D
Acq: 10 Jun 2020 19:25

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2020

Tot Ion	Ratio	Lower	Upper
168	100		
139	35.1	28.9	43.3
169	12.7	10.6	15.8

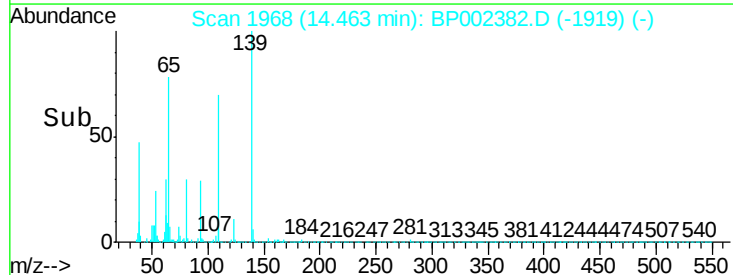
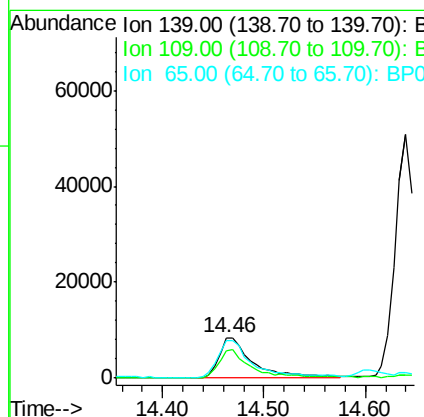
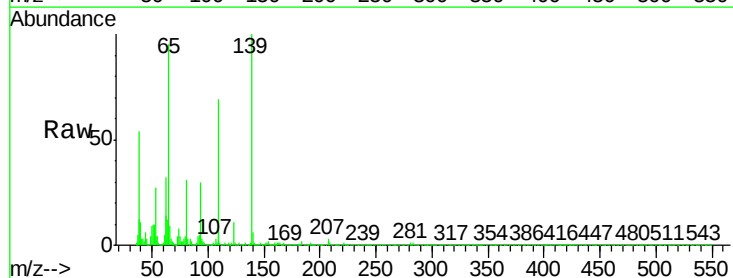
Manual Integrations
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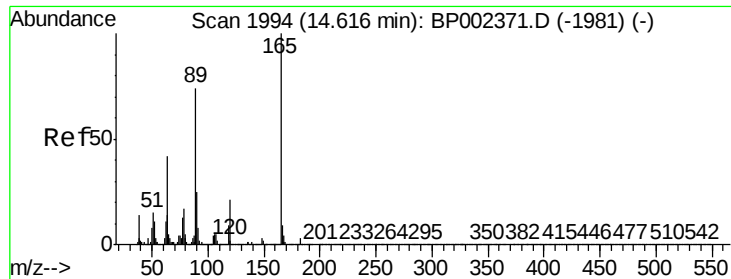
mohammad
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#56
4-Nitrophenol
Concen: 3.294 ng
RT: 14.46 min Scan# 1968
Delta R.T. -0.01 min
Lab File: BP002382.D
Acq: 10 Jun 2020 19:25

Tgt Ion	Ratio	Lower	Upper
139	100		
109	69.0	52.0	92.0
65	95.2	76.3	116.3





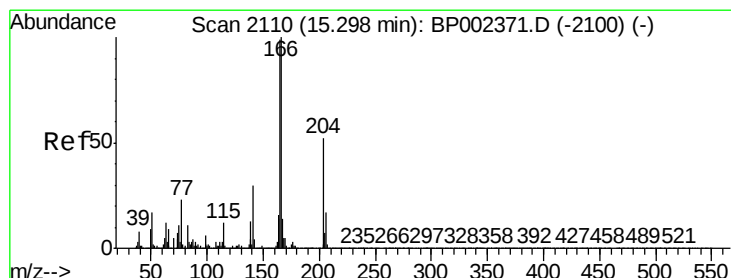
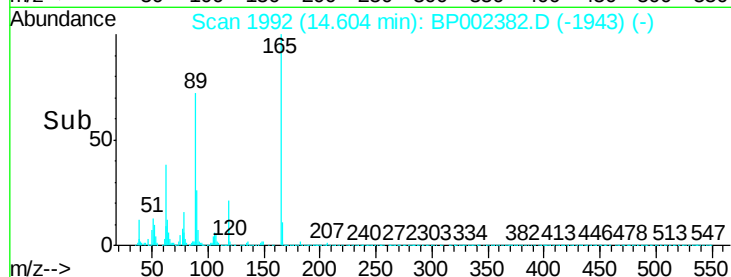
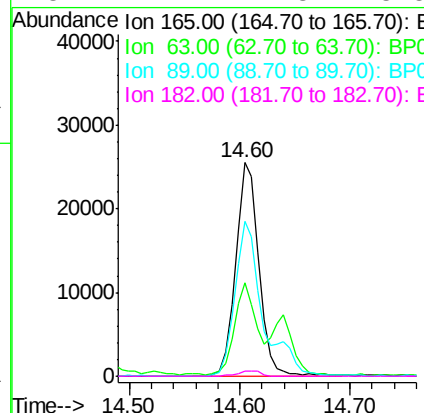
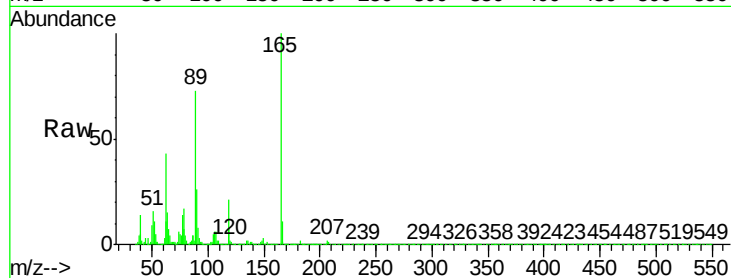
#57
2,4-Dinitrotoluene
Concen: 4.246 ng
RT: 14.60 min Scan# 1992
Delta R.T. -0.01 min
Lab File: BP002382.D
Acq: 10 Jun 2020 19:25

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2020

Tot Ion	Ratio	Lower	Upper
165	100		
63	43.5	34.2	51.2
89	72.6	59.3	88.9
182	2.4	2.3	3.5

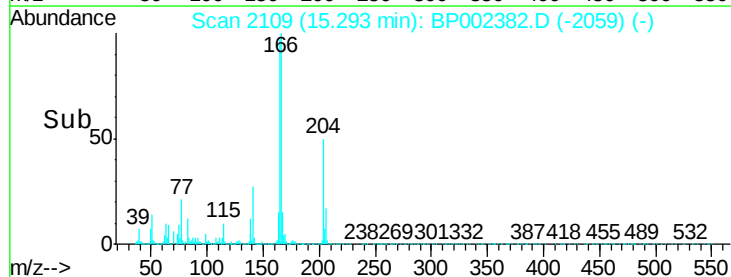
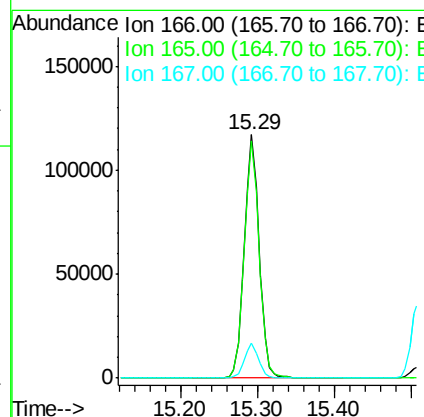
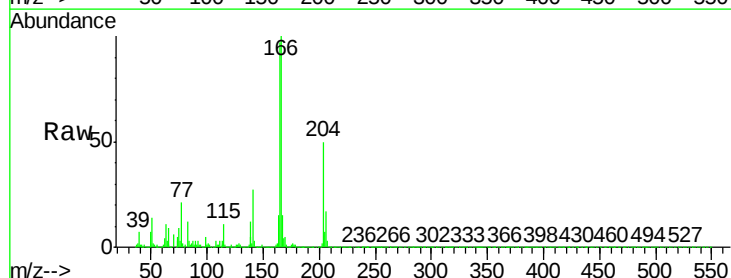
Manual Integrations
APPROVED

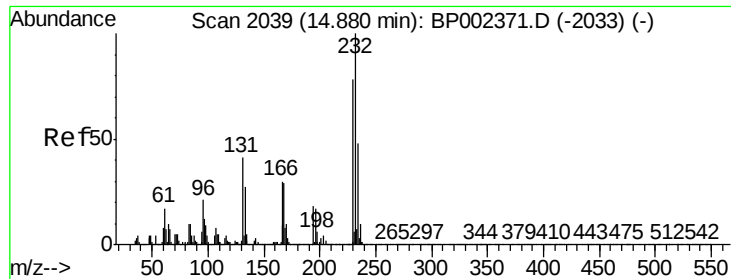
mohammad
6/11/2020 1:49:34 PM



#58
Fluorene
Concen: 5.760 ng
RT: 15.29 min Scan# 2109
Delta R.T. -0.00 min
Lab File: BP002382.D
Acq: 10 Jun 2020 19:25

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.2	79.1	118.7
167	14.5	11.0	16.4





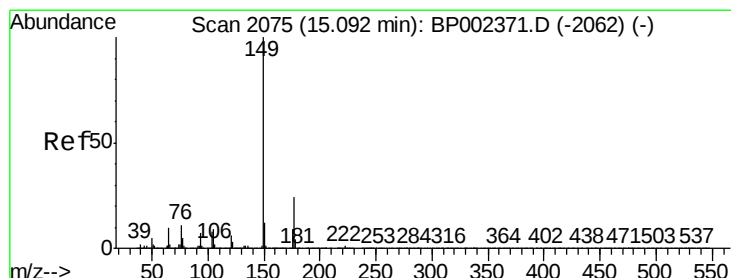
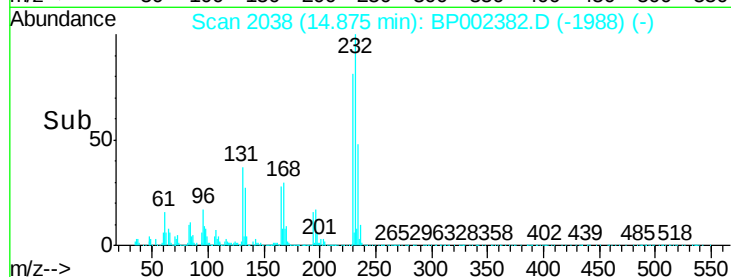
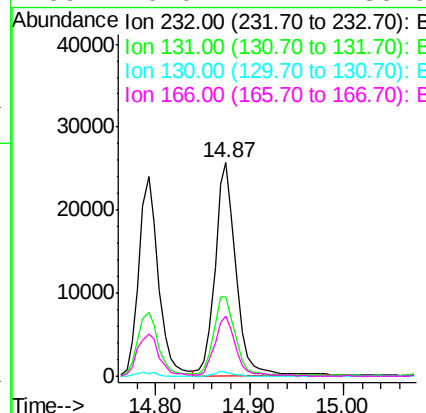
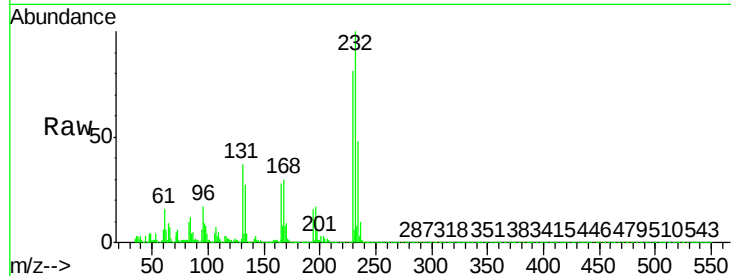
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 5.345 ng
 RT: 14.87 min Scan# 2038
 Delta R.T. -0.01 min
 Lab File: BP002382.D
 Acq: 10 Jun 2020 19:25

Instrument :
 BNA_P
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2020

Tot Ion	Ratio	Lower	Upper
232	100		
131	38.2	35.1	52.7
130	2.2	1.8	2.8
166	29.0	24.4	36.6

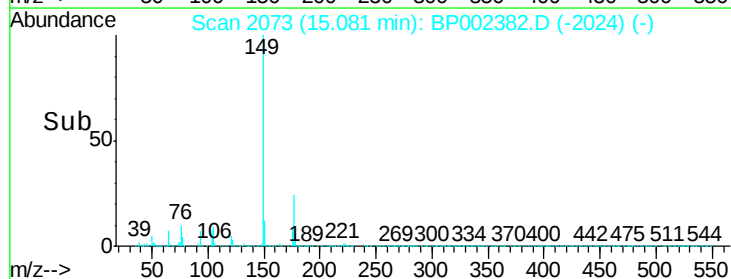
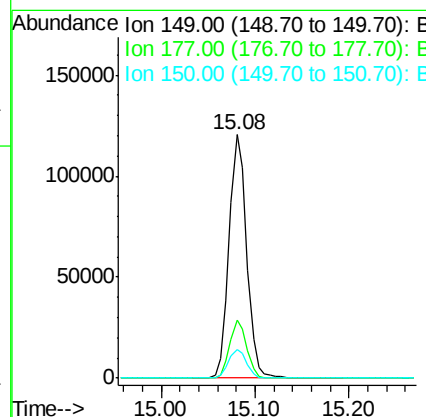
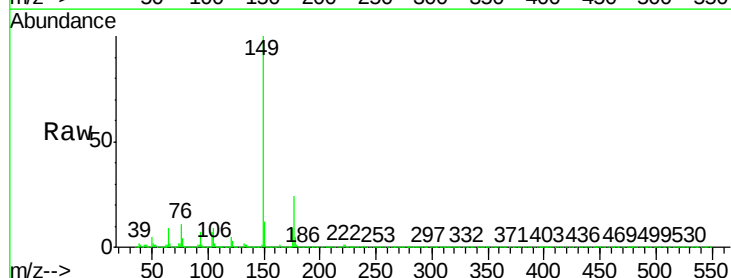
Manual Integrations
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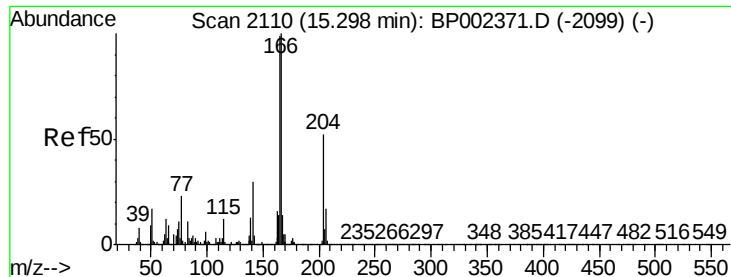
mohammad
 6/11/2020 1:49:34 PM



#60
 Diethylphthalate
 Concen: 5.258 ng
 RT: 15.08 min Scan# 2073
 Delta R.T. -0.01 min
 Lab File: BP002382.D
 Acq: 10 Jun 2020 19:25

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.0	18.9	28.3
150	11.8	9.9	14.9





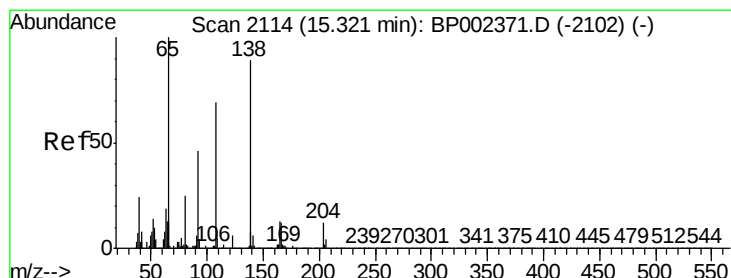
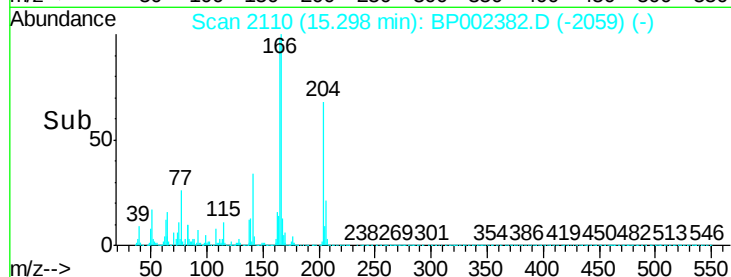
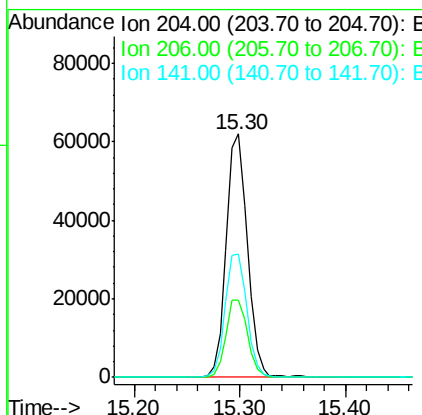
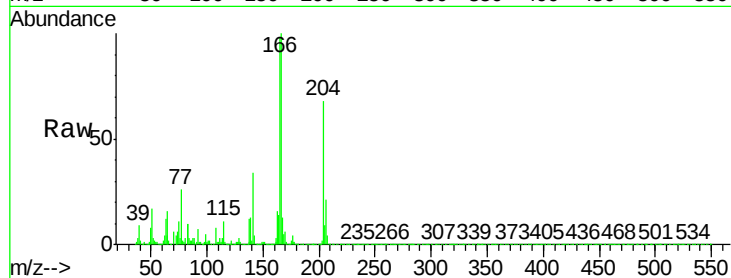
#61
4-Chlorophenyl-phenylether
Concen: 6.393 ng
RT: 15.30 min Scan# 2110
Delta R.T. 0.00 min
Lab File: BP002382.D
Acq: 10 Jun 2020 19:25

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2020

Tot Ion	Ratio	Lower	Upper
204	100		
206	31.6	26.8	40.2
141	50.4	46.6	69.8

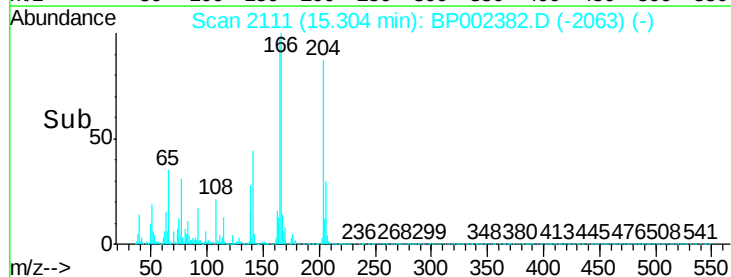
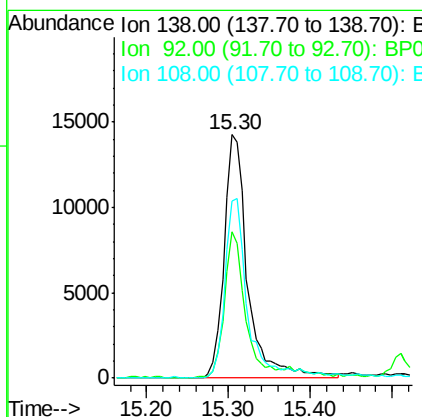
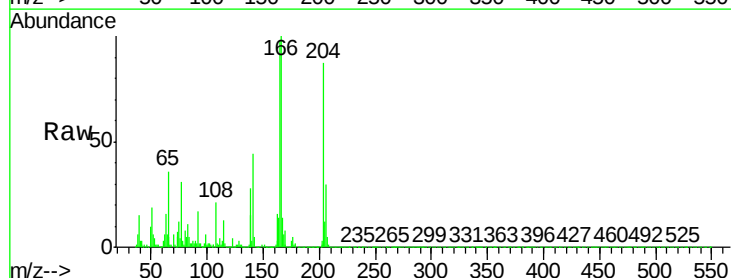
Manual Integrations
APPROVED

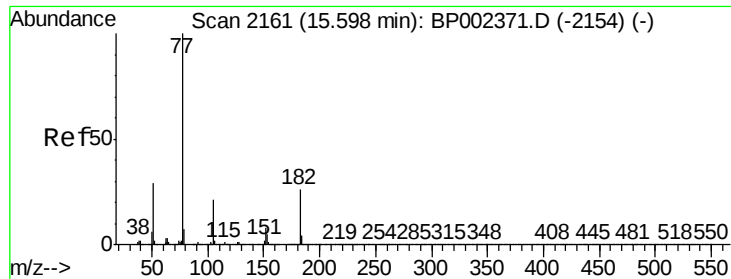
mohammad
6/11/2020 1:49:34 PM



#62
4-Nitroaniline
Concen: 4.027 ng
RT: 15.30 min Scan# 2111
Delta R.T. -0.02 min
Lab File: BP002382.D
Acq: 10 Jun 2020 19:25

Tgt Ion	Ratio	Lower	Upper
138	100		
92	60.3	31.7	71.7
108	72.6	57.5	97.5





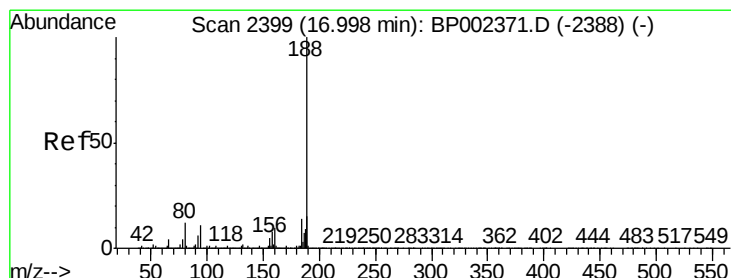
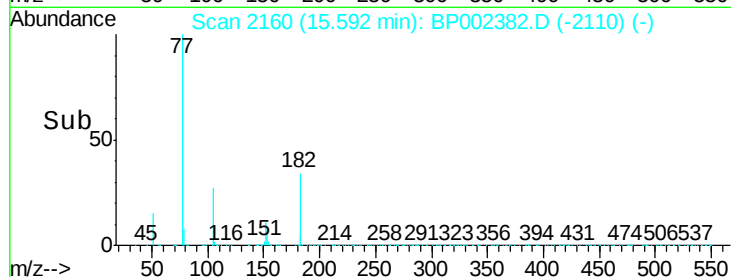
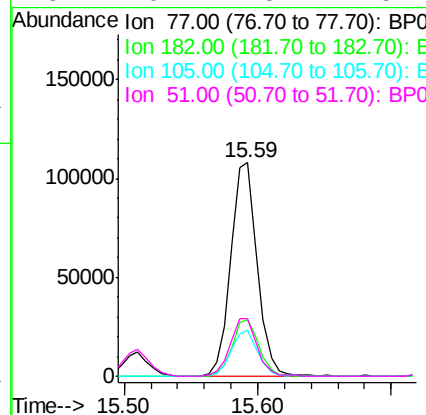
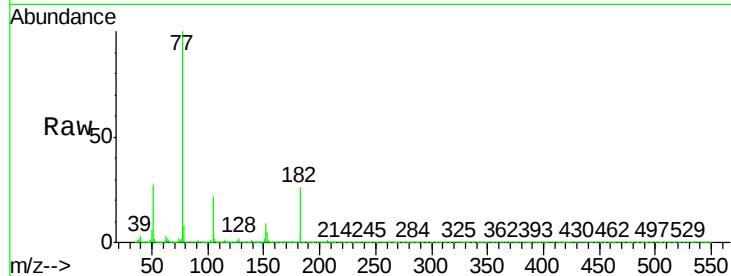
#63
Azobenzene
Concen: 5.001 ng
RT: 15.59 min Scan# 2160
Delta R.T. -0.01 min
Lab File: BP002382.D
Acq: 10 Jun 2020 19:25

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2020

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	26.4		6.0	46.0	
105	21.6		1.3	41.3	
51	26.7		8.7	48.7	

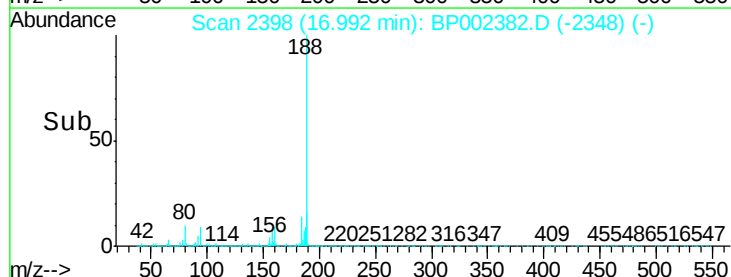
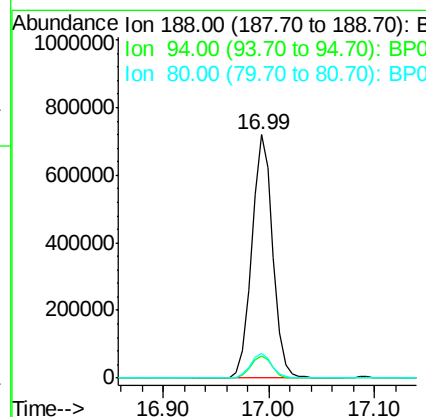
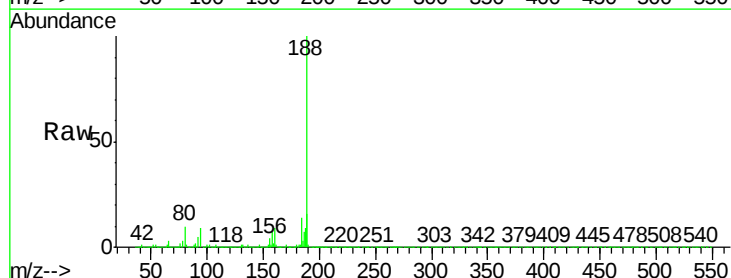
Manual Integrations
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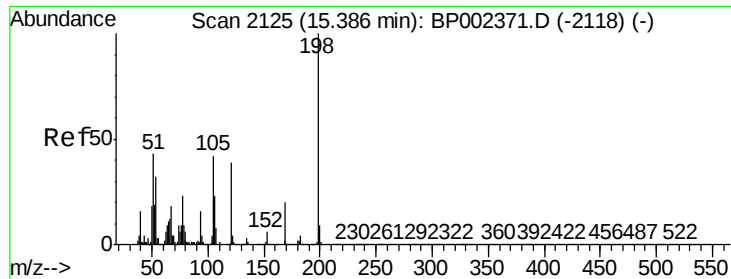
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.99 min Scan# 2398
Delta R.T. -0.01 min
Lab File: BP002382.D
Acq: 10 Jun 2020 19:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	9.3		8.5	12.7	
80	10.1		9.4	14.0	





#65

4,6-Dinitro-2-methylphenol

Concen: 3.276 ng

RT: 15.37 min Scan# 2123

Delta R.T. -0.01 min

Lab File: BP002382.D

Acq: 10 Jun 2020 19:25

Instrument :

BNA_P

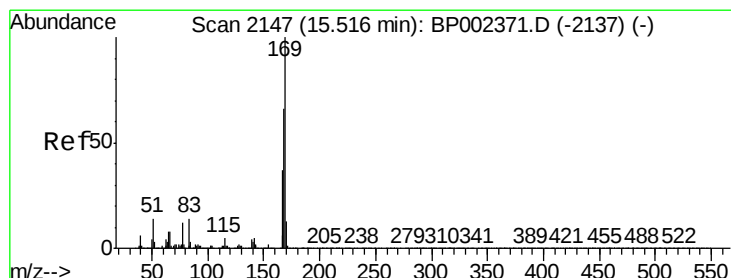
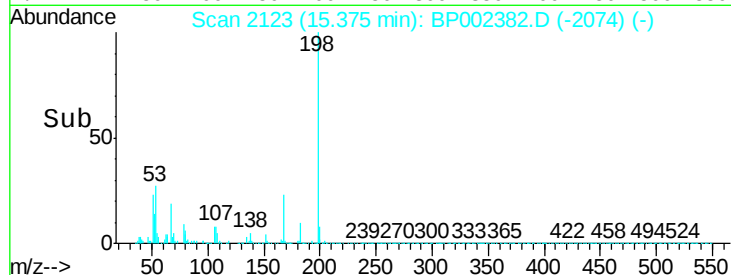
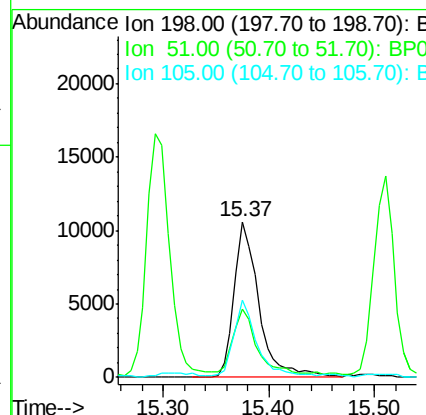
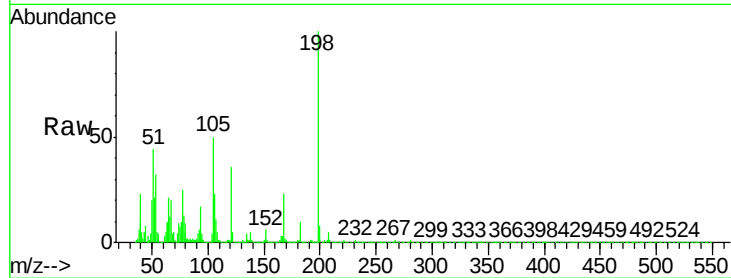
ClientSampleId :

LOD-MDL-SOIL-01-QT1-2020

Tot Ion:	198	Resp:	17133
Ion Ratio	Lower	Upper	
198	100		
51	43.6	23.4	63.4
105	49.7	22.5	62.5

Manual Integrations
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#66

n-Nitrosodiphenylamine

Concen: 5.493 ng

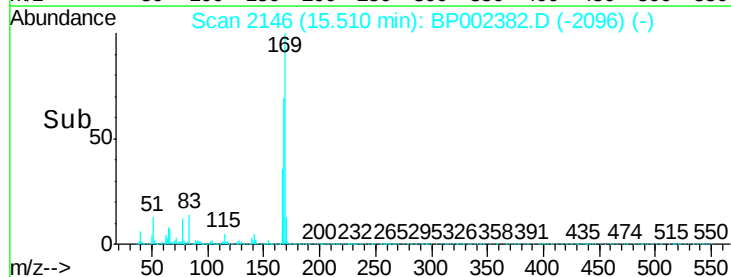
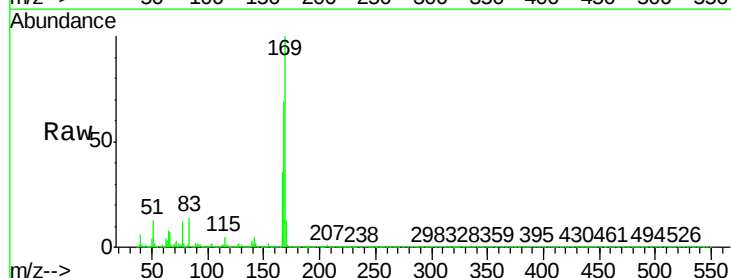
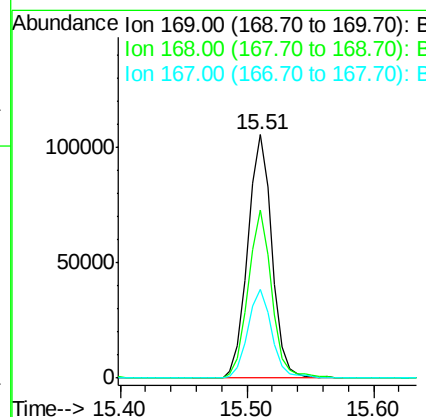
RT: 15.51 min Scan# 2146

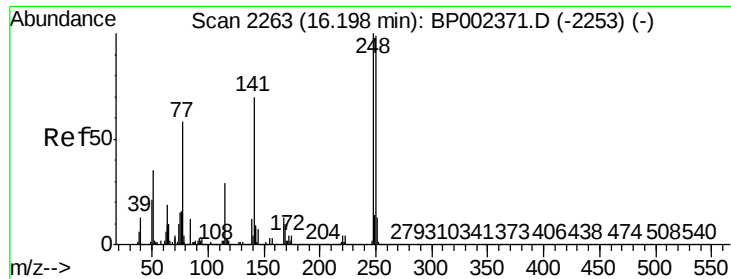
Delta R.T. -0.01 min

Lab File: BP002382.D

Acq: 10 Jun 2020 19:25

Tgt Ion:	169	Resp:	139100
Ion Ratio	Lower	Upper	
169	100		
168	69.1	52.8	79.2
167	36.2	29.4	44.0





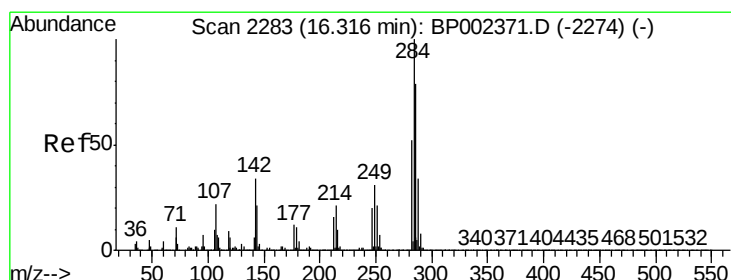
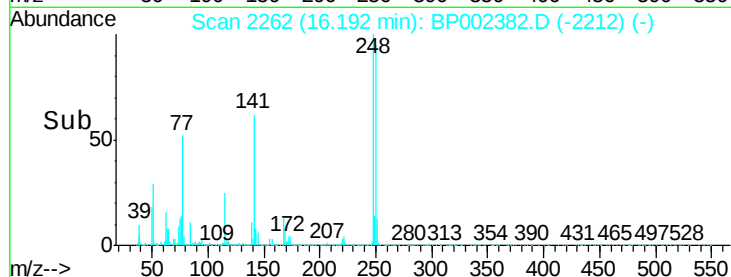
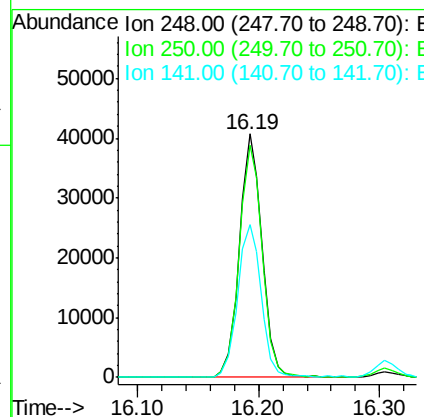
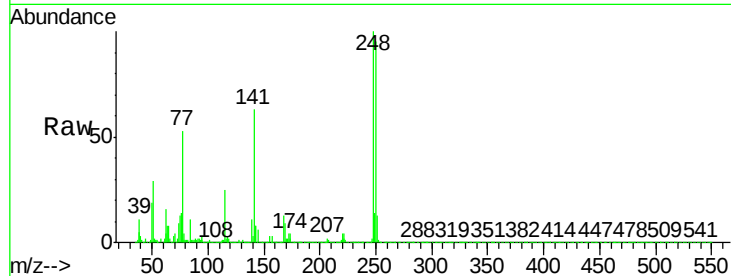
#67
4-Bromophenyl-phenylether
Concen: 5.645 ng
RT: 16.19 min Scan# 2262
Delta R.T. -0.01 min
Lab File: BP002382.D
Acq: 10 Jun 2020 19:25

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2020

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.4	79.3	118.9
141	62.6	55.7	83.5

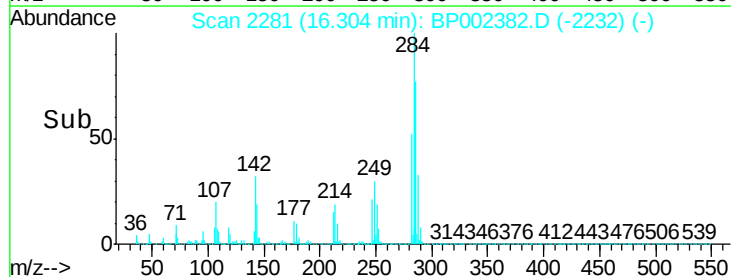
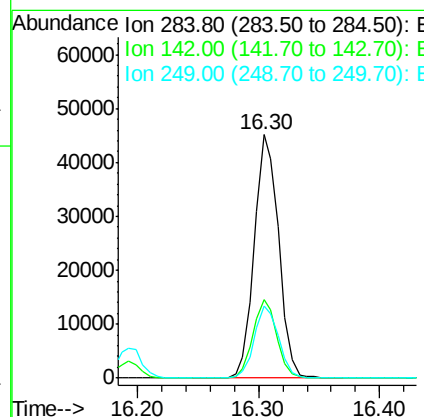
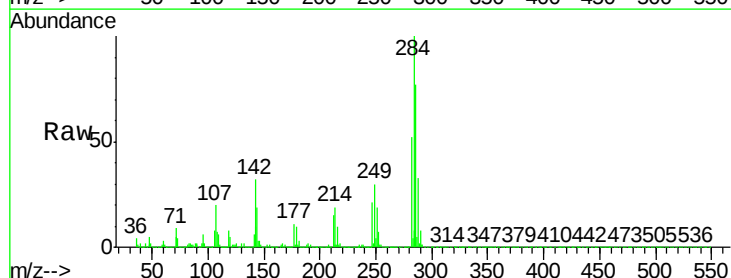
Manual Integrations
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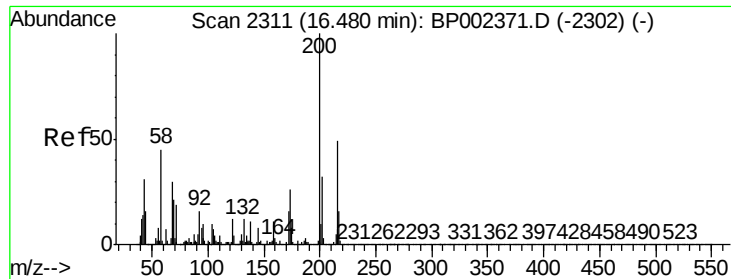
mohammad
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#68
Hexachlorobenzene
Concen: 6.366 ng
RT: 16.30 min Scan# 2281
Delta R.T. -0.01 min
Lab File: BP002382.D
Acq: 10 Jun 2020 19:25

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.5	27.4	41.0
249	29.6	24.9	37.3





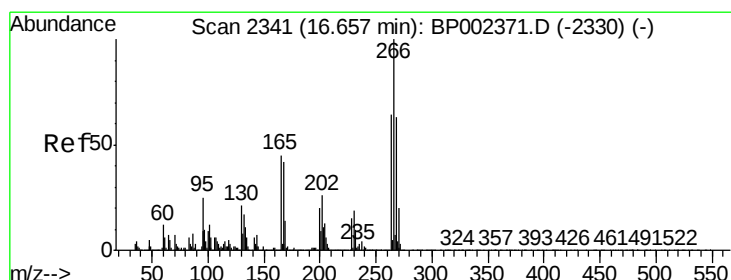
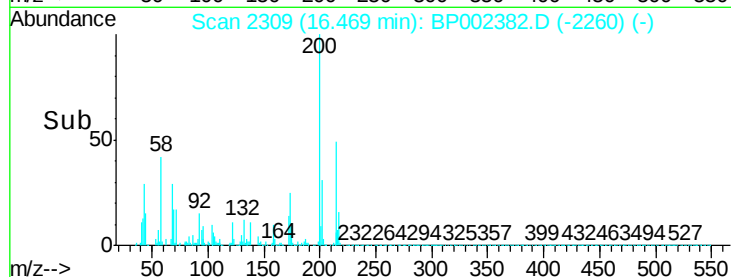
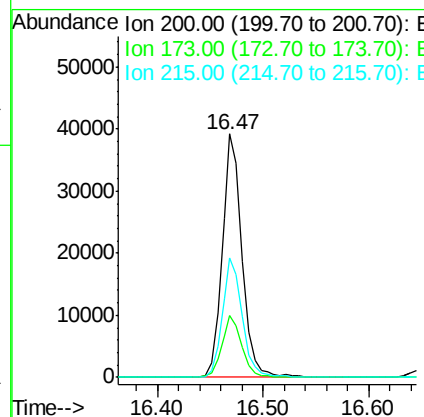
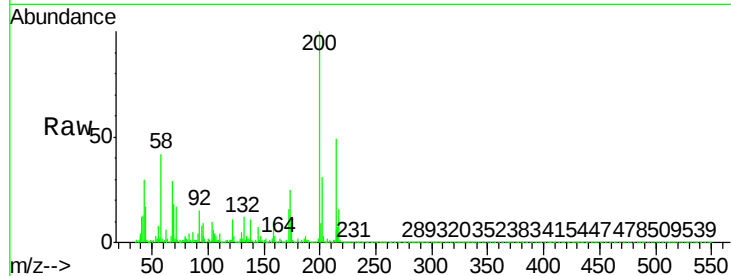
#69
Atrazine
Concen: 6.212 ng
RT: 16.47 min Scan# 2309
Delta R.T. -0.01 min
Lab File: BP002382.D
Acq: 10 Jun 2020 19:25

Instrument :
BNA_P
ClientSampled :
LOD-MDL-SOIL-01-QT1-2020

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.2	6.4	46.4
215	49.2	29.3	69.3

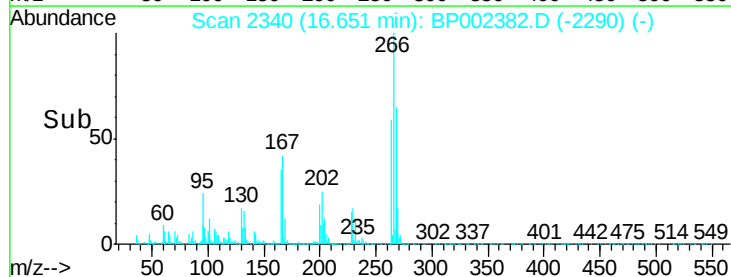
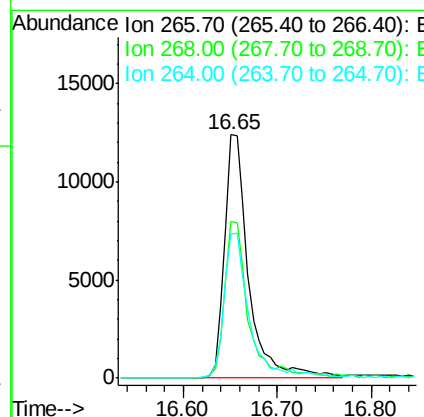
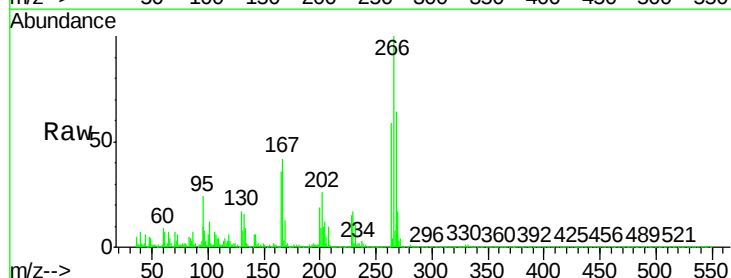
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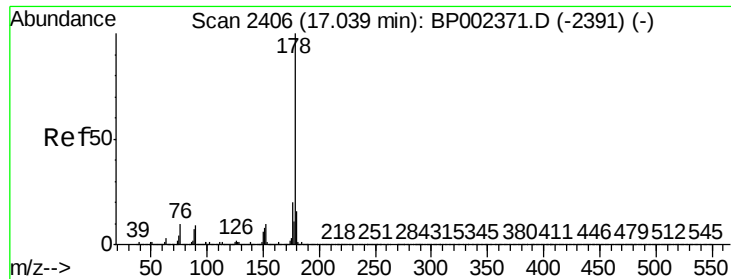
mohammad
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#70
Pentachlorophenol
Concen: 3.728 ng
RT: 16.65 min Scan# 2340
Delta R.T. -0.01 min
Lab File: BP002382.D
Acq: 10 Jun 2020 19:25

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.4	50.5	75.7
264	59.2	51.4	77.0





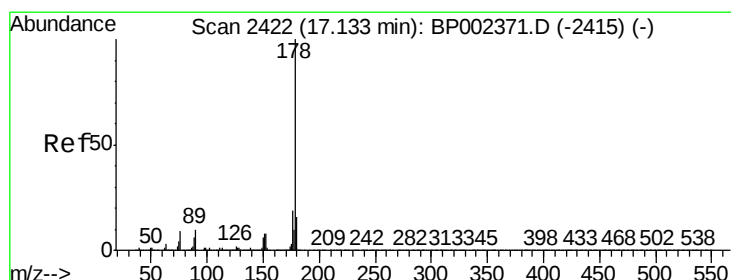
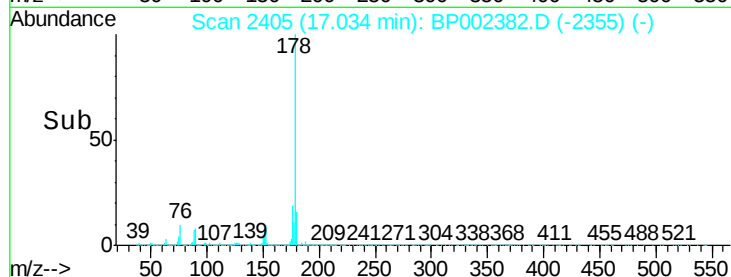
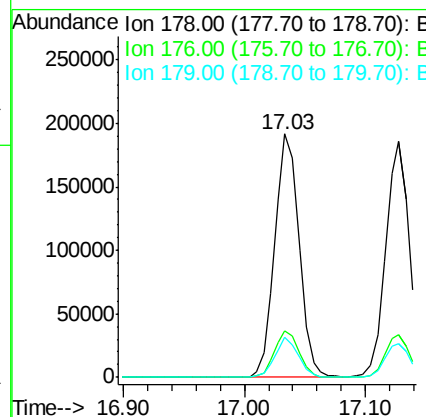
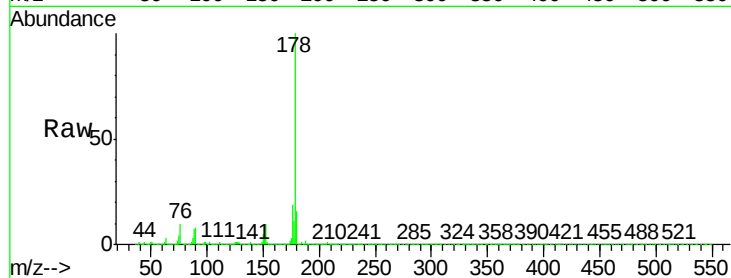
#71
Phenanthrene
Concen: 5.738 ng
RT: 17.03 min Scan# 2405
Delta R.T. -0.01 min
Lab File: BP002382.D
Acq: 10 Jun 2020 19:25

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2020

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.8	23.6
179	16.4	12.5	18.7

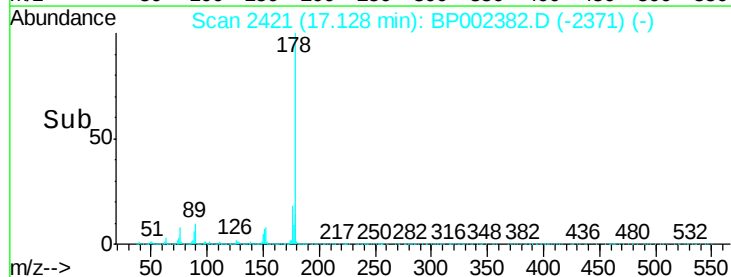
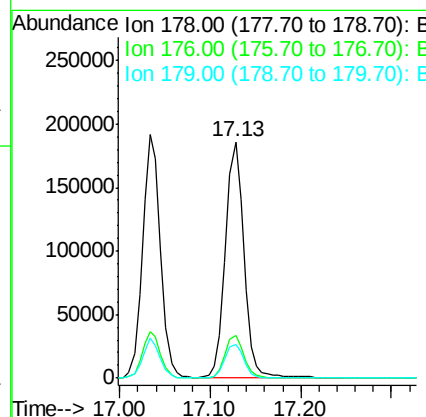
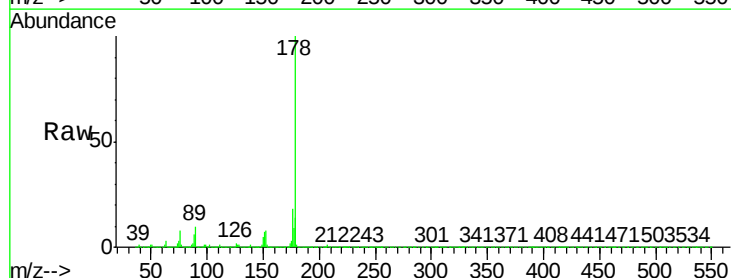
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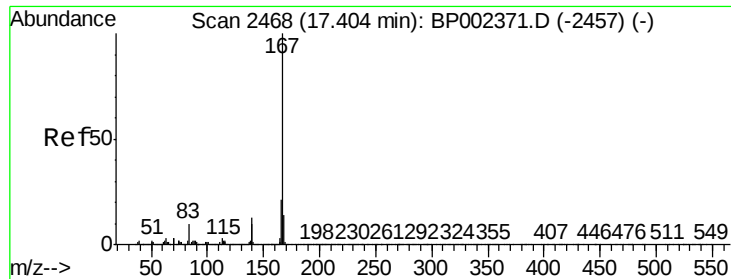
mohammad
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#72
Anthracene
Concen: 5.681 ng
RT: 17.13 min Scan# 2421
Delta R.T. -0.01 min
Lab File: BP002382.D
Acq: 10 Jun 2020 19:25

Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.9	15.5	23.3
179	14.1	13.0	19.4





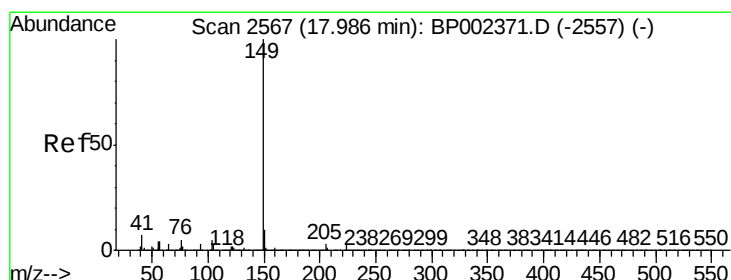
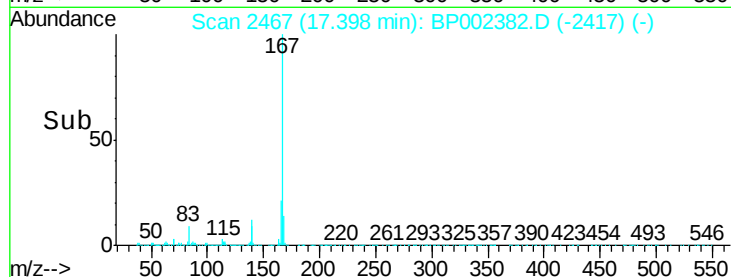
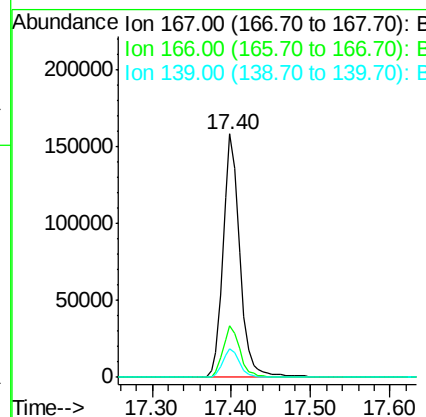
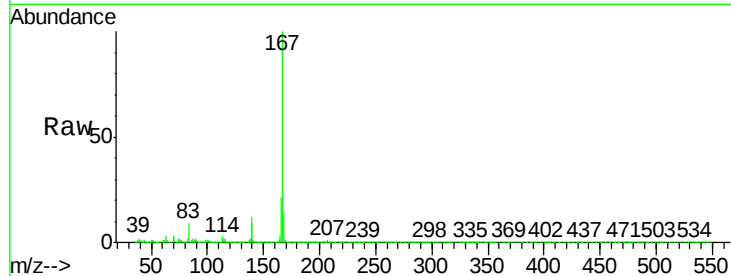
#73
 Carbazole
 Concen: 5.120 ng
 RT: 17.40 min Scan# 2467
 Delta R.T. -0.01 min
 Lab File: BP002382.D
 Acq: 10 Jun 2020 19:25

Instrument :
 BNA_P
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2020

Tot Ion:	167	Resp:	232005
Ion Ratio	Lower	Upper	
167	100		
166	21.3	17.1	25.7
139	11.8	10.3	15.5

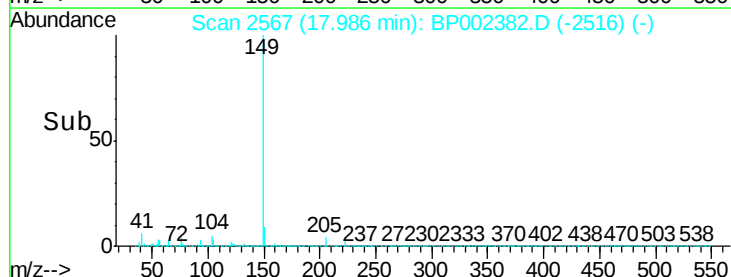
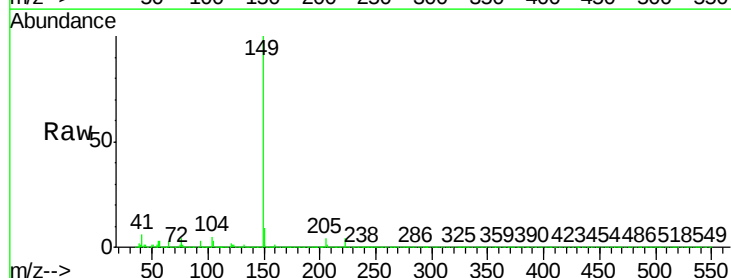
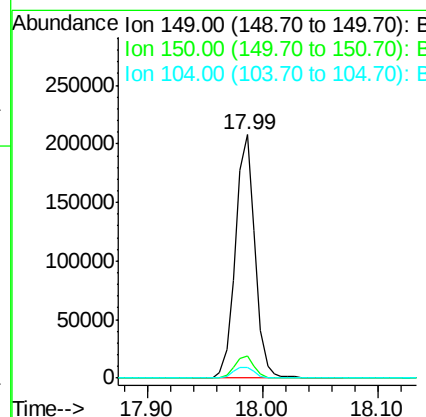
Manual Integrations
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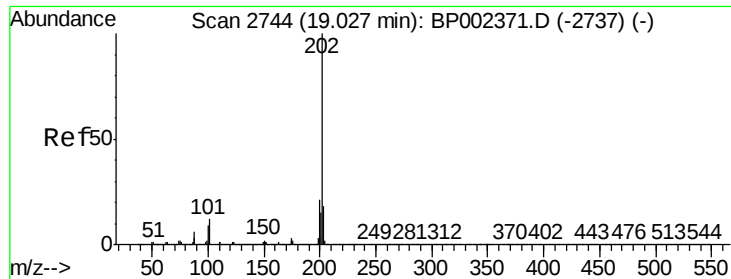
mohammad
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#74
 Di-n-butylphthalate
 Concen: 4.511 ng
 RT: 17.99 min Scan# 2567
 Delta R.T. 0.00 min
 Lab File: BP002382.D
 Acq: 10 Jun 2020 19:25

Tgt Ion:	149	Resp:	241907
Ion Ratio	Lower	Upper	
149	100		
150	9.0	7.7	11.5
104	4.6	4.3	6.5





#75

Fluoranthene

Concen: 5.569 ng

RT: 19.02 min Scan# 2743

Delta R.T. -0.01 min

Lab File: BP002382.D

Acq: 10 Jun 2020 19:25

Instrument :

BNA_P

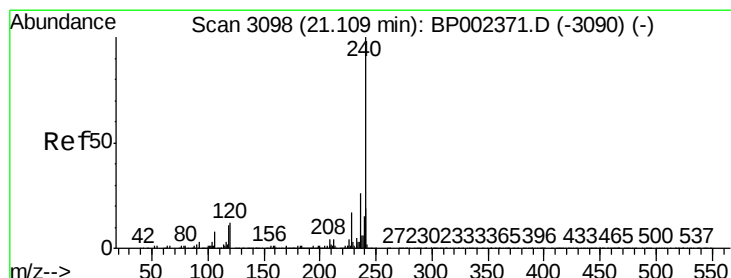
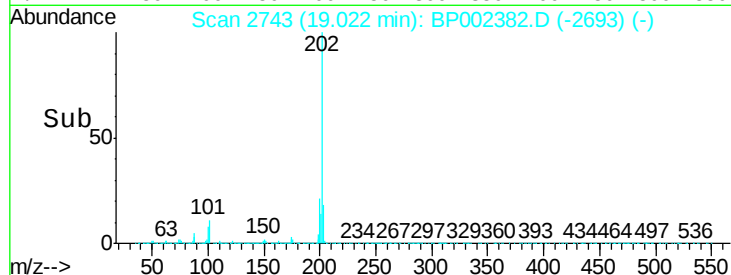
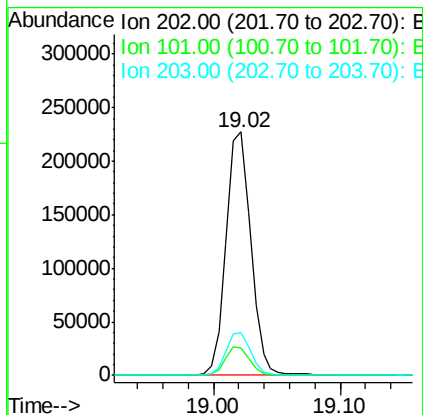
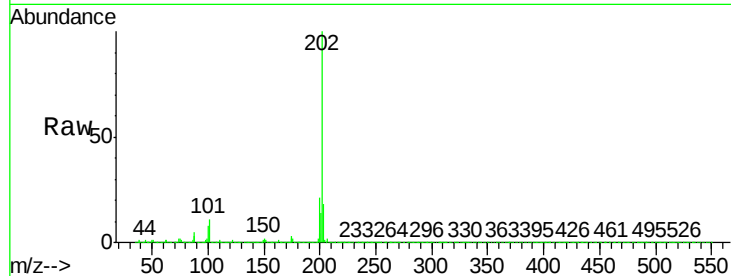
ClientSampleId :

LOD-MDL-SOIL-01-QT1-2020

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	11.0	0.0	31.8
203	17.7	0.0	38.0

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

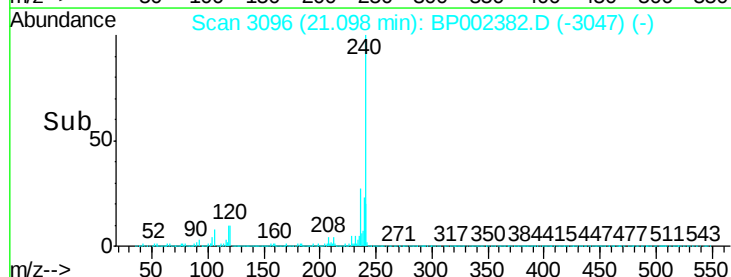
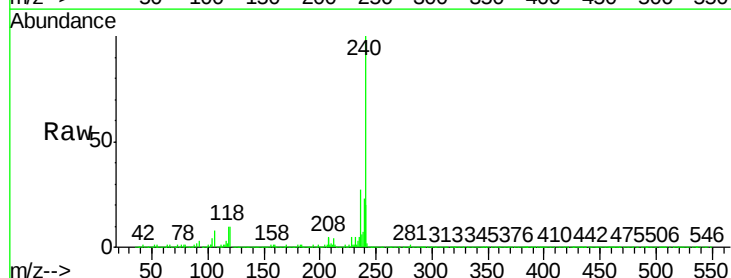
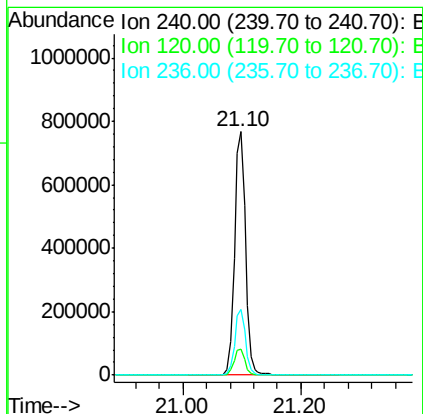
RT: 21.10 min Scan# 3096

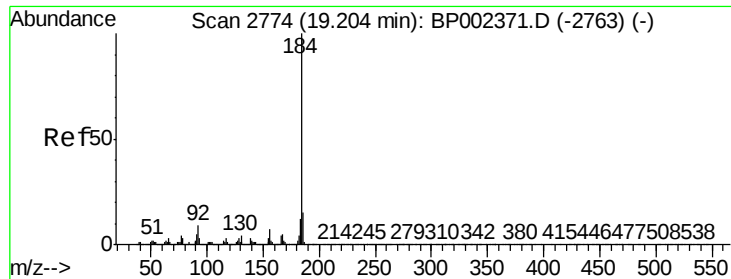
Delta R.T. -0.01 min

Lab File: BP002382.D

Acq: 10 Jun 2020 19:25

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	10.4	9.3	13.9
236	27.0	21.0	31.6





#77

Benzidine

Concen: 5.221 ng

RT: 19.20 min Scan# 2774

Delta R.T. 0.00 min

Lab File: BP002382.D

Acq: 10 Jun 2020 19:25

Instrument :

BNA_P

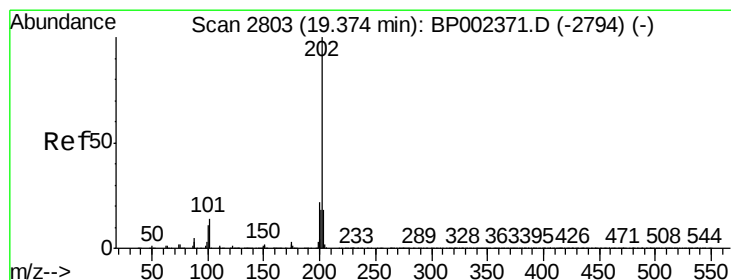
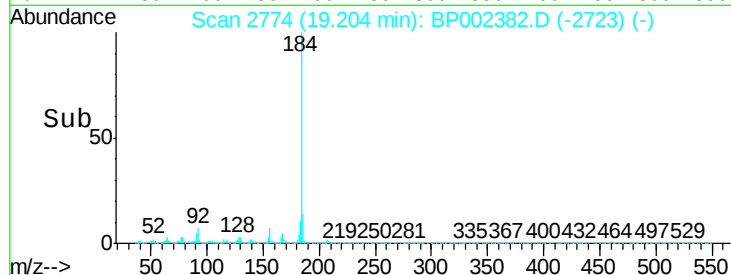
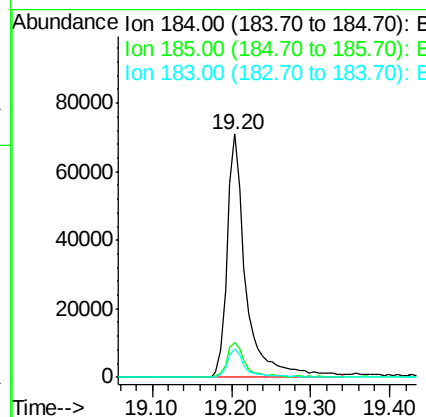
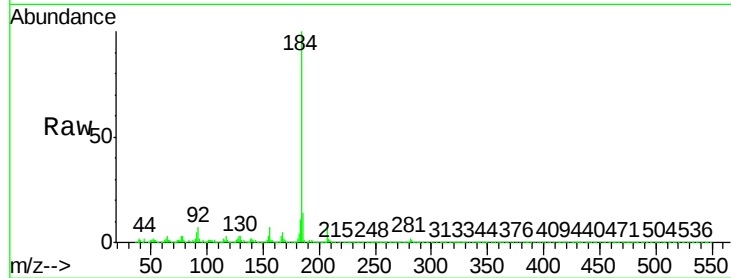
ClientSampleId :

LOD-MDL-SOIL-01-QT1-2020

Tot Ion:	184	Resp:	116805
Ion Ratio	Lower	Upper	
184	100		
185	14.4	11.8	17.8
183	11.5	9.2	13.8

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#78

Pyrene

Concen: 5.429 ng

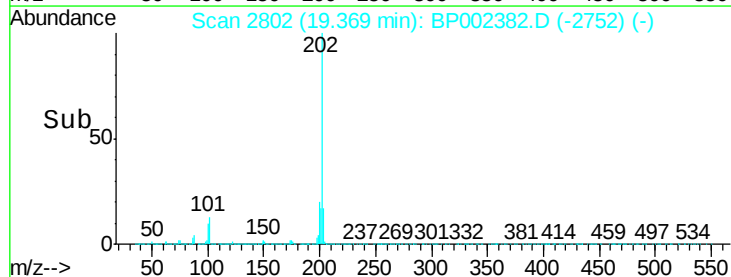
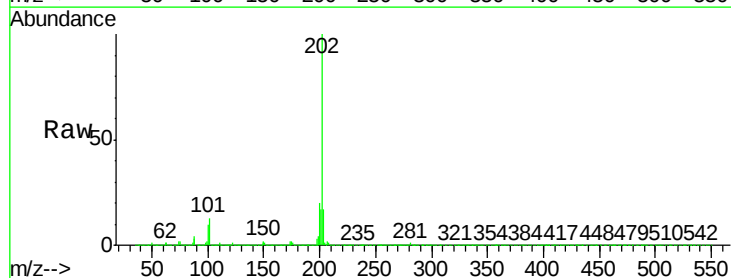
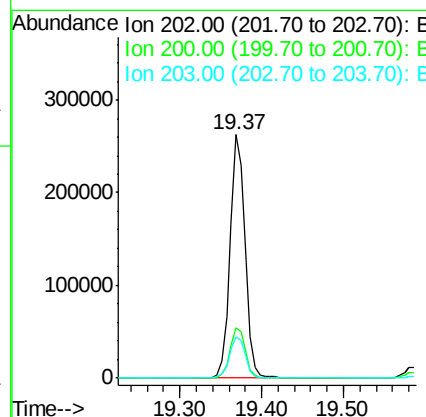
RT: 19.37 min Scan# 2802

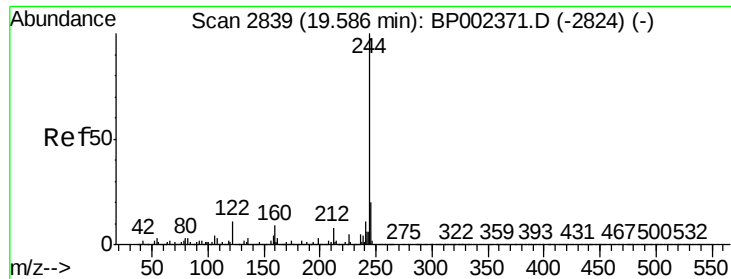
Delta R.T. -0.01 min

Lab File: BP002382.D

Acq: 10 Jun 2020 19:25

Tgt Ion:	202	Resp:	332975
Ion Ratio	Lower	Upper	
202	100		
200	20.5	17.7	26.5
203	17.1	14.6	22.0





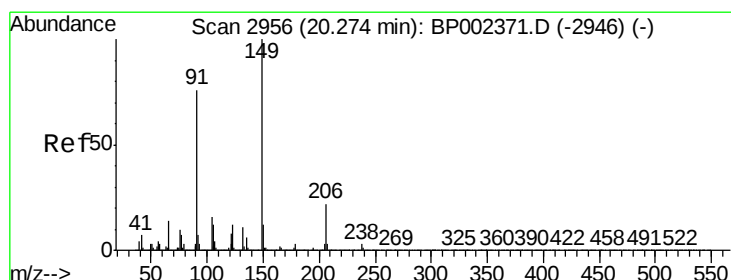
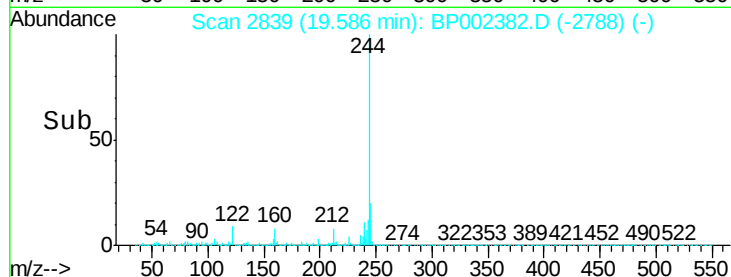
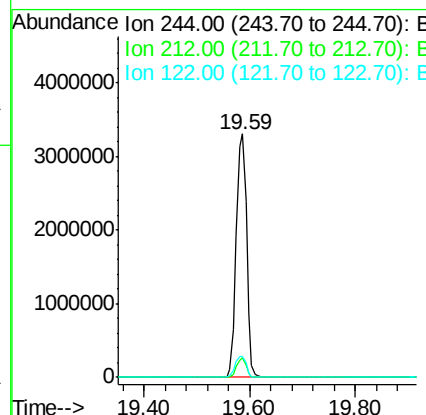
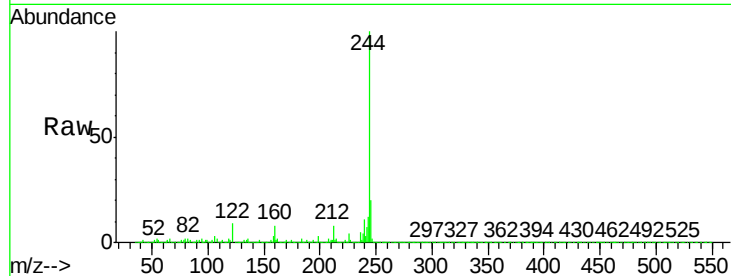
#79
 Terphenyl-d14
 Concen: 117.338 ng
 RT: 19.59 min Scan# 2839
 Delta R.T. 0.00 min
 Lab File: BP002382.D
 Acq: 10 Jun 2020 19:25

Instrument :
 BNA_P
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2020

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.6	10.0
122	8.7	8.8	13.2

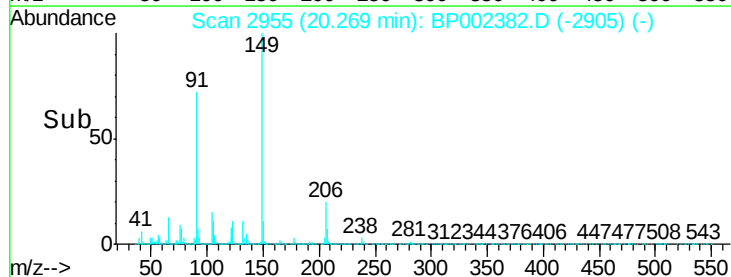
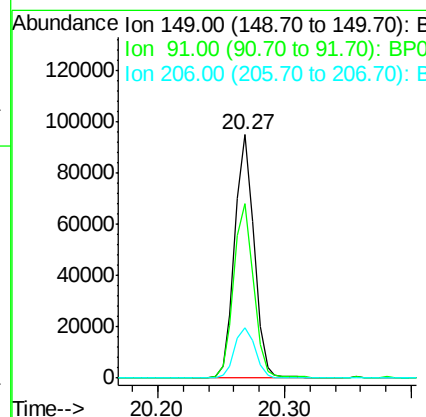
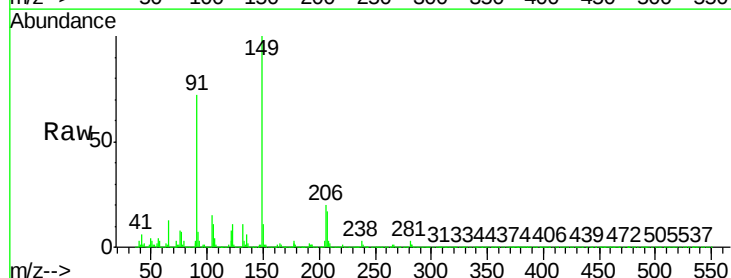
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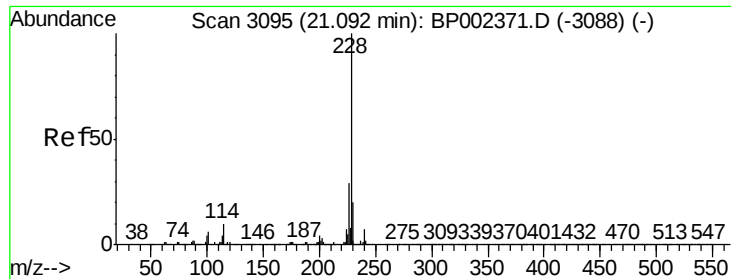
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#80
 Butylbenzylphthalate
 Concen: 3.677 ng
 RT: 20.27 min Scan# 2955
 Delta R.T. -0.01 min
 Lab File: BP002382.D
 Acq: 10 Jun 2020 19:25

Tgt Ion	Ratio	Lower	Upper
149	100		
91	71.5	61.2	91.8
206	20.5	17.8	26.6





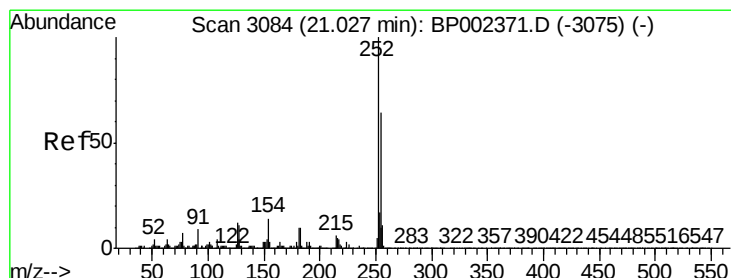
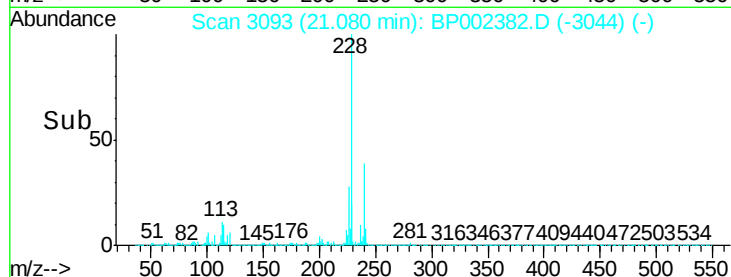
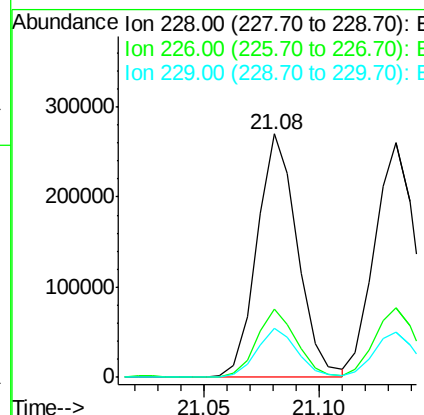
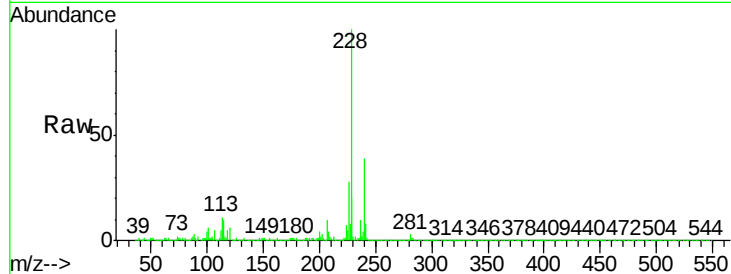
#81
Benzo(a)anthracene
Concen: 5.774 ng
RT: 21.08 min Scan# 3093
Delta R.T. -0.01 min
Lab File: BP002382.D
Acq: 10 Jun 2020 19:25

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2020

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.8	34.2
229	20.0	16.2	24.2

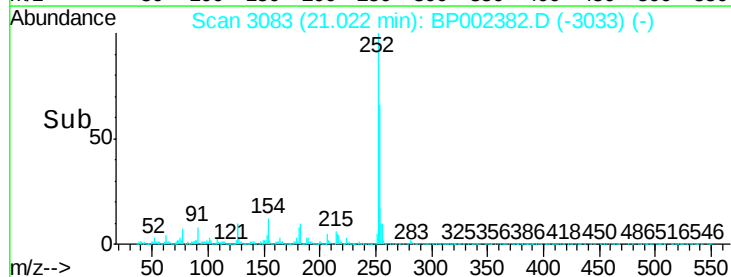
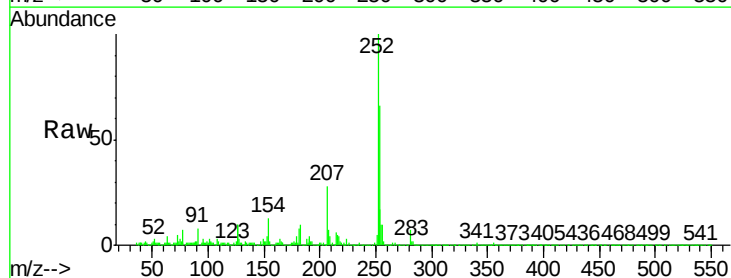
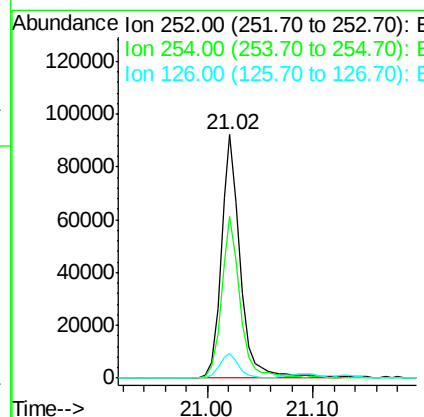
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#82
3,3'-Dichlorobenzidine
Concen: 5.460 ng
RT: 21.02 min Scan# 3083
Delta R.T. -0.01 min
Lab File: BP002382.D
Acq: 10 Jun 2020 19:25

Tgt Ion	Ratio	Lower	Upper
252	100		
254	66.2	51.4	77.2
126	9.9	9.2	13.8





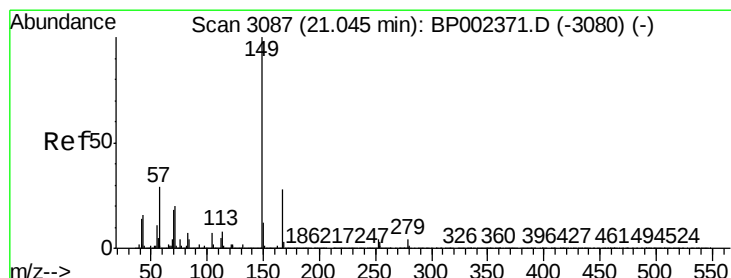
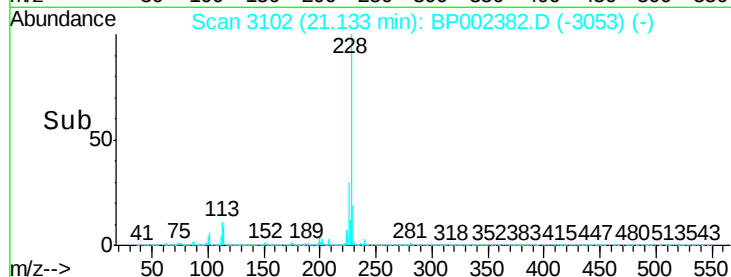
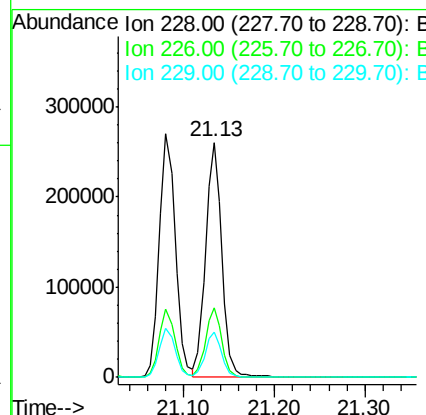
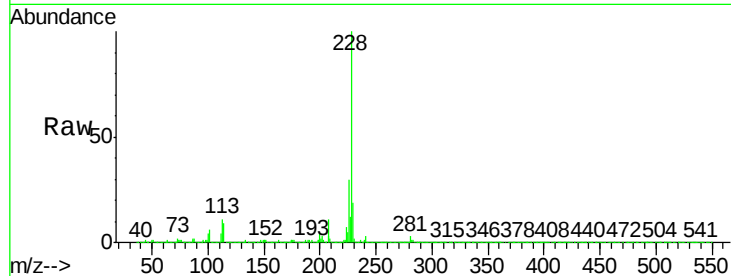
#83
Chrysene
Concen: 6.065 ng
RT: 21.13 min Scan# 3102
Delta R.T. -0.01 min
Lab File: BP002382.D
Acq: 10 Jun 2020 19:25

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2020

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.7	25.2	37.8
229	19.3	16.1	24.1

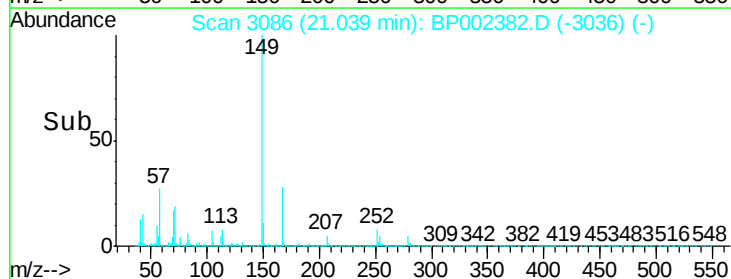
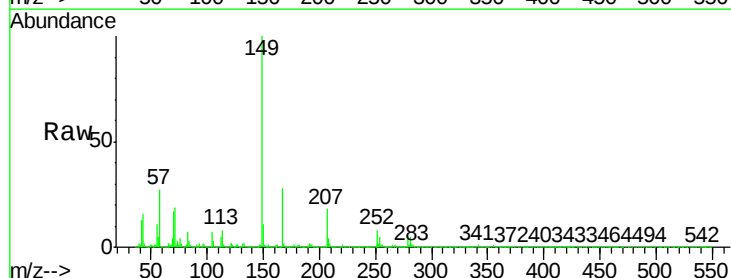
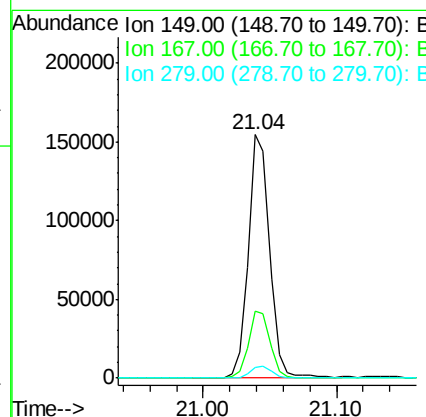
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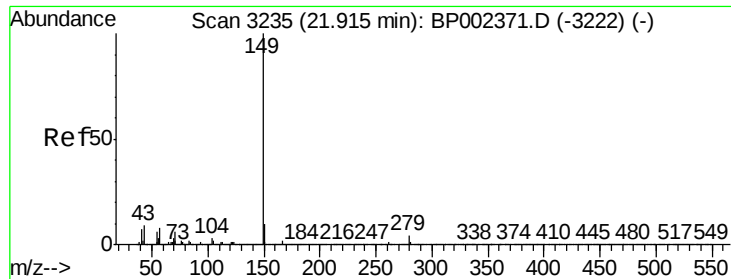
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#84
Bis(2-ethylhexyl)phthalate
Concen: 4.213 ng
RT: 21.04 min Scan# 3086
Delta R.T. -0.01 min
Lab File: BP002382.D
Acq: 10 Jun 2020 19:25

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.6	22.3	33.5
279	4.5	3.2	4.8





#85

Di-n-octyl phthalate

Concen: 3.965 ng

RT: 21.90 min Scan# 3233

Delta R.T. -0.01 min

Lab File: BP002382.D

Acq: 10 Jun 2020 19:25

Instrument :

BNA_P

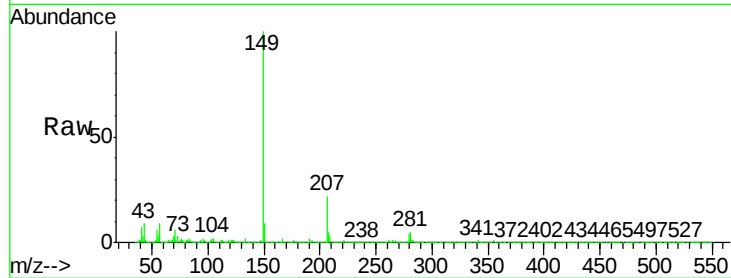
ClientSampleId :

LOD-MDL-SOIL-01-QT1-2020

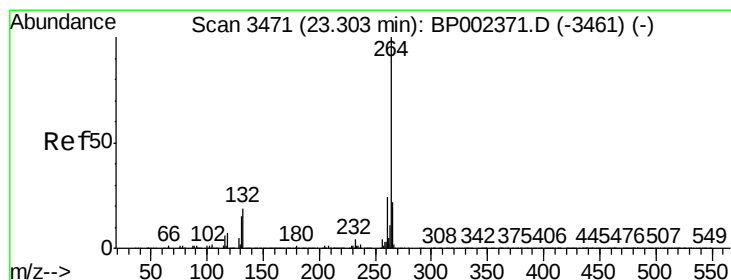
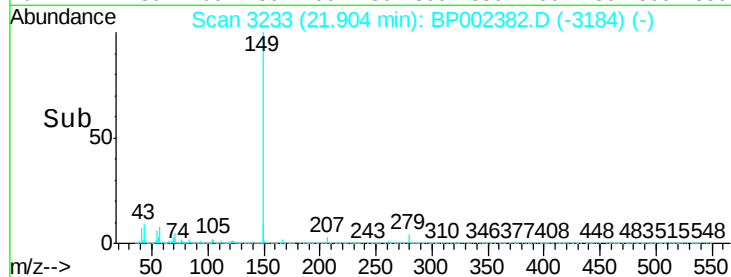
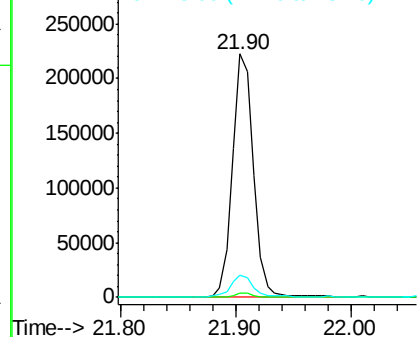
Tot Ion:	149	Resp:	275768
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.3	1.9
43	9.3	7.8	11.6

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BPC



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.29 min Scan# 3469

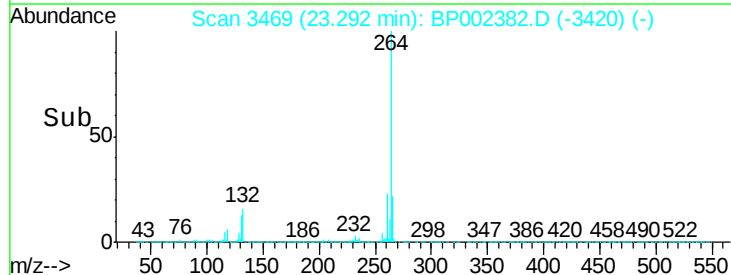
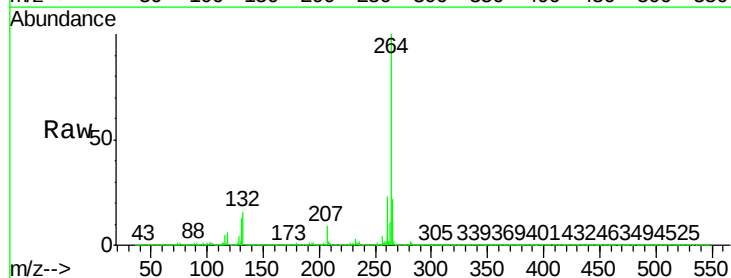
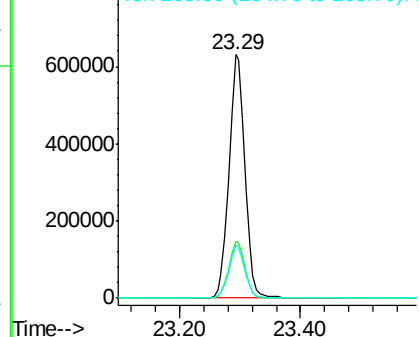
Delta R.T. -0.01 min

Lab File: BP002382.D

Acq: 10 Jun 2020 19:25

Tgt Ion:	264	Resp:	1158071
Ion Ratio	Lower	Upper	
264	100		
260	23.3	19.4	29.0
265	21.9	17.4	26.2

Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





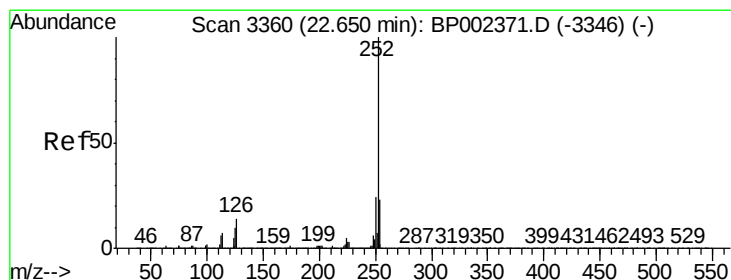
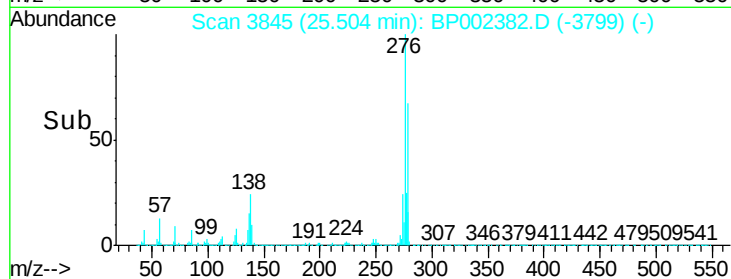
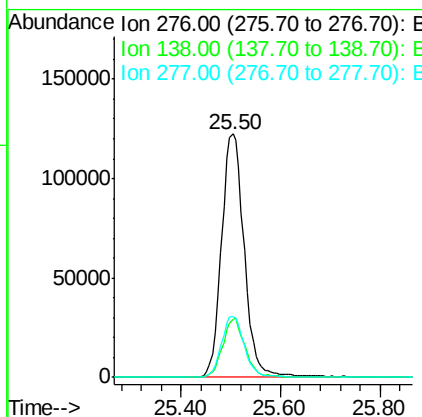
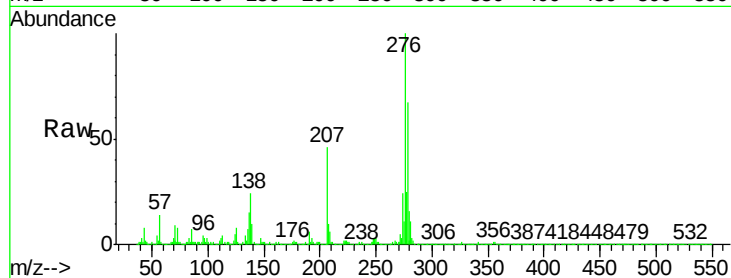
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 5.363 ng
 RT: 25.50 min Scan# 3845
 Delta R.T. -0.03 min
 Lab File: BP002382.D
 Acq: 10 Jun 2020 19:25

Instrument :
 BNA_P
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2020

Tot Ion	Ratio	Lower	Upper
276	100		
138	23.6	21.2	31.8
277	25.0	20.3	30.5

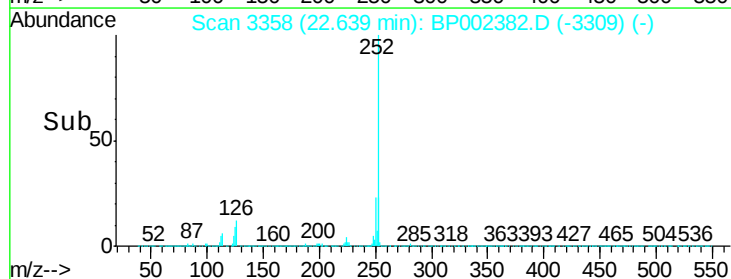
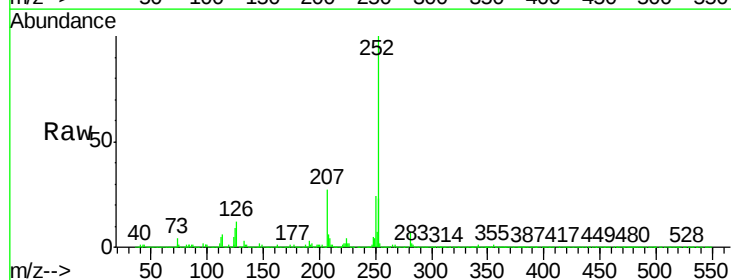
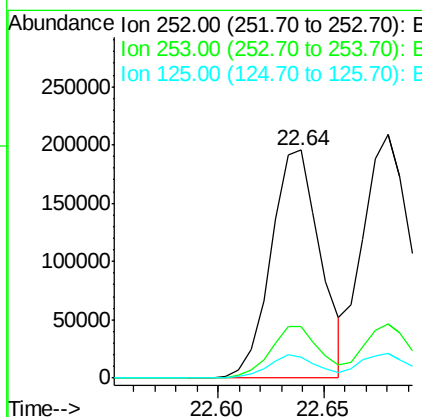
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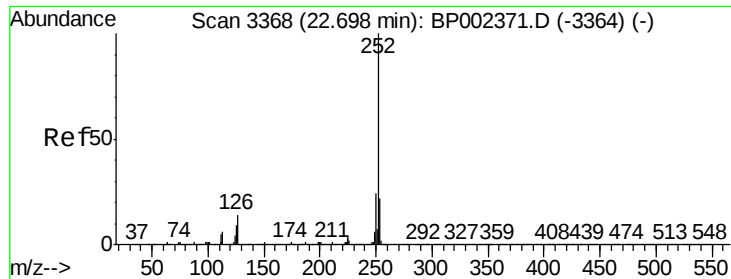
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#88
 Benzo(b)fluoranthene
 Concen: 5.071 ng
 RT: 22.64 min Scan# 3358
 Delta R.T. -0.01 min
 Lab File: BP002382.D
 Acq: 10 Jun 2020 19:25

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.1	27.1
125	9.1	8.2	12.2





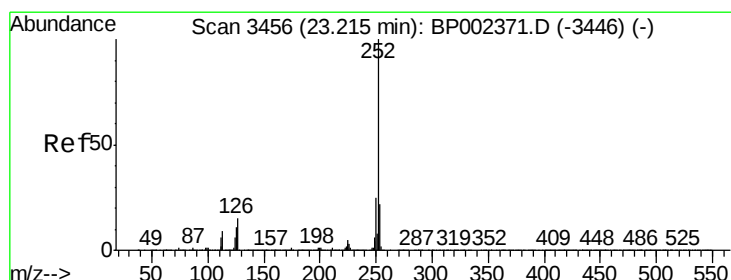
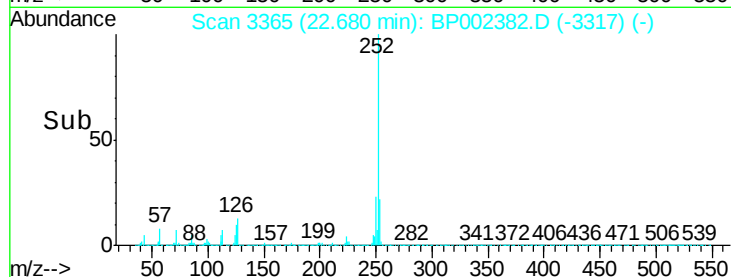
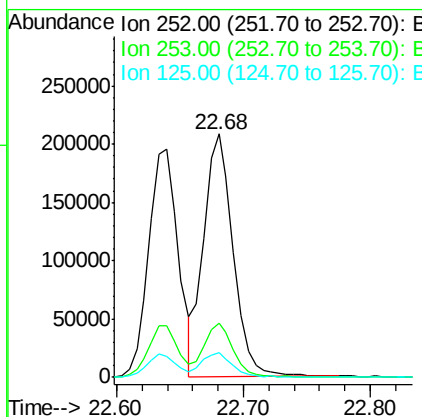
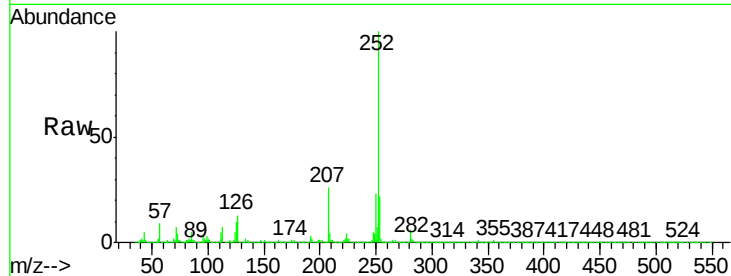
#89
Benzo(k)fluoranthene
Concen: 5.688 ng
RT: 22.68 min Scan# 3365
Delta R.T. -0.02 min
Lab File: BP002382.D
Acq: 10 Jun 2020 19:25

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2020

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.6
125	10.0	7.8	11.8

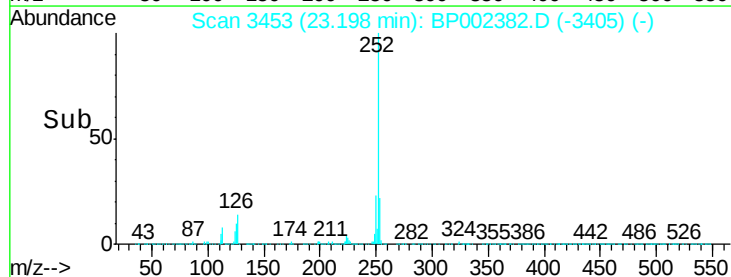
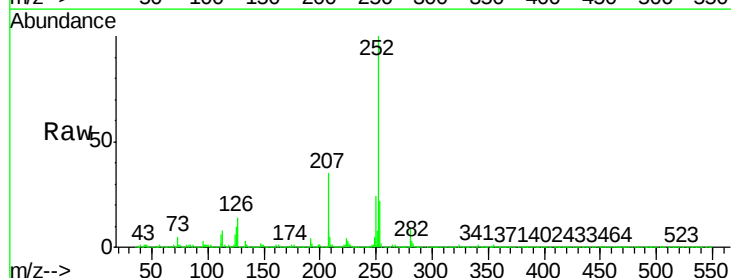
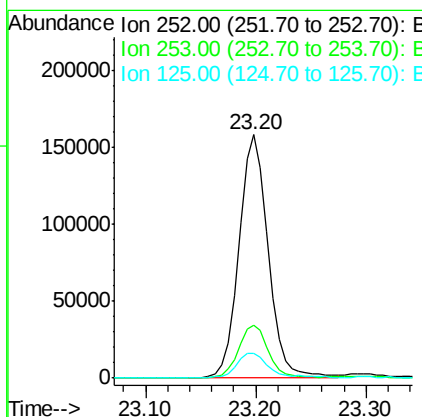
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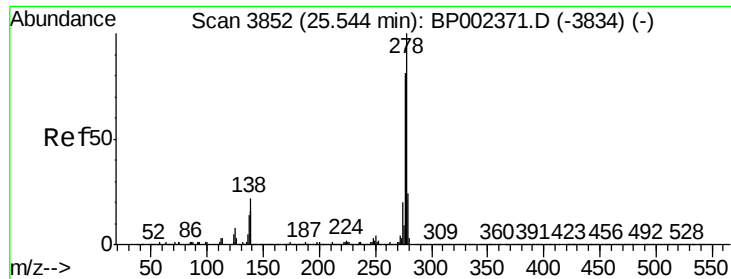
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#90
Benzo(a)pyrene
Concen: 5.009 ng
RT: 23.20 min Scan# 3453
Delta R.T. -0.02 min
Lab File: BP002382.D
Acq: 10 Jun 2020 19:25

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.8	26.8
125	10.2	9.2	13.8





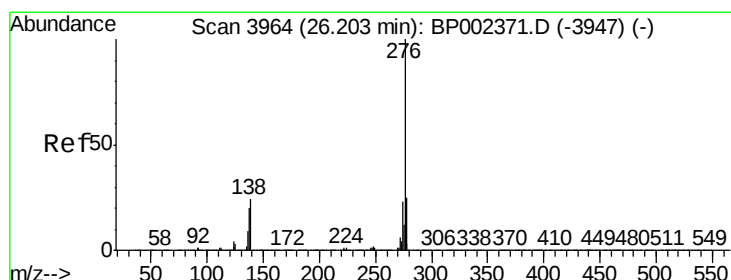
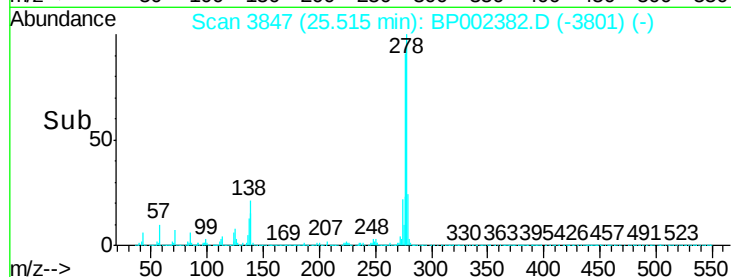
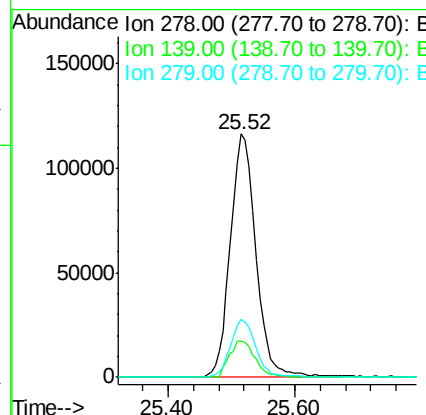
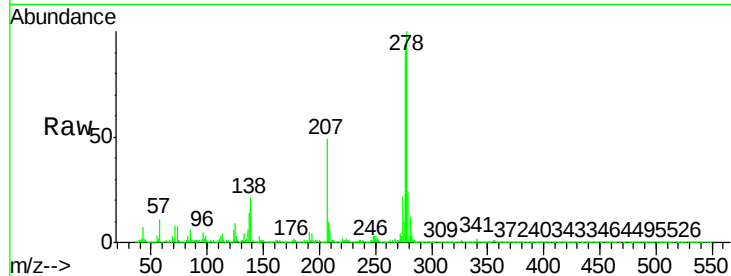
#91
Dibenzo(a,h)anthracene
Concen: 5.569 ng
RT: 25.52 min Scan# 3847
Delta R.T. -0.03 min
Lab File: BP002382.D
Acq: 10 Jun 2020 19:25

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2020

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.0	13.1	19.7
279	23.7	18.9	28.3

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#92
Benzo(g,h,i)perylene
Concen: 5.388 ng
RT: 26.17 min Scan# 3959
Delta R.T. -0.03 min
Lab File: BP002382.D
Acq: 10 Jun 2020 19:25

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.8	29.6
138	20.0	19.2	28.8

