

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP061020\
 Data File : BP002383.D
 Acq On : 10 Jun 2020 19:59
 Operator : CG/JU
 Sample : L1161-01
 Misc : LOD-MDL-S-8PPM
 ALS Vial : 6 Sample Multiplier: 1

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

Manual Integrations
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 6/11/2020 1:49:36 PM

Quant Time: Jun 11 05:04:13 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	170864	20.00	ng	0.00
21) Naphthalene-d8	10.36	136	653469	20.00	ng	0.00
39) Acenaphthene-d10	14.23	164	427892	20.00	ng	0.00
64) Phenanthrene-d10	16.99	188	963269	20.00	ng	0.00
76) Chrysene-d12	21.10	240	968256	20.00	ng	-0.01
86) Perylene-d12	23.30	264	1115167	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.21	112	1478644	160.13	ng	0.00
7) Phenol-d6	6.78	99	1995231	162.30	ng	0.00
23) Nitrobenzene-d5	8.73	82	1322118	120.83	ng	0.00
42) 2,4,6-Tribromophenol	15.74	330	986207	240.73	ng	0.00
45) 2-Fluorobiphenyl	12.86	172	3009188	118.25	ng	0.00
79) Terphenyl-d14	19.59	244	4492834	121.58	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.16	88	35043	8.239	ng	99
3) Pyridine	3.55	79	79775	6.901	ng	96
4) n-Nitrosodimethylamine	3.46	42	34937	7.333	ng	# 96
6) Aniline	6.92	93	132920	7.950	ng	97
8) 2-Chlorophenol	7.16	128	84364	8.126	ng	98
9) Benzaldehyde	6.73	77	78045	12.425	ng	96
10) Phenol	6.80	94	106330	7.975	ng	98
11) bis(2-Chloroethyl)ether	7.03	93	87338	7.845	ng	97
12) 1,3-Dichlorobenzene	7.48	146	98396	8.230	ng	99
13) 1,4-Dichlorobenzene	7.63	146	99690	8.288	ng	99
14) 1,2-Dichlorobenzene	7.94	146	95908	8.324	ng	96
15) Benzyl Alcohol	7.83	79	66661	6.996	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.12	45	114614	7.256	ng	99
17) 2-Methylphenol	8.04	107	68859	7.067	ng	97
18) Hexachloroethane	8.66	117	34957	7.977	ng	96
19) n-Nitroso-di-n-propylamine	8.39	70	65699	7.995	ng	98
20) 3+4-Methylphenols	8.36	107	92650	7.046	ng	97
22) Acetophenone	8.40	105	136352	9.288	ng	99
24) Nitrobenzene	8.78	77	103160	8.770	ng	96
25) Isophorone	9.30	82	184422	8.275	ng	98
26) 2-Nitrophenol	9.49	139	41458	7.910	ng	98
27) 2,4-Dimethylphenol	9.56	122	65372	7.950	ng	94
28) bis(2-Chloroethoxy)methane	9.79	93	117724	8.868	ng	99
29) 2,4-Dichlorophenol	10.02	162	77792	8.404	ng	98
30) 1,2,4-Trichlorobenzene	10.23	180	95944	9.299	ng	97
31) Naphthalene	10.41	128	277771	9.150	ng	99
32) Benzoic acid	9.64	122	12158m	1.943	ng	
33) 4-Chloroaniline	10.52	127	109751	8.281	ng	98
34) Hexachlorobutadiene	10.72	225	57128	9.488	ng	94
35) Caprolactam	11.26	113	26499	8.117	ng	98
36) 4-Chloro-3-methylphenol	11.66	107	80676	8.055	ng	97
37) 2-Methylnaphthalene	12.03	142	203832	9.459	ng	99
38) 1-Methylnaphthalene	12.26	142	192431	9.515	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.42	216	114804	10.178	ng	98

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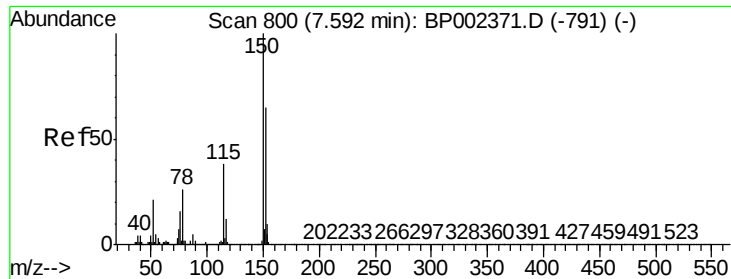
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.40	237	47070	7.849	ng	99
43) 2,4,6-Trichlorophenol	12.66	196	65359	8.188	ng	99
44) 2,4,5-Trichlorophenol	12.73	196	68491	7.410	ng	96
46) 1,1'-Biphenyl	13.06	154	272635	9.722	ng	99
47) 2-Chloronaphthalene	13.10	162	202639	8.834	ng	96
48) 2-Nitroaniline	13.30	65	46895	6.404	ng	98
49) Acenaphthylene	13.95	152	321249	8.774	ng	99
50) Dimethylphthalate	13.70	163	257588	8.786	ng	100
51) 2,6-Dinitrotoluene	13.81	165	50169	7.879	ng	98
52) Acenaphthene	14.30	154	192110	8.957	ng	99
53) 3-Nitroaniline	14.14	138	47748	6.567	ng	98
54) 2,4-Dinitrophenol	14.35	184	15127	4.332	ng	99
55) Dibenzofuran	14.64	168	321915	9.322	ng	98
56) 4-Nitrophenol	14.46	139	34987	6.061	ng	94
57) 2,4-Dinitrotoluene	14.60	165	64019	7.387	ng	99
58) Fluorene	15.29	166	252372	9.292	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.87	232	63696	8.681	ng	95
60) Diethylphthalate	15.08	149	250125	8.514	ng	99
61) 4-Chlorophenyl-phenylether	15.30	204	135507	10.292	ng	92
62) 4-Nitroaniline	15.30	138	49760	7.123	ng	97
63) Azobenzene	15.59	77	239988	8.207	ng	97
65) 4,6-Dinitro-2-methylphenol	15.37	198	31056	6.110	ng	99
66) n-Nitrosodiphenylamine	15.51	169	224051	9.105	ng	99
67) 4-Bromophenyl-phenylether	16.19	248	84863	9.300	ng	96
68) Hexachlorobenzene	16.30	284	99852	10.312	ng	95
69) Atrazine	16.47	200	83317	10.379	ng	99
70) Pentachlorophenol	16.65	266	39547	6.826	ng	96
71) Phenanthrene	17.03	178	420095	9.323	ng	99
72) Anthracene	17.13	178	415310	9.278	ng	98
73) Carbazole	17.40	167	375715	8.532	ng	99
74) Di-n-butylphthalate	17.99	149	403419	7.741	ng	98
75) Fluoranthene	19.02	202	497219	9.244	ng	99
77) Benzidine	19.20	184	222001	10.261	ng	98
78) Pyrene	19.37	202	527996	8.902	ng	98
80) Butylbenzylphthalate	20.27	149	168988	6.410	ng	93
81) Benzo(a)anthracene	21.08	228	520446	9.417	ng	97
82) 3,3'-Dichlorobenzidine	21.02	252	195893	9.537	ng	99
83) Chrysene	21.13	228	499667	9.542	ng	98
84) Bis(2-ethylhexyl)phthalate	21.04	149	278050	7.250	ng	98
85) Di-n-octyl phthalate	21.91	149	453544	6.743	ng	99
87) Indeno(1,2,3-cd)pyrene	25.51	276	613258	8.792	ng	97
88) Benzo(b)fluoranthene	22.64	252	496956	8.264	ng	99
89) Benzo(k)fluoranthene	22.68	252	544073	9.522	ng	100
90) Benzo(a)pyrene	23.20	252	465940	8.268	ng	98
91) Dibenzo(a,h)anthracene	25.52	278	518194	9.262	ng	99
92) Benzo(g,h,i)perylene	26.17	276	517234	8.926	ng	95

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



#1

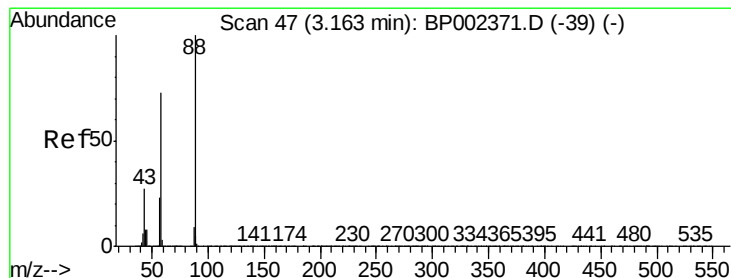
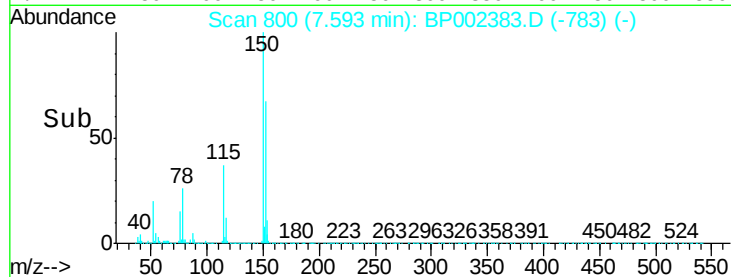
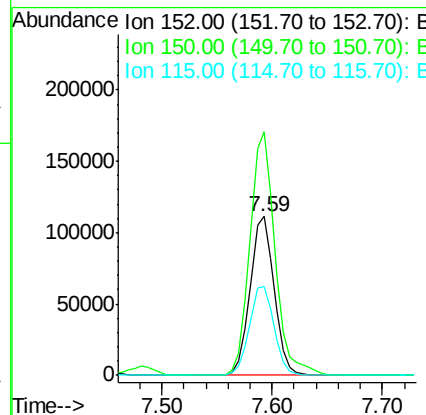
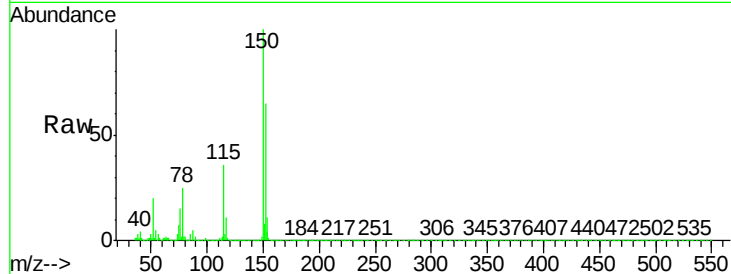
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.59 min Scan# 800
Delta R.T. 0.00 min
Lab File: BP002383.D
Acq: 10 Jun 2020 19:59

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.3	124.0	186.0
115	55.7	47.4	71.0

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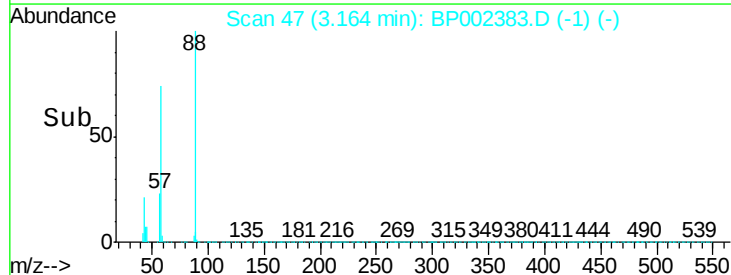
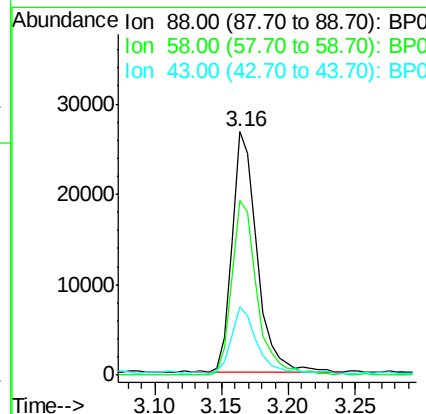
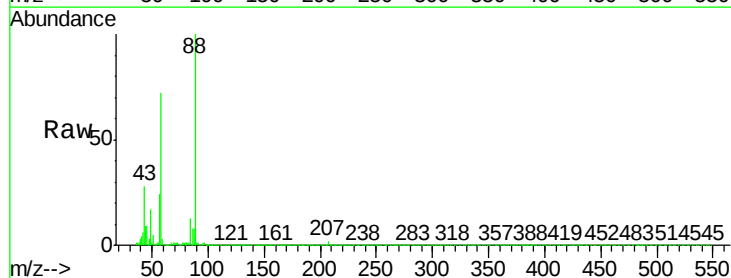
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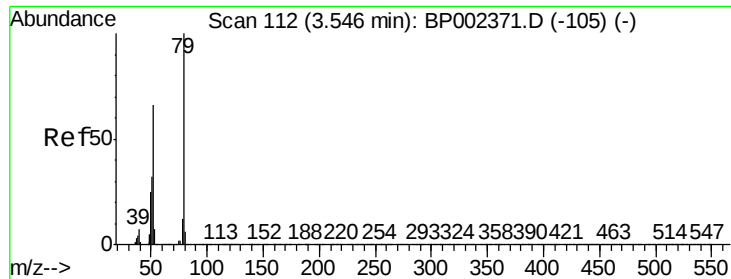


#2

1,4-Dioxane
Concen: 8.239 ng
RT: 3.16 min Scan# 47
Delta R.T. 0.00 min
Lab File: BP002383.D
Acq: 10 Jun 2020 19:59

Tgt Ion	Ratio	Lower	Upper
88	100		
58	73.6	58.2	87.4
43	26.9	21.8	32.8





#3

Pvridine

Concen: 6.901 ng

RT: 3.55 min Scan# 113

Delta R.T. 0.01 min

Lab File: BP002383.D

Acq: 10 Jun 2020 19:59

Instrument :

BNA_P

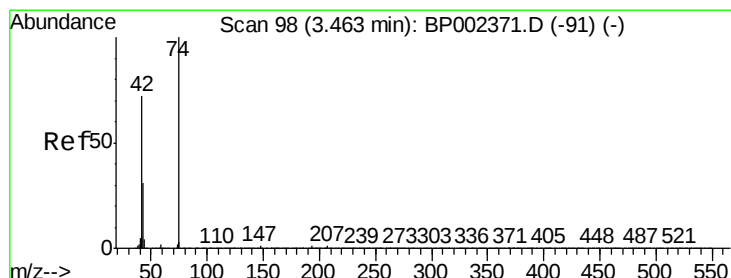
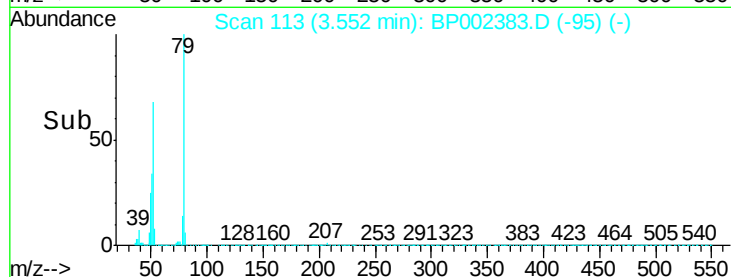
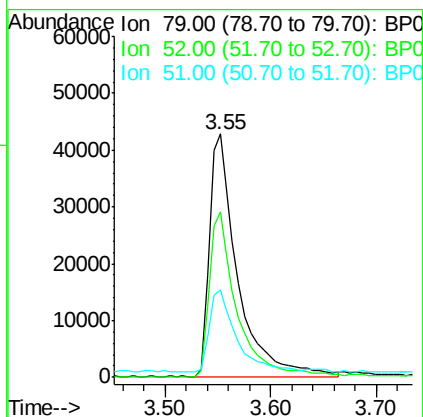
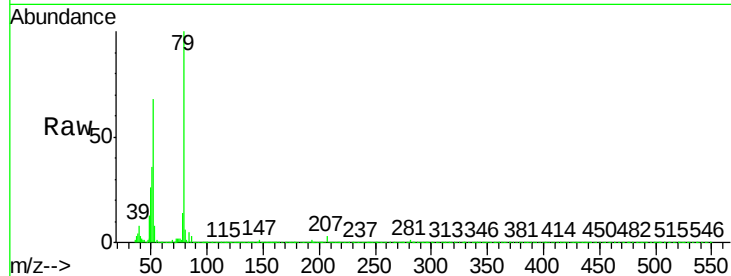
ClientSampleId :

LOD-MDL-SOIL-01-QT1-2020

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	79	100			
52	52	68.1		52.5	78.7
51	51	36.0		26.1	39.1

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#4

n-Nitrosodimethylamine

Concen: 7.333 ng

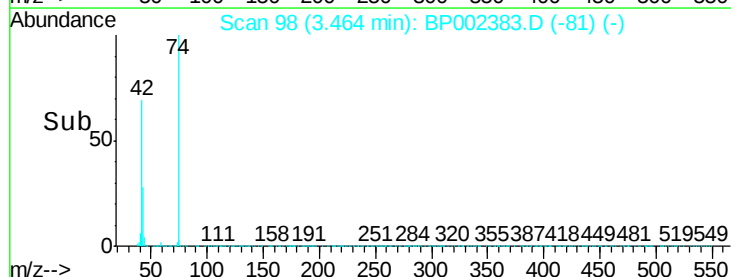
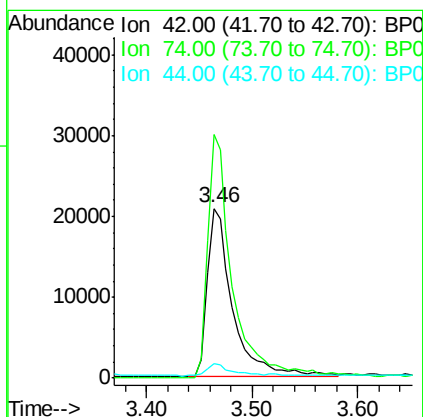
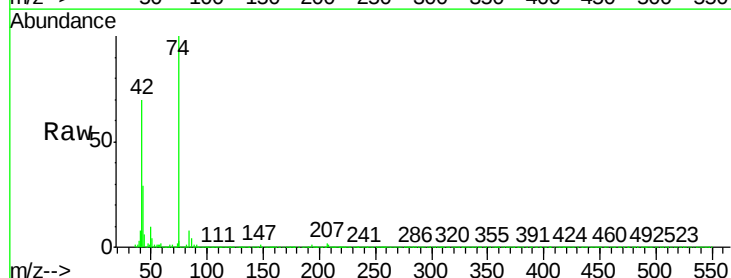
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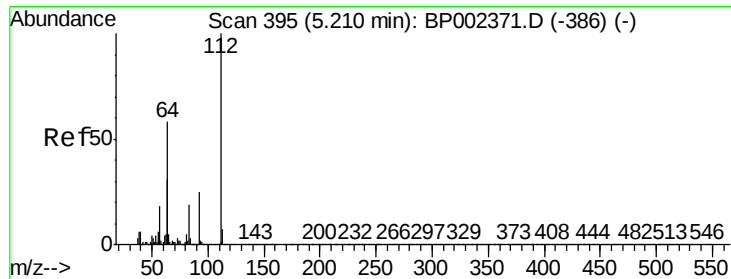
Delta R.T. 0.00 min

Lab File: BP002383.D

Acq: 10 Jun 2020 19:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	42	100			
74	74	143.6		111.1	166.7
44	44	8.3		5.4	8.0





#5

2-Fluorophenol

Concen: 160.133 ng

RT: 5.21 min Scan# 395

Delta R.T. 0.00 min

Lab File: BP002383.D

Acq: 10 Jun 2020 19:59

Instrument :

BNA_P

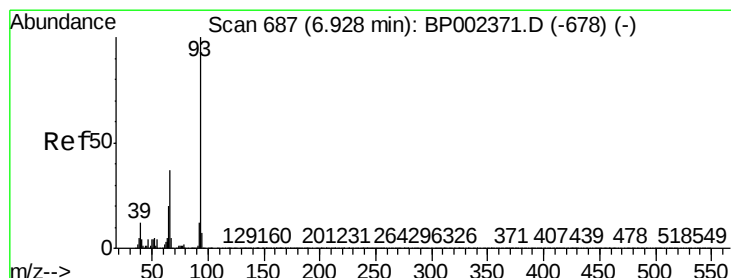
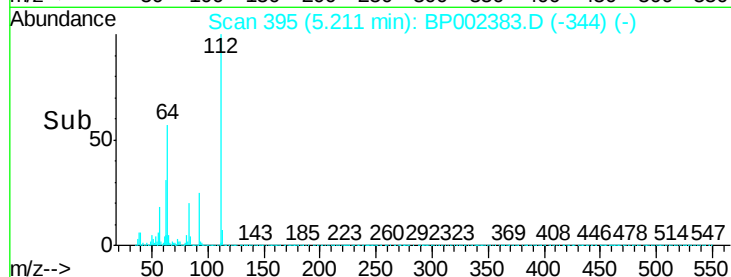
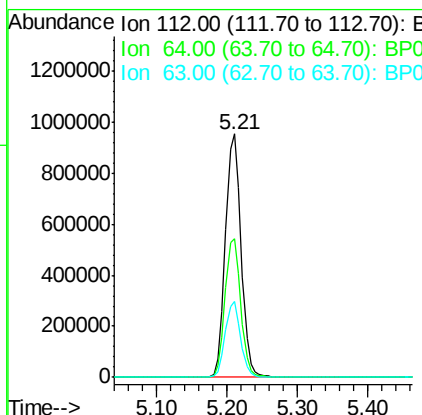
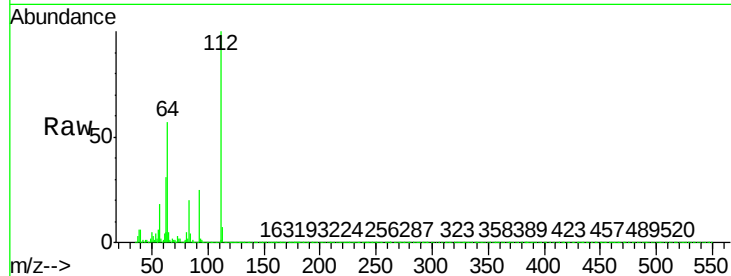
ClientSampleId :

LOD-MDL-SOIL-01-QT1-2020

Tot Ion:	112	Resp:	1478644
Ion	Ratio	Lower	Upper
112	100		
64	56.8	46.2	69.2
63	31.3	24.5	36.7

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#6

Aniline

Concen: 7.950 ng

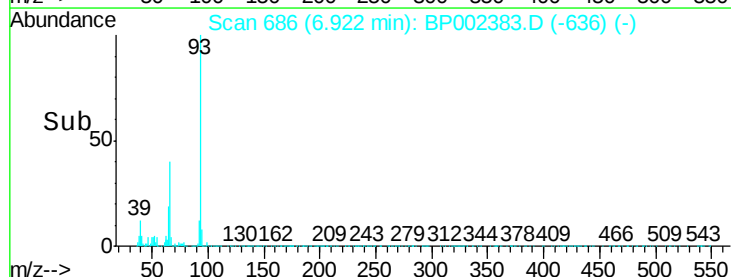
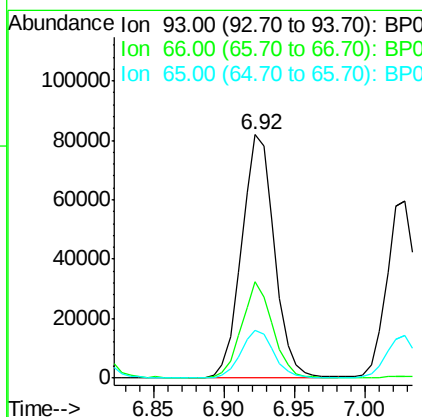
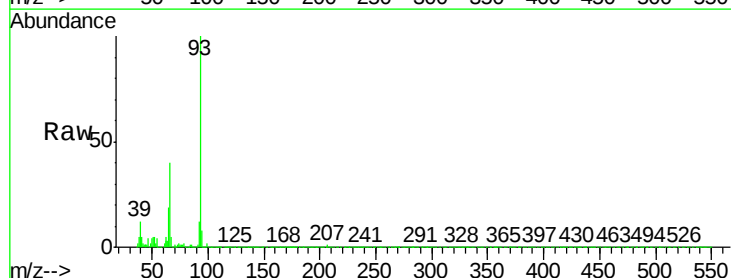
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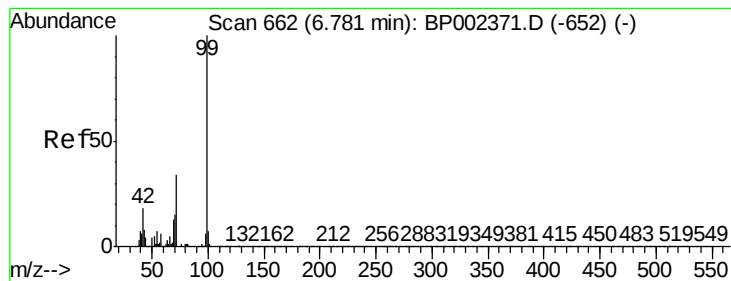
Delta R.T. -0.01 min

Lab File: BP002383.D

Acq: 10 Jun 2020 19:59

Tgt Ion:	93	Resp:	132920
Ion	Ratio	Lower	Upper
93	100		
66	39.8	29.8	44.6
65	19.4	15.7	23.5





#7

Phenol-d6

Concen: 162.295 ng

RT: 6.78 min Scan# 662

Delta R.T. 0.00 min

Lab File: BP002383.D

Acq: 10 Jun 2020 19:59

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2020

Tot Ion: 99 Resp: 1995231

Ion Ratio Lower Upper

99 100

42 17.6 14.6 22.0

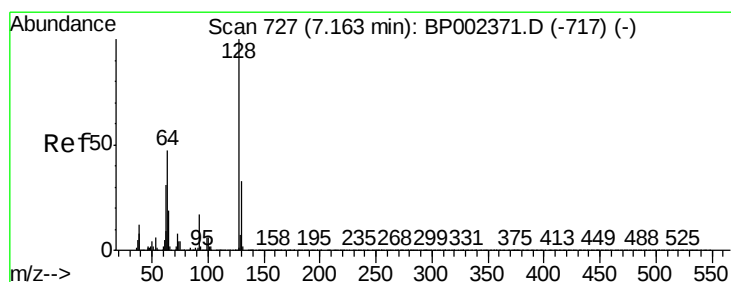
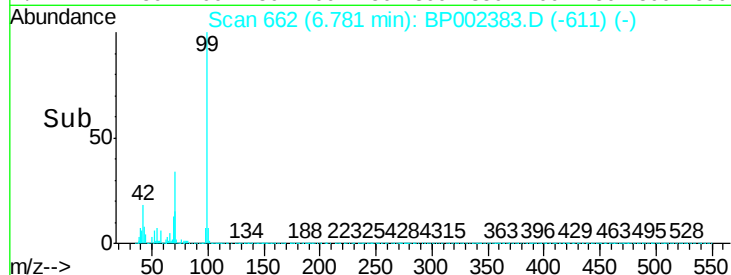
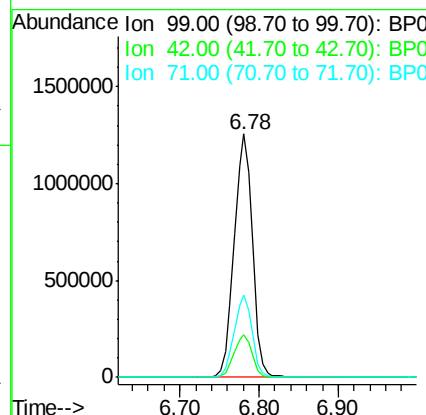
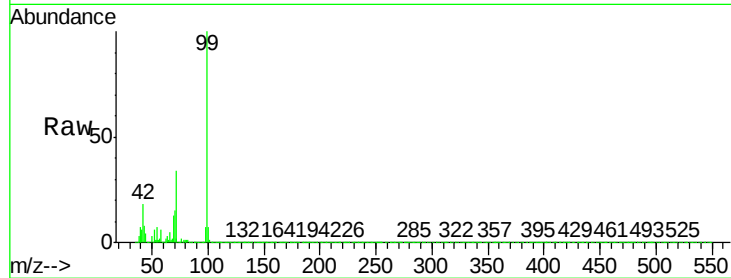
71 34.0 27.2 40.8

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#8

2-Chlorophenol

Concen: 8.126 ng

RT: 7.16 min Scan# 727

Delta R.T. 0.00 min

Lab File: BP002383.D

Acq: 10 Jun 2020 19:59

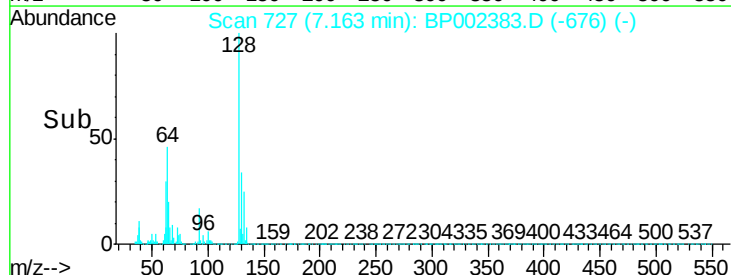
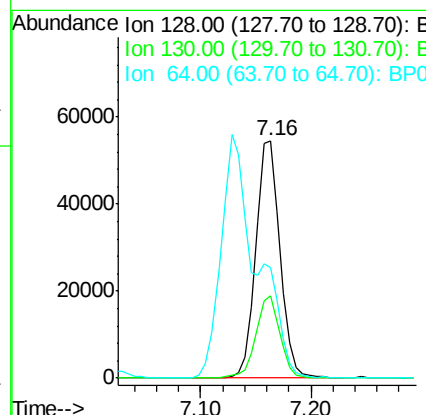
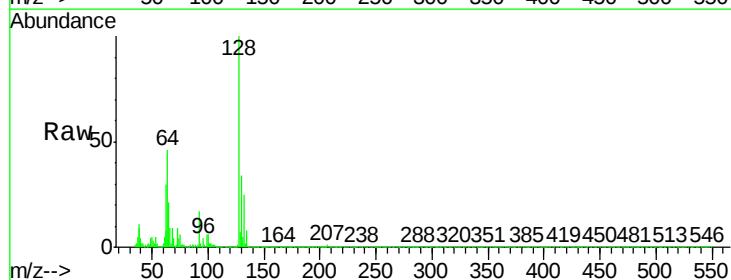
Tgt Ion: 128 Resp: 84364

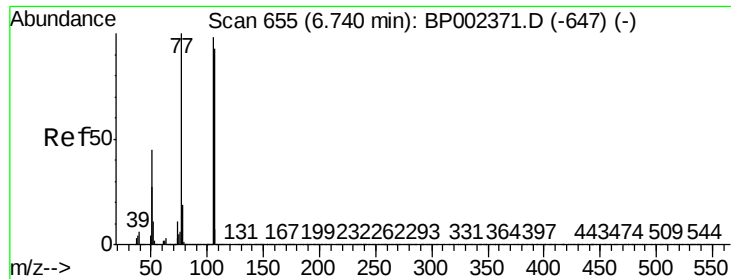
Ion Ratio Lower Upper

128 100

130 34.4 12.5 52.5

64 46.5 27.7 67.7





#9

Benzaldehyde

Concen: 12.425 ng

RT: 6.73 min Scan# 654

Delta R.T. -0.00 min

Lab File: BP002383.D

Acq: 10 Jun 2020 19:59

Instrument :

BNA_P

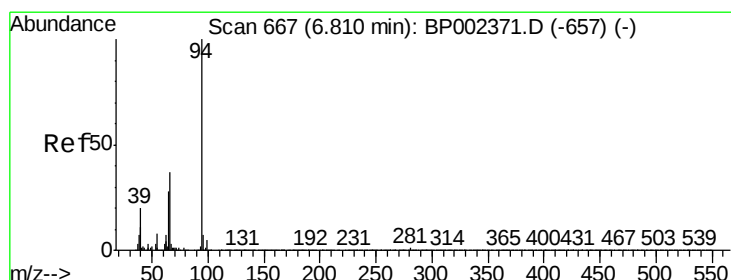
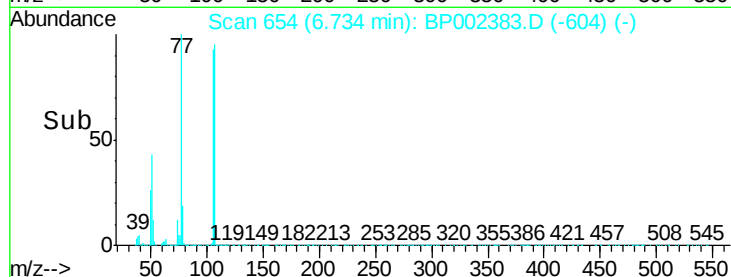
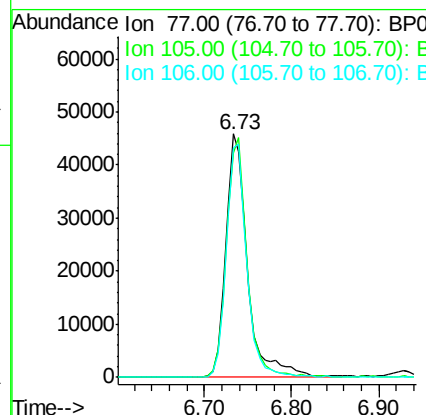
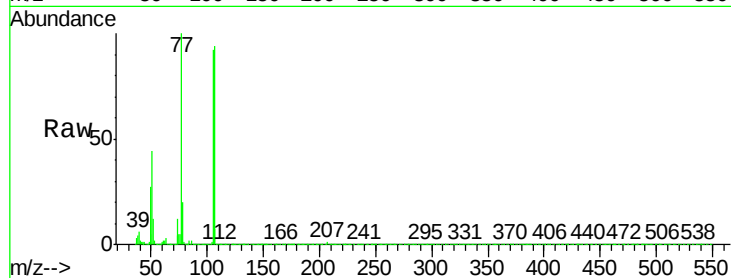
ClientSampleId :

LOD-MDL-SOIL-01-QT1-2020

Tot Ion:	77	Resp:	78045
Ion Ratio	Lower	Upper	
77	100		
105	92.3	78.1	118.1
106	94.3	73.2	113.2

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#10

Phenol

Concen: 7.975 ng

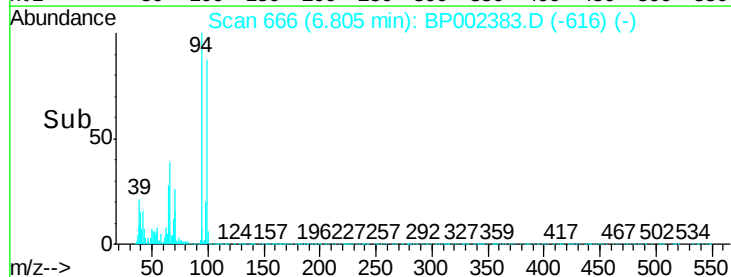
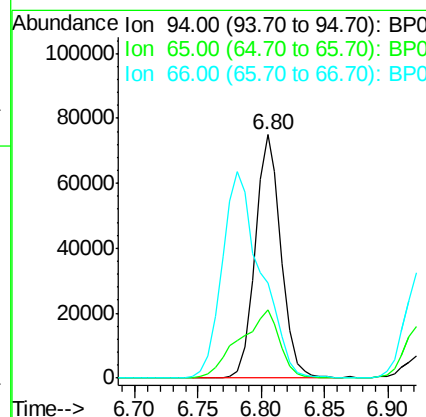
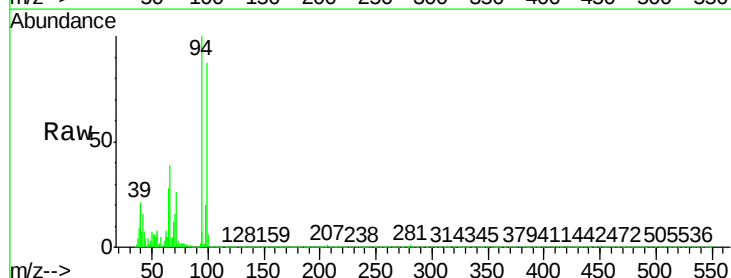
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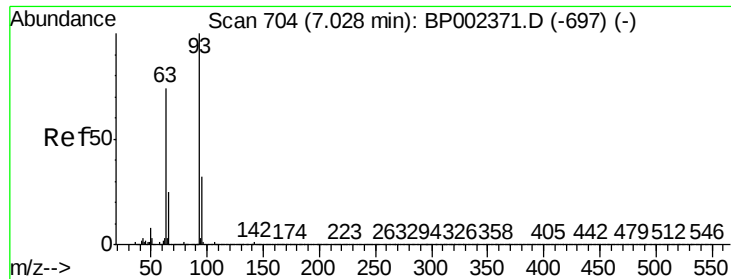
Delta R.T. -0.01 min

Lab File: BP002383.D

Acq: 10 Jun 2020 19:59

Tgt Ion:	94	Resp:	106330
Ion Ratio	Lower	Upper	
94	100		
65	27.9	7.7	47.7
66	39.0	16.9	56.9





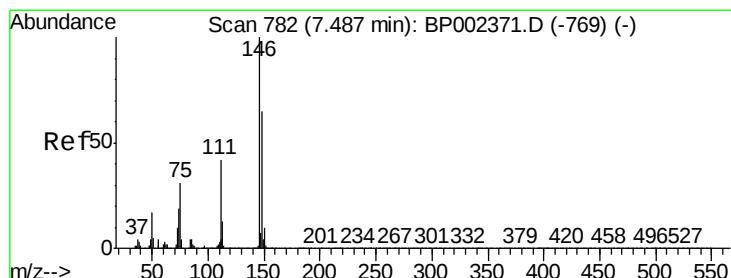
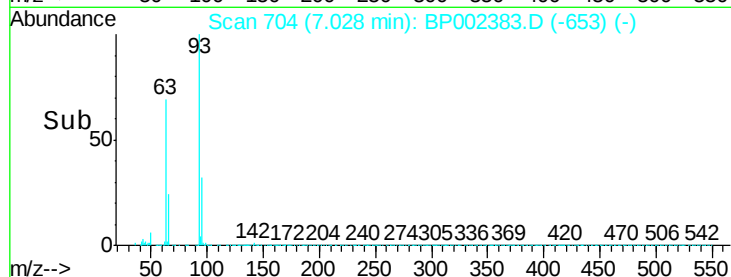
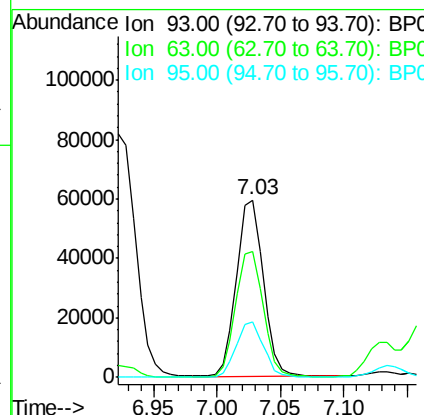
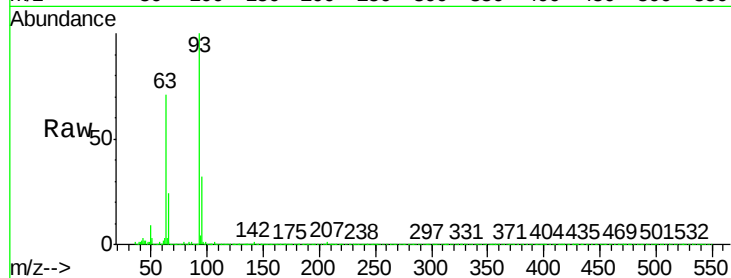
#11
bis(2-Chloroethyl)ether
Concen: 7.845 ng
RT: 7.03 min Scan# 704
Delta R.T. 0.00 min
Lab File: BP002383.D
Acq: 10 Jun 2020 19:59

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

Tot Ion	Ratio	Lower	Upper
93	100		
63	70.9	54.2	94.2
95	31.6	11.8	51.8

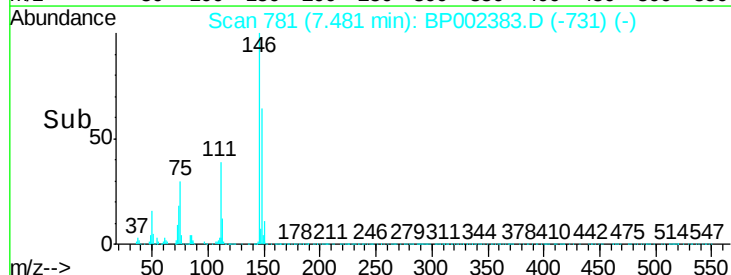
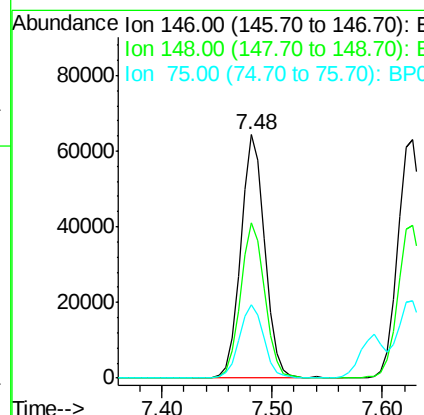
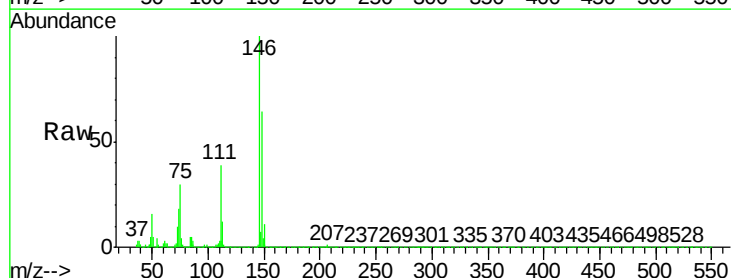
Manual Integrations
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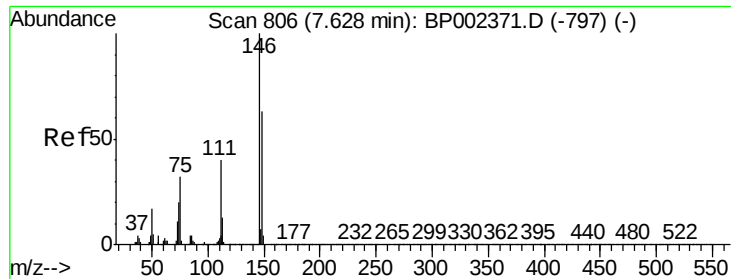
mohammad
6/11/2020 1:49:36 PM



#12
1,3-Dichlorobenzene
Concen: 8.230 ng
RT: 7.48 min Scan# 781
Delta R.T. -0.01 min
Lab File: BP002383.D
Acq: 10 Jun 2020 19:59

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.6	77.4
75	30.3	25.0	37.4





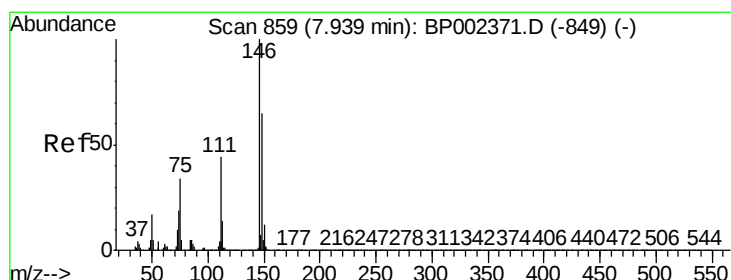
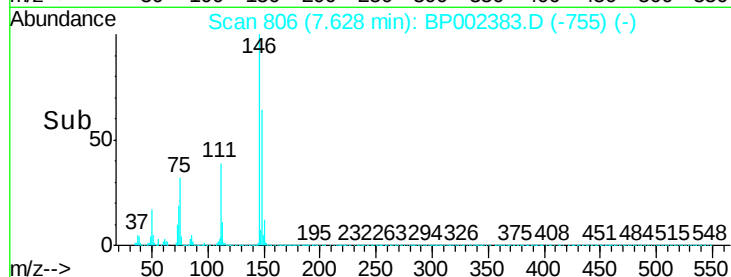
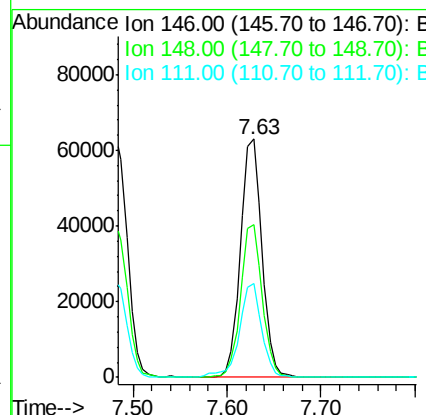
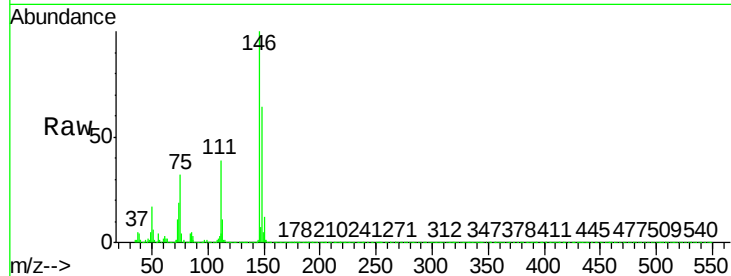
#13
1,4-Dichlorobenzene
Concen: 8.288 ng
RT: 7.63 min Scan# 806
Delta R.T. 0.00 min
Lab File: BP002383.D
Acq: 10 Jun 2020 19:59

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

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.2	50.7	76.1
111	39.1	32.2	48.2

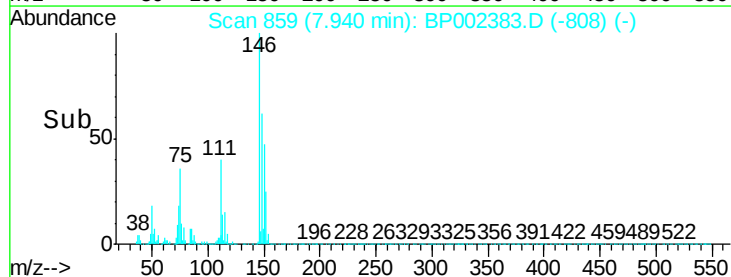
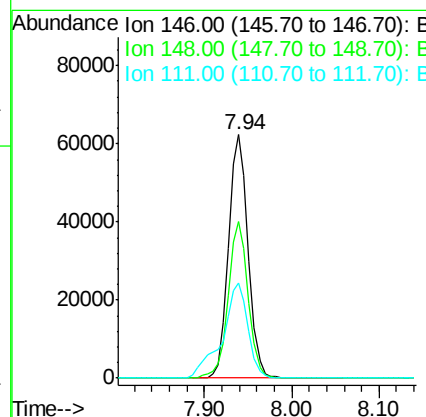
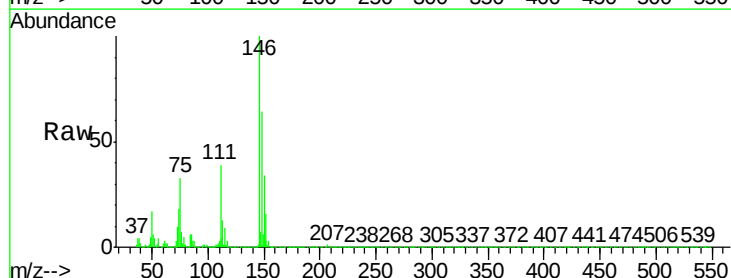
Manual Integrations
APPROVED

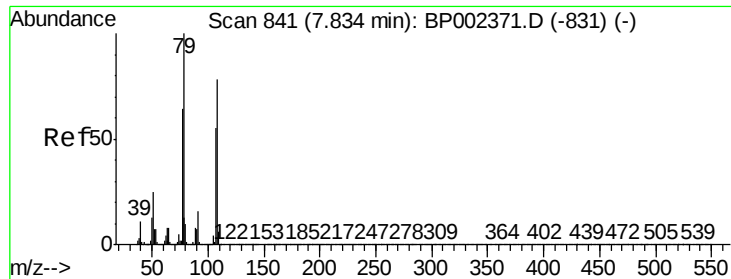
mohammad
6/11/2020 1:49:36 PM



#14
1,2-Dichlorobenzene
Concen: 8.324 ng
RT: 7.94 min Scan# 859
Delta R.T. 0.00 min
Lab File: BP002383.D
Acq: 10 Jun 2020 19:59

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.8	77.6
111	39.2	35.4	53.2





#15

Benzyl Alcohol

Concen: 6.996 ng

RT: 7.83 min Scan# 840

Delta R.T. -0.01 min

Lab File: BP002383.D

Acq: 10 Jun 2020 19:59

Instrument :

BNA_P

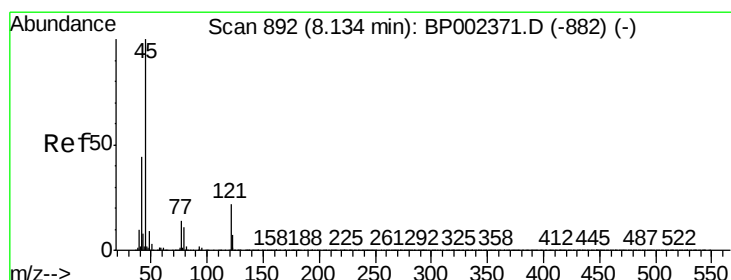
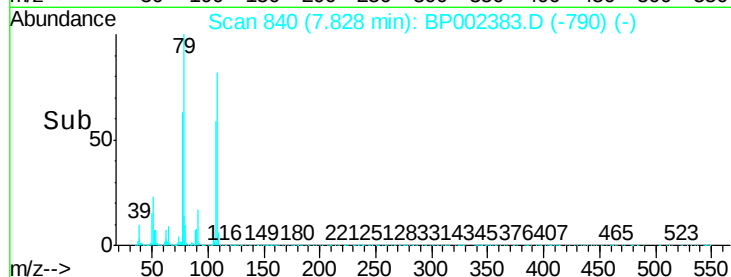
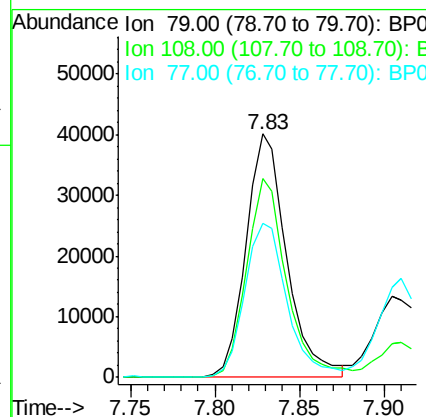
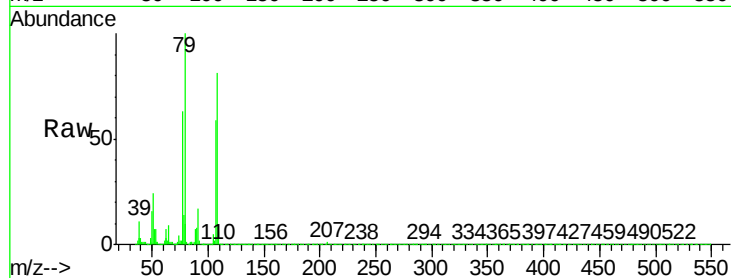
ClientSampleId :

LOD-MDL-SOIL-01-QT1-2020

Tot Ion:	79	Resp:	66661
Ion Ratio	Lower	Upper	
79	100		
108	81.5	62.6	94.0
77	63.1	51.5	77.3

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 7.256 ng

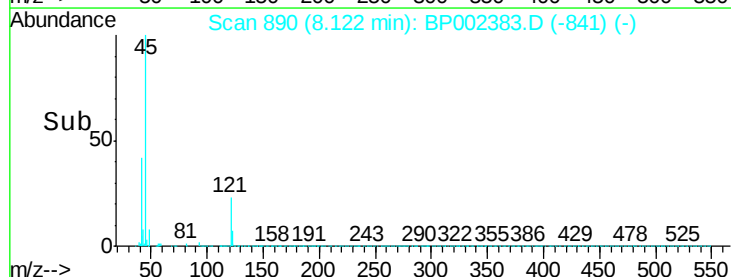
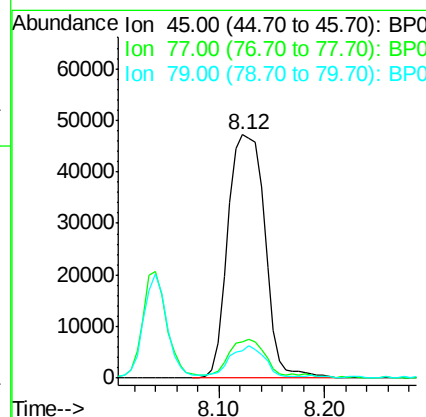
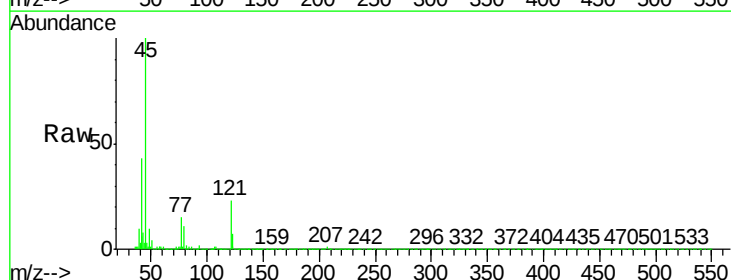
RT: 8.12 min Scan# 890

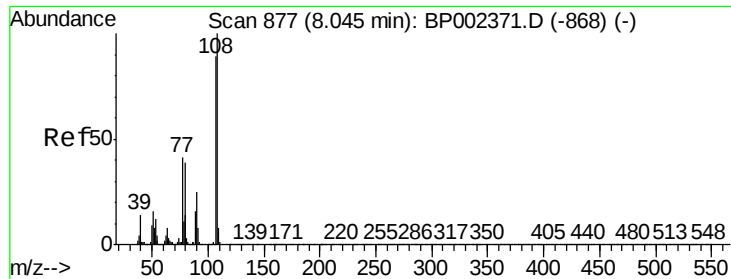
Delta R.T. -0.01 min

Lab File: BP002383.D

Acq: 10 Jun 2020 19:59

Tgt Ion:	45	Resp:	114614
Ion Ratio	Lower	Upper	
45	100		
77	14.9	0.0	35.0
79	11.2	0.0	32.0





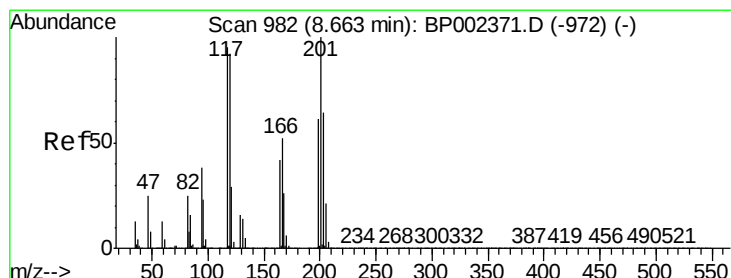
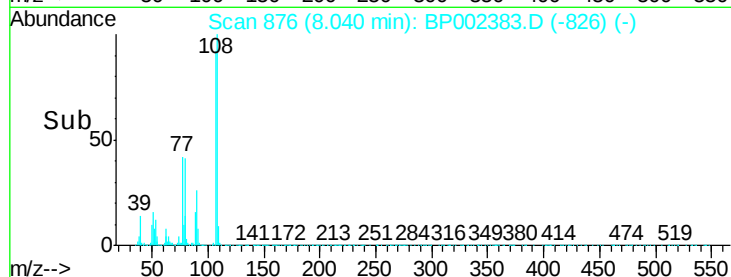
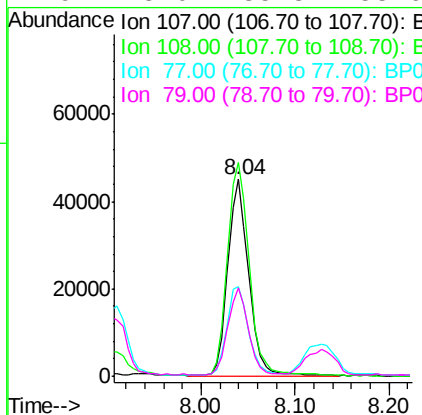
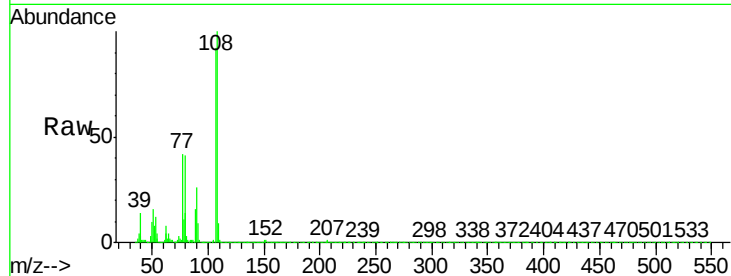
#17
2-Methylphenol
Concen: 7.067 ng
RT: 8.04 min Scan# 876
Delta R.T. -0.01 min
Lab File: BP002383.D
Acq: 10 Jun 2020 19:59

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

Tot Ion	Ratio	Lower	Upper
107	100		
108	108.6	90.3	135.5
77	45.8	37.1	55.7
79	45.0	35.8	53.6

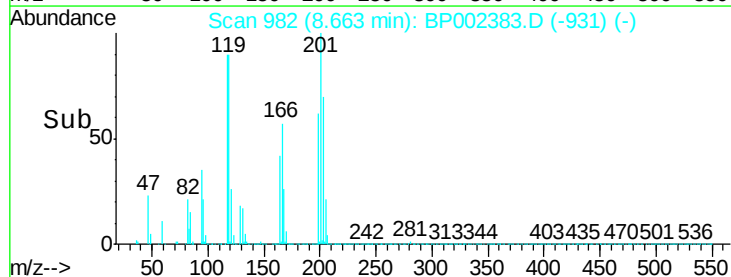
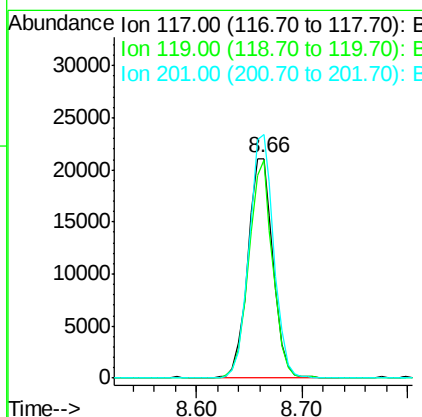
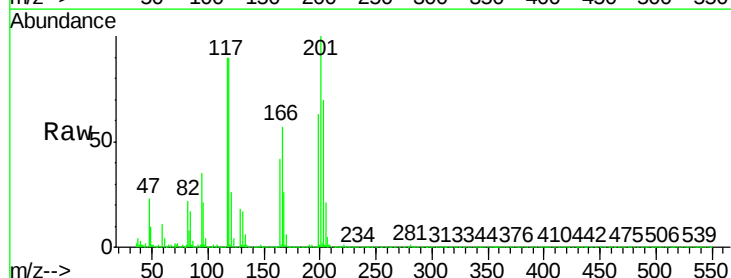
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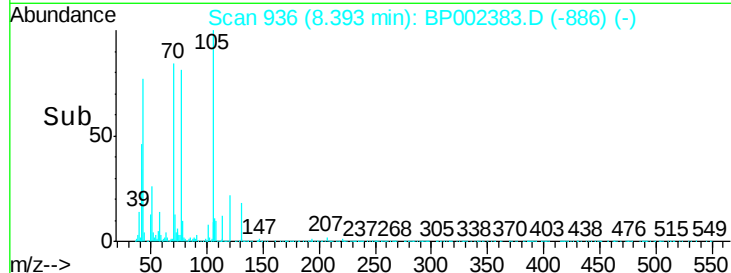
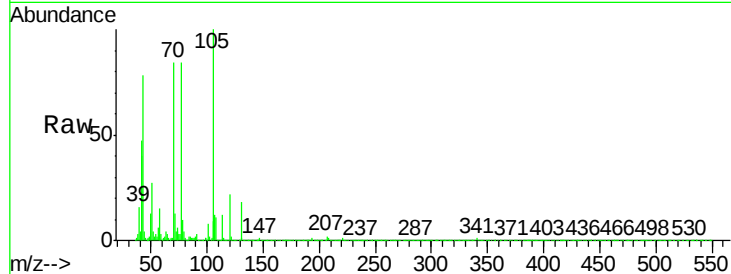
mohammad
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#18
Hexachloroethane
Concen: 7.977 ng
RT: 8.66 min Scan# 982
Delta R.T. 0.00 min
Lab File: BP002383.D
Acq: 10 Jun 2020 19:59

Tgt Ion	Ratio	Lower	Upper
117	100		
119	99.5	77.8	116.8
201	110.8	84.2	126.4





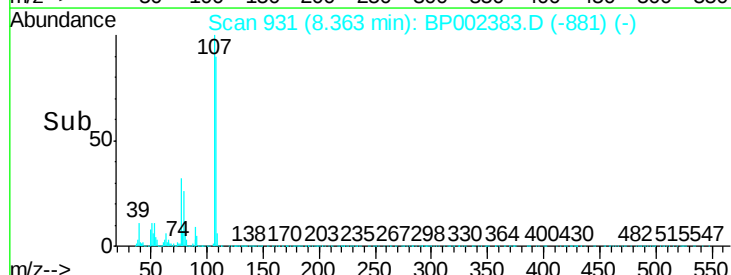
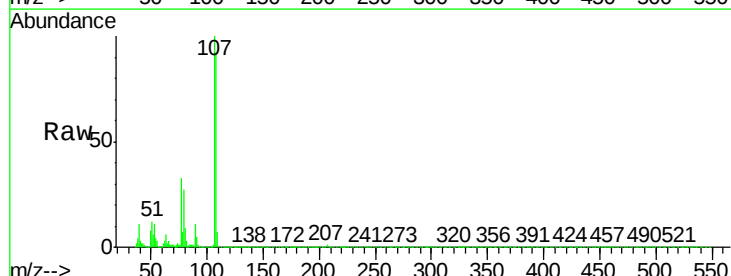
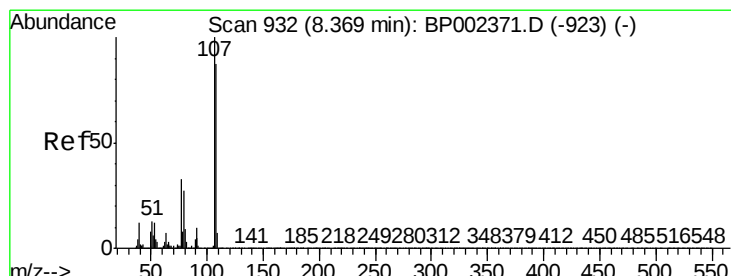
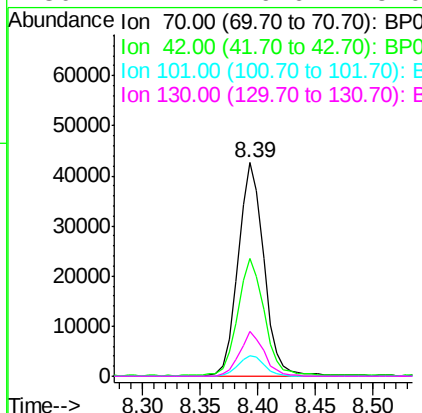
#19
n-Nitroso-di-n-propylamine
Concen: 7.995 ng
RT: 8.39 min Scan# 936
Delta R.T. -0.01 min
Lab File: BP002383.D
Acq: 10 Jun 2020 19:59

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

Tot Ion	Ratio	Lower	Upper
70	100		
42	55.2	45.7	68.5
101	9.4	7.5	11.3
130	21.1	16.6	25.0

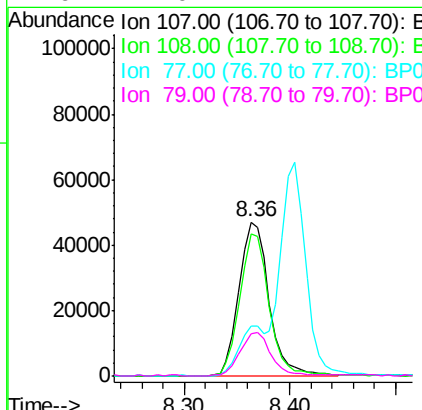
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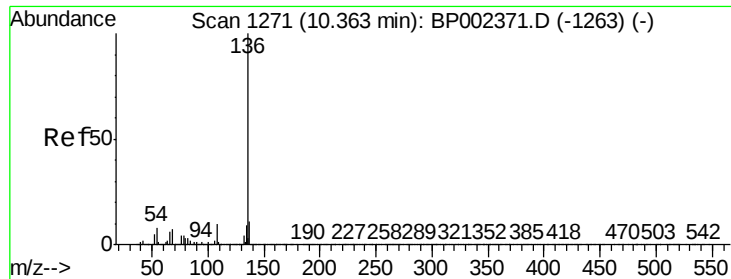
mohammad
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#20
3+4-Methylphenols
Concen: 7.046 ng
RT: 8.36 min Scan# 931
Delta R.T. -0.01 min
Lab File: BP002383.D
Acq: 10 Jun 2020 19:59

Tgt Ion	Ratio	Lower	Upper
107	100		
108	92.2	67.5	107.5
77	32.6	13.5	53.5
79	27.0	7.4	47.4





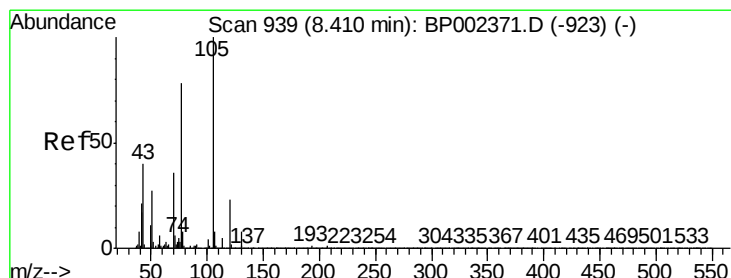
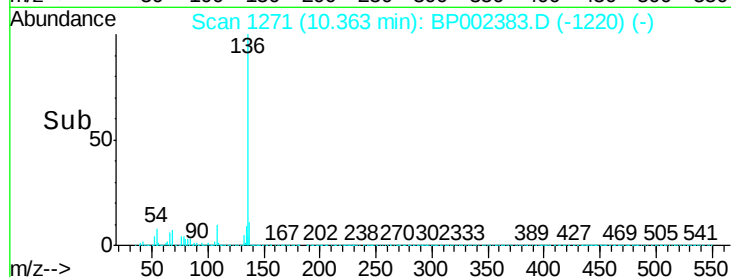
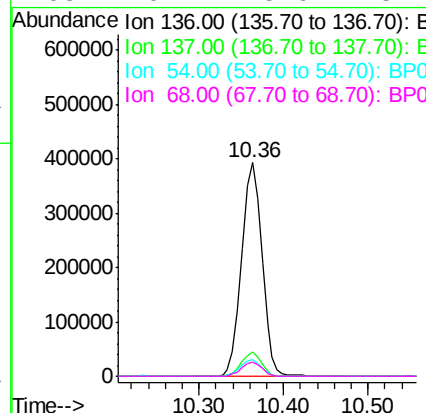
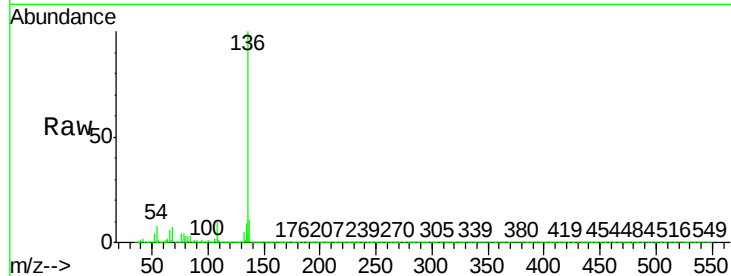
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.36 min Scan# 1271
Delta R.T. 0.00 min
Lab File: BP002383.D
Acq: 10 Jun 2020 19:59

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

Tot Ion	Ratio	Resp	Lower	Upper
136	100	653469		
137	11.4		8.8	13.2
54	7.6		6.4	9.6
68	6.7		5.6	8.4

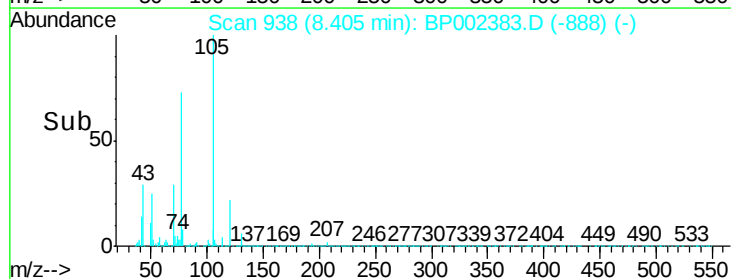
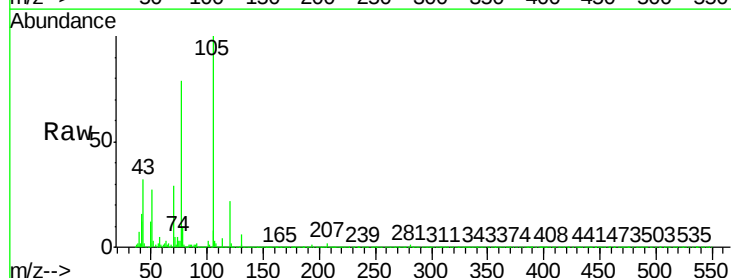
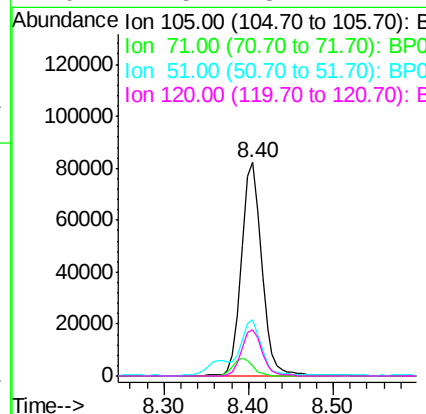
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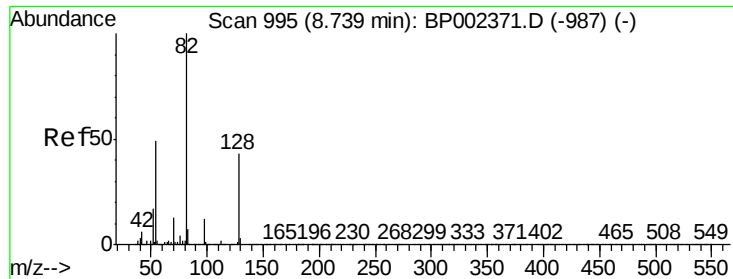
mohammad
6/11/2020 1:49:36 PM



#22
Acetophenone
Concen: 9.288 ng
RT: 8.40 min Scan# 938
Delta R.T. -0.01 min
Lab File: BP002383.D
Acq: 10 Jun 2020 19:59

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	136352		
71	4.8		4.7	7.1
51	26.6		21.4	32.0
120	21.5		18.1	27.1





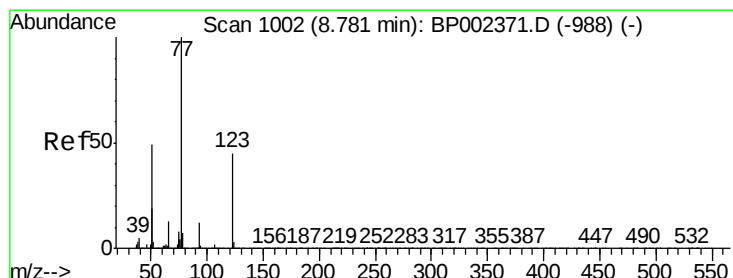
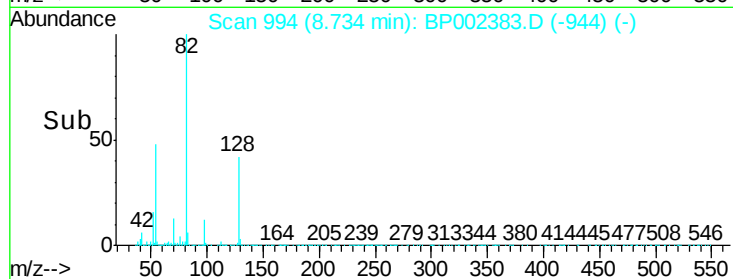
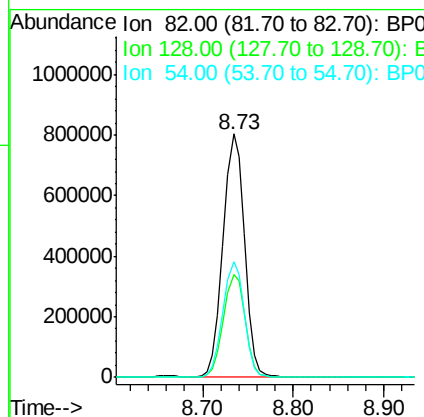
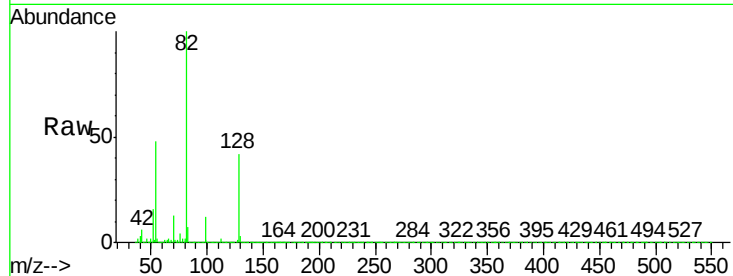
#23
Nitrobenzene-d5
Concen: 120.825 ng
RT: 8.73 min Scan# 994
Delta R.T. -0.01 min
Lab File: BP002383.D
Acq: 10 Jun 2020 19:59

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

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.3	34.5	51.7
54	47.6	39.4	59.2

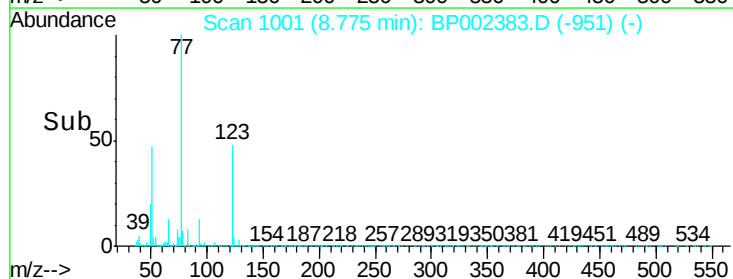
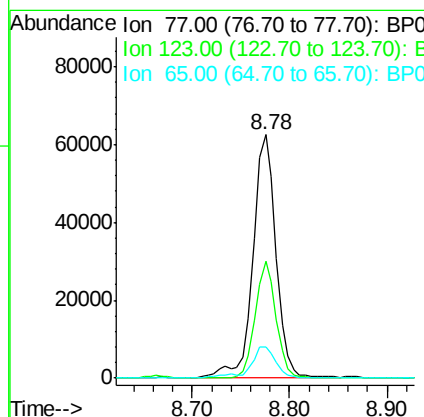
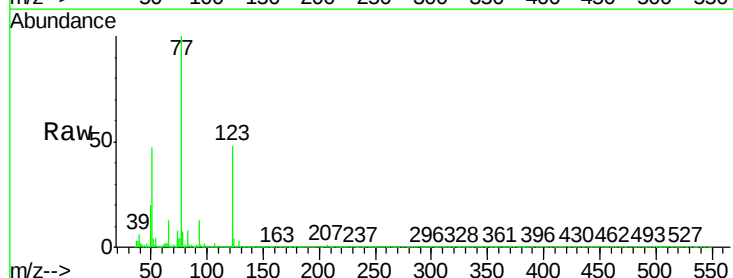
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#24
Nitrobenzene
Concen: 8.770 ng
RT: 8.78 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BP002383.D
Acq: 10 Jun 2020 19:59

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.2	35.8	53.8
65	12.8	10.5	15.7





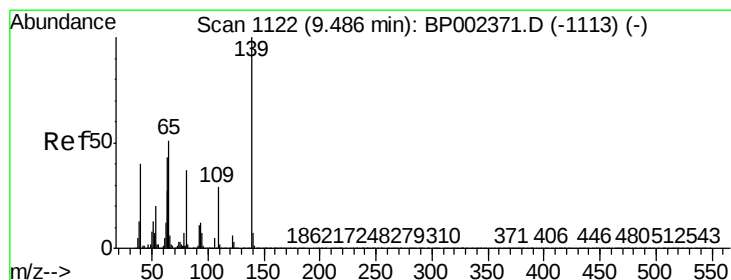
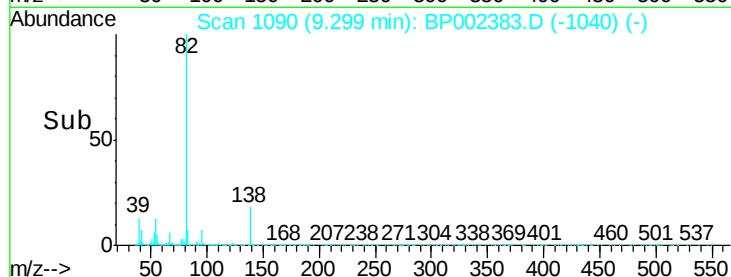
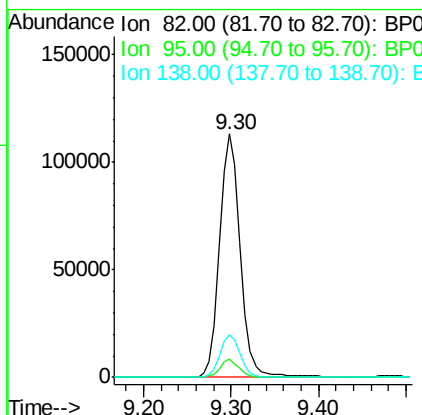
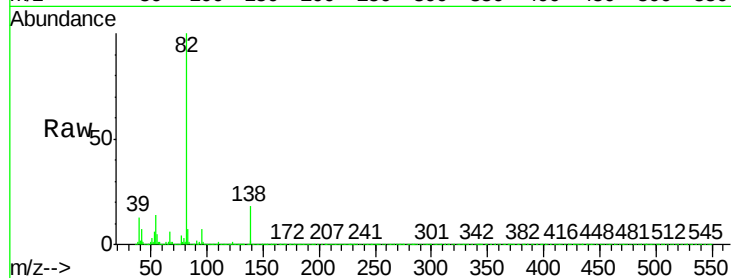
#25
Isophorone
Concen: 8.275 ng
RT: 9.30 min Scan# 1090
Delta R.T. -0.01 min
Lab File: BP002383.D
Acq: 10 Jun 2020 19:59

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

Tot Ion	Ratio	Resp	Lower	Upper
82	100	184422		
95	7.3	5.4	8.2	
138	17.7	13.4	20.0	

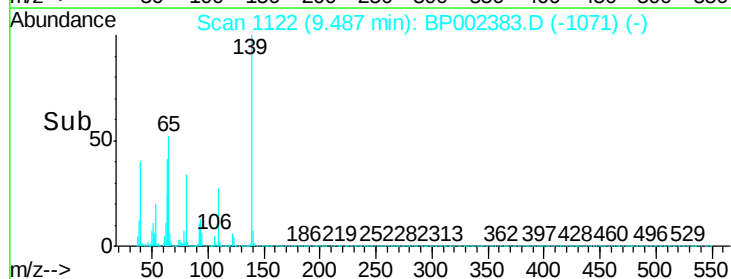
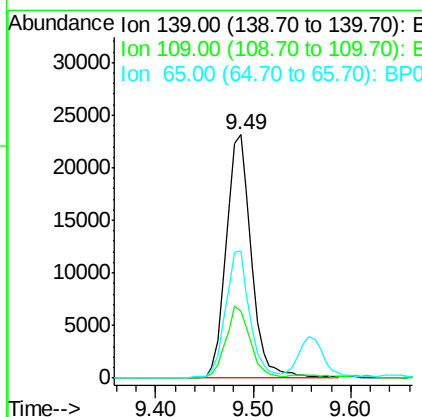
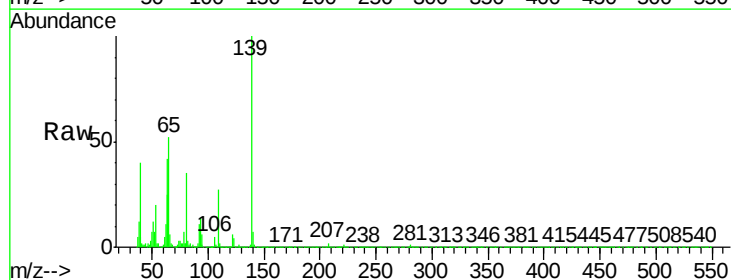
Manual Integrations
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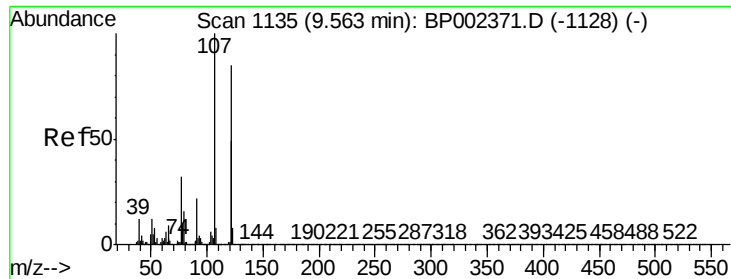
mohammad
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#26
2-Nitrophenol
Concen: 7.910 ng
RT: 9.49 min Scan# 1122
Delta R.T. 0.00 min
Lab File: BP002383.D
Acq: 10 Jun 2020 19:59

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	41458		
109	27.4	23.4	35.2	
65	52.3	41.1	61.7	





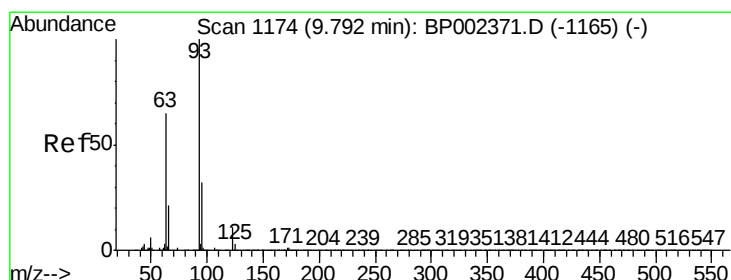
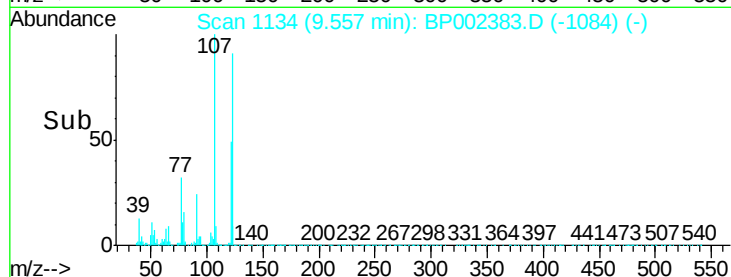
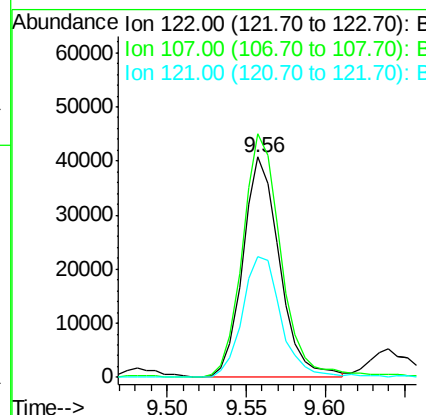
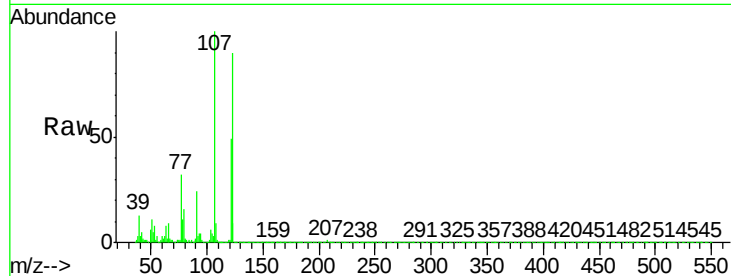
#27
2,4-Dimethylphenol
Concen: 7.950 ng
RT: 9.56 min Scan# 1134
Delta R.T. -0.01 min
Lab File: BP002383.D
Acq: 10 Jun 2020 19:59

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

Tot Ion	Ratio	Lower	Upper
122	100		
107	110.6	94.0	141.0
121	54.6	46.4	69.6

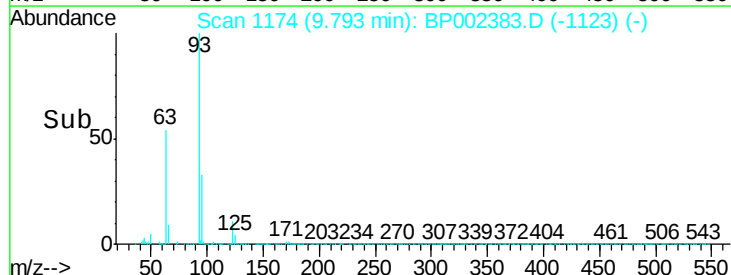
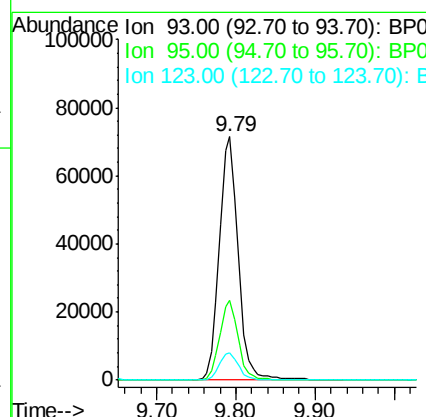
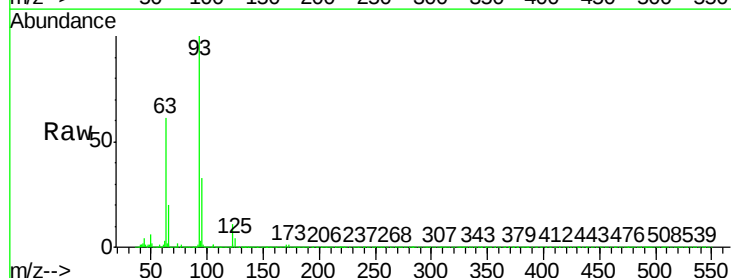
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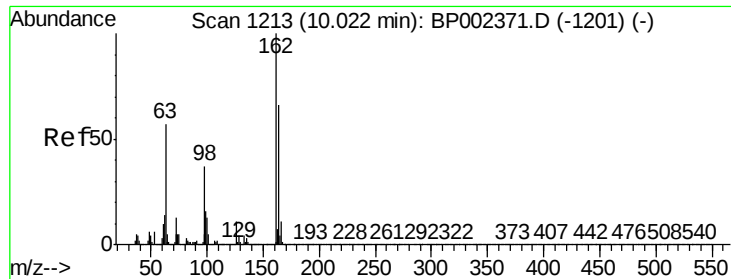
mohammad
6/11/2020 1:49:36 PM



#28
bis(2-Chloroethoxy)methane
Concen: 8.868 ng
RT: 9.79 min Scan# 1174
Delta R.T. 0.00 min
Lab File: BP002383.D
Acq: 10 Jun 2020 19:59

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.7	25.8	38.8
123	11.3	8.7	13.1





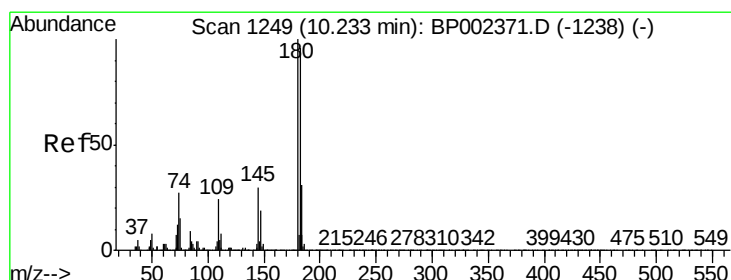
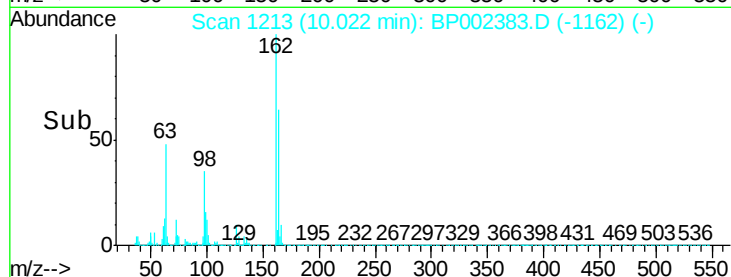
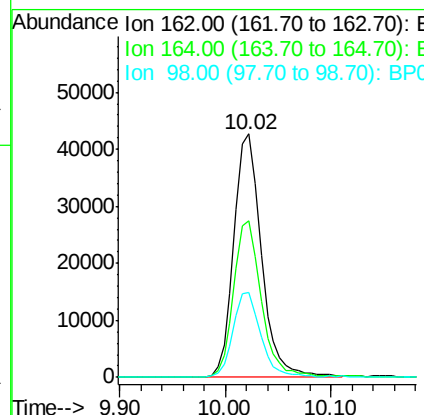
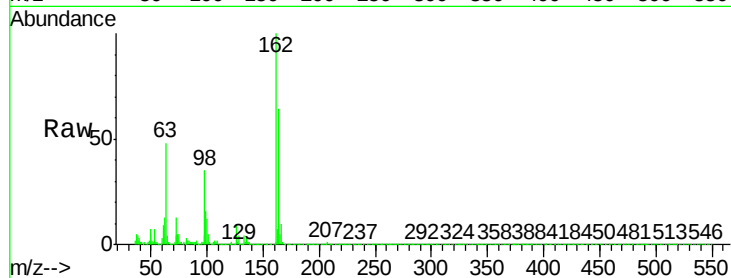
#29
2,4-Dichlorophenol
Concen: 8.404 ng
RT: 10.02 min Scan# 1213
Delta R.T. 0.00 min
Lab File: BP002383.D
Acq: 10 Jun 2020 19:59

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

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.2	45.5	85.5
98	34.8	16.6	56.6

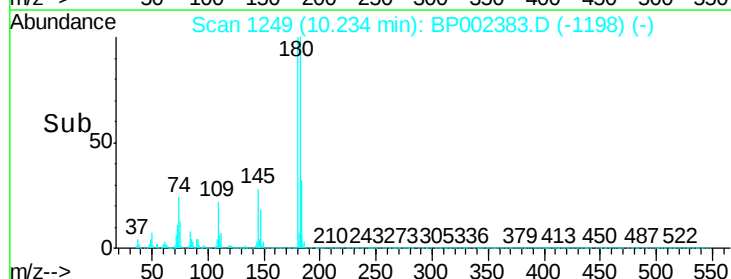
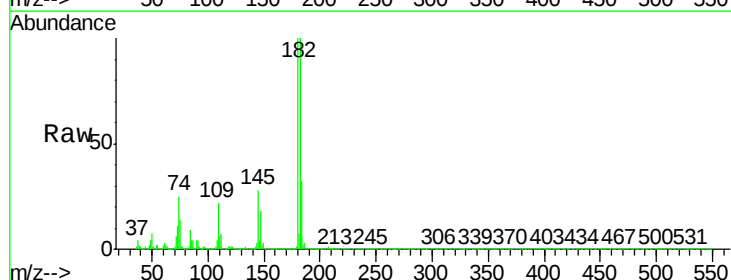
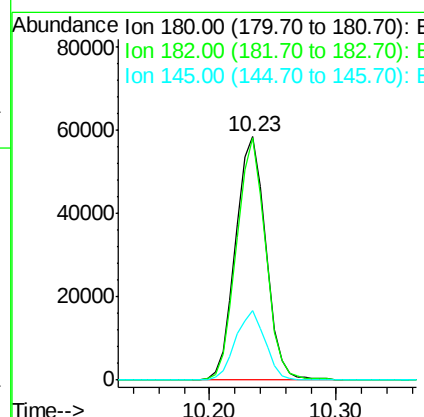
Manual Integrations
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#30
1,2,4-Trichlorobenzene
Concen: 9.299 ng
RT: 10.23 min Scan# 1249
Delta R.T. 0.00 min
Lab File: BP002383.D
Acq: 10 Jun 2020 19:59

Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.5	77.1	115.7
145	28.4	23.8	35.6





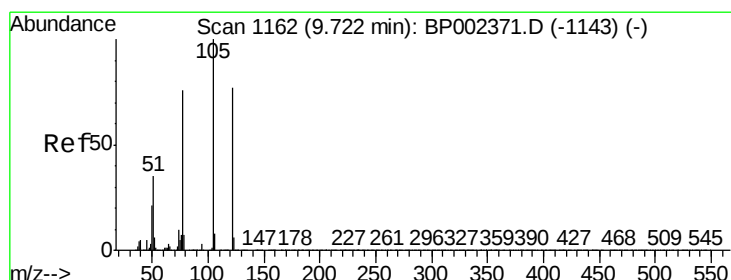
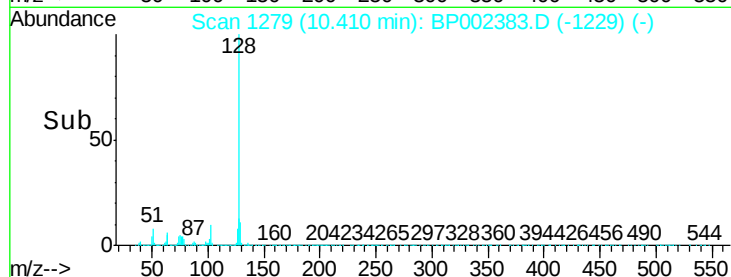
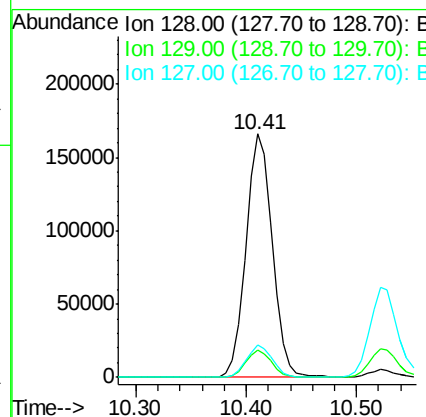
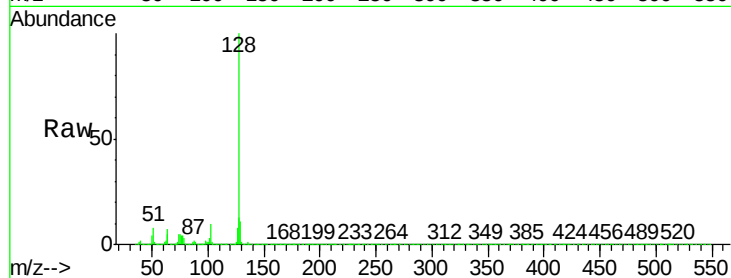
#31
Naphthalene
Concen: 9.150 ng
RT: 10.41 min Scan# 1279
Delta R.T. -0.01 min
Lab File: BP002383.D
Acq: 10 Jun 2020 19:59

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

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.7	13.1
127	13.1	10.3	15.5

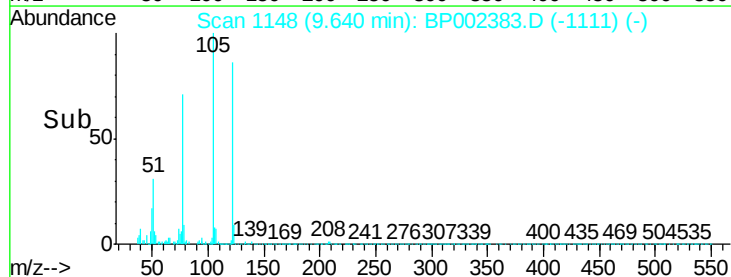
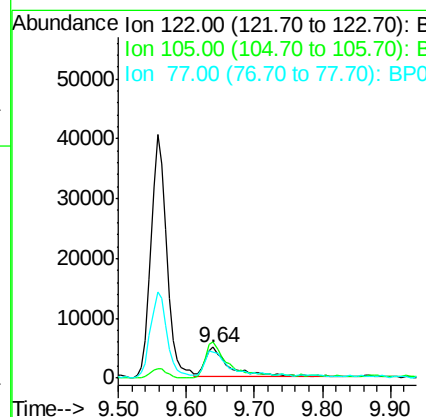
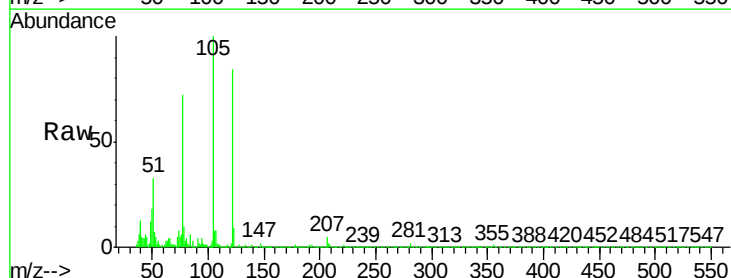
Manual Integrations
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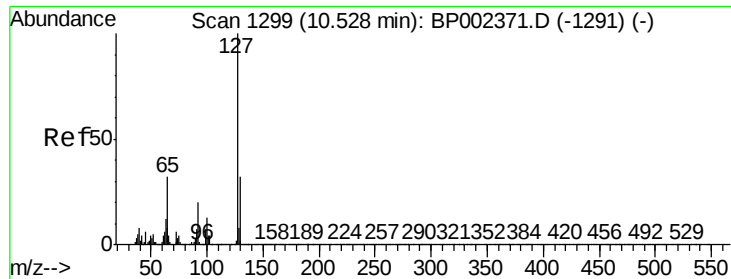
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#32
Benzoic acid
Concen: 1.943 ng m
RT: 9.64 min Scan# 1148
Delta R.T. -0.08 min
Lab File: BP002383.D
Acq: 10 Jun 2020 19:59

Tgt Ion	Ratio	Lower	Upper
122	100		
105	118.5	106.3	146.3
77	85.7	77.5	117.5





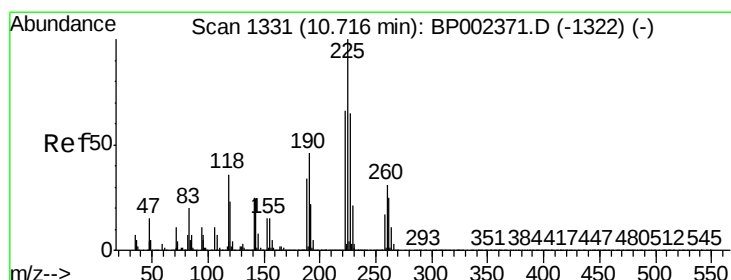
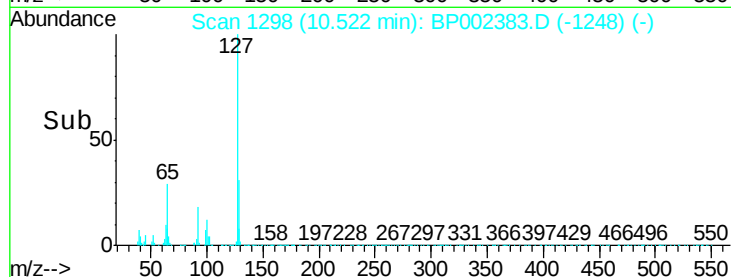
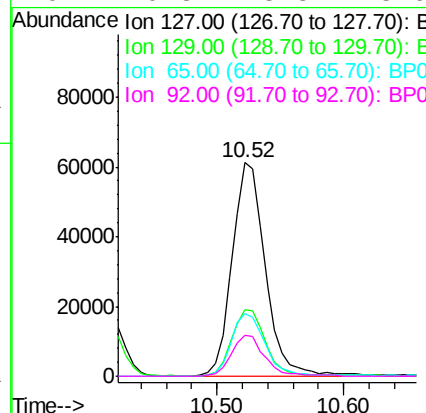
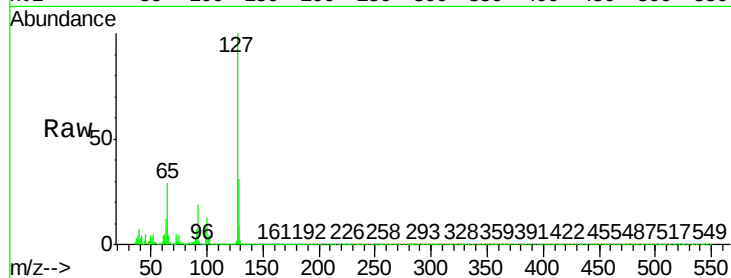
#33
4-Chloroaniline
Concen: 8.281 ng
RT: 10.52 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BP002383.D
Acq: 10 Jun 2020 19:59

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

Tot Ion	Ratio	Resp Lower	Upper
127	100		
129	31.5	25.4	38.2
65	29.1	25.3	37.9
92	19.3	15.8	23.6

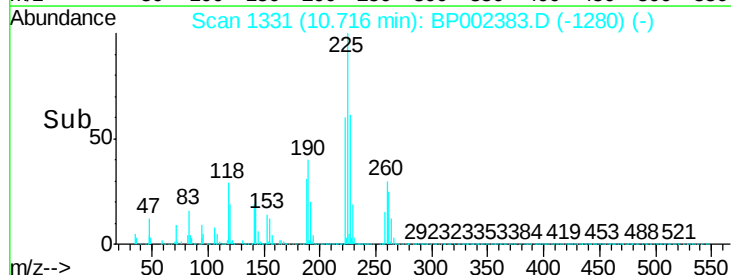
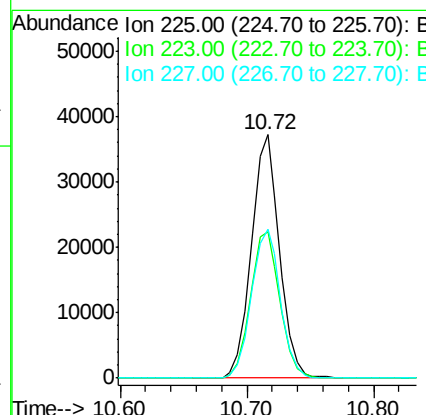
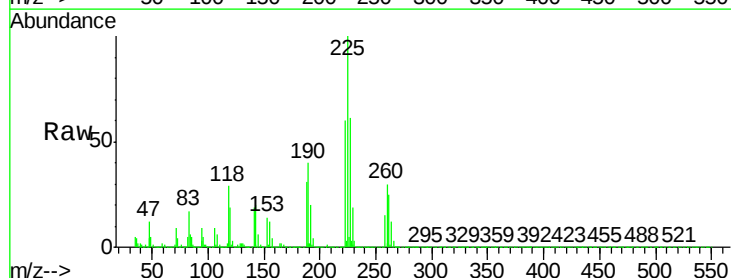
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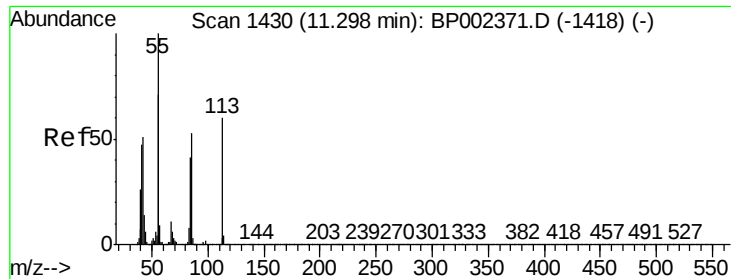
mohammad
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#34
Hexachlorobutadiene
Concen: 9.488 ng
RT: 10.72 min Scan# 1331
Delta R.T. 0.00 min
Lab File: BP002383.D
Acq: 10 Jun 2020 19:59

Tgt Ion	Ratio	Resp Lower	Upper
225	100		
223	60.2	52.6	78.8
227	61.2	52.2	78.2





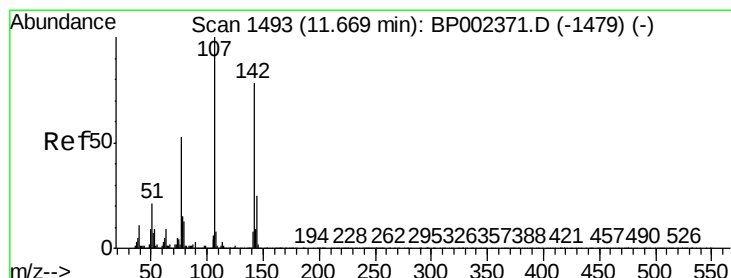
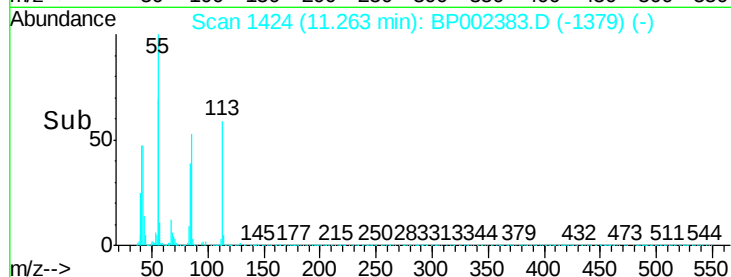
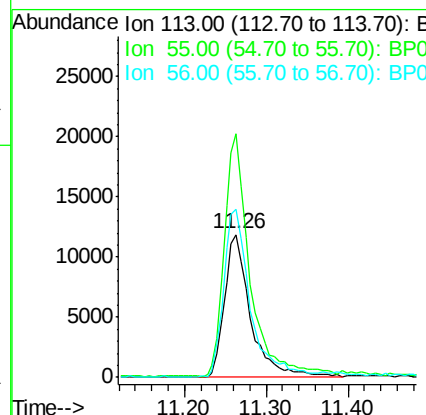
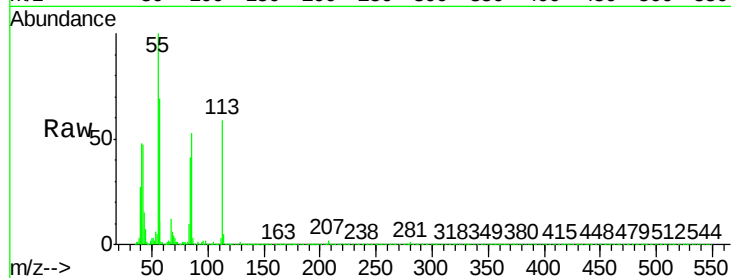
#35
 Caprolactam
 Concen: 8.117 ng
 RT: 11.26 min Scan# 1424
 Delta R.T. -0.03 min
 Lab File: BP002383.D
 Acq: 10 Jun 2020 19:59

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

Tot Ion	Ratio	Lower	Upper
113	100		
55	170.7	147.9	187.9
56	118.3	99.9	139.9

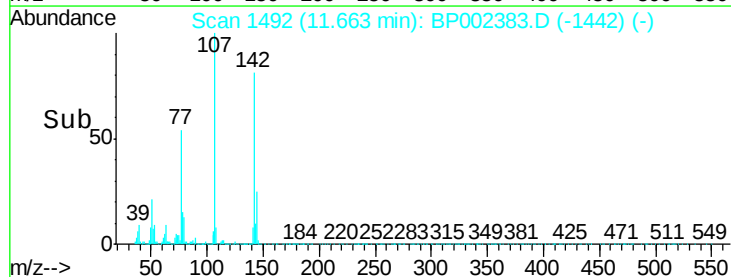
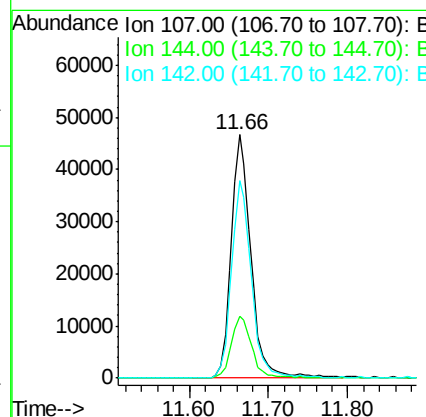
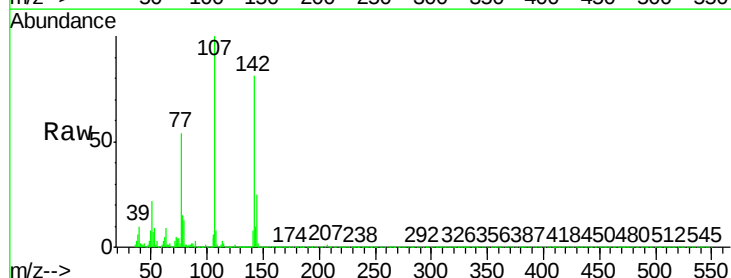
Manual Integrations
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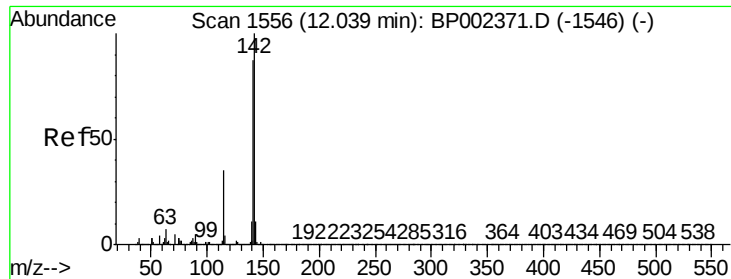
mohammad
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#36
 4-Chloro-3-methylphenol
 Concen: 8.055 ng
 RT: 11.66 min Scan# 1492
 Delta R.T. -0.01 min
 Lab File: BP002383.D
 Acq: 10 Jun 2020 19:59

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.4	20.4	30.6
142	81.3	62.2	93.4





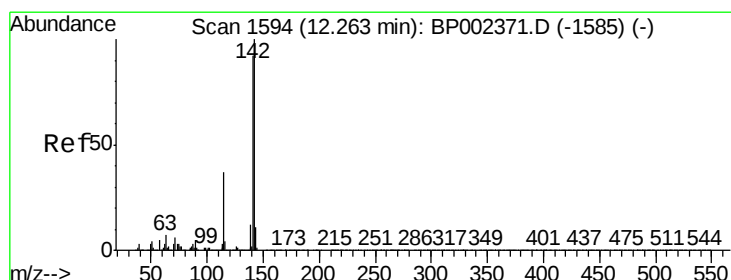
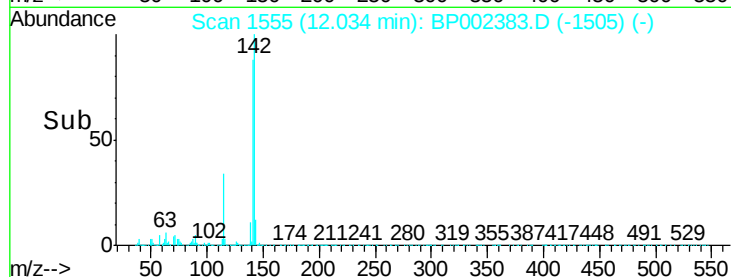
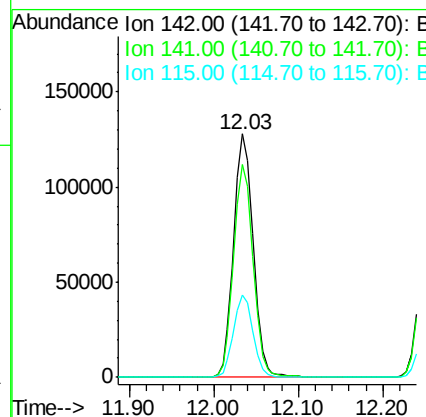
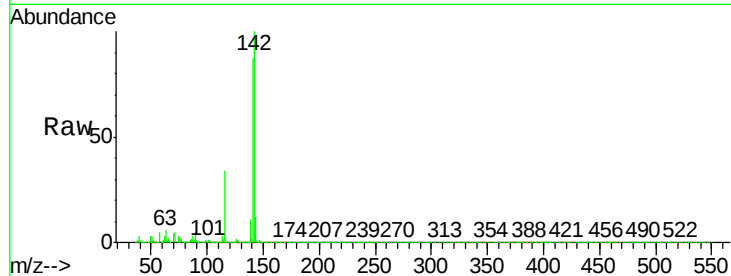
#37
2-Methylnaphthalene
Concen: 9.459 ng
RT: 12.03 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BP002383.D
Acq: 10 Jun 2020 19:59

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

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.3	69.7	104.5
115	33.6	27.8	41.8

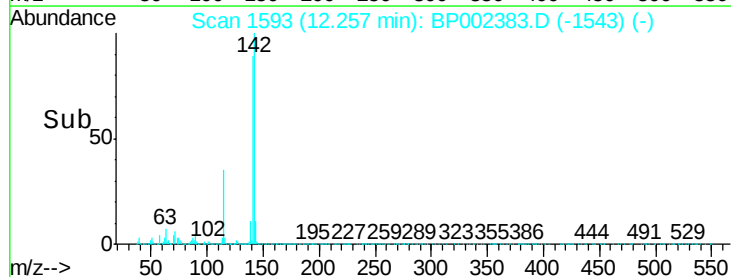
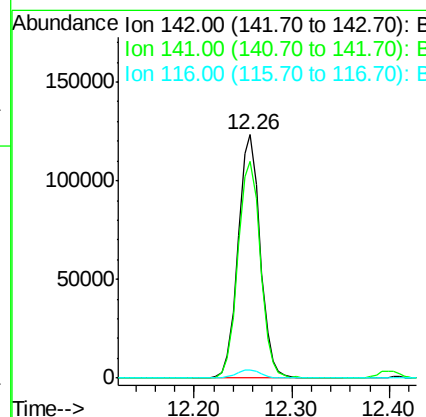
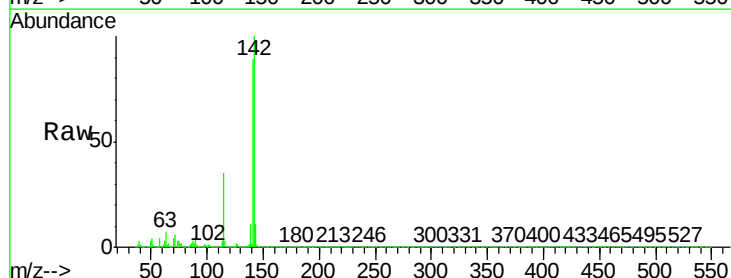
Manual Integrations
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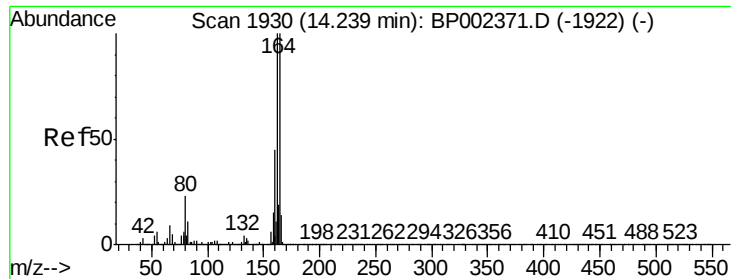
mohammad
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#38
1-Methylnaphthalene
Concen: 9.515 ng
RT: 12.26 min Scan# 1593
Delta R.T. -0.01 min
Lab File: BP002383.D
Acq: 10 Jun 2020 19:59

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.3	73.6	110.4
116	3.2	3.1	4.7





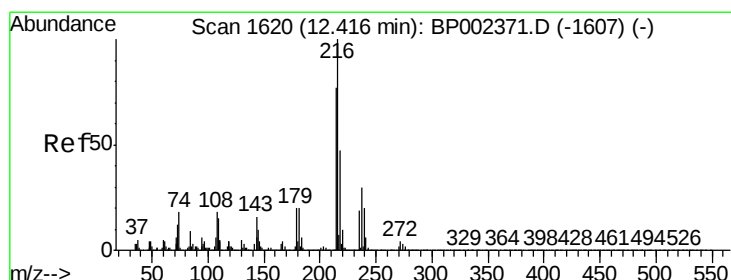
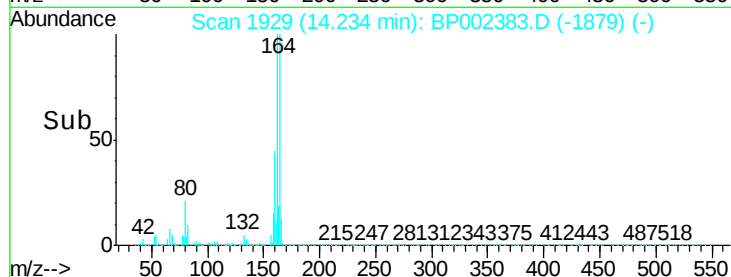
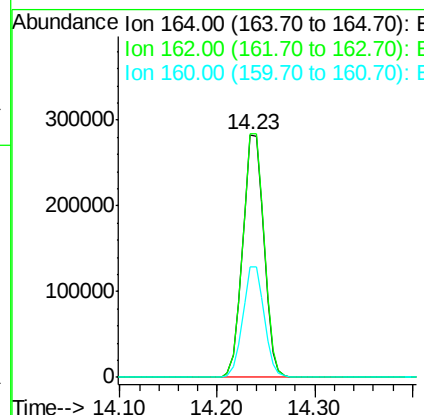
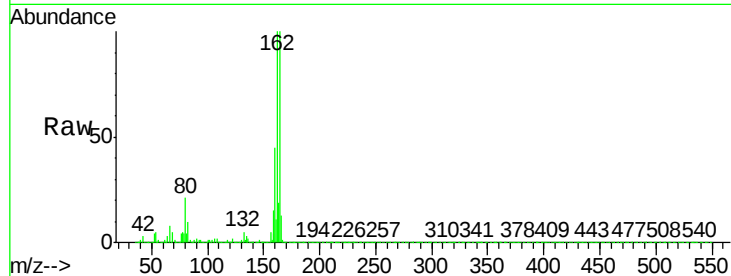
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.23 min Scan# 1929
Delta R.T. -0.01 min
Lab File: BP002383.D
Acq: 10 Jun 2020 19:59

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

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.2	79.8	119.8
160	45.4	36.2	54.2

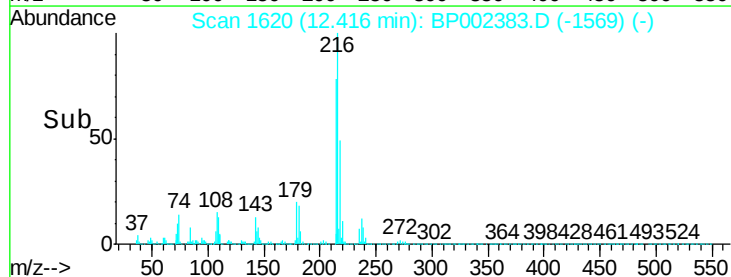
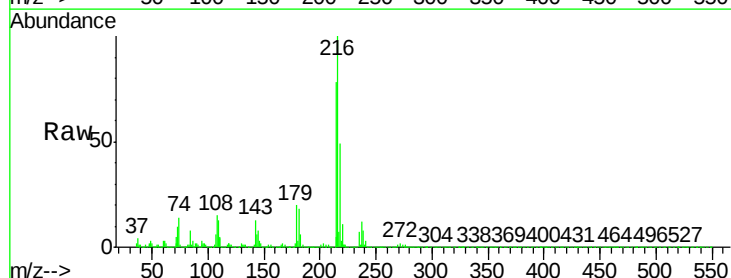
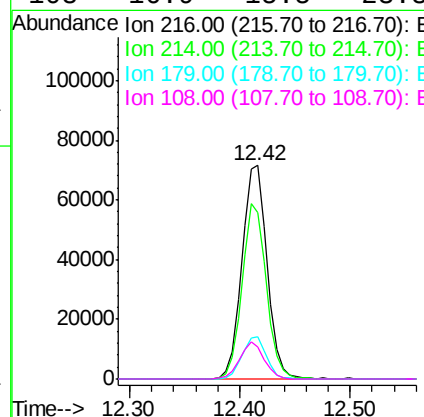
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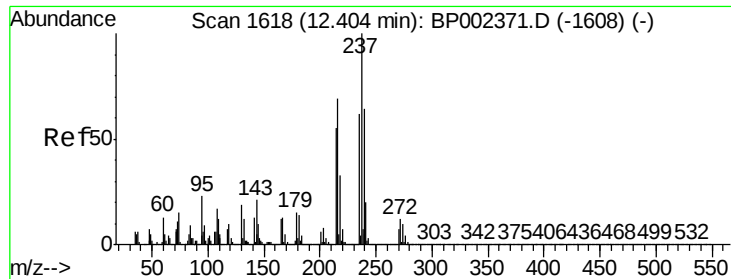
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 10.178 ng
RT: 12.42 min Scan# 1620
Delta R.T. 0.00 min
Lab File: BP002383.D
Acq: 10 Jun 2020 19:59

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.3	62.6	94.0
179	19.3	16.4	24.6
108	16.9	15.5	23.3





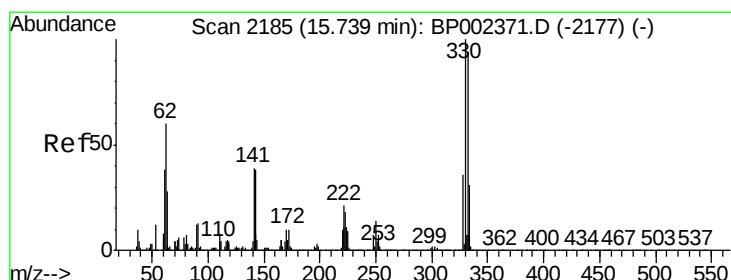
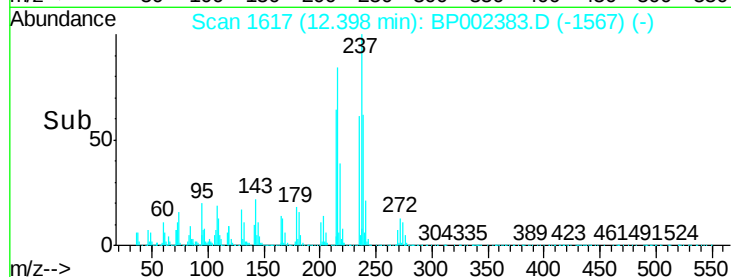
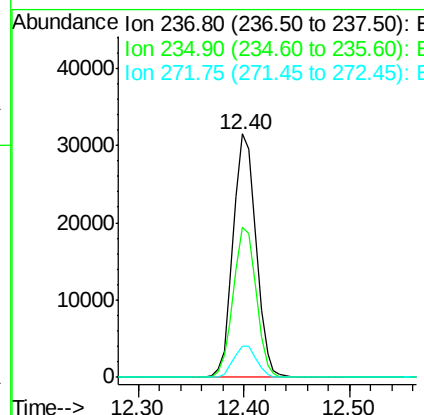
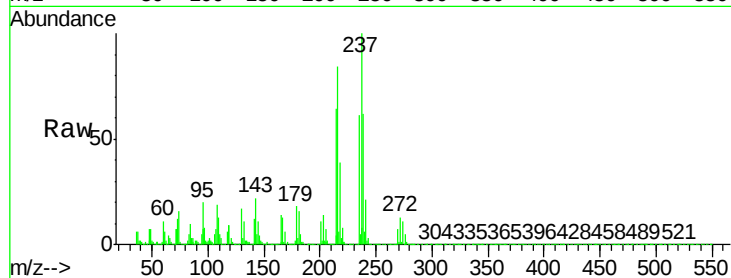
#41
Hexachlorocyclopentadiene
Concen: 7.849 ng
RT: 12.40 min Scan# 1617
Delta R.T. -0.01 min
Lab File: BP002383.D
Acq: 10 Jun 2020 19:59

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

Tot Ion	Ratio	Lower	Upper
237	100		
235	61.4	42.0	82.0
272	12.6	0.0	32.5

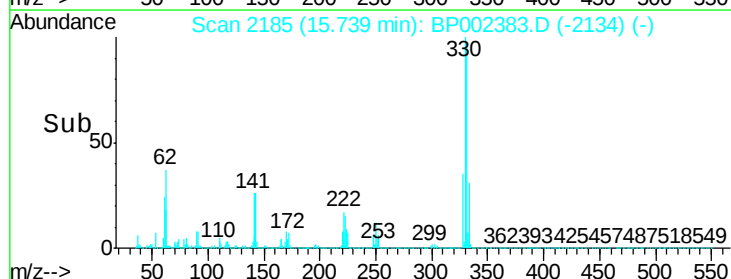
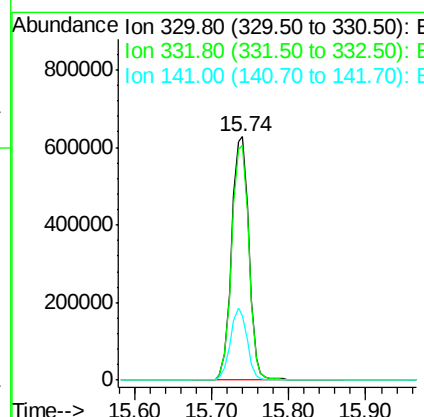
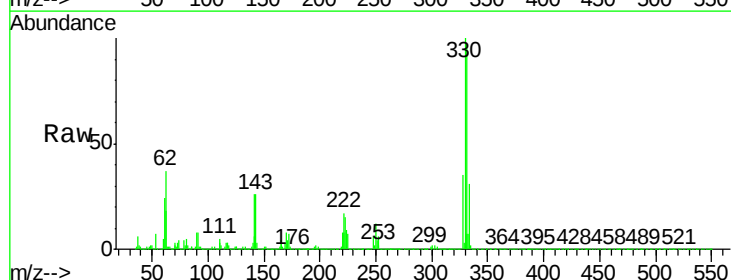
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#42
2,4,6-Tribromophenol
Concen: 240.729 ng
RT: 15.74 min Scan# 2185
Delta R.T. 0.00 min
Lab File: BP002383.D
Acq: 10 Jun 2020 19:59

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.4	76.6	115.0
141	28.7	30.3	45.5#





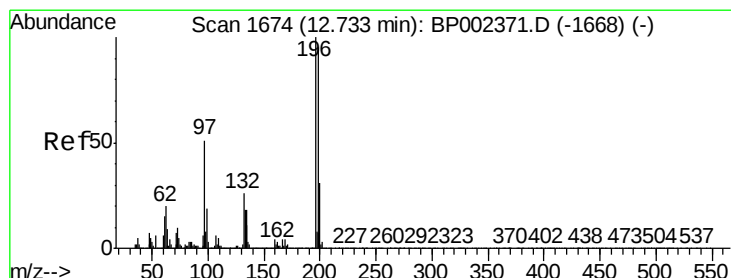
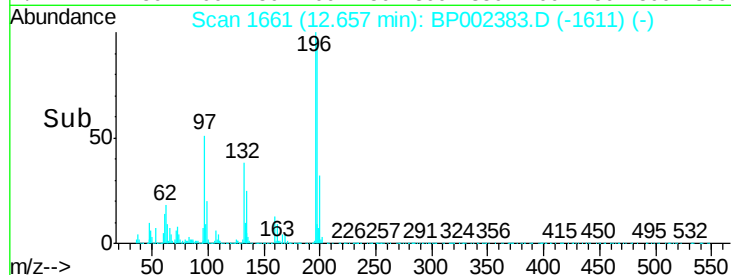
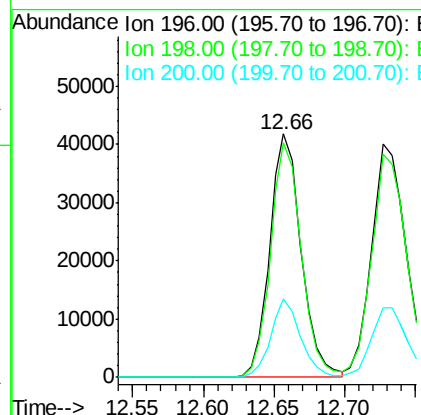
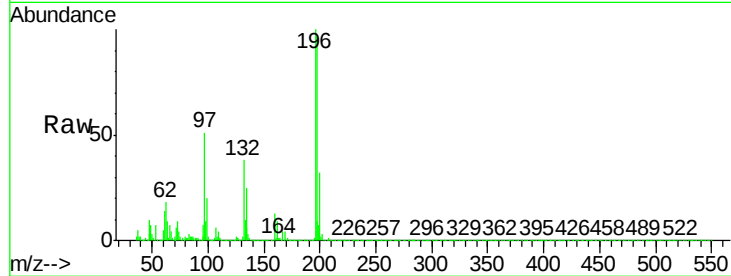
#43
2,4,6-Trichlorophenol
Concen: 8.188 ng
RT: 12.66 min Scan# 1661
Delta R.T. -0.01 min
Lab File: BP002383.D
Acq: 10 Jun 2020 19:59

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

Tot Ion	Ratio	Lower	Upper
196	100		
198	96.5	76.6	115.0
200	32.0	24.7	37.1

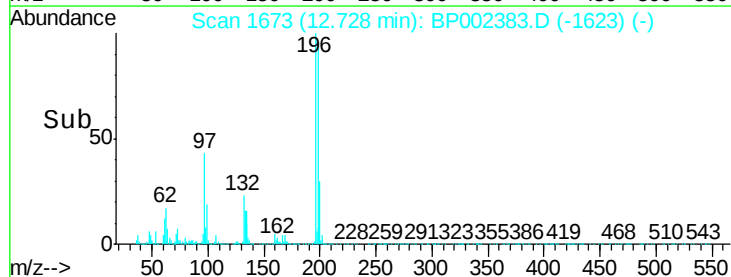
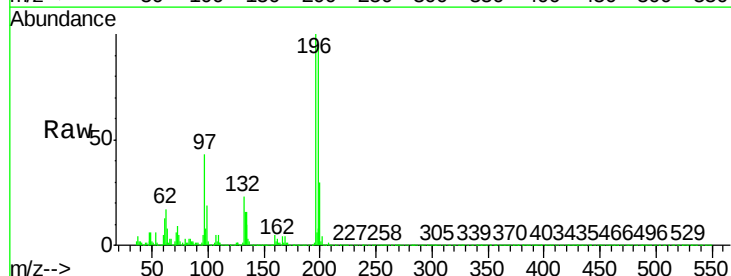
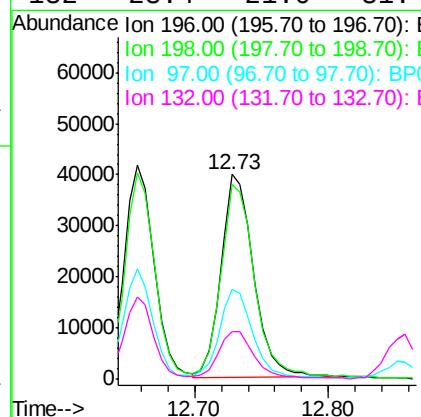
Manual Integrations
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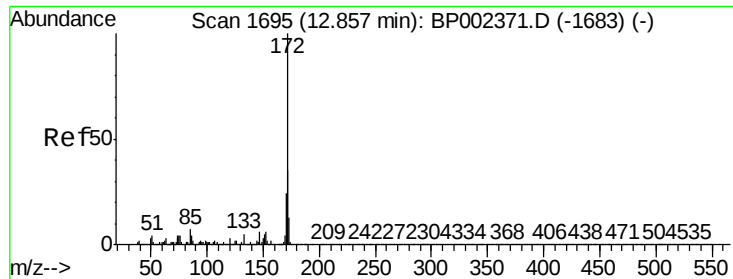
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#44
2,4,5-Trichlorophenol
Concen: 7.410 ng
RT: 12.73 min Scan# 1673
Delta R.T. -0.01 min
Lab File: BP002383.D
Acq: 10 Jun 2020 19:59

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.3	76.2	114.2
97	43.5	40.6	61.0
132	23.4	21.0	31.4





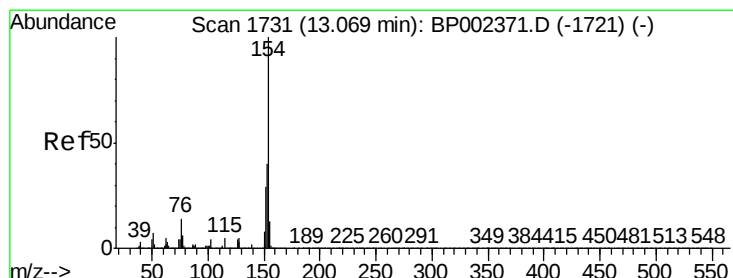
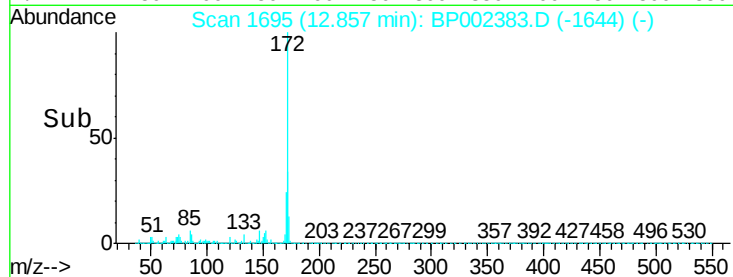
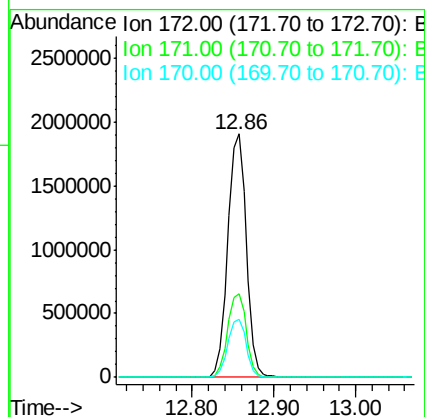
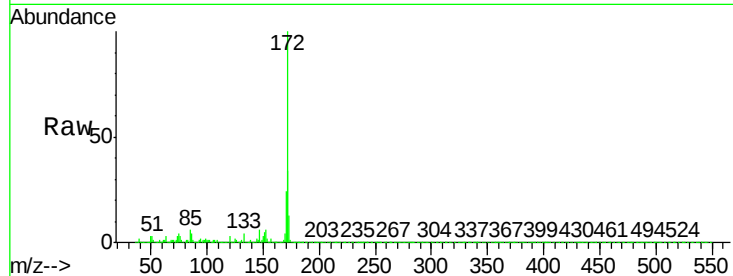
#45
2-Fluorobiphenyl
Concen: 118.247 ng
RT: 12.86 min Scan# 1695
Delta R.T. 0.00 min
Lab File: BP002383.D
Acq: 10 Jun 2020 19:59

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

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.4	27.8	41.8
170	23.9	19.0	28.6

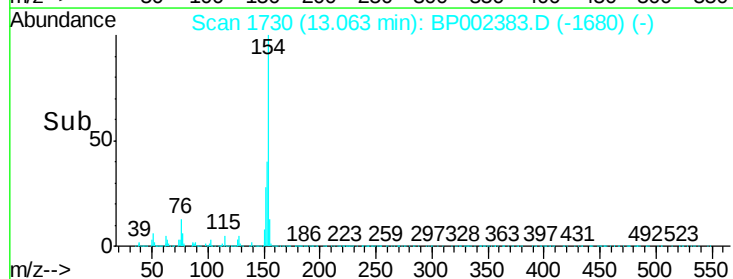
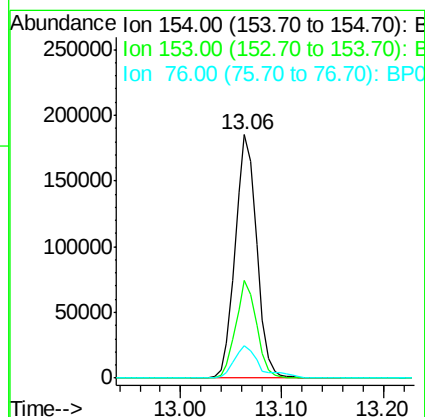
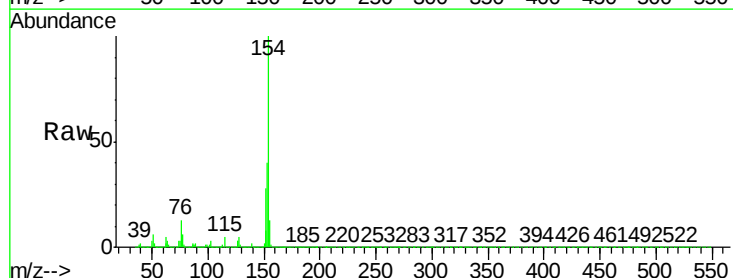
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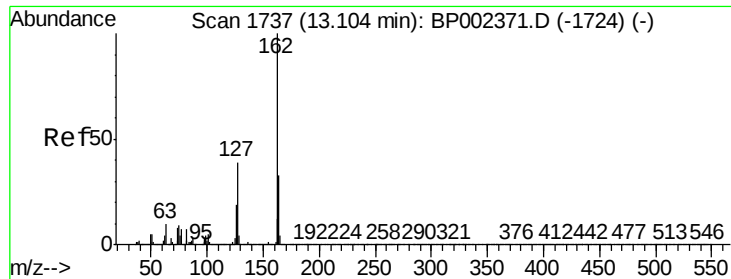
mohammad
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#46
1,1'-Biphenyl
Concen: 9.722 ng
RT: 13.06 min Scan# 1730
Delta R.T. -0.01 min
Lab File: BP002383.D
Acq: 10 Jun 2020 19:59

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.2	20.2	60.2
76	13.1	0.0	34.2





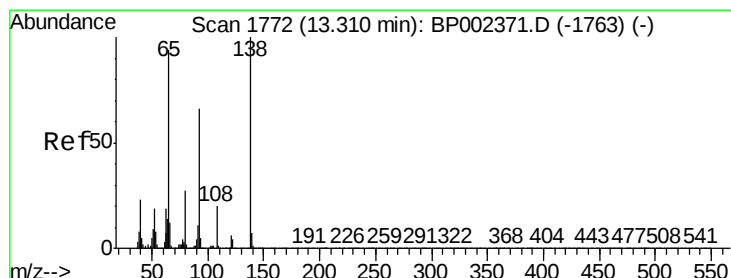
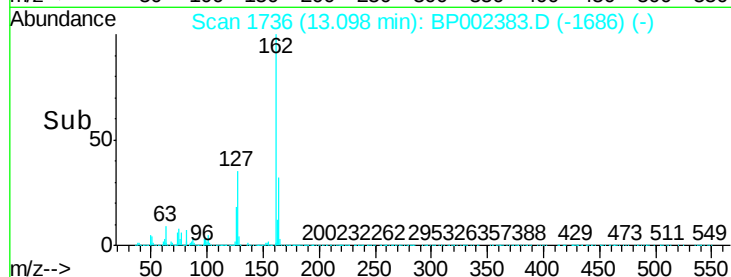
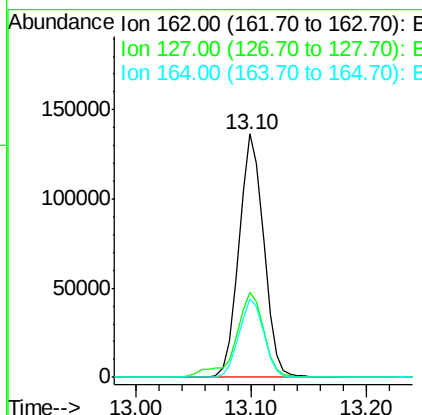
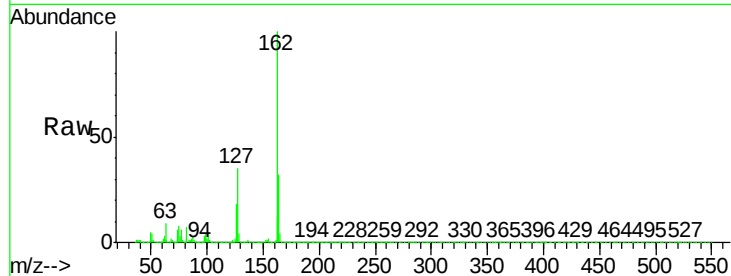
#47
2-Chloronaphthalene
Concen: 8.834 ng
RT: 13.10 min Scan# 1736
Delta R.T. -0.01 min
Lab File: BP002383.D
Acq: 10 Jun 2020 19:59

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

Tot Ion	Ratio	Resp Lower	Upper
162	100		
127	34.9	31.0	46.4
164	32.3	26.6	40.0

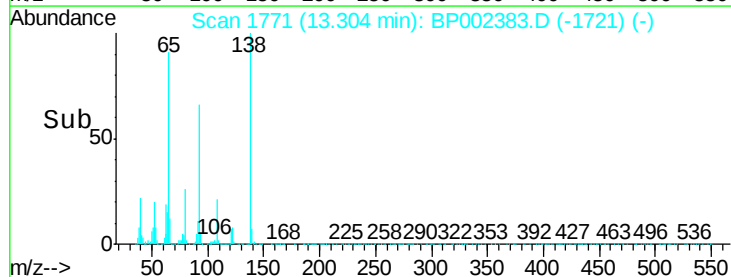
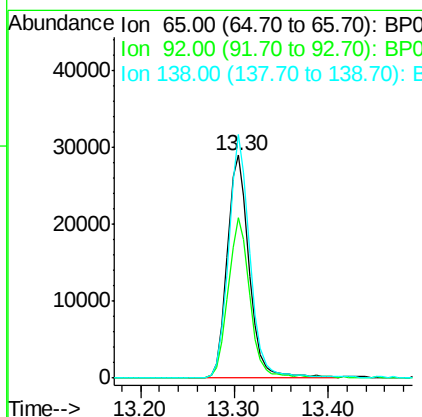
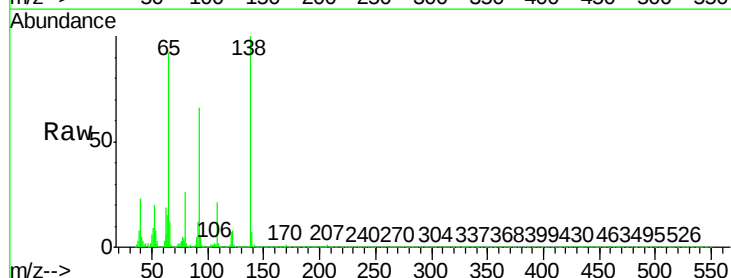
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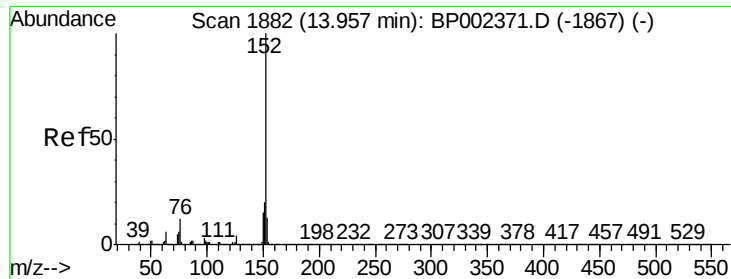
mohammad
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#48
2-Nitroaniline
Concen: 6.404 ng
RT: 13.30 min Scan# 1771
Delta R.T. -0.01 min
Lab File: BP002383.D
Acq: 10 Jun 2020 19:59

Tgt Ion	Ratio	Resp Lower	Upper
65	100		
92	72.0	56.3	84.5
138	109.1	85.0	127.6





#49

Acenaphthylene

Concen: 8.774 ng

RT: 13.95 min Scan# 1881

Delta R.T. -0.01 min

Lab File: BP002383.D

Acq: 10 Jun 2020 19:59

Instrument :

BNA_P

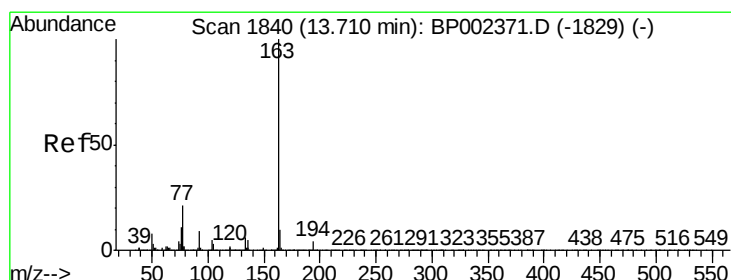
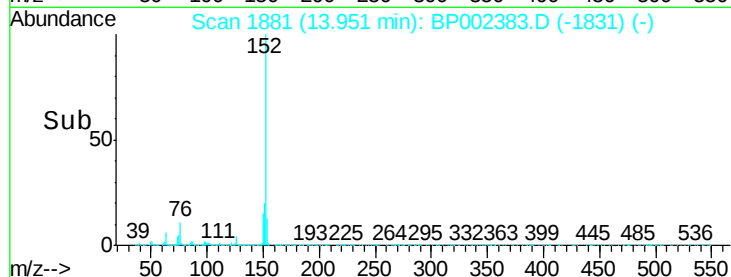
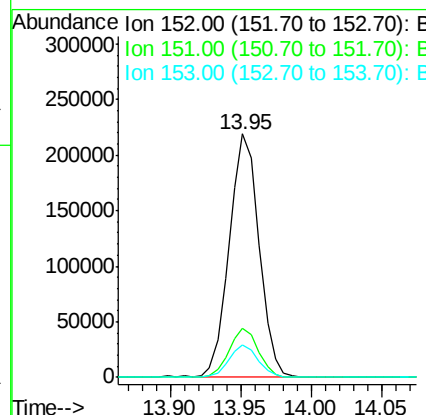
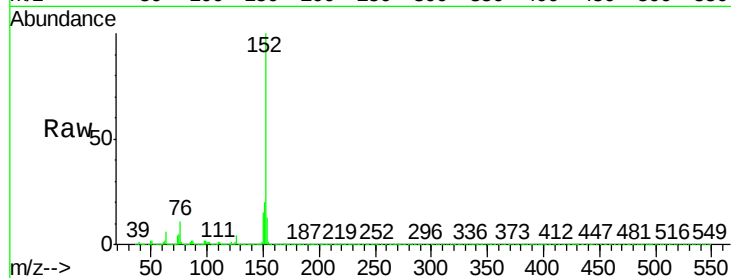
ClientSampleId :

LOD-MDL-SOIL-01-QT1-2020

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.1	15.7	23.5
153	13.3	10.5	15.7

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#50

Dimethylphthalate

Concen: 8.786 ng

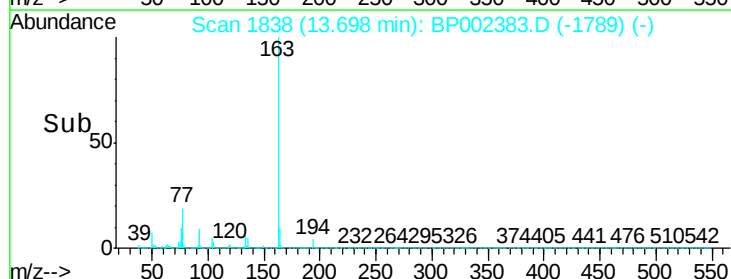
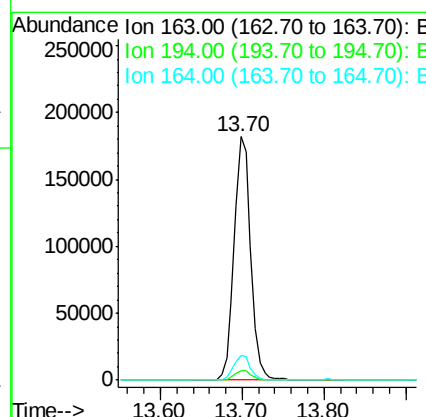
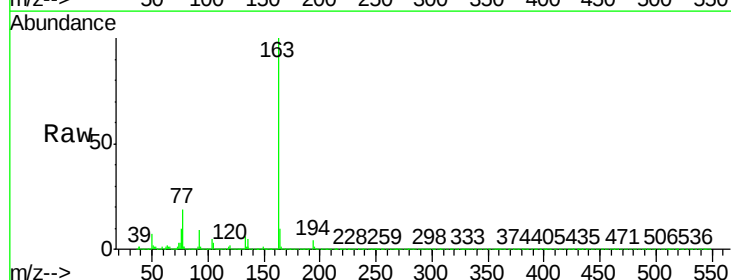
RT: 13.70 min Scan# 1838

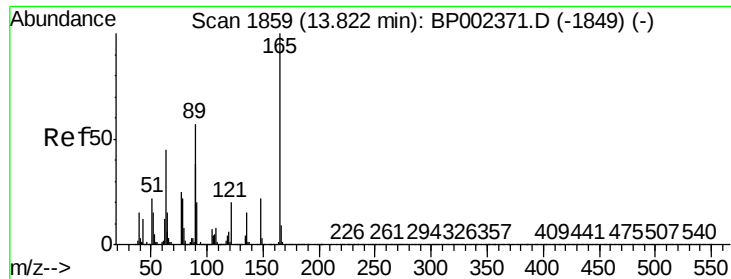
Delta R.T. -0.01 min

Lab File: BP002383.D

Acq: 10 Jun 2020 19:59

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.4	5.0
164	10.1	8.1	12.1





#51

2,6-Dinitrotoluene

Concen: 7.879 ng

RT: 13.81 min Scan# 1857

Delta R.T. -0.01 min

Lab File: BP002383.D

Acq: 10 Jun 2020 19:59

Instrument :

BNA_P

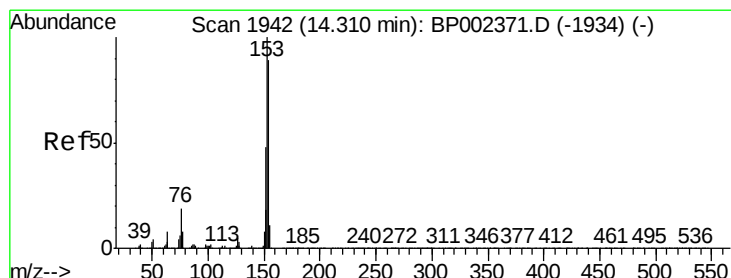
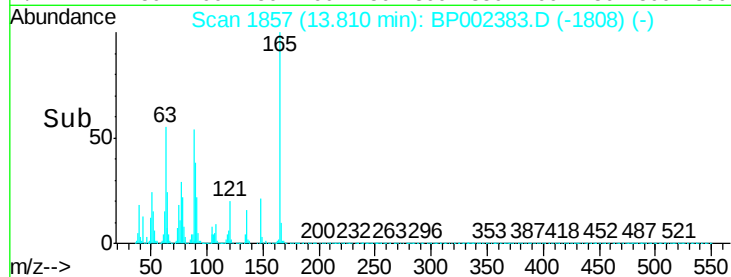
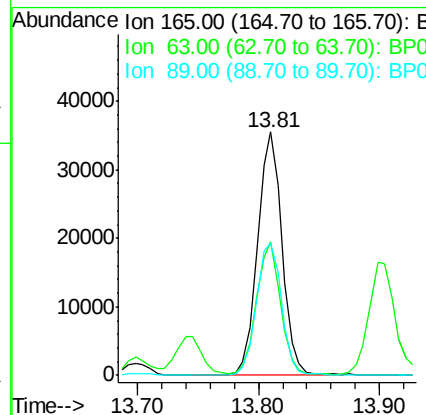
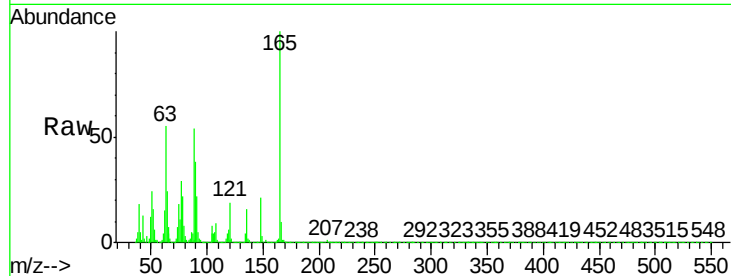
ClientSampleId :

LOD-MDL-SOIL-01-QT1-2020

Tot Ion:	165	Resp:	50169
Ion Ratio	Lower	Upper	
165	100		
63	54.8	43.1	64.7
89	54.5	45.3	67.9

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#52

Acenaphthene

Concen: 8.957 ng

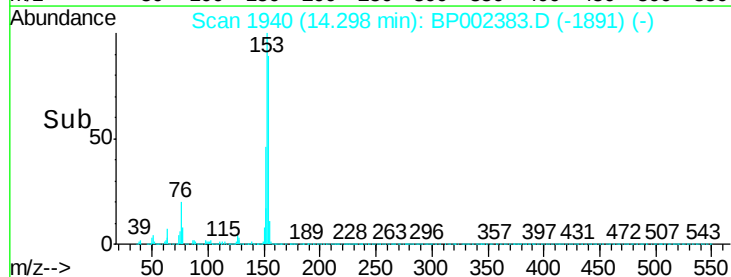
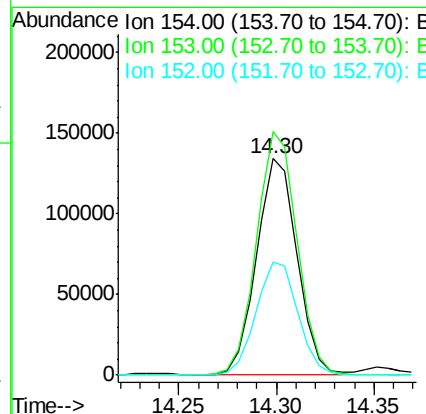
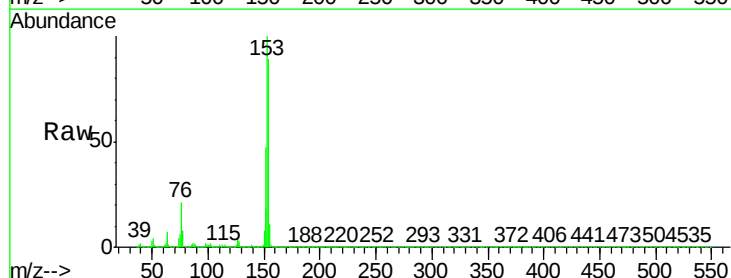
RT: 14.30 min Scan# 1940

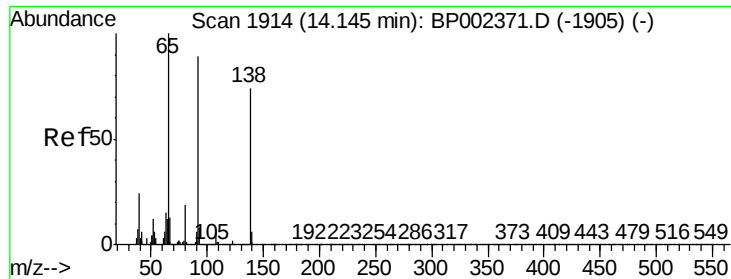
Delta R.T. -0.01 min

Lab File: BP002383.D

Acq: 10 Jun 2020 19:59

Tgt Ion:	154	Resp:	192110
Ion Ratio	Lower	Upper	
154	100		
153	112.5	89.5	134.3
152	52.5	43.3	64.9





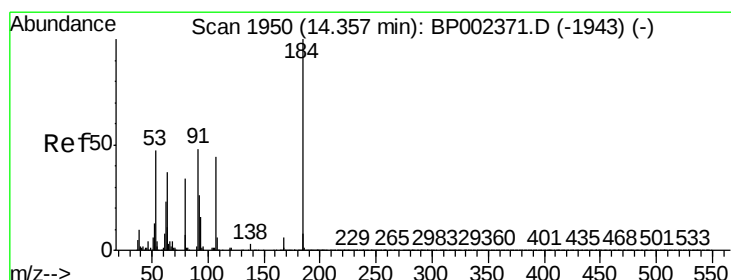
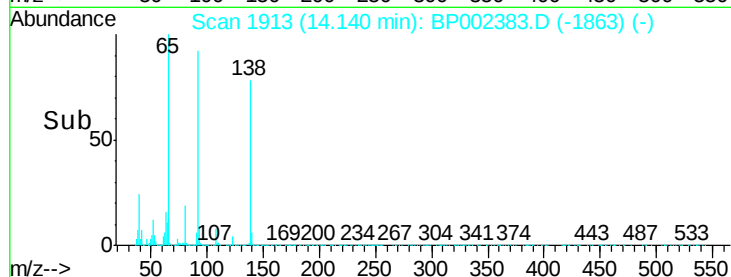
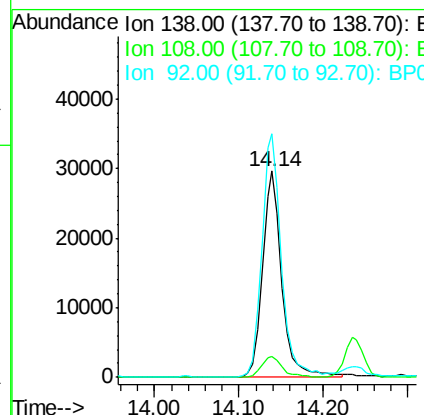
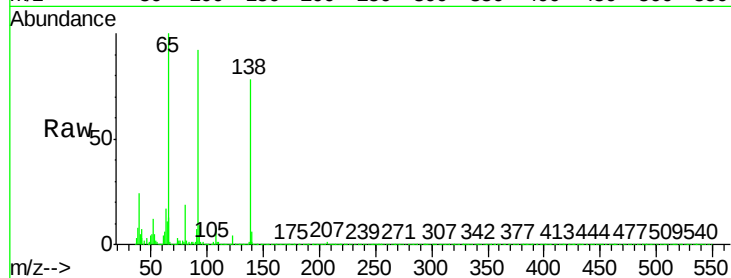
#53
3-Nitroaniline
Concen: 6.567 ng
RT: 14.14 min Scan# 1913
Delta R.T. -0.01 min
Lab File: BP002383.D
Acq: 10 Jun 2020 19:59

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

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.4	8.0	12.0
92	118.0	96.2	144.2

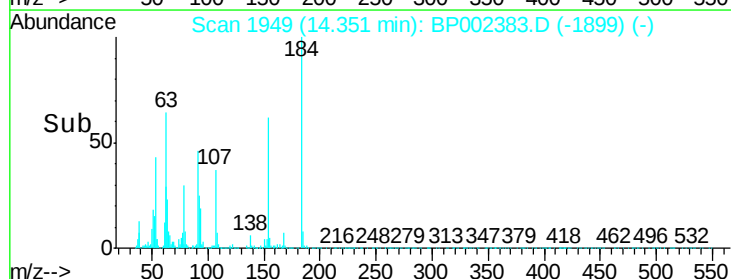
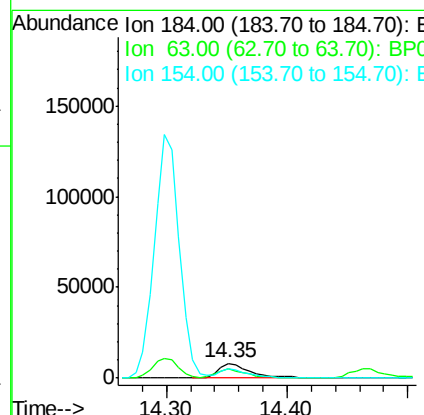
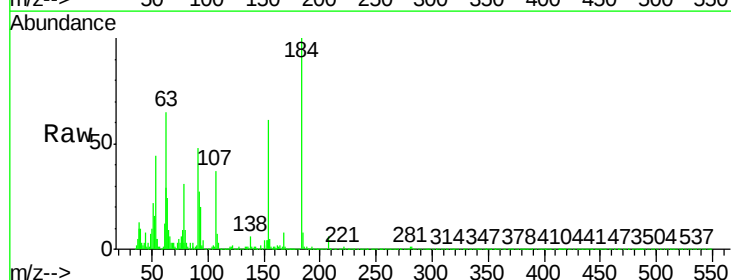
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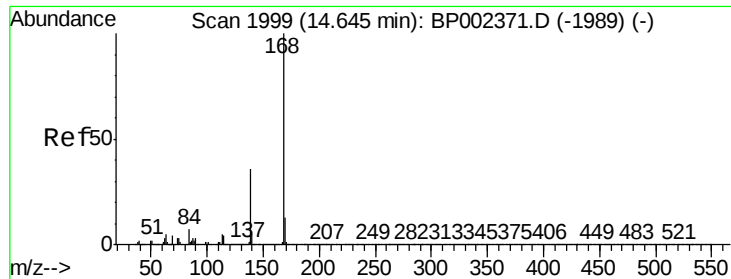
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#54
2,4-Dinitrophenol
Concen: 4.332 ng
RT: 14.35 min Scan# 1949
Delta R.T. -0.00 min
Lab File: BP002383.D
Acq: 10 Jun 2020 19:59

Tgt Ion	Ratio	Lower	Upper
184	100		
63	65.2	52.3	78.5
154	61.5	48.6	72.8





#55

Dibenzofuran

Concen: 9.322 ng

RT: 14.64 min Scan# 1998

Delta R.T. -0.01 min

Lab File: BP002383.D

Acq: 10 Jun 2020 19:59

Instrument :

BNA_P

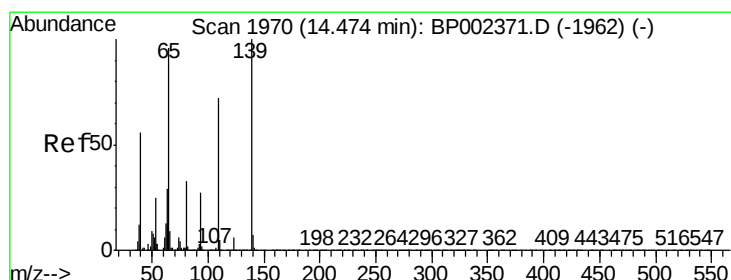
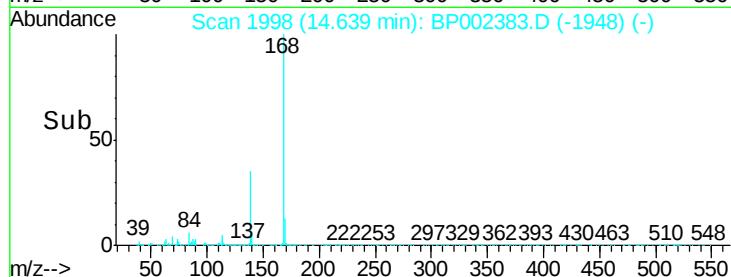
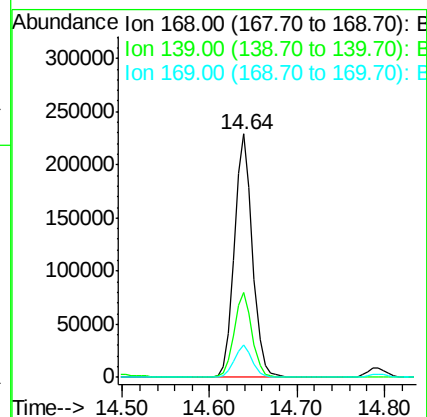
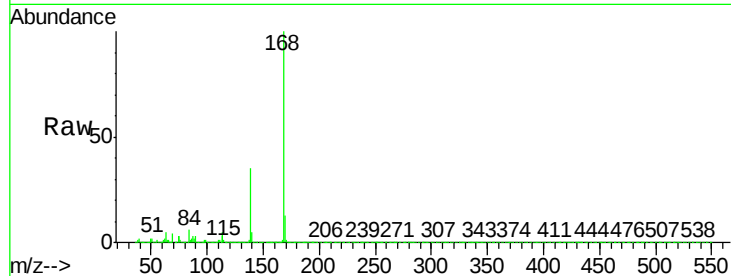
ClientSampleId :

LOD-MDL-SOIL-01-QT1-2020

Tot Ion:	168	Resp:	321915
Ion Ratio	Lower	Upper	
168	100		
139	34.9	28.9	43.3
169	13.1	10.6	15.8

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#56

4-Nitrophenol

Concen: 6.061 ng

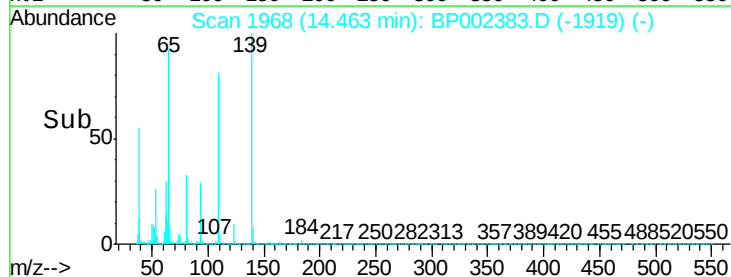
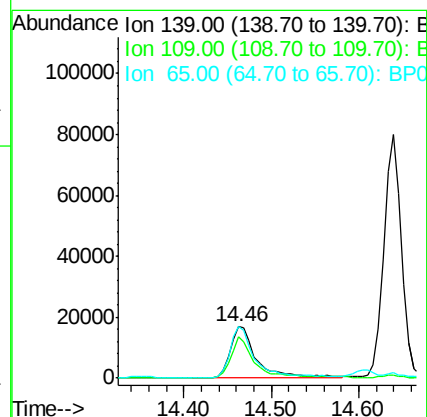
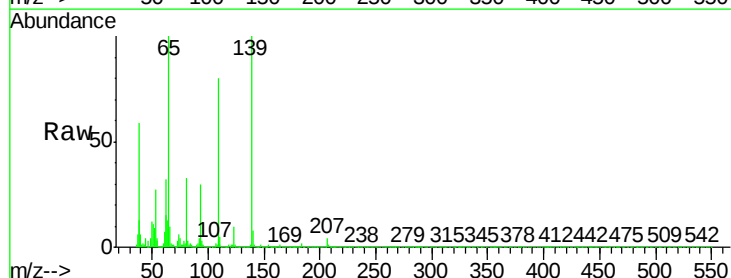
RT: 14.46 min Scan# 1968

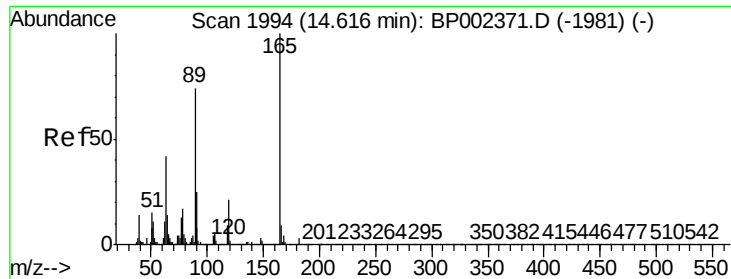
Delta R.T. -0.01 min

Lab File: BP002383.D

Acq: 10 Jun 2020 19:59

Tgt Ion:	139	Resp:	34987
Ion Ratio	Lower	Upper	
139	100		
109	80.3	52.0	92.0
65	100.0	76.3	116.3





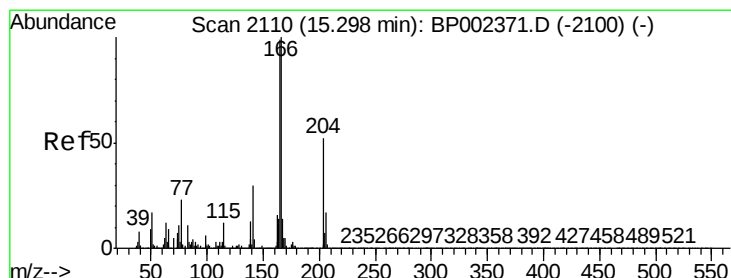
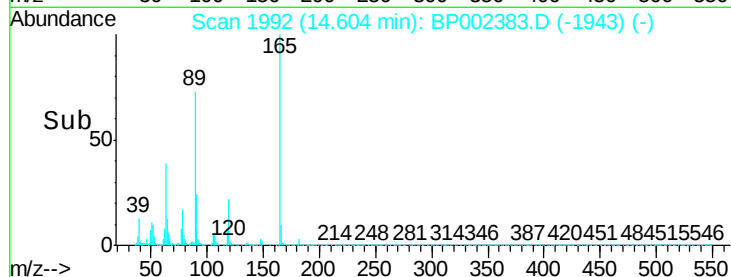
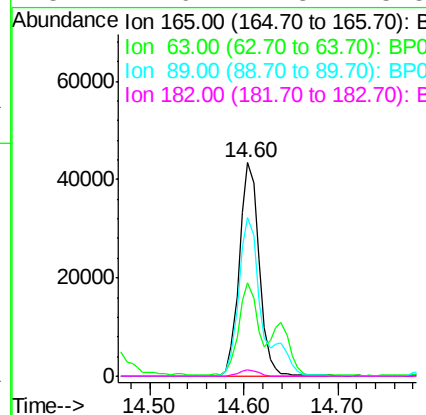
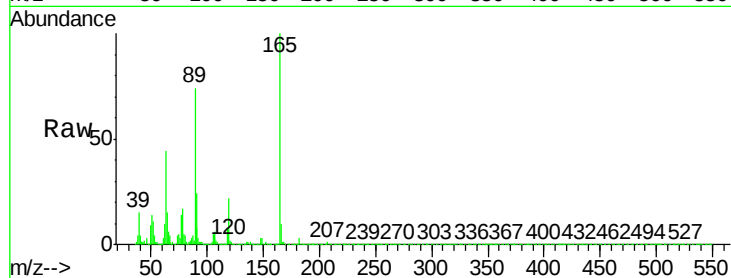
#57
2,4-Dinitrotoluene
Concen: 7.387 ng
RT: 14.60 min Scan# 1992
Delta R.T. -0.01 min
Lab File: BP002383.D
Acq: 10 Jun 2020 19:59

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

Tot Ion	Ratio	Lower	Upper
165	100		
63	44.0	34.2	51.2
89	74.1	59.3	88.9
182	2.9	2.3	3.5

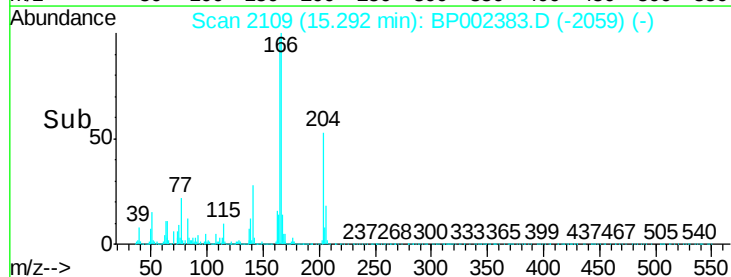
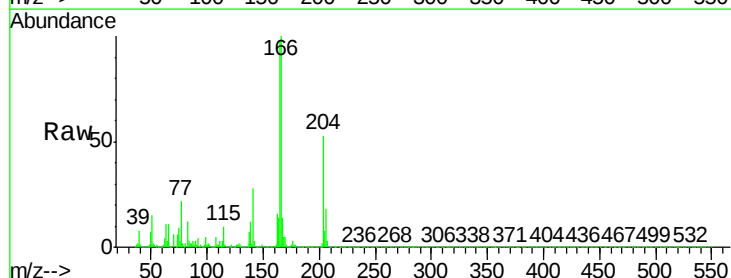
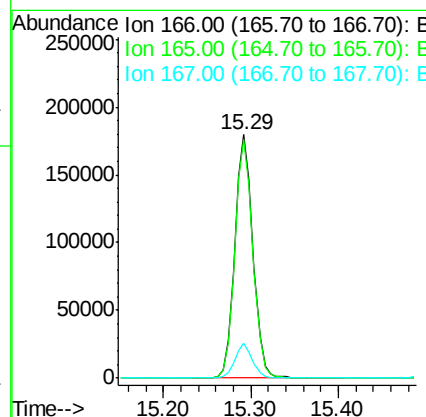
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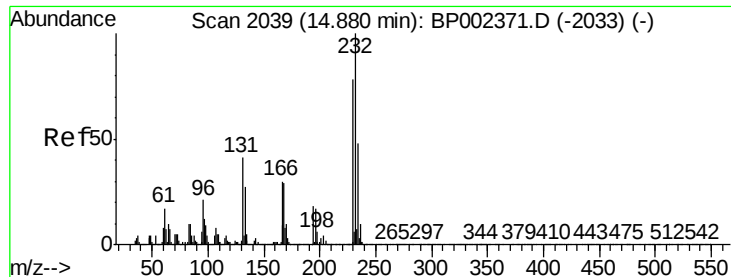
mohammad
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#58
Fluorene
Concen: 9.292 ng
RT: 15.29 min Scan# 2109
Delta R.T. -0.00 min
Lab File: BP002383.D
Acq: 10 Jun 2020 19:59

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.7	79.1	118.7
167	14.2	11.0	16.4





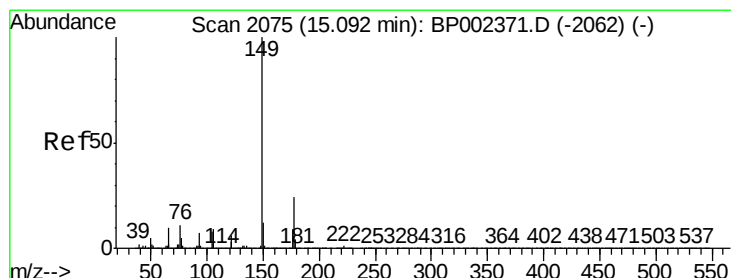
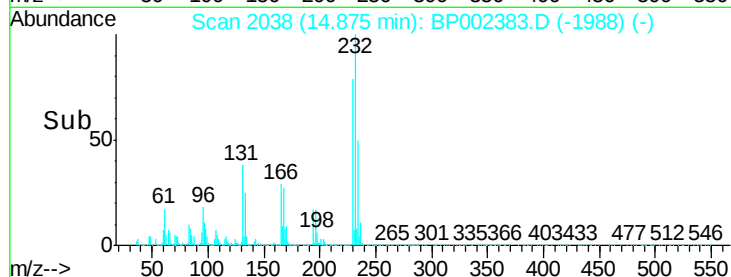
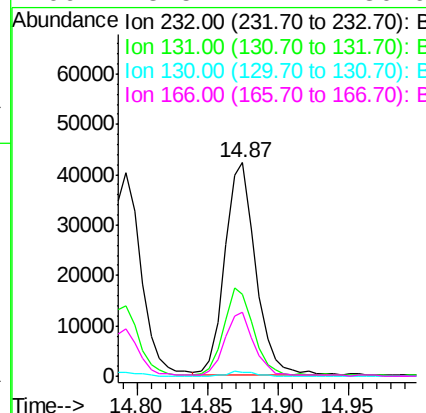
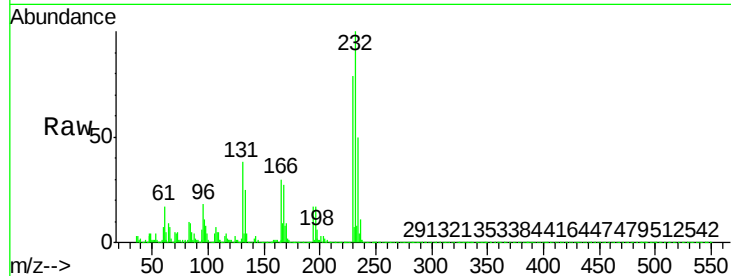
#59
2,3,4,6-Tetrachlorophenol
Concen: 8.681 ng
RT: 14.87 min Scan# 2038
Delta R.T. -0.01 min
Lab File: BP002383.D
Acq: 10 Jun 2020 19:59

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

Tot Ion	Ratio	Lower	Upper
232	100		
131	39.8	35.1	52.7
130	2.3	1.8	2.8
166	28.5	24.4	36.6

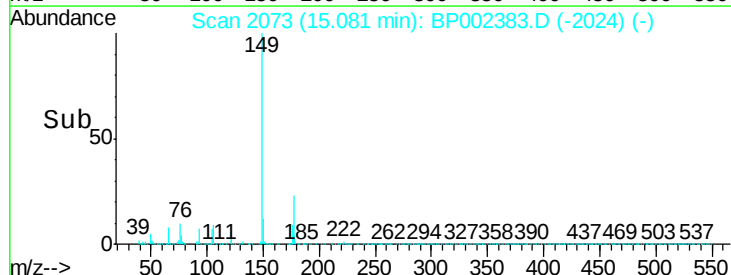
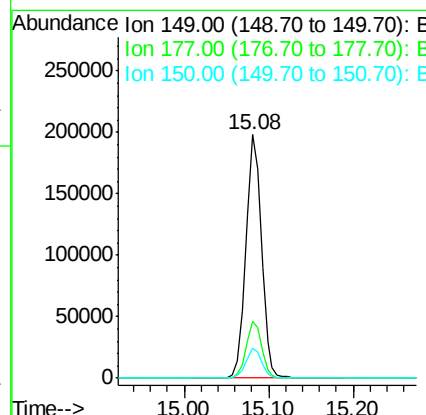
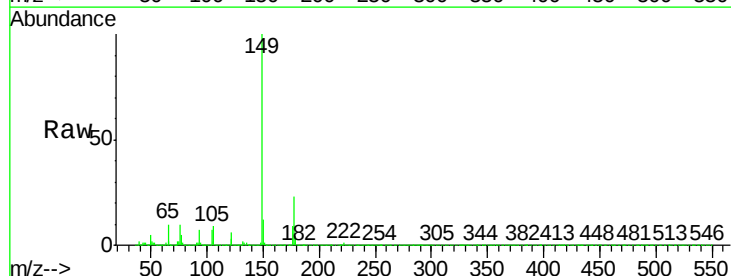
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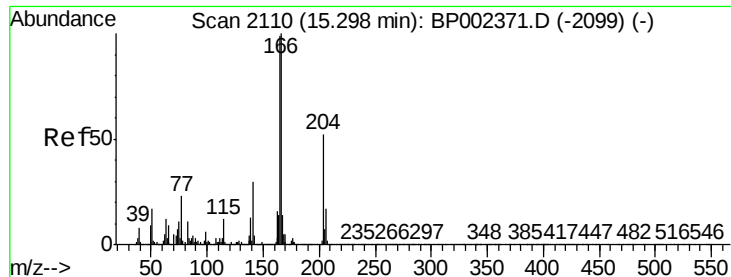
mohammad
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#60
Diethylphthalate
Concen: 8.514 ng
RT: 15.08 min Scan# 2073
Delta R.T. -0.01 min
Lab File: BP002383.D
Acq: 10 Jun 2020 19:59

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.1	18.9	28.3
150	12.4	9.9	14.9





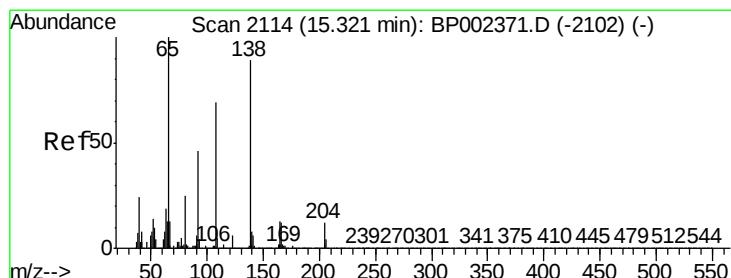
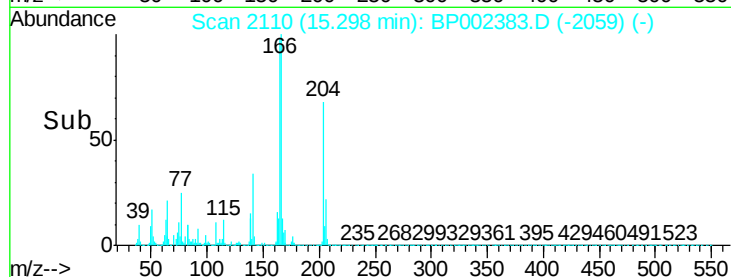
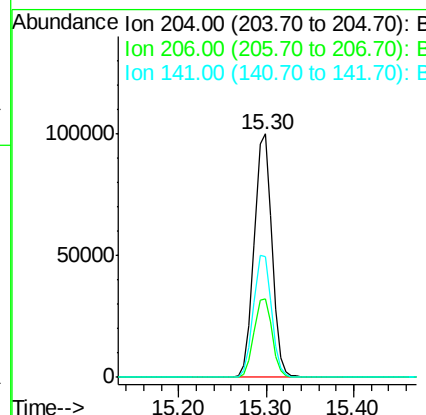
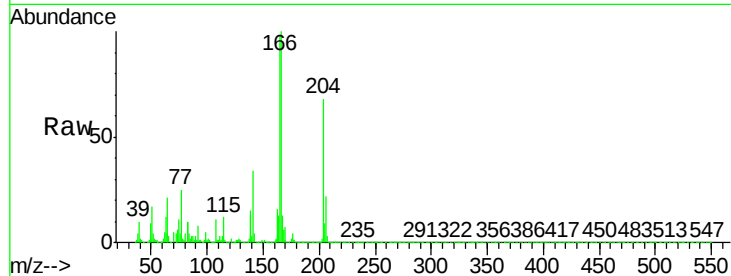
#61
4-Chlorophenyl-phenylether
Concen: 10.292 ng
RT: 15.30 min Scan# 2110
Delta R.T. 0.00 min
Lab File: BP002383.D
Acq: 10 Jun 2020 19:59

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

Tot Ion	Ratio	Resp	Lower	Upper
204	100			
206	32.3	26.8	40.2	
141	49.5	46.6	69.8	

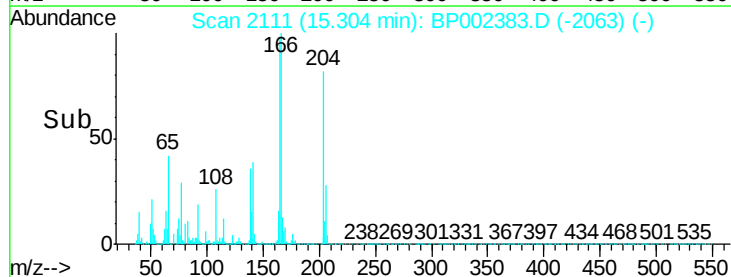
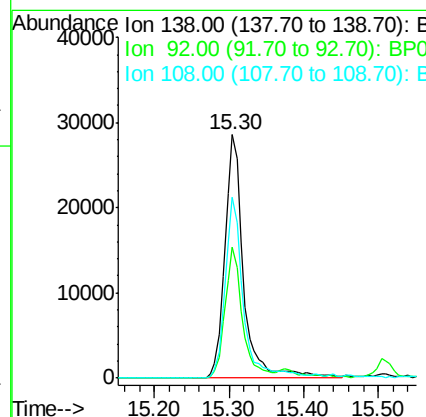
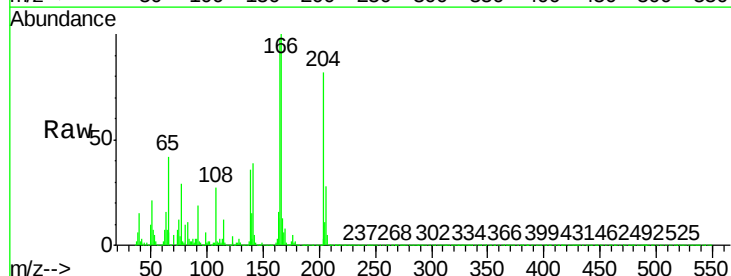
Manual Integrations
APPROVED

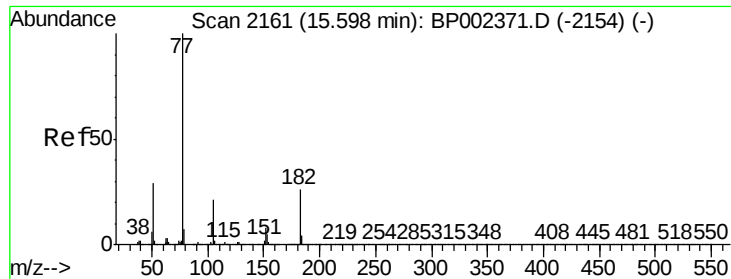
mohammad
6/11/2020 1:49:36 PM



#62
4-Nitroaniline
Concen: 7.123 ng
RT: 15.30 min Scan# 2111
Delta R.T. -0.02 min
Lab File: BP002383.D
Acq: 10 Jun 2020 19:59

Tgt Ion	Ratio	Resp	Lower	Upper
138	100			
92	53.6	31.7	71.7	
108	74.5	57.5	97.5	





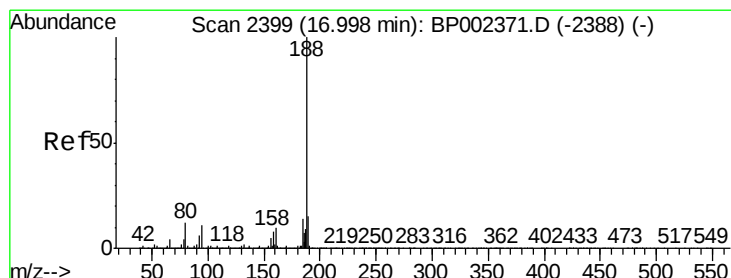
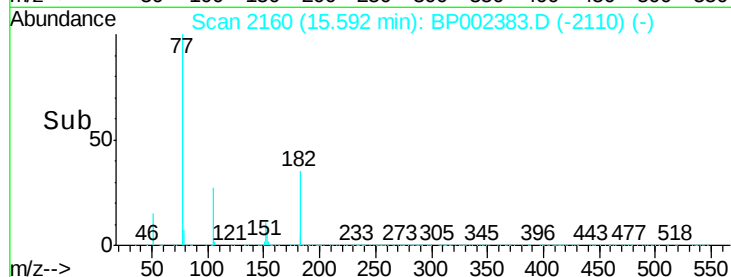
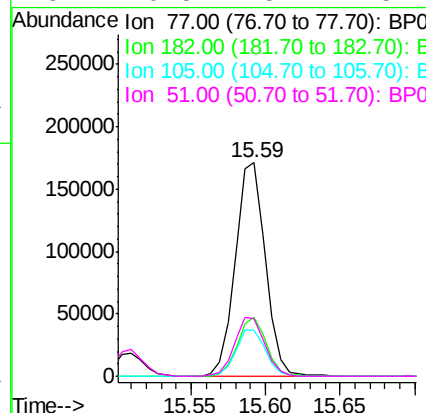
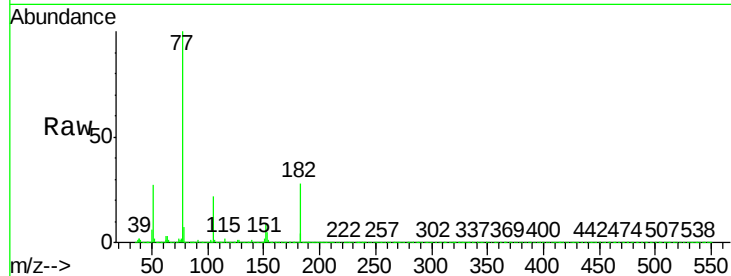
#63
Azobenzene
Concen: 8.207 ng
RT: 15.59 min Scan# 2160
Delta R.T. -0.01 min
Lab File: BP002383.D
Acq: 10 Jun 2020 19:59

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

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	27.7		6.0	46.0	
105	21.7		1.3	41.3	
51	26.8		8.7	48.7	

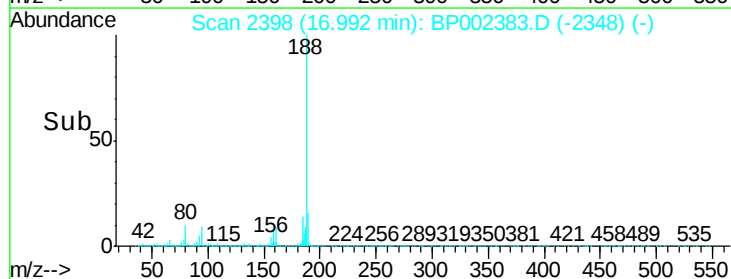
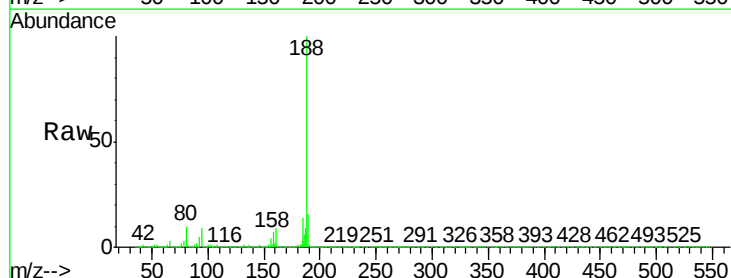
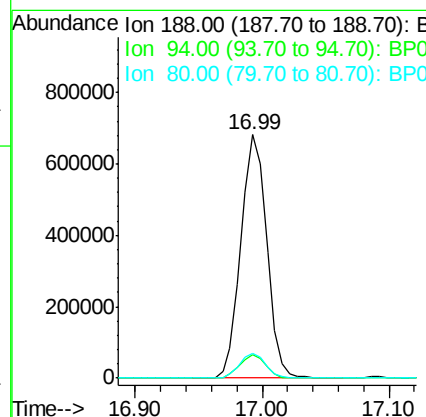
Manual Integrations
APPROVED

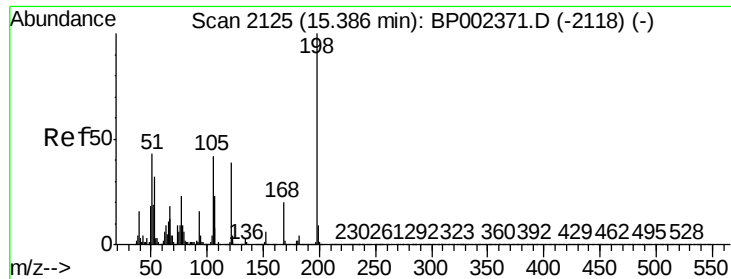
mohammad
6/11/2020 1:49:36 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.99 min Scan# 2398
Delta R.T. -0.01 min
Lab File: BP002383.D
Acq: 10 Jun 2020 19:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	9.4		8.5	12.7	
80	10.0		9.4	14.0	





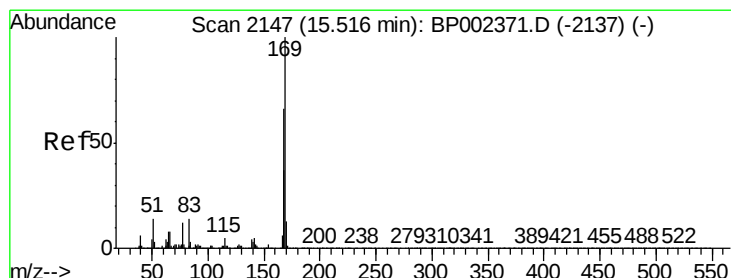
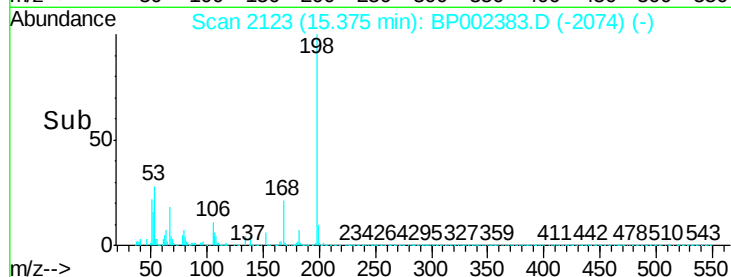
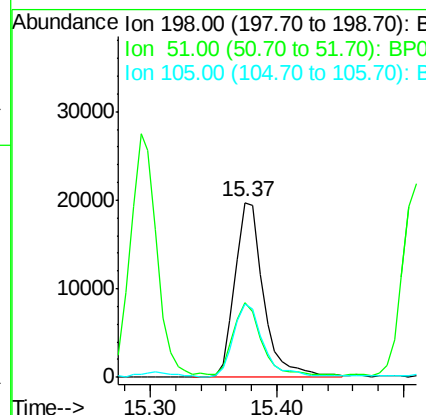
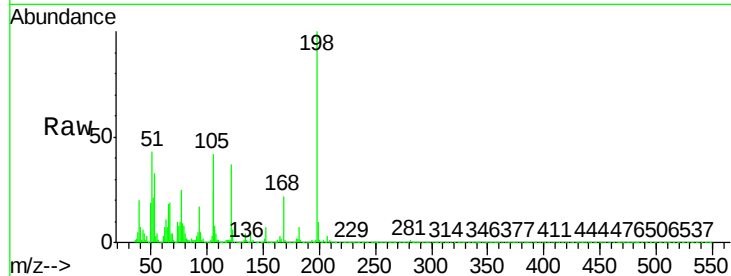
#65
4,6-Dinitro-2-methylphenol
Concen: 6.110 ng
RT: 15.37 min Scan# 2123
Delta R.T. -0.01 min
Lab File: BP002383.D
Acq: 10 Jun 2020 19:59

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

Tot Ion	Ratio	Resp	Lower	Upper
198	100	31056		
51	42.9	23.4	63.4	
105	42.3	22.5	62.5	

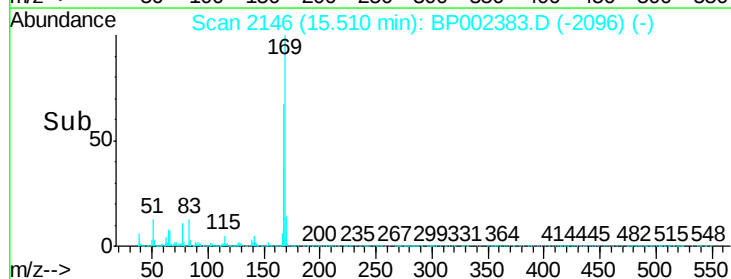
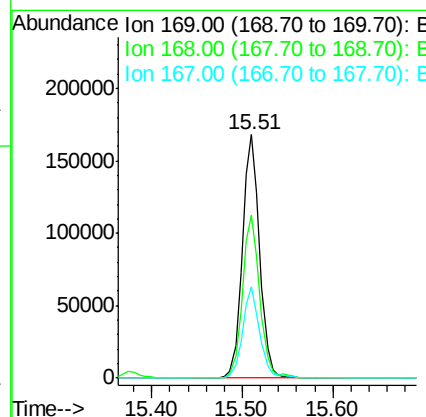
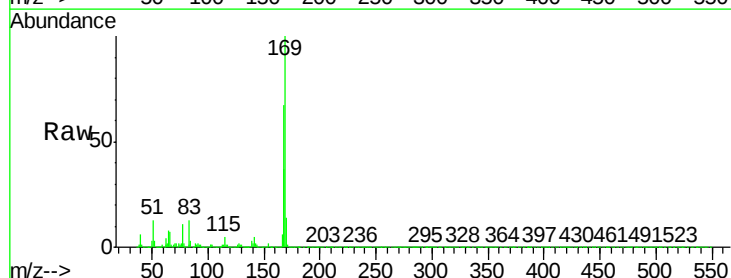
Manual Integrations
APPROVED

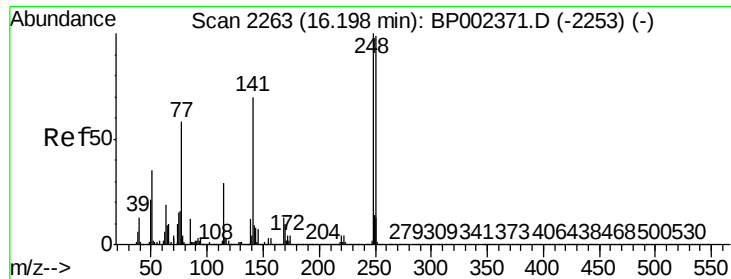
mohammad
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#66
n-Nitrosodiphenylamine
Concen: 9.105 ng
RT: 15.51 min Scan# 2146
Delta R.T. -0.01 min
Lab File: BP002383.D
Acq: 10 Jun 2020 19:59

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	224051		
168	66.9	52.8	79.2	
167	37.4	29.4	44.0	





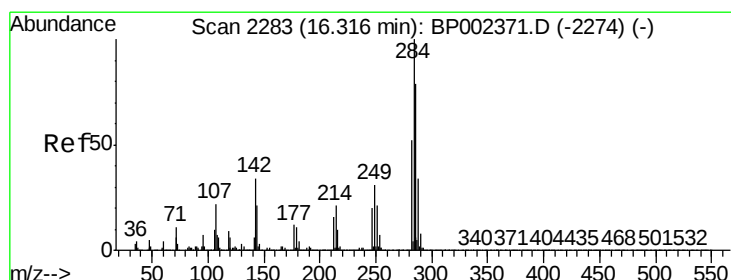
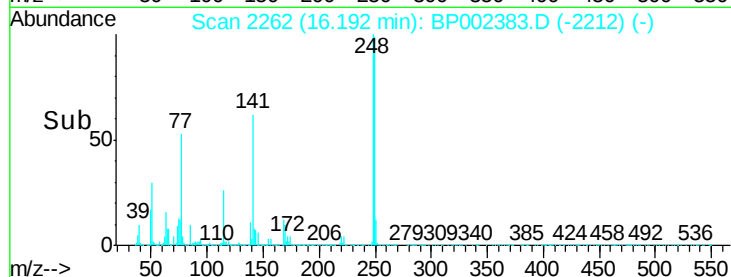
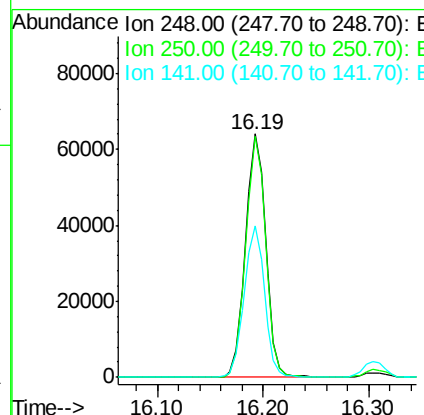
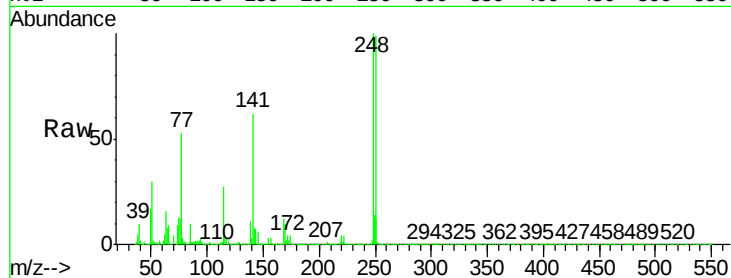
#67
4-Bromophenyl-phenylether
Concen: 9.300 ng
RT: 16.19 min Scan# 2262
Delta R.T. -0.01 min
Lab File: BP002383.D
Acq: 10 Jun 2020 19:59

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

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.8	79.3	118.9
141	62.3	55.7	83.5

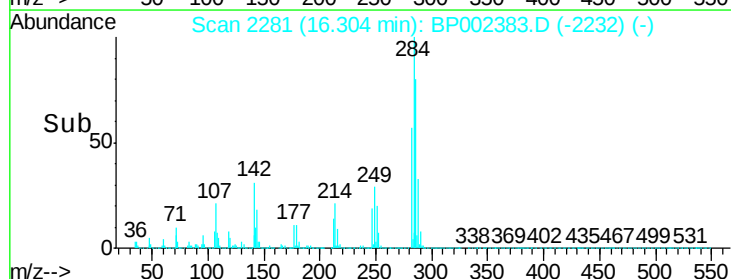
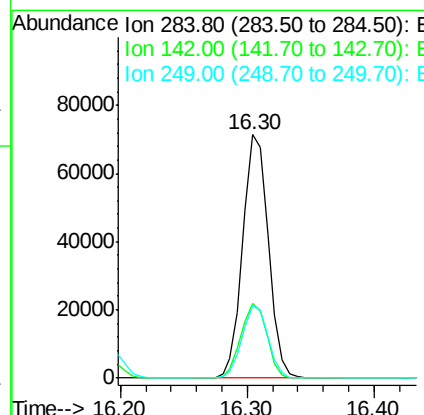
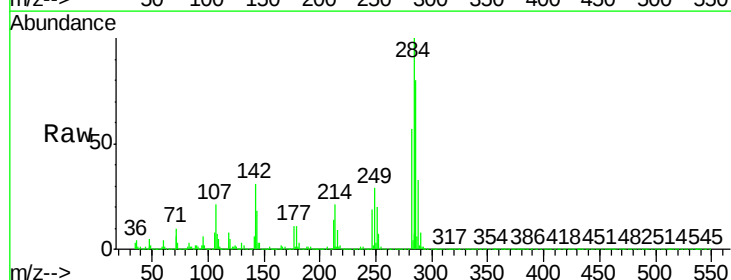
Manual Integrations
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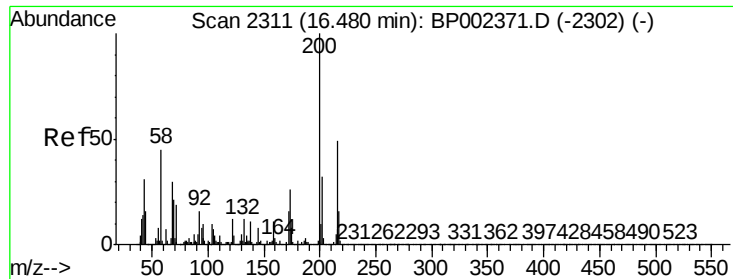
mohammad
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#68
Hexachlorobenzene
Concen: 10.312 ng
RT: 16.30 min Scan# 2281
Delta R.T. -0.01 min
Lab File: BP002383.D
Acq: 10 Jun 2020 19:59

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.6	27.4	41.0
249	29.4	24.9	37.3





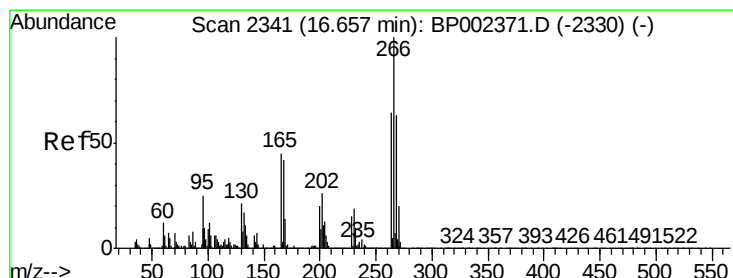
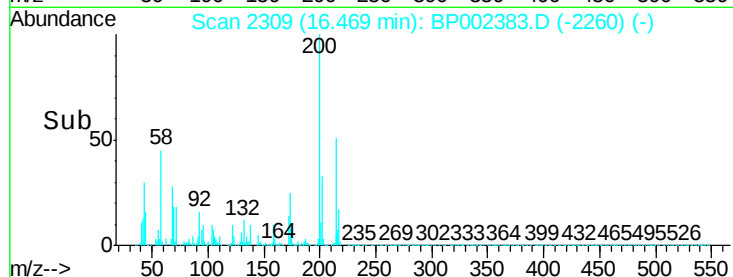
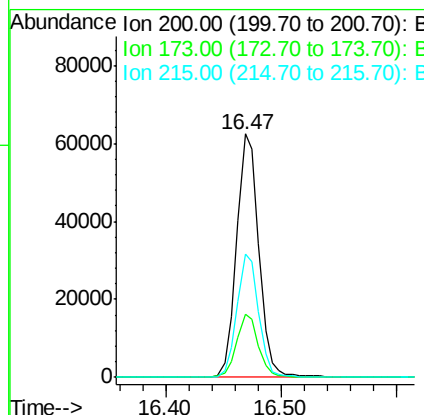
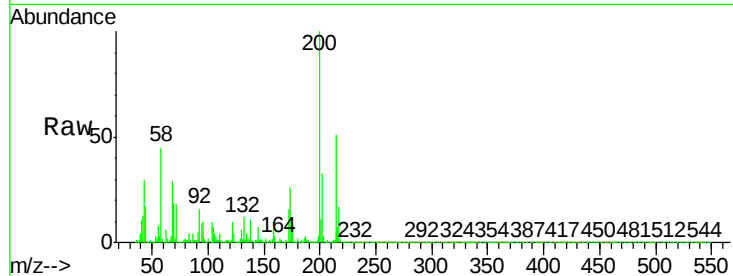
#69
Atrazine
Concen: 10.379 ng
RT: 16.47 min Scan# 2309
Delta R.T. -0.01 min
Lab File: BP002383.D
Acq: 10 Jun 2020 19:59

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

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.0	6.4	46.4
215	50.6	29.3	69.3

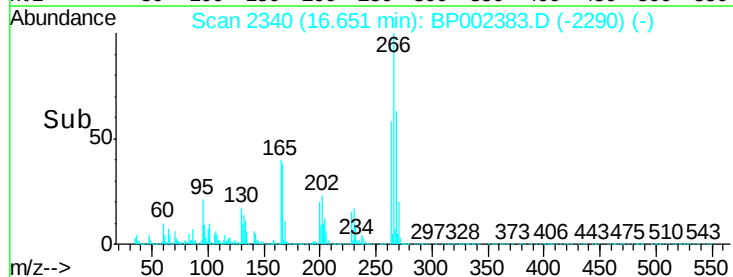
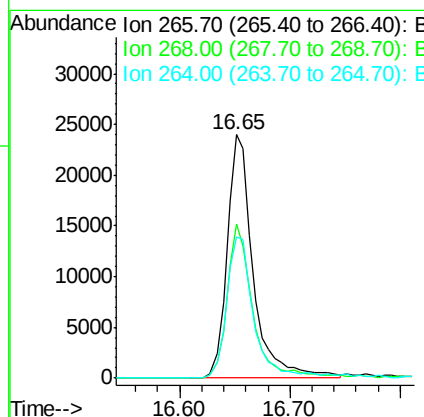
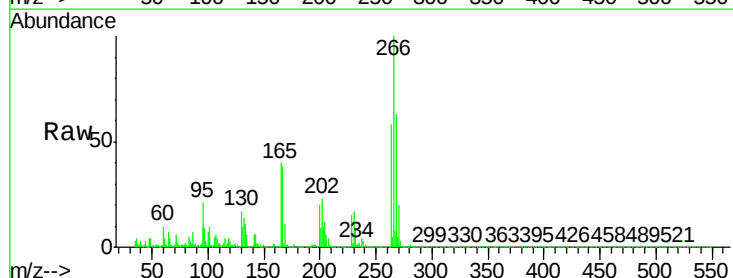
Manual Integrations
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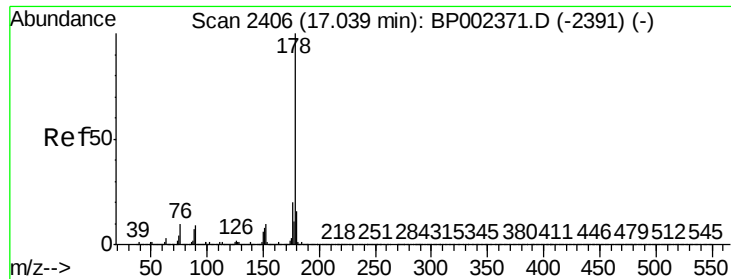
mohammad
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#70
Pentachlorophenol
Concen: 6.826 ng
RT: 16.65 min Scan# 2340
Delta R.T. -0.01 min
Lab File: BP002383.D
Acq: 10 Jun 2020 19:59

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.3	50.5	75.7
264	58.0	51.4	77.0





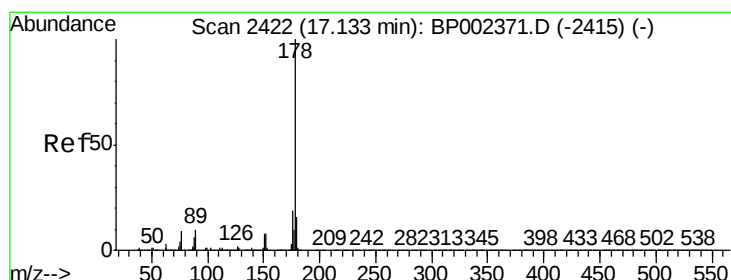
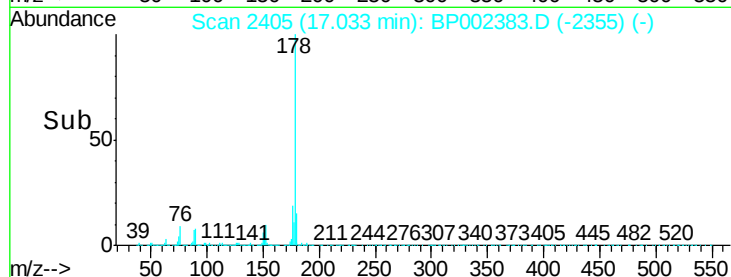
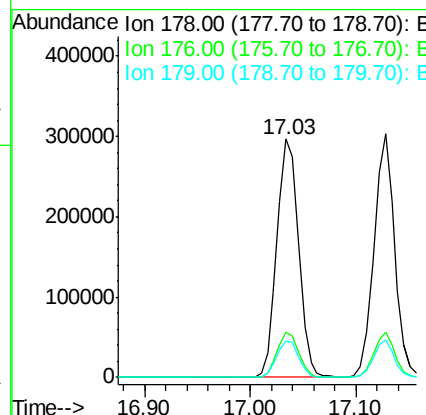
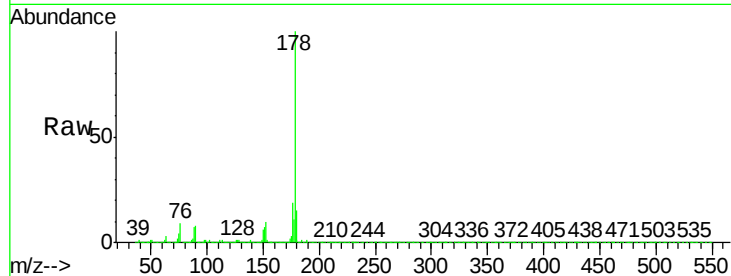
#71
Phenanthrene
Concen: 9.323 ng
RT: 17.03 min Scan# 2405
Delta R.T. -0.01 min
Lab File: BP002383.D
Acq: 10 Jun 2020 19:59

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	15.4	12.5	18.7

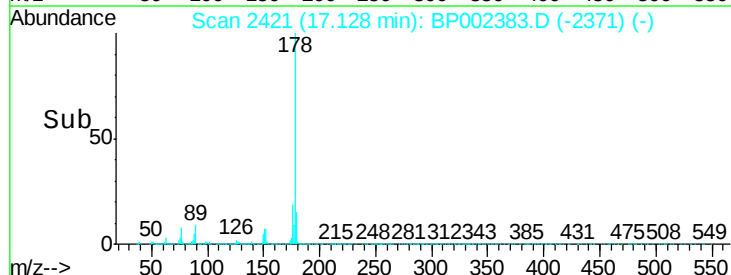
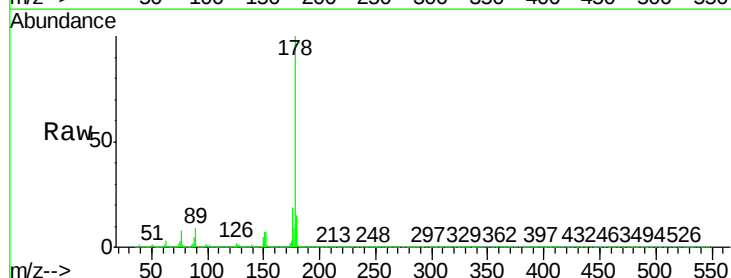
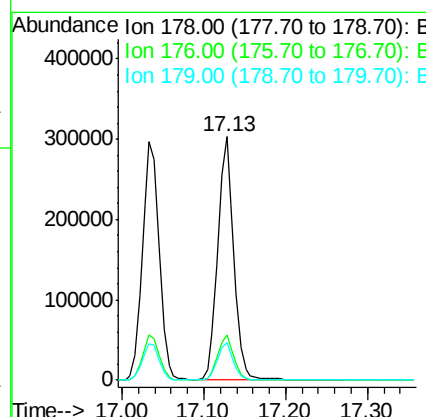
Manual Integrations
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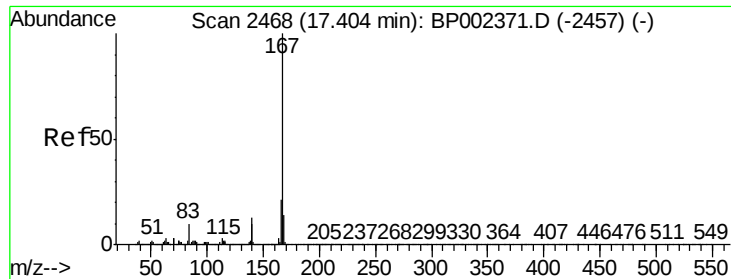
mohammad
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#72
Anthracene
Concen: 9.278 ng
RT: 17.13 min Scan# 2421
Delta R.T. -0.01 min
Lab File: BP002383.D
Acq: 10 Jun 2020 19:59

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.5	23.3
179	15.5	13.0	19.4





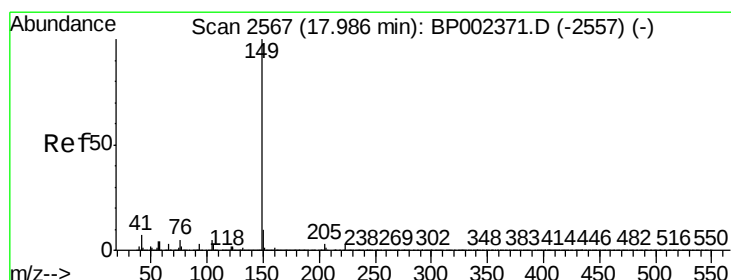
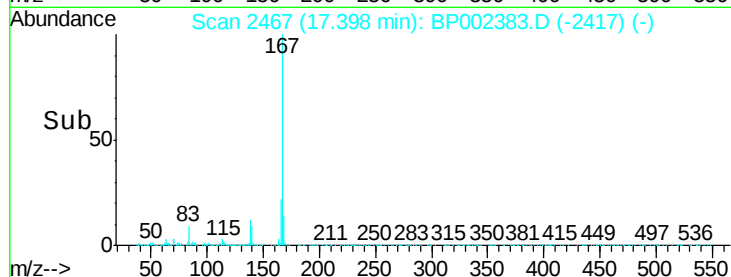
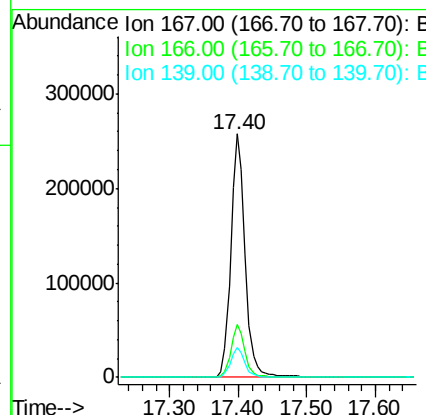
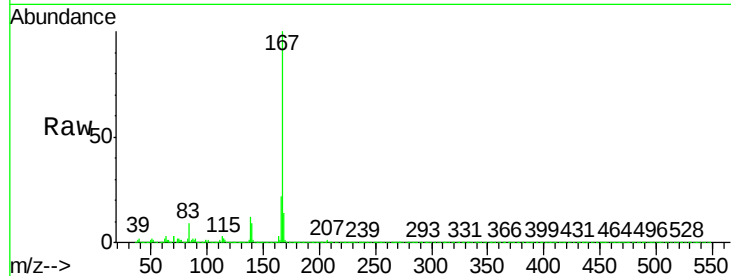
#73
 Carbazole
 Concen: 8.532 ng
 RT: 17.40 min Scan# 2467
 Delta R.T. -0.01 min
 Lab File: BP002383.D
 Acq: 10 Jun 2020 19:59

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

Tot Ion	Ratio	Resp	Lower	Upper
167	100			
166	21.6	17.1	25.7	
139	12.2	10.3	15.5	

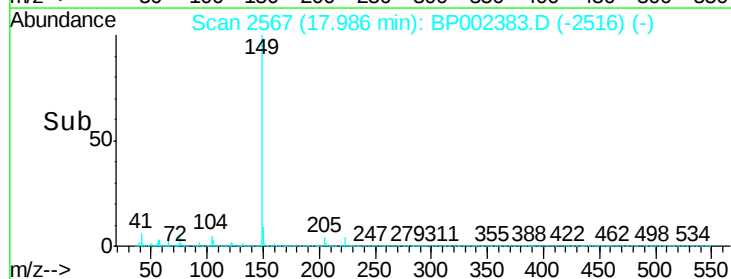
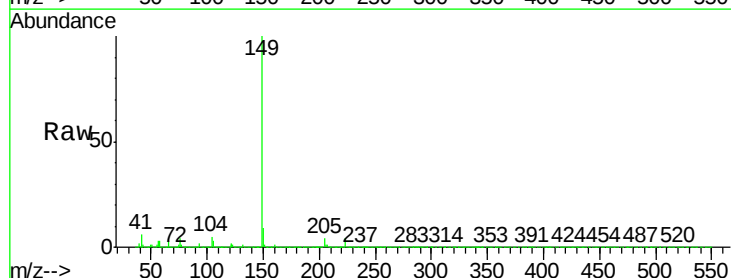
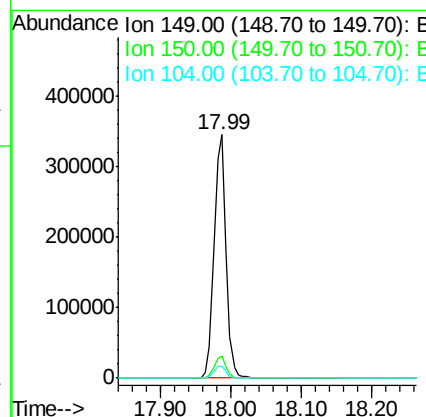
Manual Integrations
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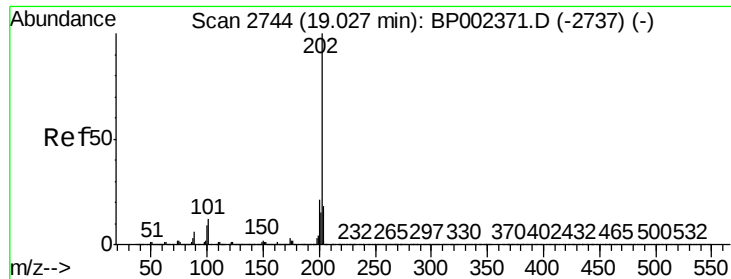
mohammad
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#74
 Di-n-butylphthalate
 Concen: 7.741 ng
 RT: 17.99 min Scan# 2567
 Delta R.T. 0.00 min
 Lab File: BP002383.D
 Acq: 10 Jun 2020 19:59

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
150	9.1	7.7	11.5	
104	4.7	4.3	6.5	





#75

Fluoranthene

Concen: 9.244 ng

RT: 19.02 min Scan# 2742

Delta R.T. -0.01 min

Lab File: BP002383.D

Acq: 10 Jun 2020 19:59

Instrument :

BNA_P

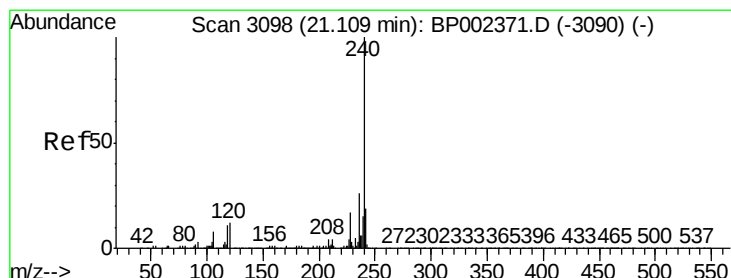
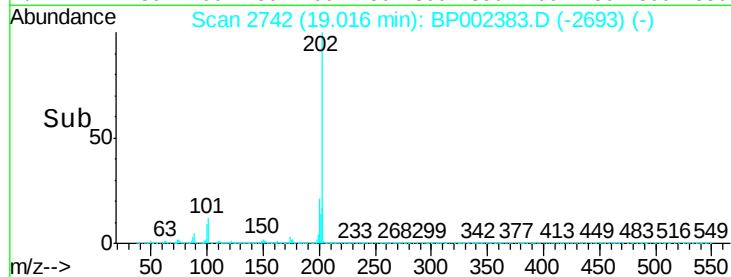
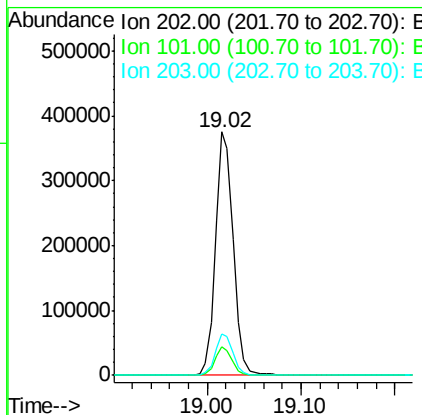
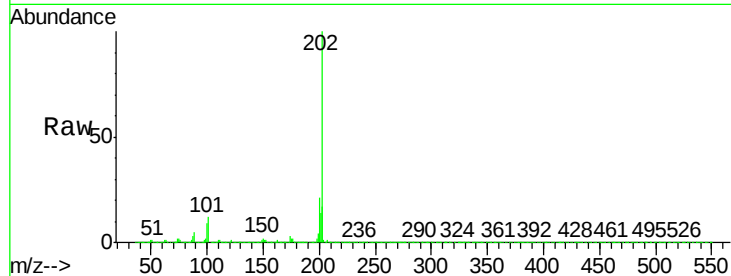
ClientSampleId :

LOD-MDL-SOIL-01-QT1-2020

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	11.6	0.0	31.8
203	17.2	0.0	38.0

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

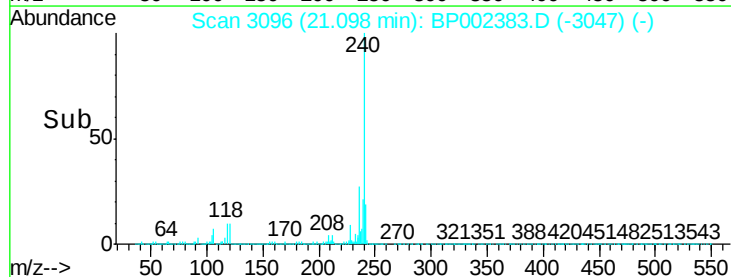
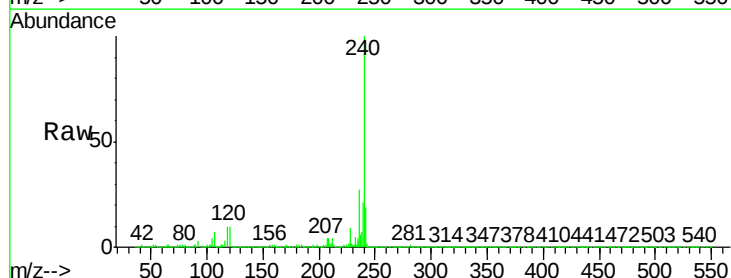
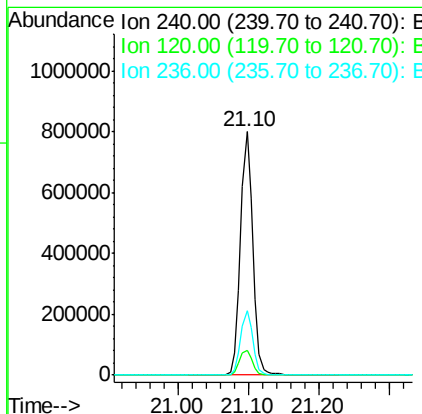
RT: 21.10 min Scan# 3096

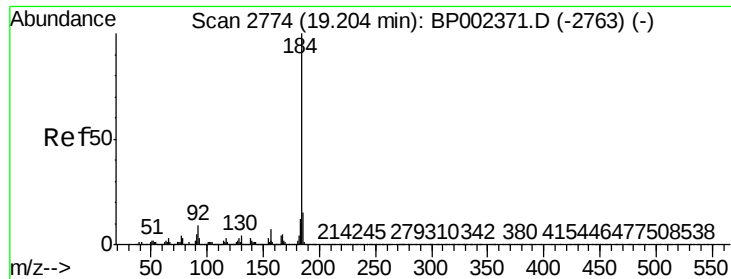
Delta R.T. -0.01 min

Lab File: BP002383.D

Acq: 10 Jun 2020 19:59

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	10.4	9.3	13.9
236	26.6	21.0	31.6





#77

Benzidine

Concen: 10.261 ng

RT: 19.20 min Scan# 2774

Delta R.T. 0.00 min

Lab File: BP002383.D

Acq: 10 Jun 2020 19:59

Instrument :

BNA_P

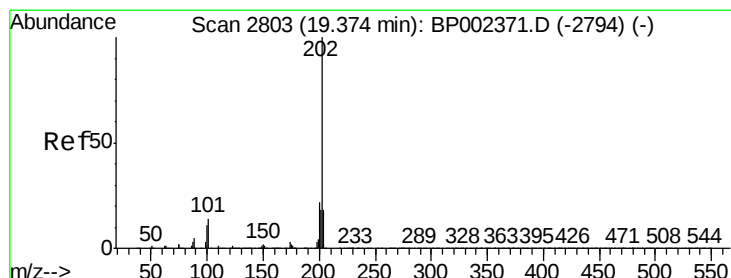
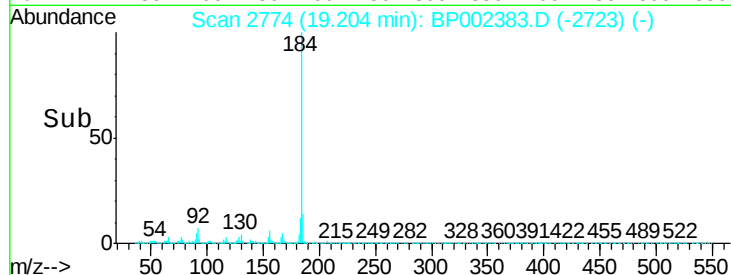
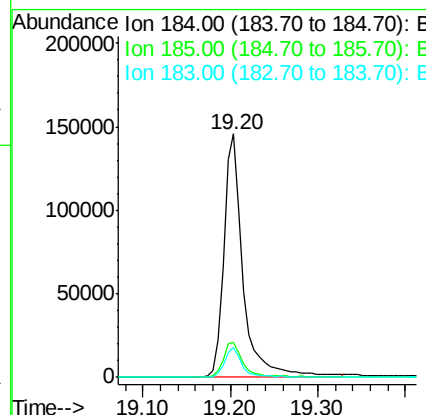
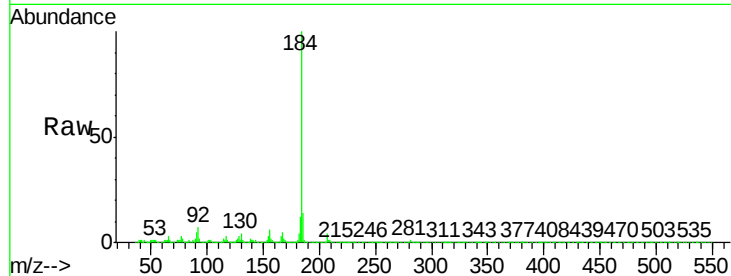
ClientSampleId :

LOD-MDL-SOIL-01-QT1-2020

Tot Ion:	184	Resp:	222001
Ion Ratio	Lower	Upper	
184	100		
185	14.4	11.8	17.8
183	12.4	9.2	13.8

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#78

Pyrene

Concen: 8.902 ng

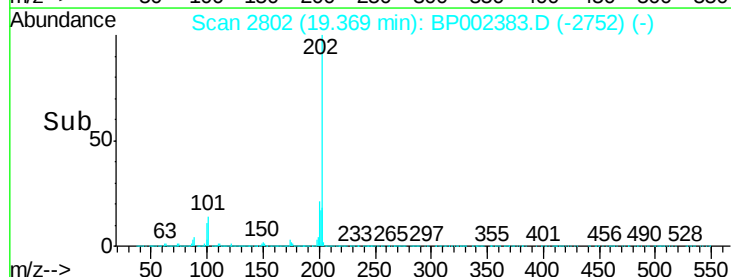
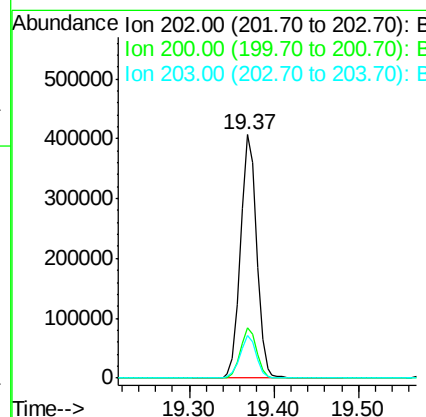
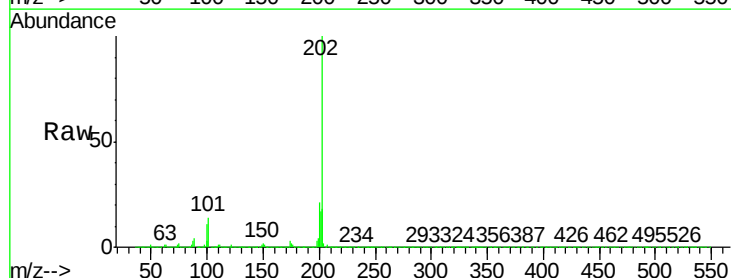
RT: 19.37 min Scan# 2802

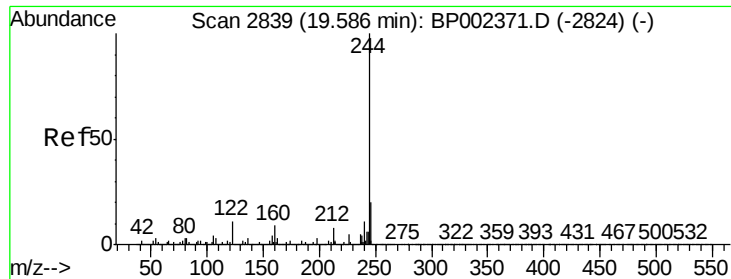
Delta R.T. -0.01 min

Lab File: BP002383.D

Acq: 10 Jun 2020 19:59

Tgt Ion:	202	Resp:	527996
Ion Ratio	Lower	Upper	
202	100		
200	20.6	17.7	26.5
203	17.7	14.6	22.0





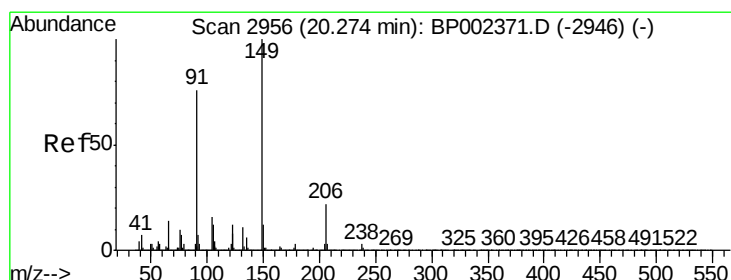
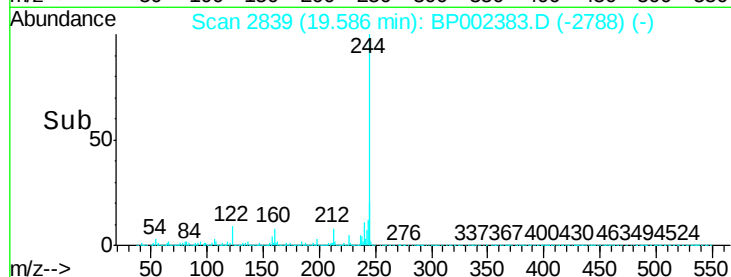
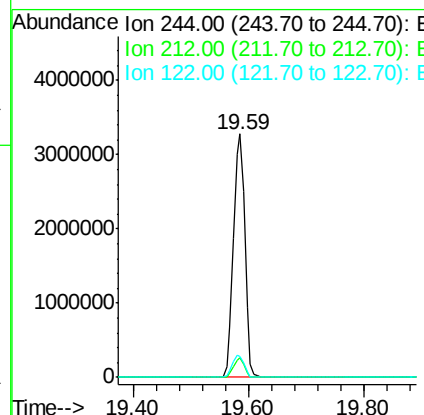
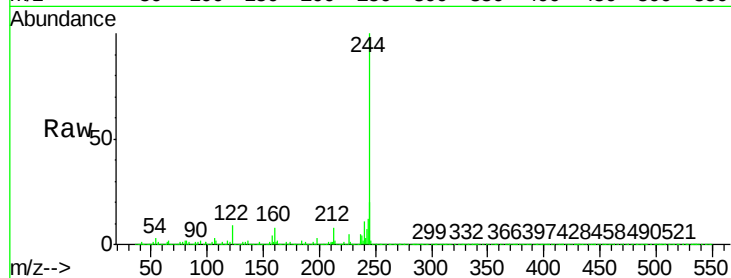
#79
 Terphenyl-d14
 Concen: 121.581 ng
 RT: 19.59 min Scan# 2839
 Delta R.T. 0.00 min
 Lab File: BP002383.D
 Acq: 10 Jun 2020 19:59

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

Tot Ion:244 Resp: 4492834
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.6 10.0
 122 8.8 8.8 13.2

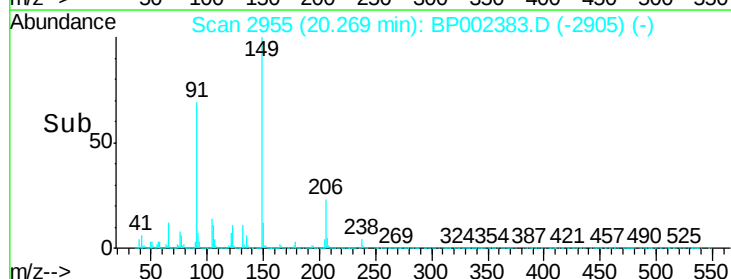
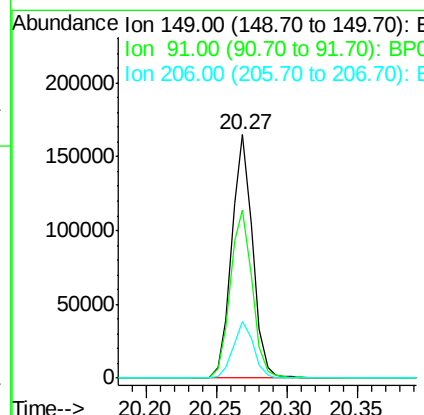
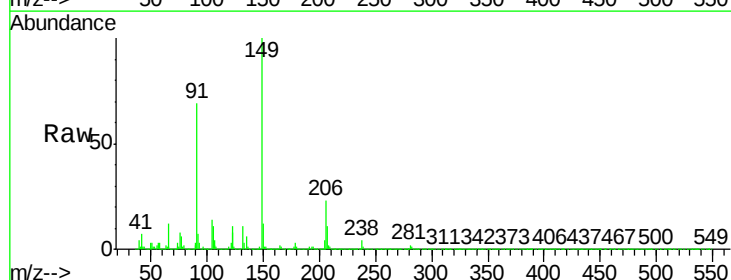
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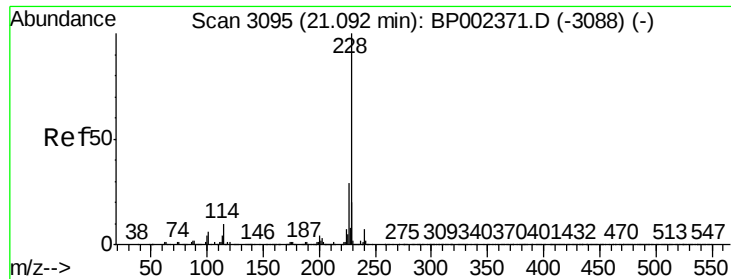
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#80
 Butylbenzylphthalate
 Concen: 6.410 ng
 RT: 20.27 min Scan# 2955
 Delta R.T. -0.01 min
 Lab File: BP002383.D
 Acq: 10 Jun 2020 19:59

Tgt Ion:149 Resp: 168988
 Ion Ratio Lower Upper
 149 100
 91 68.9 61.2 91.8
 206 23.1 17.8 26.6





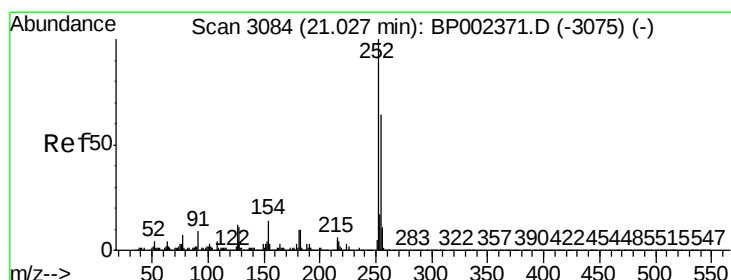
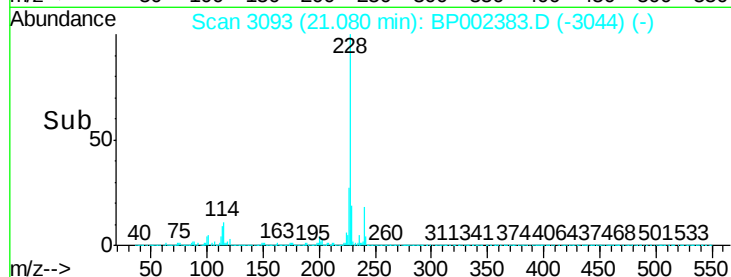
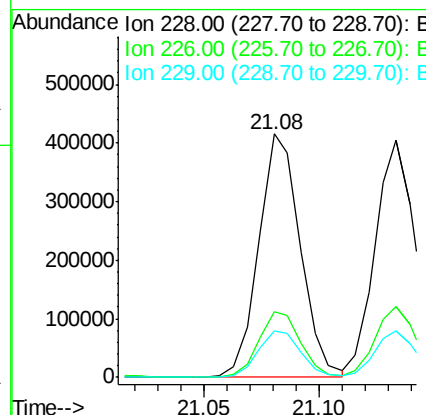
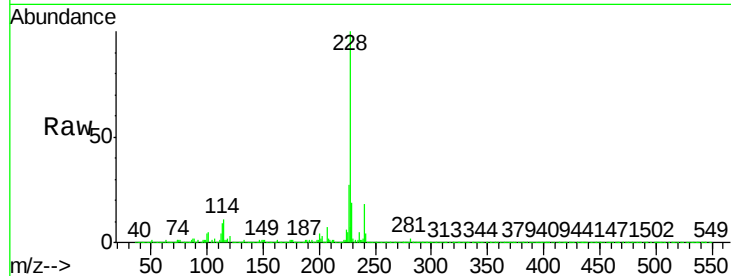
#81
Benzo(a)anthracene
Concen: 9.417 ng
RT: 21.08 min Scan# 3093
Delta R.T. -0.01 min
Lab File: BP002383.D
Acq: 10 Jun 2020 19:59

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

Tot Ion	Ratio	Lower	Upper
228	100		
226	26.9	22.8	34.2
229	18.9	16.2	24.2

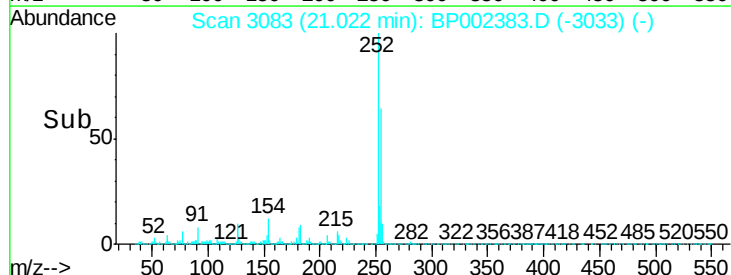
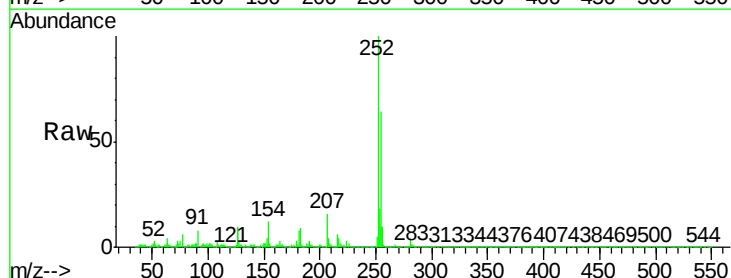
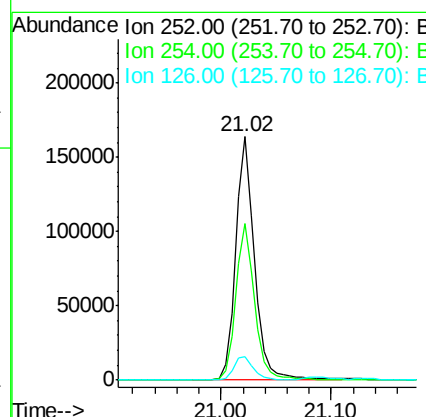
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#82
3,3'-Dichlorobenzidine
Concen: 9.537 ng
RT: 21.02 min Scan# 3083
Delta R.T. -0.01 min
Lab File: BP002383.D
Acq: 10 Jun 2020 19:59

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.1	51.4	77.2
126	9.7	9.2	13.8





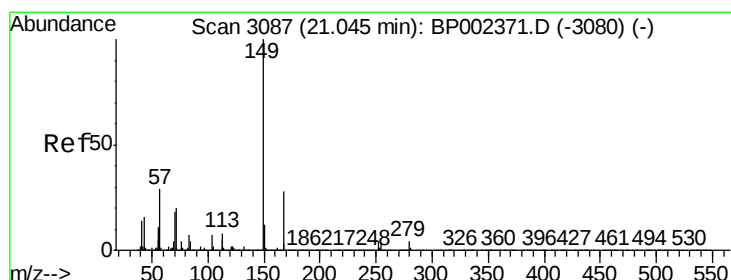
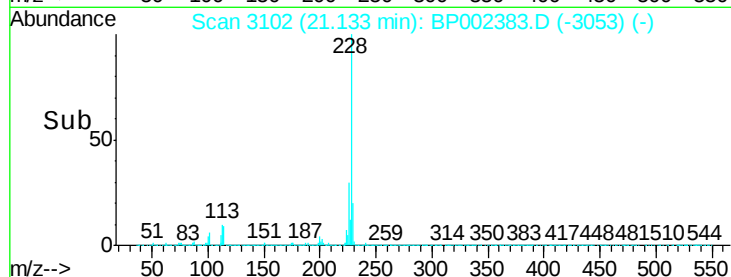
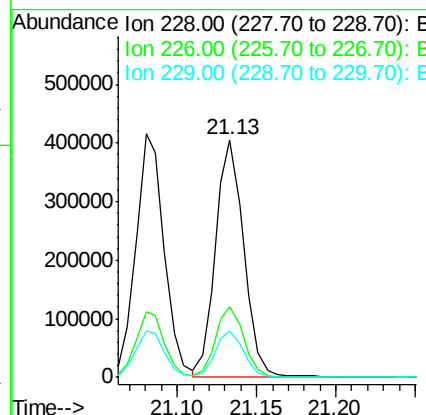
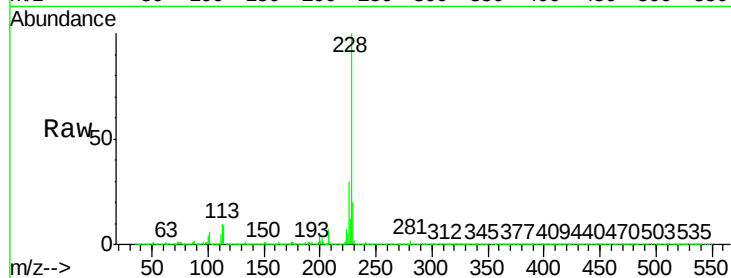
#83
Chrysene
Concen: 9.542 ng
RT: 21.13 min Scan# 3102
Delta R.T. -0.01 min
Lab File: BP002383.D
Acq: 10 Jun 2020 19:59

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

Tot Ion:	228	Resp:	499667
Ion Ratio	Lower	Upper	
228	100		
226	29.6	25.2	37.8
229	19.7	16.1	24.1

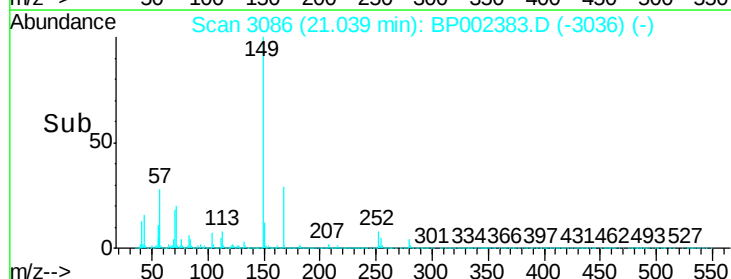
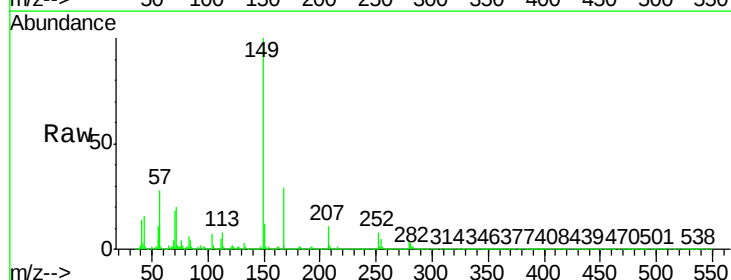
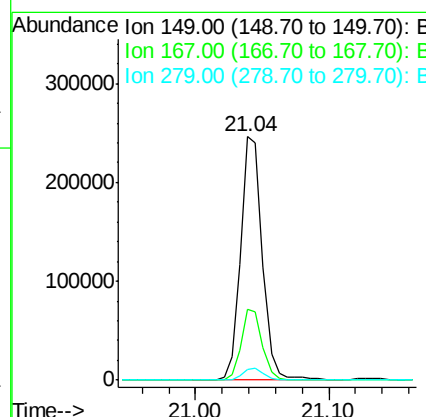
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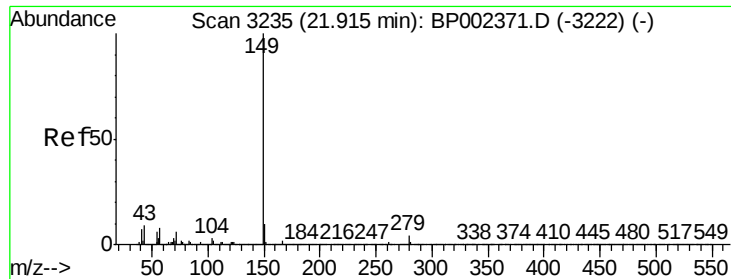
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#84
Bis(2-ethylhexyl)phthalate
Concen: 7.250 ng
RT: 21.04 min Scan# 3086
Delta R.T. -0.01 min
Lab File: BP002383.D
Acq: 10 Jun 2020 19:59

Tgt Ion:	149	Resp:	278050
Ion Ratio	Lower	Upper	
149	100		
167	29.0	22.3	33.5
279	4.4	3.2	4.8





#85

Di-n-octyl phthalate

Concen: 6.743 ng

RT: 21.91 min Scan# 3234

Delta R.T. -0.01 min

Lab File: BP002383.D

Acq: 10 Jun 2020 19:59

Instrument :

BNA_P

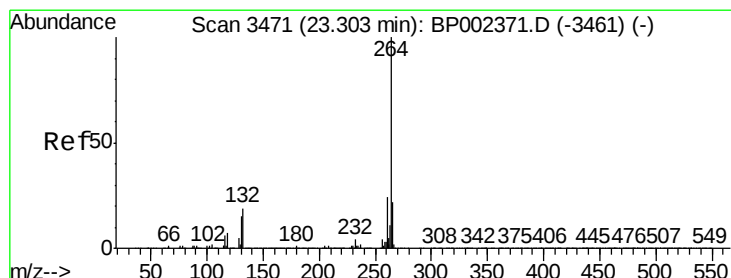
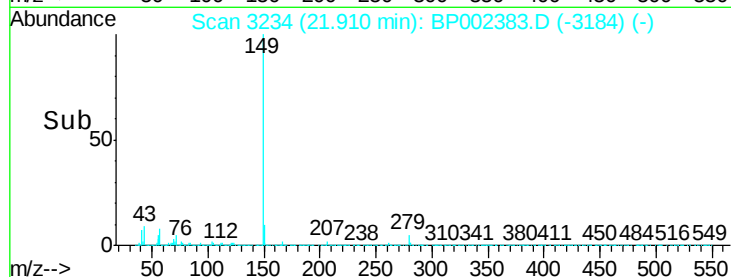
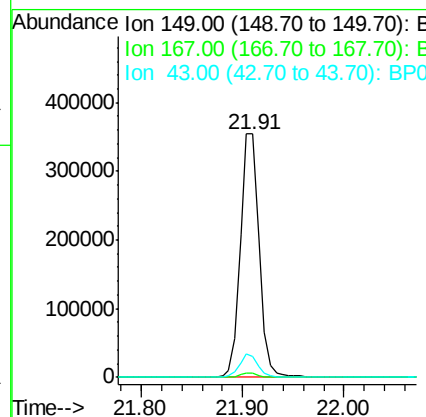
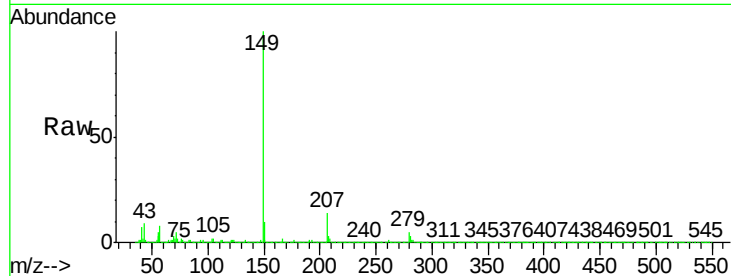
ClientSampleId :

LOD-MDL-SOIL-01-QT1-2020

Tot Ion:	149	Resp:	453544
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.3	1.9
43	9.4	7.8	11.6

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#86

Perylene-d12

Concen: 20.000 ng

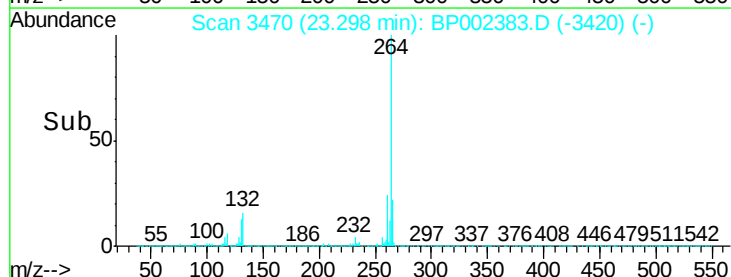
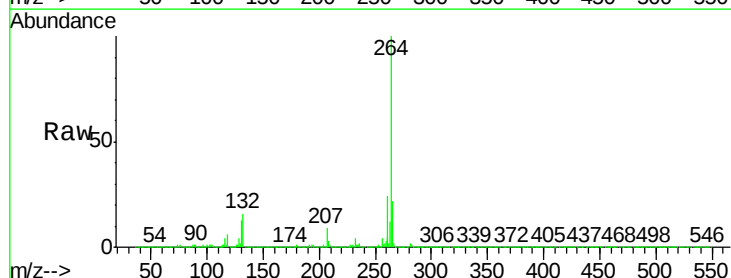
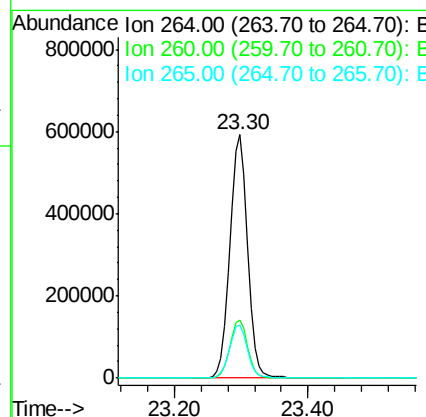
RT: 23.30 min Scan# 3470

Delta R.T. -0.01 min

Lab File: BP002383.D

Acq: 10 Jun 2020 19:59

Tgt Ion:	264	Resp:	1115167
Ion Ratio	Lower	Upper	
264	100		
260	24.0	19.4	29.0
265	21.9	17.4	26.2





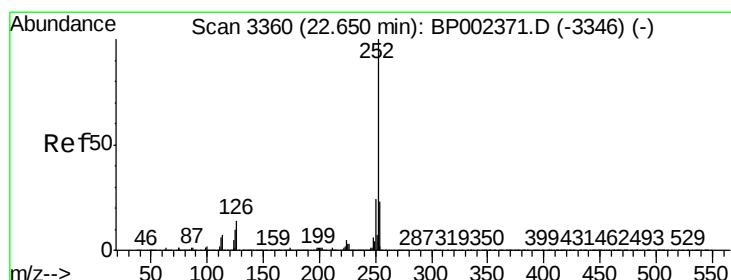
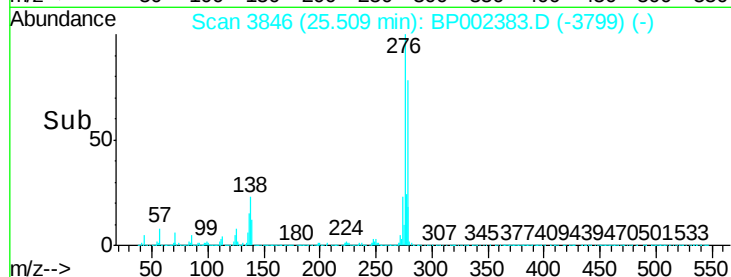
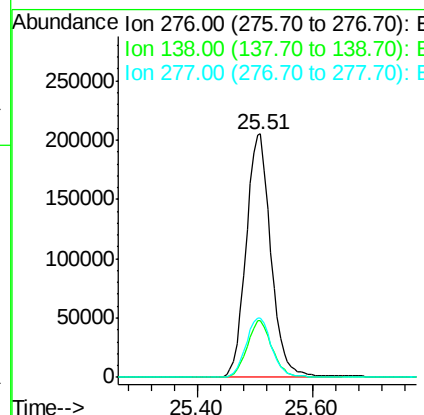
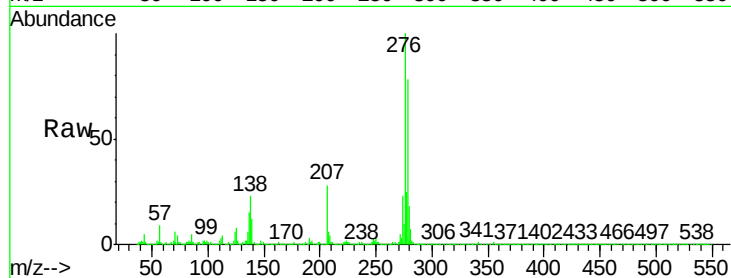
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 8.792 ng
 RT: 25.51 min Scan# 3846
 Delta R.T. -0.02 min
 Lab File: BP002383.D
 Acq: 10 Jun 2020 19:59

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

Tot Ion	Ratio	Lower	Upper
276	100		
138	23.5	21.2	31.8
277	25.2	20.3	30.5

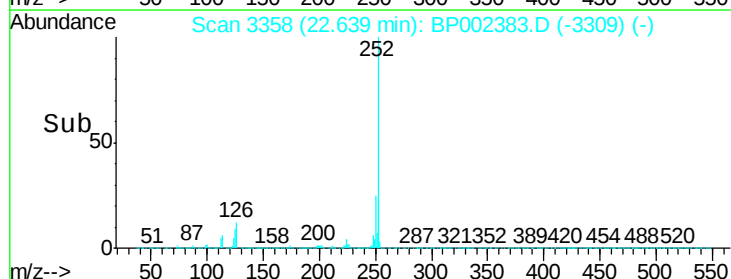
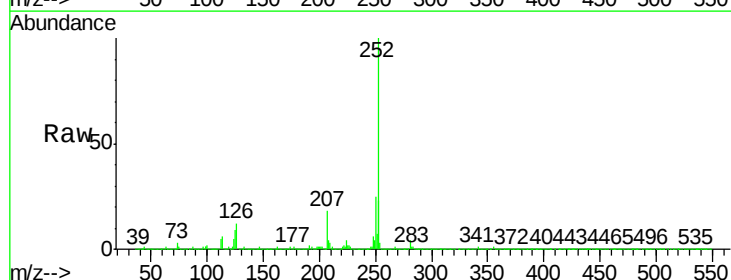
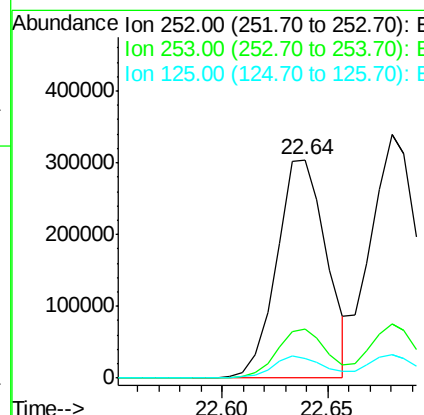
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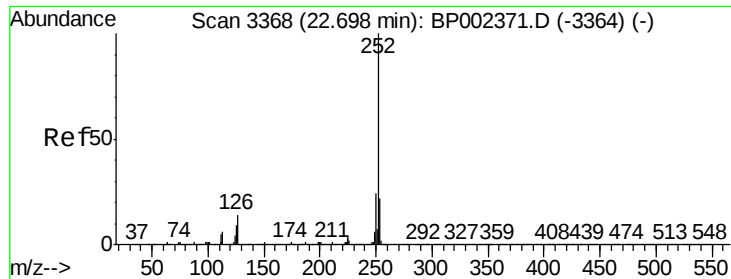
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#88
 Benzo(b)fluoranthene
 Concen: 8.264 ng
 RT: 22.64 min Scan# 3358
 Delta R.T. -0.01 min
 Lab File: BP002383.D
 Acq: 10 Jun 2020 19:59

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.1	27.1
125	9.2	8.2	12.2





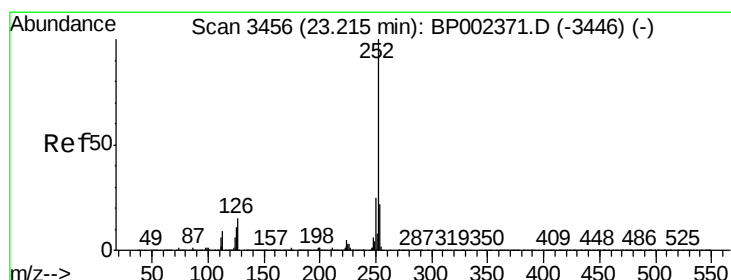
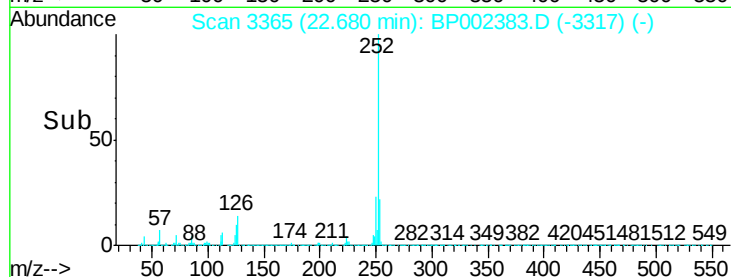
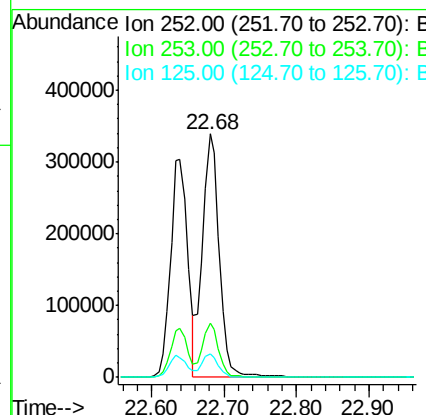
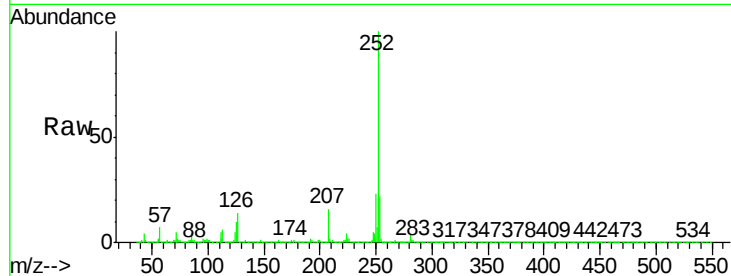
#89
Benzo(k)fluoranthene
Concen: 9.522 ng
RT: 22.68 min Scan# 3365
Delta R.T. -0.02 min
Lab File: BP002383.D
Acq: 10 Jun 2020 19:59

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	9.7	7.8	11.8

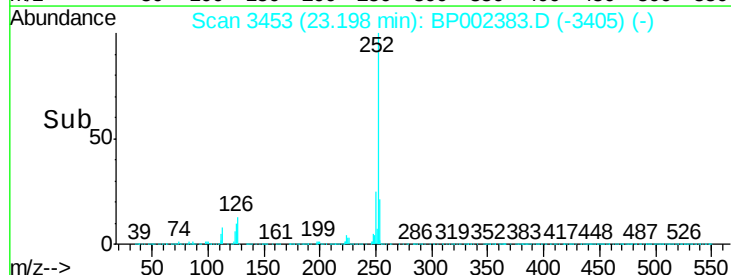
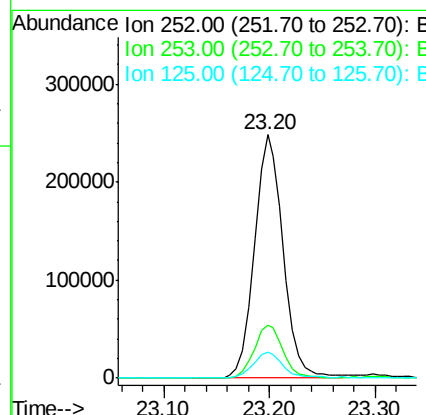
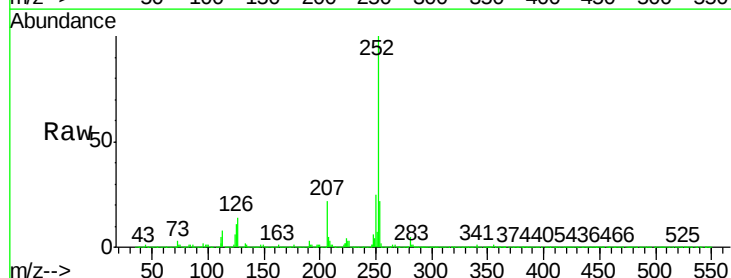
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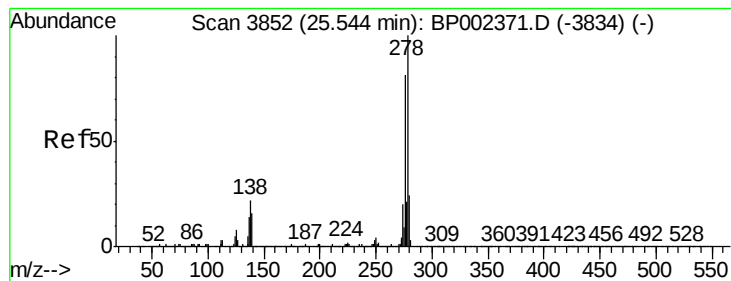
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#90
Benzo(a)pyrene
Concen: 8.268 ng
RT: 23.20 min Scan# 3453
Delta R.T. -0.02 min
Lab File: BP002383.D
Acq: 10 Jun 2020 19:59

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.8	26.8
125	10.5	9.2	13.8





#91

Dibenzo(a,h)anthracene

Concen: 9.262 ng

RT: 25.52 min Scan# 3848

Delta R.T. -0.02 min

Lab File: BP002383.D

Acq: 10 Jun 2020 19:59

Instrument :

BNA_P

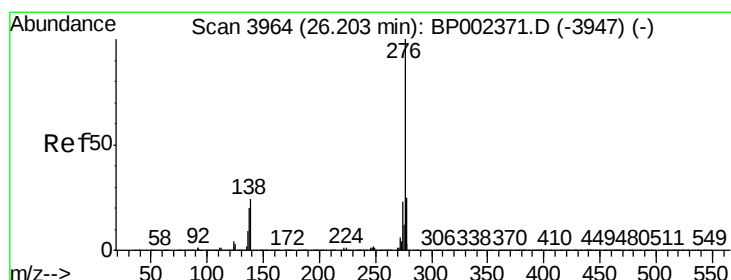
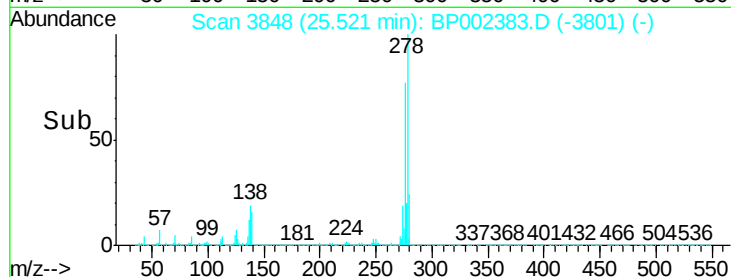
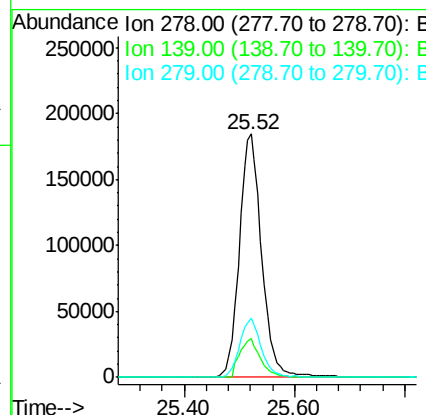
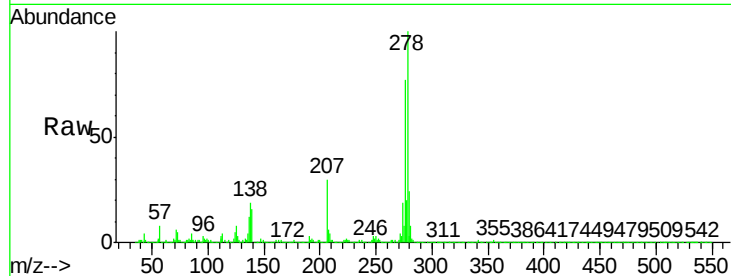
ClientSampleId :

LOD-MDL-SOIL-01-QT1-2020

Tot Ion:	278	Resp:	518194
Ion Ratio	Lower	Upper	
278	100		
139	16.0	13.1	19.7
279	24.2	18.9	28.3

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#92

Benzo(g,h,i)perylene

Concen: 8.926 ng

RT: 26.17 min Scan# 3959

Delta R.T. -0.03 min

Lab File: BP002383.D

Acq: 10 Jun 2020 19:59

Tgt Ion:	276	Resp:	517234
Ion Ratio	Lower	Upper	
276	100		
277	23.6	19.8	29.6
138	20.3	19.2	28.8

