

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP061220\
 Data File : BP002401.D
 Acq On : 12 Jun 2020 16:48
 Operator : CG/JU
 Sample : L2182-01
 Misc : MDL-MDL-S-8PPM
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2020

Manual Integrations
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mohammad
 6/15/2020 8:47:09 AM

Quant Time: Jun 12 17:37:28 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP060520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 12 16:44:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	156933	20.00	ng	0.00
21) Naphthalene-d8	10.36	136	623064	20.00	ng	0.00
39) Acenaphthene-d10	14.23	164	383484	20.00	ng	0.00
64) Phenanthrene-d10	16.99	188	809041	20.00	ng	0.00
76) Chrysene-d12	21.10	240	771283	20.00	ng	-0.01
86) Perylene-d12	23.30	264	854176	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.20	112	1385888	163.41	ng	0.00
7) Phenol-d6	6.78	99	1902639	168.50	ng	0.00
23) Nitrobenzene-d5	8.73	82	1277836	122.48	ng	0.00
42) 2,4,6-Tribromophenol	15.73	330	671276	182.83	ng	0.00
45) 2-Fluorobiphenyl	12.86	172	2556930	112.11	ng	0.00
79) Terphenyl-d14	19.59	244	3434688	116.68	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.16	88	34315	8.784	ng	99
3) Pyridine	3.55	79	78154	7.361	ng	97
4) n-Nitrosodimethylamine	3.46	42	34744	7.940	ng	98
6) Aniline	6.92	93	127927	8.331	ng	99
8) 2-Chlorophenol	7.16	128	78290	8.210	ng	98
9) Benzaldehyde	6.73	77	76009	13.175	ng	96
10) Phenol	6.80	94	102394	8.361	ng	99
11) bis(2-Chloroethyl)ether	7.02	93	83532	8.170	ng	96
12) 1,3-Dichlorobenzene	7.48	146	86528	7.880	ng	98
13) 1,4-Dichlorobenzene	7.62	146	89214	8.075	ng	98
14) 1,2-Dichlorobenzene	7.94	146	85037	8.035	ng	97
15) Benzyl Alcohol	7.83	79	63655	7.273	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.12	45	114677	7.905	ng	100
17) 2-Methylphenol	8.03	107	66542	7.436	ng	96
18) Hexachloroethane	8.66	117	31236	7.761	ng	93
19) n-Nitroso-di-n-propylamine	8.39	70	65660	8.700	ng	98
20) 3+4-Methylphenols	8.36	107	88944	7.365	ng	96
22) Acetophenone	8.40	105	130631	9.332	ng	98
24) Nitrobenzene	8.78	77	101012	9.007	ng	98
25) Isophorone	9.30	82	175853	8.276	ng	99
26) 2-Nitrophenol	9.48	139	37255	7.455	ng	100
27) 2,4-Dimethylphenol	9.56	122	61224	7.809	ng	98
28) bis(2-Chloroethoxy)methane	9.79	93	111913	8.842	ng	99
29) 2,4-Dichlorophenol	10.02	162	67516	7.650	ng	98
30) 1,2,4-Trichlorobenzene	10.23	180	81585	8.293	ng	97
31) Naphthalene	10.41	128	255205	8.817	ng	99
32) Benzoic acid	9.63	122	13790m	2.312	ng	
33) 4-Chloroaniline	10.52	127	100948	7.988	ng	99
34) Hexachlorobutadiene	10.72	225	44735	7.792	ng	96
35) Caprolactam	11.26	113	23298	7.485	ng	93
36) 4-Chloro-3-methylphenol	11.66	107	75138	7.869	ng	97
37) 2-Methylnaphthalene	12.03	142	182617	8.889	ng	99
38) 1-Methylnaphthalene	12.26	142	171924	8.915	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.41	216	92553	9.156	ng	99

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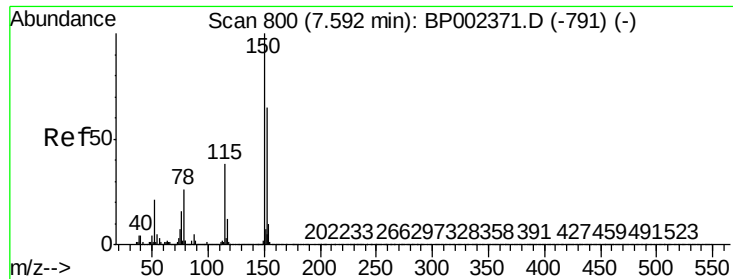
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 6/15/2020 8:47:09 AM

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 QLast Update : Fri Jun 12 16:44:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.40	237	36176	6.731	ng	99
43) 2,4,6-Trichlorophenol	12.66	196	52306	7.311	ng	99
44) 2,4,5-Trichlorophenol	12.73	196	59427	7.174	ng	97
46) 1,1'-Biphenyl	13.06	154	242309	9.641	ng	98
47) 2-Chloronaphthalene	13.10	162	178299	8.673	ng	98
48) 2-Nitroaniline	13.30	65	45744	6.970	ng	92
49) Acenaphthylene	13.95	152	283559	8.642	ng	100
50) Dimethylphthalate	13.70	163	218684	8.322	ng	100
51) 2,6-Dinitrotoluene	13.81	165	43379	7.602	ng	92
52) Acenaphthene	14.30	154	172225	8.960	ng	99
53) 3-Nitroaniline	14.14	138	42690	6.552	ng	98
54) 2,4-Dinitrophenol	14.35	184	12378	3.955	ng	95
55) Dibenzofuran	14.64	168	278837	9.010	ng	99
56) 4-Nitrophenol	14.46	139	30885	5.970	ng	94
57) 2,4-Dinitrotoluene	14.60	165	54977	7.078	ng	93
58) Fluorene	15.29	166	216569	8.897	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.87	232	51314	7.803	ng	100
60) Diethylphthalate	15.08	149	217086	8.245	ng	98
61) 4-Chlorophenyl-phenylether	15.30	204	110580	9.371	ng	94
62) 4-Nitroaniline	15.30	138	43641	6.970	ng	95
63) Azobenzene	15.59	77	231588	8.837	ng	98
65) 4,6-Dinitro-2-methylphenol	15.37	198	25072	5.873	ng	88
66) n-Nitrosodiphenylamine	15.51	169	192130	9.296	ng	100
67) 4-Bromophenyl-phenylether	16.19	248	63954	8.345	ng	98
68) Hexachlorobenzene	16.31	284	70216	8.634	ng	99
69) Atrazine	16.47	200	66406	9.849	ng	100
70) Pentachlorophenol	16.65	266	29300	6.022	ng	96
71) Phenanthrene	17.03	178	357152	9.437	ng	99
72) Anthracene	17.13	178	353224	9.395	ng	96
73) Carbazole	17.40	167	312502	8.450	ng	99
74) Di-n-butylphthalate	17.99	149	337812	7.718	ng	98
75) Fluoranthene	19.02	202	398535	8.822	ng	98
77) Benzidine	19.20	184	171304	9.940	ng	98
78) Pyrene	19.37	202	422840	8.950	ng	98
80) Butylbenzylphthalate	20.27	149	140779	6.703	ng	98
81) Benzo(a)anthracene	21.08	228	403763	9.171	ng	99
82) 3,3'-Dichlorobenzidine	21.02	252	145248	8.878	ng	95
83) Chrysene	21.13	228	399192	9.571	ng	99
84) Bis(2-ethylhexyl)phthalate	21.04	149	239627	7.844	ng	100
85) Di-n-octyl phthalate	21.90	149	381952	7.128	ng	99
87) Indeno(1,2,3-cd)pyrene	25.50	276	458330	8.579	ng	97
88) Benzo(b)fluoranthene	22.64	252	403881	8.768	ng	97
89) Benzo(k)fluoranthene	22.68	252	394502	9.014	ng	# 97
90) Benzo(a)pyrene	23.20	252	361832	8.382	ng	98
91) Dibenzo(a,h)anthracene	25.52	278	387256	9.036	ng	97
92) Benzo(g,h,i)perylene	26.17	276	387636	8.733	ng	98

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



#1

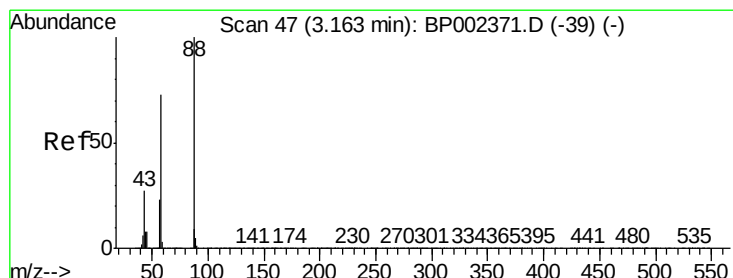
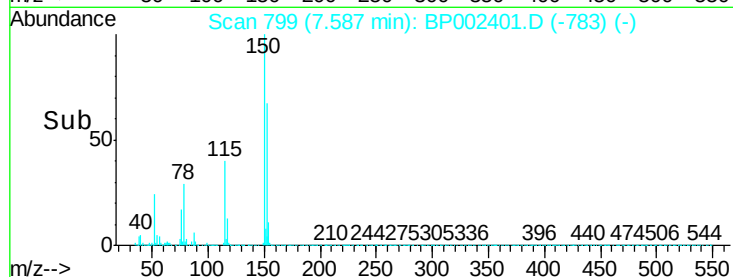
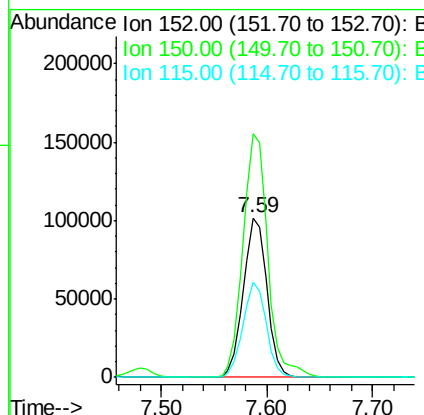
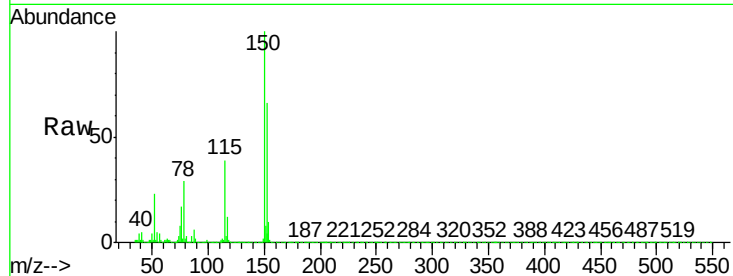
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.59 min Scan# 799
Delta R.T. -0.01 min
Lab File: BP002401.D
Acq: 12 Jun 2020 16:48

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2020

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.6	124.0	186.0
115	59.9	47.4	71.0

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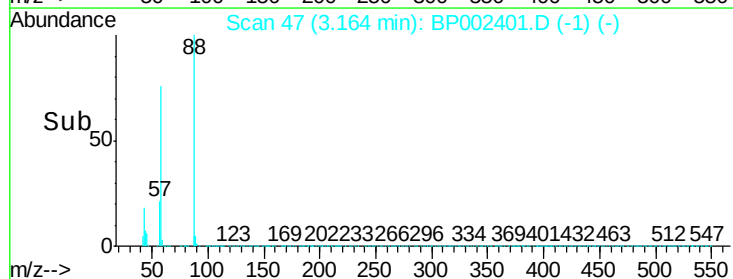
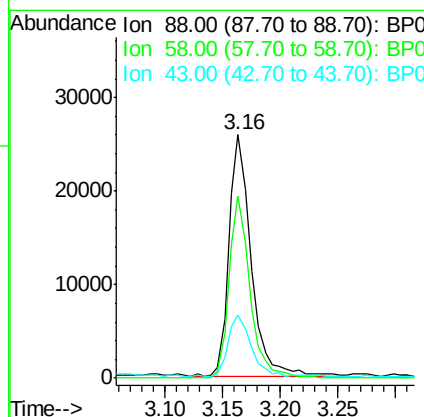
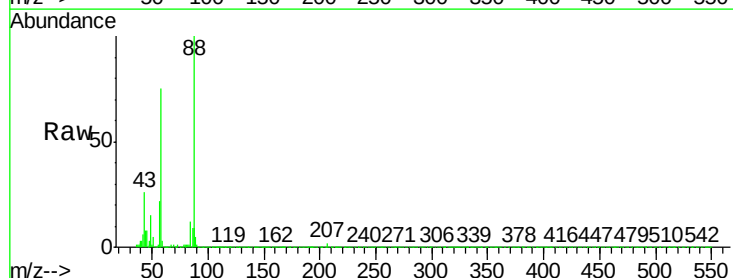
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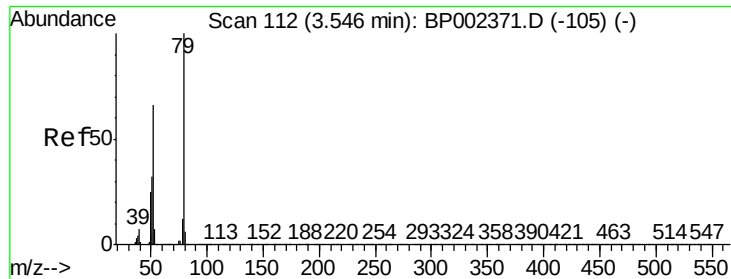


#2

1,4-Dioxane
Concen: 8.784 ng
RT: 3.16 min Scan# 47
Delta R.T. 0.00 min
Lab File: BP002401.D
Acq: 12 Jun 2020 16:48

Tgt Ion	Ratio	Lower	Upper
88	100		
58	71.6	58.2	87.4
43	26.9	21.8	32.8





#3

Pvridine

Concen: 7.361 ng

RT: 3.55 min Scan# 112

Delta R.T. 0.00 min

Lab File: BP002401.D

Acq: 12 Jun 2020 16:48

Instrument :

BNA_P

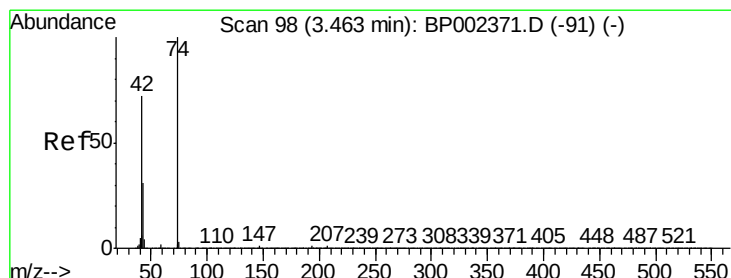
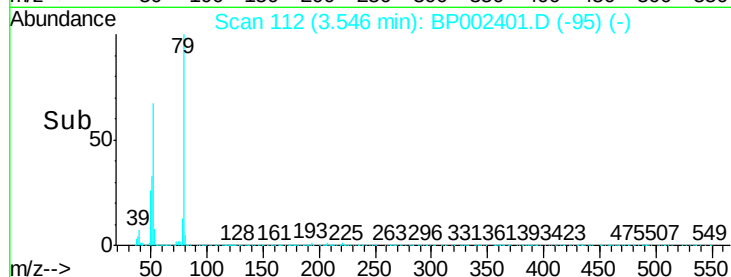
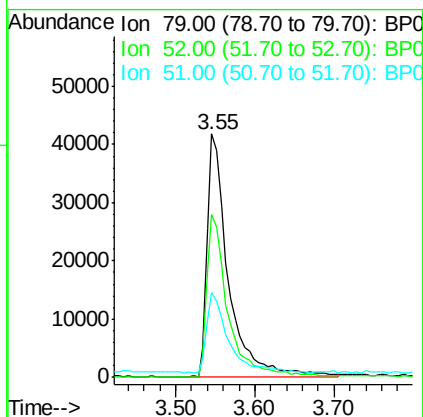
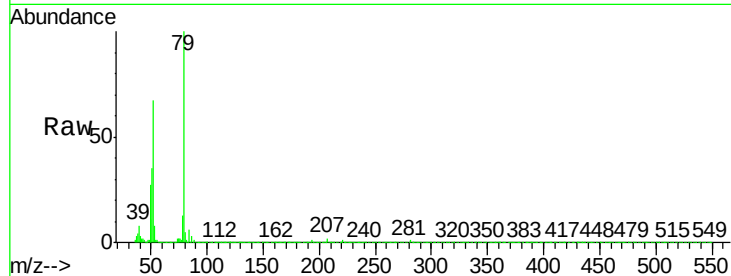
ClientSampleId :

LOD-MDL-SOIL-01-QT2-2020

Tot Ion:	79	Resp:	78154
Ion Ratio	Lower	Upper	
79	100		
52	67.1	52.5	78.7
51	35.0	26.1	39.1

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#4

n-Nitrosodimethylamine

Concen: 7.940 ng

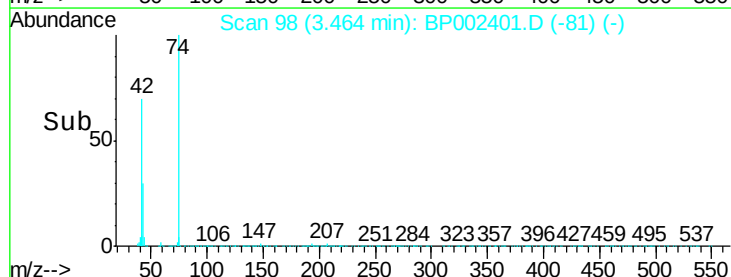
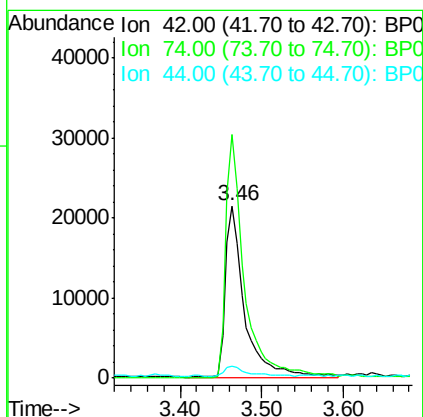
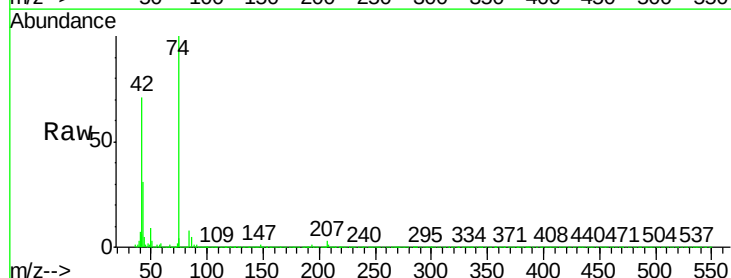
RT: 3.46 min Scan# 98

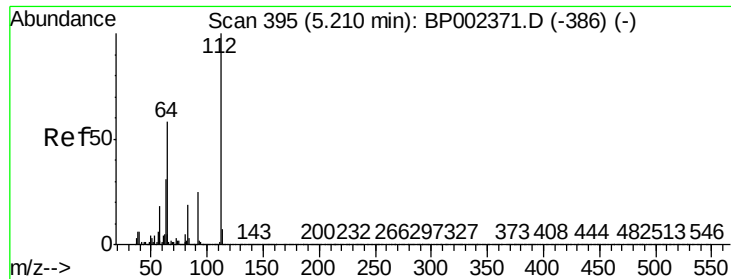
Delta R.T. 0.00 min

Lab File: BP002401.D

Acq: 12 Jun 2020 16:48

Tgt Ion:	42	Resp:	34744
Ion Ratio	Lower	Upper	
42	100		
74	141.5	111.1	166.7
44	6.8	5.4	8.0





#5

2-Fluorophenol

Concen: 163.411 ng

RT: 5.20 min Scan# 394

Delta R.T. -0.01 min

Lab File: BP002401.D

Acq: 12 Jun 2020 16:48

Instrument :

BNA_P

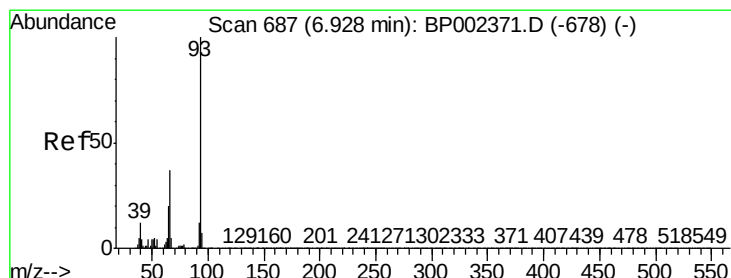
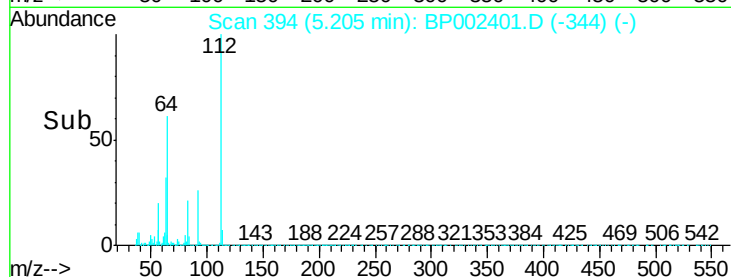
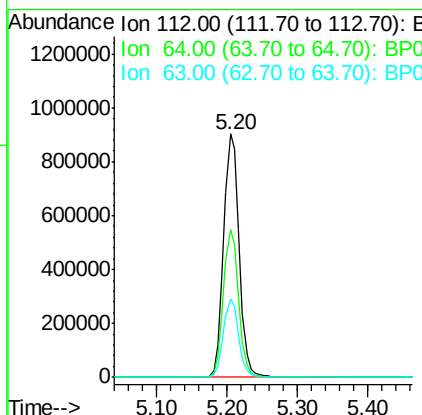
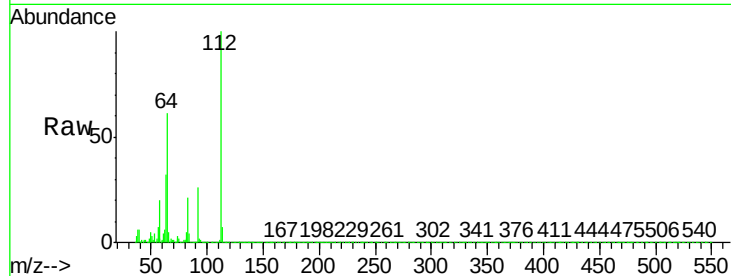
ClientSampleId :

LOD-MDL-SOIL-01-QT2-2020

Tot Ion:	112	Resp:	1385888
Ion	Ratio	Lower	Upper
112	100		
64	60.7	46.2	69.2
63	32.2	24.5	36.7

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#6

Aniline

Concen: 8.331 ng

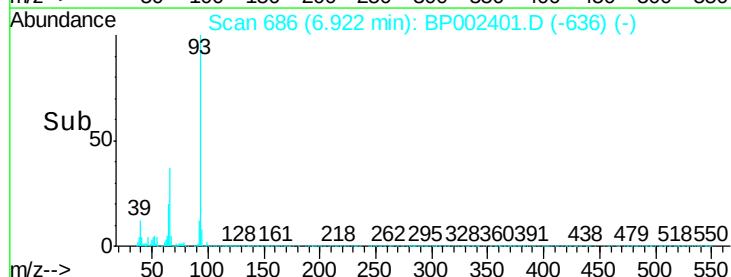
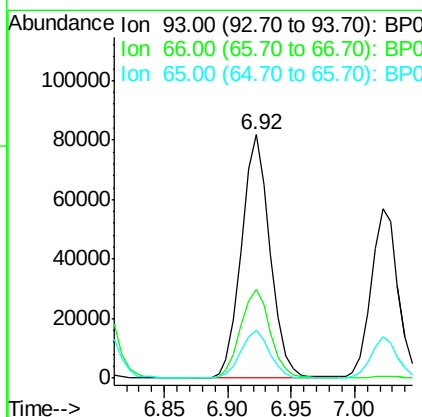
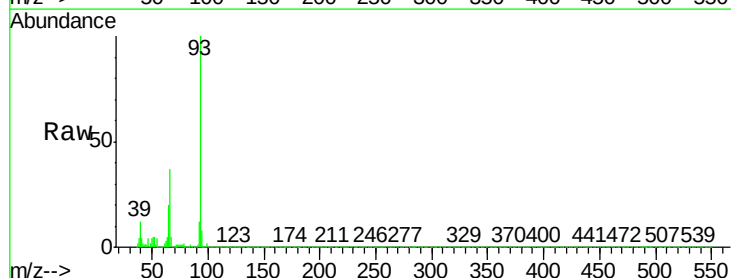
RT: 6.92 min Scan# 686

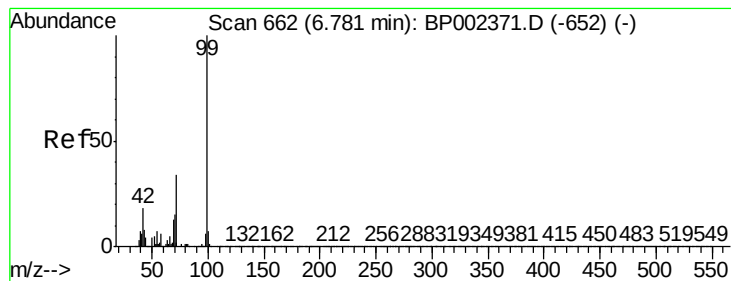
Delta R.T. -0.01 min

Lab File: BP002401.D

Acq: 12 Jun 2020 16:48

Tgt Ion:	93	Resp:	127927
Ion	Ratio	Lower	Upper
93	100		
66	36.7	29.8	44.6
65	19.7	15.7	23.5





#7

Phenol-d6

Concen: 168.502 ng

RT: 6.78 min Scan# 662

Delta R.T. 0.00 min

Lab File: BP002401.D

Acq: 12 Jun 2020 16:48

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2020

Tot Ion: 99 Resp: 1902639

Ion Ratio Lower Upper

99 100

42 18.1 14.6 22.0

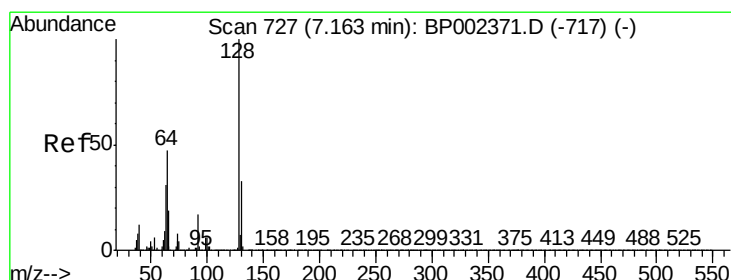
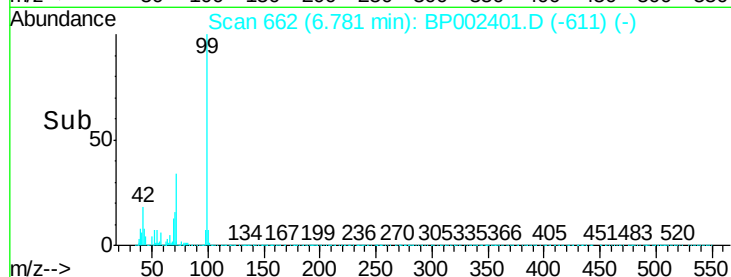
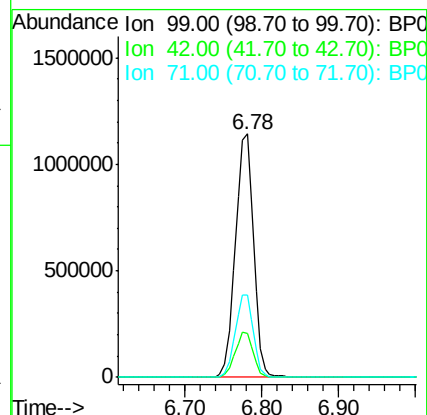
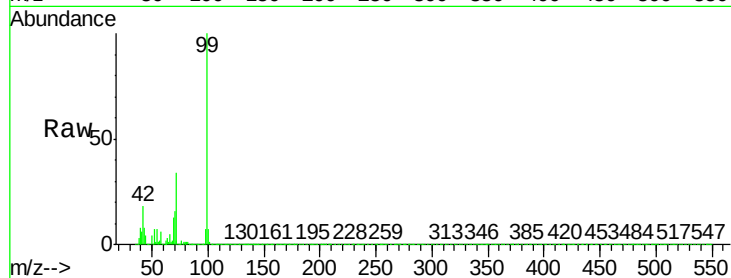
71 33.8 27.2 40.8

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#8

2-Chlorophenol

Concen: 8.210 ng

RT: 7.16 min Scan# 726

Delta R.T. -0.01 min

Lab File: BP002401.D

Acq: 12 Jun 2020 16:48

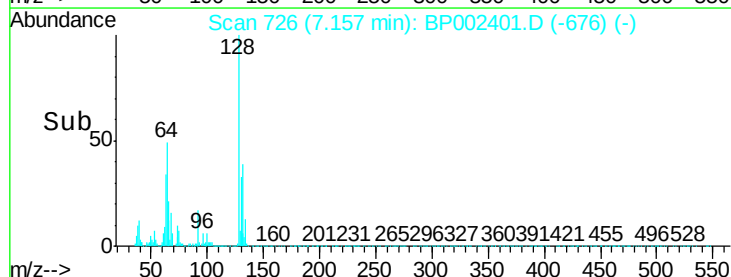
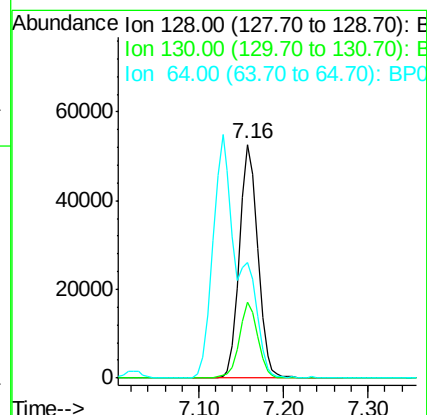
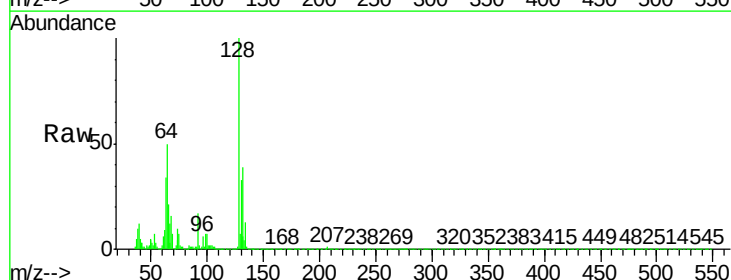
Tgt Ion: 128 Resp: 78290

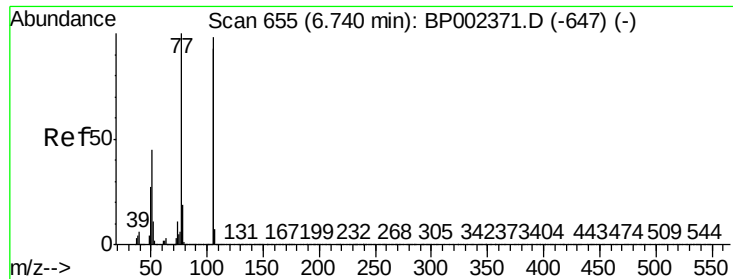
Ion Ratio Lower Upper

128 100

130 32.6 12.5 52.5

64 49.7 27.7 67.7





#9

Benzaldehyde

Concen: 13.175 ng

RT: 6.73 min Scan# 654

Delta R.T. -0.01 min

Lab File: BP002401.D

Acq: 12 Jun 2020 16:48

Instrument :

BNA_P

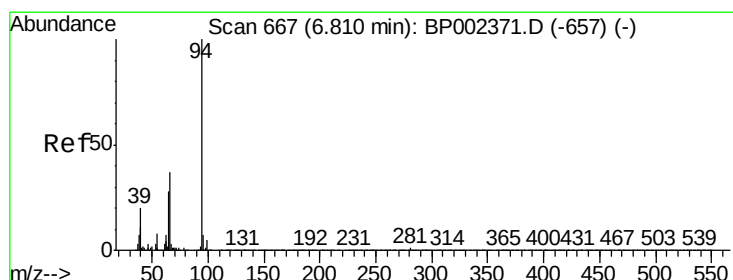
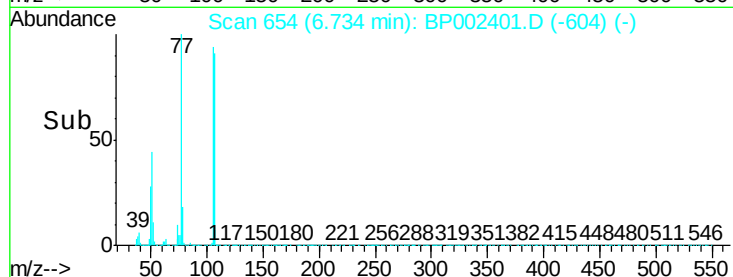
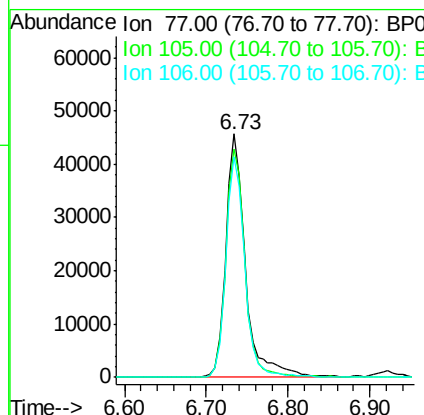
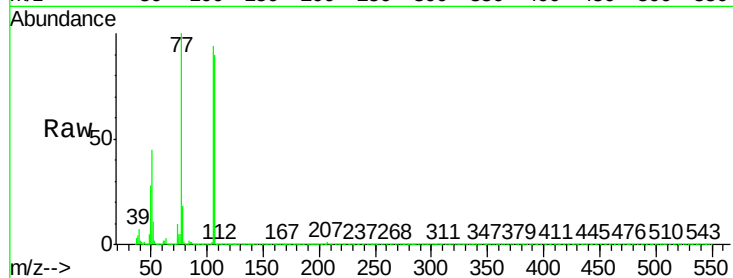
ClientSampleId :

LOD-MDL-SOIL-01-QT2-2020

Tot Ion	Ratio	Lower	Upper
77	100		
105	93.9	78.1	118.1
106	90.5	73.2	113.2

Manual Integrations
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#10

Phenol

Concen: 8.361 ng

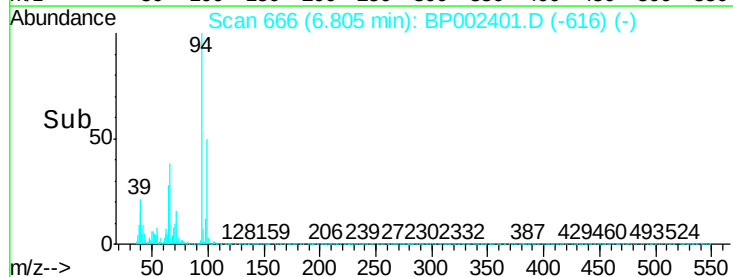
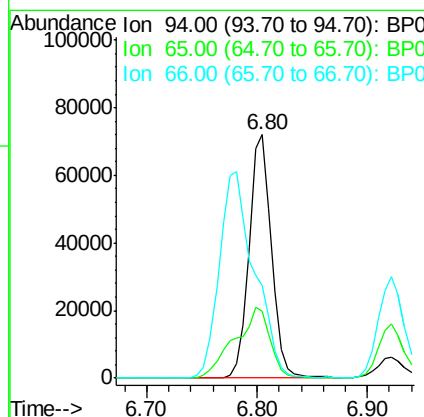
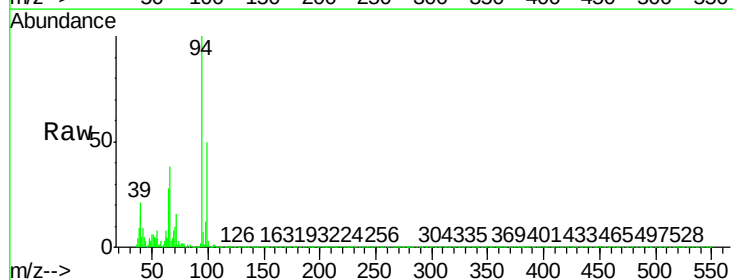
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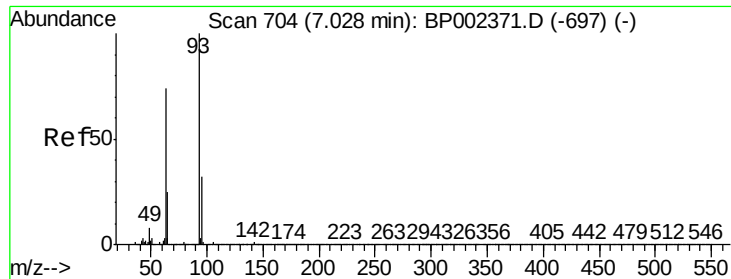
Delta R.T. -0.01 min

Lab File: BP002401.D

Acq: 12 Jun 2020 16:48

Tgt Ion	Ratio	Lower	Upper
94	100		
65	27.6	7.7	47.7
66	37.9	16.9	56.9





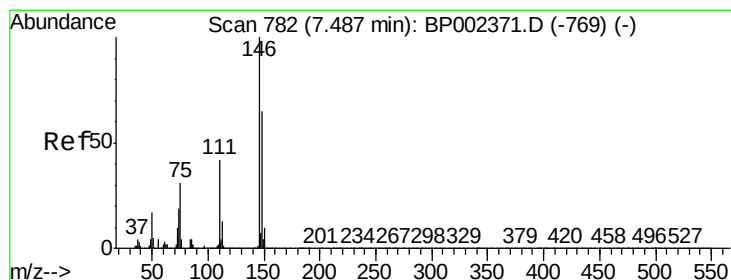
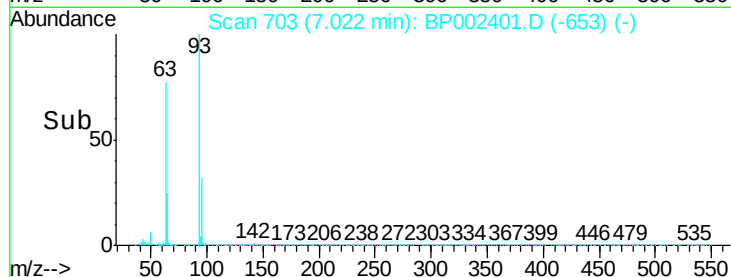
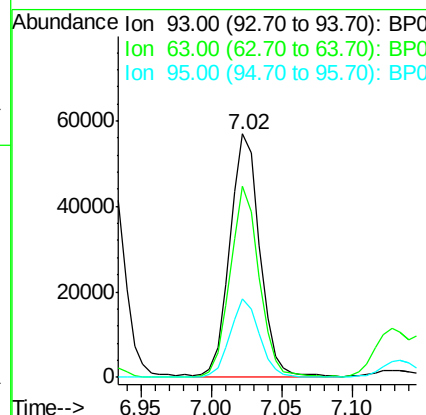
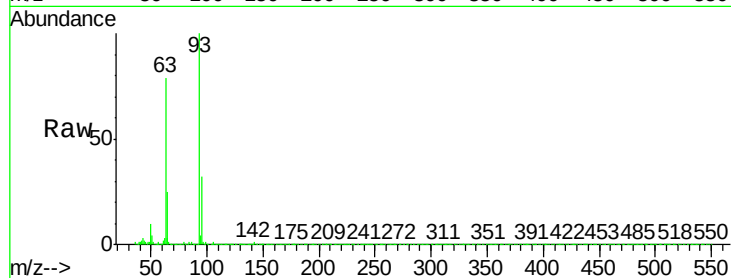
#11
bis(2-Chloroethyl)ether
Concen: 8.170 ng
RT: 7.02 min Scan# 703
Delta R.T. -0.01 min
Lab File: BP002401.D
Acq: 12 Jun 2020 16:48

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2020

Tot Ion	Ion	Ratio	Resp	Lower	Upper
93	100		83532		
63	78.7	54.2	94.2		
95	32.1	11.8	51.8		

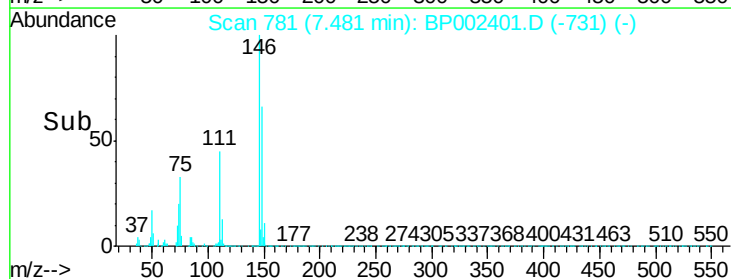
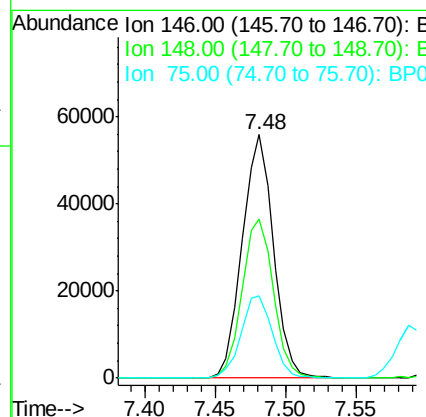
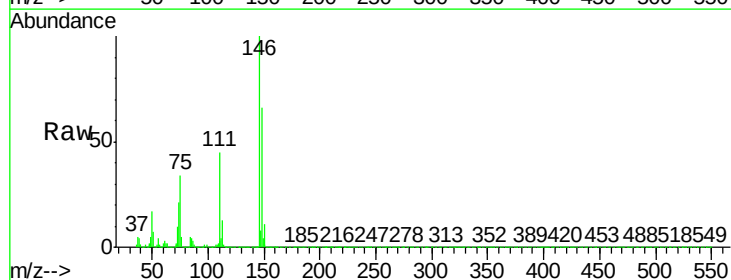
Manual Integrations
APPROVED

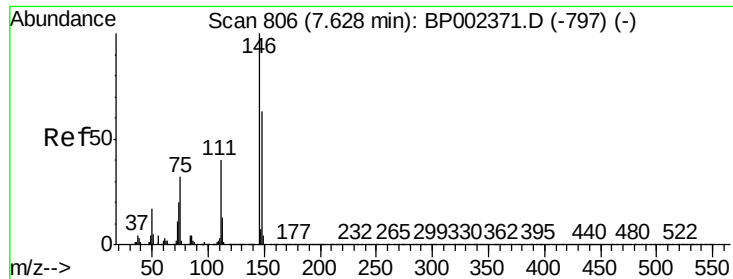
mohammad
6/15/2020 8:47:09 AM



#12
1,3-Dichlorobenzene
Concen: 7.880 ng
RT: 7.48 min Scan# 781
Delta R.T. -0.01 min
Lab File: BP002401.D
Acq: 12 Jun 2020 16:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	100		86528		
148	65.6	51.6	77.4		
75	33.6	25.0	37.4		





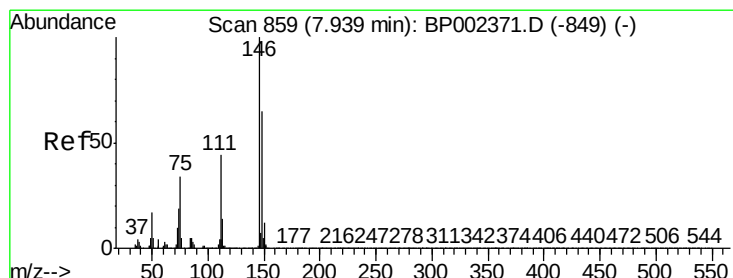
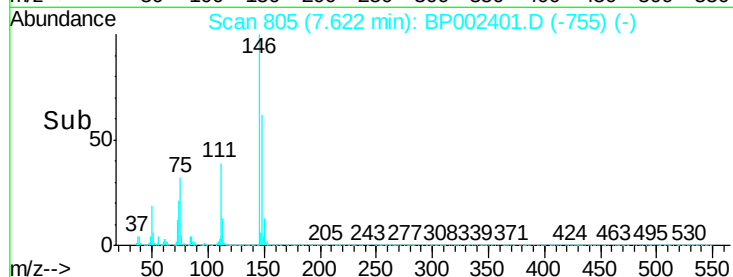
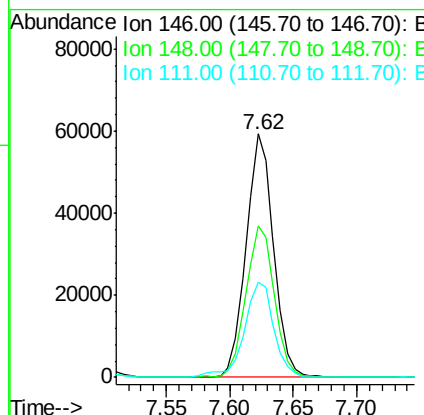
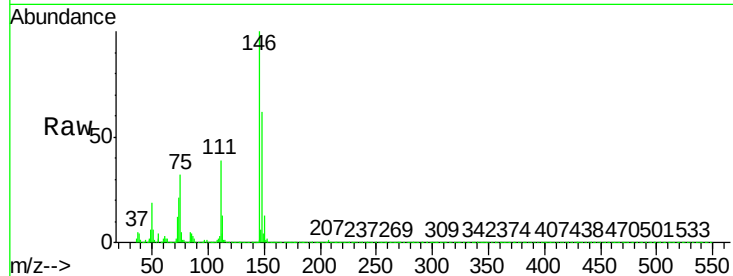
#13
1,4-Dichlorobenzene
Concen: 8.075 ng
RT: 7.62 min Scan# 805
Delta R.T. -0.01 min
Lab File: BP002401.D
Acq: 12 Jun 2020 16:48

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2020

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.2	50.7	76.1
111	39.2	32.2	48.2

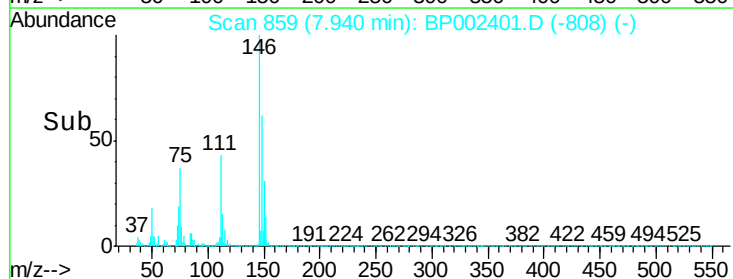
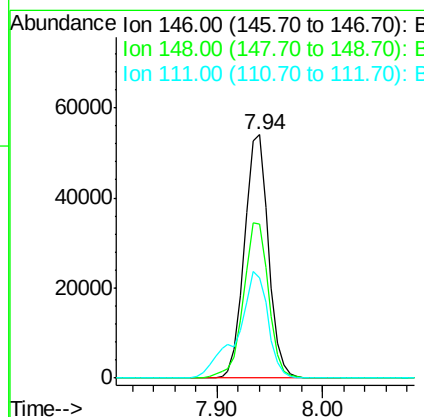
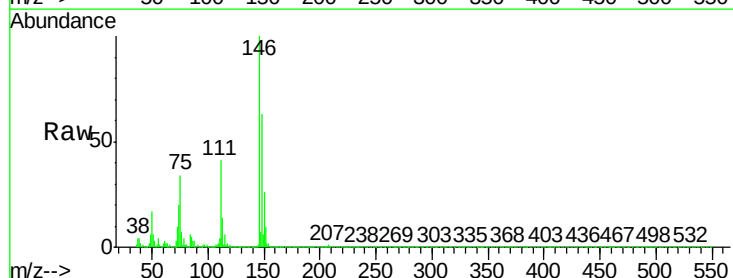
Manual Integrations
APPROVED

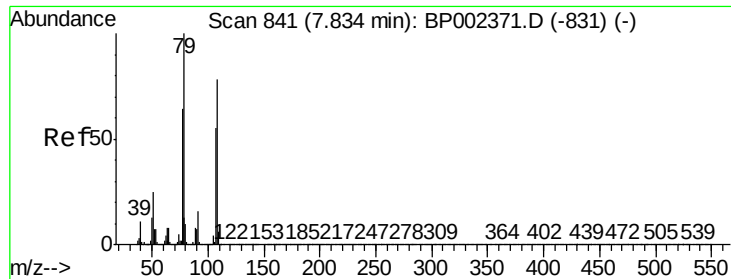
mohammad
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#14
1,2-Dichlorobenzene
Concen: 8.035 ng
RT: 7.94 min Scan# 859
Delta R.T. 0.00 min
Lab File: BP002401.D
Acq: 12 Jun 2020 16:48

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.5	51.8	77.6
111	41.1	35.4	53.2





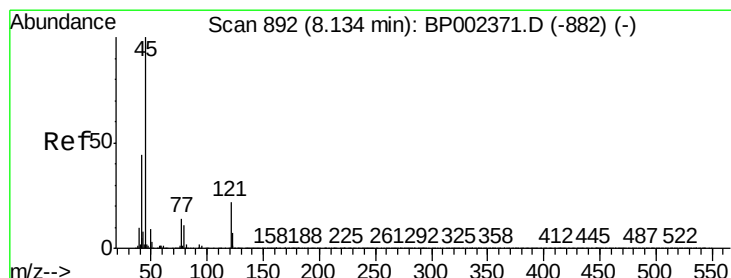
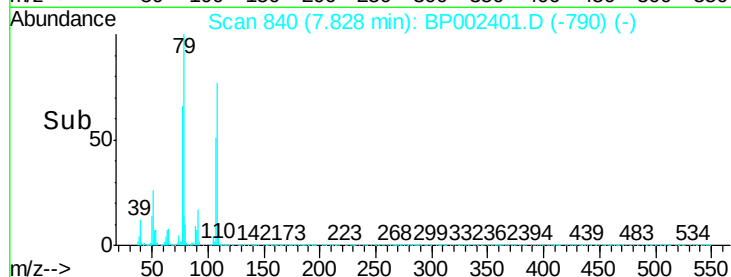
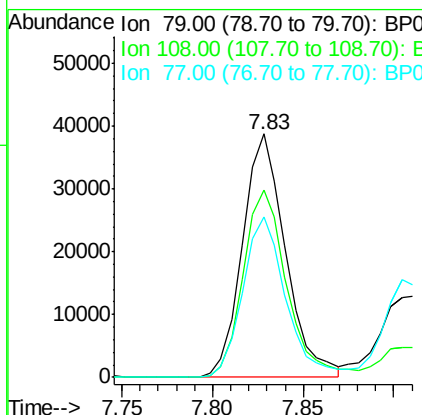
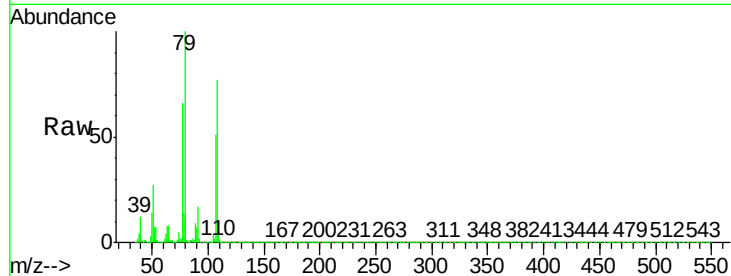
#15
Benzyl Alcohol
Concen: 7.273 ng
RT: 7.83 min Scan# 840
Delta R.T. -0.01 min
Lab File: BP002401.D
Acq: 12 Jun 2020 16:48

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2020

Tot Ion	79	Resp:	63655
Ion Ratio	Lower	Upper	
79	100		
108	76.9	62.6	94.0
77	66.0	51.5	77.3

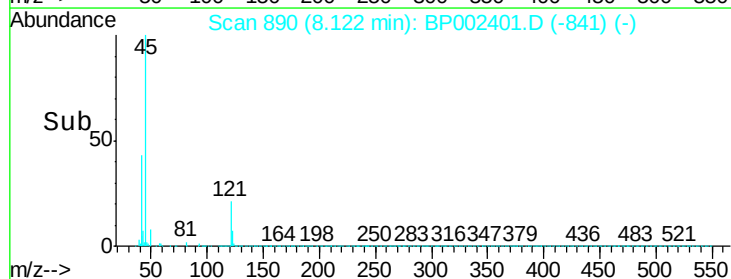
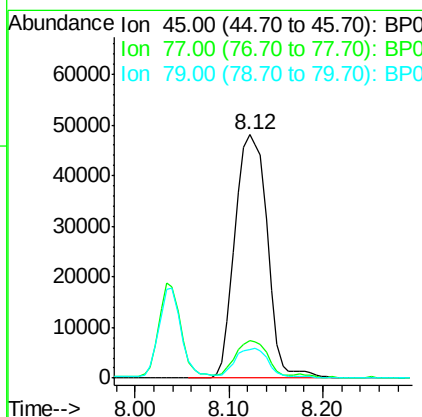
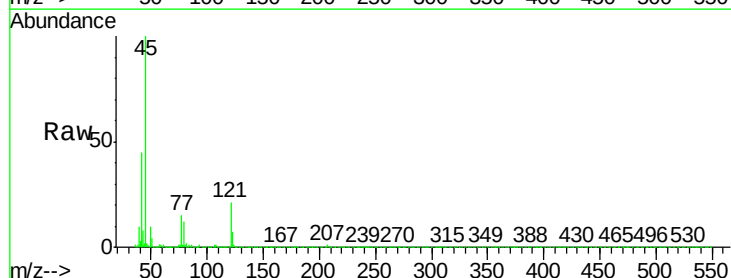
Manual Integrations
APPROVED

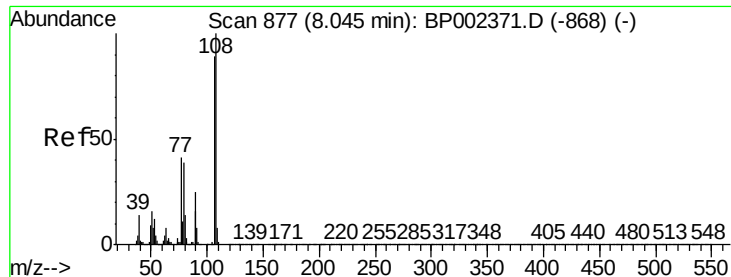
mohammad
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#16
2,2'-oxybis(1-chloropropane)
Concen: 7.905 ng
RT: 8.12 min Scan# 890
Delta R.T. -0.01 min
Lab File: BP002401.D
Acq: 12 Jun 2020 16:48

Tgt Ion	45	Resp:	114677
Ion Ratio	Lower	Upper	
45	100		
77	15.2	0.0	35.0
79	12.0	0.0	32.0





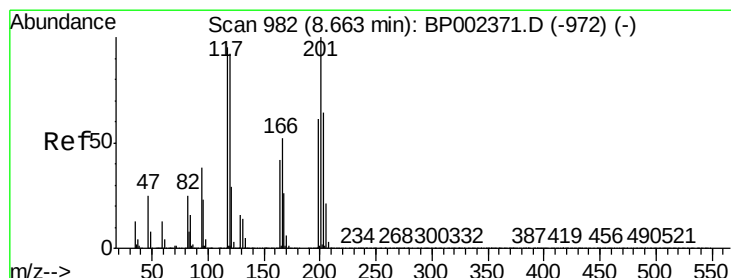
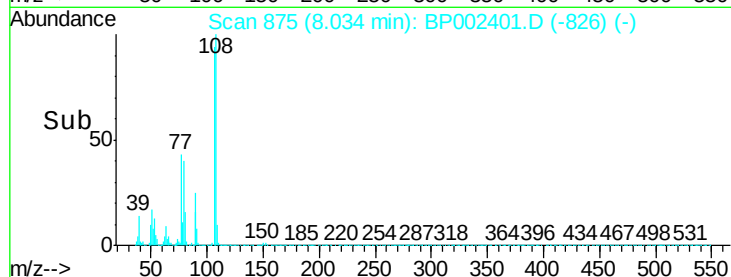
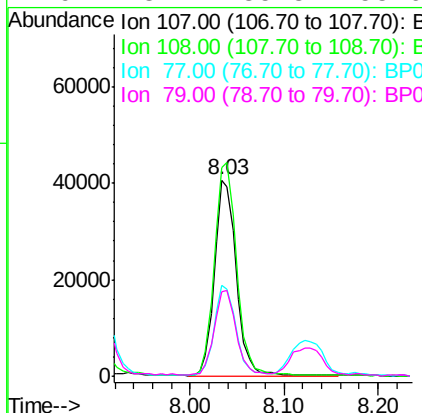
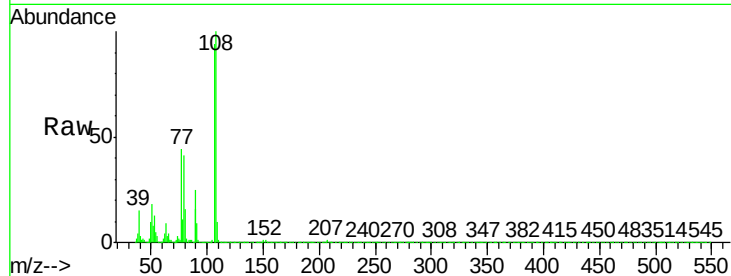
#17
2-Methylphenol
Concen: 7.436 ng
RT: 8.03 min Scan# 875
Delta R.T. -0.01 min
Lab File: BP002401.D
Acq: 12 Jun 2020 16:48

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2020

Tot Ion:	107	Resp:	66542
Ion Ratio	Lower	Upper	
107	100		
108	106.2	90.3	135.5
77	46.4	37.1	55.7
79	43.4	35.8	53.6

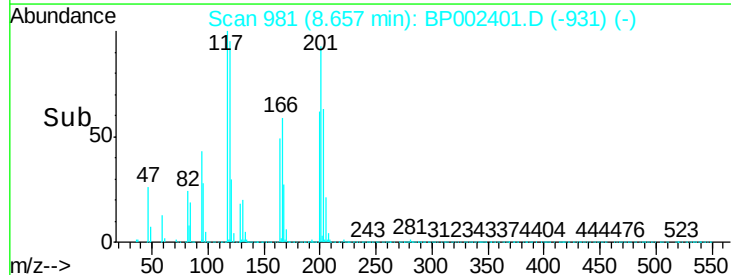
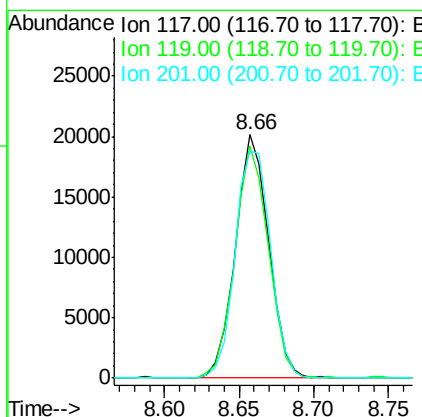
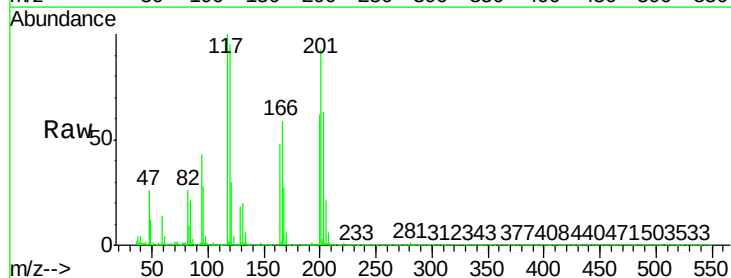
Manual Integrations
APPROVED

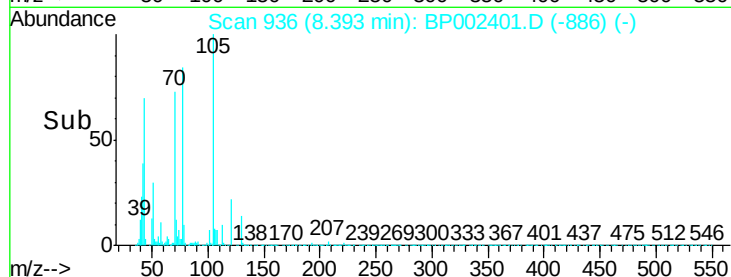
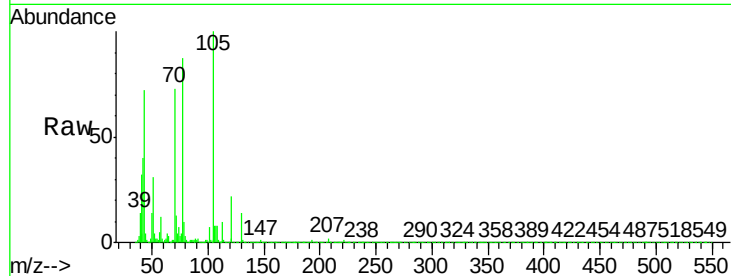
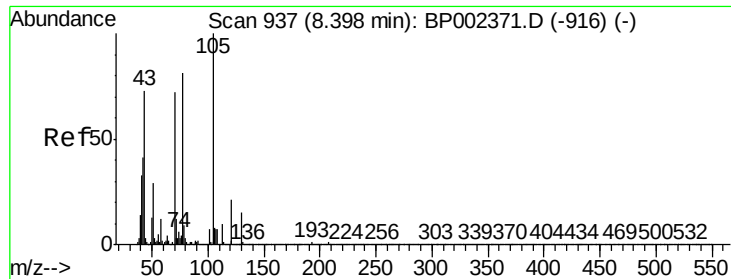
mohammad
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#18
Hexachloroethane
Concen: 7.761 ng
RT: 8.66 min Scan# 981
Delta R.T. -0.01 min
Lab File: BP002401.D
Acq: 12 Jun 2020 16:48

Tgt Ion:	117	Resp:	31236
Ion Ratio	Lower	Upper	
117	100		
119	95.1	77.8	116.8
201	93.1	84.2	126.4





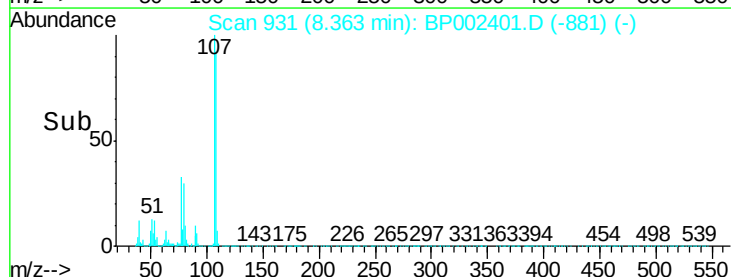
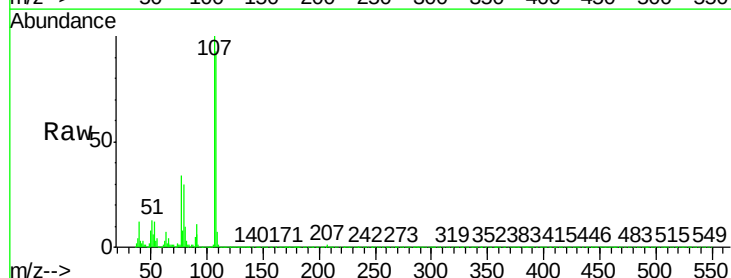
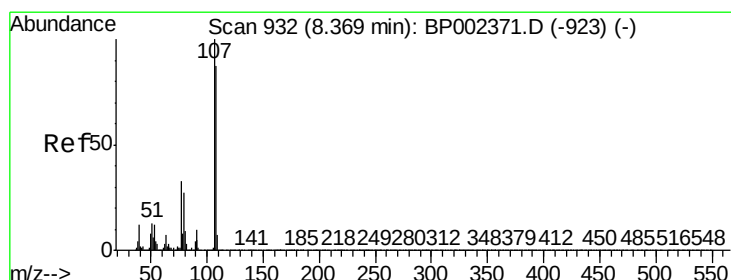
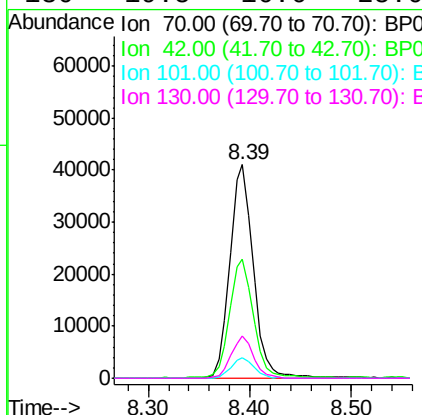
#19
n-Nitroso-di-n-propylamine
Concen: 8.700 ng
RT: 8.39 min Scan# 936
Delta R.T. -0.01 min
Lab File: BP002401.D
Acq: 12 Jun 2020 16:48

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2020

Tot Ion	Ratio	Lower	Upper
70	100		
42	55.5	45.7	68.5
101	9.3	7.5	11.3
130	19.5	16.6	25.0

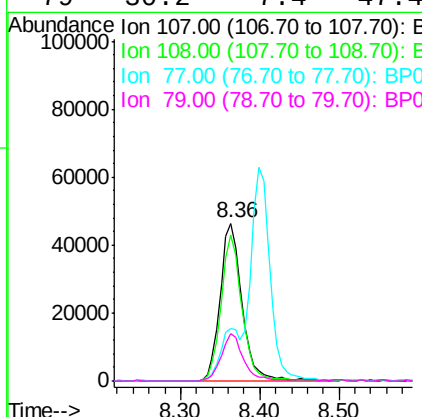
Manual Integrations
APPROVED

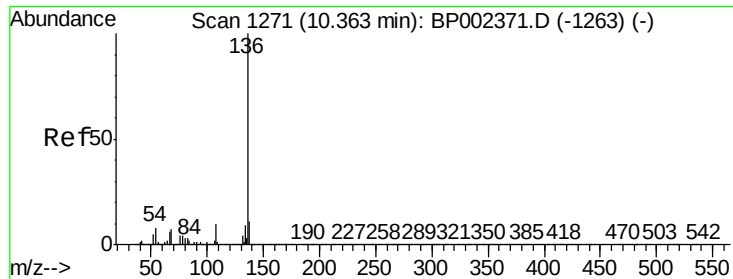
mohammad
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#20
3+4-Methylphenols
Concen: 7.365 ng
RT: 8.36 min Scan# 931
Delta R.T. -0.01 min
Lab File: BP002401.D
Acq: 12 Jun 2020 16:48

Tgt Ion	Ratio	Lower	Upper
107	100		
108	92.9	67.5	107.5
77	33.7	13.5	53.5
79	30.2	7.4	47.4





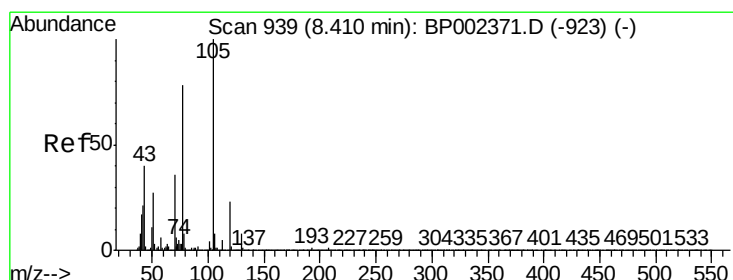
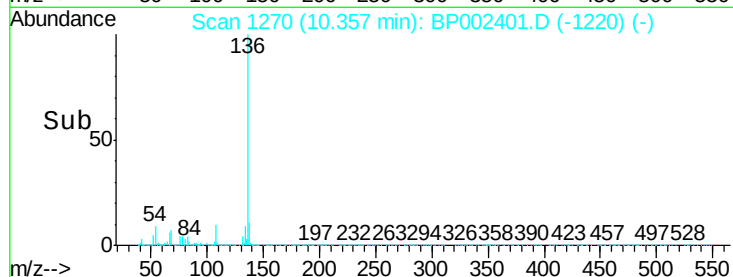
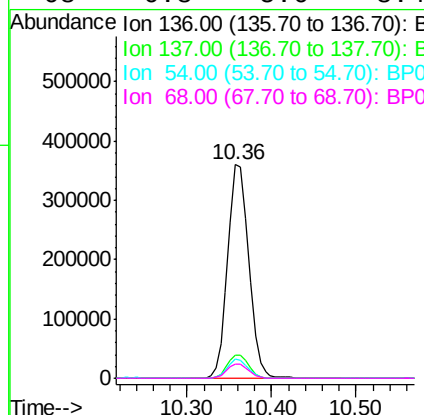
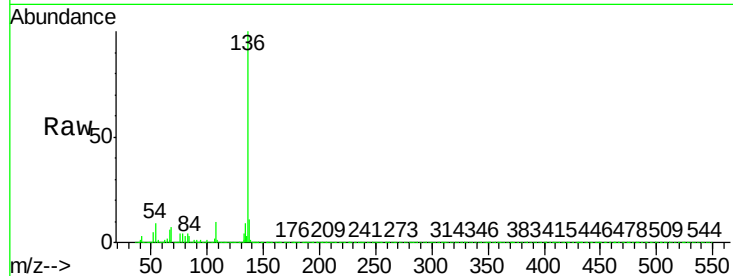
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.36 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BP002401.D
Acq: 12 Jun 2020 16:48

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2020

Tot Ion	Ratio	Resp	Lower	Upper
136	100	623064		
137	10.7		8.8	13.2
54	8.7		6.4	9.6
68	6.8		5.6	8.4

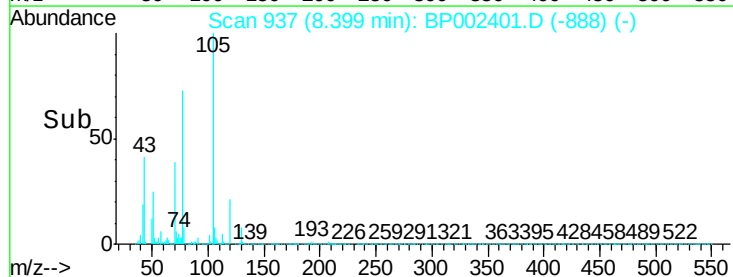
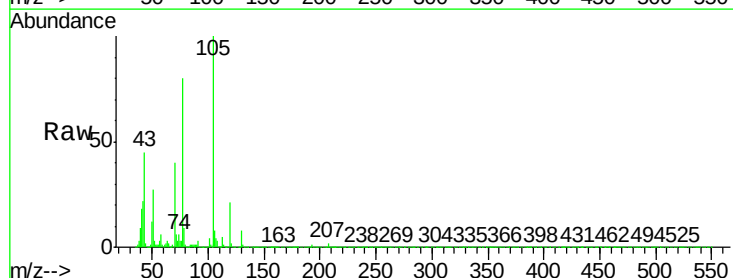
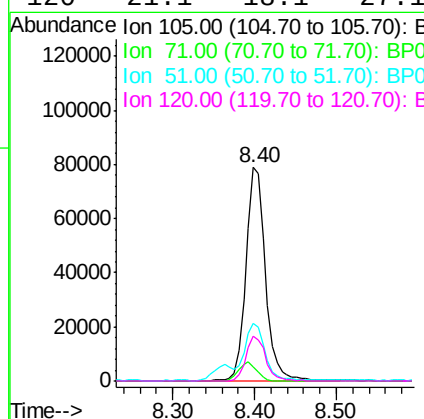
Manual Integrations
APPROVED

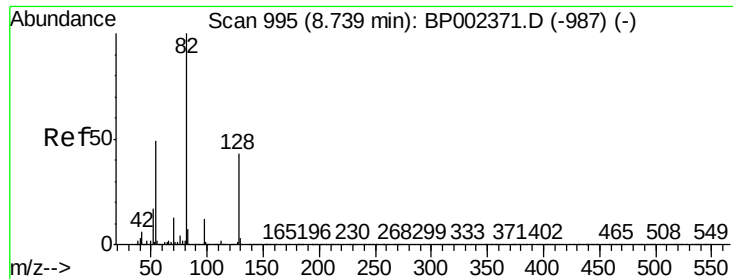
mohammad
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#22
Acetophenone
Concen: 9.332 ng
RT: 8.40 min Scan# 937
Delta R.T. -0.01 min
Lab File: BP002401.D
Acq: 12 Jun 2020 16:48

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	130631		
71	6.4		4.7	7.1
51	27.0		21.4	32.0
120	21.1		18.1	27.1





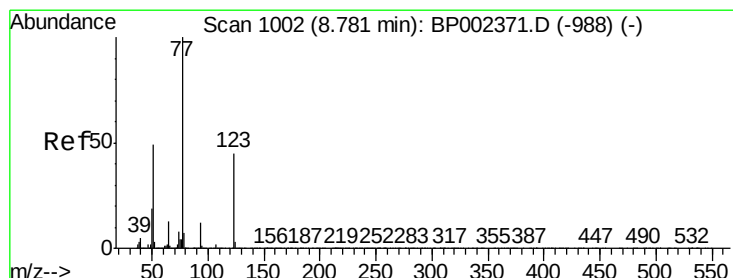
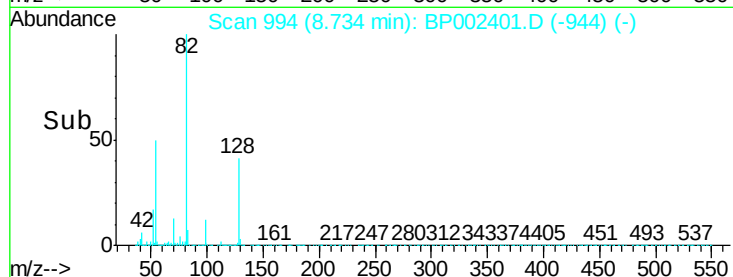
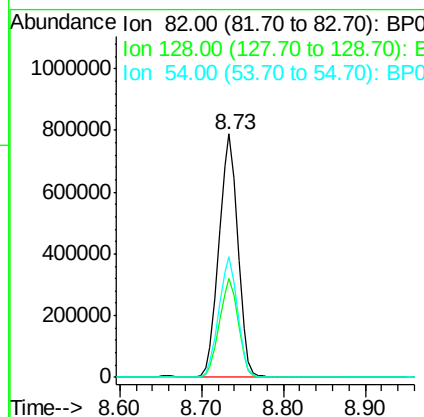
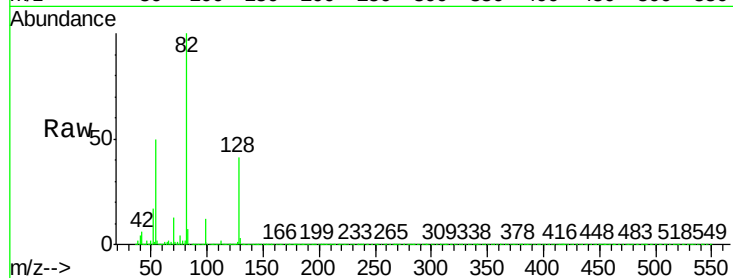
#23
Nitrobenzene-d5
Concen: 122.477 ng
RT: 8.73 min Scan# 994
Delta R.T. -0.01 min
Lab File: BP002401.D
Acq: 12 Jun 2020 16:48

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2020

Tot Ion	Ratio	Lower	Upper
82	100		
128	40.6	34.5	51.7
54	49.7	39.4	59.2

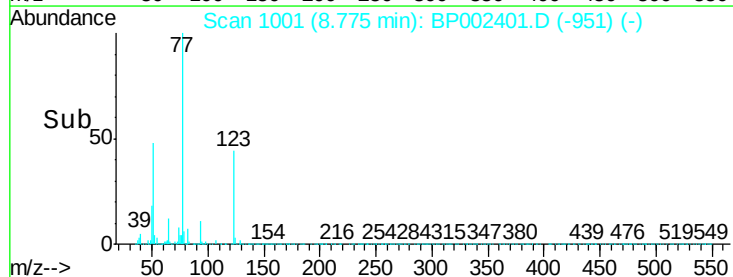
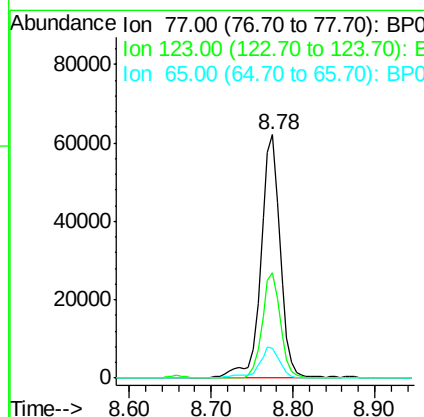
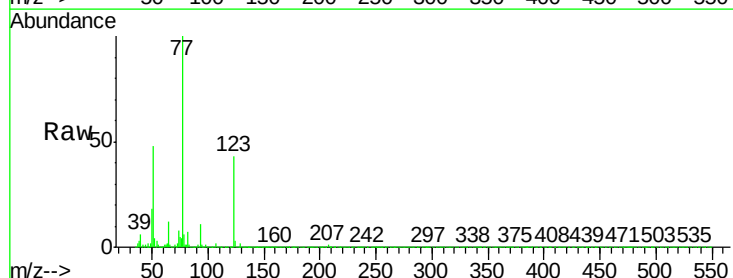
Manual Integrations
APPROVED

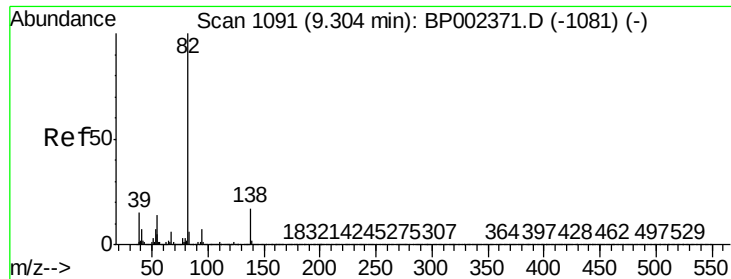
mohammad
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#24
Nitrobenzene
Concen: 9.007 ng
RT: 8.78 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BP002401.D
Acq: 12 Jun 2020 16:48

Tgt Ion	Ratio	Lower	Upper
77	100		
123	43.4	35.8	53.8
65	12.2	10.5	15.7





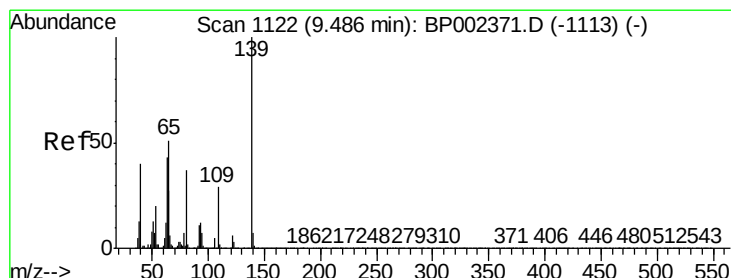
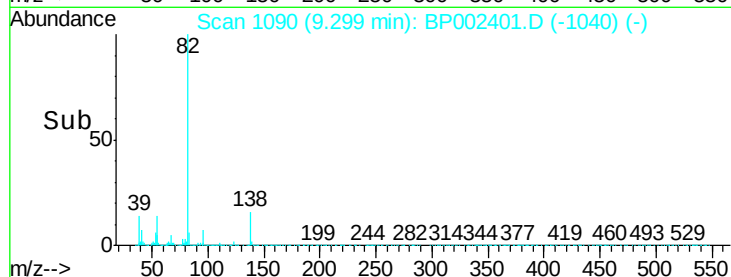
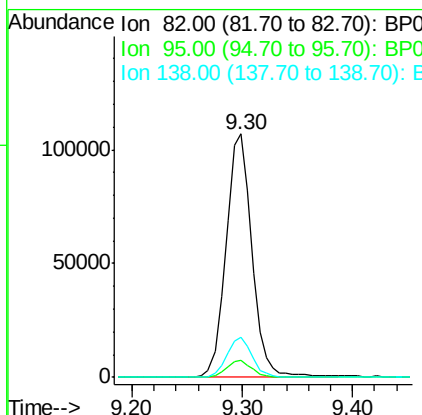
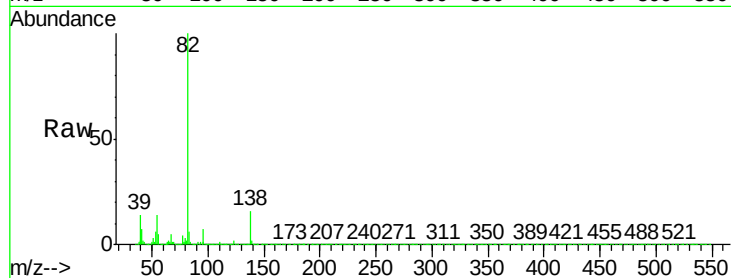
#25
Isophorone
Concen: 8.276 ng
RT: 9.30 min Scan# 1090
Delta R.T. -0.01 min
Lab File: BP002401.D
Acq: 12 Jun 2020 16:48

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2020

Tot Ion	Ratio	Resp	Lower	Upper
82	100	175853		
95	7.1		5.4	8.2
138	16.3		13.4	20.0

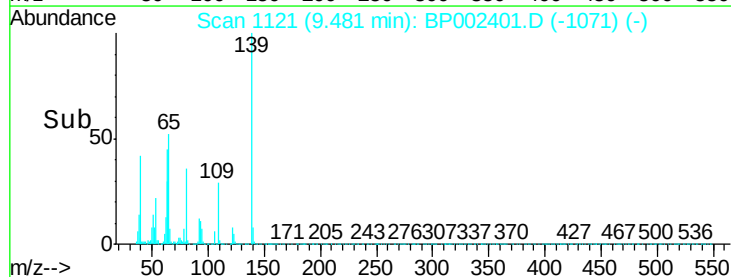
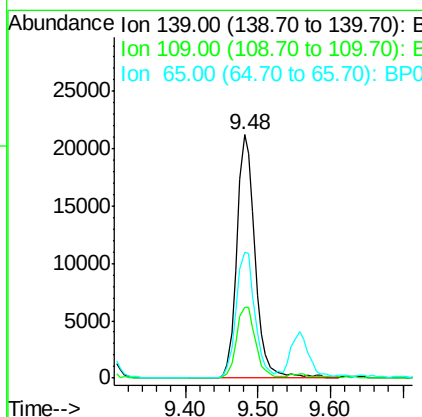
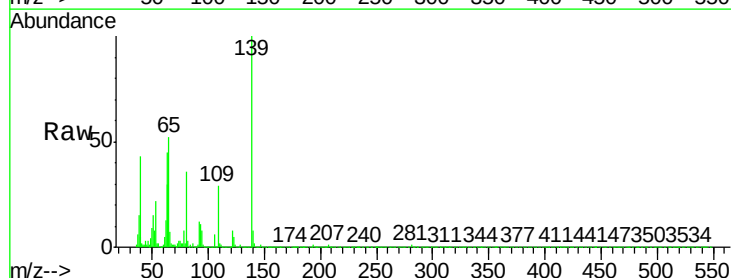
Manual Integrations
APPROVED

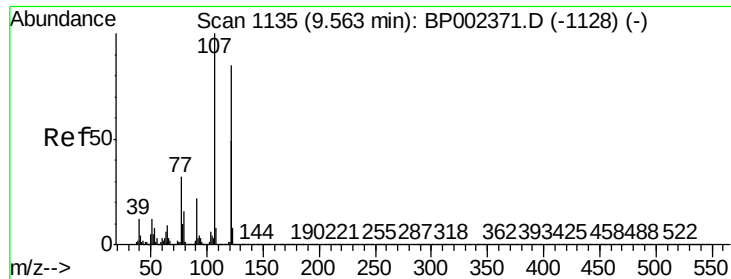
mohammad
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#26
2-Nitrophenol
Concen: 7.455 ng
RT: 9.48 min Scan# 1121
Delta R.T. -0.01 min
Lab File: BP002401.D
Acq: 12 Jun 2020 16:48

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	37255		
109	29.2		23.4	35.2
65	51.8		41.1	61.7





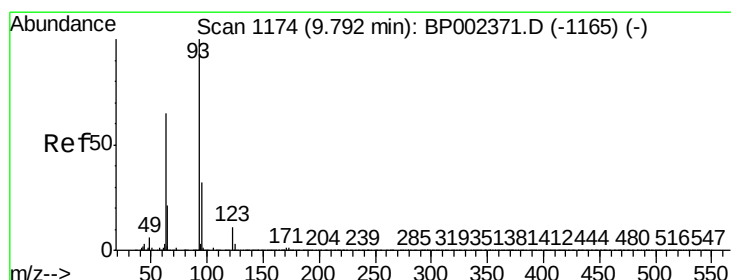
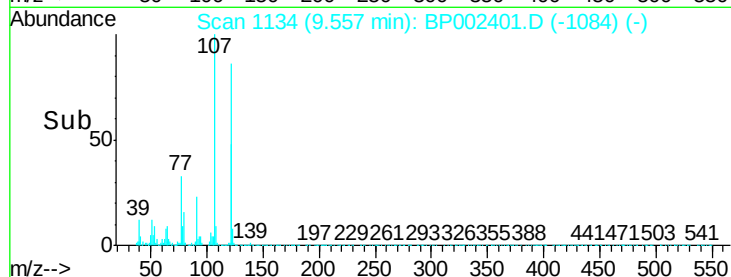
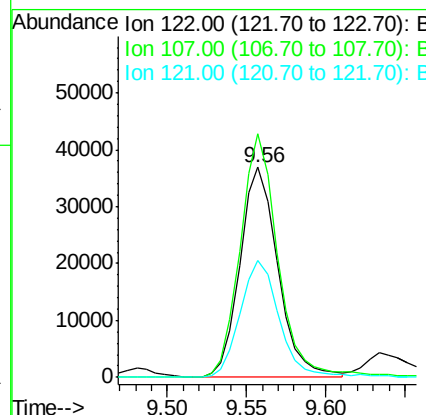
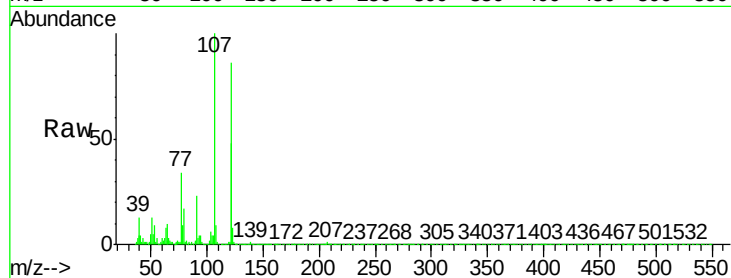
#27
2,4-Dimethylphenol
Concen: 7.809 ng
RT: 9.56 min Scan# 1134
Delta R.T. -0.01 min
Lab File: BP002401.D
Acq: 12 Jun 2020 16:48

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2020

Tot Ion	Ratio	Lower	Upper
122	100		
107	116.1	94.0	141.0
121	56.0	46.4	69.6

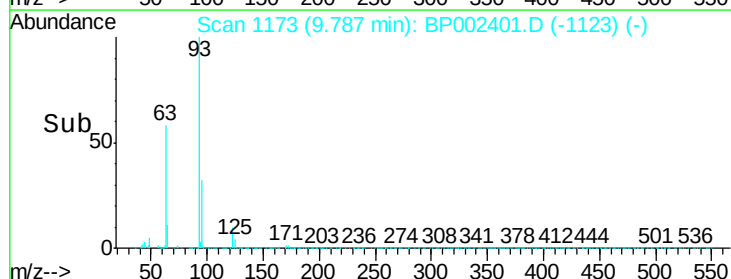
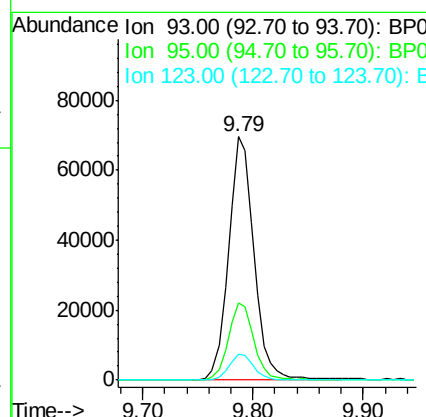
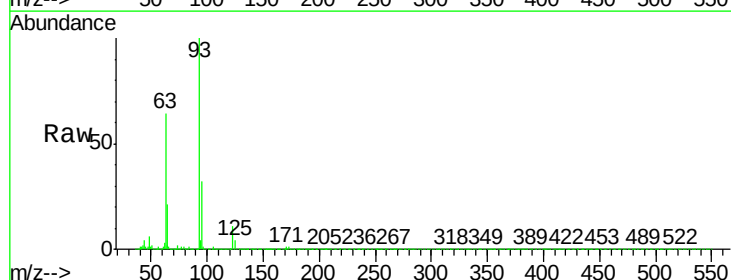
Manual Integrations
APPROVED

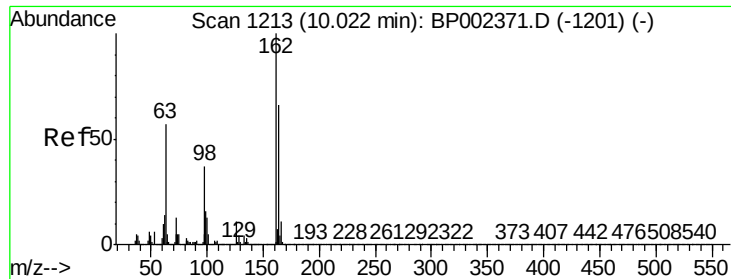
mohammad
6/15/2020 8:47:09 AM



#28
bis(2-Chloroethoxy)methane
Concen: 8.842 ng
RT: 9.79 min Scan# 1173
Delta R.T. -0.01 min
Lab File: BP002401.D
Acq: 12 Jun 2020 16:48

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.7	25.8	38.8
123	10.8	8.7	13.1





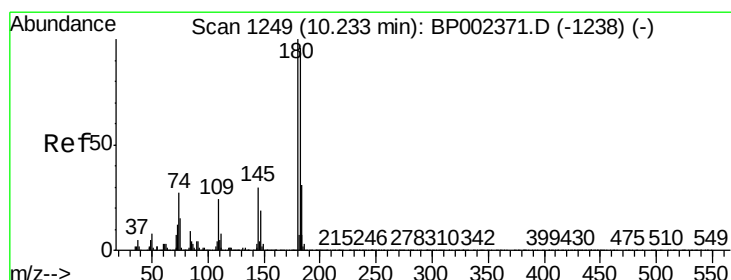
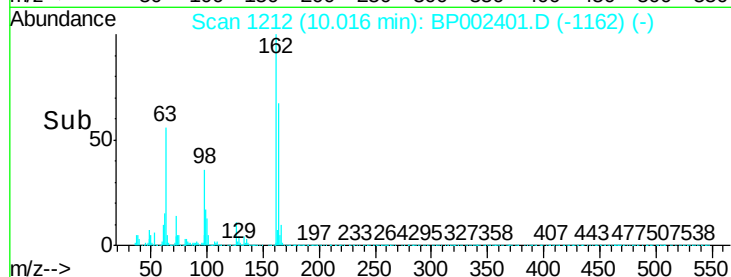
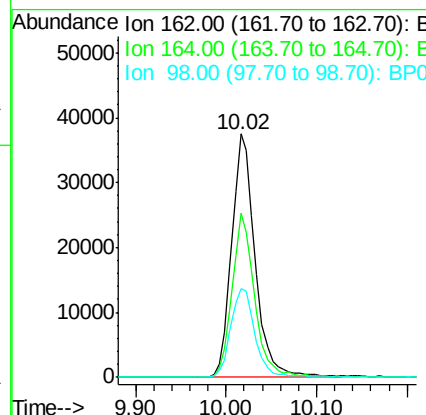
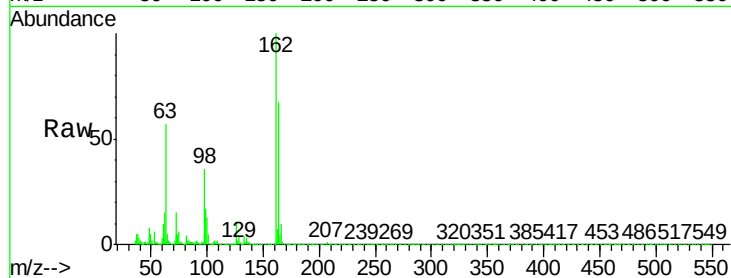
#29
2,4-Dichlorophenol
Concen: 7.650 ng
RT: 10.02 min Scan# 1212
Delta R.T. -0.01 min
Lab File: BP002401.D
Acq: 12 Jun 2020 16:48

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2020

Tot Ion	Ratio	Resp	Lower	Upper
162	100	67516		
164	67.4	45.5	85.5	
98	36.2	16.6	56.6	

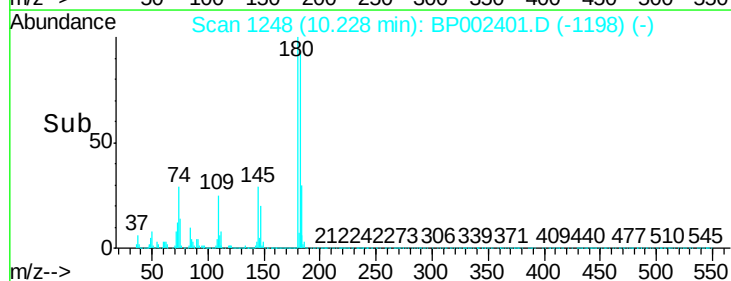
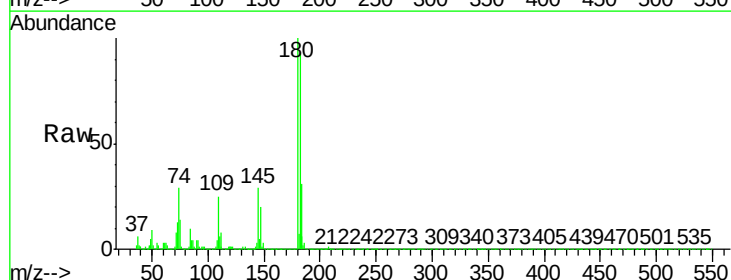
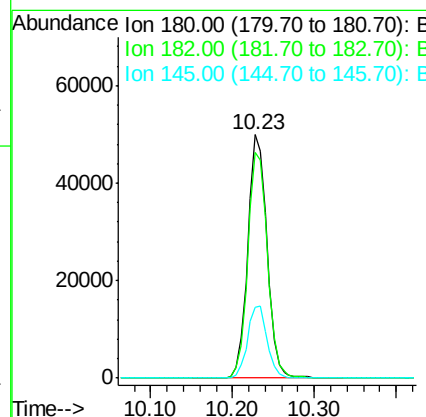
Manual Integrations
APPROVED

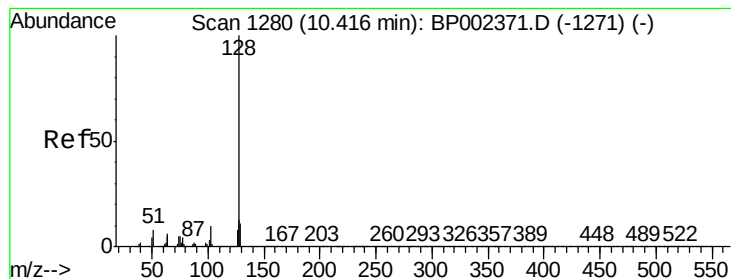
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 8.293 ng
RT: 10.23 min Scan# 1248
Delta R.T. -0.01 min
Lab File: BP002401.D
Acq: 12 Jun 2020 16:48

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	81585		
182	93.0	77.1	115.7	
145	28.8	23.8	35.6	





#31

Naphthalene

Concen: 8.817 ng

RT: 10.41 min Scan# 1279

Delta R.T. -0.01 min

Lab File: BP002401.D

Acq: 12 Jun 2020 16:48

Instrument :

BNA_P

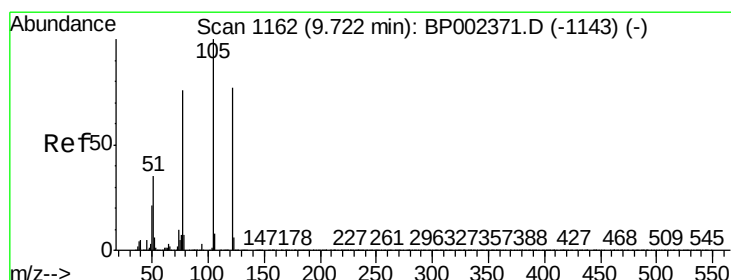
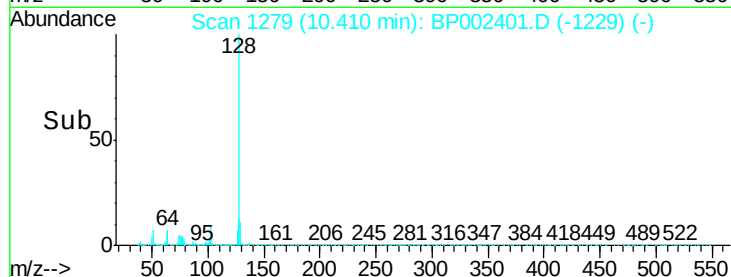
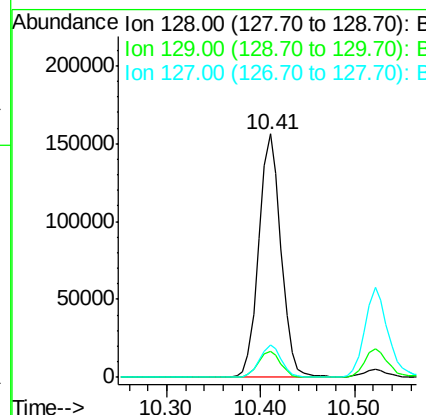
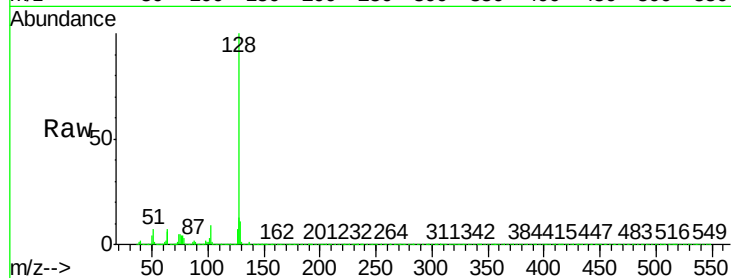
ClientSampleId :

LOD-MDL-SOIL-01-QT2-2020

Tot Ion:	128	Resp:	255205
Ion Ratio	Lower	Upper	
128	100		
129	10.5	8.7	13.1
127	13.1	10.3	15.5

Manual Integrations
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#32

Benzoic acid

Concen: 2.312 ng m

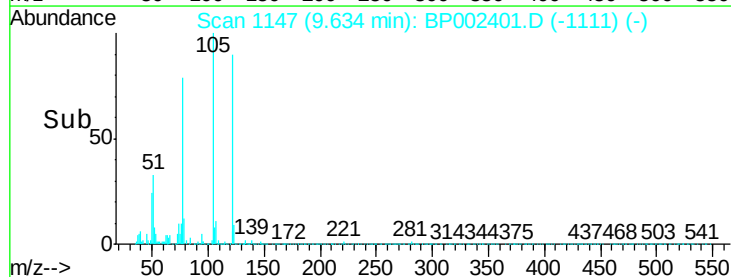
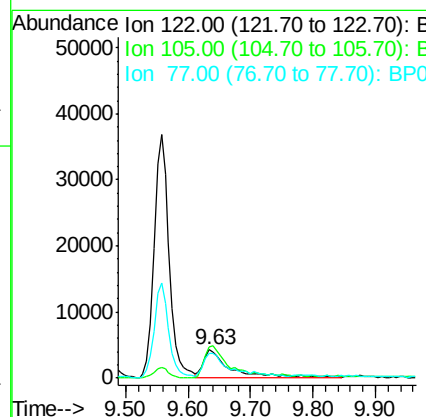
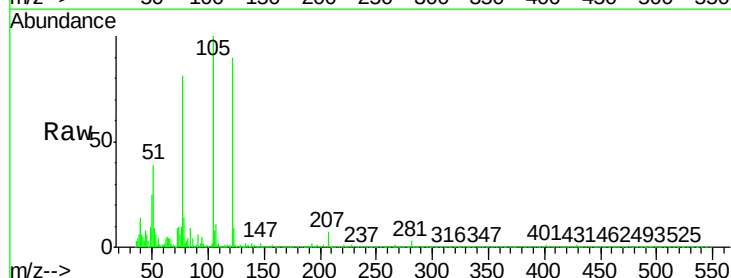
RT: 9.63 min Scan# 1147

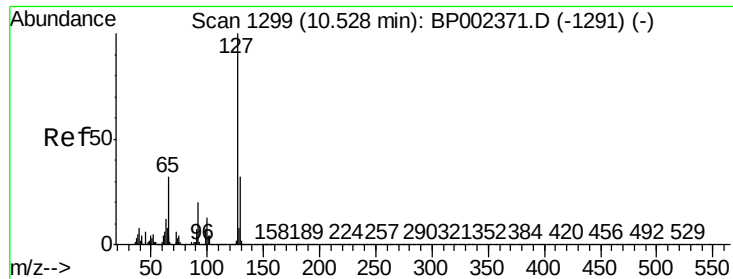
Delta R.T. -0.09 min

Lab File: BP002401.D

Acq: 12 Jun 2020 16:48

Tgt Ion:	122	Resp:	13790
Ion Ratio	Lower	Upper	
122	100		
105	111.2	106.3	146.3
77	89.6	77.5	117.5





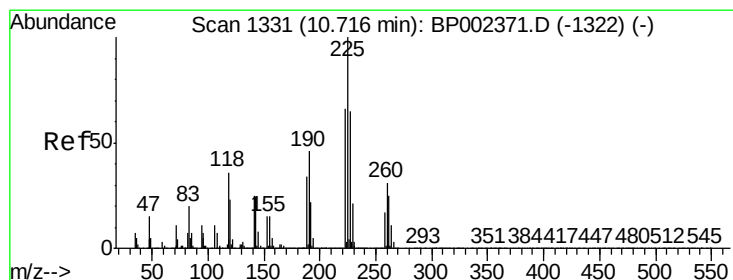
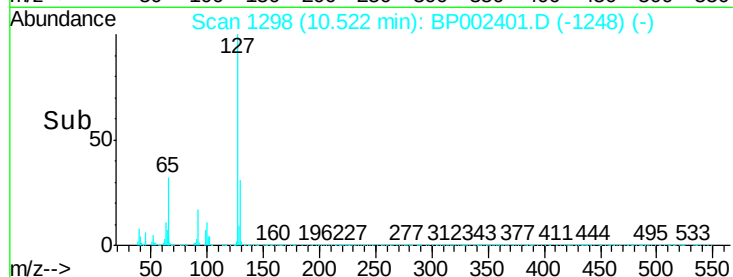
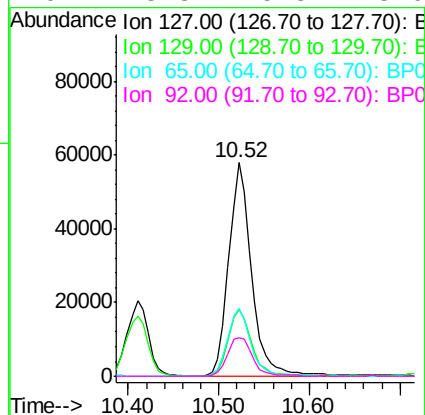
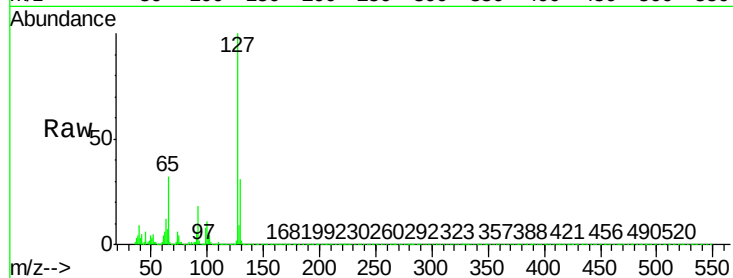
#33
4-Chloroaniline
Concen: 7.988 ng
RT: 10.52 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BP002401.D
Acq: 12 Jun 2020 16:48

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2020

Tot Ion	Ratio	Lower	Upper
127	100		
129	31.4	25.4	38.2
65	31.9	25.3	37.9
92	18.3	15.8	23.6

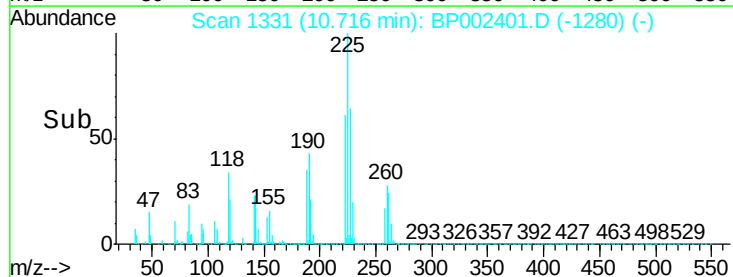
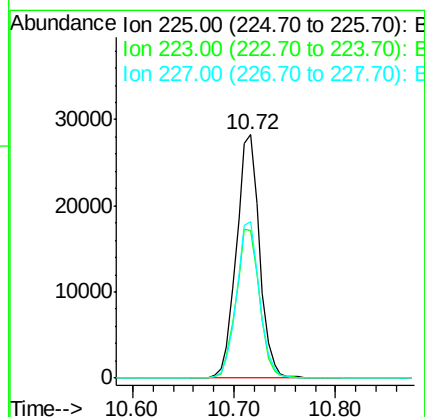
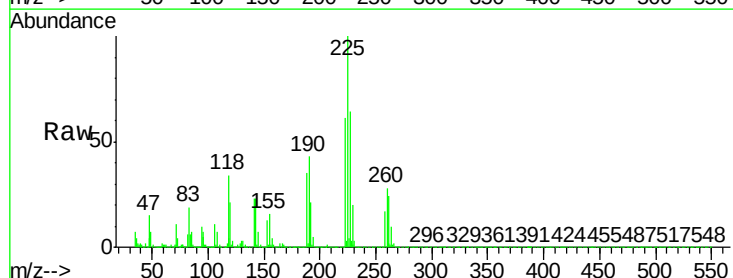
Manual Integrations
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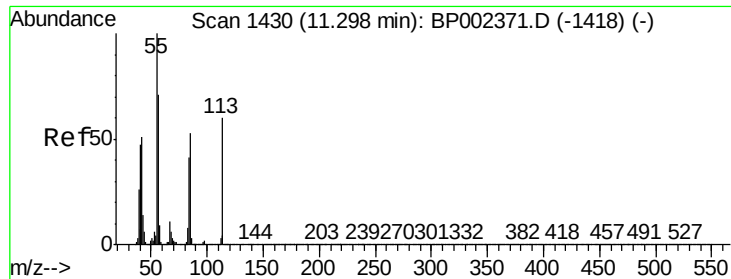
mohammad
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#34
Hexachlorobutadiene
Concen: 7.792 ng
RT: 10.72 min Scan# 1331
Delta R.T. 0.00 min
Lab File: BP002401.D
Acq: 12 Jun 2020 16:48

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.8	52.6	78.8
227	64.1	52.2	78.2





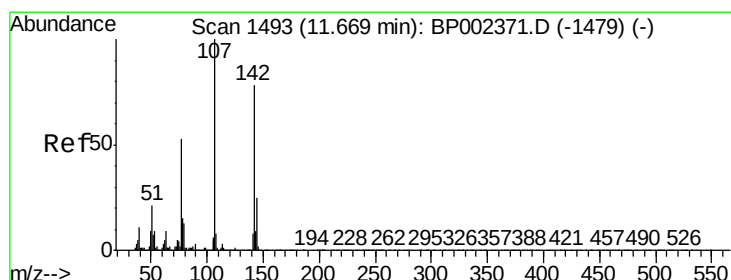
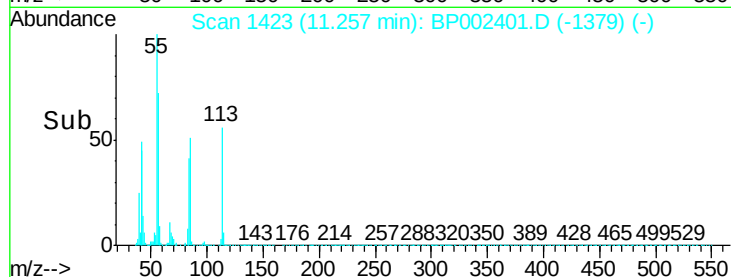
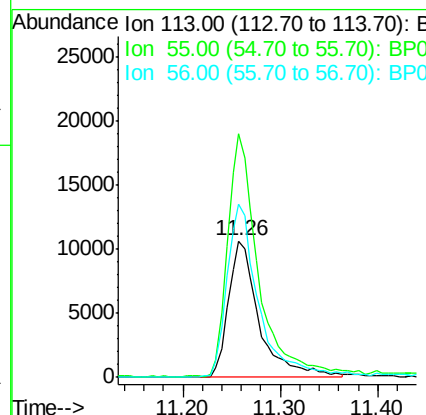
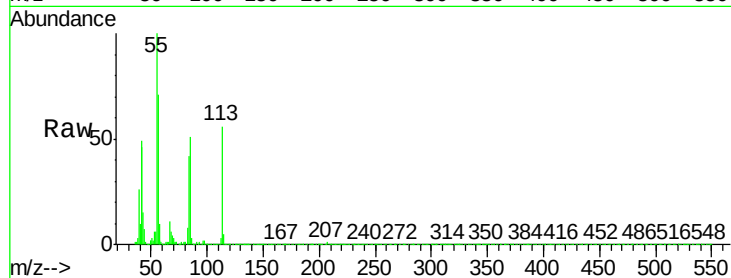
#35
Caprolactam
Concen: 7.485 ng
RT: 11.26 min Scan# 1423
Delta R.T. -0.04 min
Lab File: BP002401.D
Acq: 12 Jun 2020 16:48

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2020

Tot Ion	Ratio	Lower	Upper
113	100		
55	178.4	147.9	187.9
56	126.8	99.9	139.9

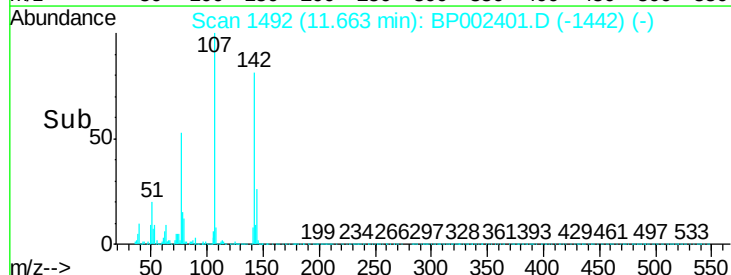
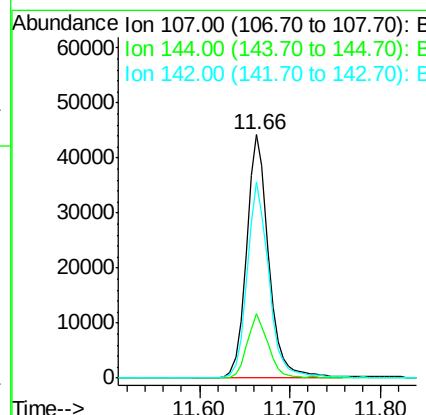
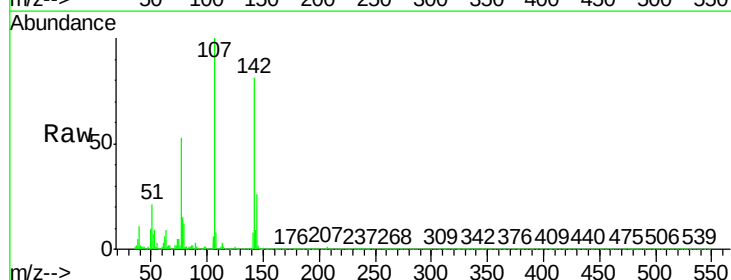
Manual Integrations
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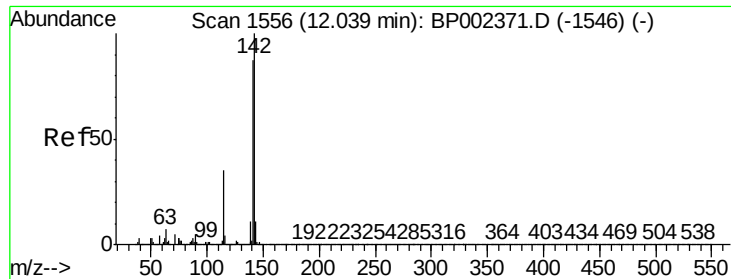
mohammad
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#36
4-Chloro-3-methylphenol
Concen: 7.869 ng
RT: 11.66 min Scan# 1492
Delta R.T. -0.01 min
Lab File: BP002401.D
Acq: 12 Jun 2020 16:48

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.3	20.4	30.6
142	80.6	62.2	93.4





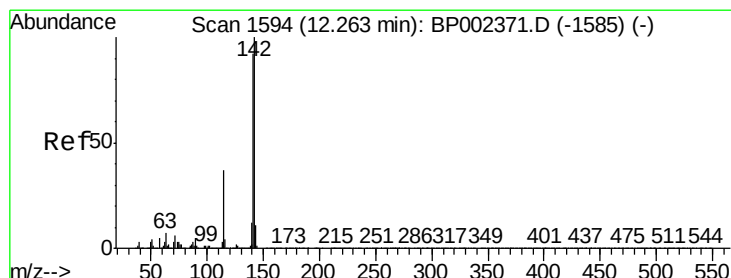
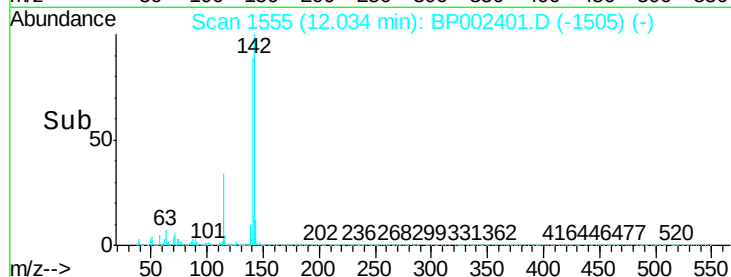
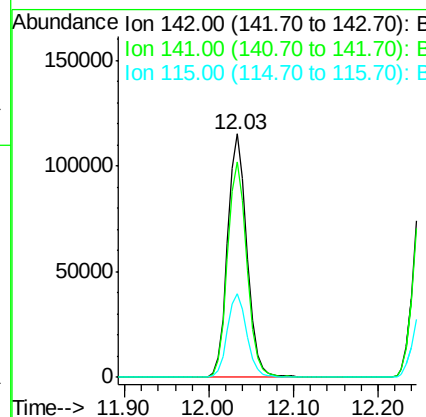
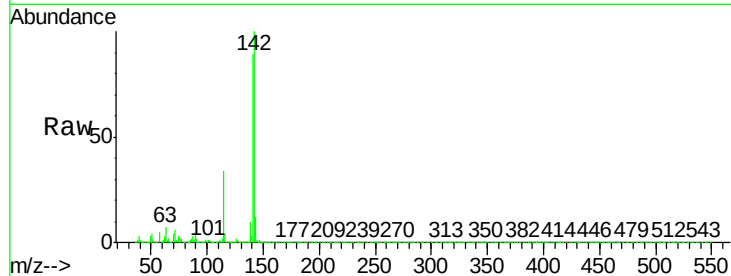
#37
2-Methylnaphthalene
Concen: 8.889 ng
RT: 12.03 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BP002401.D
Acq: 12 Jun 2020 16:48

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2020

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.6	69.7	104.5
115	34.2	27.8	41.8

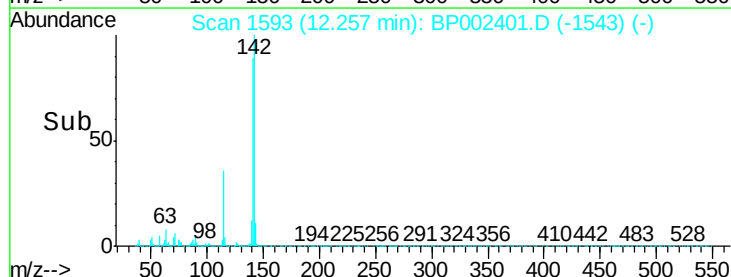
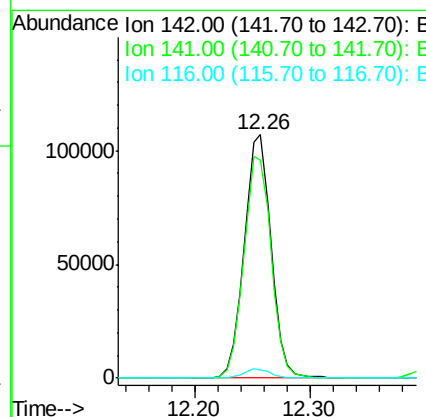
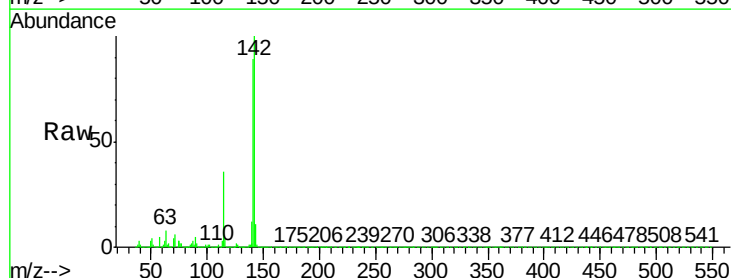
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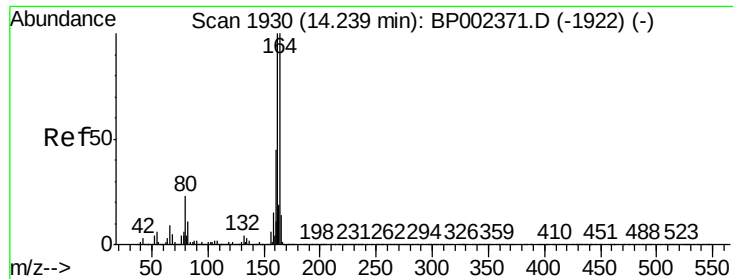
mohammad
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#38
1-Methylnaphthalene
Concen: 8.915 ng
RT: 12.26 min Scan# 1593
Delta R.T. -0.01 min
Lab File: BP002401.D
Acq: 12 Jun 2020 16:48

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.4	73.6	110.4
116	3.5	3.1	4.7





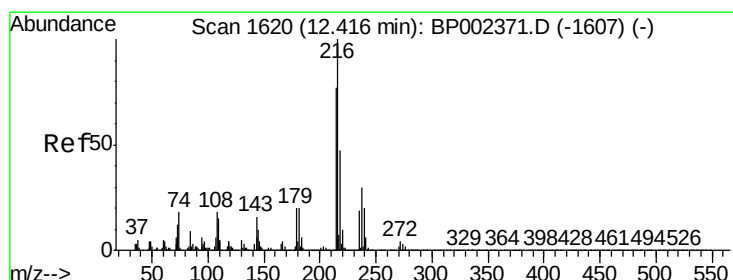
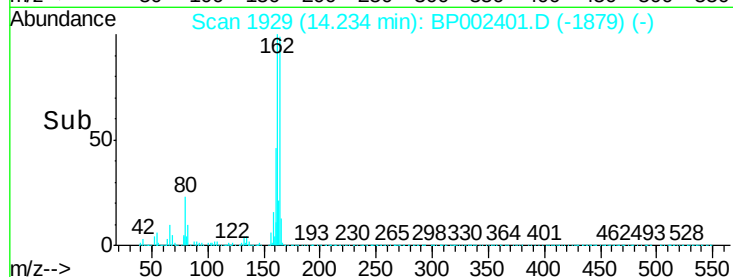
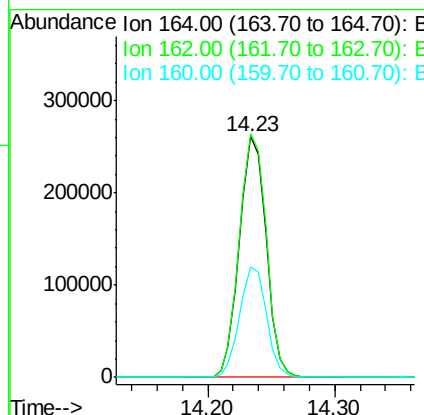
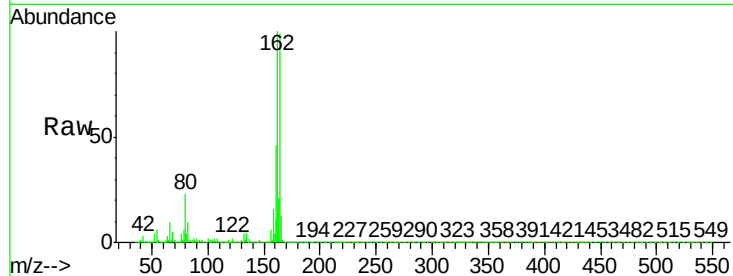
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.23 min Scan# 1929
Delta R.T. -0.01 min
Lab File: BP002401.D
Acq: 12 Jun 2020 16:48

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2020

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.3	79.8	119.8
160	46.2	36.2	54.2

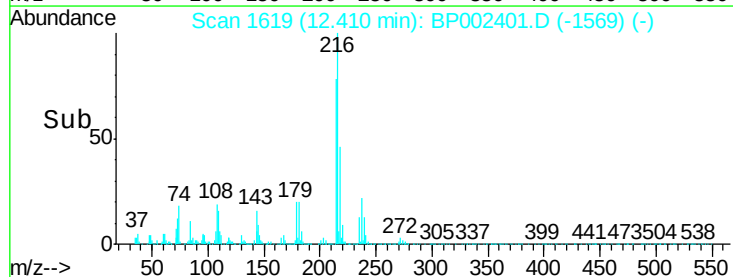
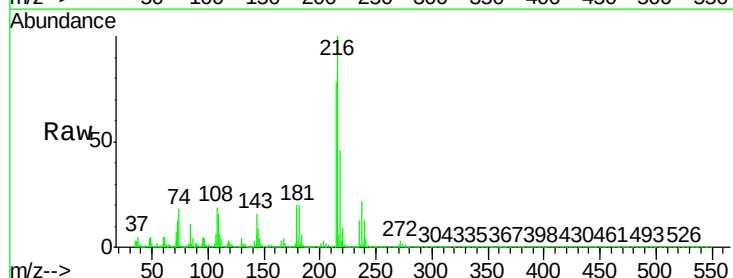
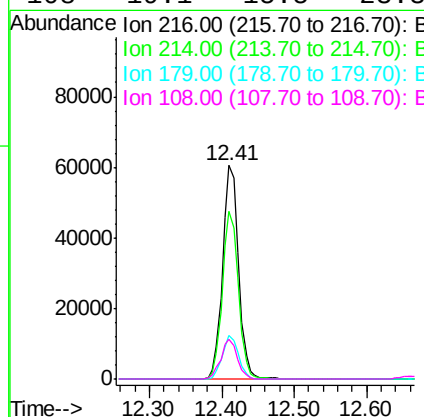
Manual Integrations
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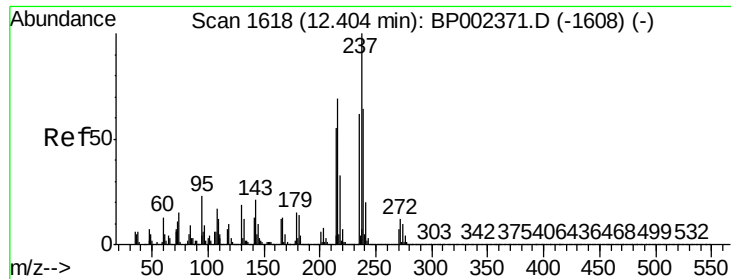
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 9.156 ng
RT: 12.41 min Scan# 1619
Delta R.T. -0.01 min
Lab File: BP002401.D
Acq: 12 Jun 2020 16:48

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.2	62.6	94.0
179	20.6	16.4	24.6
108	19.1	15.5	23.3





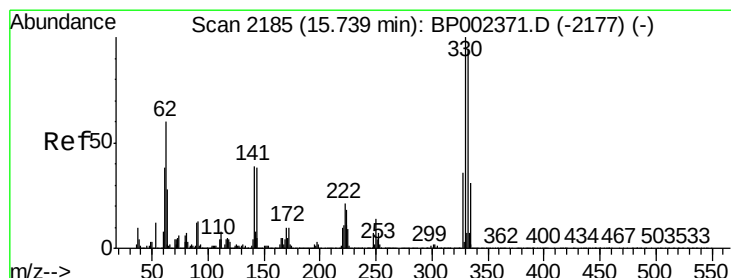
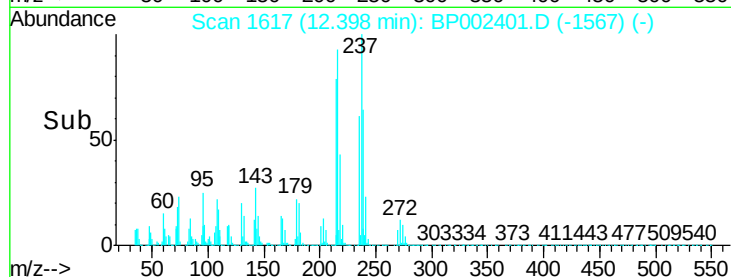
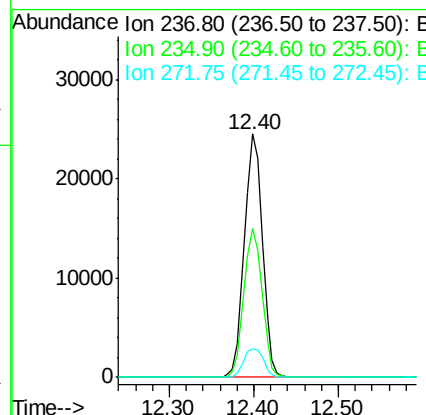
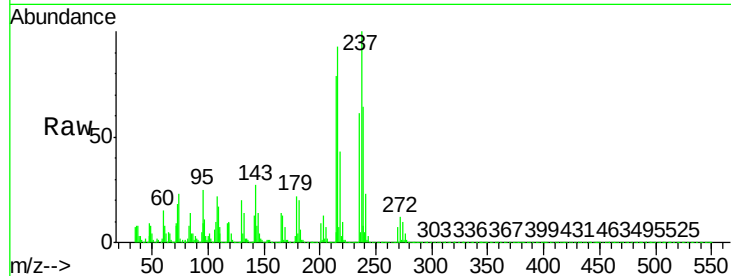
#41
Hexachlorocyclopentadiene
Concen: 6.731 ng
RT: 12.40 min Scan# 1617
Delta R.T. -0.01 min
Lab File: BP002401.D
Acq: 12 Jun 2020 16:48

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2020

Tot Ion	Ratio	Resp	Lower	Upper
237	100			
235	61.0	42.0	82.0	
272	11.7	0.0	32.5	

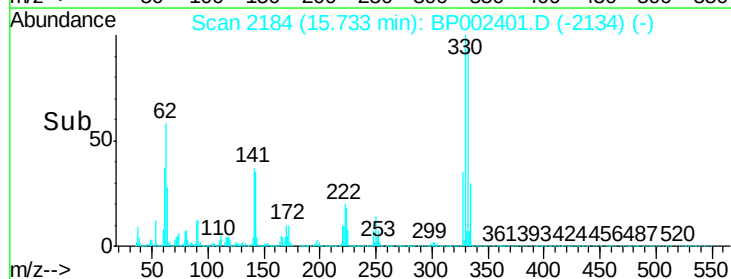
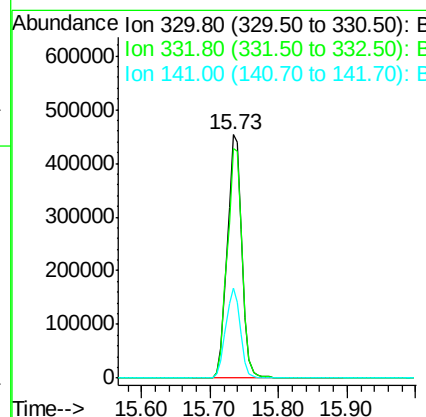
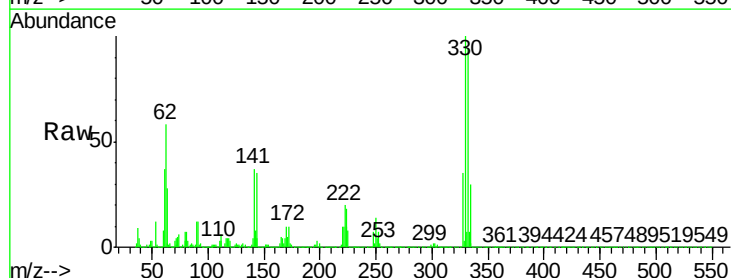
Manual Integrations
APPROVED

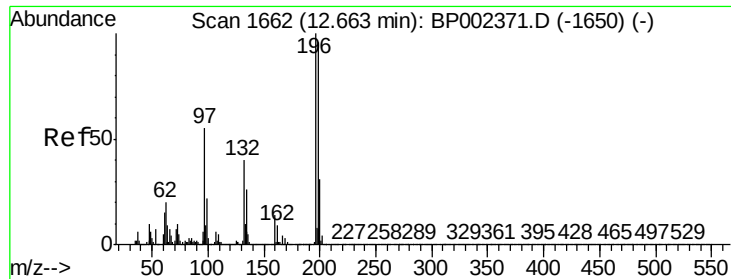
mohammad
6/15/2020 8:47:09 AM



#42
2,4,6-Tribromophenol
Concen: 182.830 ng
RT: 15.73 min Scan# 2184
Delta R.T. -0.01 min
Lab File: BP002401.D
Acq: 12 Jun 2020 16:48

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.3	76.6	115.0	
141	37.0	30.3	45.5	





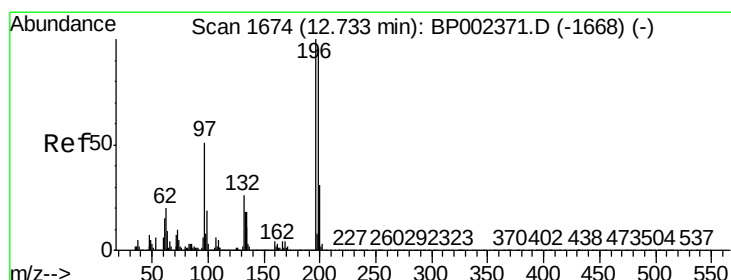
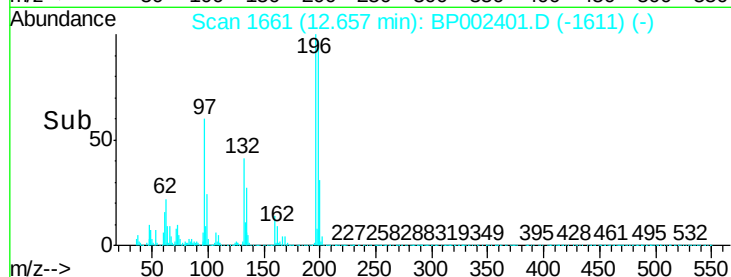
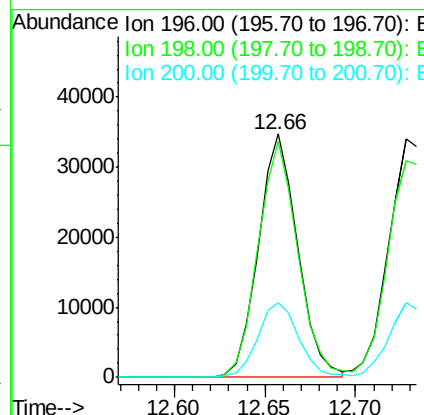
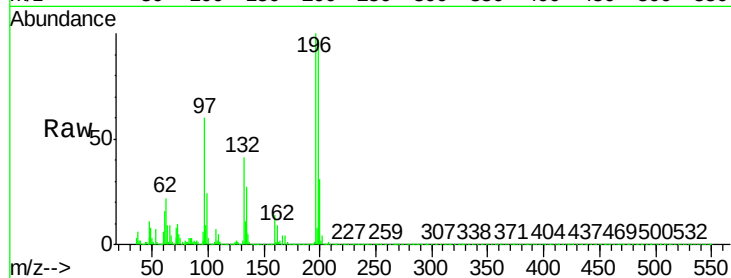
#43
2,4,6-Trichlorophenol
Concen: 7.311 ng
RT: 12.66 min Scan# 1661
Delta R.T. -0.01 min
Lab File: BP002401.D
Acq: 12 Jun 2020 16:48

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2020

Tot Ion	Ratio	Resp	Lower	Upper
196	100	52306		
198	96.7		76.6	115.0
200	30.9		24.7	37.1

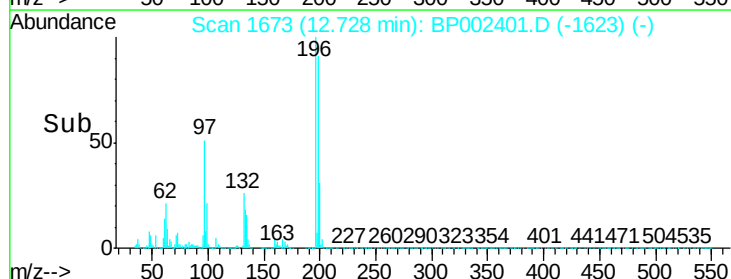
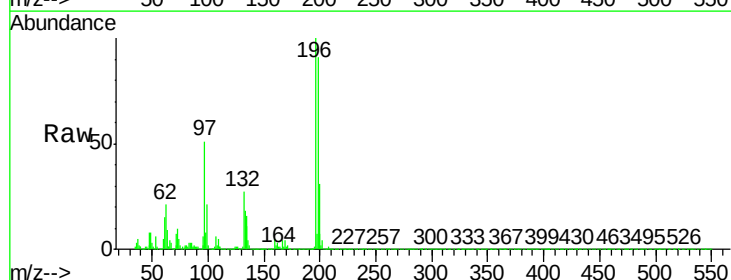
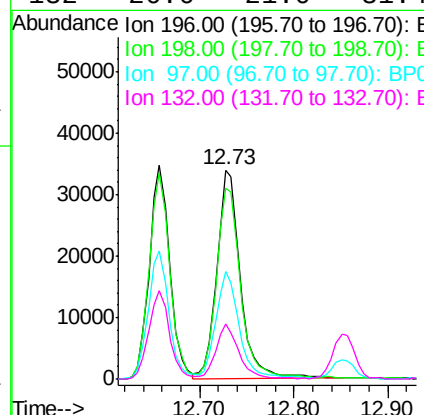
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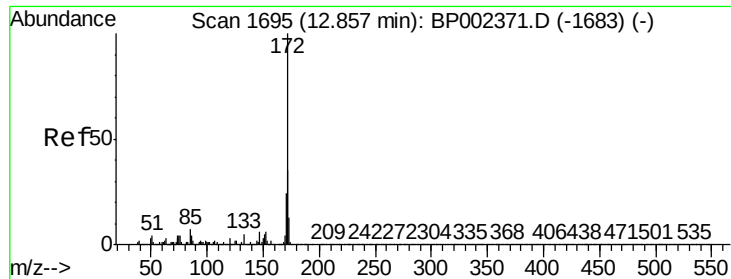
mohammad
6/15/2020 8:47:09 AM



#44
2,4,5-Trichlorophenol
Concen: 7.174 ng
RT: 12.73 min Scan# 1673
Delta R.T. -0.01 min
Lab File: BP002401.D
Acq: 12 Jun 2020 16:48

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	59427		
198	91.0		76.2	114.2
97	51.2		40.6	61.0
132	26.6		21.0	31.4





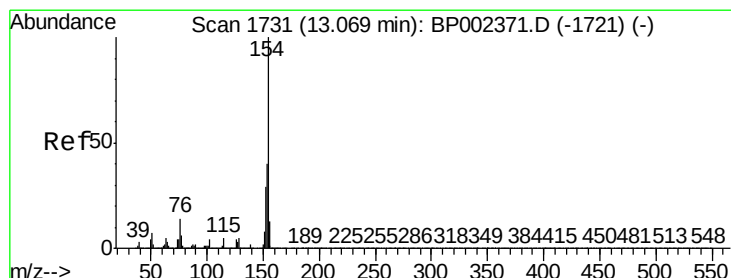
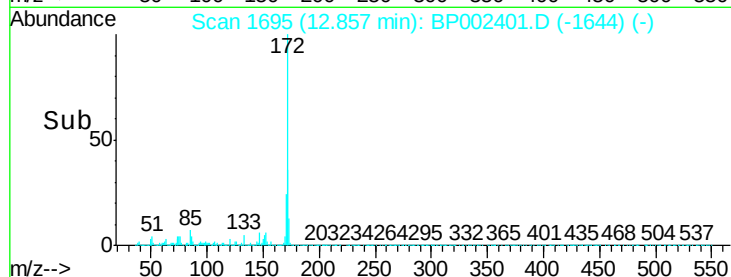
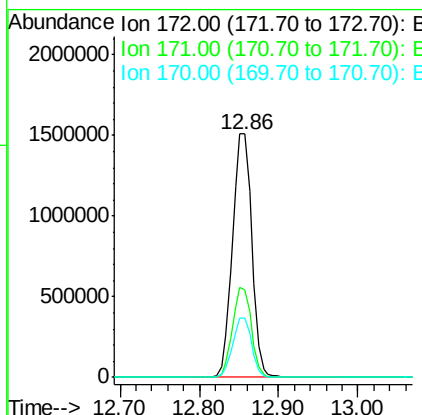
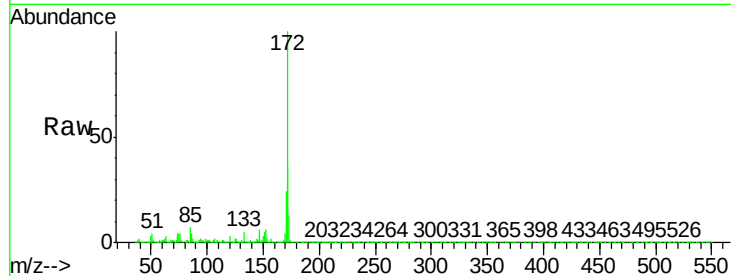
#45
2-Fluorobiphenyl
Concen: 112.111 ng
RT: 12.86 min Scan# 1695
Delta R.T. 0.00 min
Lab File: BP002401.D
Acq: 12 Jun 2020 16:48

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2020

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.0	27.8	41.8
170	24.2	19.0	28.6

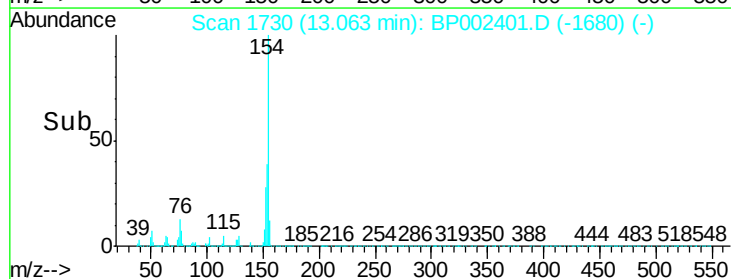
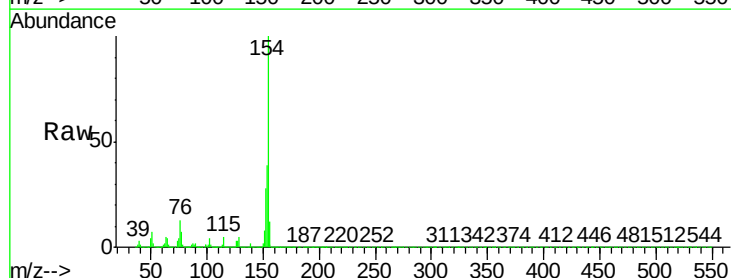
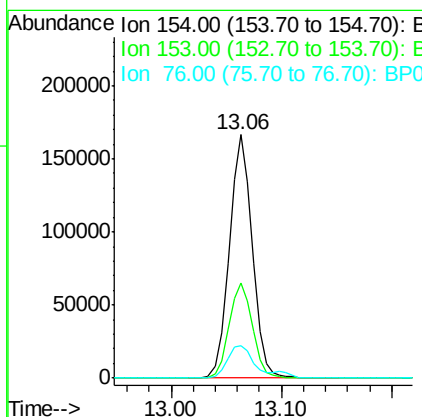
Manual Integrations
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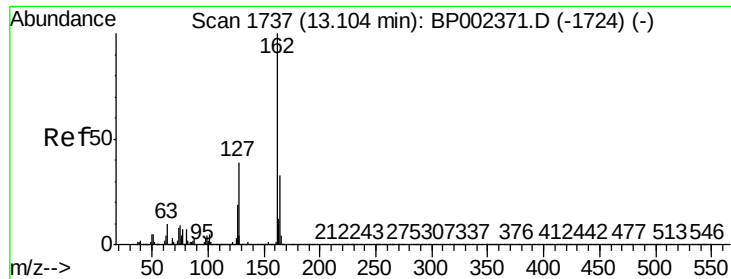
mohammad
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#46
1,1'-Biphenyl
Concen: 9.641 ng
RT: 13.06 min Scan# 1730
Delta R.T. -0.01 min
Lab File: BP002401.D
Acq: 12 Jun 2020 16:48

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.3	20.2	60.2
76	13.4	0.0	34.2





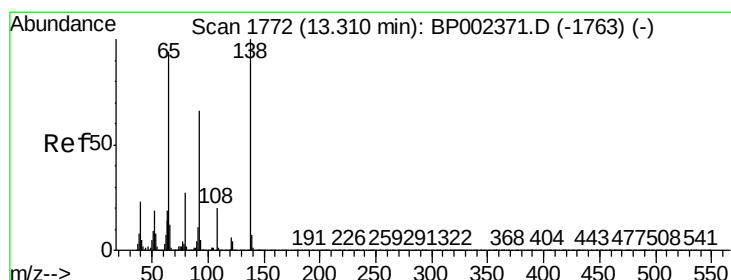
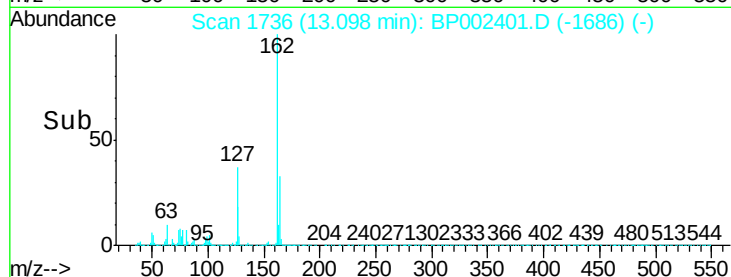
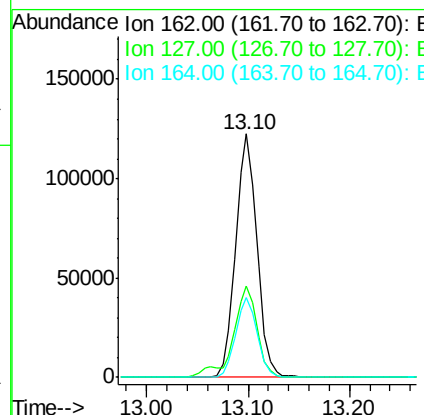
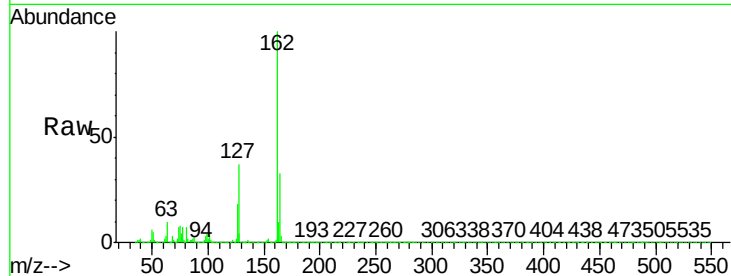
#47
2-Chloronaphthalene
Concen: 8.673 ng
RT: 13.10 min Scan# 1736
Delta R.T. -0.01 min
Lab File: BP002401.D
Acq: 12 Jun 2020 16:48

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2020

Tot Ion	Ratio	Lower	Upper
162	100		
127	37.3	31.0	46.4
164	32.5	26.6	40.0

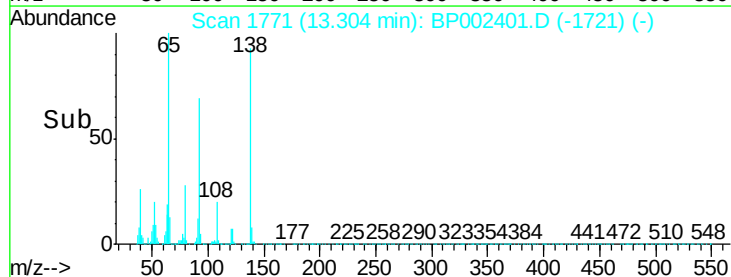
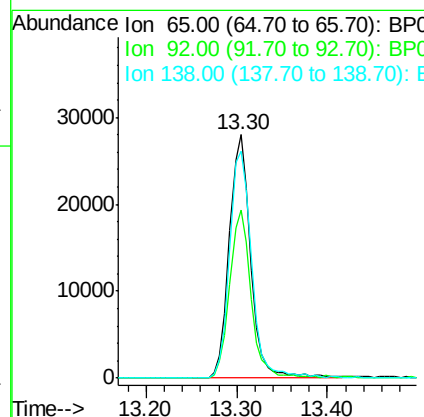
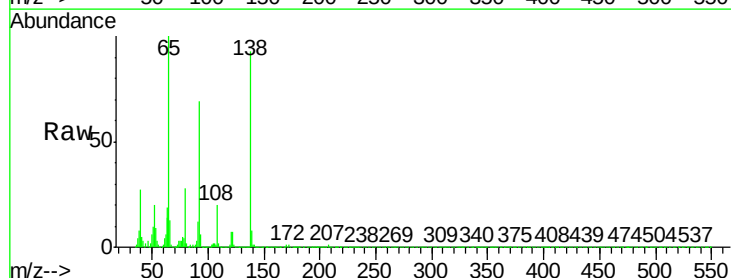
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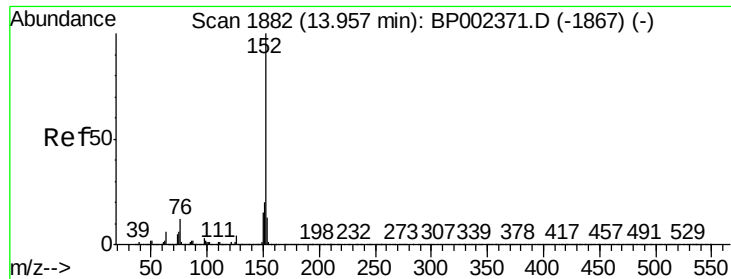
mohammad
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#48
2-Nitroaniline
Concen: 6.970 ng
RT: 13.30 min Scan# 1771
Delta R.T. -0.01 min
Lab File: BP002401.D
Acq: 12 Jun 2020 16:48

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.9	56.3	84.5
138	93.1	85.0	127.6





#49

Acenaphthylene

Concen: 8.642 ng

RT: 13.95 min Scan# 1881

Delta R.T. -0.01 min

Lab File: BP002401.D

Acq: 12 Jun 2020 16:48

Instrument :

BNA_P

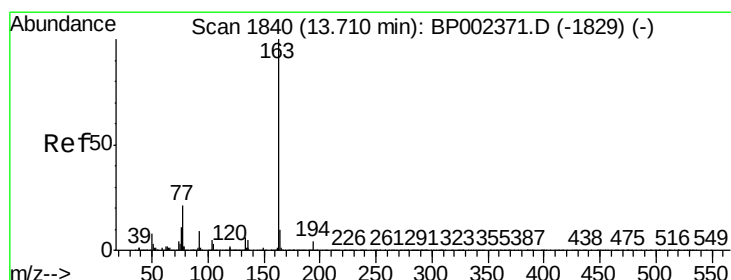
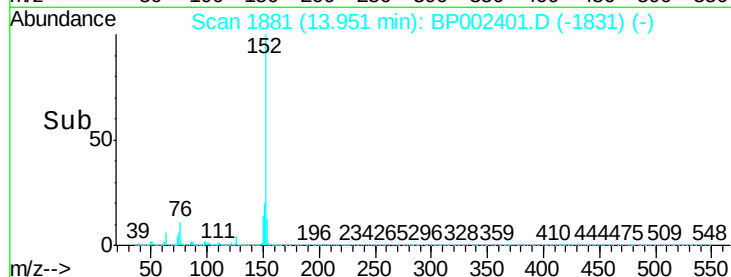
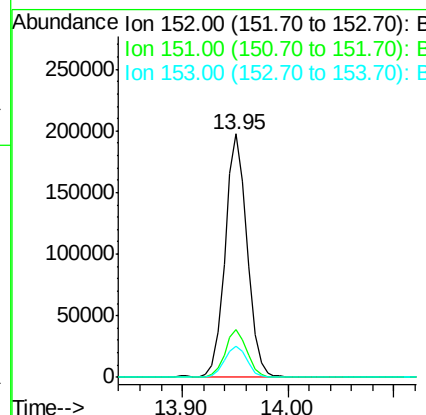
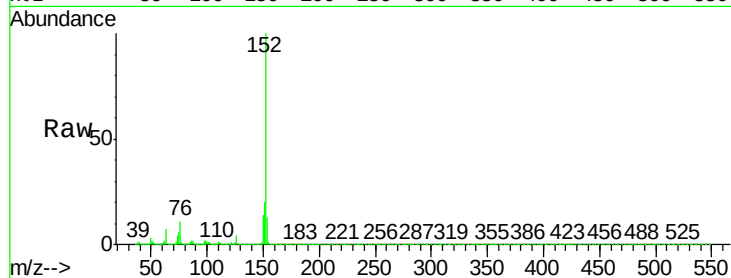
ClientSampleId :

LOD-MDL-SOIL-01-QT2-2020

Tot Ion	Ratio	Resp	Lower	Upper
152	100	283559		
151	19.6		15.7	23.5
153	12.7		10.5	15.7

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#50

Dimethylphthalate

Concen: 8.322 ng

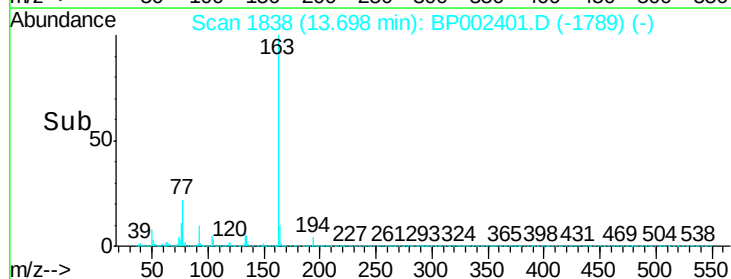
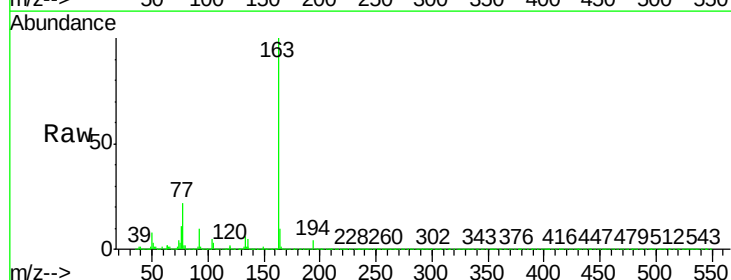
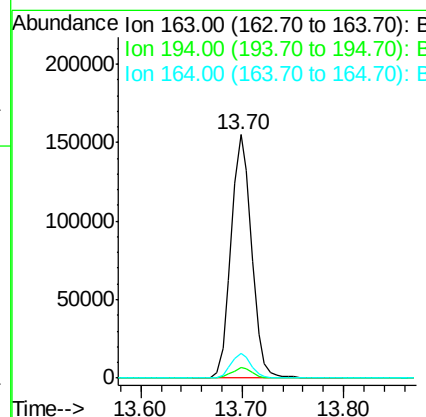
RT: 13.70 min Scan# 1838

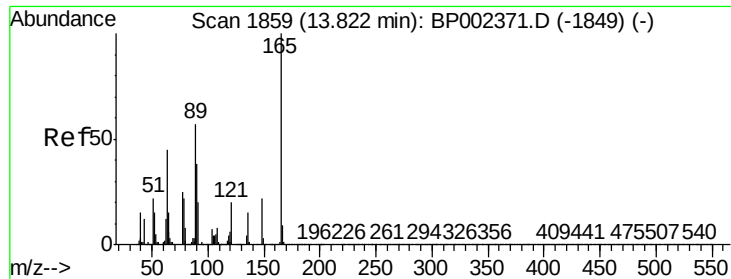
Delta R.T. -0.01 min

Lab File: BP002401.D

Acq: 12 Jun 2020 16:48

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	218684		
194	4.5		3.4	5.0
164	10.2		8.1	12.1





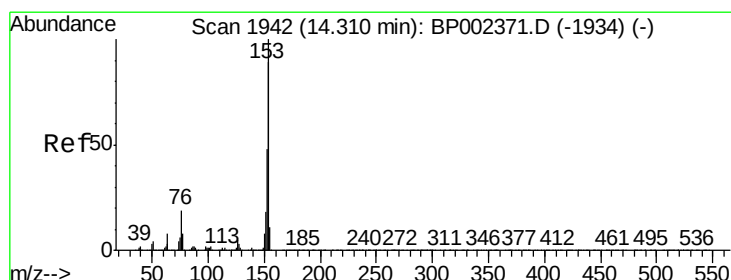
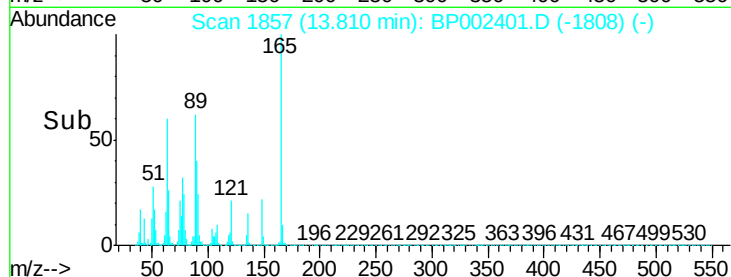
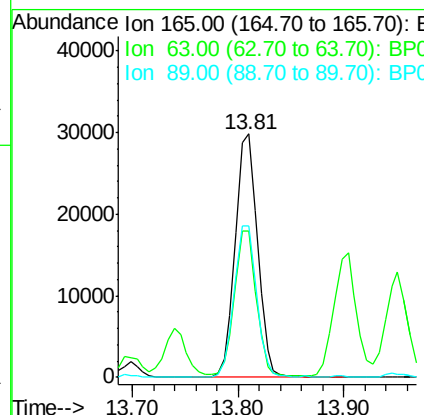
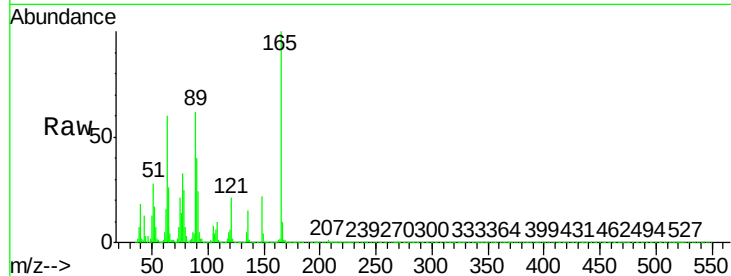
#51
2,6-Dinitrotoluene
Concen: 7.602 ng
RT: 13.81 min Scan# 1857
Delta R.T. -0.01 min
Lab File: BP002401.D
Acq: 12 Jun 2020 16:48

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2020

Tot Ion	Ratio	Lower	Upper
165	100		
63	60.0	43.1	64.7
89	62.0	45.3	67.9

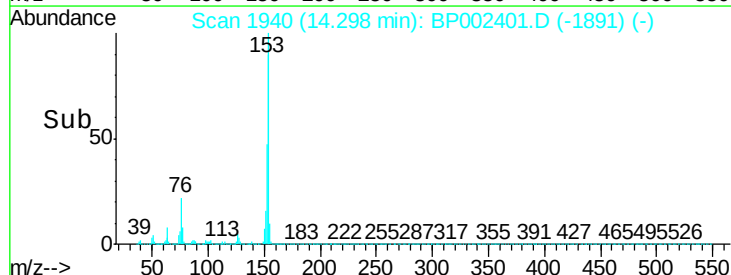
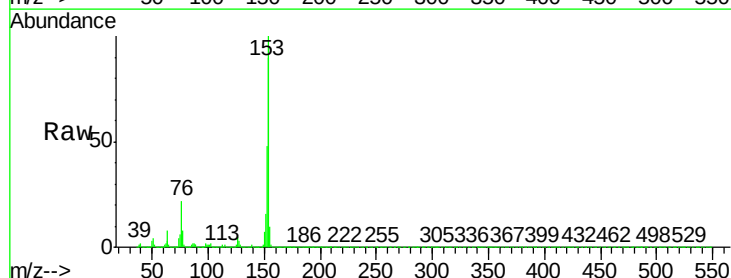
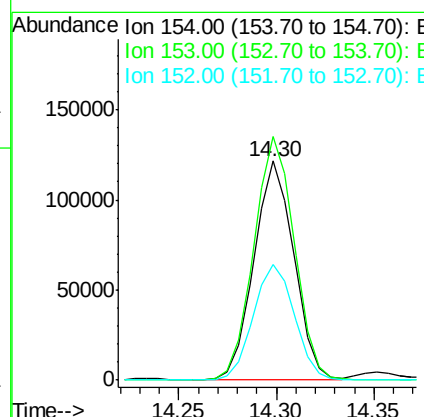
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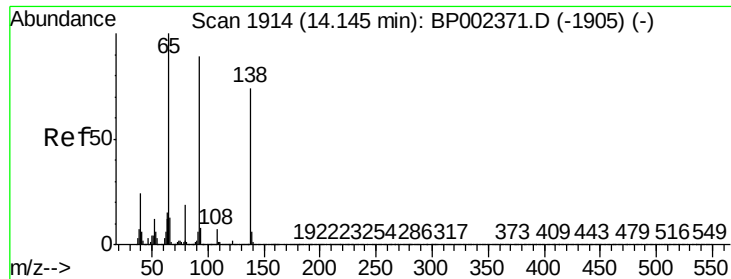
mohammad
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#52
Acenaphthene
Concen: 8.960 ng
RT: 14.30 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BP002401.D
Acq: 12 Jun 2020 16:48

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.3	89.5	134.3
152	53.0	43.3	64.9





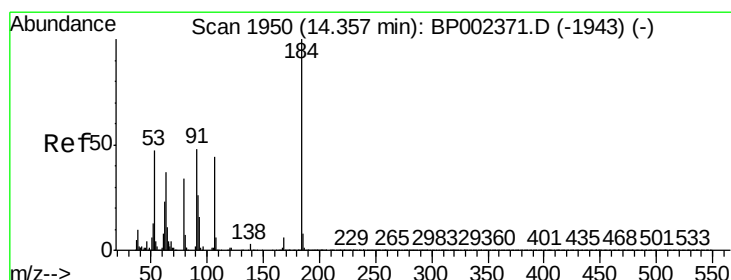
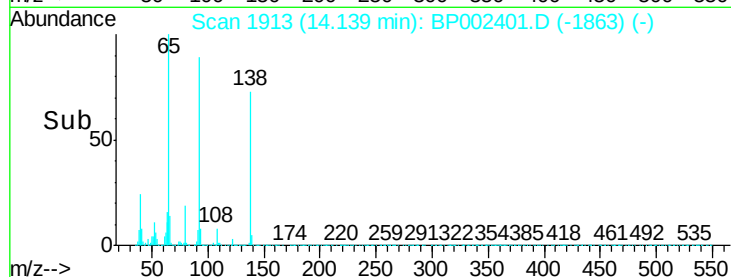
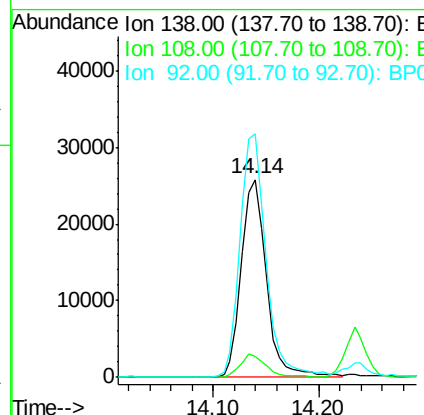
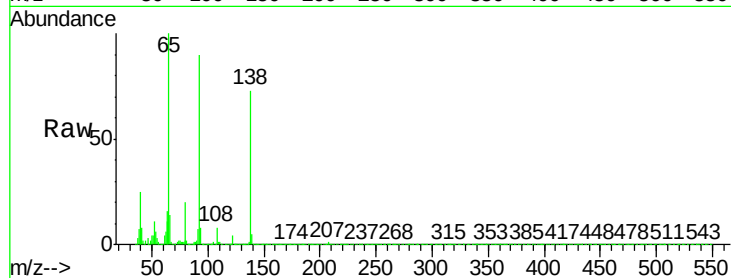
#53
3-Nitroaniline
Concen: 6.552 ng
RT: 14.14 min Scan# 1913
Delta R.T. -0.01 min
Lab File: BP002401.D
Acq: 12 Jun 2020 16:48

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2020

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.8	8.0	12.0
92	123.0	96.2	144.2

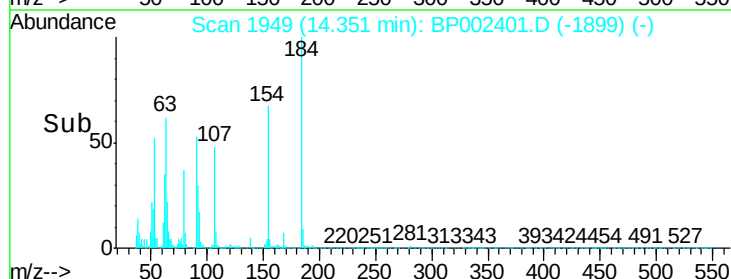
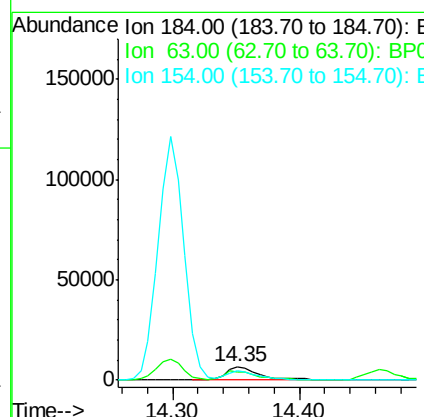
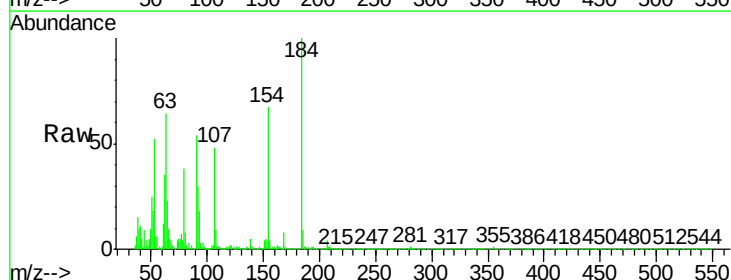
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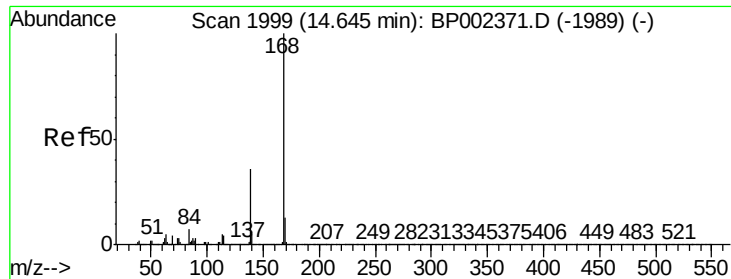
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#54
2,4-Dinitrophenol
Concen: 3.955 ng
RT: 14.35 min Scan# 1949
Delta R.T. -0.00 min
Lab File: BP002401.D
Acq: 12 Jun 2020 16:48

Tgt Ion	Ratio	Lower	Upper
184	100		
63	63.8	52.3	78.5
154	67.4	48.6	72.8





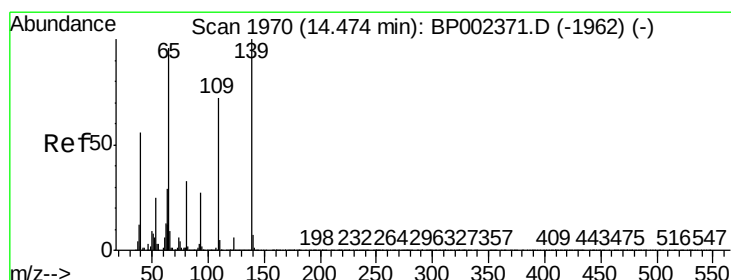
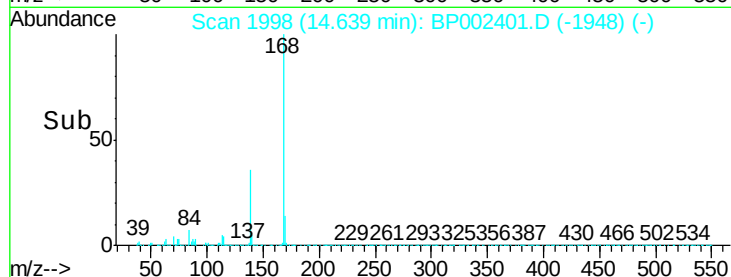
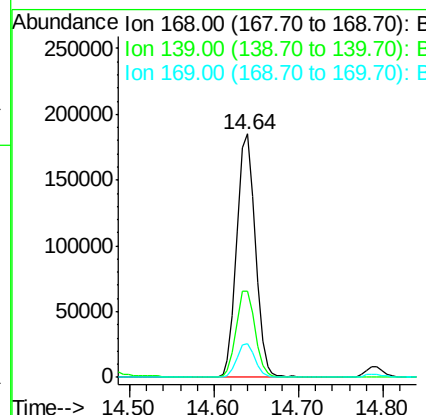
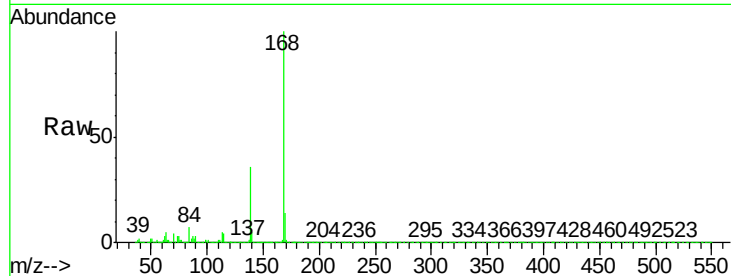
#55
Dibenzenofuran
Concen: 9.010 ng
RT: 14.64 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BP002401.D
Acq: 12 Jun 2020 16:48

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2020

Tot Ion	Ratio	Lower	Upper
168	100		
139	35.5	28.9	43.3
169	13.7	10.6	15.8

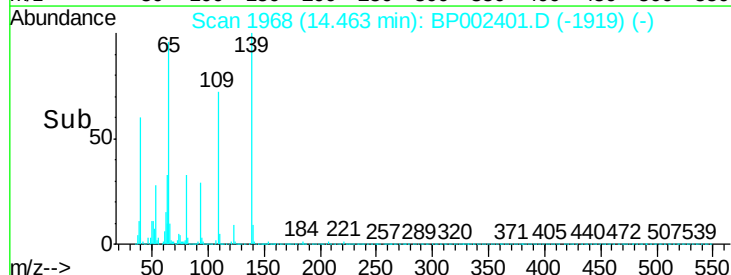
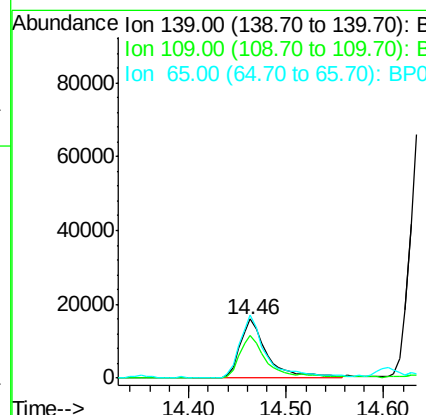
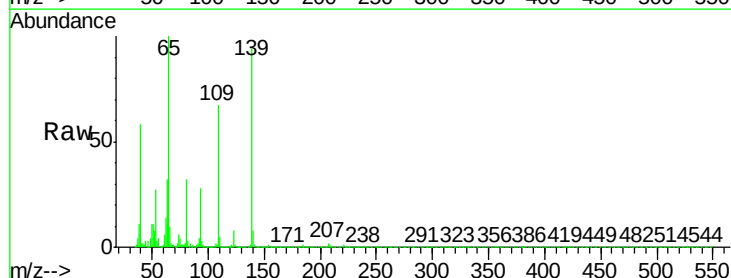
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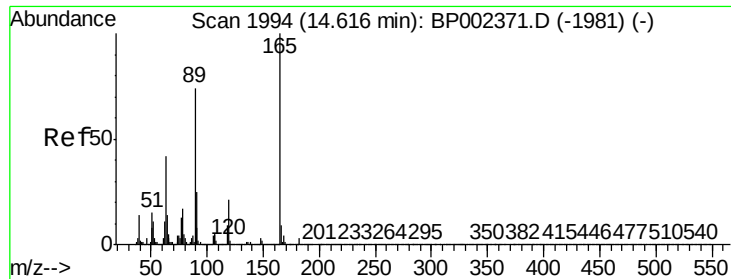
mohammad
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#56
4-Nitrophenol
Concen: 5.970 ng
RT: 14.46 min Scan# 1968
Delta R.T. -0.01 min
Lab File: BP002401.D
Acq: 12 Jun 2020 16:48

Tgt Ion	Ratio	Lower	Upper
139	100		
109	71.5	52.0	92.0
65	106.7	76.3	116.3





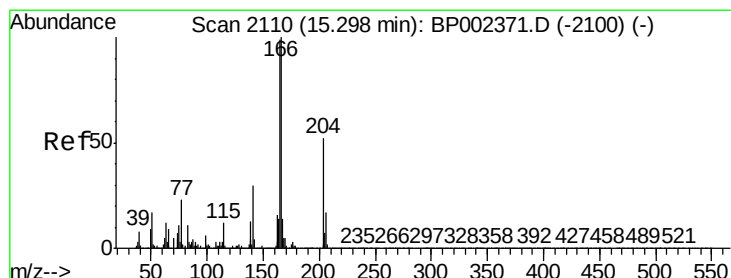
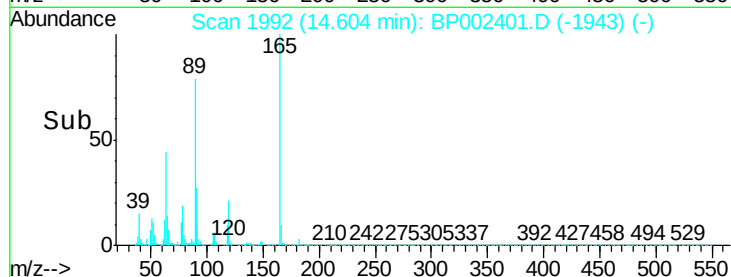
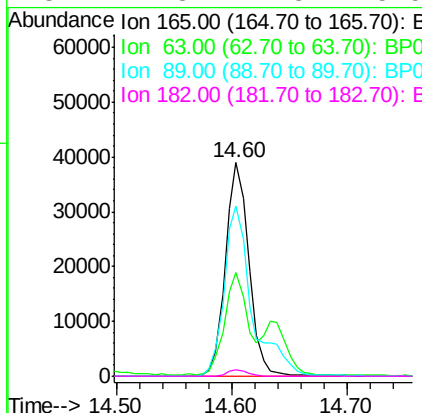
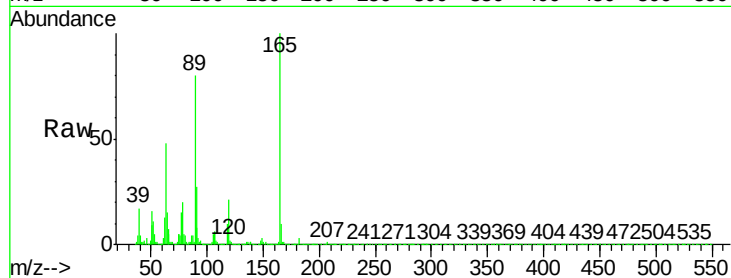
#57
2,4-Dinitrotoluene
Concen: 7.078 ng
RT: 14.60 min Scan# 1992
Delta R.T. -0.01 min
Lab File: BP002401.D
Acq: 12 Jun 2020 16:48

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2020

Tot Ion:	165	Resp:	54977
Ion Ratio	Lower	Upper	
165	100		
63	48.3	34.2	51.2
89	79.7	59.3	88.9
182	2.8	2.3	3.5

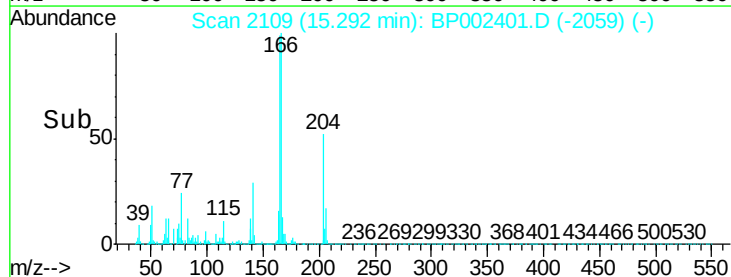
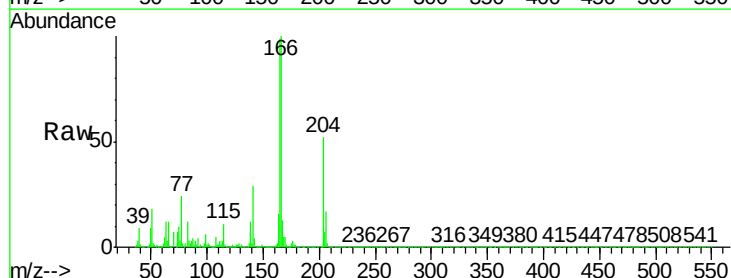
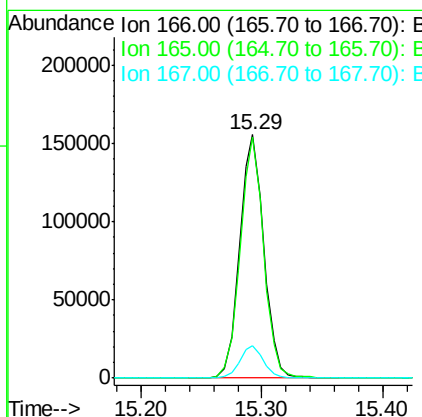
Manual Integrations
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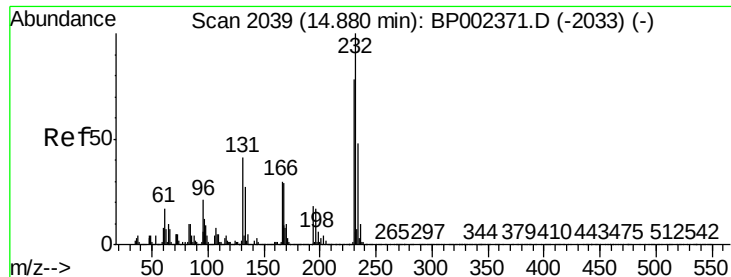
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#58
Fluorene
Concen: 8.897 ng
RT: 15.29 min Scan# 2109
Delta R.T. -0.00 min
Lab File: BP002401.D
Acq: 12 Jun 2020 16:48

Tgt Ion:	166	Resp:	216569
Ion Ratio	Lower	Upper	
166	100		
165	98.8	79.1	118.7
167	13.4	11.0	16.4





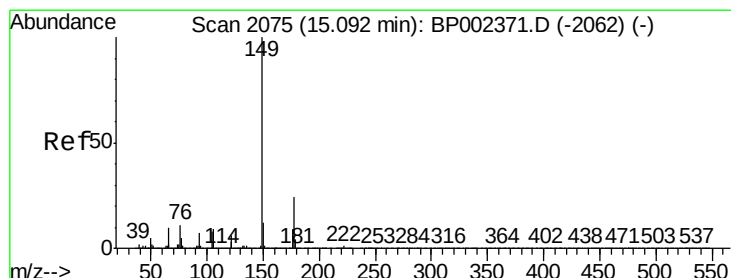
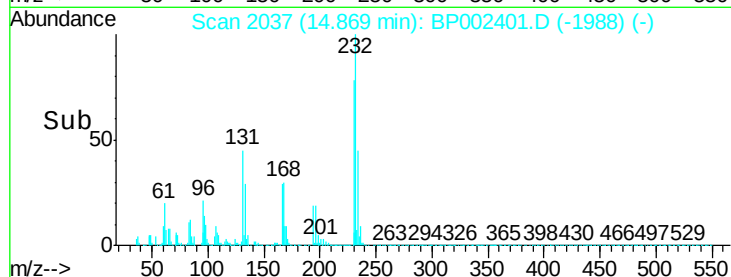
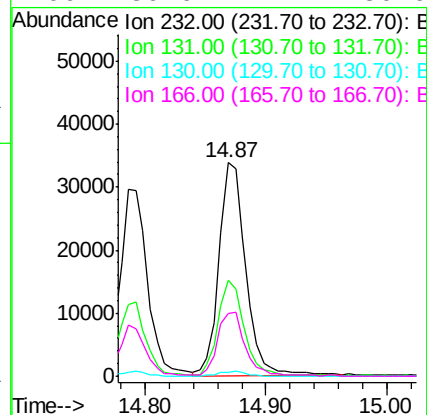
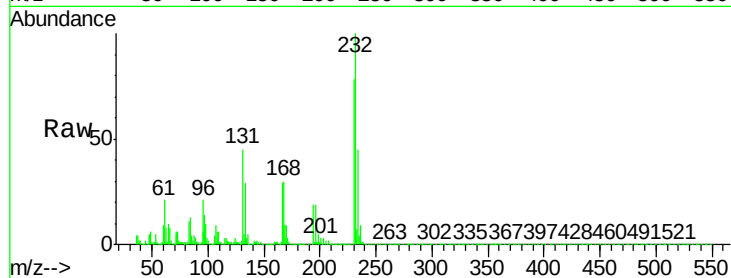
#59
2,3,4,6-Tetrachlorophenol
Concen: 7.803 ng
RT: 14.87 min Scan# 2037
Delta R.T. -0.01 min
Lab File: BP002401.D
Acq: 12 Jun 2020 16:48

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2020

Tot Ion	Ratio	Lower	Upper
232	100		
131	43.8	35.1	52.7
130	2.4	1.8	2.8
166	30.6	24.4	36.6

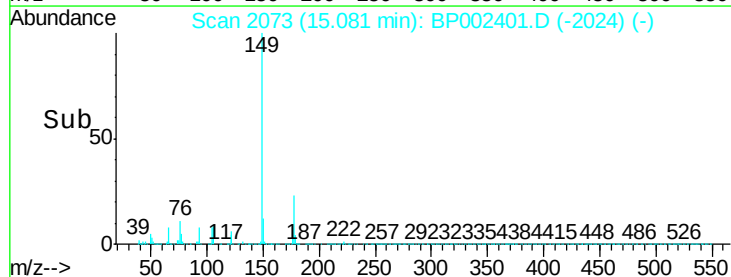
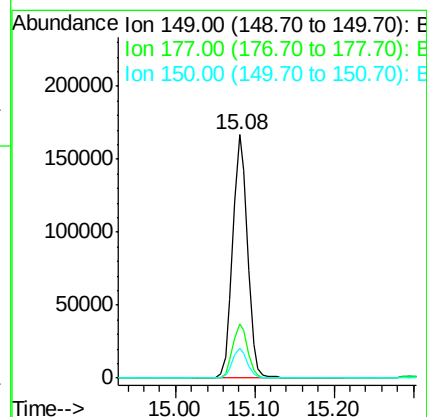
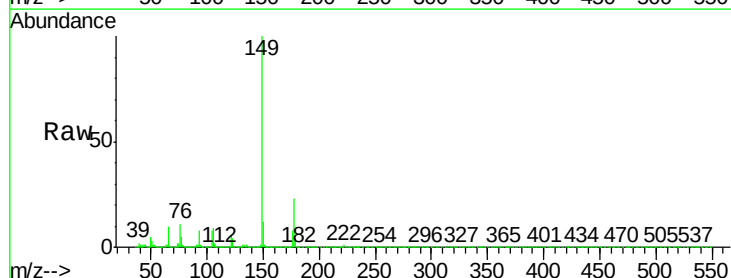
Manual Integrations
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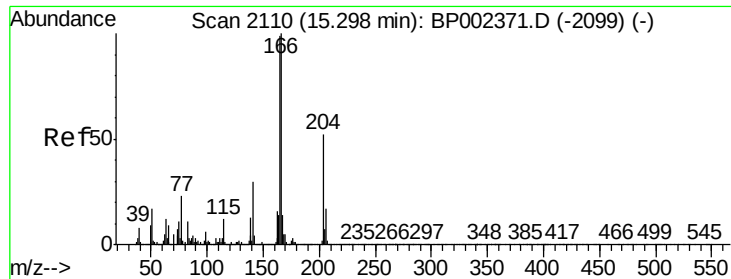
mohammad
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#60
Diethylphthalate
Concen: 8.245 ng
RT: 15.08 min Scan# 2073
Delta R.T. -0.01 min
Lab File: BP002401.D
Acq: 12 Jun 2020 16:48

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.5	18.9	28.3
150	12.3	9.9	14.9





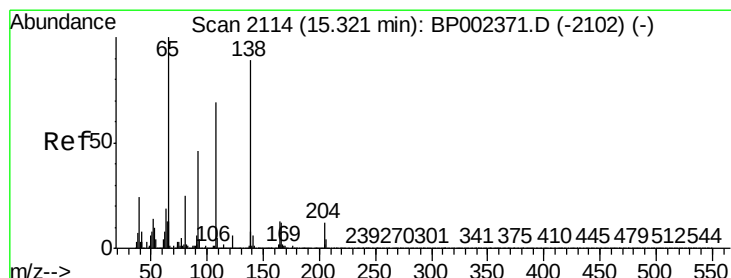
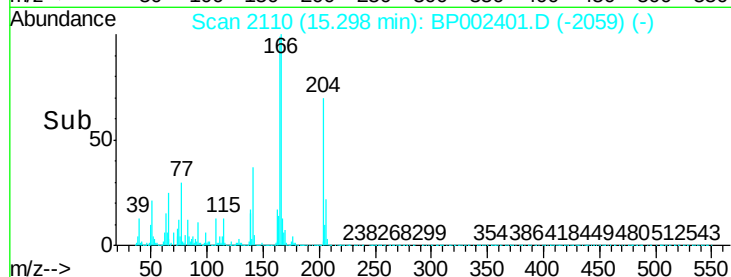
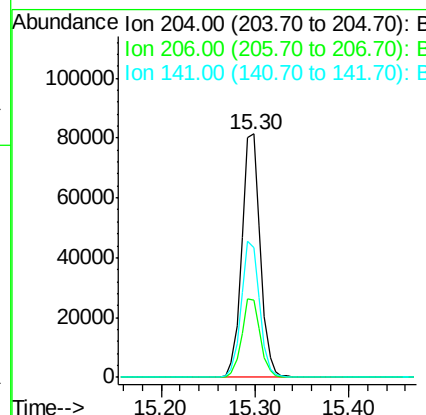
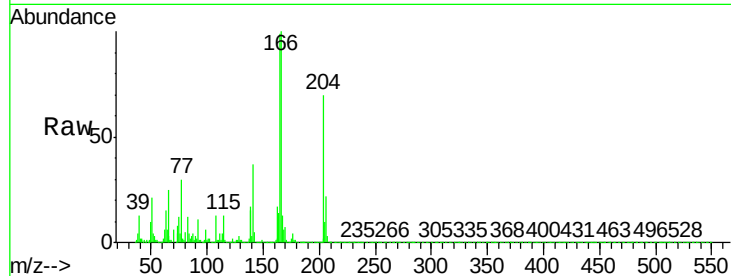
#61
4-Chlorophenyl-phenylether
Concen: 9.371 ng
RT: 15.30 min Scan# 2110
Delta R.T. 0.00 min
Lab File: BP002401.D
Acq: 12 Jun 2020 16:48

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2020

Tot Ion	Ratio	Lower	Upper
204	100		
206	31.5	26.8	40.2
141	53.2	46.6	69.8

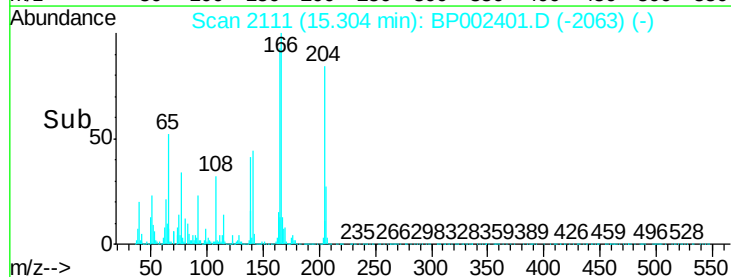
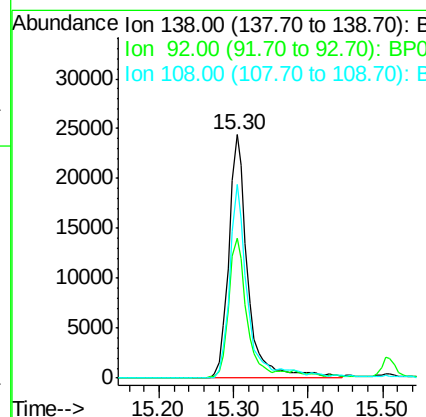
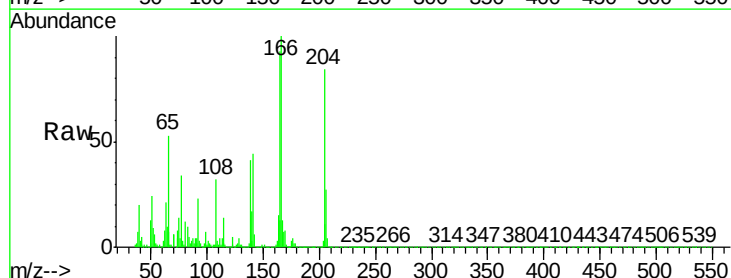
Manual Integrations
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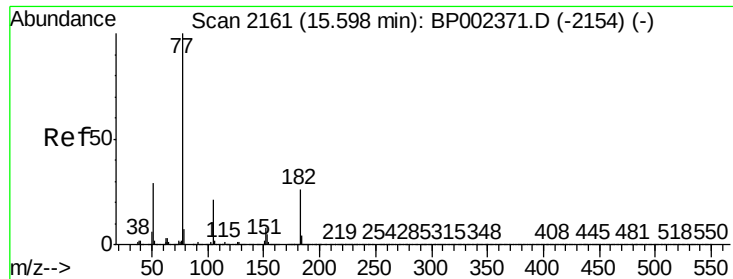
mohammad
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#62
4-Nitroaniline
Concen: 6.970 ng
RT: 15.30 min Scan# 2111
Delta R.T. -0.02 min
Lab File: BP002401.D
Acq: 12 Jun 2020 16:48

Tgt Ion	Ratio	Lower	Upper
138	100		
92	57.3	31.7	71.7
108	79.4	57.5	97.5





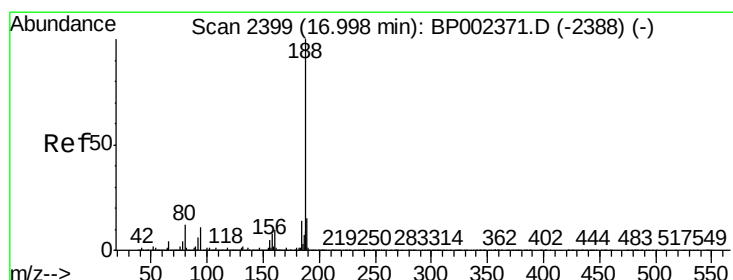
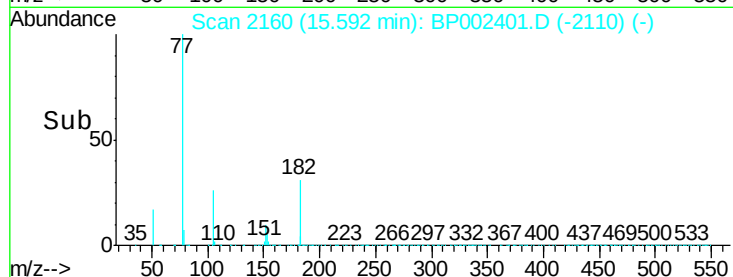
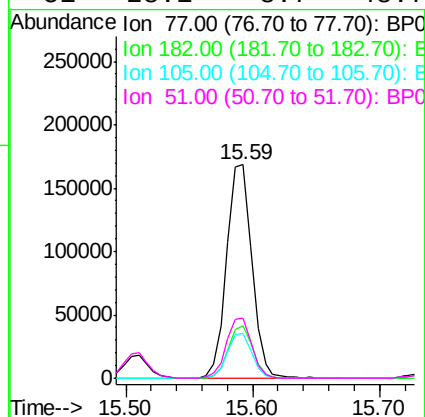
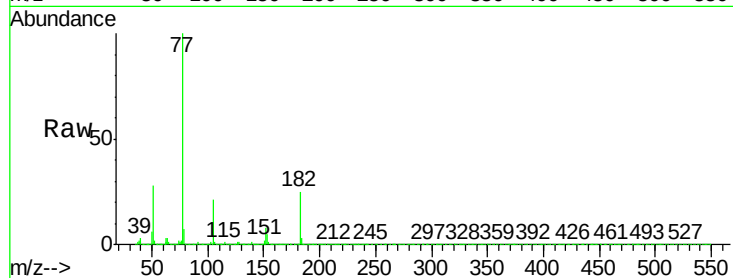
#63
Azobenzene
Concen: 8.837 ng
RT: 15.59 min Scan# 2160
Delta R.T. -0.01 min
Lab File: BP002401.D
Acq: 12 Jun 2020 16:48

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2020

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	24.6	6.0	46.0		
105	20.7	1.3	41.3		
51	28.1	8.7	48.7		

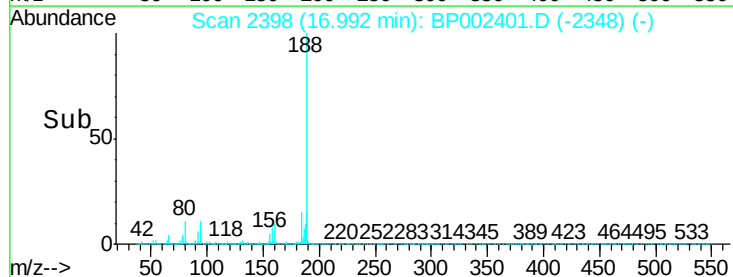
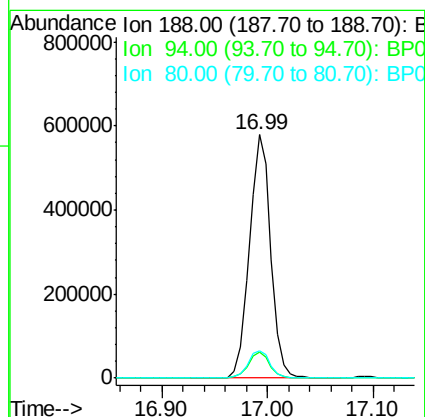
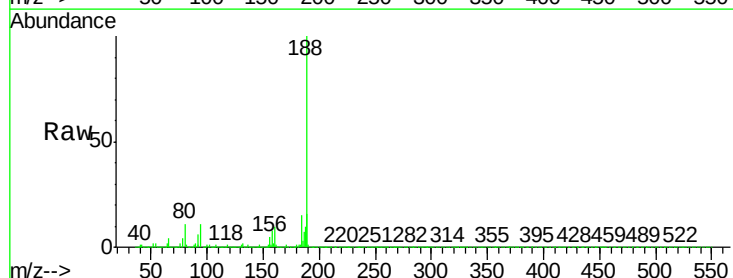
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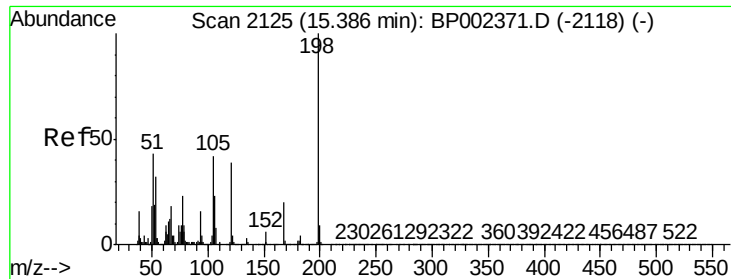
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.99 min Scan# 2398
Delta R.T. -0.01 min
Lab File: BP002401.D
Acq: 12 Jun 2020 16:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	10.9	8.5	12.7		
80	11.5	9.4	14.0		





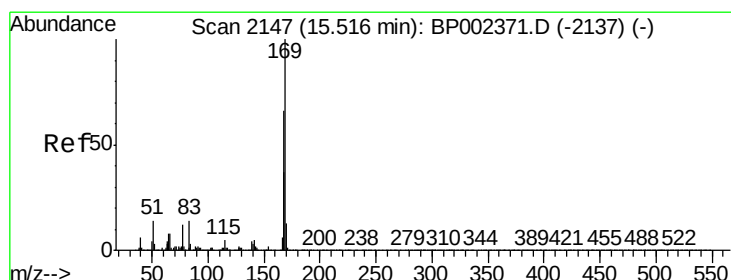
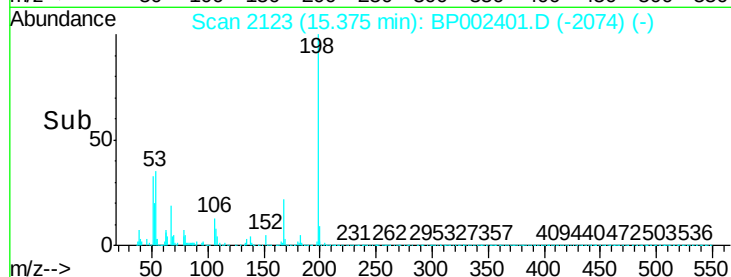
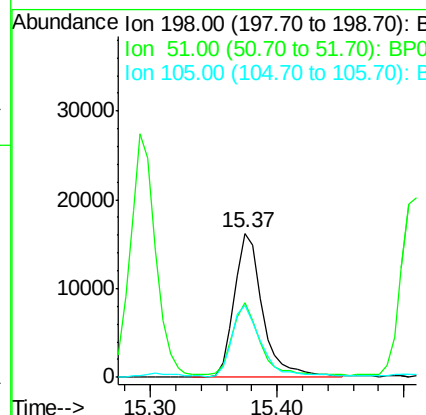
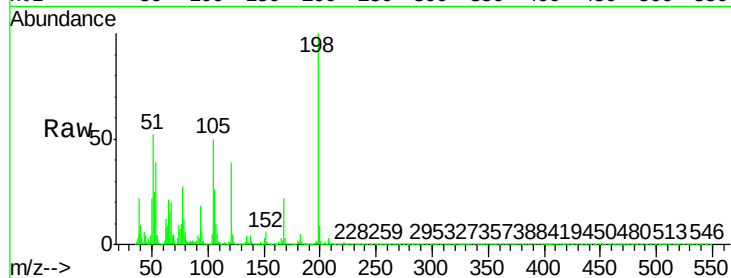
#65
4,6-Dinitro-2-methylphenol
Concen: 5.873 ng
RT: 15.37 min Scan# 2123
Delta R.T. -0.01 min
Lab File: BP002401.D
Acq: 12 Jun 2020 16:48

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2020

Tot Ion	Ratio	Lower	Upper
198	100		
51	51.5	23.4	63.4
105	49.9	22.5	62.5

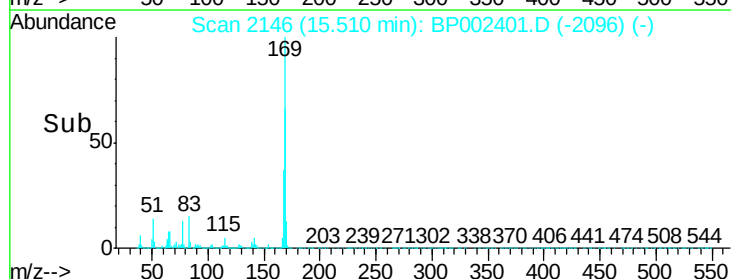
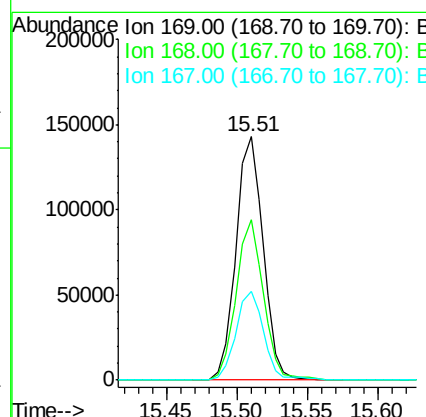
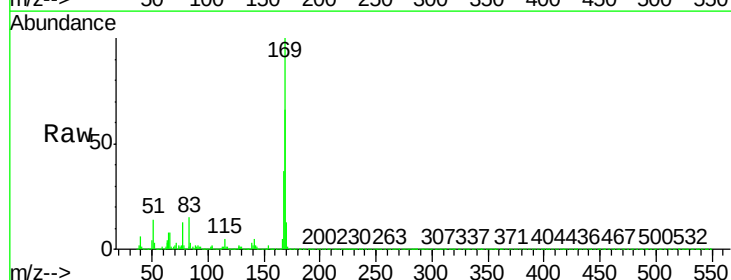
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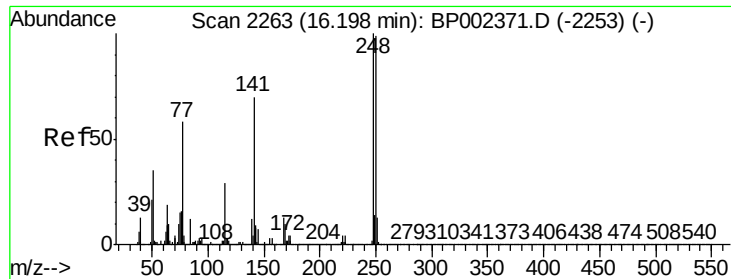
mohammad
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#66
n-Nitrosodiphenylamine
Concen: 9.296 ng
RT: 15.51 min Scan# 2146
Delta R.T. -0.01 min
Lab File: BP002401.D
Acq: 12 Jun 2020 16:48

Tgt Ion	Ratio	Lower	Upper
169	100		
168	65.8	52.8	79.2
167	36.7	29.4	44.0





#67

4-Bromophenyl-phenylether

Concen: 8.345 ng

RT: 16.19 min Scan# 2262

Delta R.T. -0.01 min

Lab File: BP002401.D

Acq: 12 Jun 2020 16:48

Instrument :

BNA_P

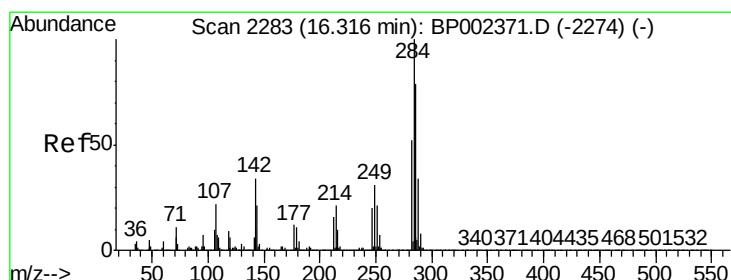
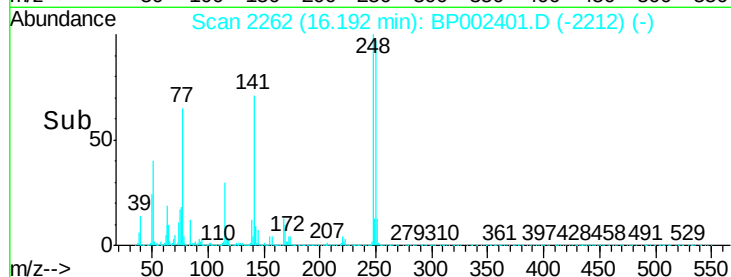
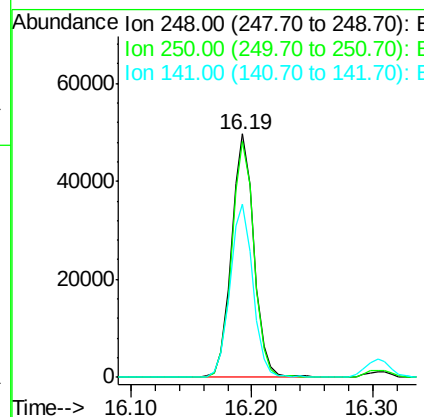
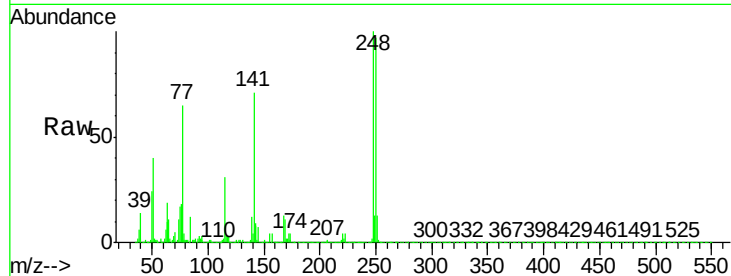
ClientSampleId :

LOD-MDL-SOIL-01-QT2-2020

Tot Ion:	248	Resp:	63954
Ion Ratio	Lower	Upper	
248	100		
250	97.0	79.3	118.9
141	71.1	55.7	83.5

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#68

Hexachlorobenzene

Concen: 8.634 ng

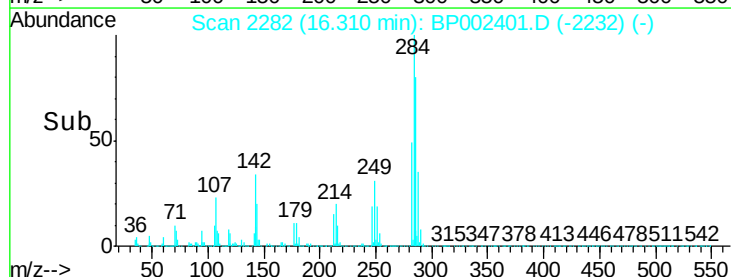
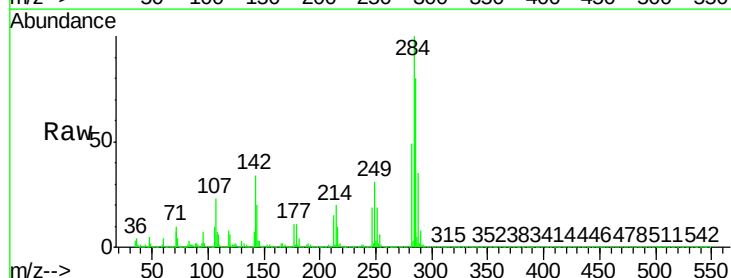
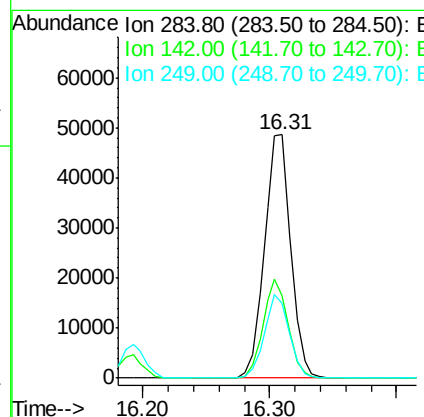
RT: 16.31 min Scan# 2282

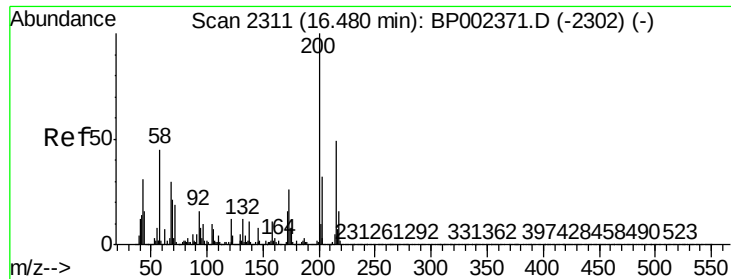
Delta R.T. -0.01 min

Lab File: BP002401.D

Acq: 12 Jun 2020 16:48

Tgt Ion:	284	Resp:	70216
Ion Ratio	Lower	Upper	
284	100		
142	33.7	27.4	41.0
249	30.5	24.9	37.3





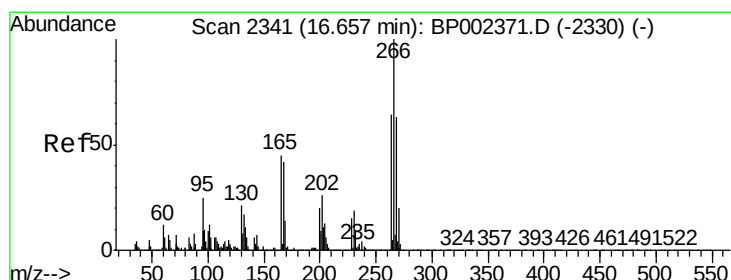
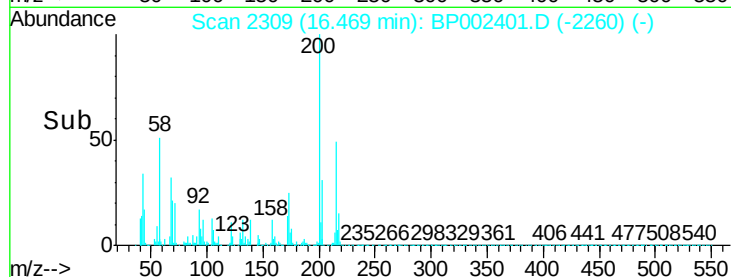
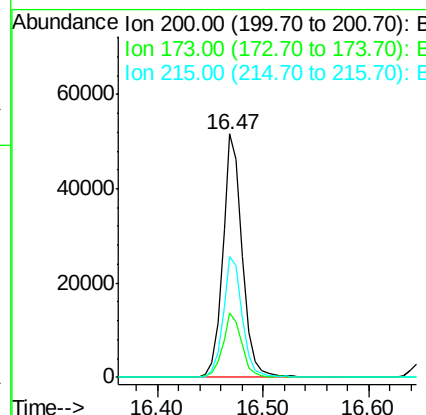
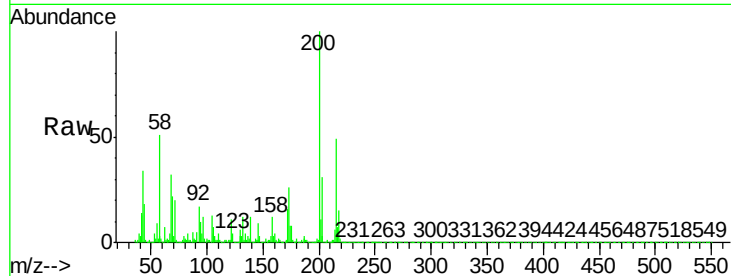
#69
Atrazine
Concen: 9.849 ng
RT: 16.47 min Scan# 2309
Delta R.T. -0.01 min
Lab File: BP002401.D
Acq: 12 Jun 2020 16:48

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2020

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.4	6.4	46.4
215	49.3	29.3	69.3

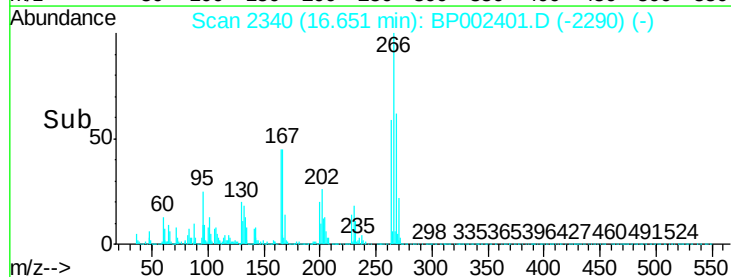
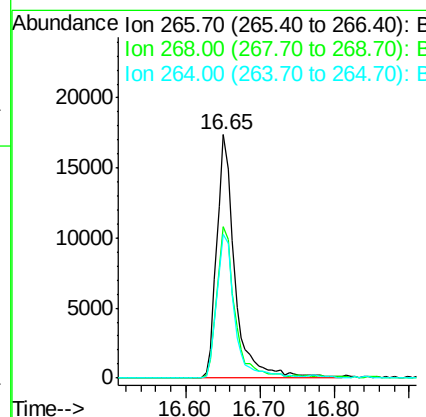
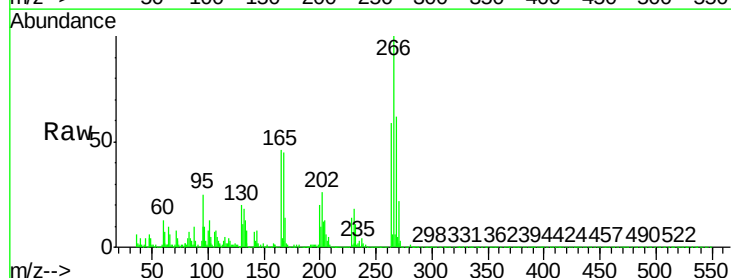
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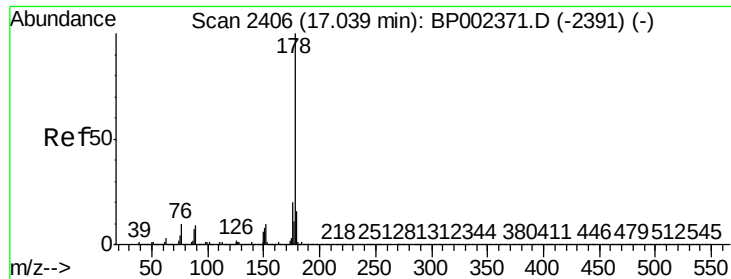
mohammad
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#70
Pentachlorophenol
Concen: 6.022 ng
RT: 16.65 min Scan# 2340
Delta R.T. -0.01 min
Lab File: BP002401.D
Acq: 12 Jun 2020 16:48

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.4	50.5	75.7
264	58.9	51.4	77.0





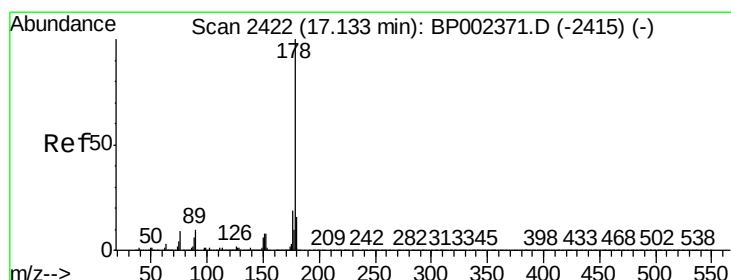
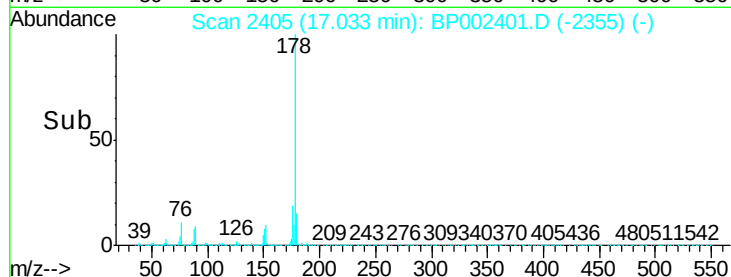
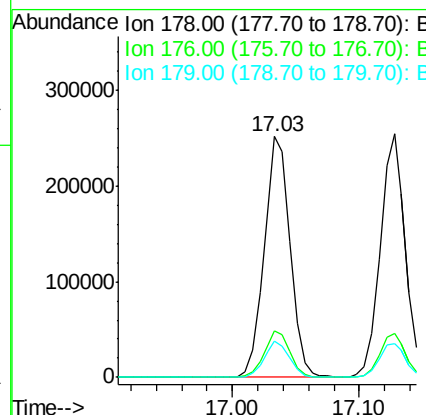
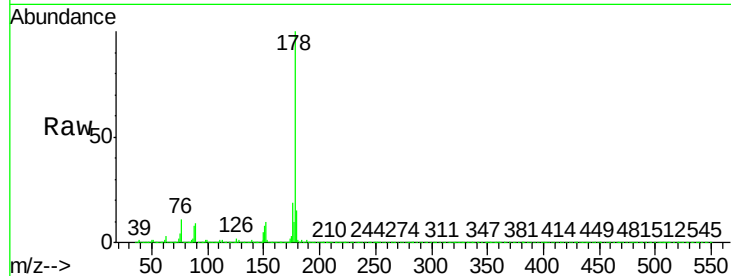
#71
Phenanthrene
Concen: 9.437 ng
RT: 17.03 min Scan# 2405
Delta R.T. -0.01 min
Lab File: BP002401.D
Acq: 12 Jun 2020 16:48

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2020

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.8	23.6
179	15.1	12.5	18.7

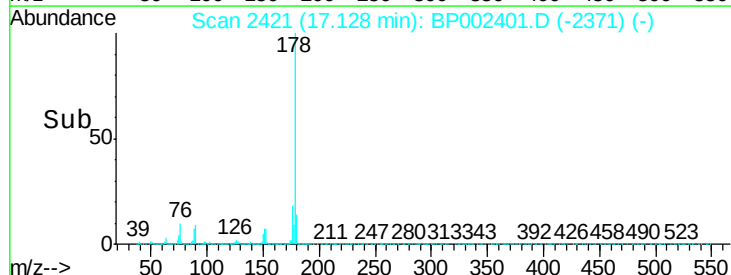
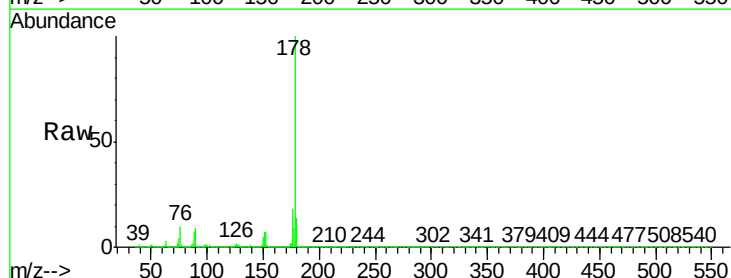
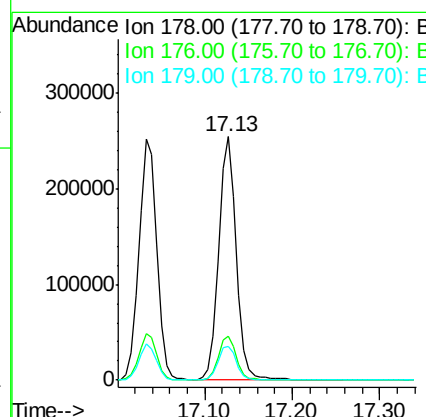
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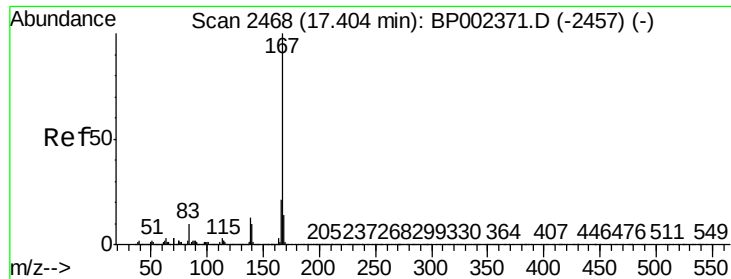
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#72
Anthracene
Concen: 9.395 ng
RT: 17.13 min Scan# 2421
Delta R.T. -0.01 min
Lab File: BP002401.D
Acq: 12 Jun 2020 16:48

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.0	15.5	23.3
179	14.1	13.0	19.4





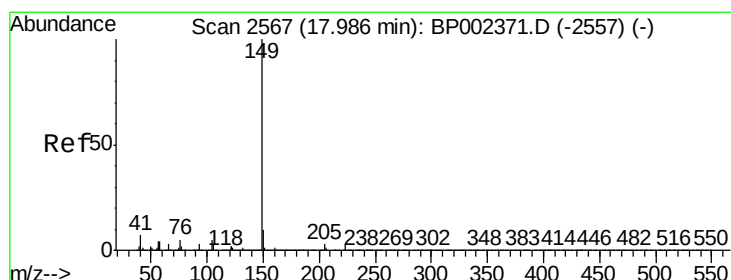
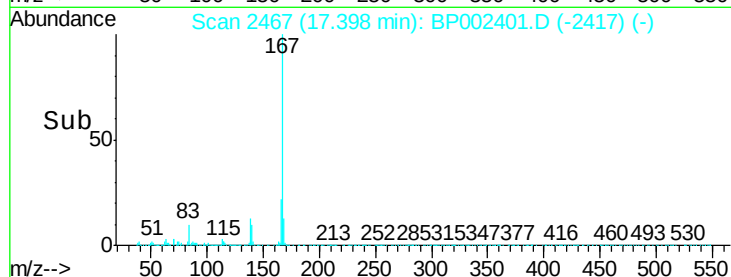
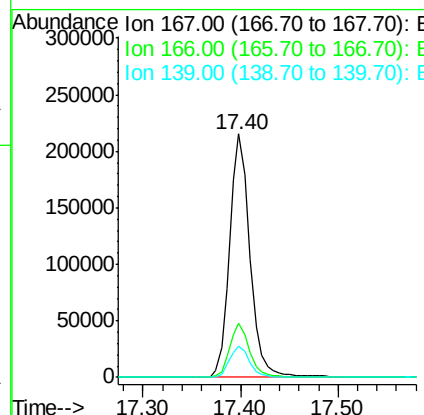
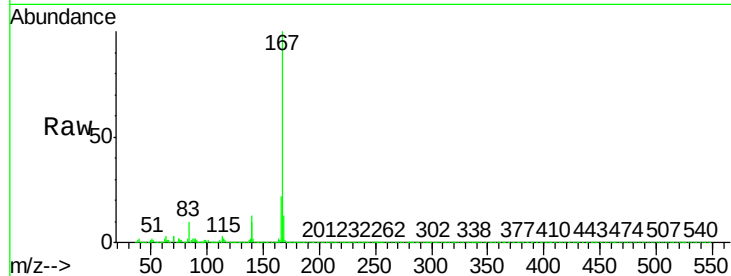
#73
 Carbazole
 Concen: 8.450 ng
 RT: 17.40 min Scan# 2467
 Delta R.T. -0.01 min
 Lab File: BP002401.D
 Acq: 12 Jun 2020 16:48

Instrument :
 BNA_P
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2020

Tot Ion:	167	Resp:	312502
Ion Ratio	Lower	Upper	
167	100		
166	22.1	17.1	25.7
139	12.6	10.3	15.5

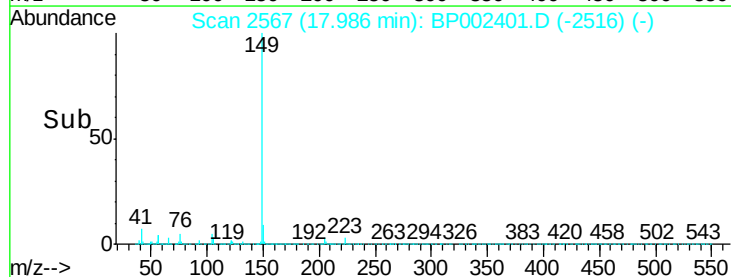
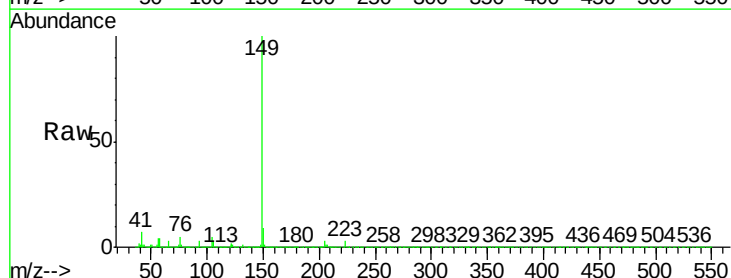
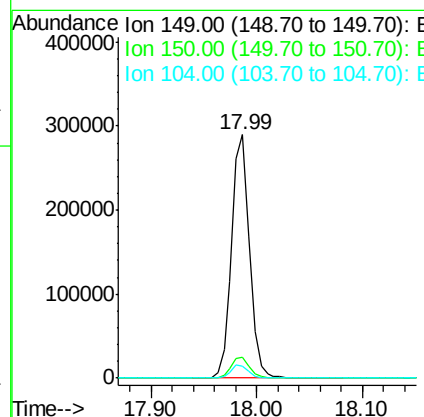
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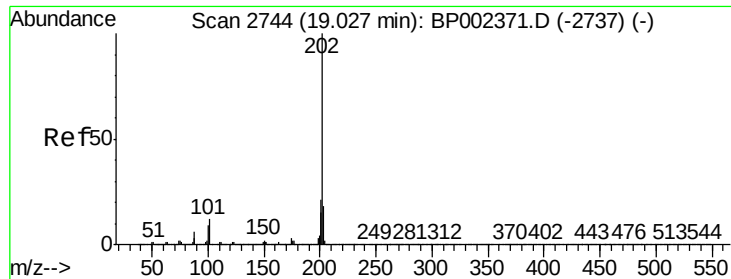
mohammad
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#74
 Di-n-butylphthalate
 Concen: 7.718 ng
 RT: 17.99 min Scan# 2567
 Delta R.T. 0.00 min
 Lab File: BP002401.D
 Acq: 12 Jun 2020 16:48

Tgt Ion:	149	Resp:	337812
Ion Ratio	Lower	Upper	
149	100		
150	8.5	7.7	11.5
104	5.1	4.3	6.5





#75

Fluoranthene

Concen: 8.822 ng

RT: 19.02 min Scan# 2743

Delta R.T. -0.01 min

Lab File: BP002401.D

Acq: 12 Jun 2020 16:48

Instrument :

BNA_P

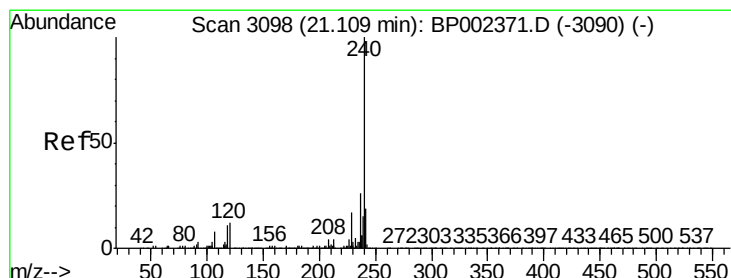
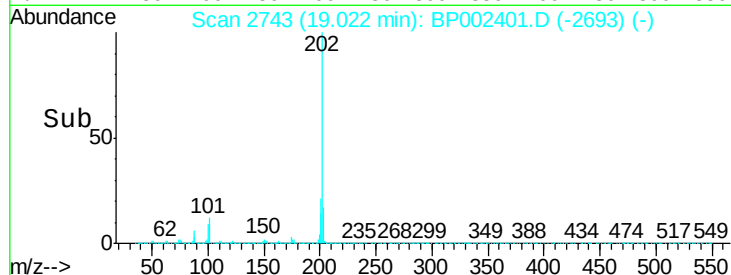
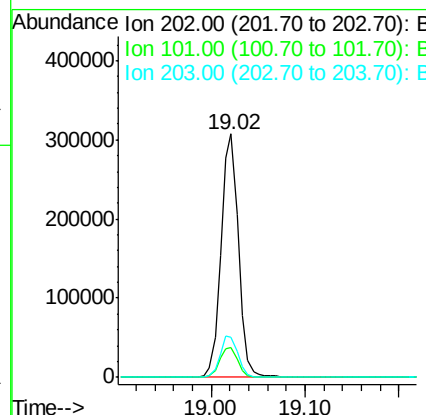
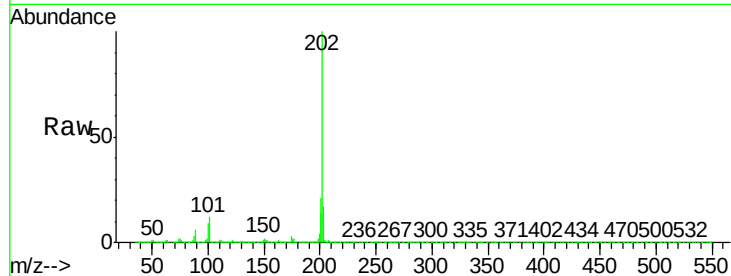
ClientSampleId :

LOD-MDL-SOIL-01-QT2-2020

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	12.2	0.0	31.8
203	16.6	0.0	38.0

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#76

Chrysene-d12

Concen: 20.000 ng

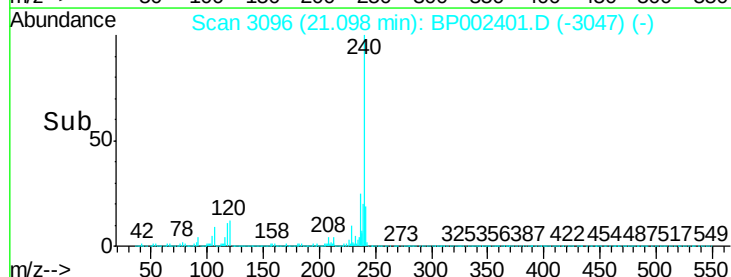
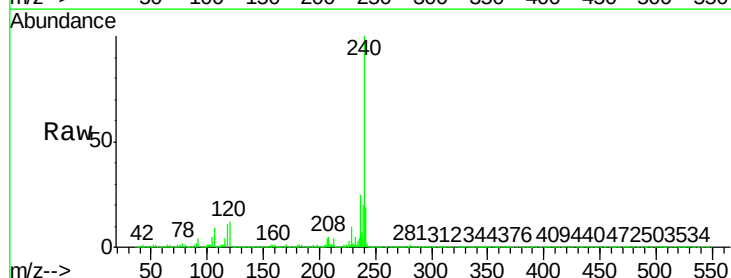
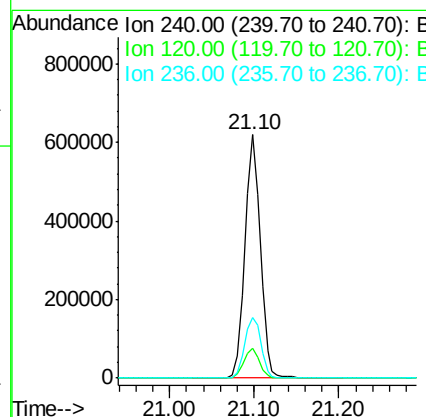
RT: 21.10 min Scan# 3096

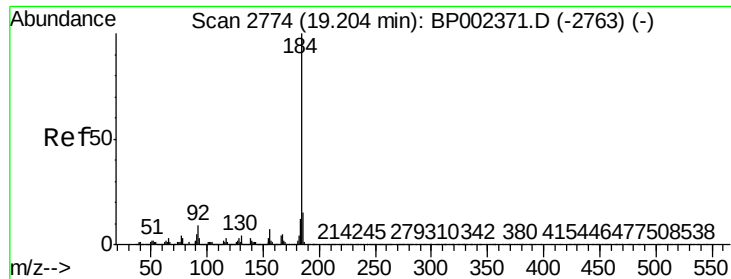
Delta R.T. -0.01 min

Lab File: BP002401.D

Acq: 12 Jun 2020 16:48

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	12.5	9.3	13.9
236	24.9	21.0	31.6





#77

Benzidine

Concen: 9.940 ng

RT: 19.20 min Scan# 2774

Delta R.T. 0.00 min

Lab File: BP002401.D

Acq: 12 Jun 2020 16:48

Instrument :

BNA_P

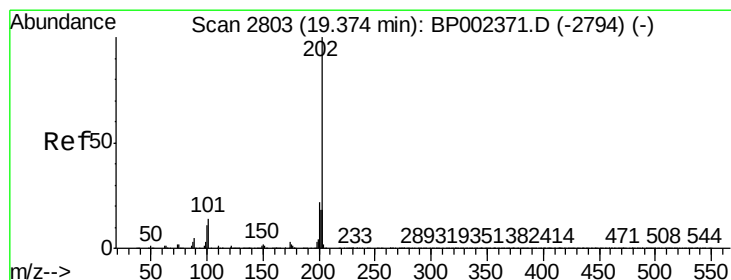
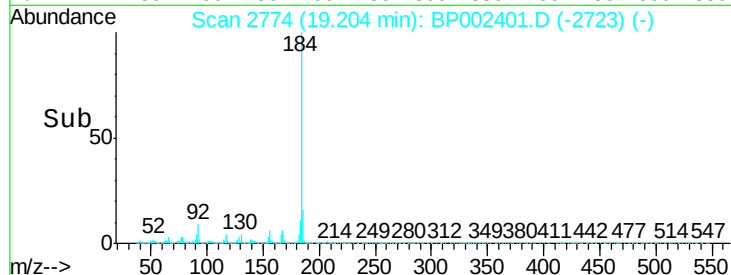
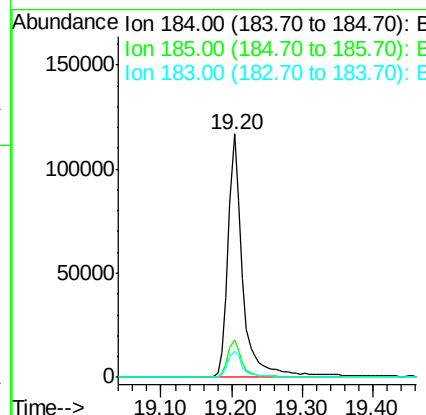
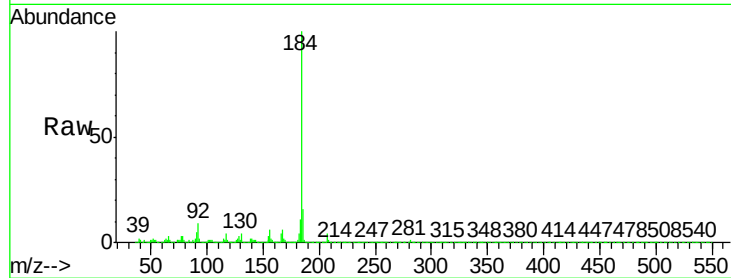
ClientSampleId :

LOD-MDL-SOIL-01-QT2-2020

Tot Ion:	184	Resp:	171304
Ion Ratio	Lower	Upper	
184	100		
185	15.6	11.8	17.8
183	10.9	9.2	13.8

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#78

Pyrene

Concen: 8.950 ng

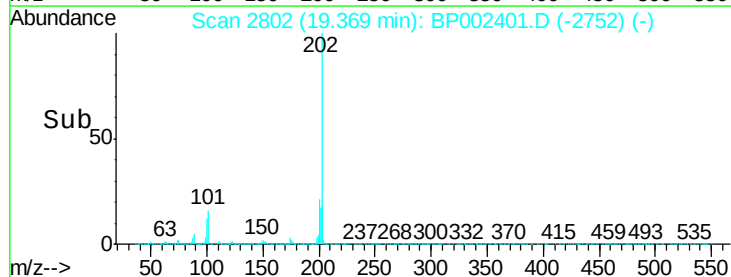
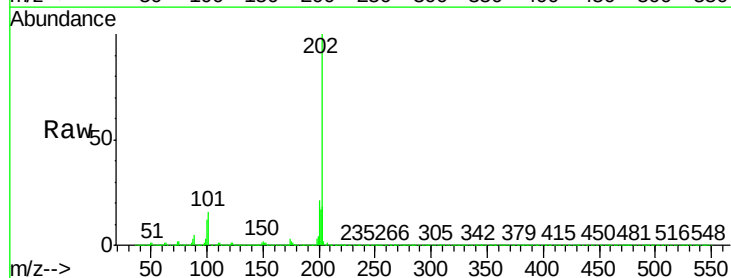
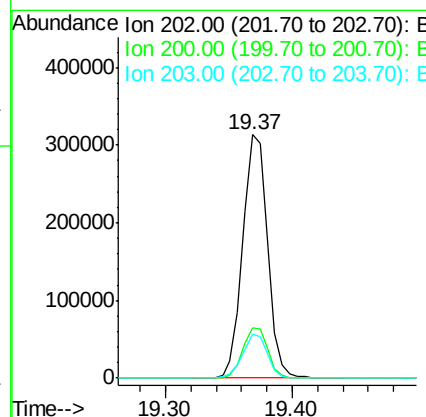
RT: 19.37 min Scan# 2802

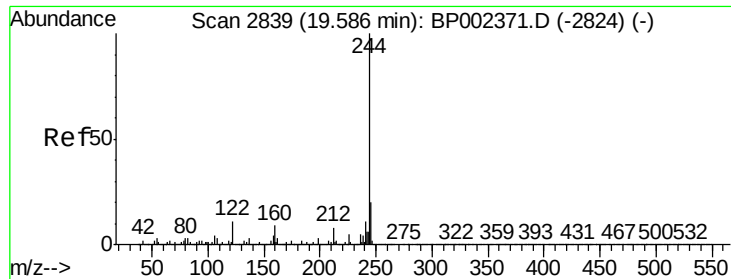
Delta R.T. -0.01 min

Lab File: BP002401.D

Acq: 12 Jun 2020 16:48

Tgt Ion:	202	Resp:	422840
Ion Ratio	Lower	Upper	
202	100		
200	20.8	17.7	26.5
203	18.3	14.6	22.0





#79

Terphenyl-d14

Concen: 116.683 ng

RT: 19.59 min Scan# 2839

Delta R.T. 0.00 min

Lab File: BP002401.D

Acq: 12 Jun 2020 16:48

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2020

Tot Ion:244 Resp: 3434688

Ion Ratio Lower Upper

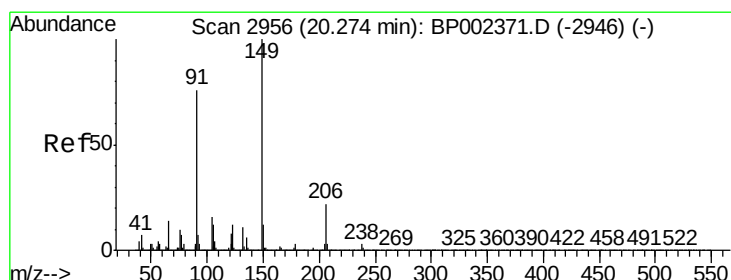
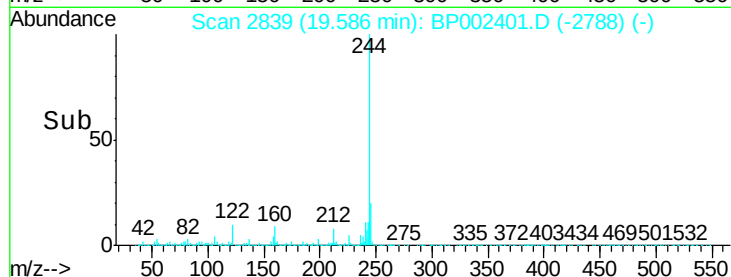
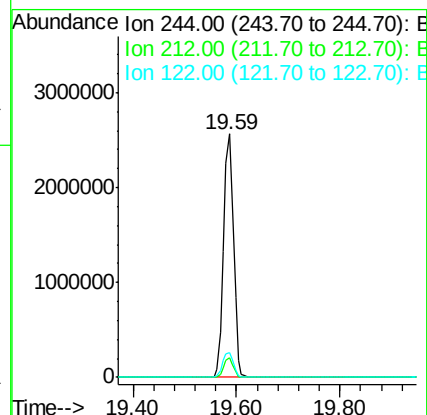
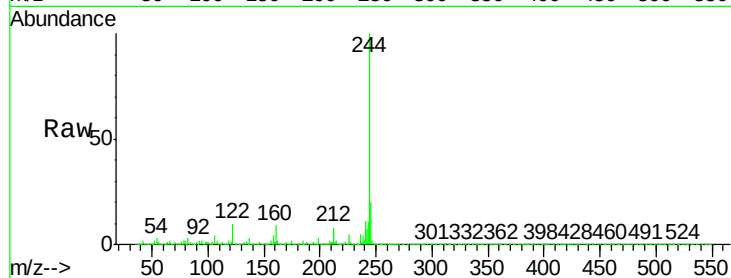
244 100

212 7.9 6.6 10.0

122 10.2 8.8 13.2

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#80

Butylbenzylphthalate

Concen: 6.703 ng

RT: 20.27 min Scan# 2955

Delta R.T. -0.01 min

Lab File: BP002401.D

Acq: 12 Jun 2020 16:48

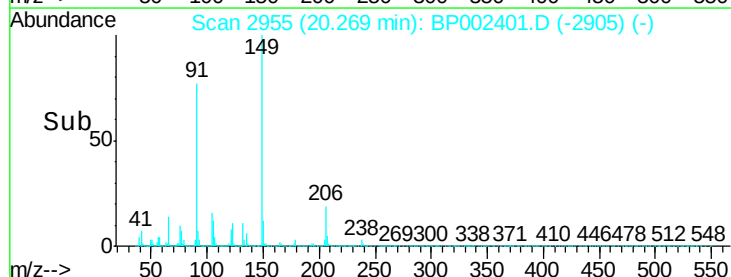
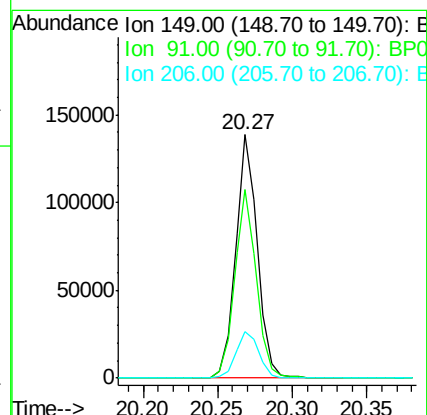
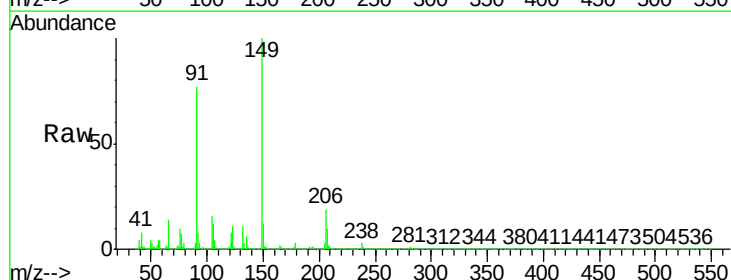
Tgt Ion:149 Resp: 140779

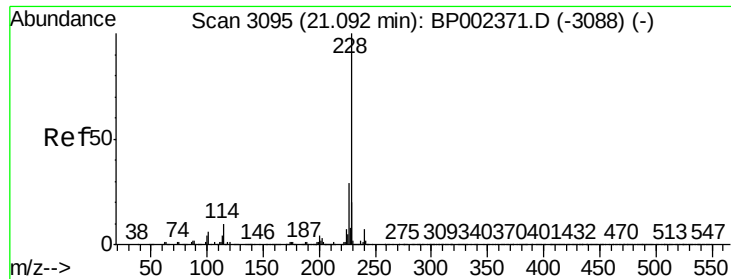
Ion Ratio Lower Upper

149 100

91 77.3 61.2 91.8

206 19.1 17.8 26.6





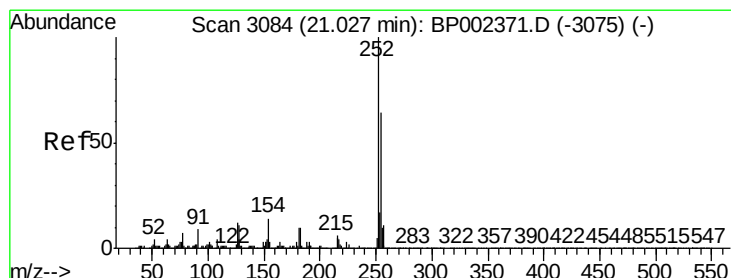
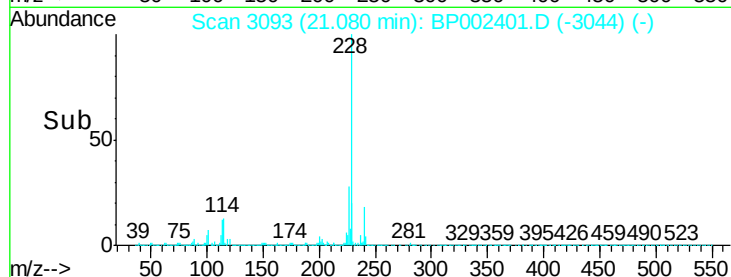
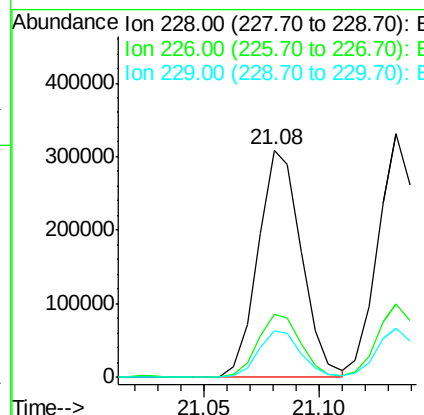
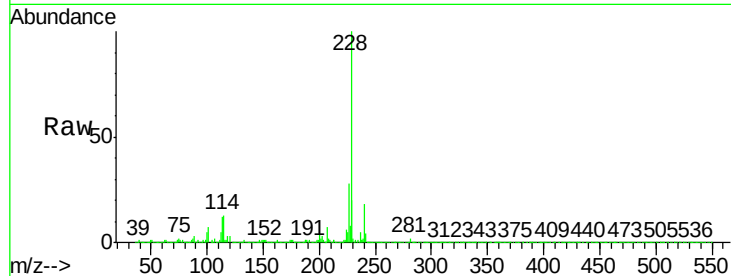
#81
Benzo(a)anthracene
Concen: 9.171 ng
RT: 21.08 min Scan# 3093
Delta R.T. -0.01 min
Lab File: BP002401.D
Acq: 12 Jun 2020 16:48

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2020

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.8	34.2
229	20.3	16.2	24.2

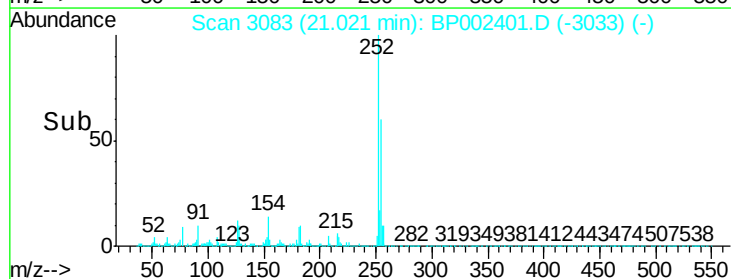
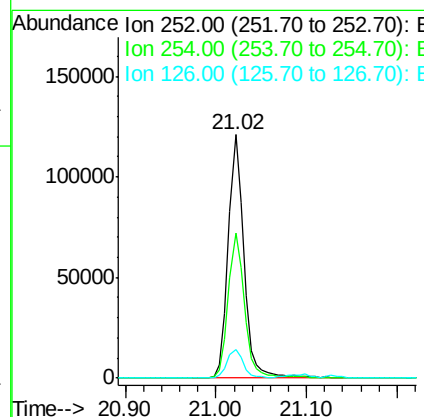
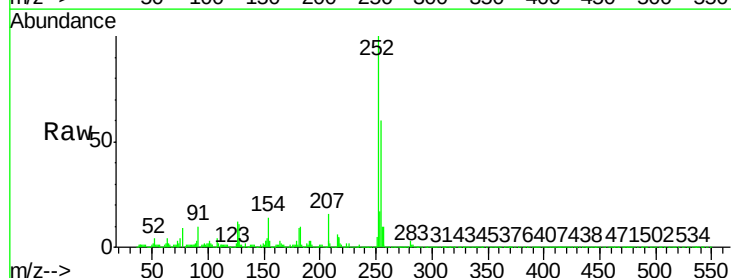
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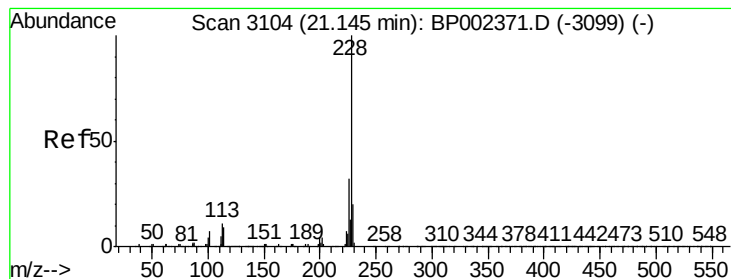
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#82
3,3'-Dichlorobenzidine
Concen: 8.878 ng
RT: 21.02 min Scan# 3083
Delta R.T. -0.01 min
Lab File: BP002401.D
Acq: 12 Jun 2020 16:48

Tgt Ion	Ratio	Lower	Upper
252	100		
254	59.7	51.4	77.2
126	11.9	9.2	13.8





#83

Chrysene

Concen: 9.571 ng

RT: 21.13 min Scan# 3102

Delta R.T. -0.01 min

Lab File: BP002401.D

Acq: 12 Jun 2020 16:48

Instrument :

BNA_P

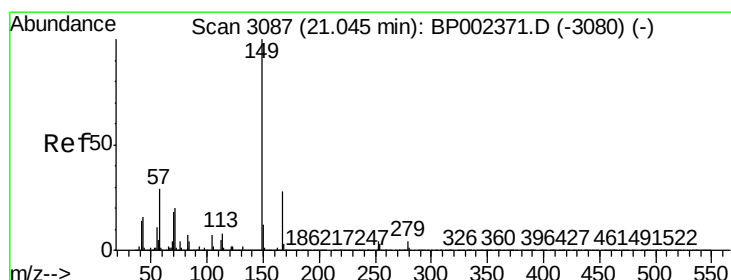
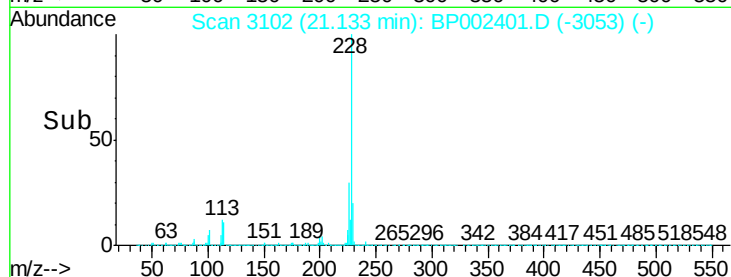
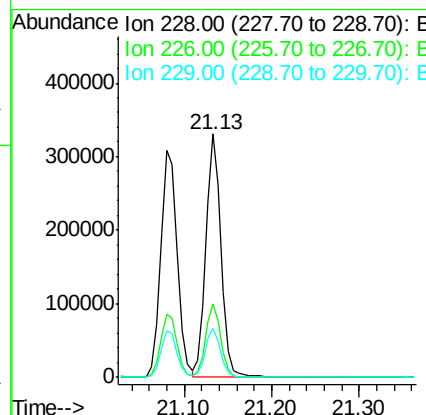
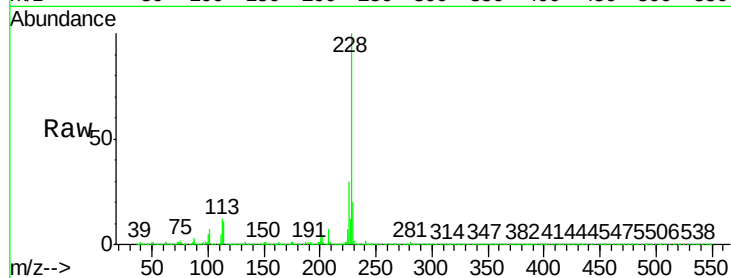
ClientSampleId :

LOD-MDL-SOIL-01-QT2-2020

Tot Ion:	228	Resp:	399192
Ion Ratio	Lower	Upper	
228	100		
226	30.2	25.2	37.8
229	20.0	16.1	24.1

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#84

Bis(2-ethylhexyl)phthalate

Concen: 7.844 ng

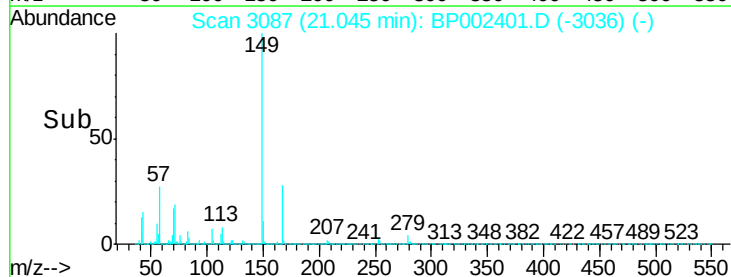
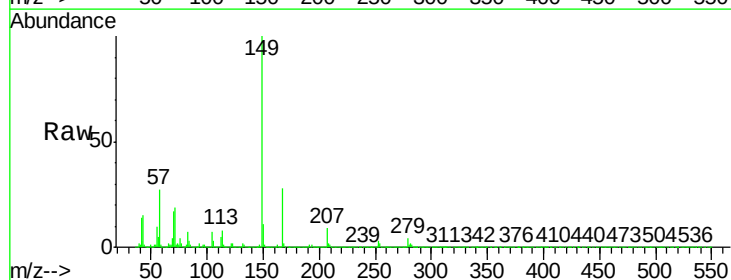
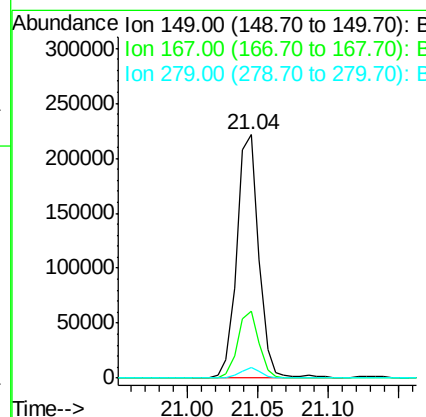
RT: 21.04 min Scan# 3087

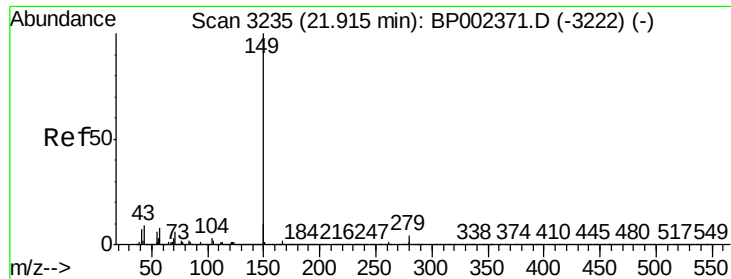
Delta R.T. 0.00 min

Lab File: BP002401.D

Acq: 12 Jun 2020 16:48

Tgt Ion:	149	Resp:	239627
Ion Ratio	Lower	Upper	
149	100		
167	27.7	22.3	33.5
279	4.2	3.2	4.8





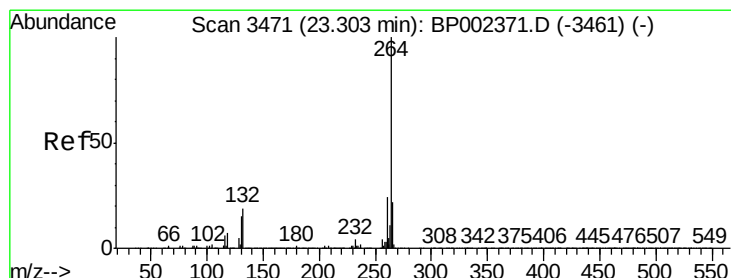
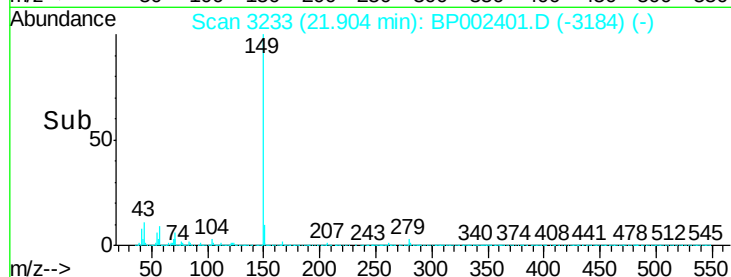
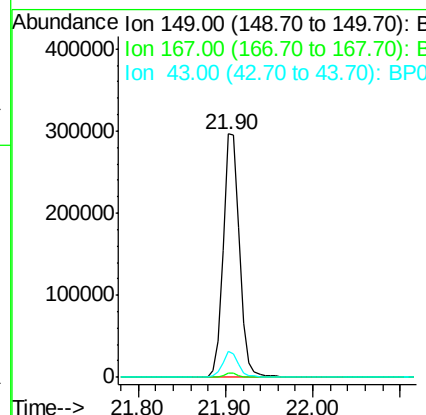
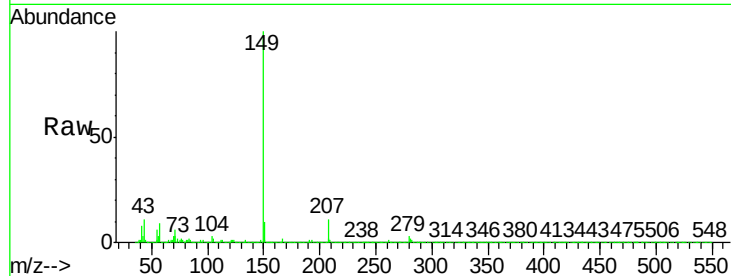
#85
Di-n-octyl phthalate
Concen: 7.128 ng
RT: 21.90 min Scan# 3233
Delta R.T. -0.01 min
Lab File: BP002401.D
Acq: 12 Jun 2020 16:48

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2020

Tot Ion	Ratio	Resp Lower	Upper
149	100		
167	1.5	1.3	1.9
43	10.2	7.8	11.6

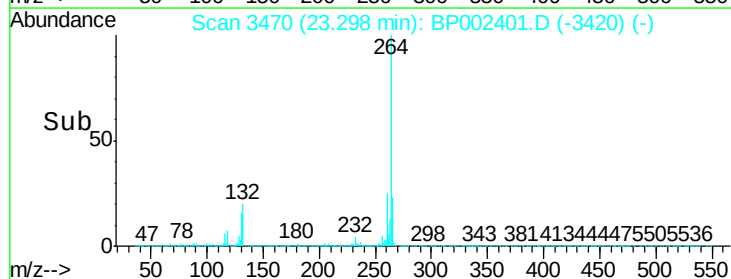
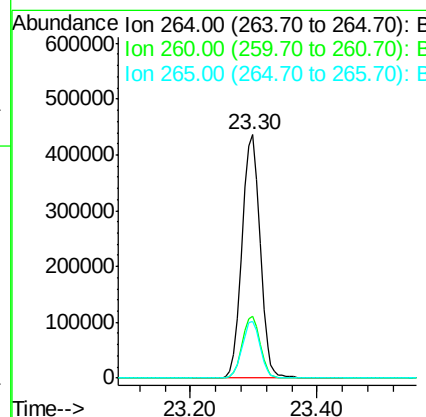
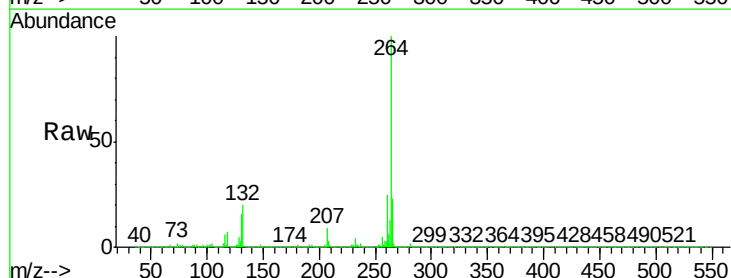
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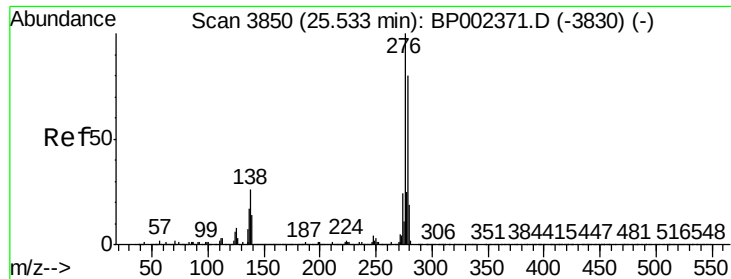
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#86
Perylene-d12
Concen: 20.000 ng
RT: 23.30 min Scan# 3470
Delta R.T. -0.01 min
Lab File: BP002401.D
Acq: 12 Jun 2020 16:48

Tgt Ion	Ratio	Resp Lower	Upper
264	100		
260	25.4	19.4	29.0
265	23.1	17.4	26.2





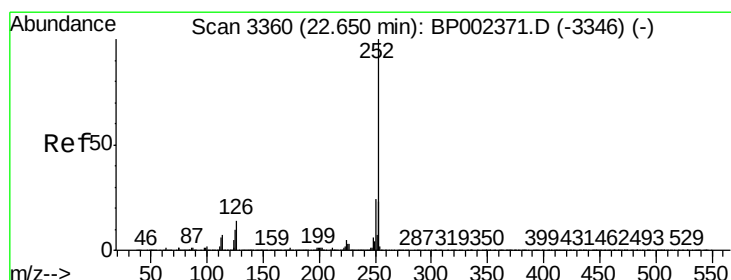
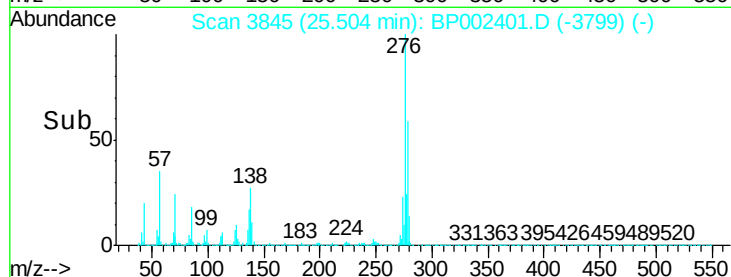
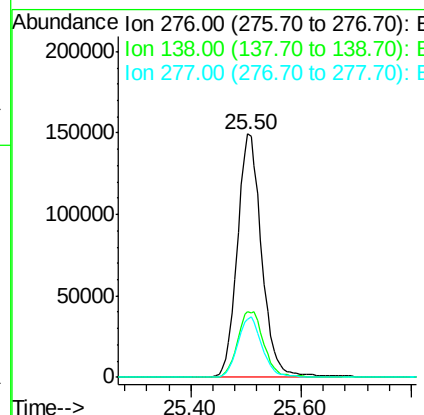
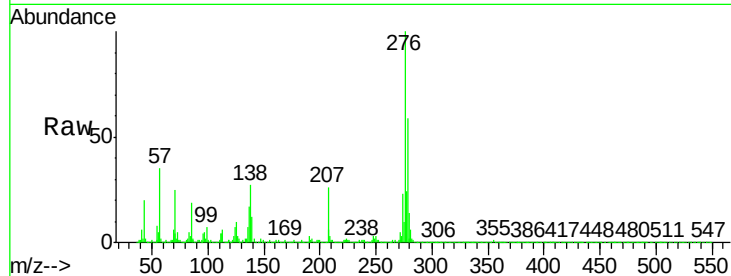
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 8.579 ng
 RT: 25.50 min Scan# 3845
 Delta R.T. -0.03 min
 Lab File: BP002401.D
 Acq: 12 Jun 2020 16:48

Instrument :
 BNA_P
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2020

Tot Ion:	276	Resp:	458330
Ion Ratio		Lower	Upper
276	100		
138	29.1	21.2	31.8
277	24.9	20.3	30.5

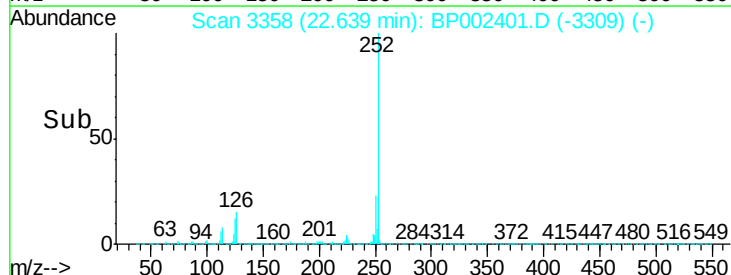
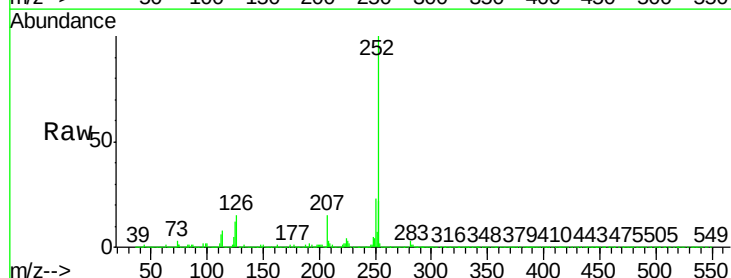
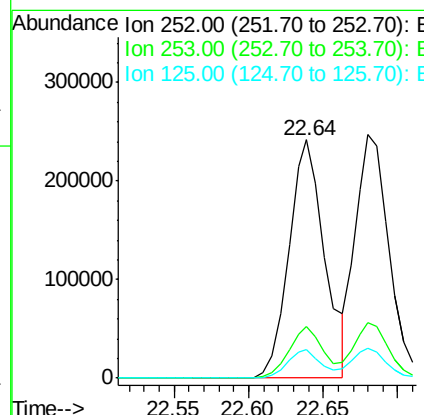
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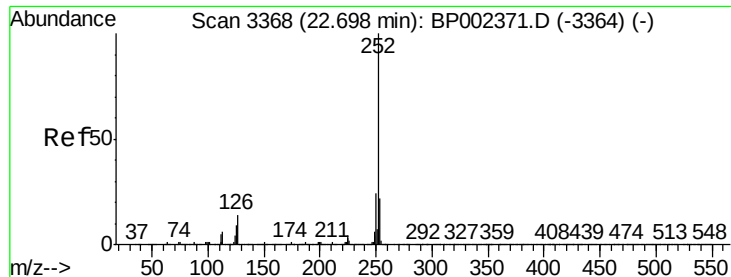
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#88
 Benzo(b)fluoranthene
 Concen: 8.768 ng
 RT: 22.64 min Scan# 3358
 Delta R.T. -0.01 min
 Lab File: BP002401.D
 Acq: 12 Jun 2020 16:48

Tgt Ion:	252	Resp:	403881
Ion Ratio		Lower	Upper
252	100		
253	21.8	18.1	27.1
125	11.9	8.2	12.2





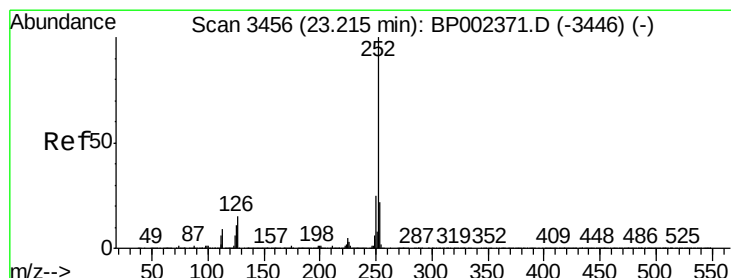
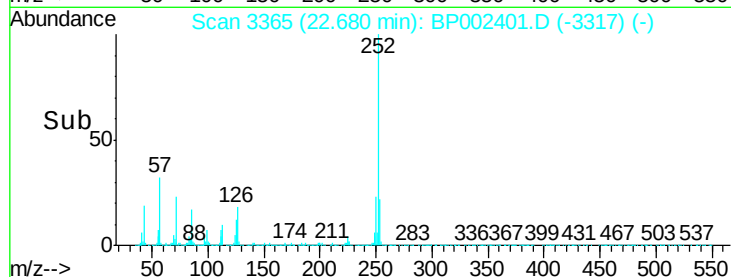
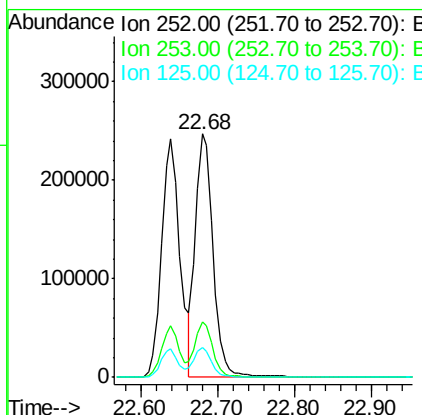
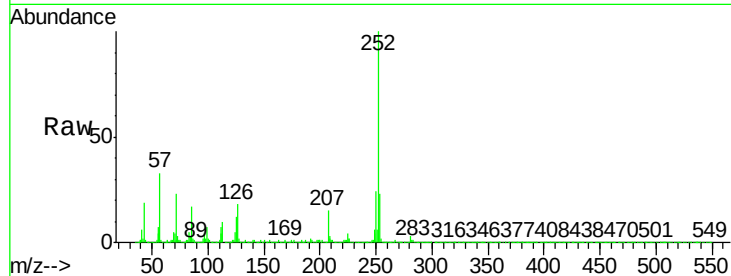
#89
Benzo(k)fluoranthene
Concen: 9.014 ng
RT: 22.68 min Scan# 3365
Delta R.T. -0.02 min
Lab File: BP002401.D
Acq: 12 Jun 2020 16:48

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2020

Tot Ion	Ratio	Resp	Lower	Upper
252	100	394502		
253	22.6	17.8	26.6	
125	12.4	7.8	11.8	

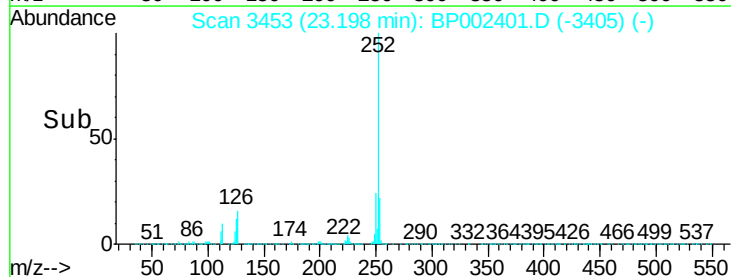
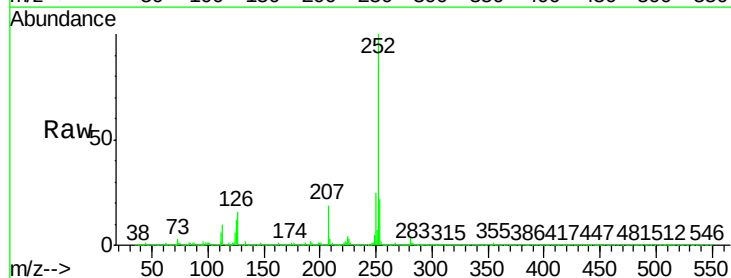
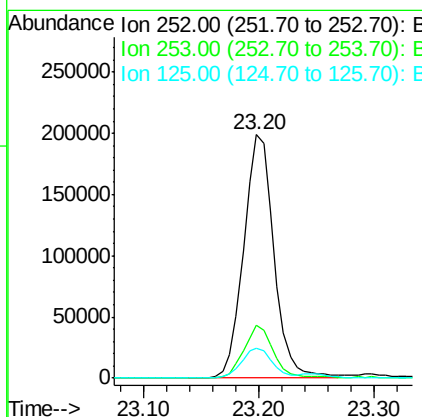
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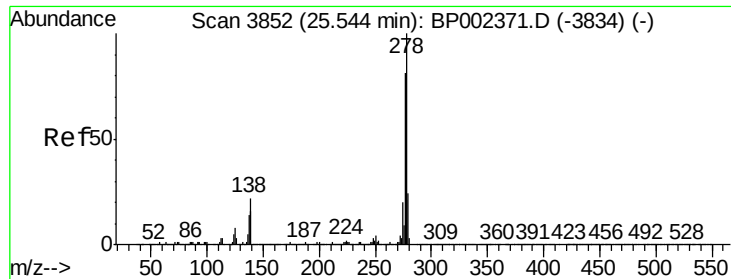
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#90
Benzo(a)pyrene
Concen: 8.382 ng
RT: 23.20 min Scan# 3453
Delta R.T. -0.02 min
Lab File: BP002401.D
Acq: 12 Jun 2020 16:48

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	361832		
253	21.7	17.8	26.8	
125	12.3	9.2	13.8	





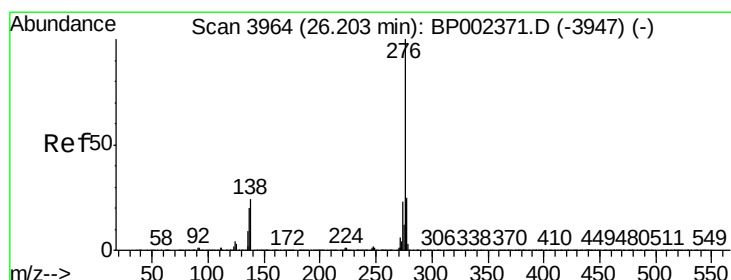
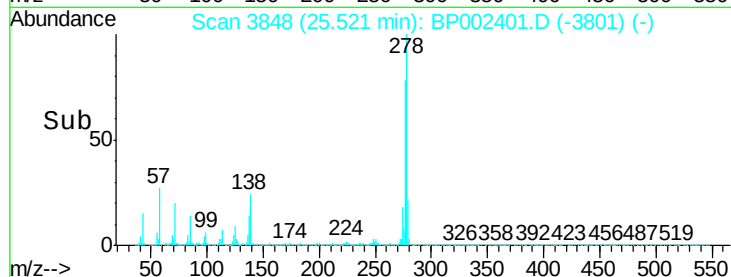
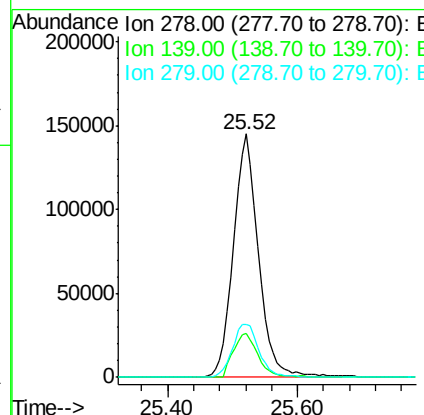
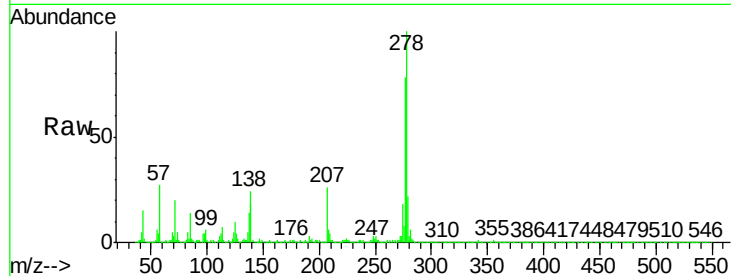
#91
Dibenzo(a,h)anthracene
Concen: 9.036 ng
RT: 25.52 min Scan# 3848
Delta R.T. -0.02 min
Lab File: BP002401.D
Acq: 12 Jun 2020 16:48

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2020

Tot Ion	Ratio	Lower	Upper
278	100		
139	18.0	13.1	19.7
279	22.0	18.9	28.3

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#92
Benzo(g,h,i)perylene
Concen: 8.733 ng
RT: 26.17 min Scan# 3959
Delta R.T. -0.03 min
Lab File: BP002401.D
Acq: 12 Jun 2020 16:48

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.8	29.6
138	23.3	19.2	28.8

