

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP061220\
 Data File : BP002400.D
 Acq On : 12 Jun 2020 16:14
 Operator : CG/JU
 Sample : L2182-01
 Misc : MDL-MDL-S-5PPM
 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 8:47:06 AM

Quant Time: Jun 12 17:10:34 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	157650	20.00	ng	0.00
21) Naphthalene-d8	10.36	136	610152	20.00	ng	0.00
39) Acenaphthene-d10	14.24	164	372125	20.00	ng	0.00
64) Phenanthrene-d10	17.00	188	793656	20.00	ng	0.00
76) Chrysene-d12	21.10	240	768324	20.00	ng	0.00
86) Perylene-d12	23.30	264	885485	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.20	112	1396310	163.89	ng	0.00
7) Phenol-d6	6.78	99	1860797	164.05	ng	0.00
23) Nitrobenzene-d5	8.73	82	1248408	122.19	ng	0.00
42) 2,4,6-Tribromophenol	15.74	330	621913	174.56	ng	0.00
45) 2-Fluorobiphenyl	12.86	172	2499447	112.94	ng	0.00
79) Terphenyl-d14	19.59	244	3314746	113.04	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.16	88	21954	5.594	ng	98
3) Pyridine	3.55	79	49818	4.671	ng	93
4) n-Nitrosodimethylamine	3.46	42	21364	4.860	ng	# 92
6) Aniline	6.92	93	81177	5.262	ng	97
8) 2-Chlorophenol	7.16	128	49608	5.179	ng	94
9) Benzaldehyde	6.74	77	48806	8.421	ng	96
10) Phenol	6.80	94	66209	5.382	ng	94
11) bis(2-Chloroethyl)ether	7.03	93	52212	5.083	ng	99
12) 1,3-Dichlorobenzene	7.48	146	56853	5.154	ng	99
13) 1,4-Dichlorobenzene	7.63	146	57282	5.161	ng	99
14) 1,2-Dichlorobenzene	7.94	146	55327	5.204	ng	96
15) Benzyl Alcohol	7.83	79	38972	4.433	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.13	45	73417	5.038	ng	99
17) 2-Methylphenol	8.04	107	39559	4.401	ng	97
18) Hexachloroethane	8.66	117	19504	4.824	ng	99
19) n-Nitroso-di-n-propylamine	8.39	70	38456	5.072	ng	97
20) 3+4-Methylphenols	8.36	107	53172	4.383	ng	99
22) Acetophenone	8.40	105	80208	5.851	ng	99
24) Nitrobenzene	8.77	77	65267	5.943	ng	97
25) Isophorone	9.30	82	106703	5.128	ng	97
26) 2-Nitrophenol	9.49	139	21978	4.491	ng	93
27) 2,4-Dimethylphenol	9.56	122	25057	3.264	ng	99
28) bis(2-Chloroethoxy)methane	9.79	93	68450	5.523	ng	98
29) 2,4-Dichlorophenol	10.02	162	40424	4.677	ng	100
30) 1,2,4-Trichlorobenzene	10.23	180	52168	5.415	ng	99
31) Naphthalene	10.42	128	161511	5.698	ng	99
32) Benzoic acid	9.64	122	7122m	1.219	ng	
33) 4-Chloroaniline	10.53	127	61555	4.974	ng	98
34) Hexachlorobutadiene	10.72	225	27869	4.957	ng	98
35) Caprolactam	11.26	113	12177	3.995	ng	98
36) 4-Chloro-3-methylphenol	11.67	107	44425	4.751	ng	96
37) 2-Methylnaphthalene	12.04	142	111753	5.554	ng	96
38) 1-Methylnaphthalene	12.26	142	106413	5.635	ng	96
40) 1,2,4,5-Tetrachlorobenzene	12.42	216	59031	6.018	ng	98

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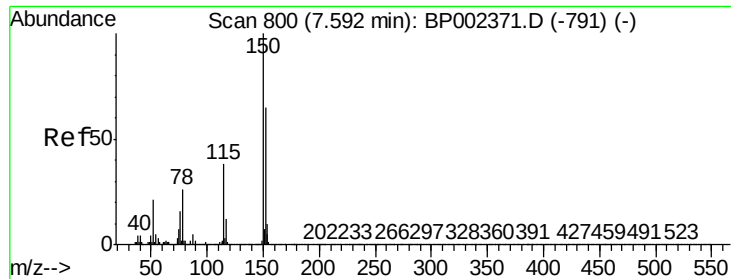
Manual Integrations
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Quant Time: Jun 12 17:10:34 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP060520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 12 16:44:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.40	237	19670	3.772	ng	97
43) 2,4,6-Trichlorophenol	12.66	196	29836	4.298	ng	93
44) 2,4,5-Trichlorophenol	12.73	196	33123	4.120	ng	97
46) 1,1'-Biphenyl	13.07	154	147936	6.066	ng	96
47) 2-Chloronaphthalene	13.10	162	108869	5.457	ng	99
48) 2-Nitroaniline	13.31	65	24718	3.881	ng	91
49) Acenaphthylene	13.96	152	172683	5.423	ng	98
50) Dimethylphthalate	13.70	163	131941	5.175	ng	99
51) 2,6-Dinitrotoluene	13.82	165	23915	4.319	ng	92
52) Acenaphthene	14.30	154	105132	5.636	ng	96
53) 3-Nitroaniline	14.15	138	23801	3.764	ng	# 94
54) 2,4-Dinitrophenol	14.36	184	5607	1.846	ng	91
55) Dibenzofuran	14.65	168	171035	5.695	ng	99
56) 4-Nitrophenol	14.47	139	15080	3.004	ng	91
57) 2,4-Dinitrotoluene	14.61	165	29975	3.977	ng	88
58) Fluorene	15.30	166	129475	5.481	ng	97
59) 2,3,4,6-Tetrachlorophenol	14.88	232	30124	4.721	ng	99
60) Diethylphthalate	15.09	149	129960	5.087	ng	97
61) 4-Chlorophenyl-phenylether	15.30	204	66860	5.839	ng	98
62) 4-Nitroaniline	15.31	138	22782	3.750	ng	94
63) Azobenzene	15.60	77	137739	5.416	ng	97
65) 4,6-Dinitro-2-methylphenol	15.38	198	13243	3.162	ng	93
66) n-Nitrosodiphenylamine	15.52	169	114855	5.665	ng	98
67) 4-Bromophenyl-phenylether	16.20	248	38012	5.056	ng	96
68) Hexachlorobenzene	16.31	284	43657	5.472	ng	# 93
69) Atrazine	16.48	200	38350	5.798	ng	98
70) Pentachlorophenol	16.66	266	15980	3.348	ng	97
71) Phenanthrene	17.04	178	221222	5.959	ng	98
72) Anthracene	17.13	178	204813	5.553	ng	99
73) Carbazole	17.40	167	191578	5.280	ng	97
74) Di-n-butylphthalate	17.99	149	197965	4.611	ng	98
75) Fluoranthene	19.03	202	244346	5.514	ng	98
77) Benzidine	19.21	184	90148	5.251	ng	98
78) Pyrene	19.38	202	261943	5.566	ng	98
80) Butylbenzylphthalate	20.27	149	82726	3.954	ng	96
81) Benzo(a)anthracene	21.09	228	255126	5.817	ng	97
82) 3,3'-Dichlorobenzidine	21.03	252	85804	5.265	ng	99
83) Chrysene	21.14	228	254330	6.121	ng	98
84) Bis(2-ethylhexyl)phthalate	21.05	149	135218	4.443	ng	99
85) Di-n-octyl phthalate	21.92	149	231595	4.339	ng	99
87) Indeno(1,2,3-cd)pyrene	25.52	276	291505	5.263	ng	97
88) Benzo(b)fluoranthene	22.64	252	249621	5.227	ng	97
89) Benzo(k)fluoranthene	22.69	252	257089m	5.666	ng	
90) Benzo(a)pyrene	23.20	252	225002	5.028	ng	97
91) Dibenzo(a,h)anthracene	25.53	278	245516	5.526	ng	97
92) Benzo(g,h,i)perylene	26.19	276	245198	5.329	ng	99

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



#1

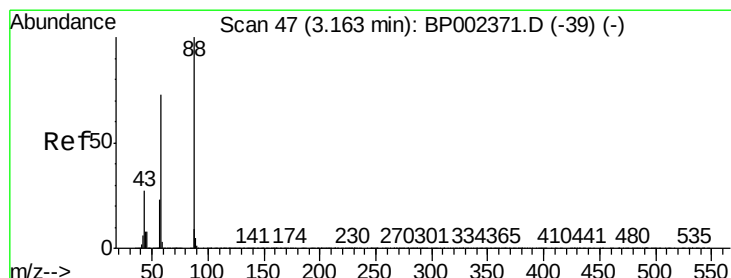
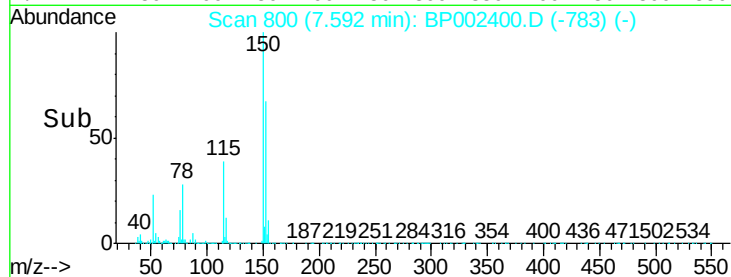
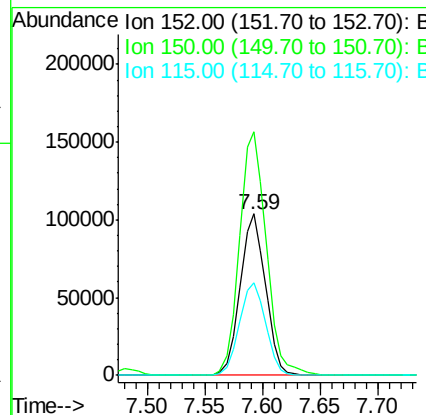
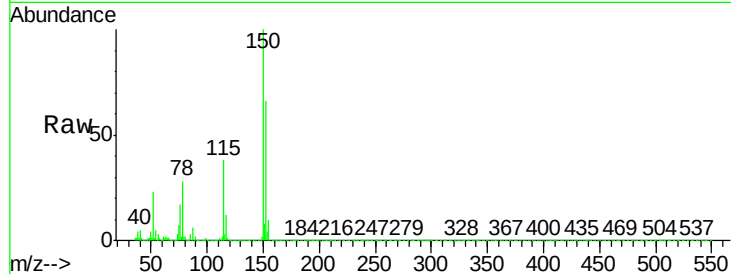
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.59 min Scan# 800
Delta R.T. 0.00 min
Lab File: BP002400.D
Acq: 12 Jun 2020 16:14

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.8	124.0	186.0
115	57.6	47.4	71.0

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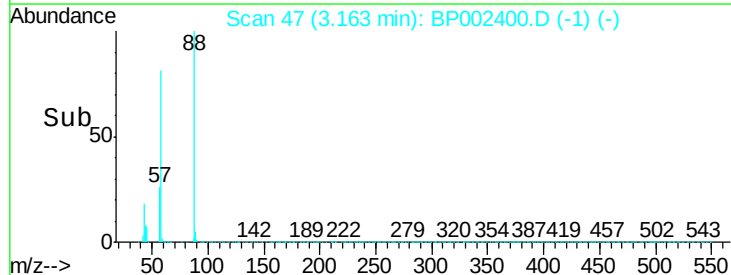
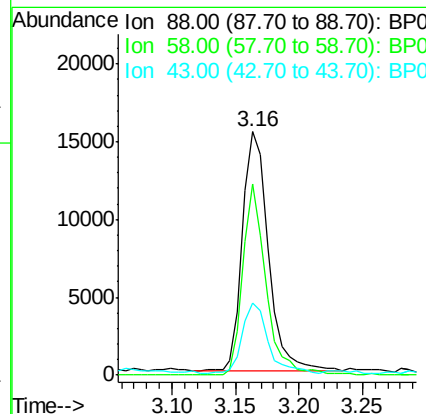
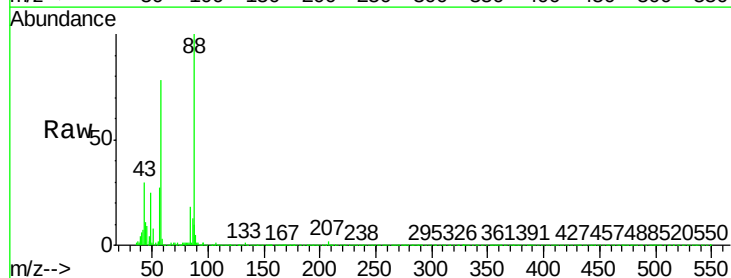
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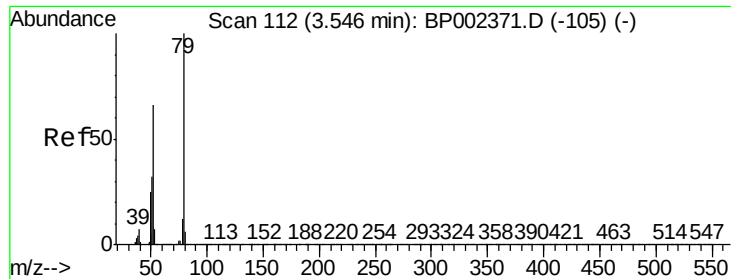


#2

1,4-Dioxane
Concen: 5.594 ng
RT: 3.16 min Scan# 47
Delta R.T. 0.00 min
Lab File: BP002400.D
Acq: 12 Jun 2020 16:14

Tgt Ion	Ratio	Lower	Upper
88	100		
58	70.9	58.2	87.4
43	28.6	21.8	32.8





#3

Pvridine

Concen: 4.671 ng

RT: 3.55 min Scan# 113

Delta R.T. 0.01 min

Lab File: BP002400.D

Acq: 12 Jun 2020 16:14

Instrument :

BNA_P

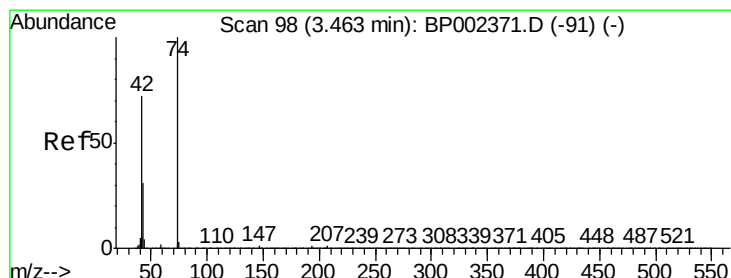
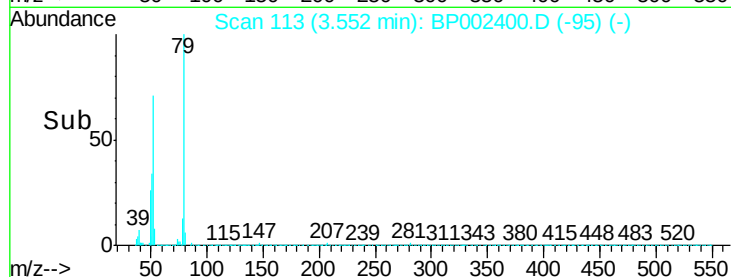
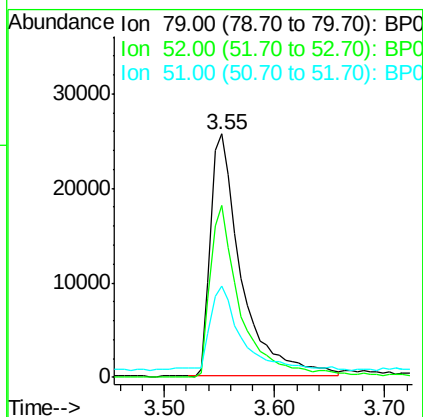
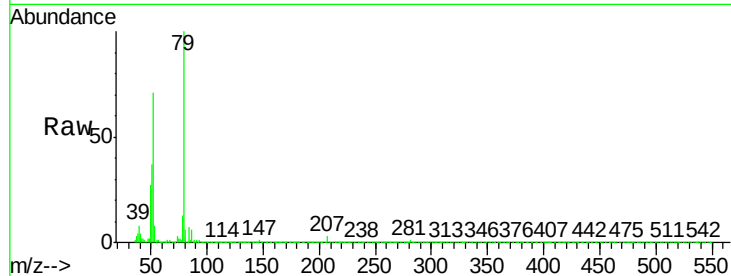
ClientSampleId :

LOD-MDL-SOIL-01-QT2-2020

Tot Ion:	79	Resp:	49818
Ion Ratio	Lower	Upper	
79	100		
52	70.7	52.5	78.7
51	37.3	26.1	39.1

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#4

n-Nitrosodimethylamine

Concen: 4.860 ng

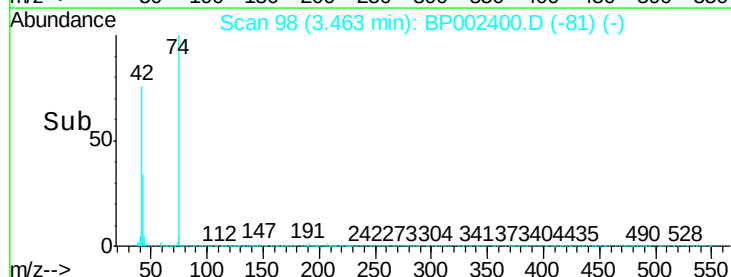
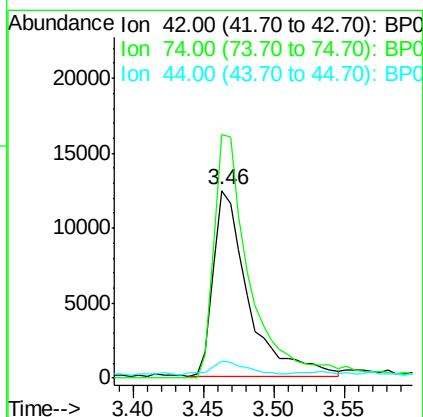
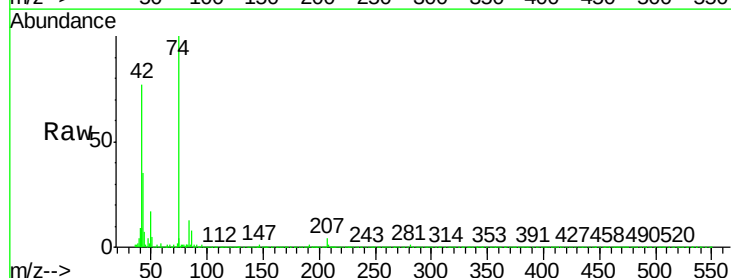
RT: 3.46 min Scan# 98

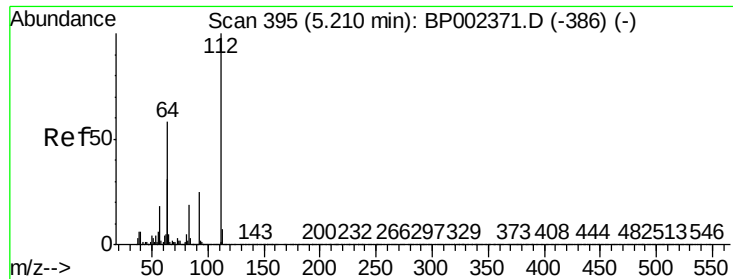
Delta R.T. 0.00 min

Lab File: BP002400.D

Acq: 12 Jun 2020 16:14

Tgt Ion:	42	Resp:	21364
Ion Ratio	Lower	Upper	
42	100		
74	129.7	111.1	166.7
44	8.9	5.4	8.0





#5

2-Fluorophenol

Concen: 163.892 ng

RT: 5.20 min Scan# 394

Delta R.T. -0.01 min

Lab File: BP002400.D

Acq: 12 Jun 2020 16:14

Instrument :

BNA_P

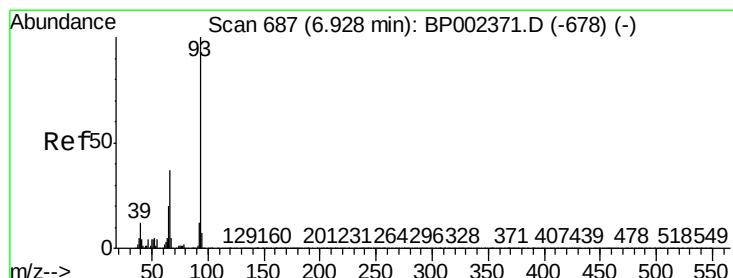
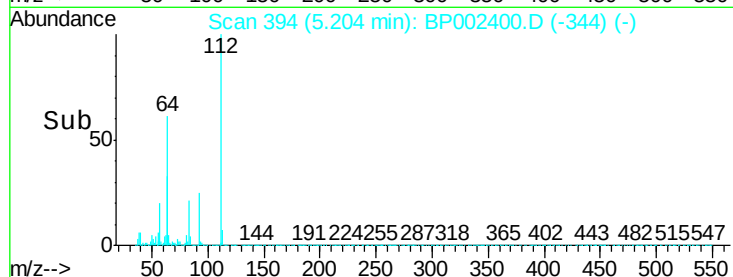
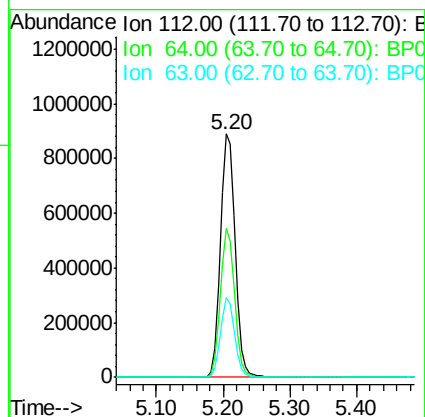
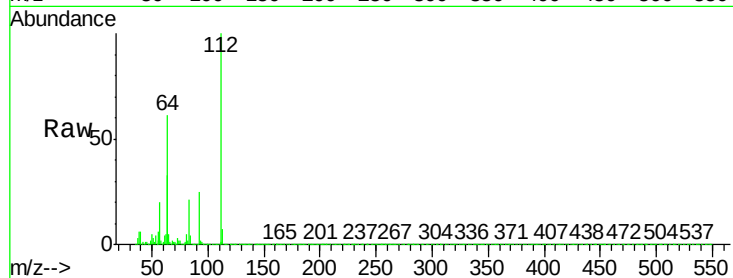
ClientSampleId :

LOD-MDL-SOIL-01-QT2-2020

Tot Ion:	112	Resp:	1396310
Ion	Ratio	Lower	Upper
112	100		
64	61.2	46.2	69.2
63	32.6	24.5	36.7

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#6

Aniline

Concen: 5.262 ng

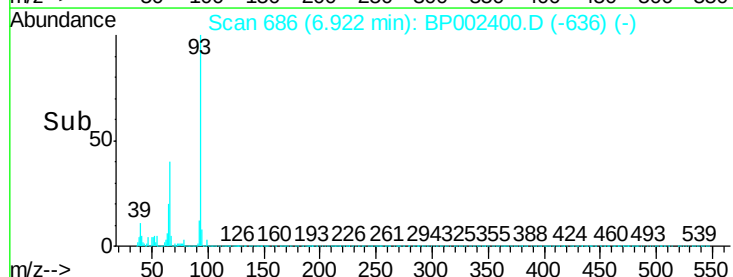
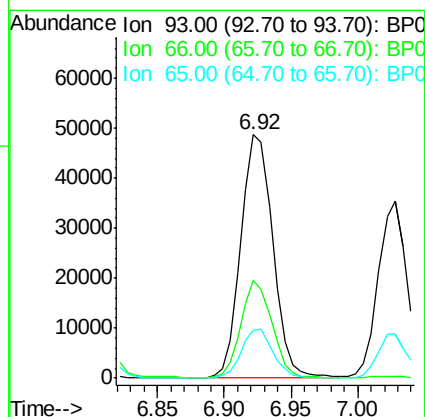
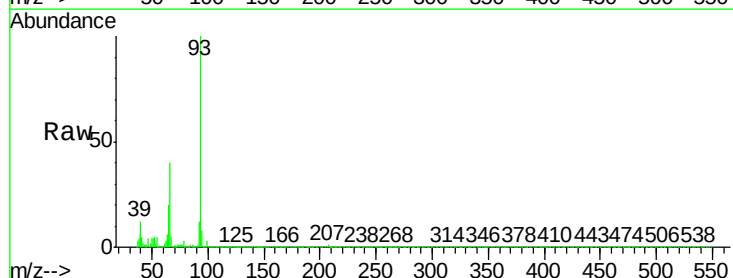
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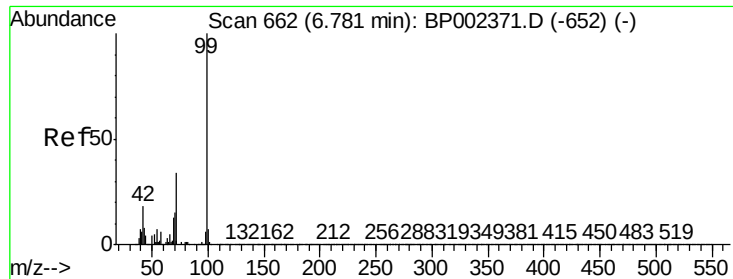
Delta R.T. -0.01 min

Lab File: BP002400.D

Acq: 12 Jun 2020 16:14

Tgt Ion:	93	Resp:	81177
Ion	Ratio	Lower	Upper
93	100		
66	40.2	29.8	44.6
65	19.8	15.7	23.5





#7

Phenol-d6

Concen: 164.047 ng

RT: 6.78 min Scan# 662

Delta R.T. 0.00 min

Lab File: BP002400.D

Acq: 12 Jun 2020 16:14

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2020

Tot Ion: 99 Resp: 1860797

Ion Ratio Lower Upper

99 100

42 18.4 14.6 22.0

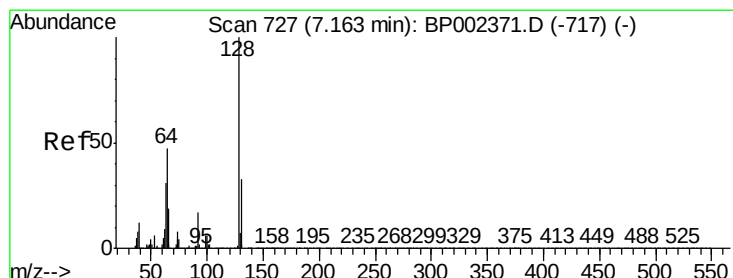
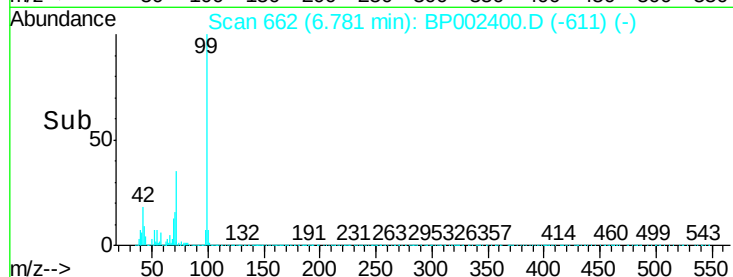
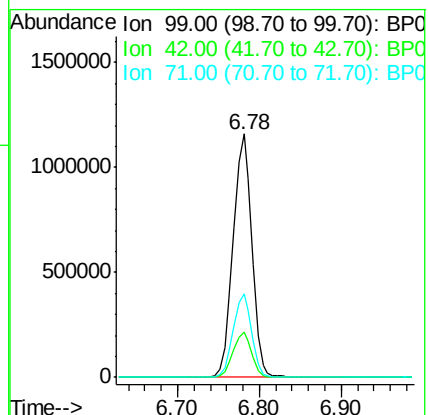
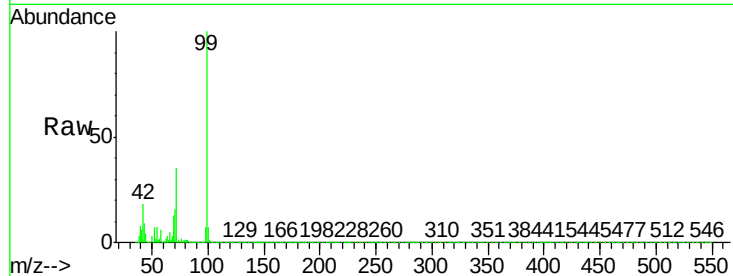
71 34.5 27.2 40.8

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#8

2-Chlorophenol

Concen: 5.179 ng

RT: 7.16 min Scan# 727

Delta R.T. 0.00 min

Lab File: BP002400.D

Acq: 12 Jun 2020 16:14

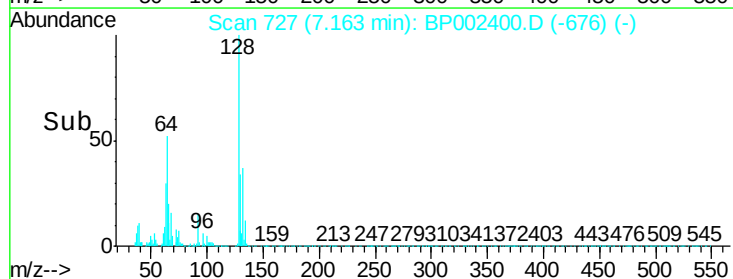
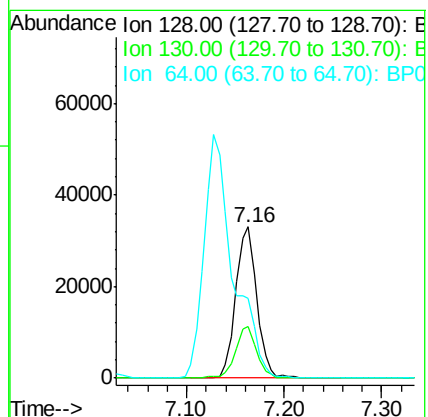
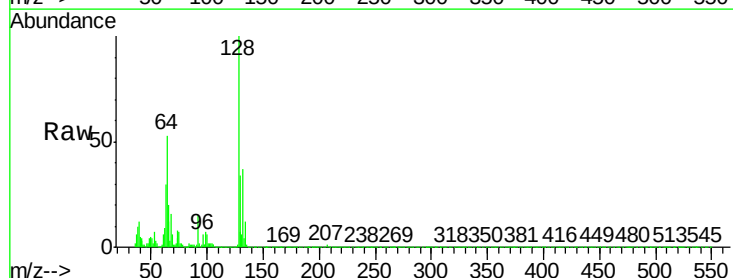
Tgt Ion: 128 Resp: 49608

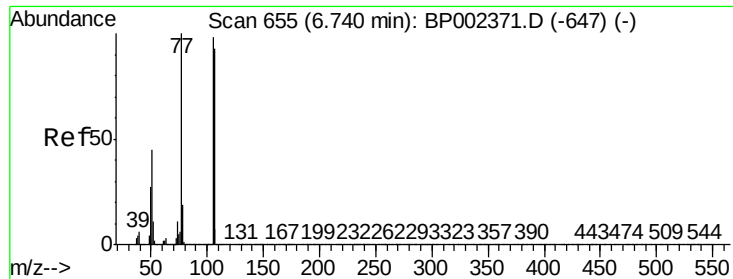
Ion Ratio Lower Upper

128 100

130 34.1 12.5 52.5

64 52.7 27.7 67.7





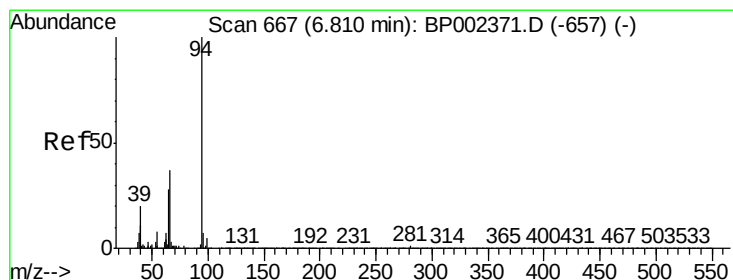
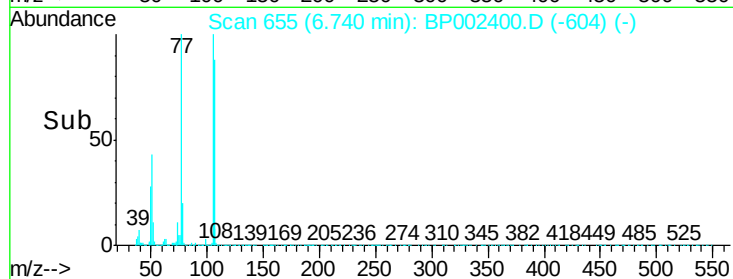
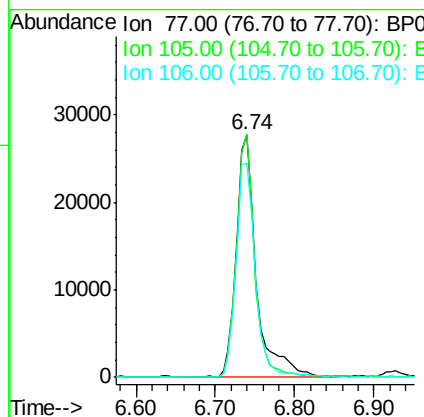
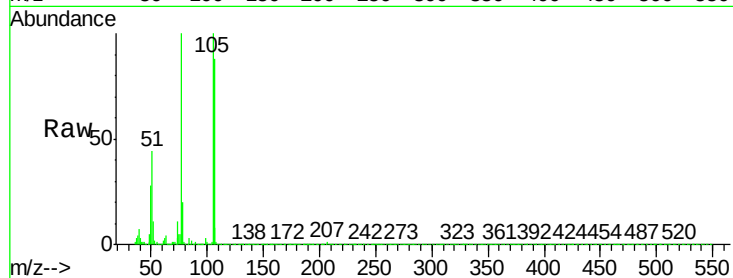
#9
Benzaldehyde
Concen: 8.421 ng
RT: 6.74 min Scan# 655
Delta R.T. 0.00 min
Lab File: BP002400.D
Acq: 12 Jun 2020 16:14

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

Tot Ion	Ratio	Lower	Upper
77	100		
105	100.4	78.1	118.1
106	88.1	73.2	113.2

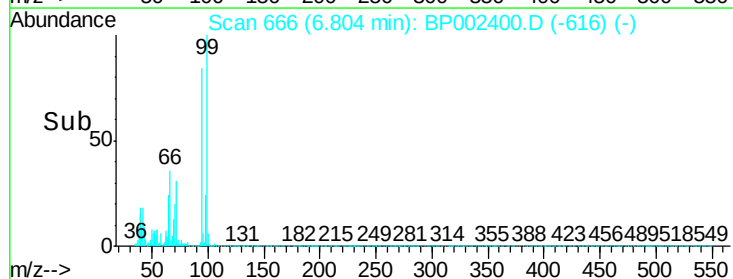
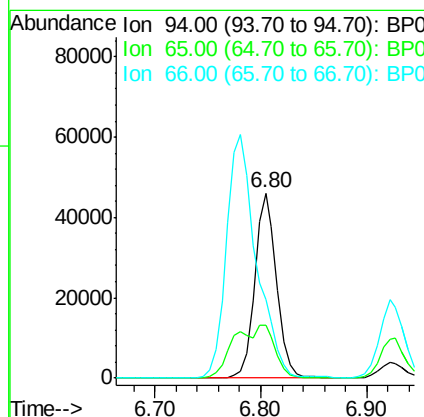
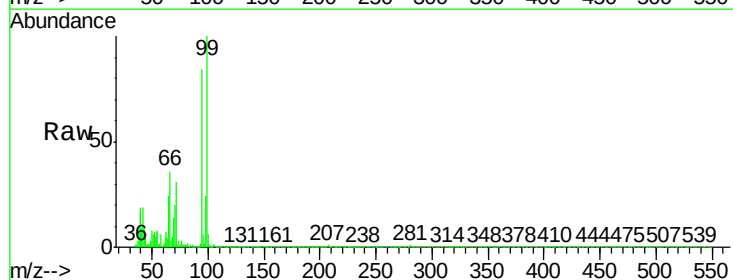
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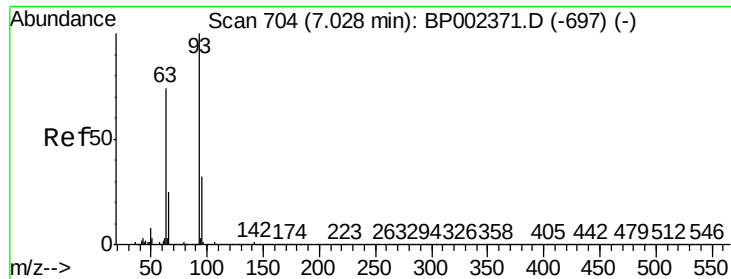
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#10
Phenol
Concen: 5.382 ng
RT: 6.80 min Scan# 666
Delta R.T. -0.01 min
Lab File: BP002400.D
Acq: 12 Jun 2020 16:14

Tgt Ion	Ratio	Lower	Upper
94	100		
65	28.8	7.7	47.7
66	42.6	16.9	56.9





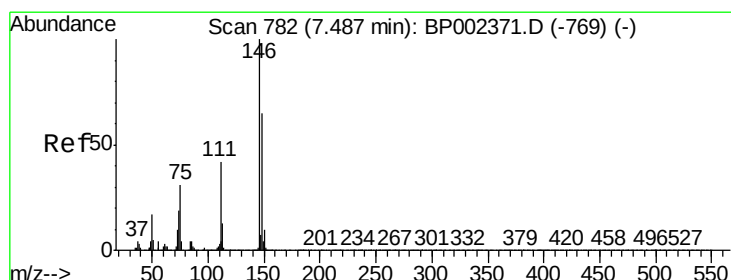
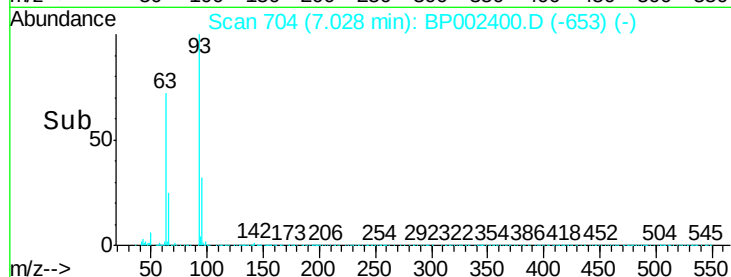
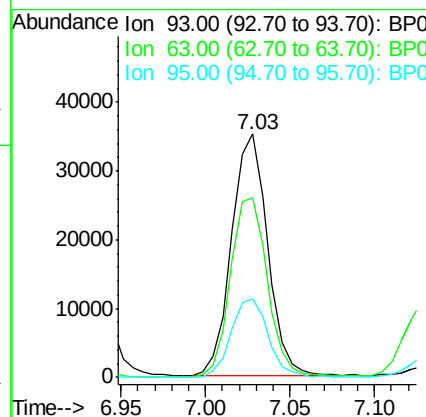
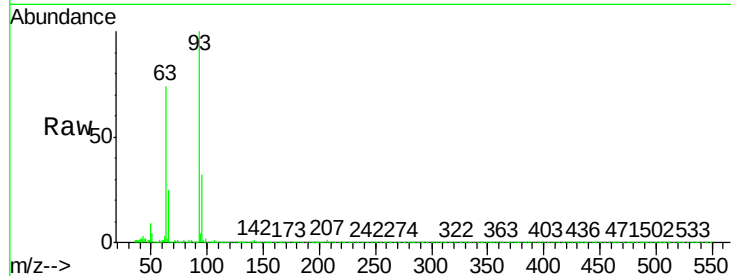
#11
bis(2-Chloroethyl)ether
Concen: 5.083 ng
RT: 7.03 min Scan# 704
Delta R.T. 0.00 min
Lab File: BP002400.D
Acq: 12 Jun 2020 16:14

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

Tot Ion	Ratio	Lower	Upper
93	100		
63	73.9	54.2	94.2
95	32.5	11.8	51.8

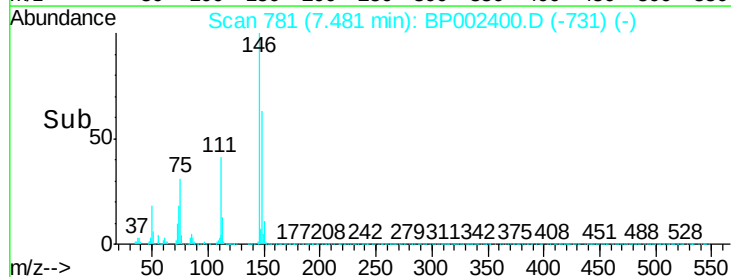
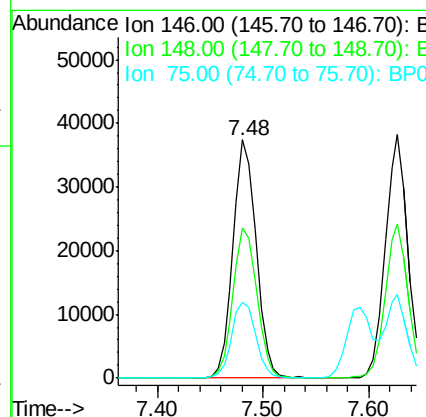
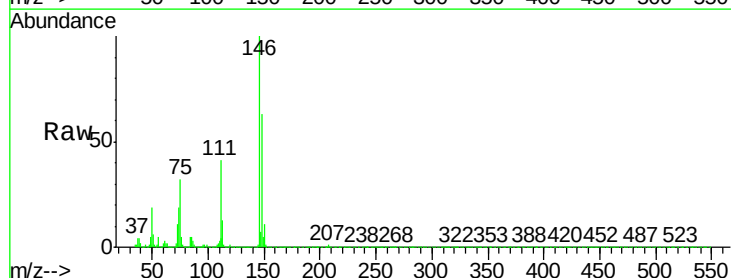
Manual Integrations
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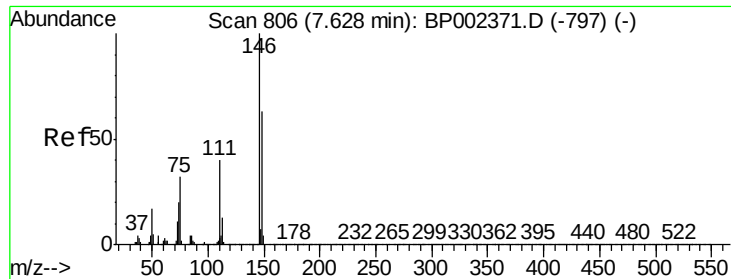
mohammad
6/15/2020 8:47:06 AM



#12
1,3-Dichlorobenzene
Concen: 5.154 ng
RT: 7.48 min Scan# 781
Delta R.T. -0.01 min
Lab File: BP002400.D
Acq: 12 Jun 2020 16:14

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.2	51.6	77.4
75	31.9	25.0	37.4





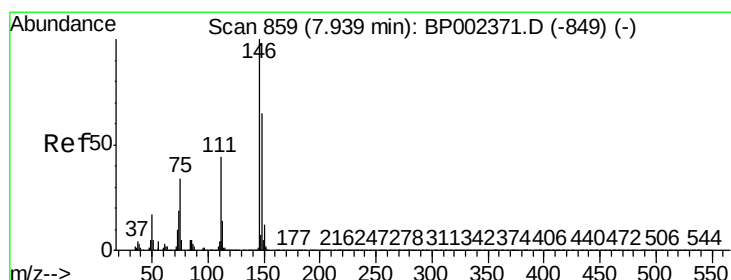
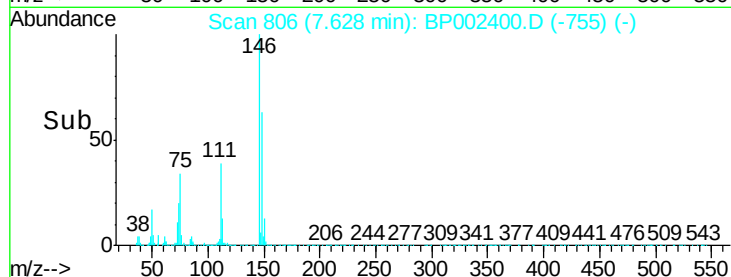
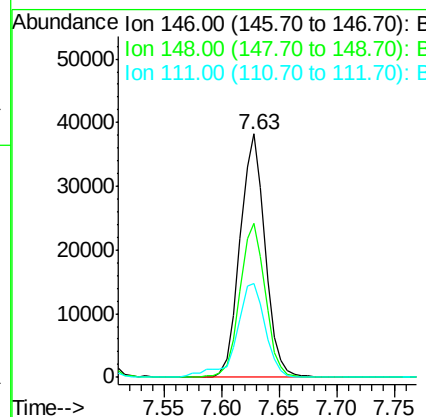
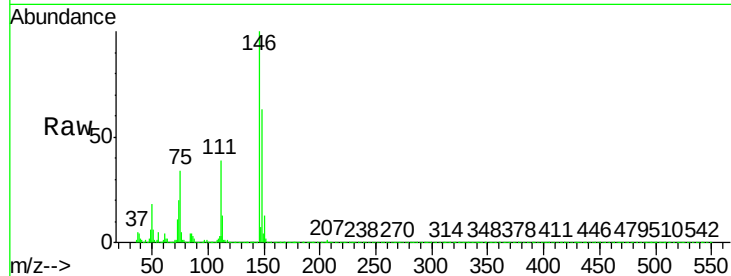
#13
 1,4-Dichlorobenzene
 Concen: 5.161 ng
 RT: 7.63 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: BP002400.D
 Acq: 12 Jun 2020 16:14

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

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.5	50.7	76.1
111	38.6	32.2	48.2

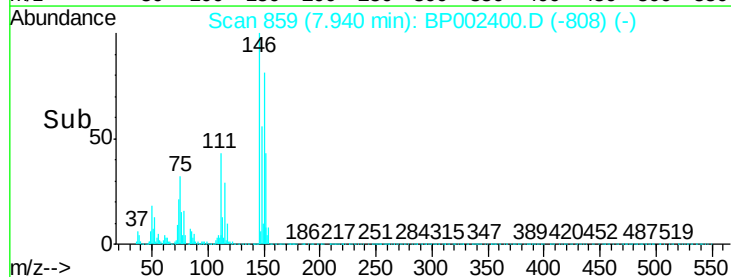
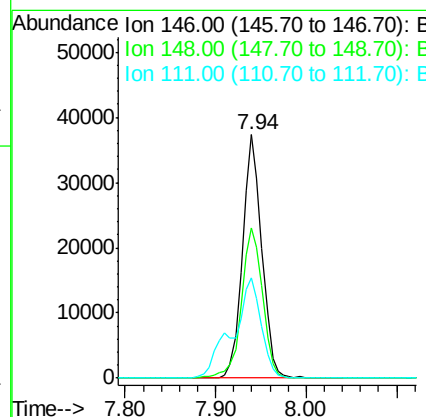
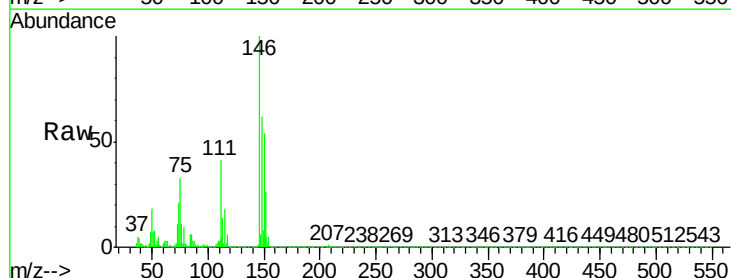
Manual Integrations
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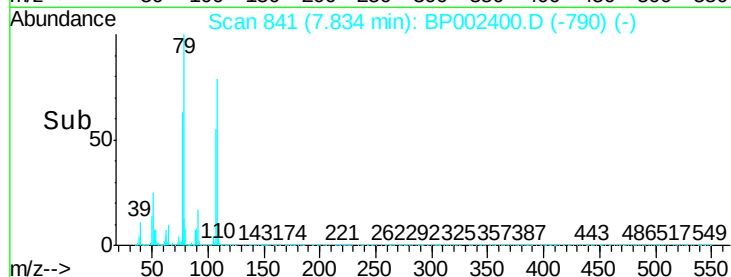
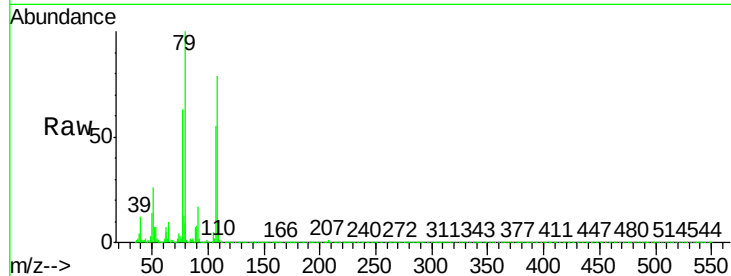
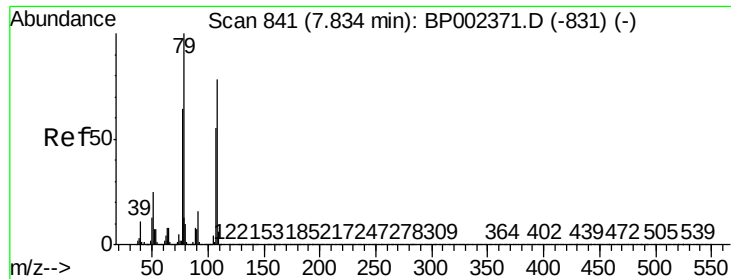
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#14
 1,2-Dichlorobenzene
 Concen: 5.204 ng
 RT: 7.94 min Scan# 859
 Delta R.T. 0.00 min
 Lab File: BP002400.D
 Acq: 12 Jun 2020 16:14

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.6	51.8	77.6
111	41.3	35.4	53.2





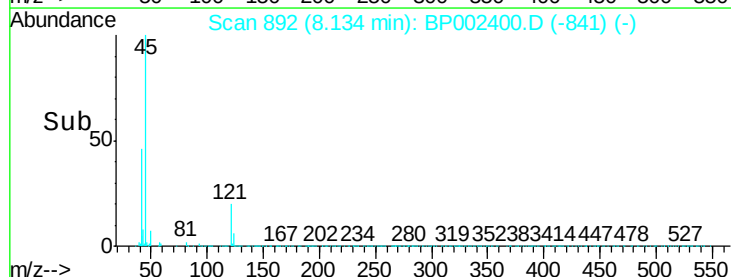
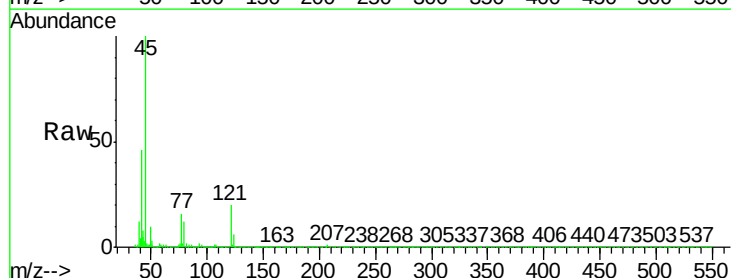
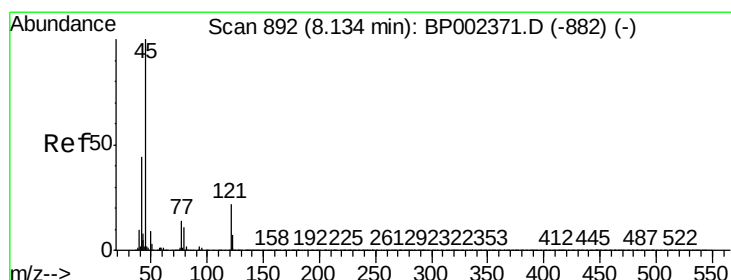
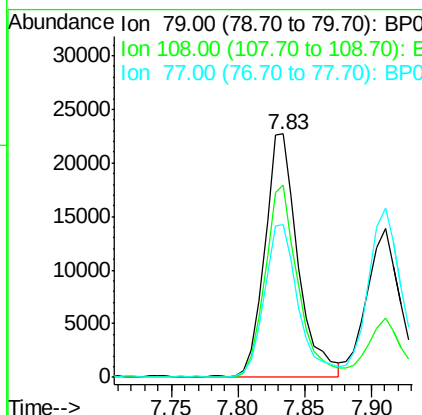
#15
Benzyl Alcohol
Concen: 4.433 ng
RT: 7.83 min Scan# 841
Delta R.T. 0.00 min
Lab File: BP002400.D
Acq: 12 Jun 2020 16:14

Tot Ion	Ratio	Lower	Upper
79	100		
108	79.1	62.6	94.0
77	62.8	51.5	77.3

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

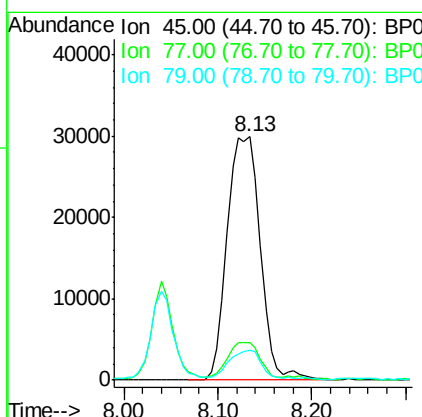
Manual Integrations
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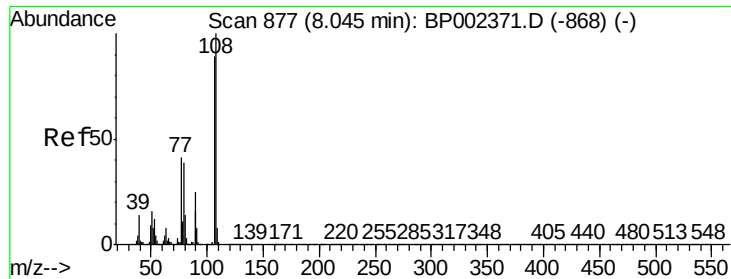
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 5.038 ng
RT: 8.13 min Scan# 892
Delta R.T. 0.00 min
Lab File: BP002400.D
Acq: 12 Jun 2020 16:14

Tgt Ion	Ratio	Lower	Upper
45	100		
77	15.6	0.0	35.0
79	12.1	0.0	32.0





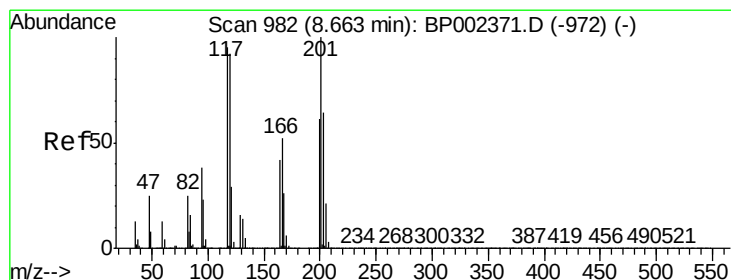
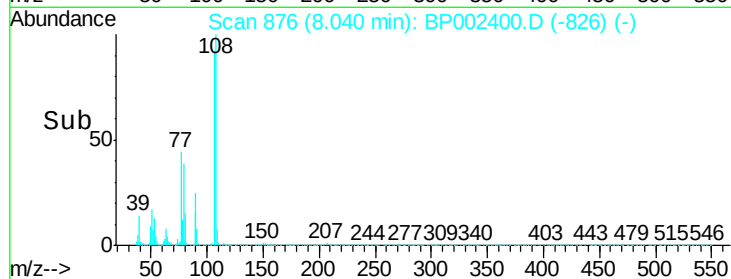
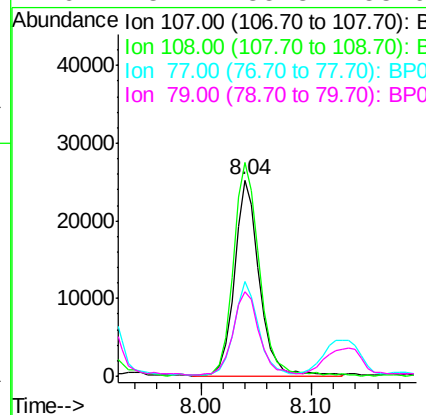
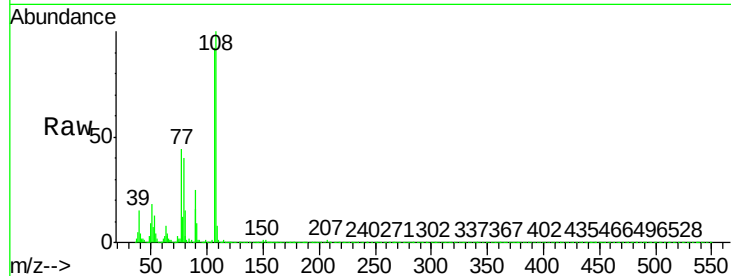
#17
2-Methylphenol
Concen: 4.401 ng
RT: 8.04 min Scan# 876
Delta R.T. -0.01 min
Lab File: BP002400.D
Acq: 12 Jun 2020 16:14

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

Tot Ion	Ratio	Lower	Upper
107	100		
108	108.9	90.3	135.5
77	48.2	37.1	55.7
79	43.2	35.8	53.6

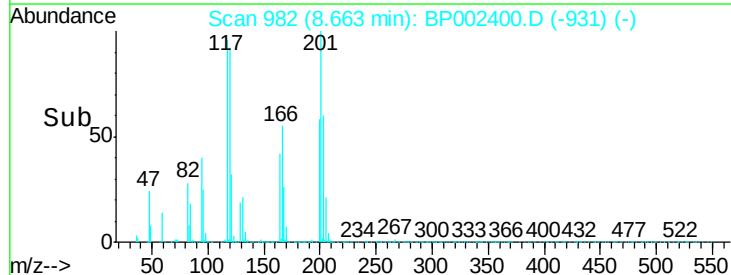
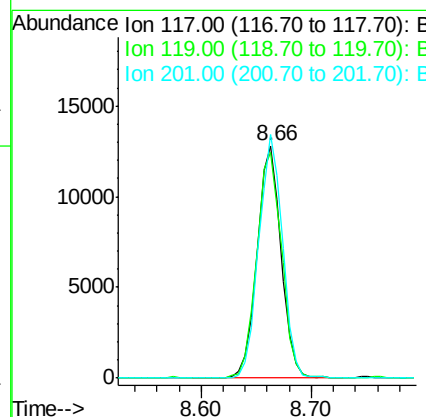
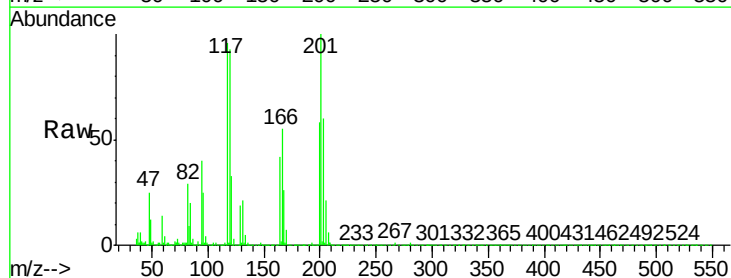
Manual Integrations
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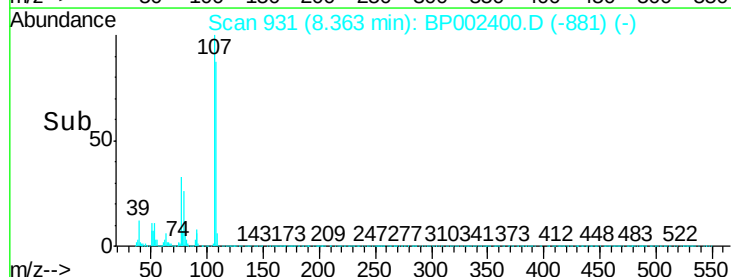
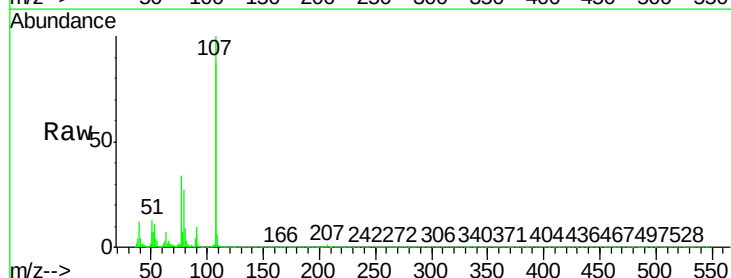
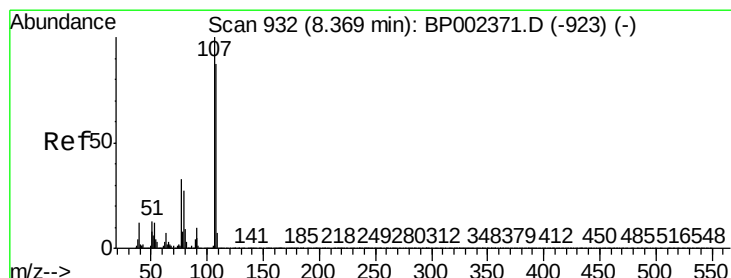
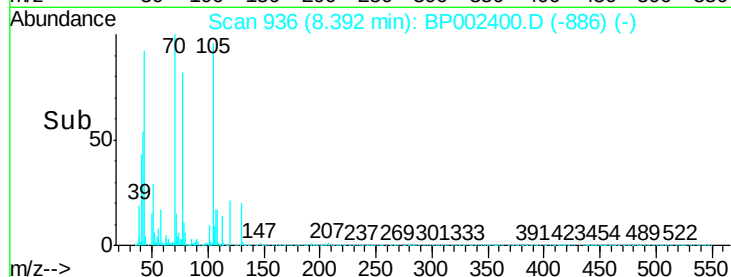
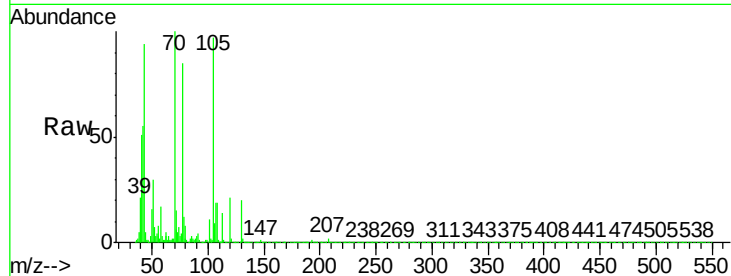
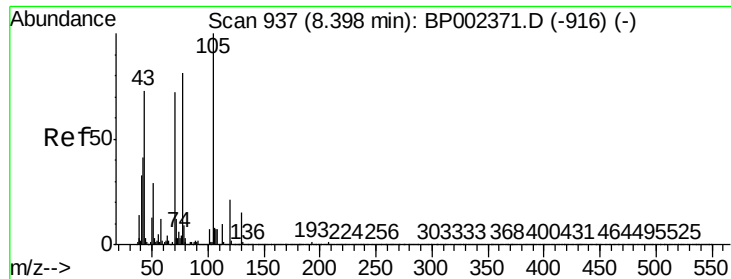
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#18
Hexachloroethane
Concen: 4.824 ng
RT: 8.66 min Scan# 982
Delta R.T. 0.00 min
Lab File: BP002400.D
Acq: 12 Jun 2020 16:14

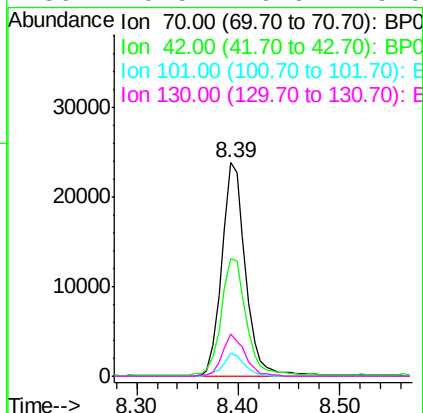
Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.8	77.8	116.8
201	104.7	84.2	126.4





#19
n-Nitroso-di-n-propylamine
Concen: 5.072 ng
RT: 8.39 min Scan# 936
Delta R.T. -0.01 min
Lab File: BP002400.D
Acq: 12 Jun 2020 16:14

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	55.0	45.7	68.5	
101	10.6	7.5	11.3	
130	19.5	16.6	25.0	



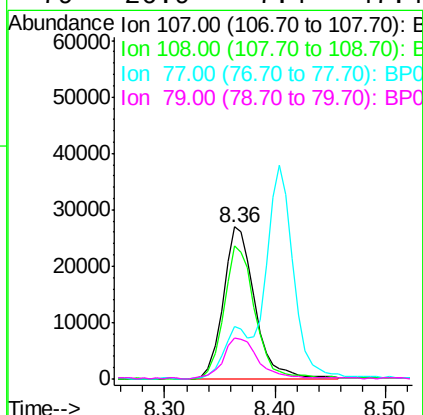
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2020

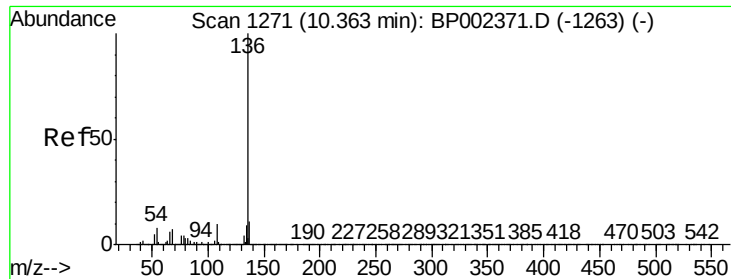
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#20
3+4-Methylphenols
Concen: 4.383 ng
RT: 8.36 min Scan# 931
Delta R.T. -0.01 min
Lab File: BP002400.D
Acq: 12 Jun 2020 16:14

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	87.5	67.5	107.5	
77	34.5	13.5	53.5	
79	26.9	7.4	47.4	





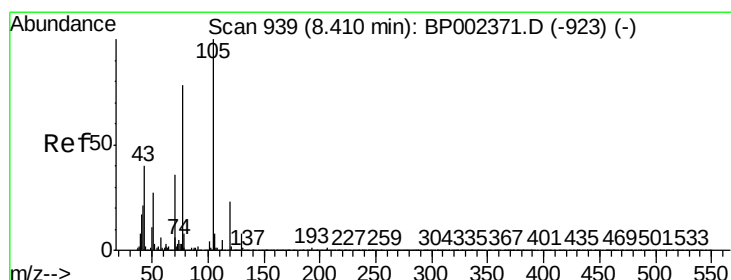
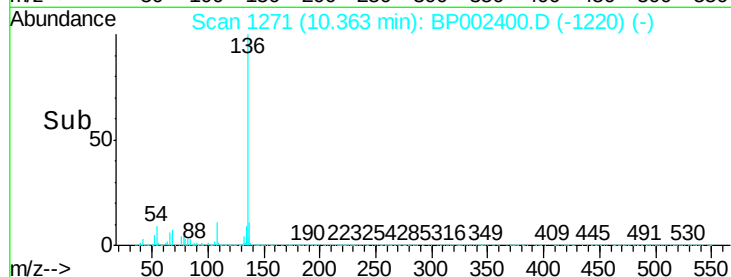
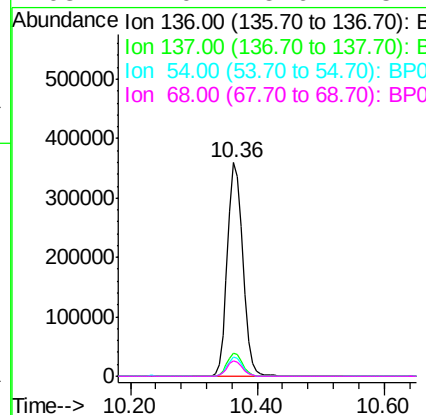
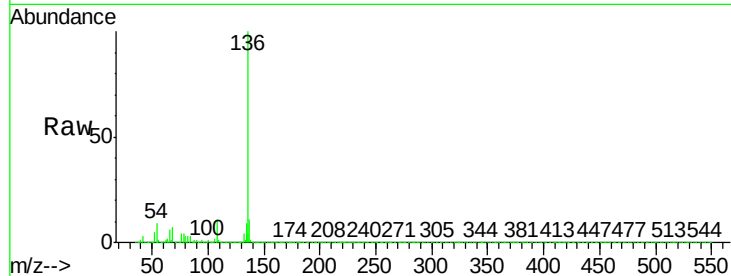
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.36 min Scan# 1271
Delta R.T. 0.00 min
Lab File: BP002400.D
Acq: 12 Jun 2020 16:14

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

Tot Ion	Ratio	Resp	Lower	Upper
136	100	610152		
137	10.6	8.8	13.2	
54	8.9	6.4	9.6	
68	7.0	5.6	8.4	

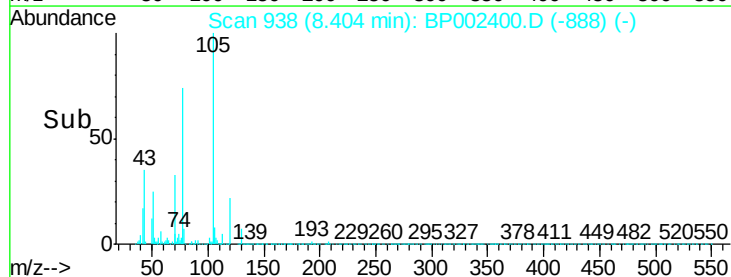
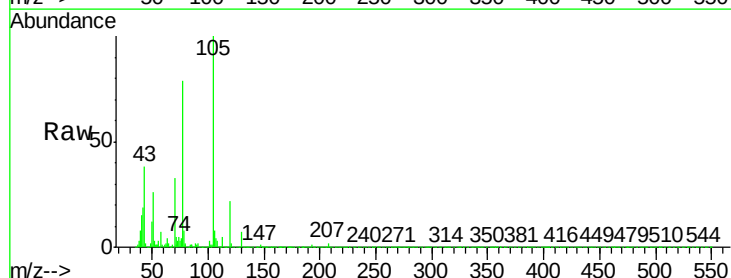
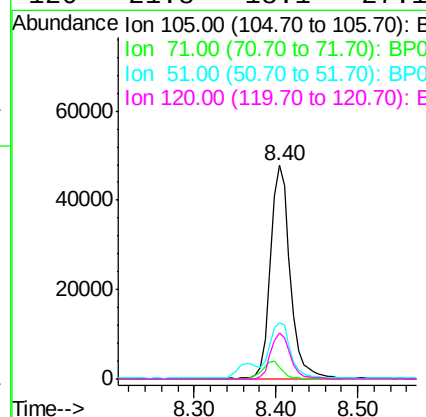
Manual Integrations
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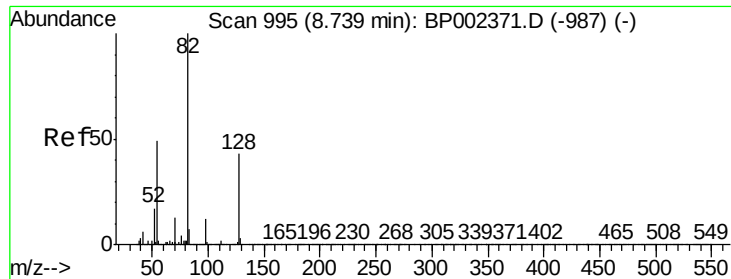
mohammad
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#22
Acetophenone
Concen: 5.851 ng
RT: 8.40 min Scan# 938
Delta R.T. -0.01 min
Lab File: BP002400.D
Acq: 12 Jun 2020 16:14

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	80208		
71	5.5	4.7	7.1	
51	26.4	21.4	32.0	
120	21.8	18.1	27.1	





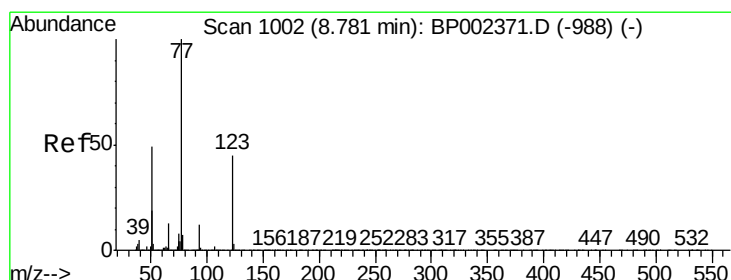
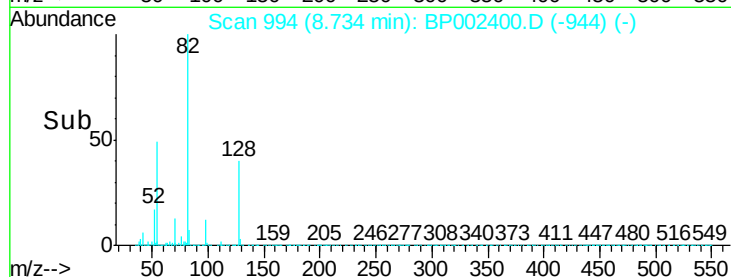
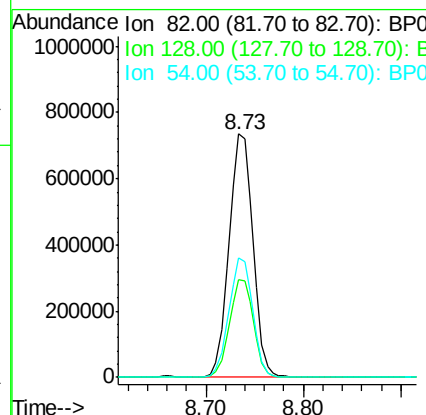
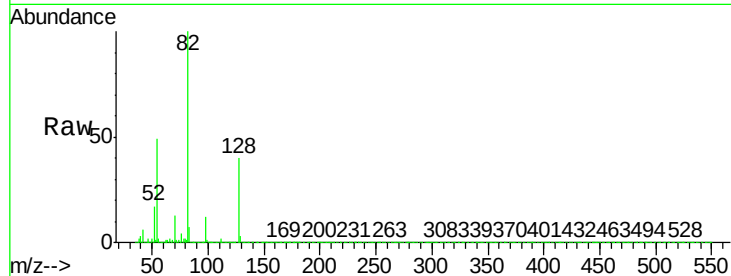
#23
 Nitrobenzene-d5
 Concen: 122.189 ng
 RT: 8.73 min Scan# 994
 Delta R.T. -0.01 min
 Lab File: BP002400.D
 Acq: 12 Jun 2020 16:14

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

Tot Ion	Ratio	Lower	Upper
82	100		
128	40.1	34.5	51.7
54	49.2	39.4	59.2

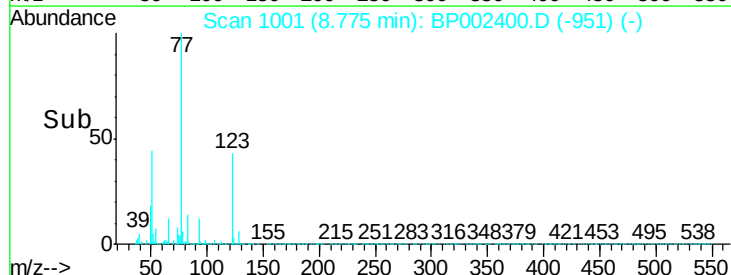
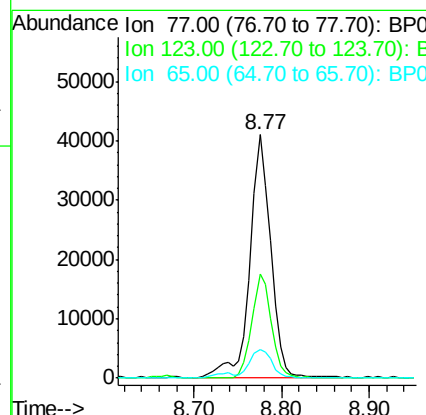
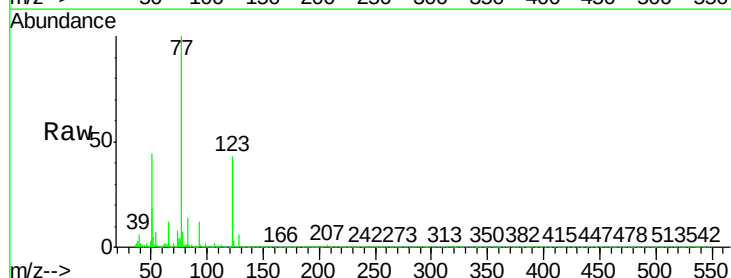
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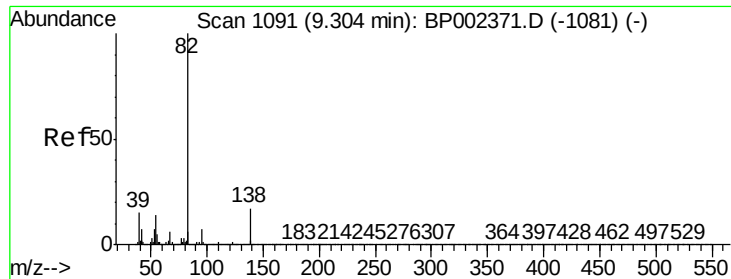
mohammad
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#24
 Nitrobenzene
 Concen: 5.943 ng
 RT: 8.77 min Scan# 1001
 Delta R.T. -0.01 min
 Lab File: BP002400.D
 Acq: 12 Jun 2020 16:14

Tgt Ion	Ratio	Lower	Upper
77	100		
123	42.7	35.8	53.8
65	12.0	10.5	15.7





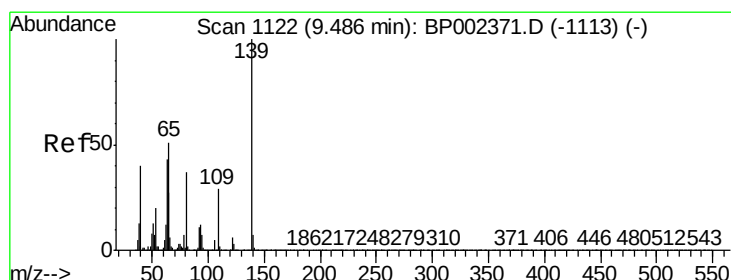
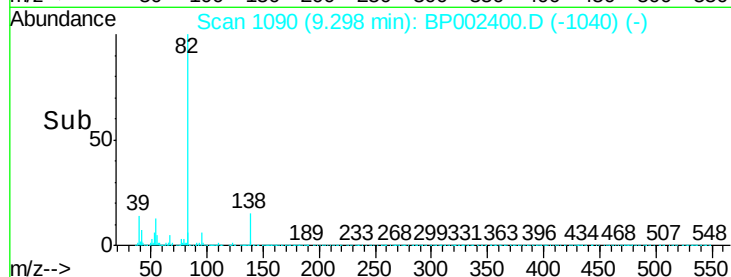
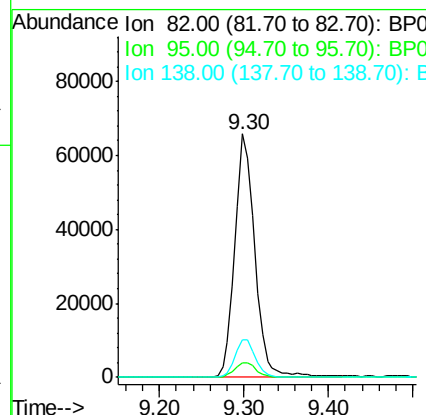
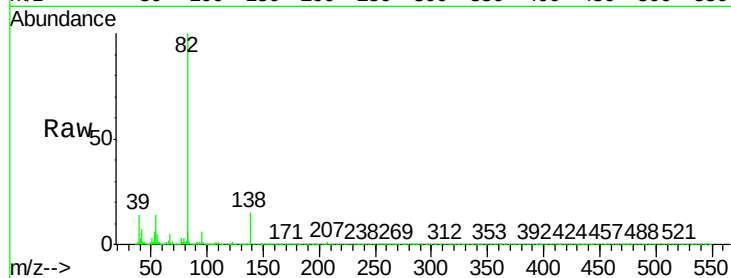
#25
Isophorone
Concen: 5.128 ng
RT: 9.30 min Scan# 1090
Delta R.T. -0.01 min
Lab File: BP002400.D
Acq: 12 Jun 2020 16:14

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

Tot Ion	Ratio	Lower	Upper
82	100		
95	6.0	5.4	8.2
138	15.3	13.4	20.0

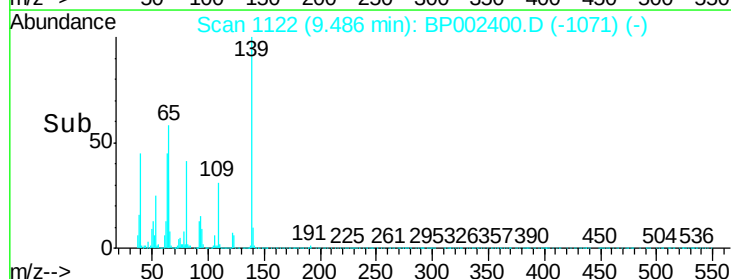
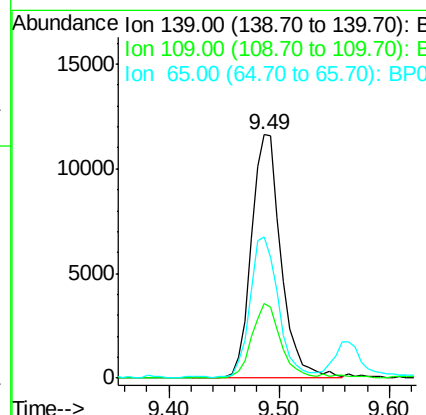
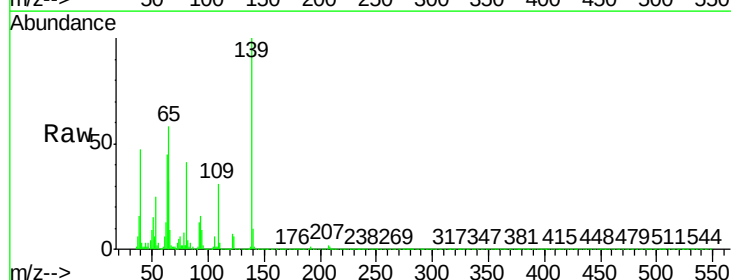
Manual Integrations
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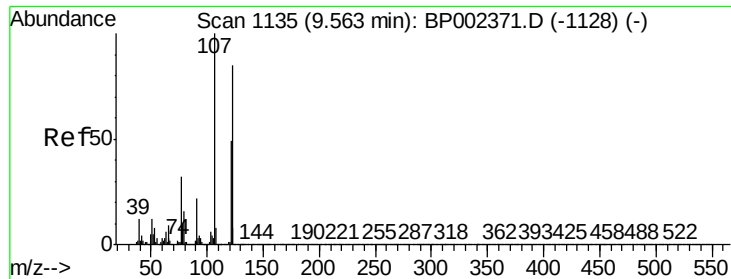
mohammad
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#26
2-Nitrophenol
Concen: 4.491 ng
RT: 9.49 min Scan# 1122
Delta R.T. 0.00 min
Lab File: BP002400.D
Acq: 12 Jun 2020 16:14

Tgt Ion	Ratio	Lower	Upper
139	100		
109	30.7	23.4	35.2
65	58.1	41.1	61.7





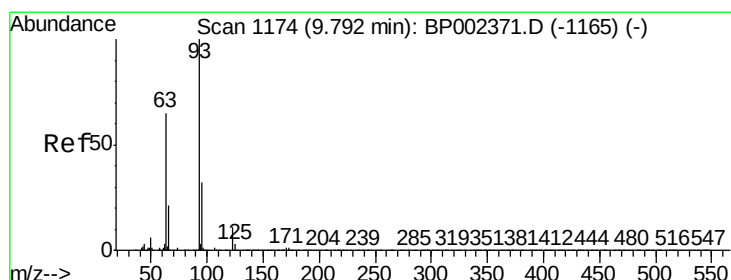
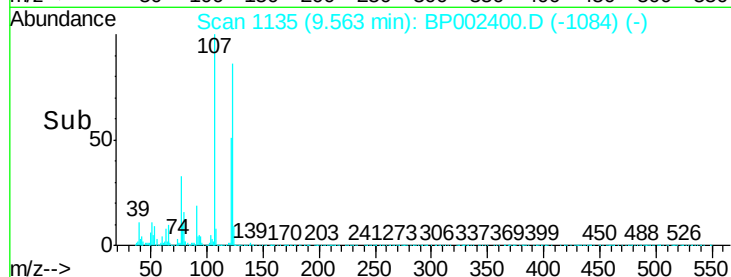
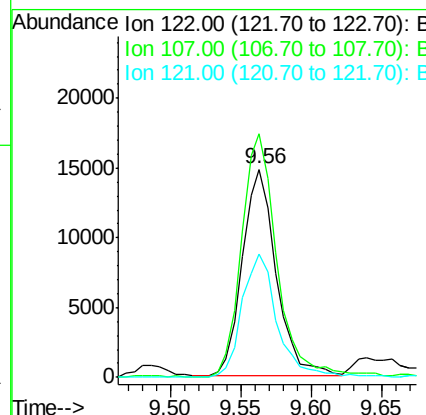
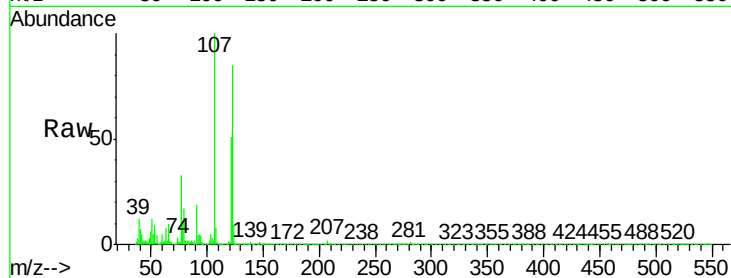
#27
2,4-Dimethylphenol
Concen: 3.264 ng
RT: 9.56 min Scan# 1135
Delta R.T. 0.00 min
Lab File: BP002400.D
Acq: 12 Jun 2020 16:14

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

Tot Ion	Ratio	Lower	Upper
122	100		
107	117.0	94.0	141.0
121	59.4	46.4	69.6

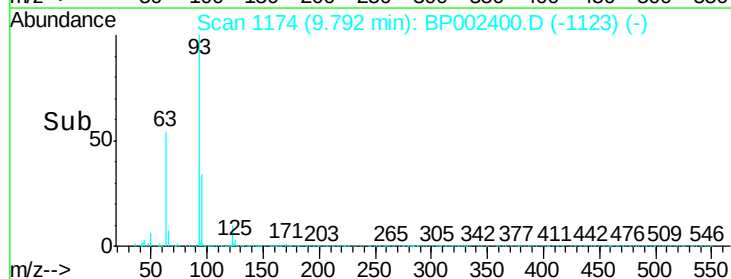
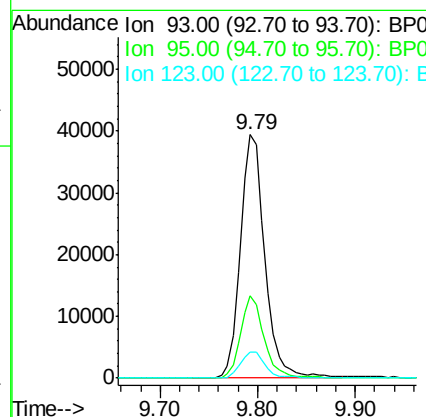
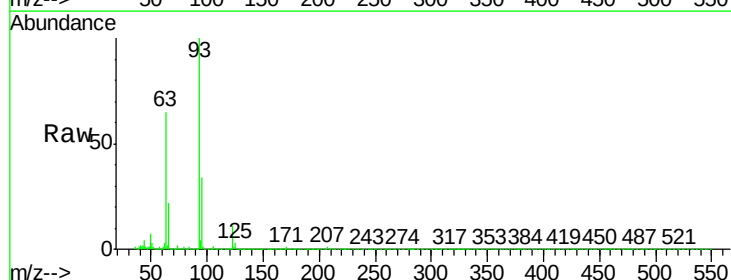
Manual Integrations
APPROVED

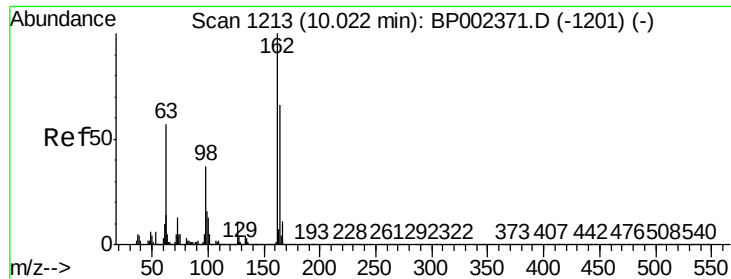
mohammad
6/15/2020 8:47:06 AM



#28
bis(2-Chloroethoxy)methane
Concen: 5.523 ng
RT: 9.79 min Scan# 1174
Delta R.T. 0.00 min
Lab File: BP002400.D
Acq: 12 Jun 2020 16:14

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.7	25.8	38.8
123	10.6	8.7	13.1





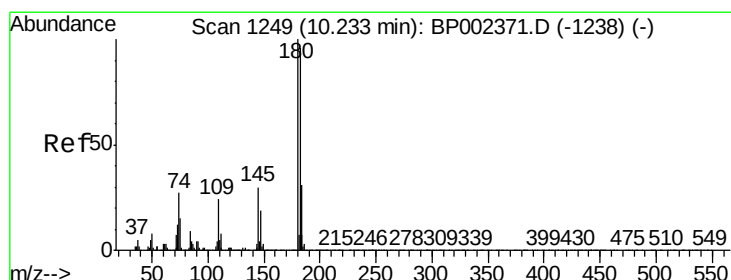
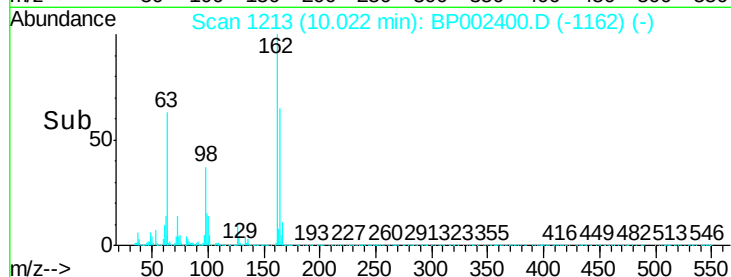
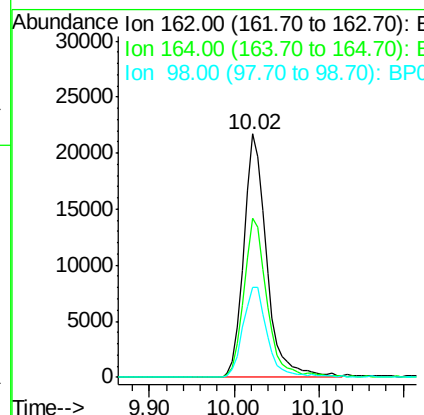
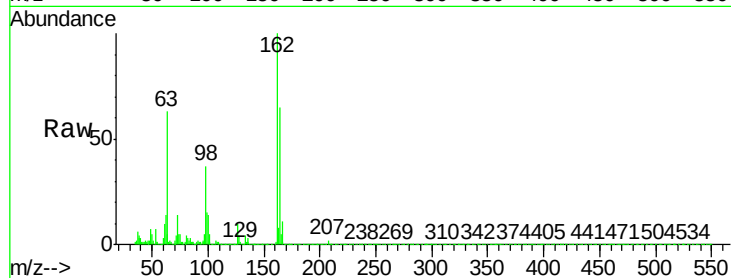
#29
2,4-Dichlorophenol
Concen: 4.677 ng
RT: 10.02 min Scan# 1213
Delta R.T. 0.00 min
Lab File: BP002400.D
Acq: 12 Jun 2020 16:14

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

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.2	45.5	85.5
98	37.0	16.6	56.6

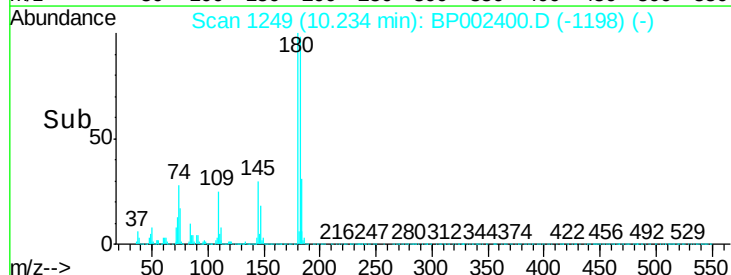
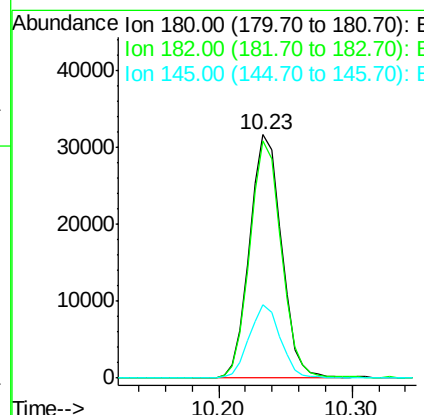
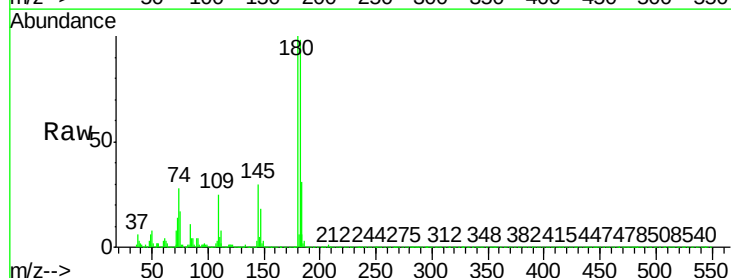
Manual Integrations
APPROVED

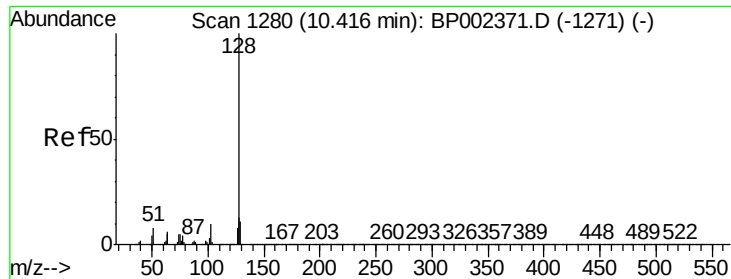
mohammad
6/15/2020 8:47:06 AM



#30
1,2,4-Trichlorobenzene
Concen: 5.415 ng
RT: 10.23 min Scan# 1249
Delta R.T. 0.00 min
Lab File: BP002400.D
Acq: 12 Jun 2020 16:14

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.7	77.1	115.7
145	29.9	23.8	35.6





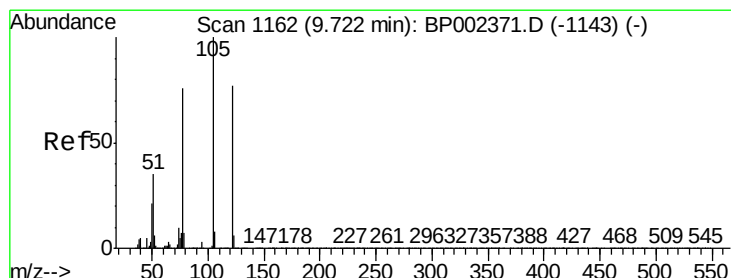
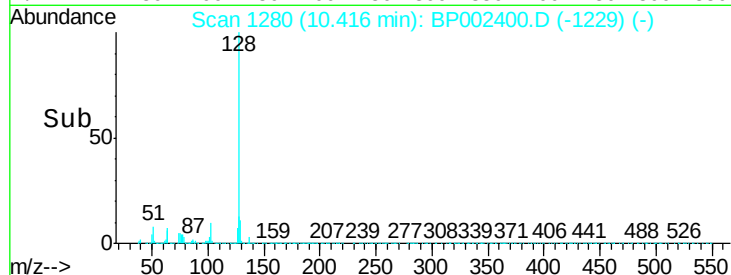
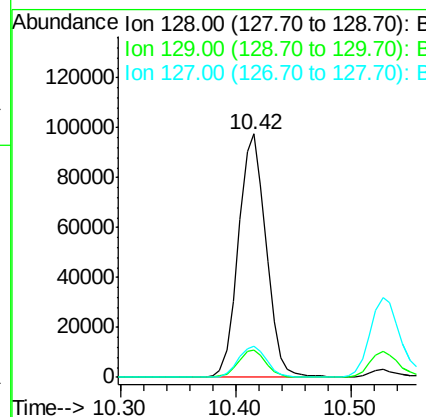
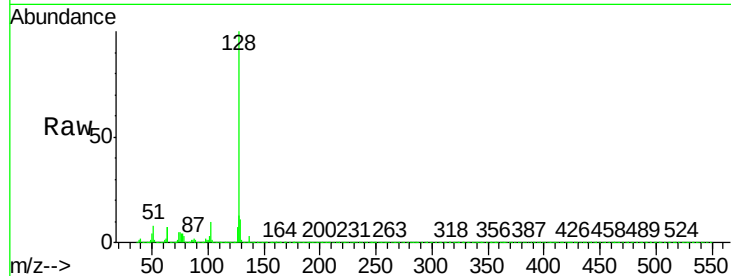
#31
Naphthalene
Concen: 5.698 ng
RT: 10.42 min Scan# 1280
Delta R.T. 0.00 min
Lab File: BP002400.D
Acq: 12 Jun 2020 16:14

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

Tot Ion	Ratio	Resp	Lower	Upper
128	100	161511		
129	11.1	8.7	13.1	
127	12.6	10.3	15.5	

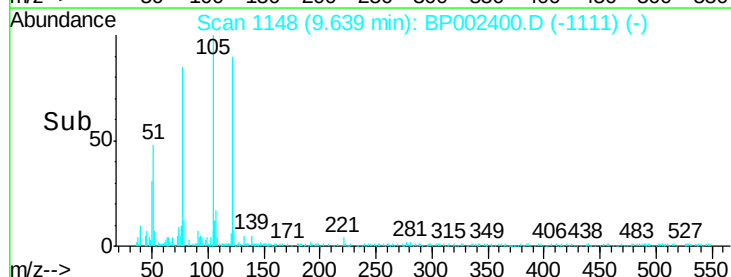
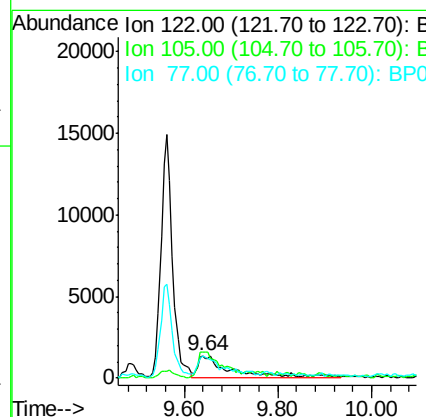
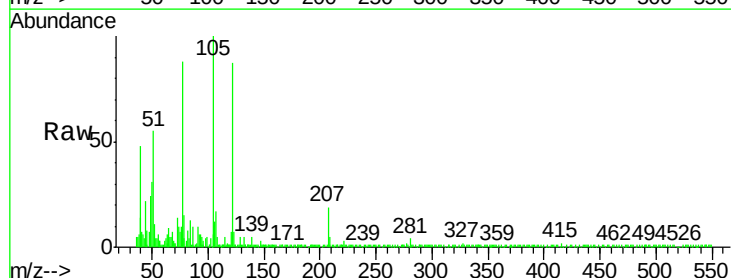
Manual Integrations
APPROVED

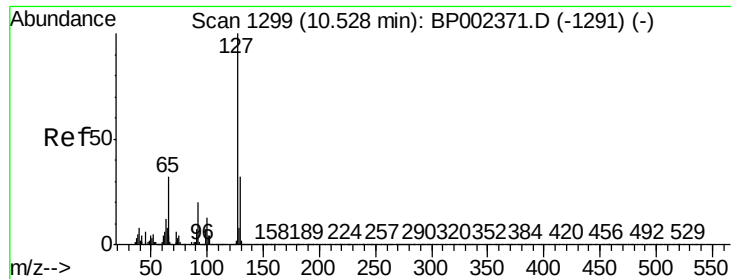
mohammad
6/15/2020 8:47:06 AM



#32
Benzoic acid
Concen: 1.219 ng m
RT: 9.64 min Scan# 1148
Delta R.T. -0.08 min
Lab File: BP002400.D
Acq: 12 Jun 2020 16:14

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	7122		
105	115.1	106.3	146.3	
77	100.8	77.5	117.5	





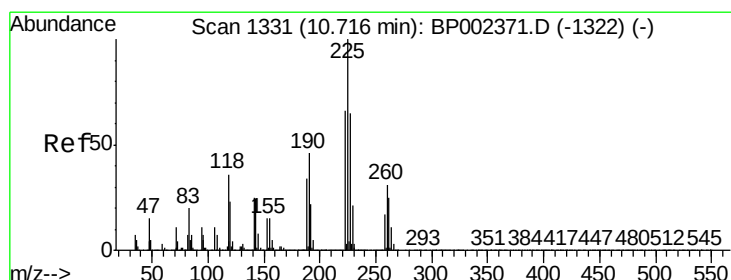
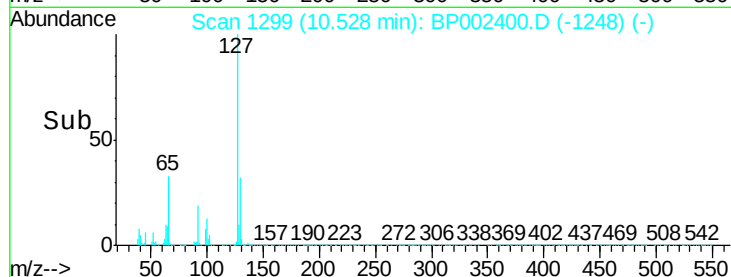
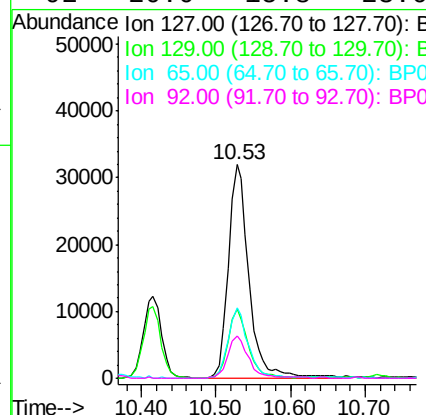
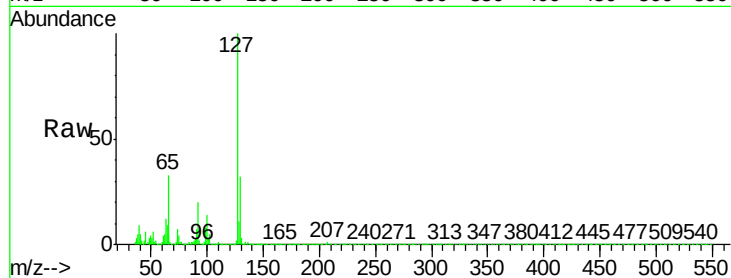
#33
4-Chloroaniline
Concen: 4.974 ng
RT: 10.53 min Scan# 1299
Delta R.T. 0.00 min
Lab File: BP002400.D
Acq: 12 Jun 2020 16:14

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

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.3	25.4	38.2
65	33.1	25.3	37.9
92	20.0	15.8	23.6

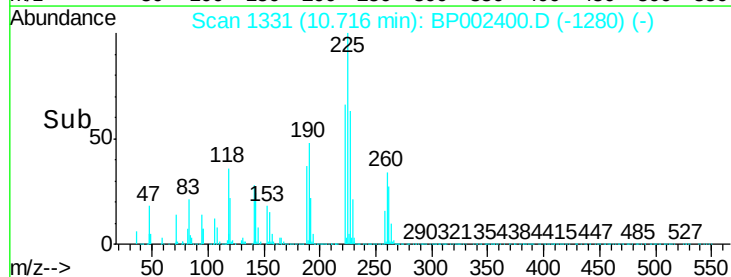
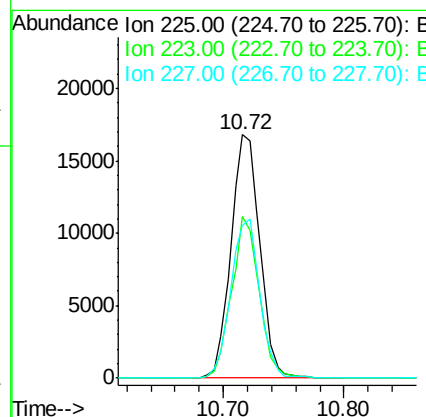
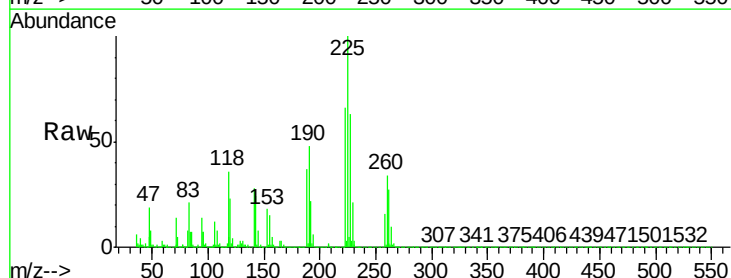
Manual Integrations
APPROVED

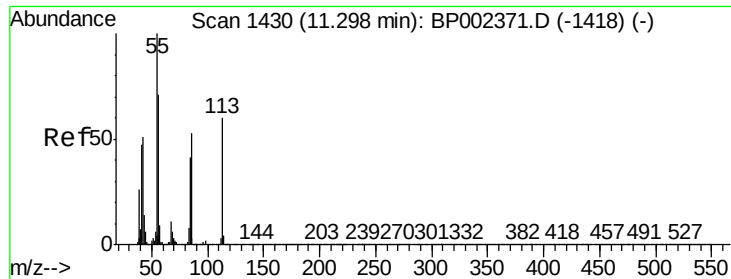
mohammad
6/15/2020 8:47:06 AM



#34
Hexachlorobutadiene
Concen: 4.957 ng
RT: 10.72 min Scan# 1331
Delta R.T. 0.00 min
Lab File: BP002400.D
Acq: 12 Jun 2020 16:14

Tgt Ion	Ratio	Lower	Upper
225	100		
223	66.4	52.6	78.8
227	62.9	52.2	78.2





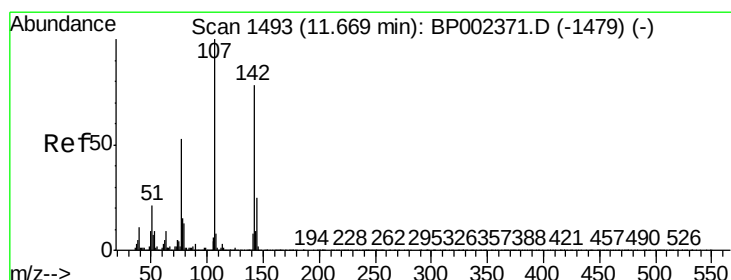
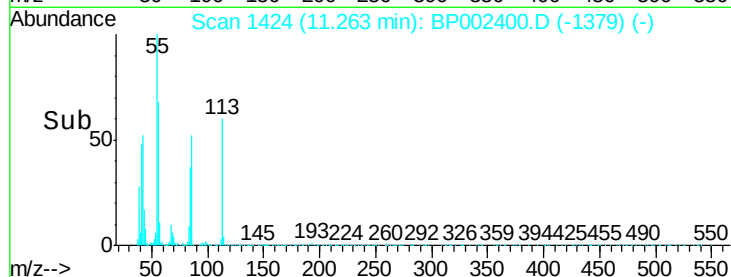
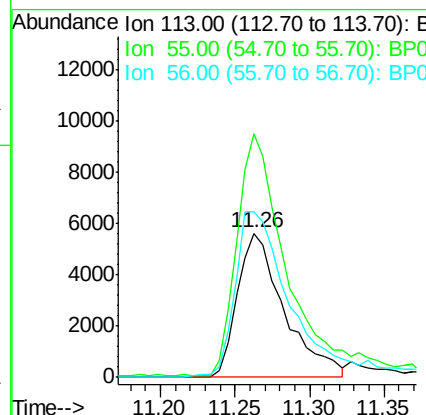
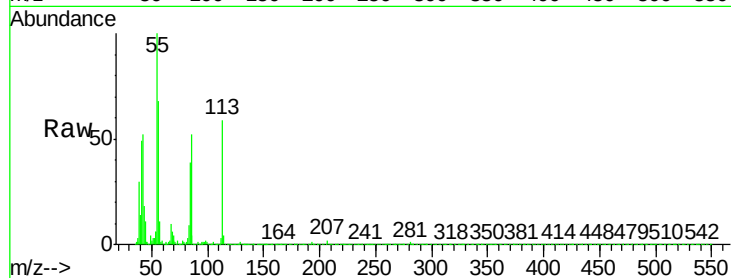
#35
Caprolactam
Concen: 3.995 ng
RT: 11.26 min Scan# 1424
Delta R.T. -0.04 min
Lab File: BP002400.D
Acq: 12 Jun 2020 16:14

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

Tot Ion	Ratio	Lower	Upper
113	100		
55	168.8	147.9	187.9
56	114.7	99.9	139.9

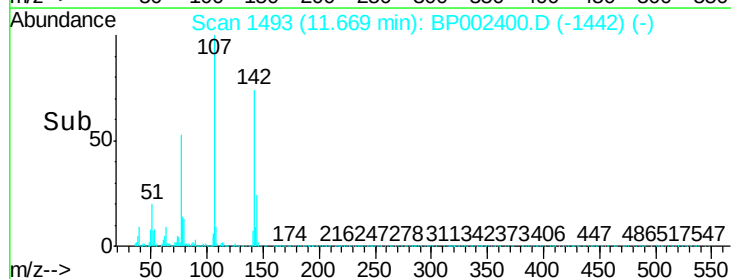
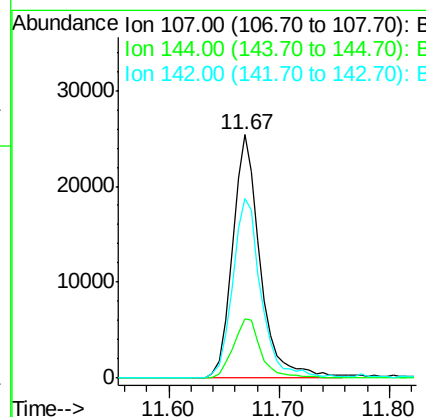
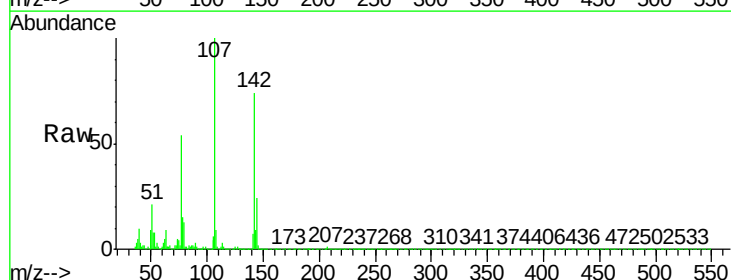
Manual Integrations
APPROVED

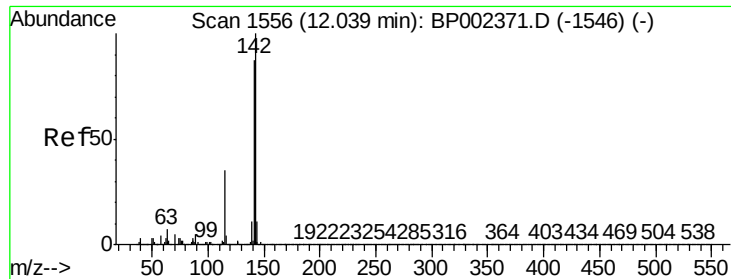
mohammad
6/15/2020 8:47:06 AM



#36
4-Chloro-3-methylphenol
Concen: 4.751 ng
RT: 11.67 min Scan# 1493
Delta R.T. 0.00 min
Lab File: BP002400.D
Acq: 12 Jun 2020 16:14

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.1	20.4	30.6
142	73.9	62.2	93.4





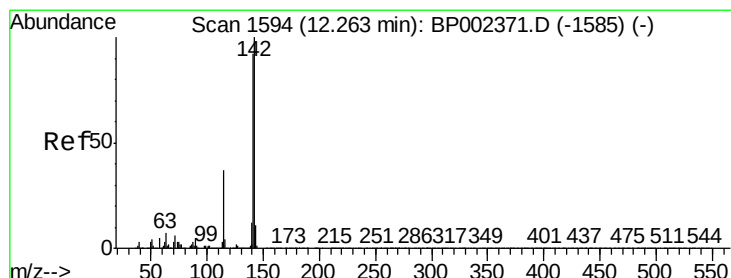
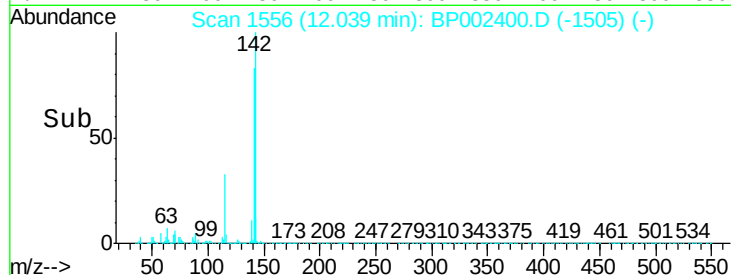
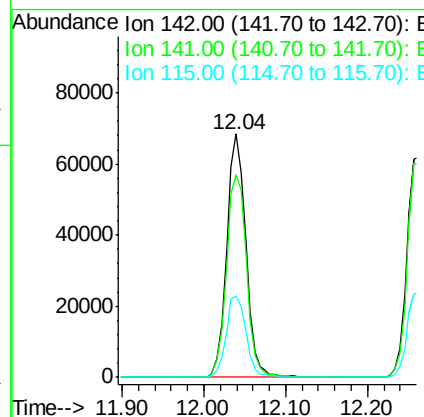
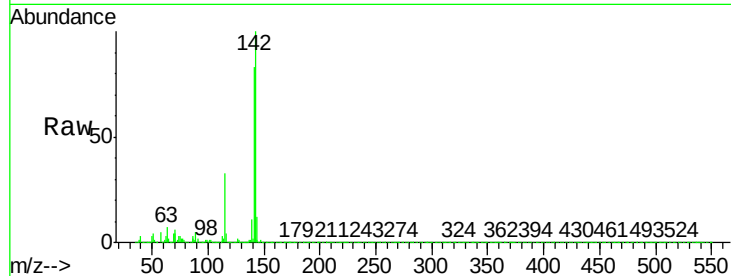
#37
2-Methylnaphthalene
Concen: 5.554 ng
RT: 12.04 min Scan# 1556
Delta R.T. 0.00 min
Lab File: BP002400.D
Acq: 12 Jun 2020 16:14

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

Tot Ion	Ratio	Lower	Upper
142	100		
141	83.2	69.7	104.5
115	33.4	27.8	41.8

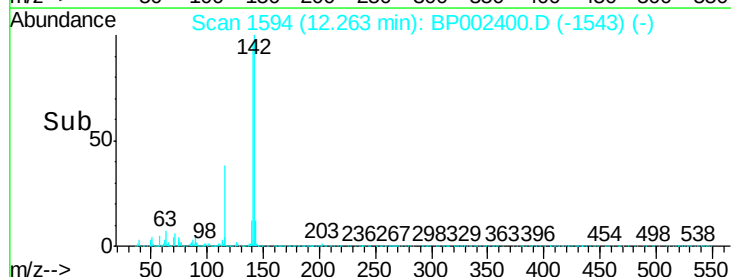
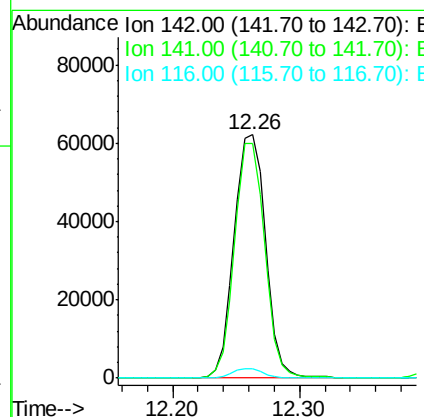
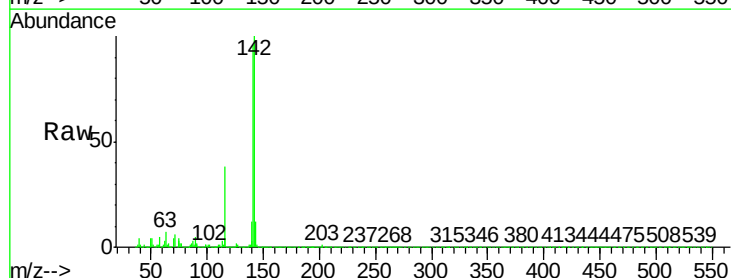
Manual Integrations
APPROVED

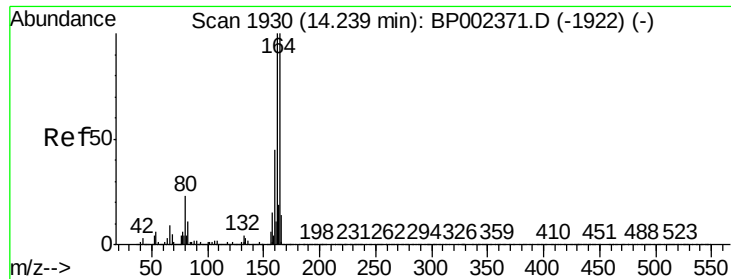
mohammad
6/15/2020 8:47:06 AM



#38
1-Methylnaphthalene
Concen: 5.635 ng
RT: 12.26 min Scan# 1594
Delta R.T. 0.00 min
Lab File: BP002400.D
Acq: 12 Jun 2020 16:14

Tgt Ion	Ratio	Lower	Upper
142	100		
141	96.4	73.6	110.4
116	3.9	3.1	4.7





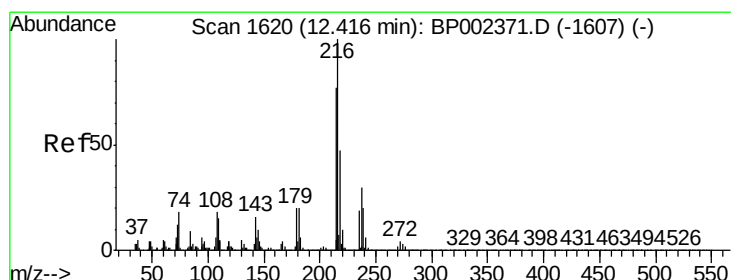
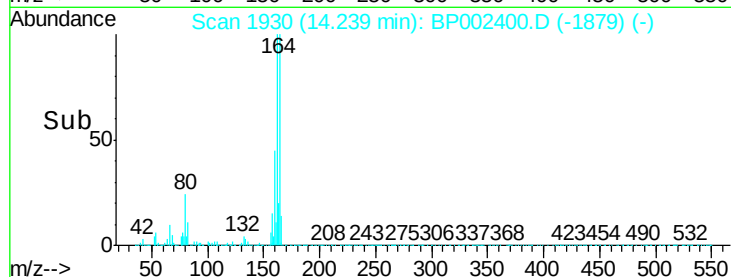
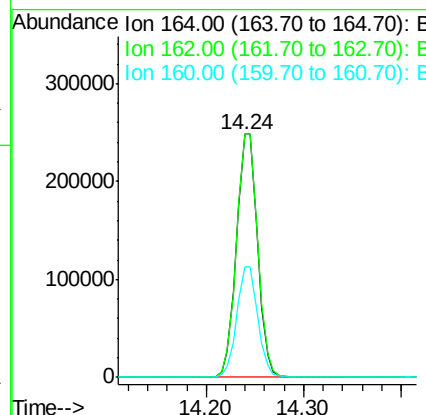
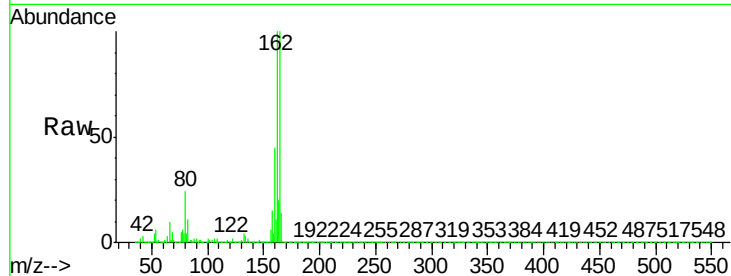
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.24 min Scan# 1930
Delta R.T. 0.00 min
Lab File: BP002400.D
Acq: 12 Jun 2020 16:14

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

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.0	79.8	119.8
160	45.2	36.2	54.2

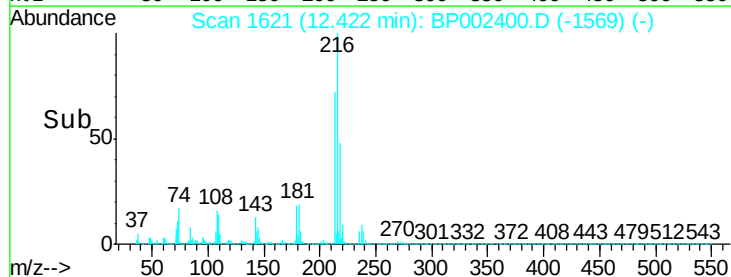
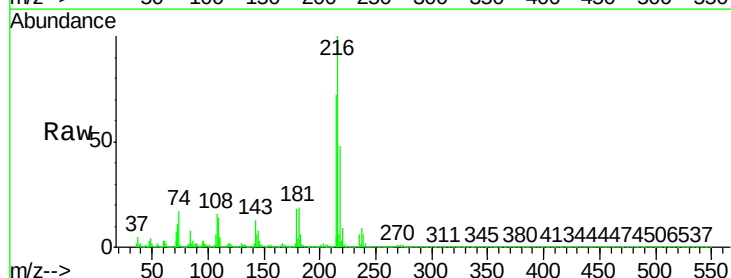
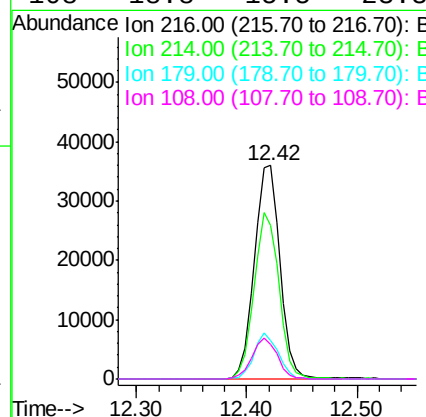
Manual Integrations
APPROVED

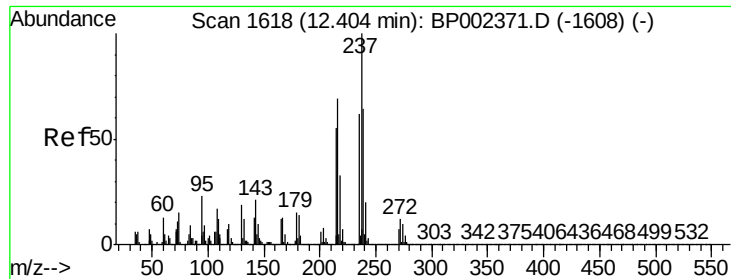
mohammad
6/15/2020 8:47:06 AM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 6.018 ng
RT: 12.42 min Scan# 1621
Delta R.T. 0.01 min
Lab File: BP002400.D
Acq: 12 Jun 2020 16:14

Tgt Ion	Ratio	Lower	Upper
216	100		
214	75.5	62.6	94.0
179	20.4	16.4	24.6
108	18.8	15.5	23.3





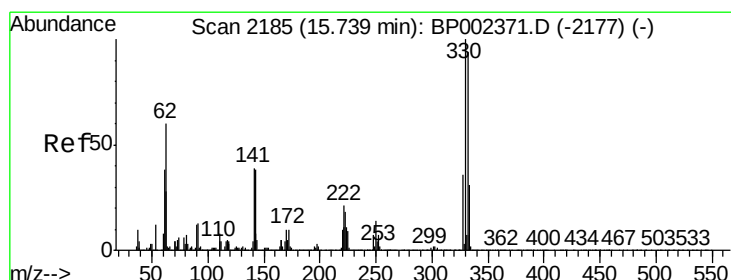
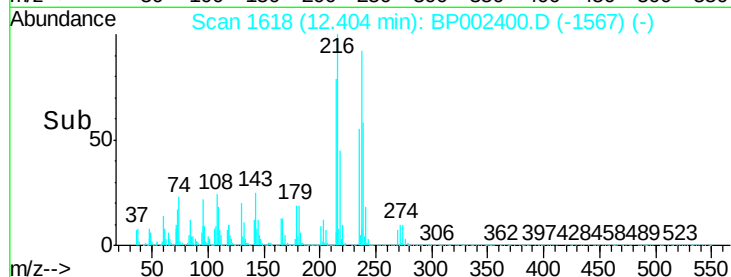
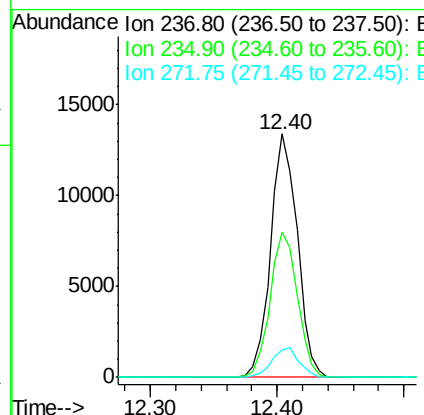
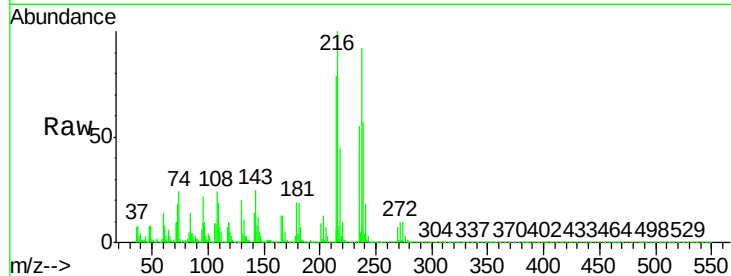
#41
Hexachlorocyclopentadiene
Concen: 3.772 ng
RT: 12.40 min Scan# 1618
Delta R.T. 0.00 min
Lab File: BP002400.D
Acq: 12 Jun 2020 16:14

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

Tot Ion	Ratio	Resp	Lower	Upper
237	100			
235	59.4	42.0	82.0	
272	11.2	0.0	32.5	

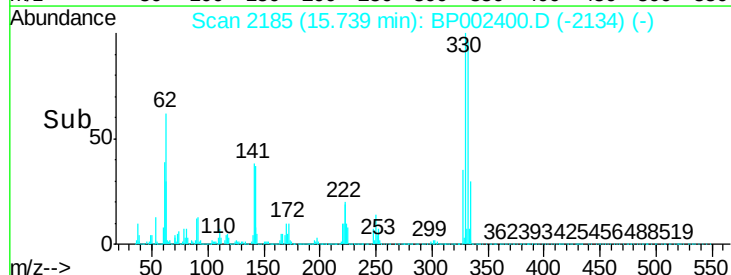
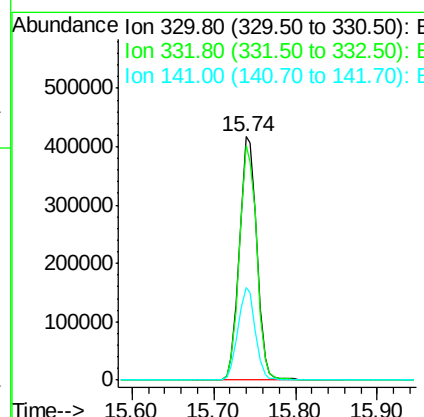
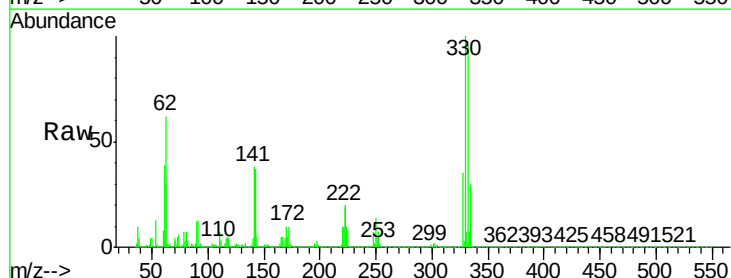
Manual Integrations
APPROVED

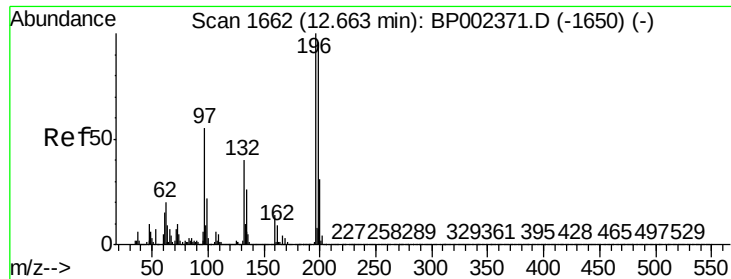
mohammad
6/15/2020 8:47:06 AM



#42
2,4,6-Tribromophenol
Concen: 174.556 ng
RT: 15.74 min Scan# 2185
Delta R.T. 0.00 min
Lab File: BP002400.D
Acq: 12 Jun 2020 16:14

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.0	76.6	115.0	
141	37.7	30.3	45.5	





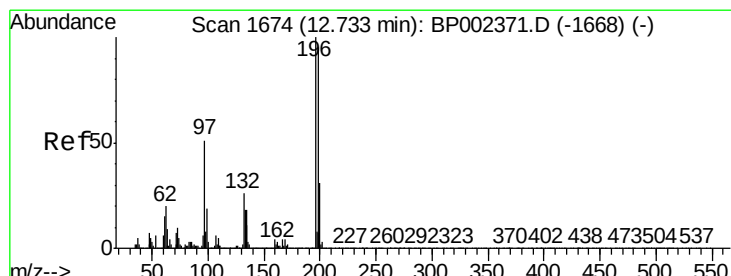
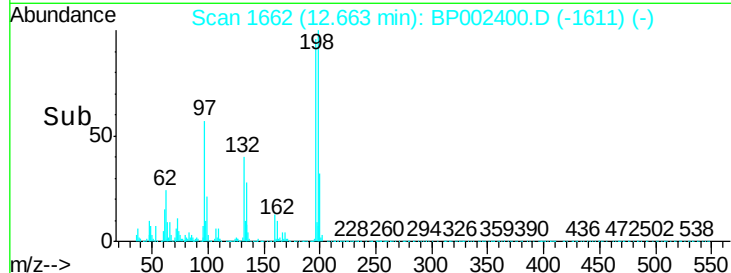
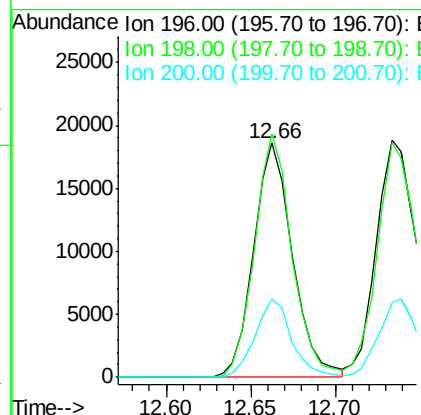
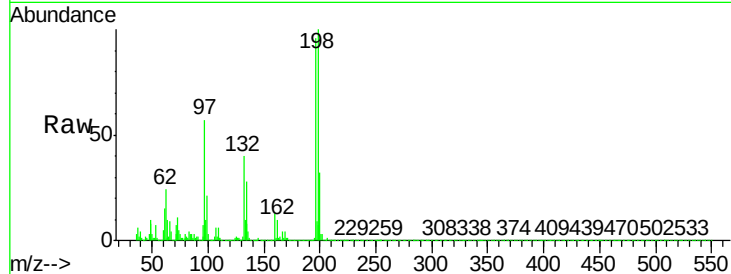
#43
 2,4,6-Trichlorophenol
 Concen: 4.298 ng
 RT: 12.66 min Scan# 1662
 Delta R.T. 0.00 min
 Lab File: BP002400.D
 Acq: 12 Jun 2020 16:14

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

Tot Ion	Ratio	Resp	Lower	Upper
196	100	29836		
198	104.0	76.6	115.0	
200	33.3	24.7	37.1	

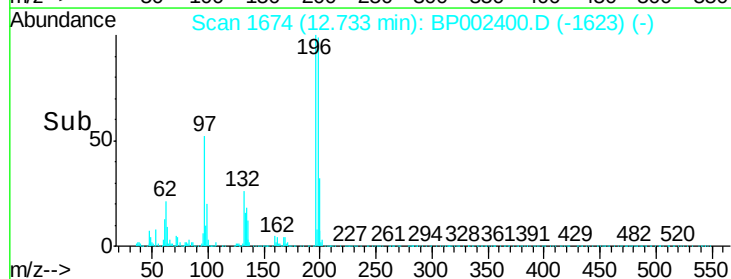
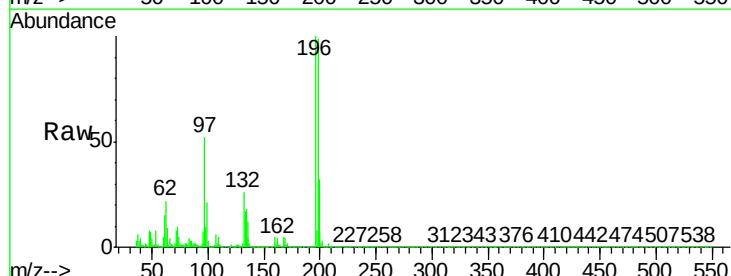
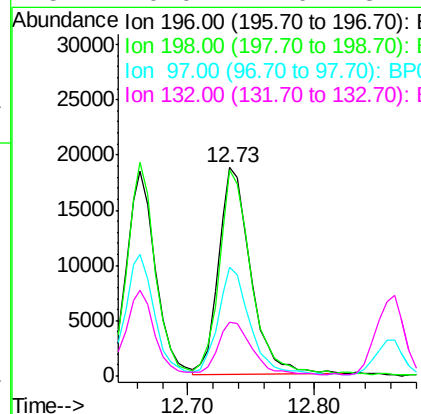
Manual Integrations
 APPROVED

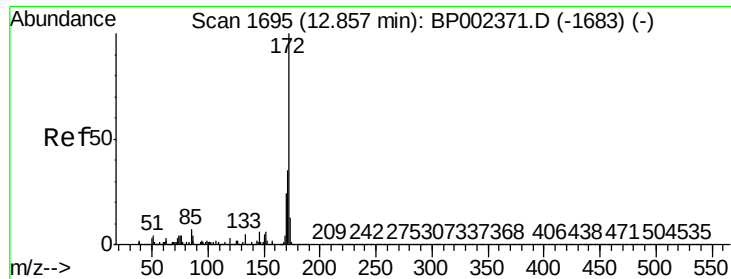
mohammad
 6/15/2020 8:47:06 AM



#44
 2,4,5-Trichlorophenol
 Concen: 4.120 ng
 RT: 12.73 min Scan# 1674
 Delta R.T. 0.00 min
 Lab File: BP002400.D
 Acq: 12 Jun 2020 16:14

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	33123		
198	98.9	76.2	114.2	
97	52.4	40.6	61.0	
132	26.0	21.0	31.4	





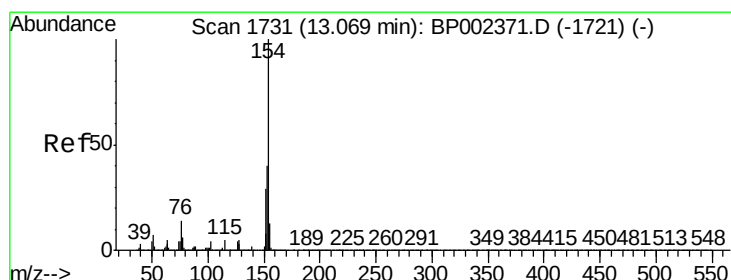
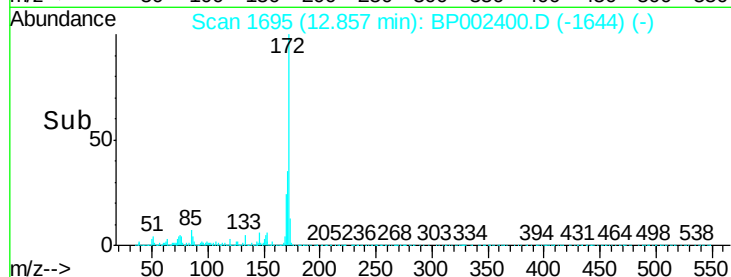
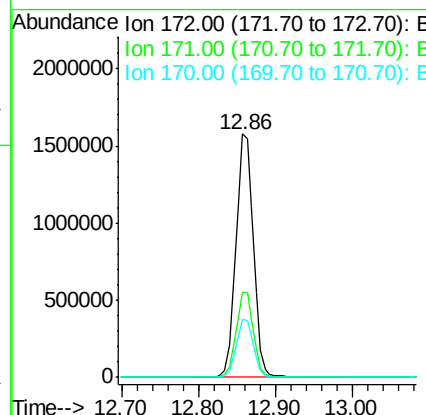
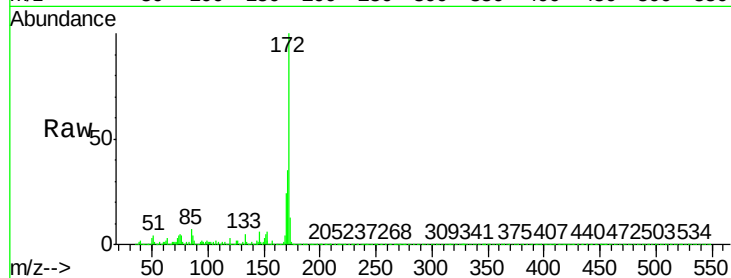
#45
2-Fluorobiphenyl
Concen: 112.936 ng
RT: 12.86 min Scan# 1695
Delta R.T. 0.00 min
Lab File: BP002400.D
Acq: 12 Jun 2020 16:14

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

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.1	27.8	41.8
170	23.9	19.0	28.6

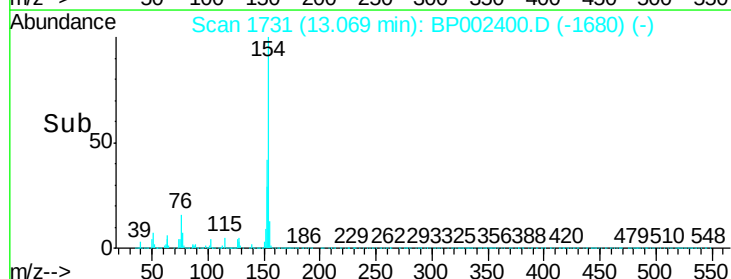
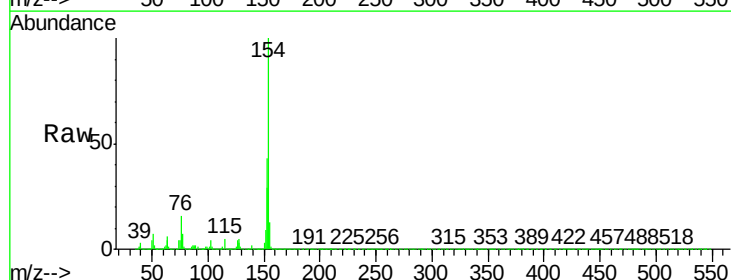
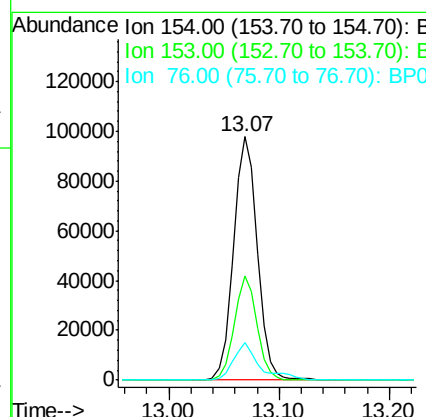
Manual Integrations
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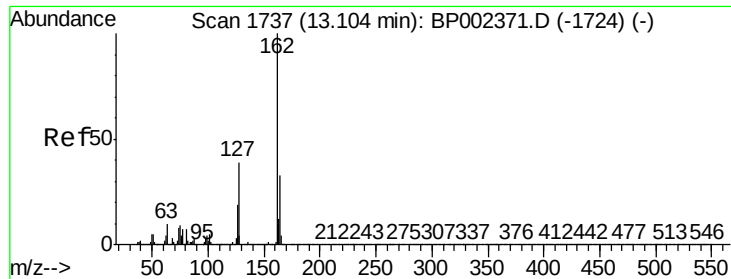
mohammad
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#46
1,1'-Biphenyl
Concen: 6.066 ng
RT: 13.07 min Scan# 1731
Delta R.T. 0.00 min
Lab File: BP002400.D
Acq: 12 Jun 2020 16:14

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.5	20.2	60.2
76	15.5	0.0	34.2





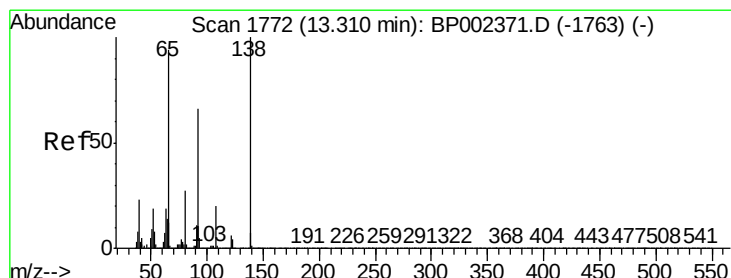
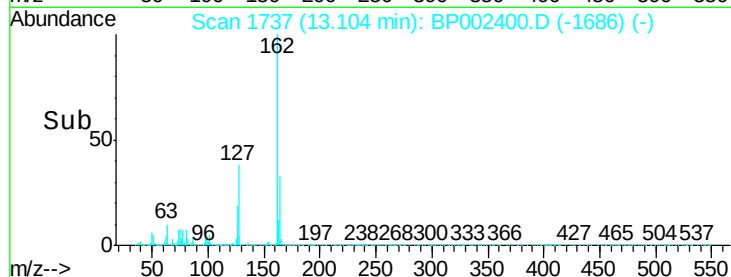
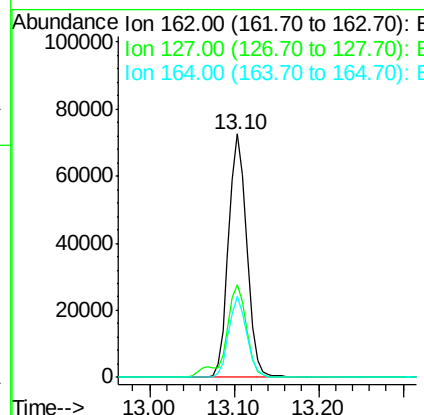
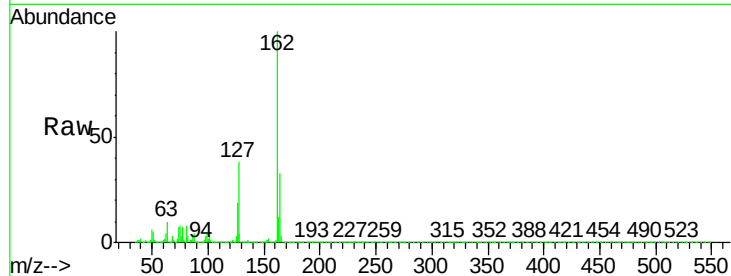
#47
2-Chloronaphthalene
Concen: 5.457 ng
RT: 13.10 min Scan# 1737
Delta R.T. 0.00 min
Lab File: BP002400.D
Acq: 12 Jun 2020 16:14

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

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.1	31.0	46.4
164	33.5	26.6	40.0

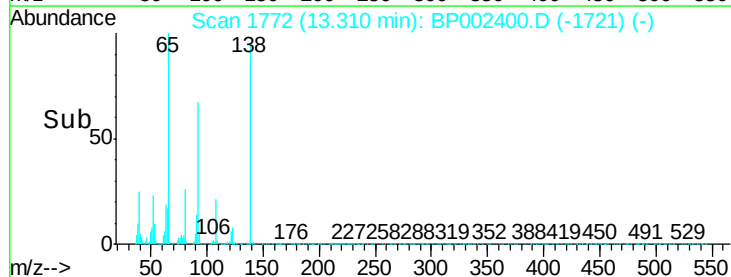
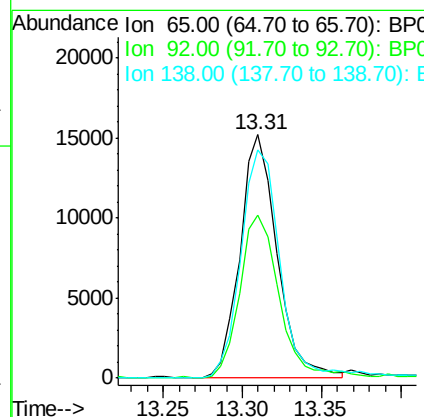
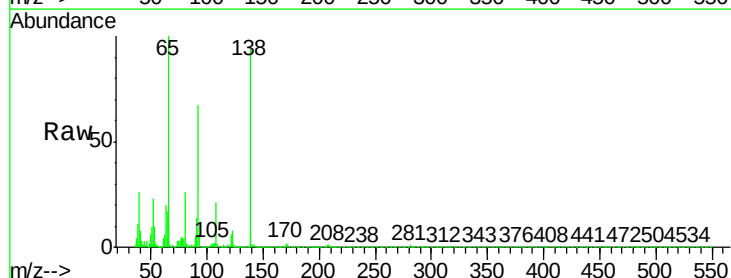
Manual Integrations
APPROVED

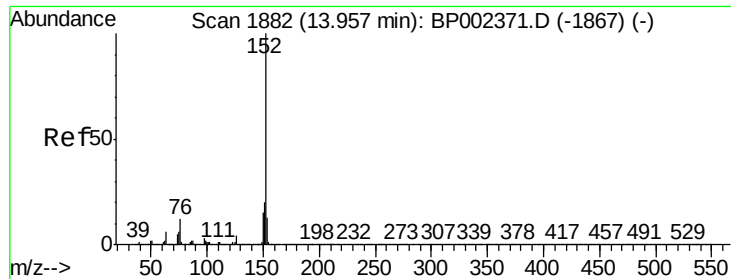
mohammad
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#48
2-Nitroaniline
Concen: 3.881 ng
RT: 13.31 min Scan# 1772
Delta R.T. 0.00 min
Lab File: BP002400.D
Acq: 12 Jun 2020 16:14

Tgt Ion	Ratio	Lower	Upper
65	100		
92	66.9	56.3	84.5
138	93.6	85.0	127.6





#49

Acenaphthylene

Concen: 5.423 ng

RT: 13.96 min Scan# 1882

Delta R.T. 0.00 min

Lab File: BP002400.D

Acq: 12 Jun 2020 16:14

Instrument :

BNA_P

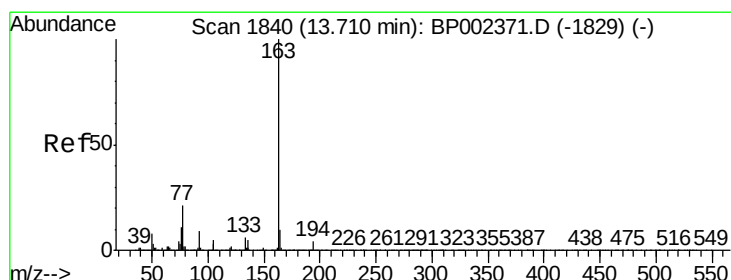
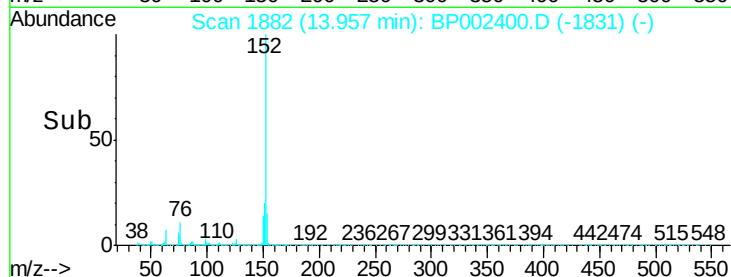
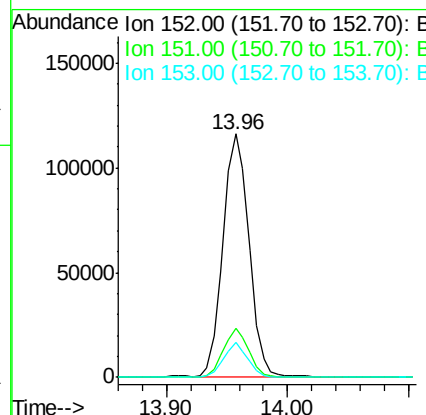
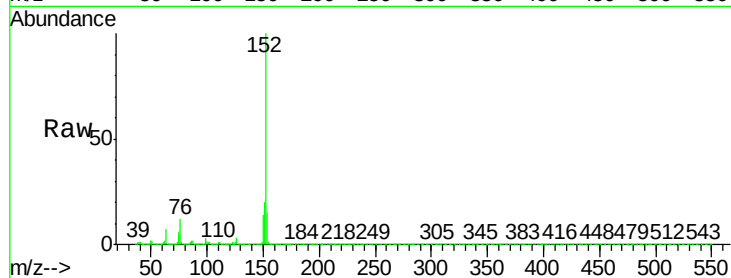
ClientSampleId :

LOD-MDL-SOIL-01-QT2-2020

Tot Ion:	152	Resp:	172683
Ion Ratio		Lower	Upper
152	100		
151	20.2	15.7	23.5
153	14.6	10.5	15.7

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#50

Dimethylphthalate

Concen: 5.175 ng

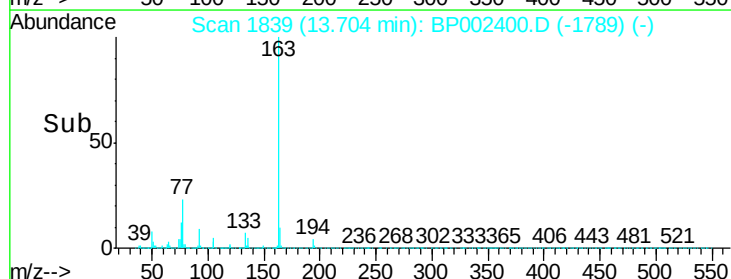
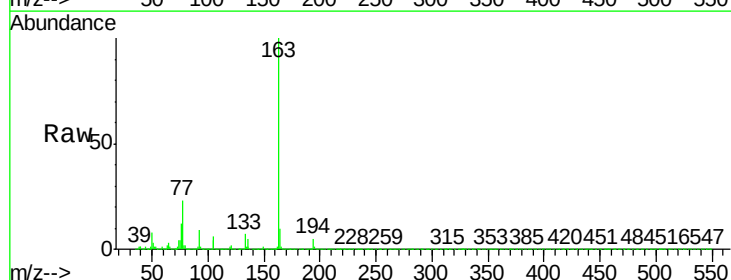
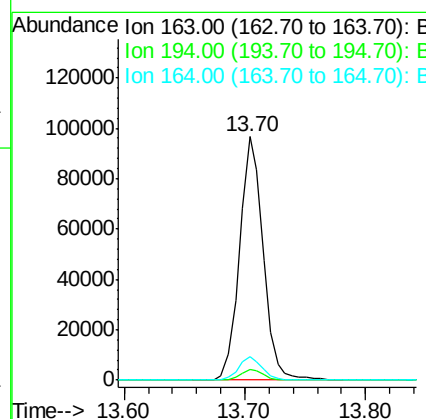
RT: 13.70 min Scan# 1839

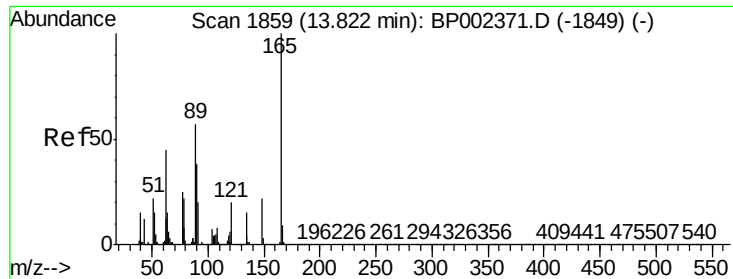
Delta R.T. -0.01 min

Lab File: BP002400.D

Acq: 12 Jun 2020 16:14

Tgt Ion:	163	Resp:	131941
Ion Ratio		Lower	Upper
163	100		
194	4.5	3.4	5.0
164	9.7	8.1	12.1





#51

2,6-Dinitrotoluene

Concen: 4.319 ng

RT: 13.82 min Scan# 1858

Delta R.T. -0.01 min

Lab File: BP002400.D

Acq: 12 Jun 2020 16:14

Instrument :

BNA_P

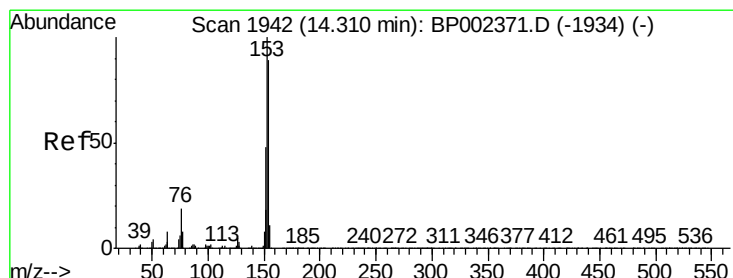
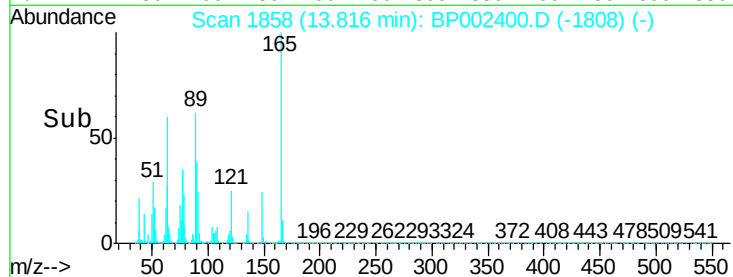
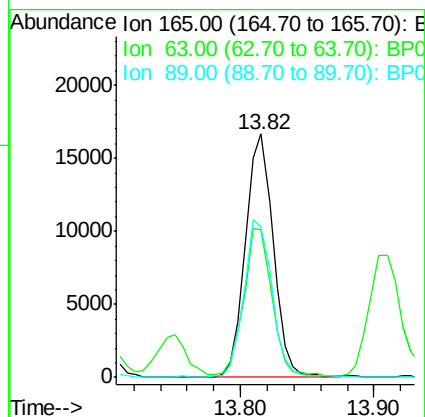
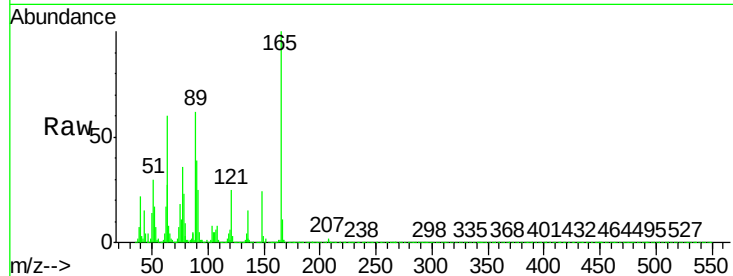
ClientSampleId :

LOD-MDL-SOIL-01-QT2-2020

Tot Ion:	165	Resp:	23915
Ion Ratio	Lower	Upper	
165	100		
63	60.4	43.1	64.7
89	61.8	45.3	67.9

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#52

Acenaphthene

Concen: 5.636 ng

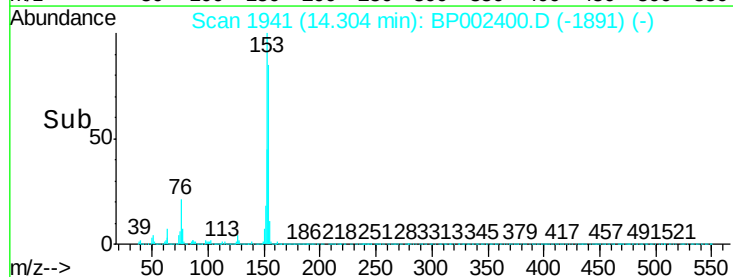
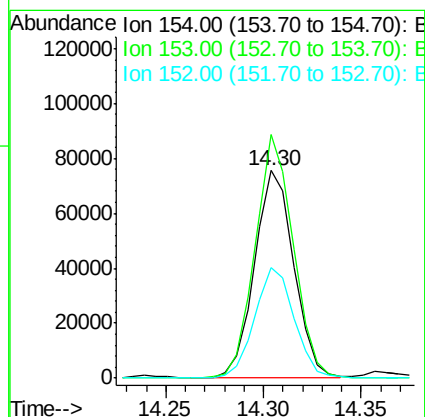
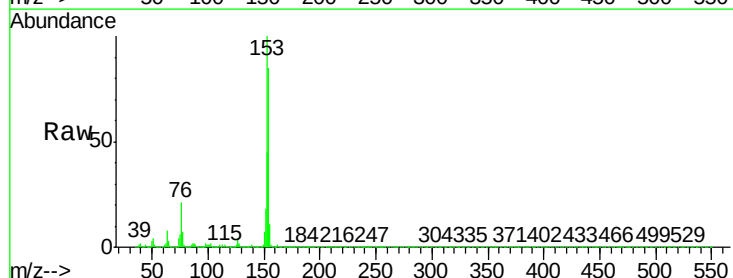
RT: 14.30 min Scan# 1941

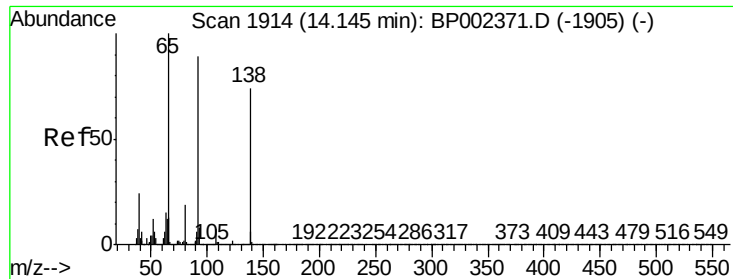
Delta R.T. -0.01 min

Lab File: BP002400.D

Acq: 12 Jun 2020 16:14

Tgt Ion:	154	Resp:	105132
Ion Ratio	Lower	Upper	
154	100		
153	117.4	89.5	134.3
152	53.3	43.3	64.9





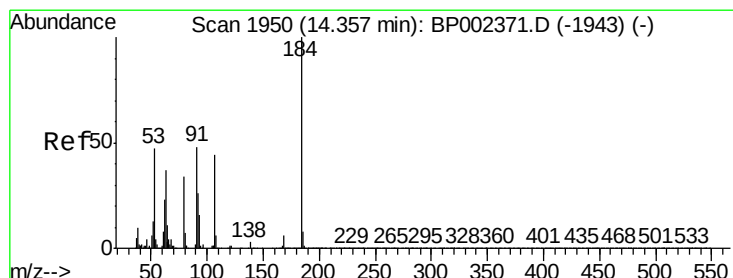
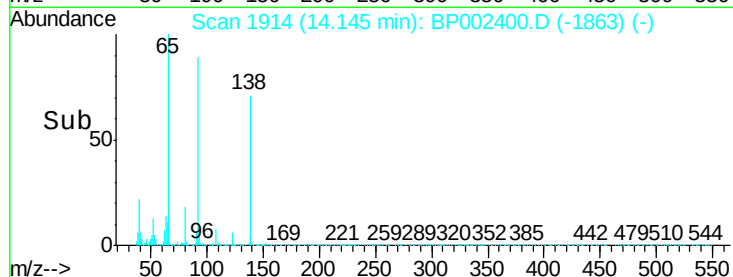
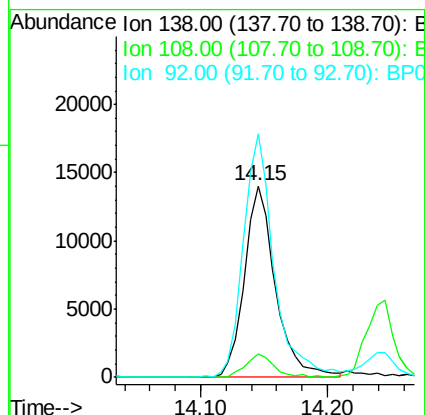
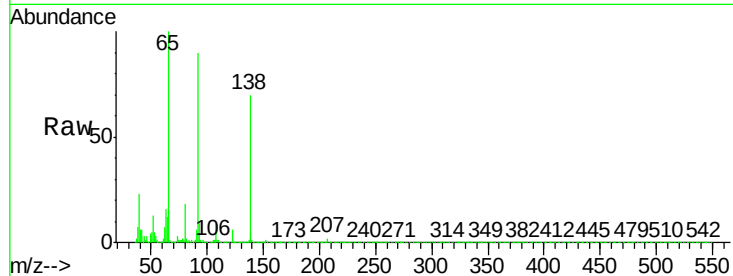
#53
3-Nitroaniline
Concen: 3.764 ng
RT: 14.15 min Scan# 1914
Delta R.T. 0.00 min
Lab File: BP002400.D
Acq: 12 Jun 2020 16:14

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

Tot Ion	Ratio	Lower	Upper
138	100		
108	12.6	8.0	12.0#
92	127.0	96.2	144.2

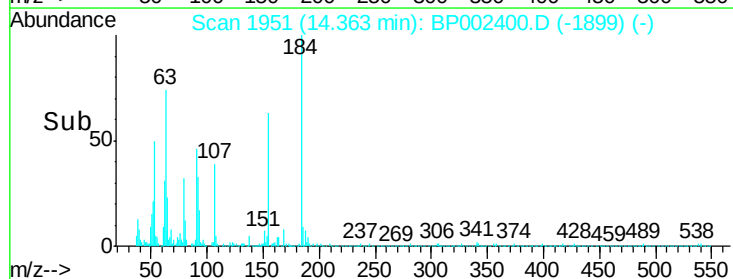
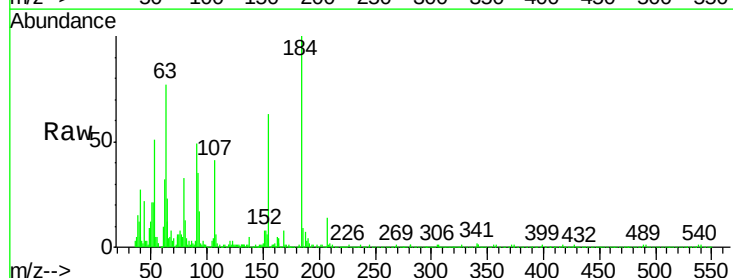
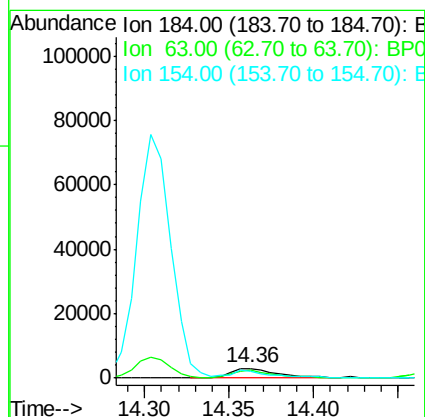
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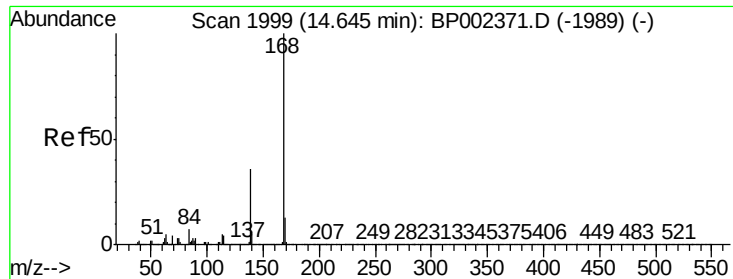
mohammad
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#54
2,4-Dinitrophenol
Concen: 1.846 ng
RT: 14.36 min Scan# 1951
Delta R.T. 0.01 min
Lab File: BP002400.D
Acq: 12 Jun 2020 16:14

Tgt Ion	Ratio	Lower	Upper
184	100		
63	76.5	52.3	78.5
154	63.1	48.6	72.8





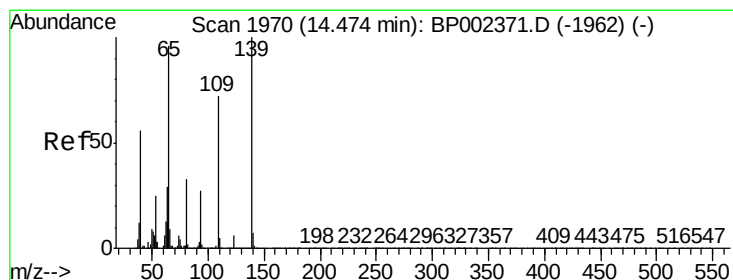
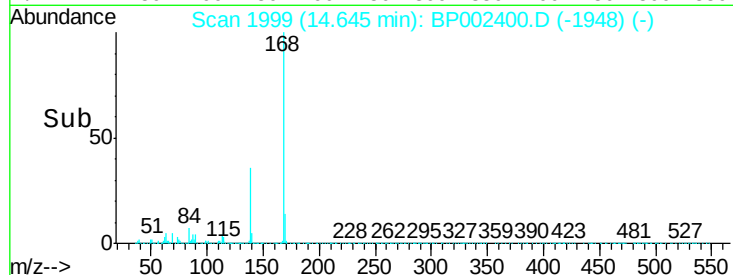
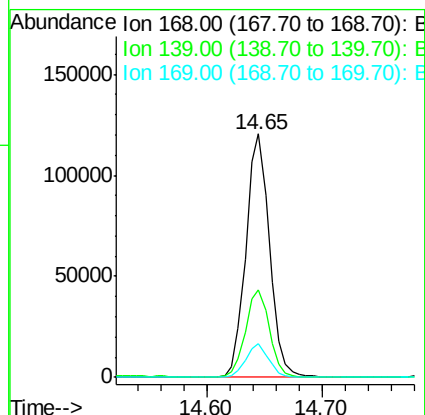
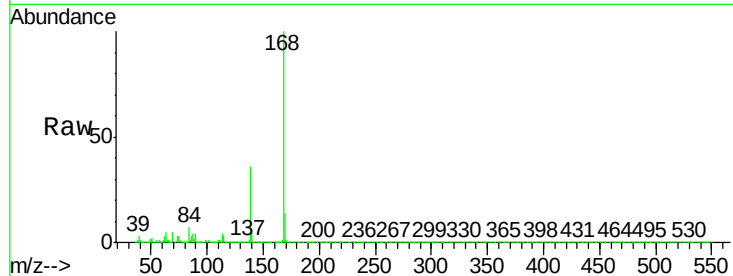
#55
Dibenzofuran
Concen: 5.695 ng
RT: 14.65 min Scan# 1999
Delta R.T. 0.00 min
Lab File: BP002400.D
Acq: 12 Jun 2020 16:14

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

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.2	28.9	43.3
169	14.0	10.6	15.8

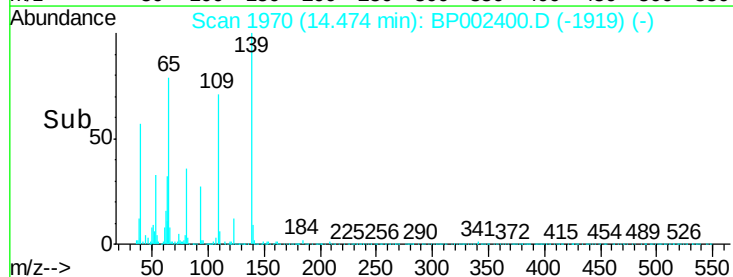
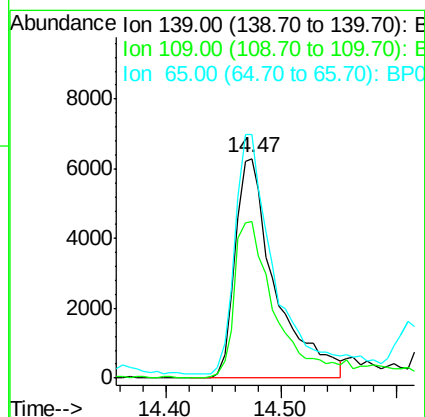
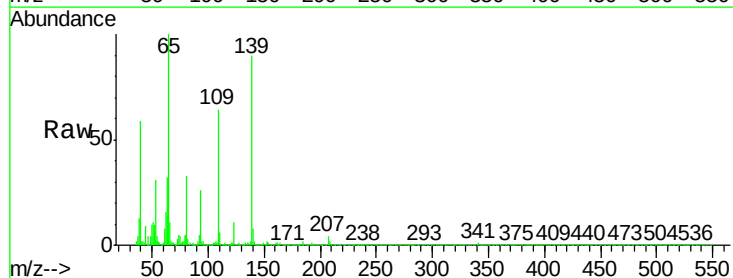
Manual Integrations
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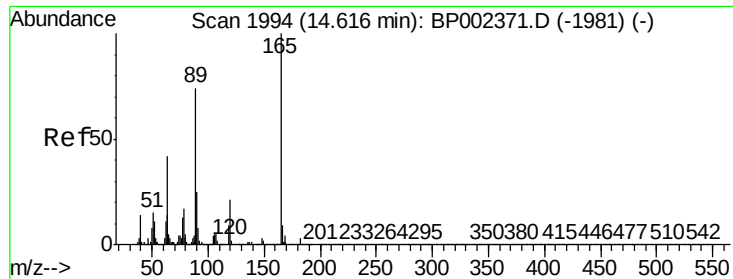
mohammad
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#56
4-Nitrophenol
Concen: 3.004 ng
RT: 14.47 min Scan# 1970
Delta R.T. 0.00 min
Lab File: BP002400.D
Acq: 12 Jun 2020 16:14

Tgt Ion	Ratio	Lower	Upper
139	100		
109	71.0	52.0	92.0
65	110.7	76.3	116.3





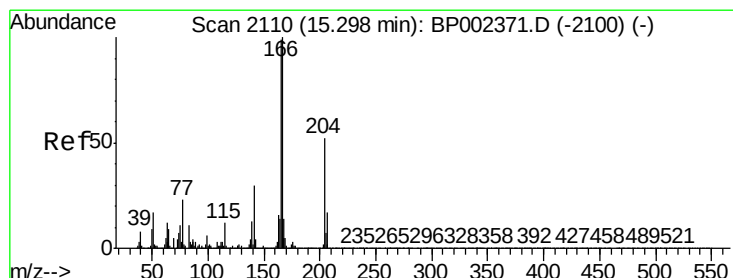
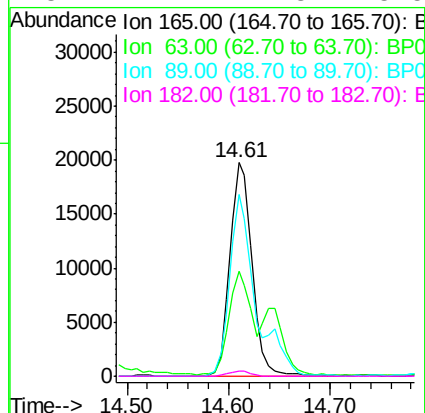
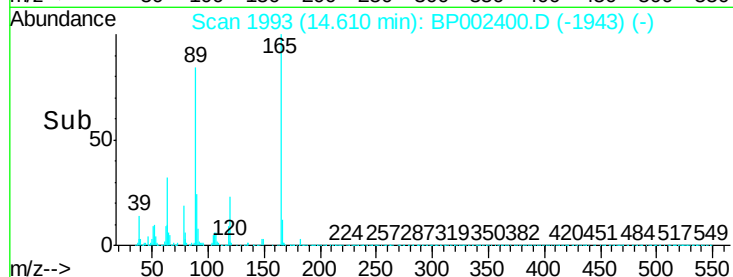
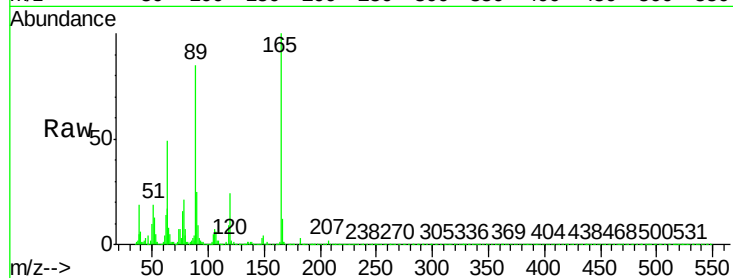
#57
2,4-Dinitrotoluene
Concen: 3.977 ng
RT: 14.61 min Scan# 1993
Delta R.T. -0.01 min
Lab File: BP002400.D
Acq: 12 Jun 2020 16:14

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

Tot Ion	Ratio	Lower	Upper
165	100		
63	49.1	34.2	51.2
89	85.3	59.3	88.9
182	2.7	2.3	3.5

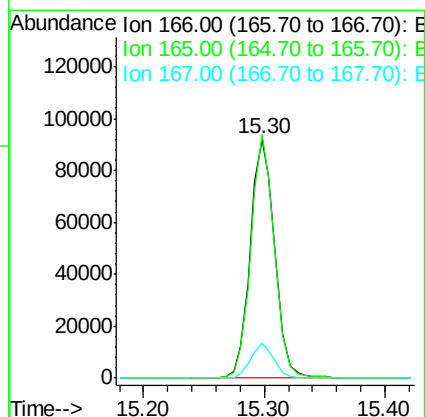
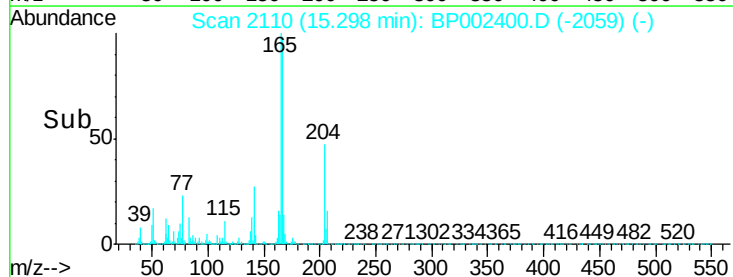
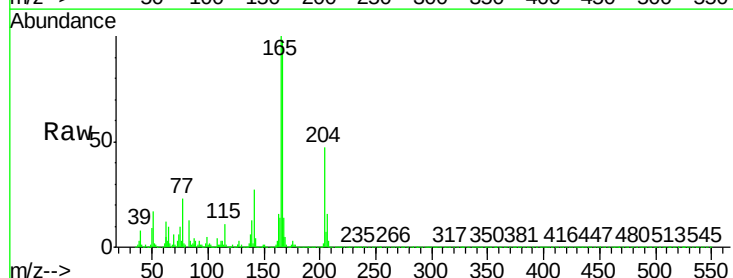
Manual Integrations
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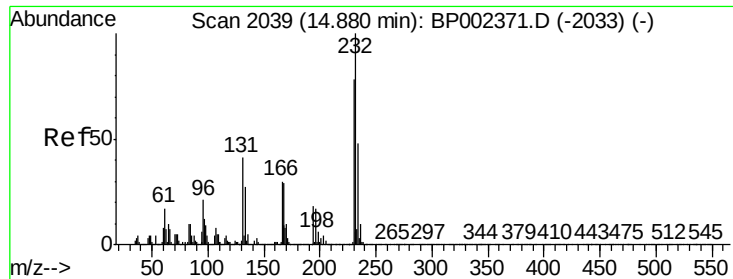
mohammad
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#58
Fluorene
Concen: 5.481 ng
RT: 15.30 min Scan# 2110
Delta R.T. 0.00 min
Lab File: BP002400.D
Acq: 12 Jun 2020 16:14

Tgt Ion	Ratio	Lower	Upper
166	100		
165	101.9	79.1	118.7
167	14.4	11.0	16.4





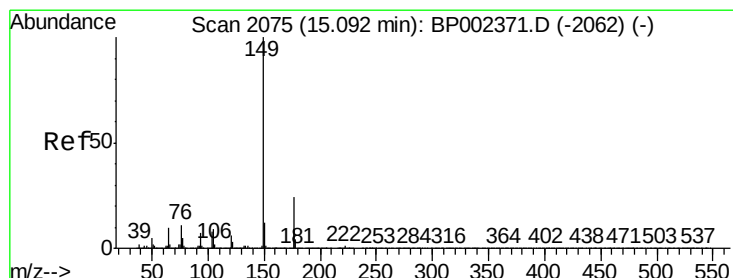
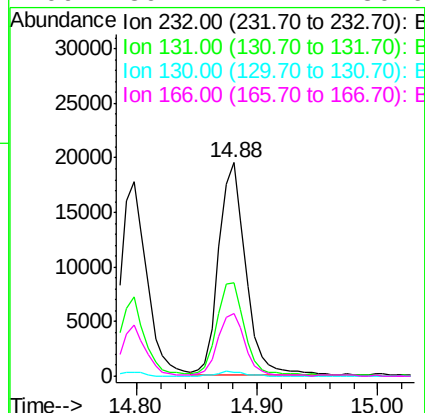
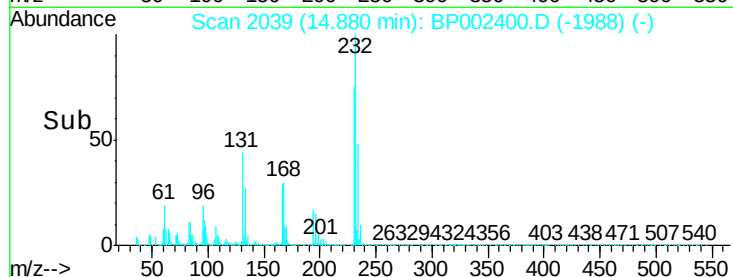
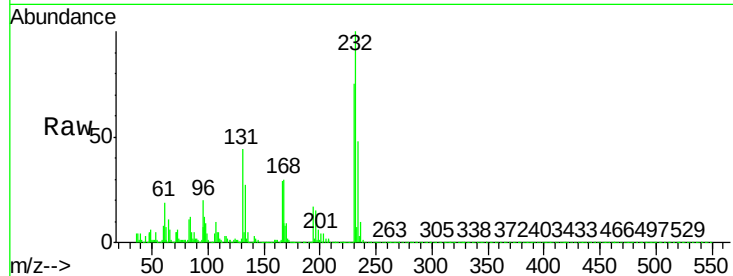
#59
2,3,4,6-Tetrachlorophenol
Concen: 4.721 ng
RT: 14.88 min Scan# 2039
Delta R.T. 0.00 min
Lab File: BP002400.D
Acq: 12 Jun 2020 16:14

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

Tot Ion	Ratio	Lower	Upper
232	100		
131	44.6	35.1	52.7
130	2.2	1.8	2.8
166	30.2	24.4	36.6

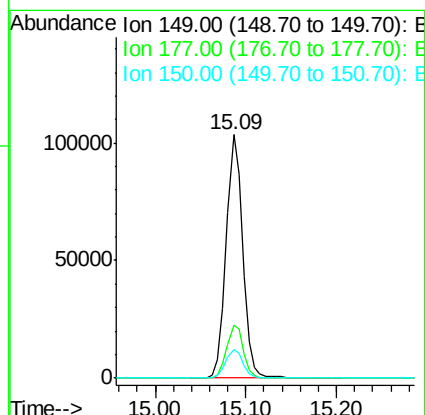
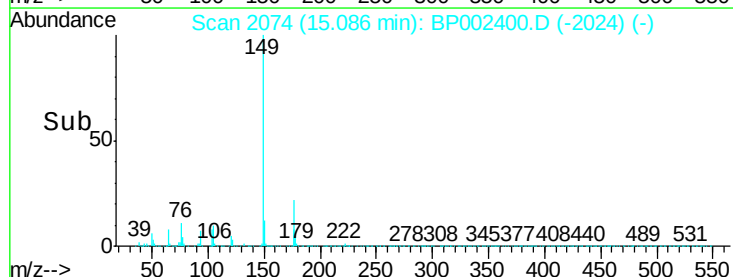
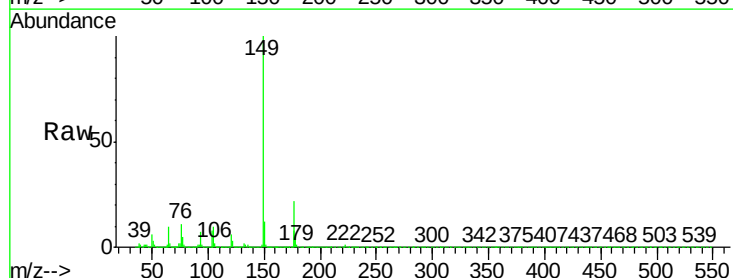
Manual Integrations
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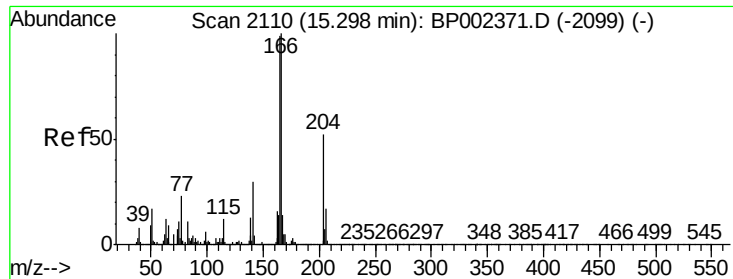
mohammad
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#60
Diethylphthalate
Concen: 5.087 ng
RT: 15.09 min Scan# 2074
Delta R.T. -0.01 min
Lab File: BP002400.D
Acq: 12 Jun 2020 16:14

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.8	18.9	28.3
150	12.0	9.9	14.9





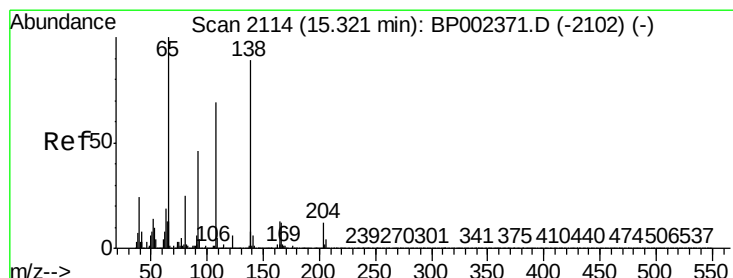
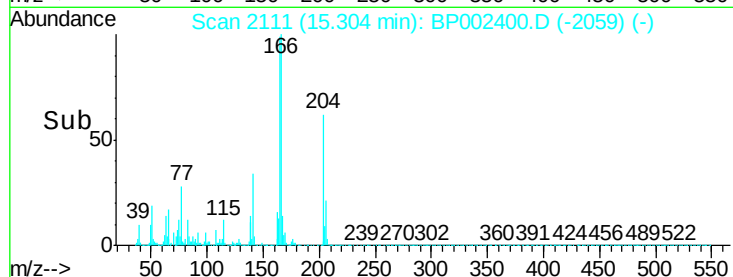
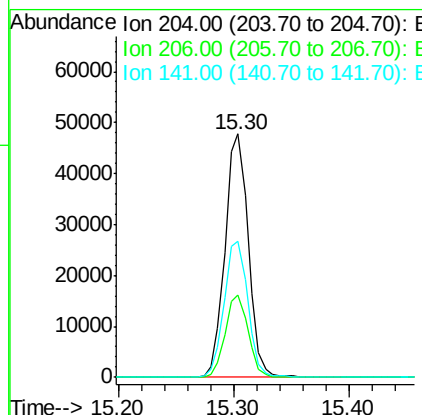
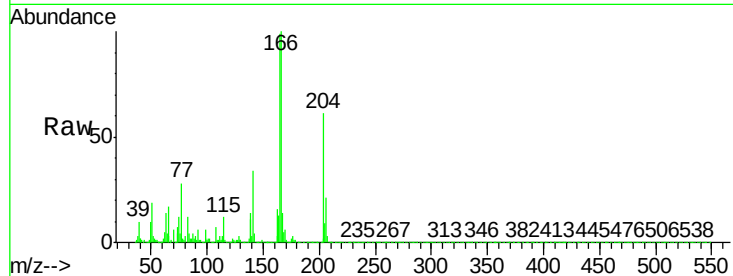
#61
4-Chlorophenyl-phenylether
Concen: 5.839 ng
RT: 15.30 min Scan# 2111
Delta R.T. 0.01 min
Lab File: BP002400.D
Acq: 12 Jun 2020 16:14

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

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.7	26.8	40.2
141	55.7	46.6	69.8

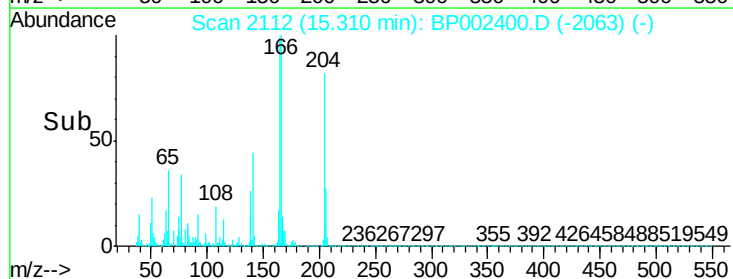
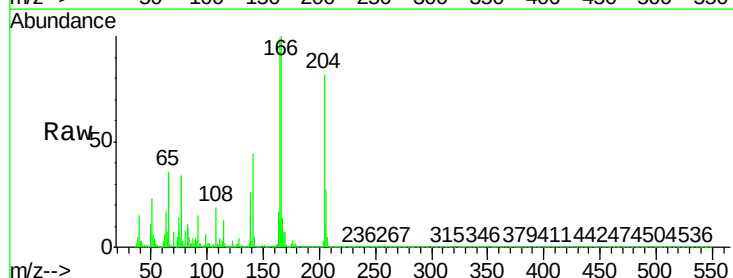
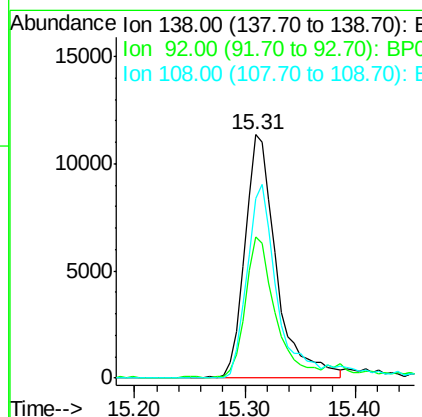
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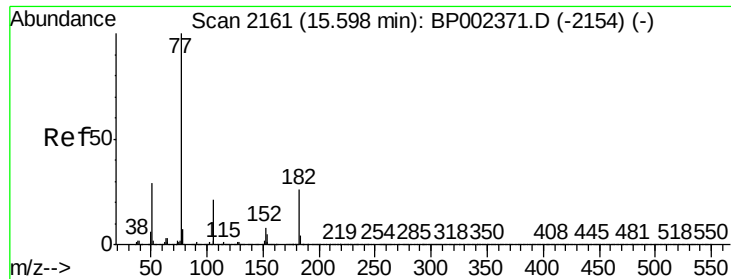
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#62
4-Nitroaniline
Concen: 3.750 ng
RT: 15.31 min Scan# 2112
Delta R.T. -0.01 min
Lab File: BP002400.D
Acq: 12 Jun 2020 16:14

Tgt Ion	Ratio	Lower	Upper
138	100		
92	57.8	31.7	71.7
108	73.6	57.5	97.5





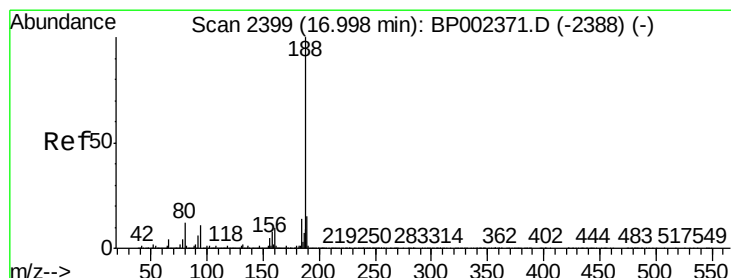
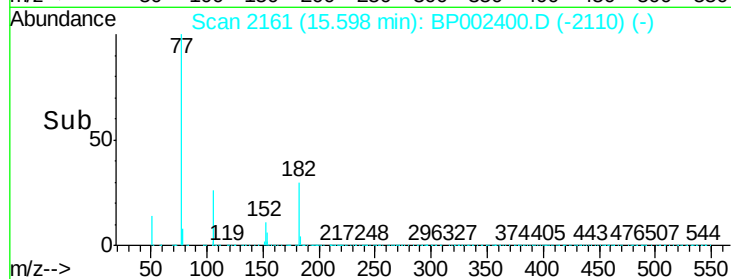
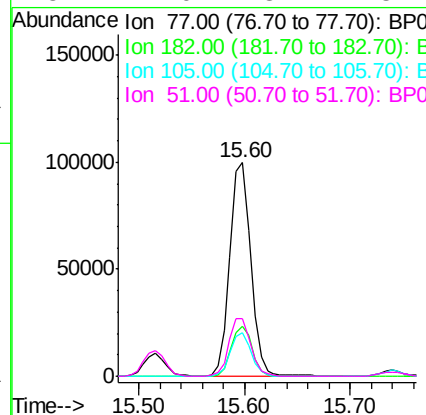
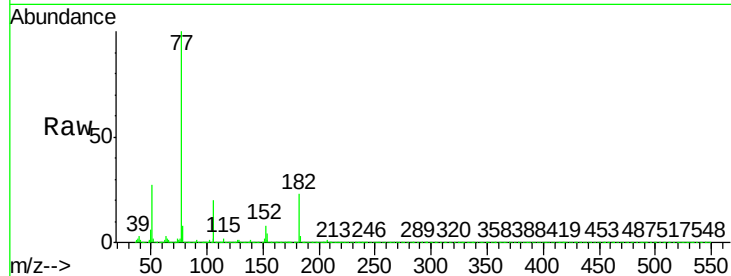
#63
Azobenzene
Concen: 5.416 ng
RT: 15.60 min Scan# 2161
Delta R.T. 0.00 min
Lab File: BP002400.D
Acq: 12 Jun 2020 16:14

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

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		137739		
182	23.5	6.0	46.0		
105	20.5	1.3	41.3		
51	27.0	8.7	48.7		

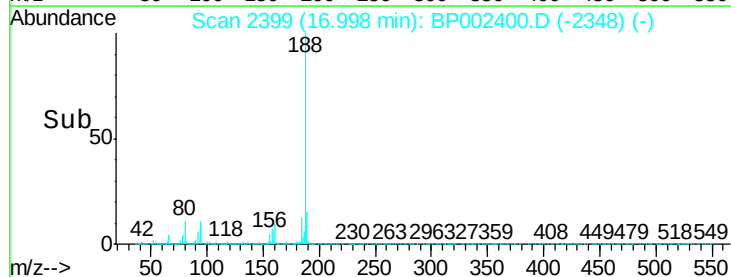
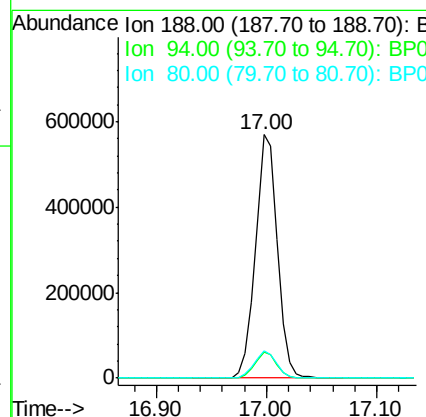
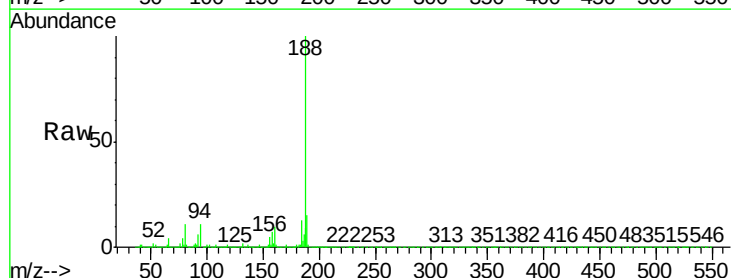
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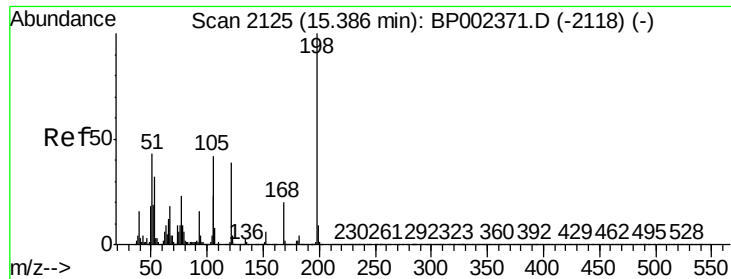
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.00 min Scan# 2399
Delta R.T. 0.00 min
Lab File: BP002400.D
Acq: 12 Jun 2020 16:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		793656		
94	10.9	8.5	12.7		
80	11.3	9.4	14.0		





#65

4,6-Dinitro-2-methylphenol

Concen: 3.162 ng

RT: 15.38 min Scan# 2124

Delta R.T. -0.01 min

Lab File: BP002400.D

Acq: 12 Jun 2020 16:14

Instrument :

BNA_P

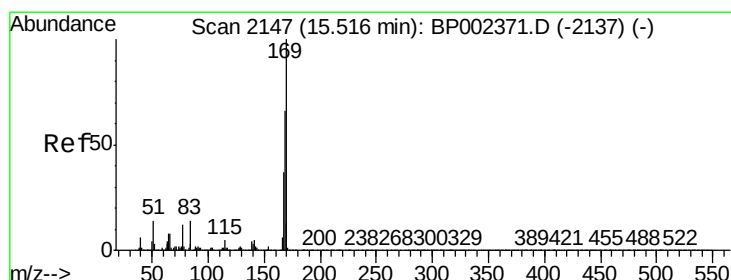
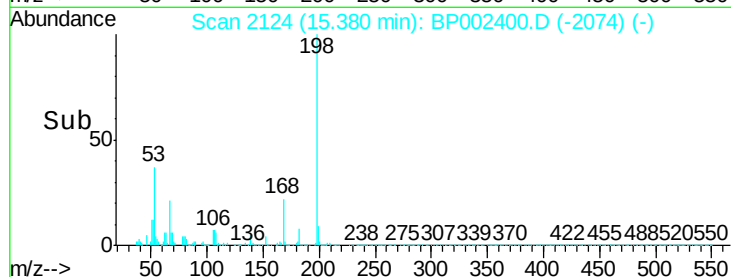
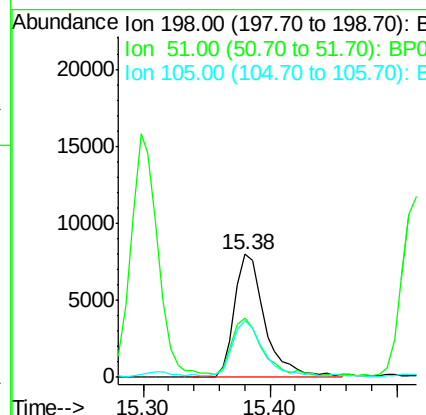
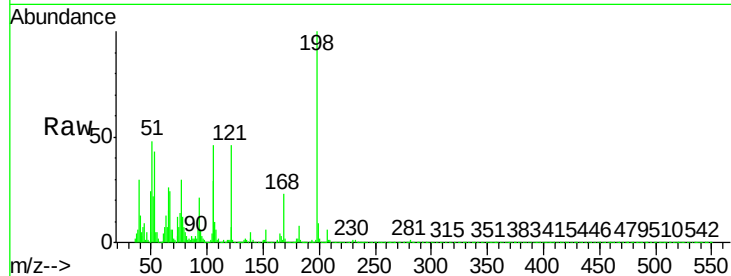
ClientSampleId :

LOD-MDL-SOIL-01-QT2-2020

Tot Ion:	198	Resp:	13243
Ion Ratio	Lower	Upper	
198	100		
51	48.3	23.4	63.4
105	46.5	22.5	62.5

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#66

n-Nitrosodiphenylamine

Concen: 5.665 ng

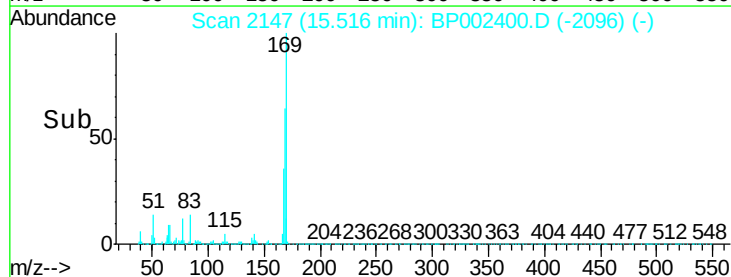
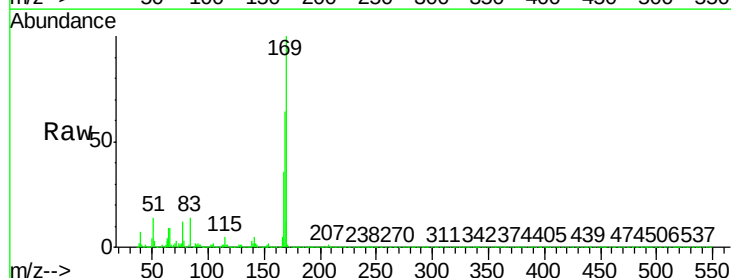
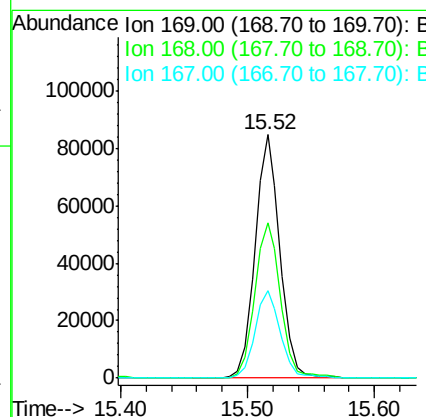
RT: 15.52 min Scan# 2147

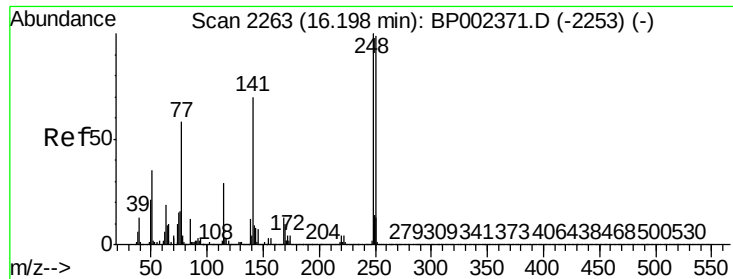
Delta R.T. 0.00 min

Lab File: BP002400.D

Acq: 12 Jun 2020 16:14

Tgt Ion:	169	Resp:	114855
Ion Ratio	Lower	Upper	
169	100		
168	63.6	52.8	79.2
167	36.1	29.4	44.0





#67

4-Bromophenyl-phenylether

Concen: 5.056 ng

RT: 16.20 min Scan# 2263

Delta R.T. 0.00 min

Lab File: BP002400.D

Acq: 12 Jun 2020 16:14

Instrument :

BNA_P

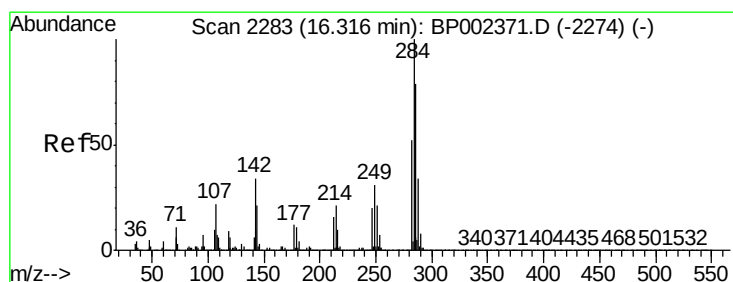
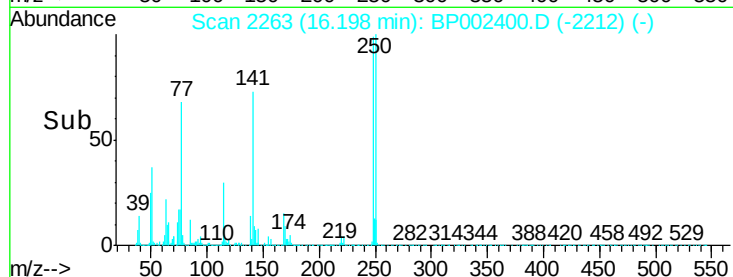
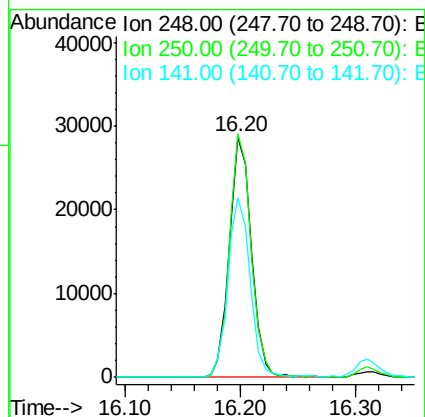
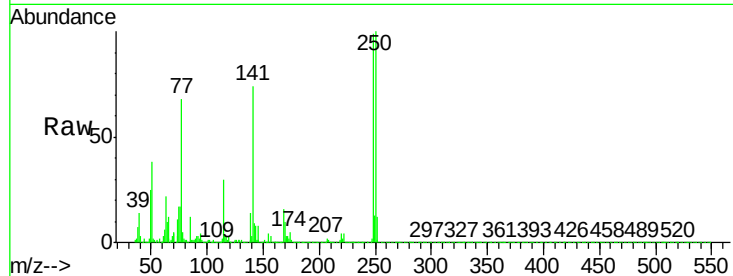
ClientSampleId :

LOD-MDL-SOIL-01-QT2-2020

Tot Ion:	248	Resp:	38012
Ion Ratio	Lower	Upper	
248	100		
250	101.3	79.3	118.9
141	74.7	55.7	83.5

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#68

Hexachlorobenzene

Concen: 5.472 ng

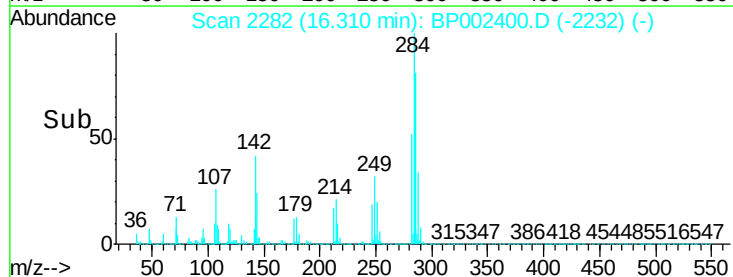
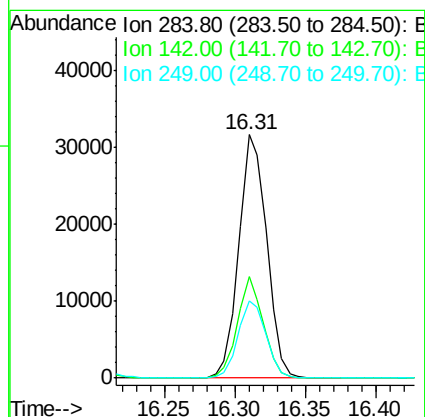
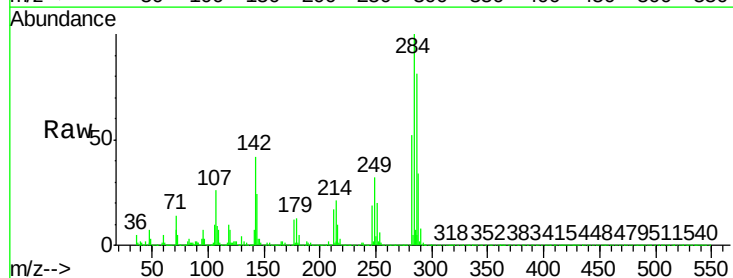
RT: 16.31 min Scan# 2282

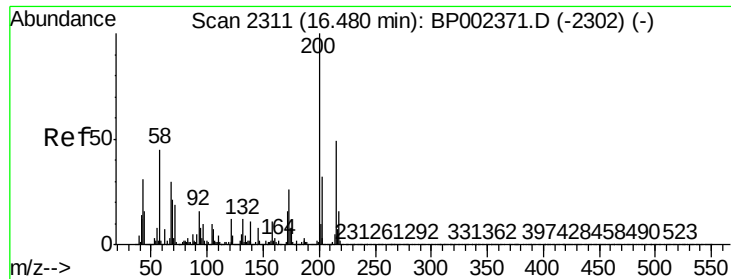
Delta R.T. -0.01 min

Lab File: BP002400.D

Acq: 12 Jun 2020 16:14

Tgt Ion:	284	Resp:	43657
Ion Ratio	Lower	Upper	
284	100		
142	41.9	27.4	41.0#
249	31.6	24.9	37.3





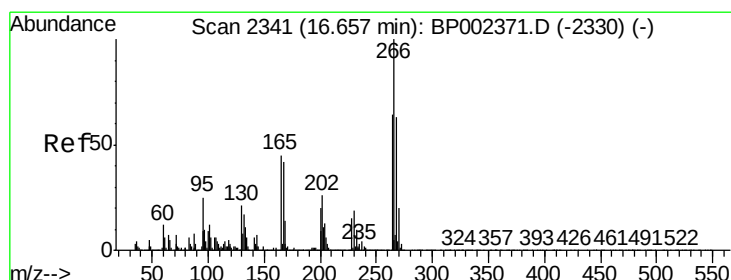
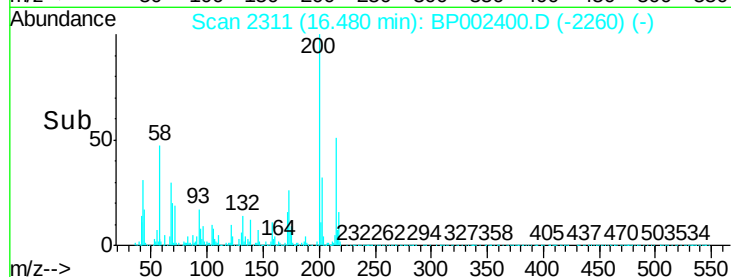
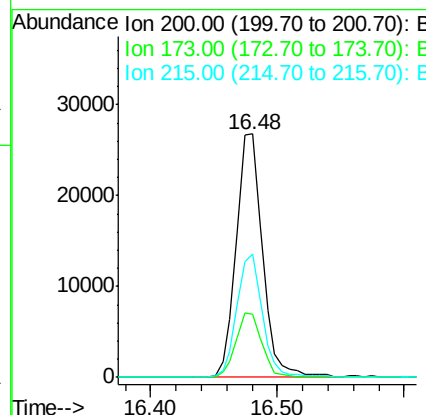
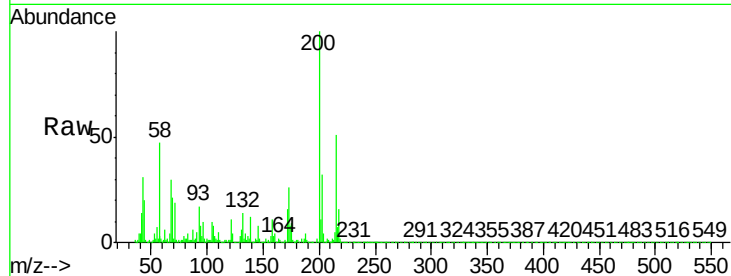
#69
Atrazine
Concen: 5.798 ng
RT: 16.48 min Scan# 2311
Delta R.T. 0.00 min
Lab File: BP002400.D
Acq: 12 Jun 2020 16:14

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

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.9	6.4	46.4
215	50.6	29.3	69.3

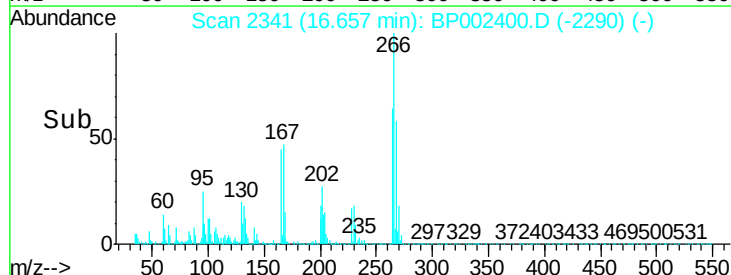
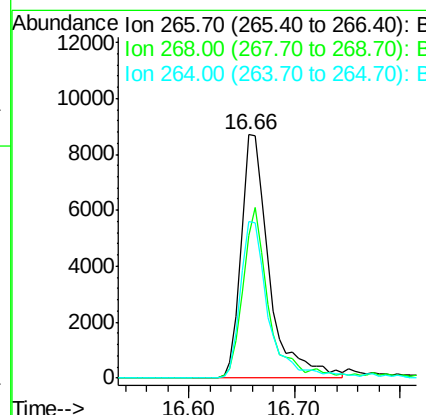
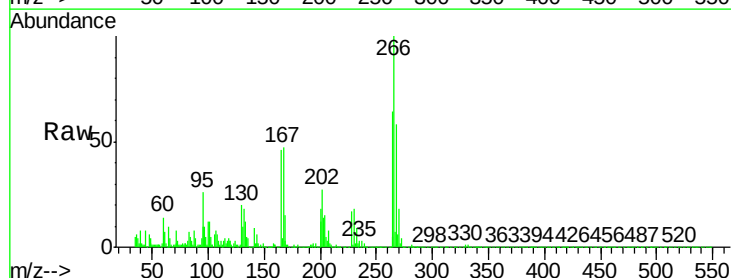
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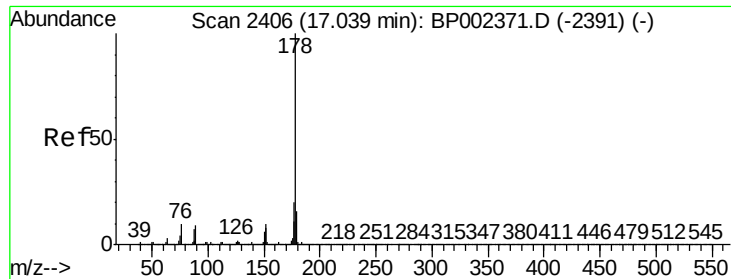
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#70
Pentachlorophenol
Concen: 3.348 ng
RT: 16.66 min Scan# 2341
Delta R.T. 0.00 min
Lab File: BP002400.D
Acq: 12 Jun 2020 16:14

Tgt Ion	Ratio	Lower	Upper
266	100		
268	58.4	50.5	75.7
264	64.2	51.4	77.0





#71

Phenanthrene

Concen: 5.959 ng

RT: 17.04 min Scan# 2406

Delta R.T. 0.00 min

Lab File: BP002400.D

Acq: 12 Jun 2020 16:14

Instrument :

BNA_P

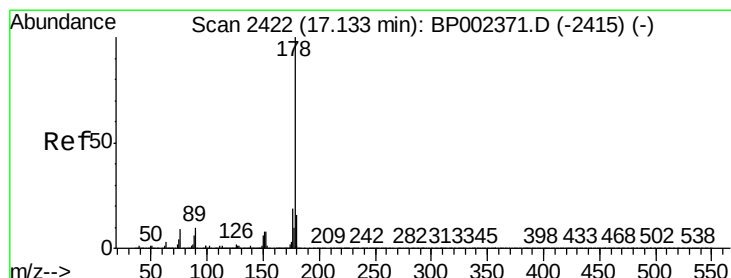
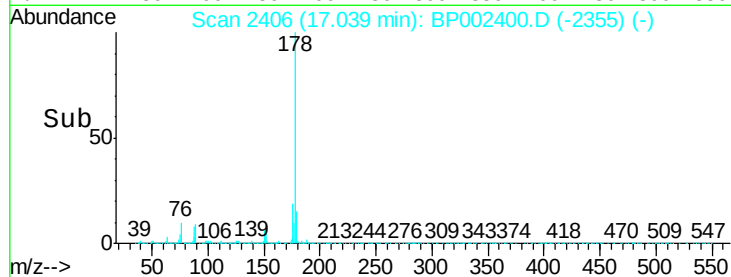
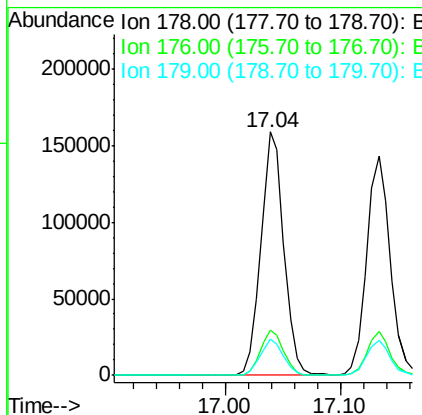
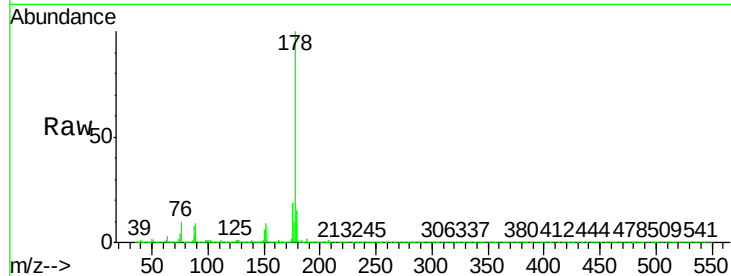
ClientSampleId :

LOD-MDL-SOIL-01-QT2-2020

Tot Ion:178	Resp:	221222
Ion Ratio	Lower	Upper
178	100	
176	18.5	15.8 23.6
179	15.1	12.5 18.7

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#72

Anthracene

Concen: 5.553 ng

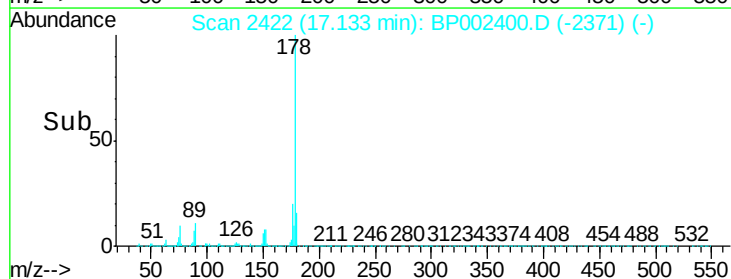
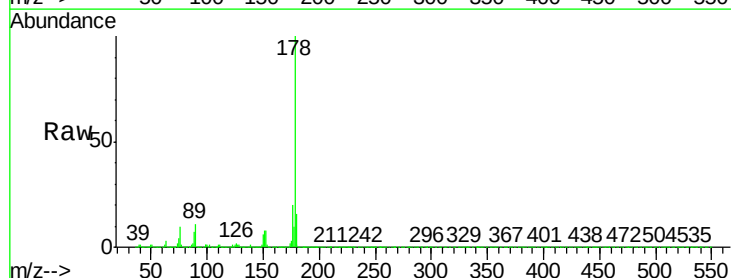
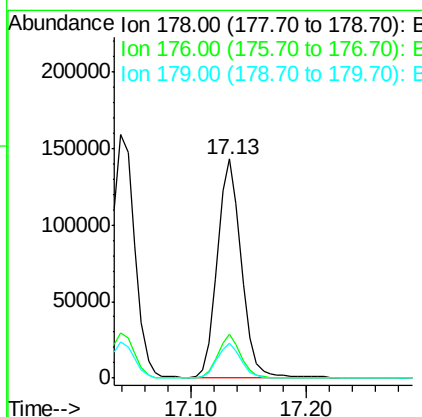
RT: 17.13 min Scan# 2422

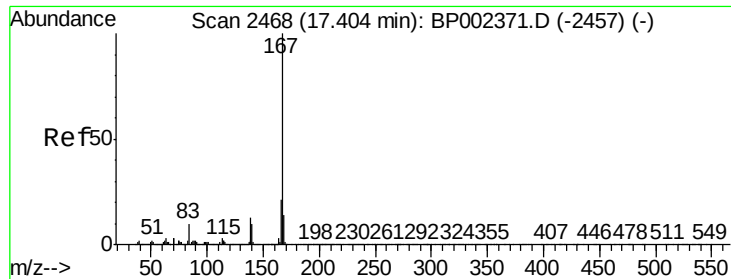
Delta R.T. 0.00 min

Lab File: BP002400.D

Acq: 12 Jun 2020 16:14

Tgt Ion:178	Resp:	204813
Ion Ratio	Lower	Upper
178	100	
176	20.0	15.5 23.3
179	15.7	13.0 19.4





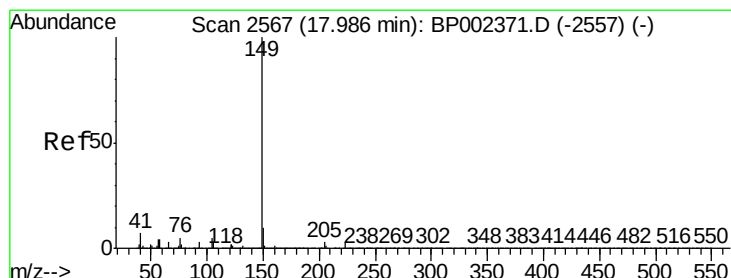
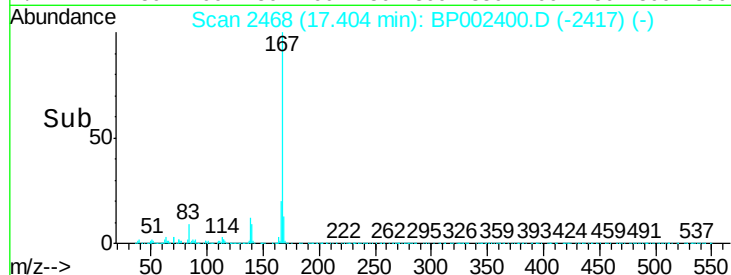
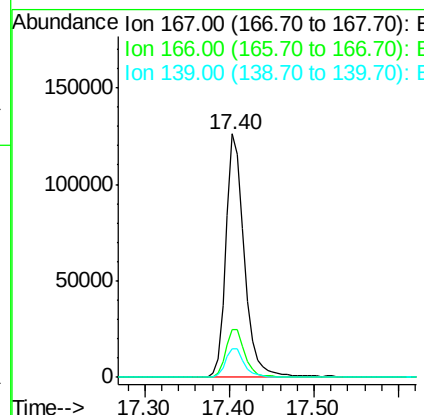
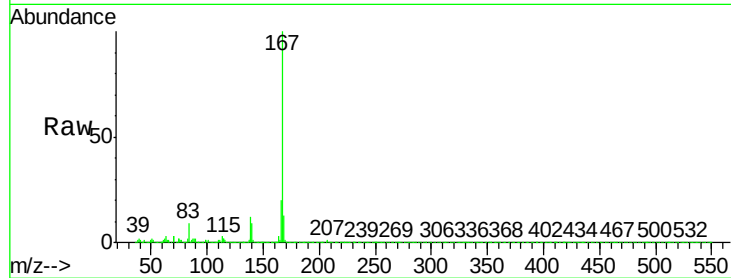
#73
 Carbazole
 Concen: 5.280 ng
 RT: 17.40 min Scan# 2468
 Delta R.T. 0.00 min
 Lab File: BP002400.D
 Acq: 12 Jun 2020 16:14

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

Tot Ion	Ratio	Lower	Upper
167	100		
166	19.7	17.1	25.7
139	11.6	10.3	15.5

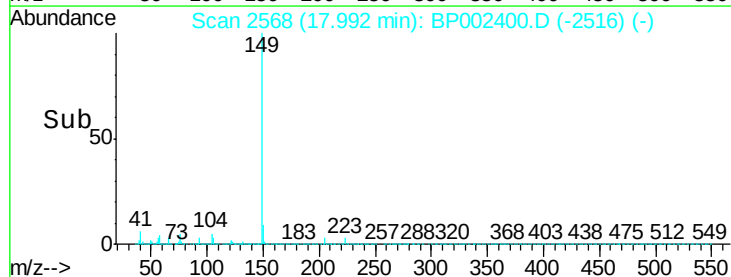
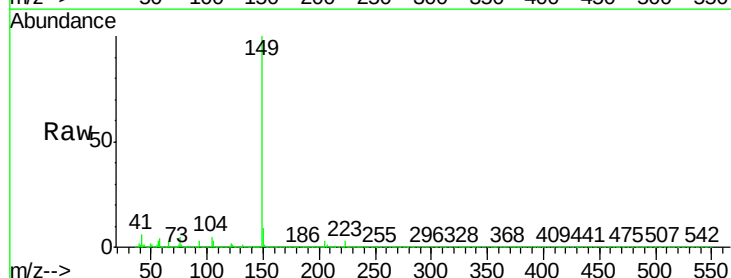
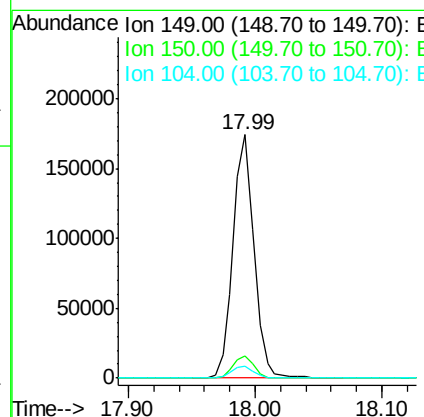
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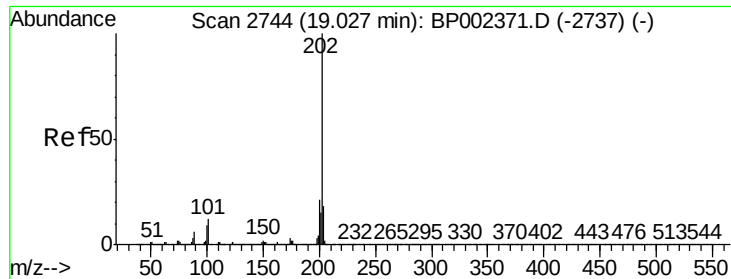
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#74
 Di-n-butylphthalate
 Concen: 4.611 ng
 RT: 17.99 min Scan# 2568
 Delta R.T. 0.01 min
 Lab File: BP002400.D
 Acq: 12 Jun 2020 16:14

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.7	11.5
104	4.7	4.3	6.5





#75

Fluoranthene

Concen: 5.514 ng

RT: 19.03 min Scan# 2744

Delta R.T. 0.00 min

Lab File: BP002400.D

Acq: 12 Jun 2020 16:14

Instrument :

BNA_P

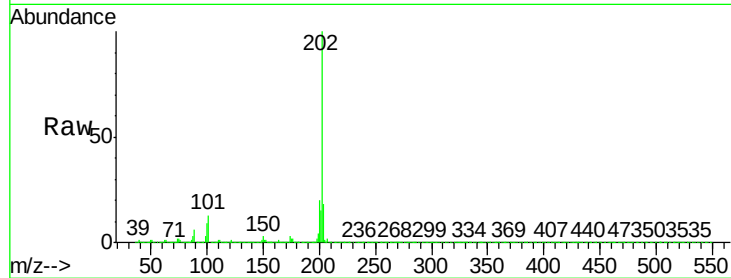
ClientSampleId :

LOD-MDL-SOIL-01-QT2-2020

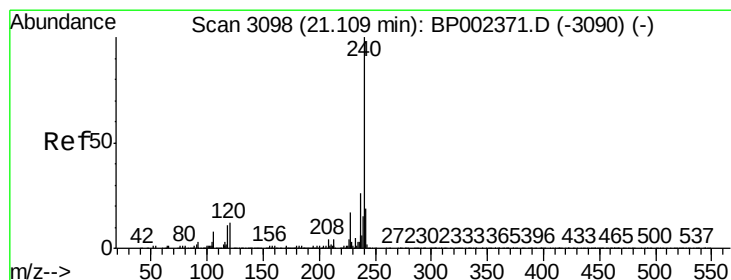
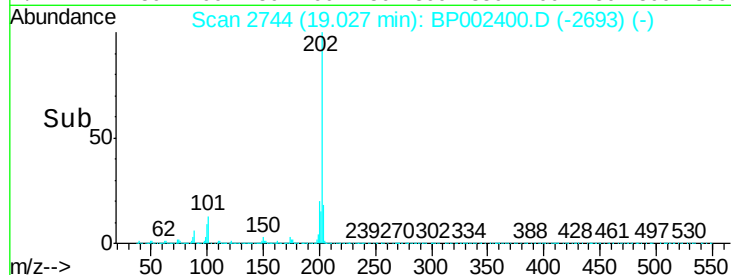
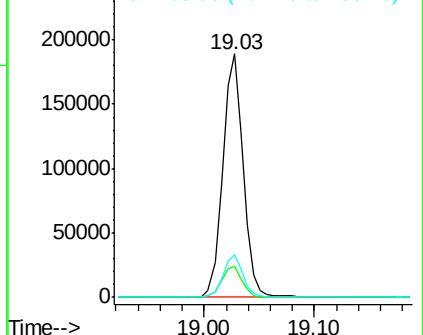
Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		244346		
101	12.8	0.0	31.8		
203	17.6	0.0	38.0		

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

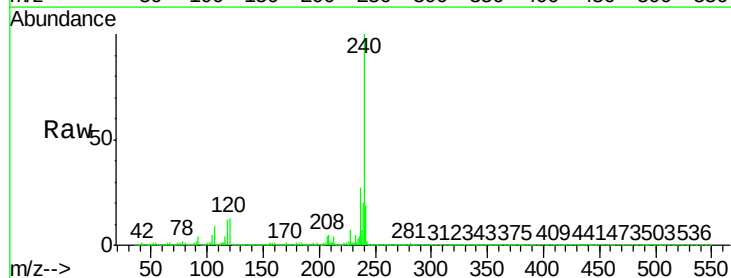
RT: 21.10 min Scan# 3097

Delta R.T. -0.01 min

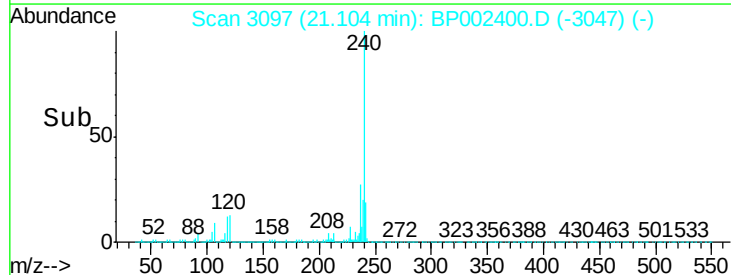
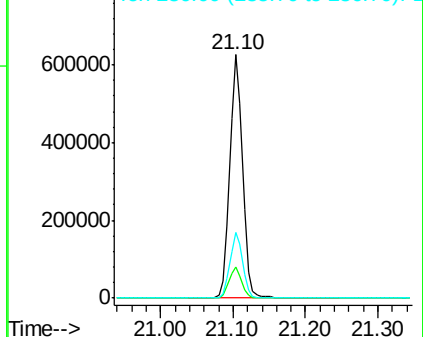
Lab File: BP002400.D

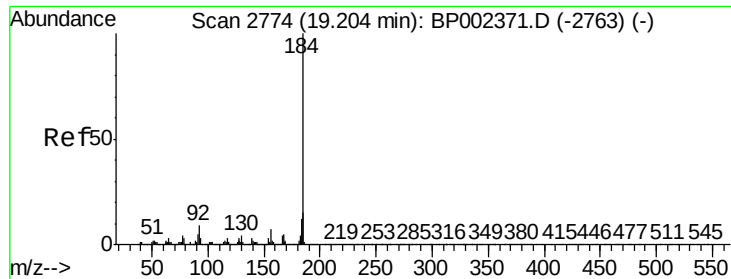
Acq: 12 Jun 2020 16:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100		768324		
120	12.9	9.3	13.9		
236	27.2	21.0	31.6		



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 5.251 ng

RT: 19.21 min Scan# 2775

Delta R.T. 0.01 min

Lab File: BP002400.D

Acq: 12 Jun 2020 16:14

Instrument :

BNA_P

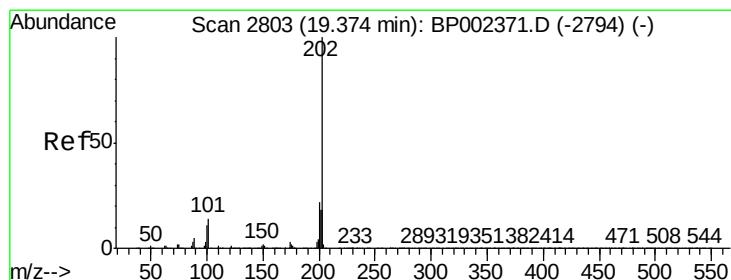
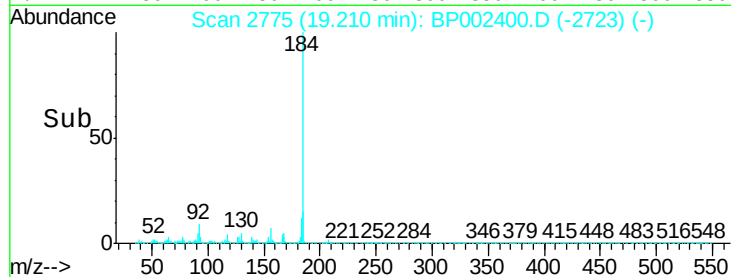
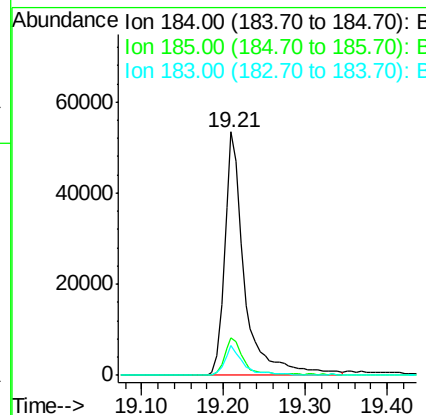
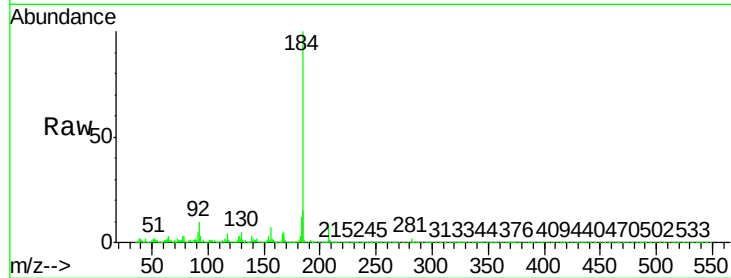
ClientSampleId :

LOD-MDL-SOIL-01-QT2-2020

Tot Ion:	184	Resp:	90148
Ion Ratio	Lower	Upper	
184	100		
185	15.5	11.8	17.8
183	12.5	9.2	13.8

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#78

Pyrene

Concen: 5.566 ng

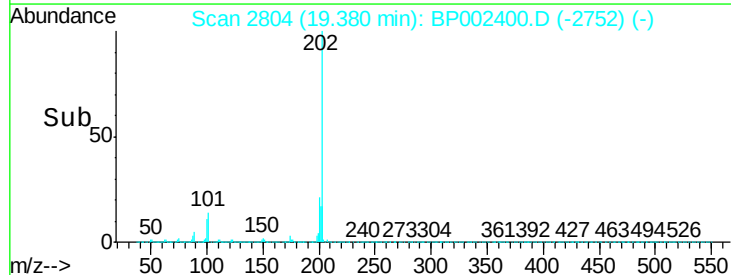
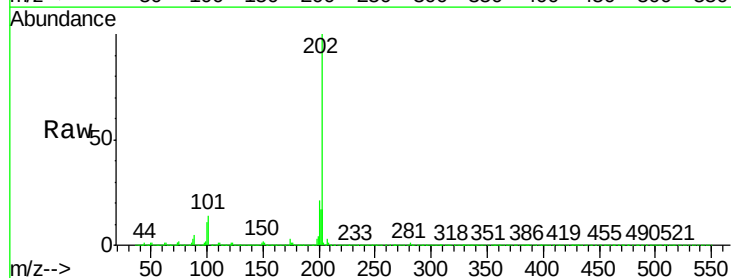
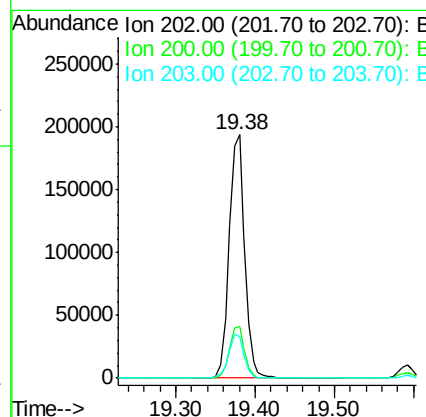
RT: 19.38 min Scan# 2804

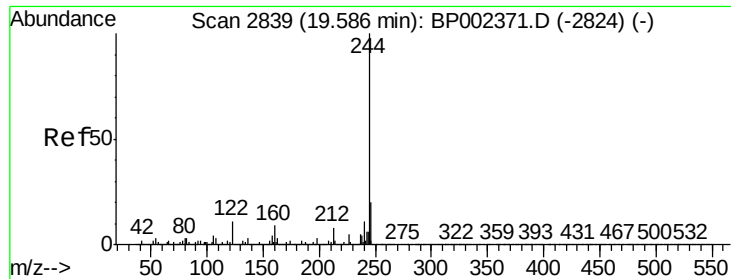
Delta R.T. 0.01 min

Lab File: BP002400.D

Acq: 12 Jun 2020 16:14

Tgt Ion:	202	Resp:	261943
Ion Ratio	Lower	Upper	
202	100		
200	21.2	17.7	26.5
203	16.9	14.6	22.0





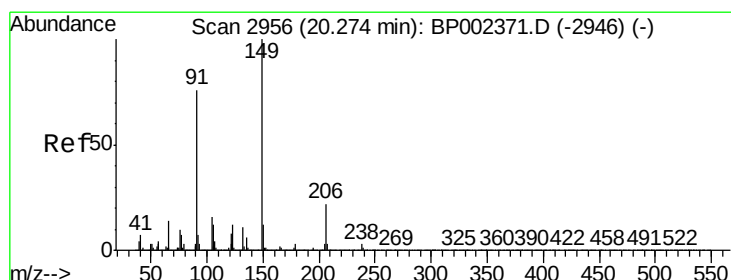
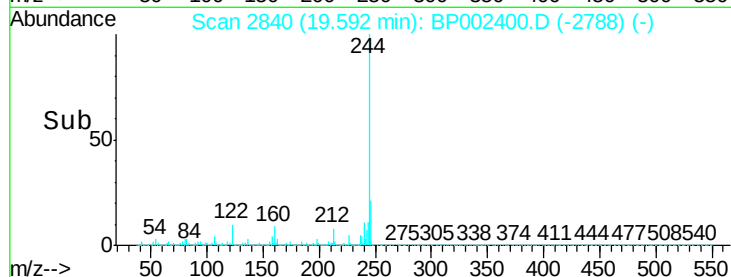
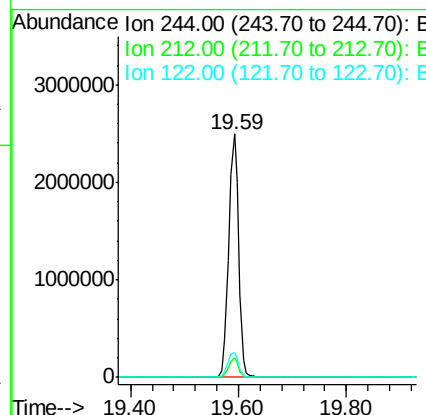
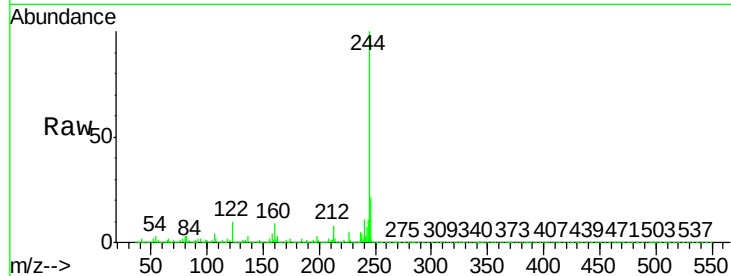
#79
 Terphenyl-d14
 Concen: 113.042 ng
 RT: 19.59 min Scan# 2840
 Delta R.T. 0.01 min
 Lab File: BP002400.D
 Acq: 12 Jun 2020 16:14

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

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.6	10.0
122	10.4	8.8	13.2

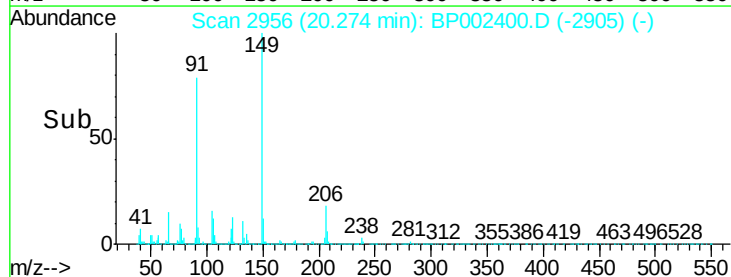
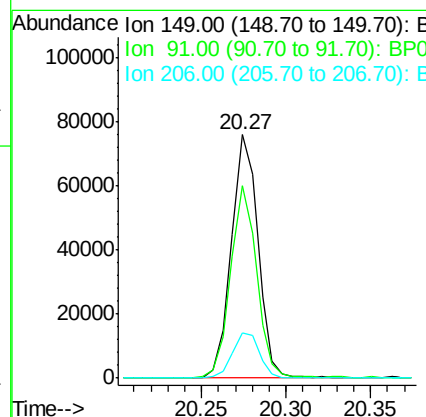
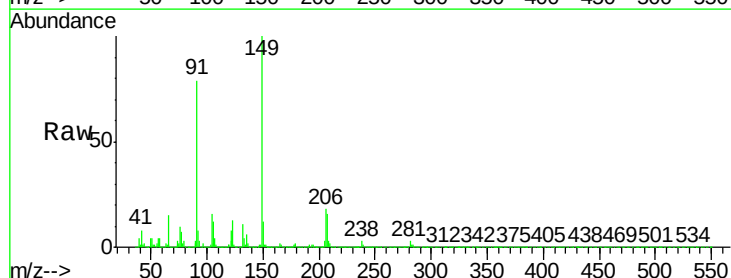
Manual Integrations
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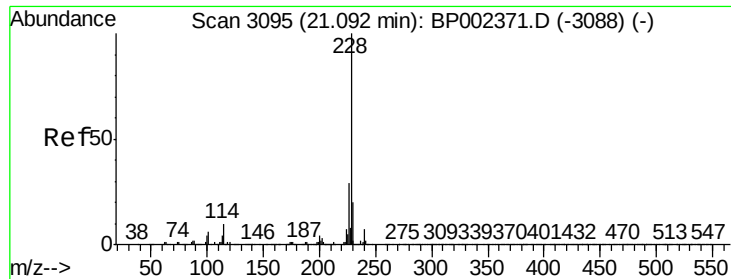
mohammad
 6/15/2020 8:47:06 AM



#80
 Butylbenzylphthalate
 Concen: 3.954 ng
 RT: 20.27 min Scan# 2956
 Delta R.T. 0.00 min
 Lab File: BP002400.D
 Acq: 12 Jun 2020 16:14

Tgt Ion	Ratio	Lower	Upper
149	100		
91	78.8	61.2	91.8
206	18.4	17.8	26.6





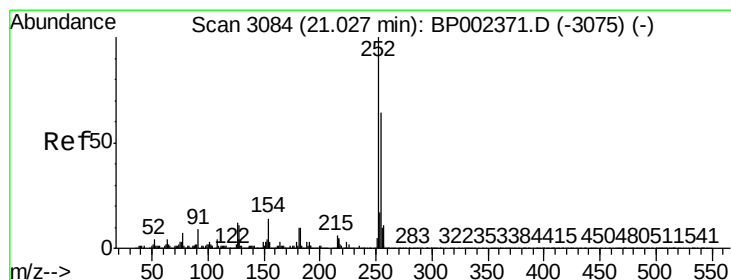
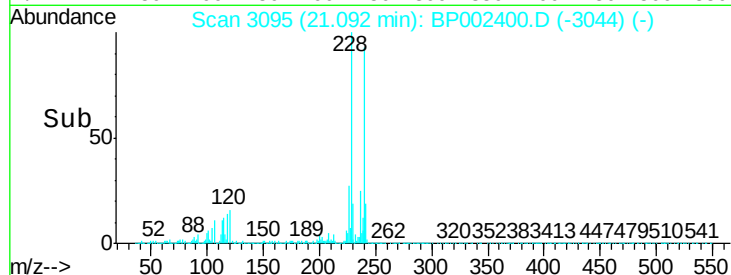
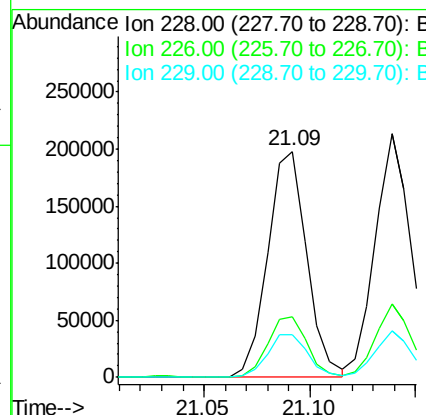
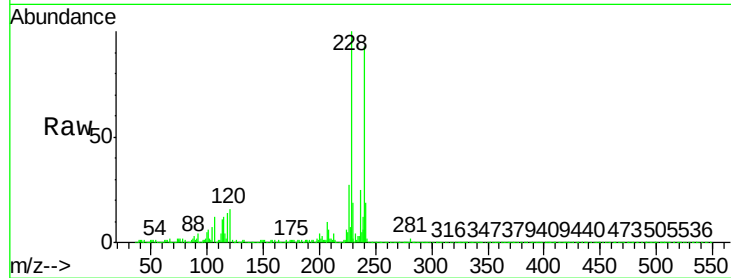
#81
Benzo(a)anthracene
Concen: 5.817 ng
RT: 21.09 min Scan# 3095
Delta R.T. 0.00 min
Lab File: BP002400.D
Acq: 12 Jun 2020 16:14

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

Tot Ion	Ratio	Lower	Upper
228	100		
226	26.6	22.8	34.2
229	19.0	16.2	24.2

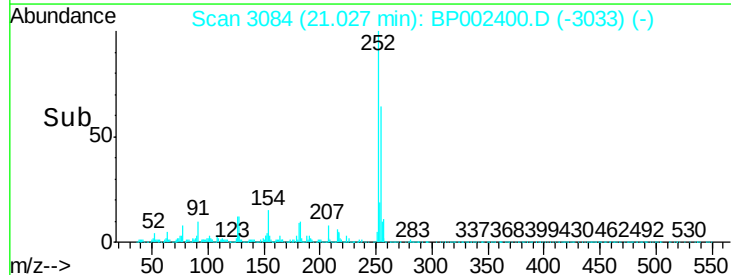
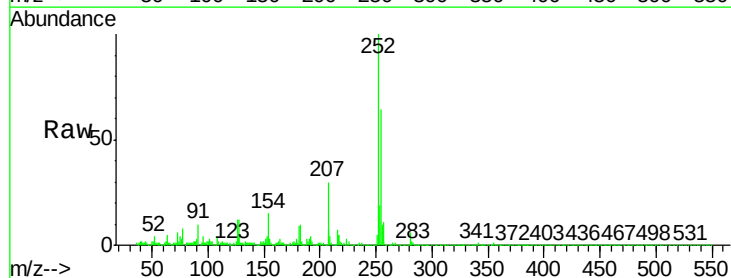
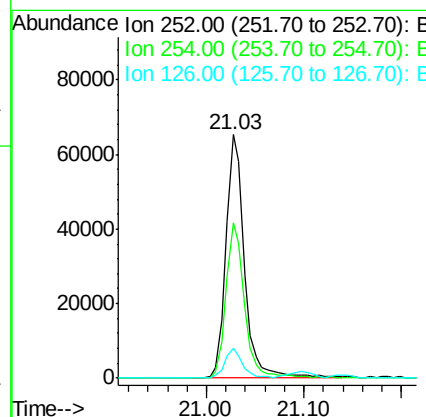
Manual Integrations
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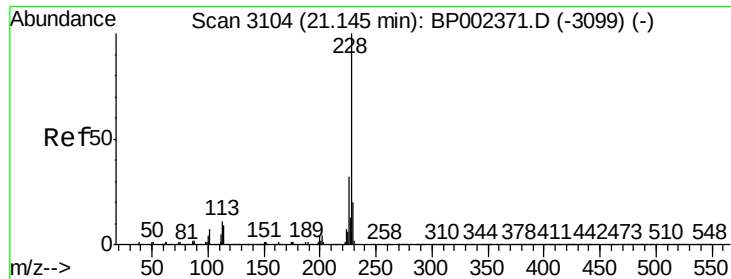
mohammad
6/15/2020 8:47:06 AM



#82
3,3'-Dichlorobenzidine
Concen: 5.265 ng
RT: 21.03 min Scan# 3084
Delta R.T. 0.00 min
Lab File: BP002400.D
Acq: 12 Jun 2020 16:14

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.0	51.4	77.2
126	12.5	9.2	13.8





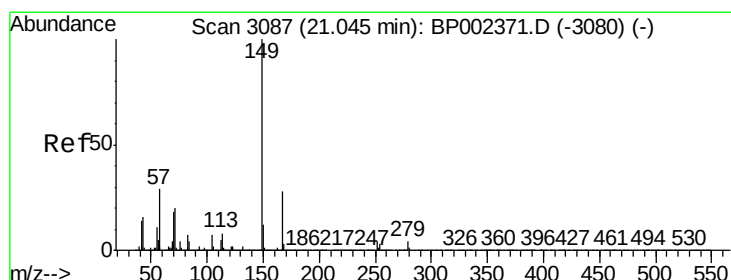
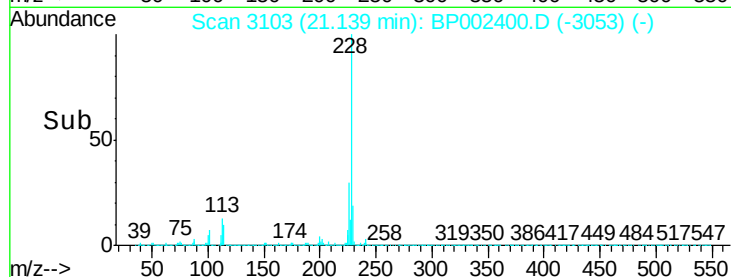
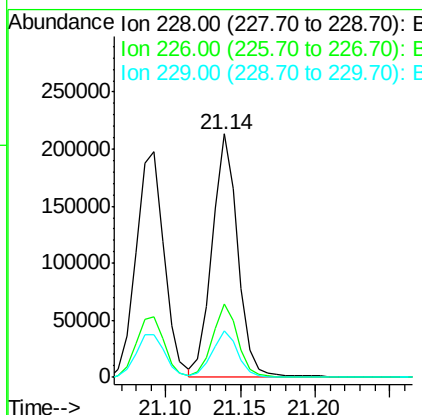
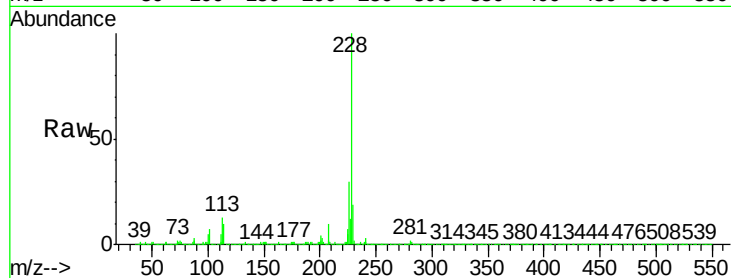
#83
Chrysene
Concen: 6.121 ng
RT: 21.14 min Scan# 3103
Delta R.T. -0.01 min
Lab File: BP002400.D
Acq: 12 Jun 2020 16:14

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

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.0	25.2	37.8
229	19.2	16.1	24.1

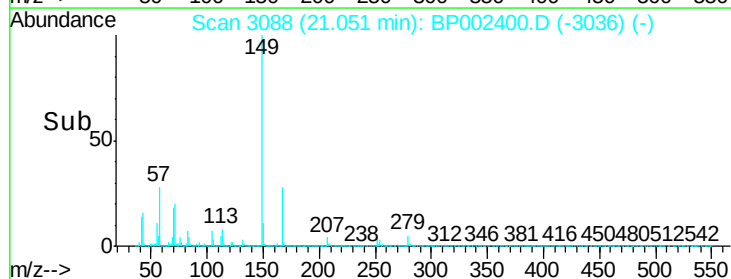
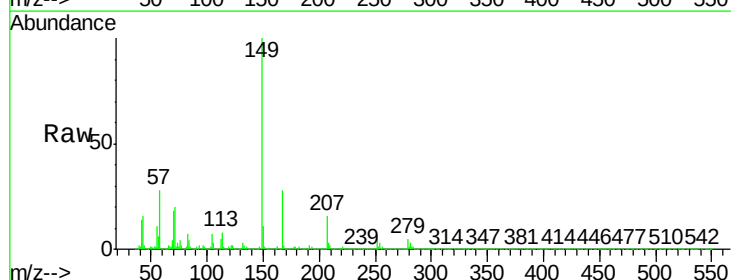
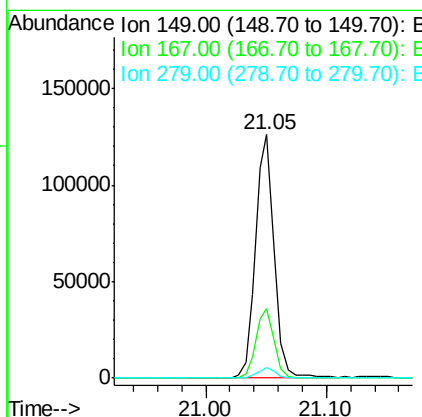
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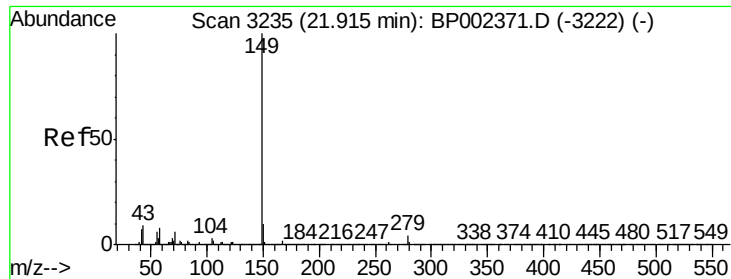
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 4.443 ng
RT: 21.05 min Scan# 3088
Delta R.T. 0.01 min
Lab File: BP002400.D
Acq: 12 Jun 2020 16:14

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.5	22.3	33.5
279	4.6	3.2	4.8





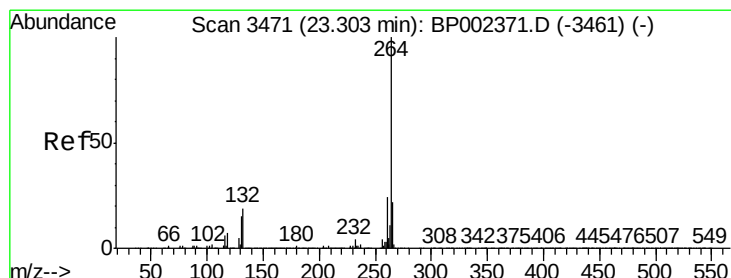
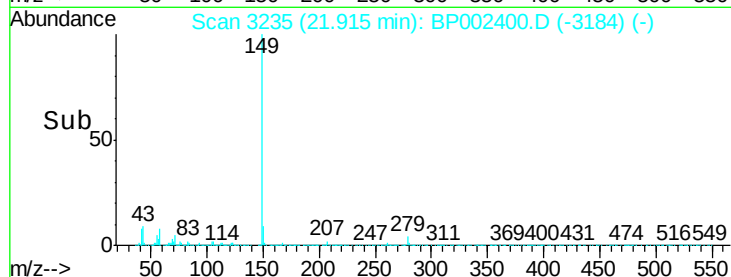
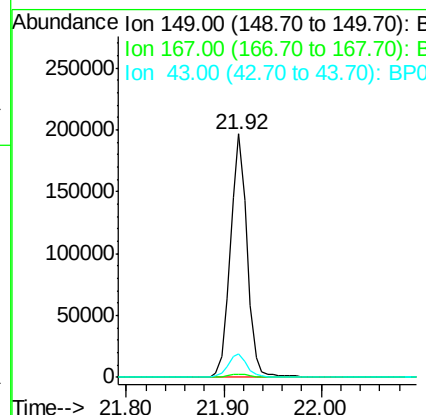
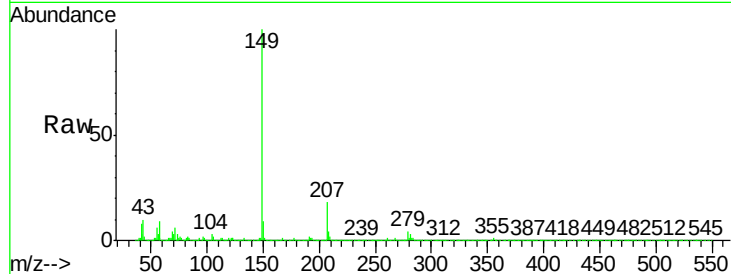
#85
Di-n-octyl phthalate
Concen: 4.339 ng
RT: 21.92 min Scan# 3235
Delta R.T. 0.00 min
Lab File: BP002400.D
Acq: 12 Jun 2020 16:14

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	10.1	7.8	11.6

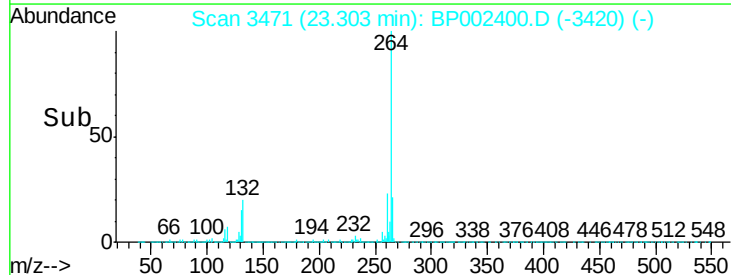
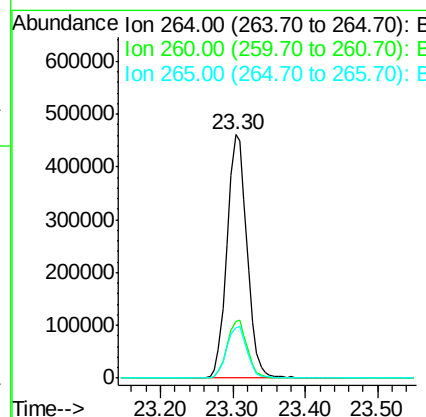
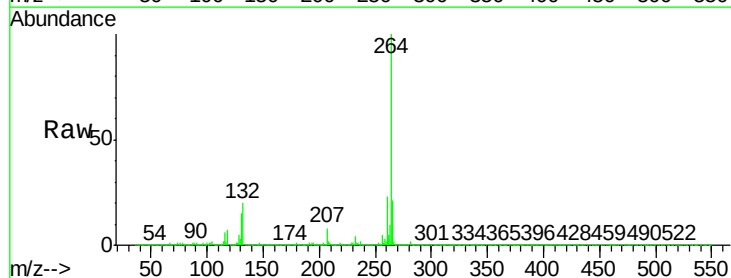
Manual Integrations
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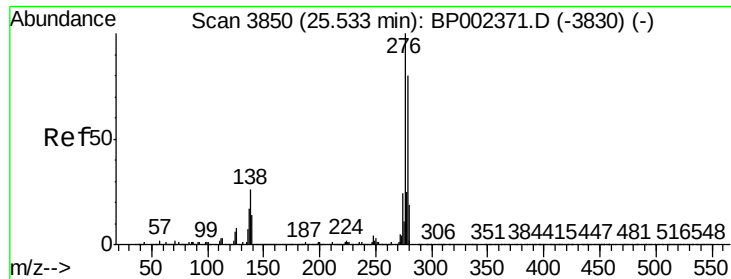
mohammad
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#86
Perylene-d12
Concen: 20.000 ng
RT: 23.30 min Scan# 3471
Delta R.T. 0.00 min
Lab File: BP002400.D
Acq: 12 Jun 2020 16:14

Tgt Ion	Ratio	Resp Lower	Upper
264	100		
260	23.5	19.4	29.0
265	20.7	17.4	26.2





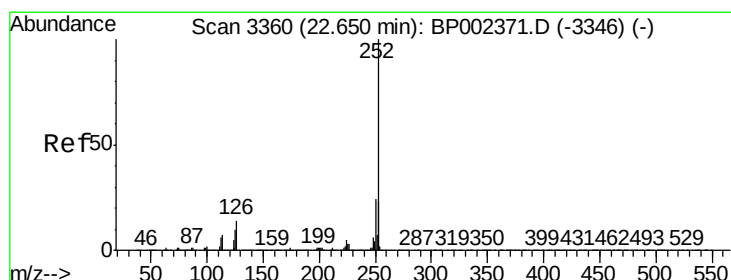
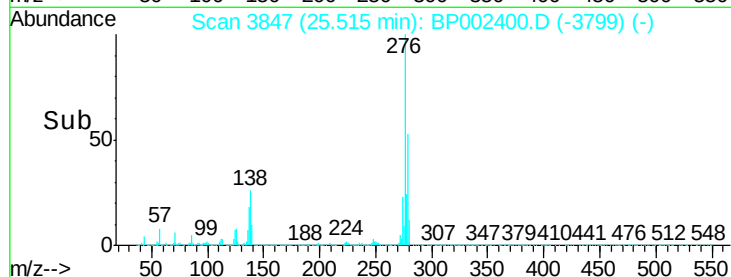
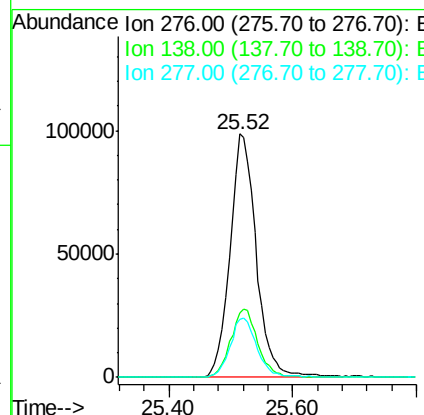
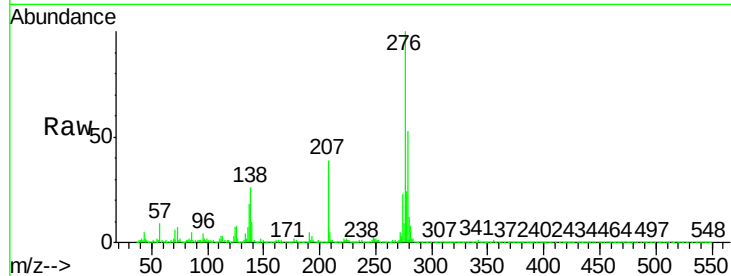
#87
Indeno(1,2,3-cd)pyrene
Concen: 5.263 ng
RT: 25.52 min Scan# 3847
Delta R.T. -0.02 min
Lab File: BP002400.D
Acq: 12 Jun 2020 16:14

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

Tot Ion	Ratio	Lower	Upper
276	100		
138	28.8	21.2	31.8
277	24.7	20.3	30.5

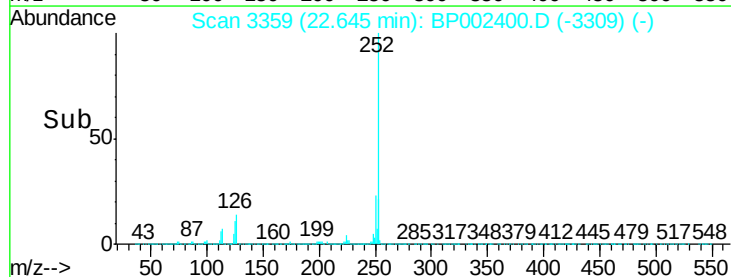
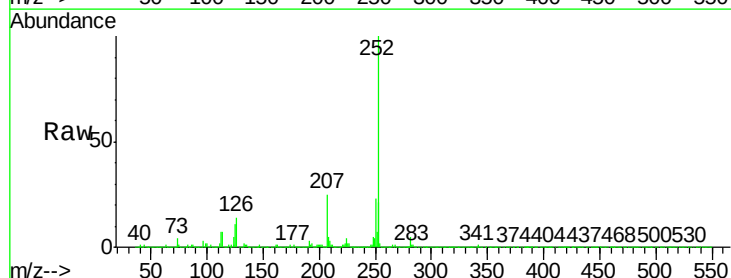
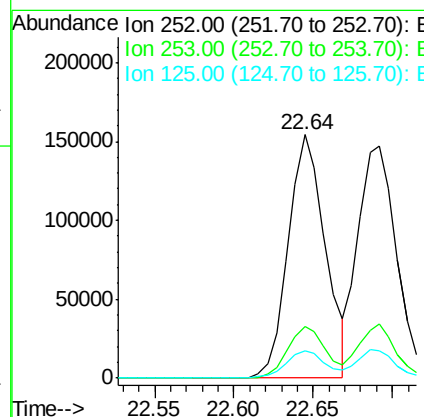
Manual Integrations
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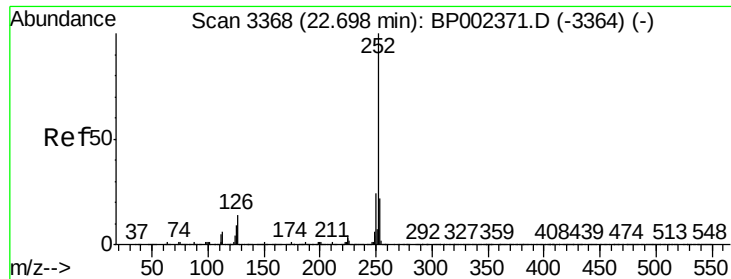
mohammad
6/15/2020 8:47:06 AM



#88
Benzo(b)fluoranthene
Concen: 5.227 ng
RT: 22.64 min Scan# 3359
Delta R.T. -0.01 min
Lab File: BP002400.D
Acq: 12 Jun 2020 16:14

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.3	18.1	27.1
125	11.2	8.2	12.2





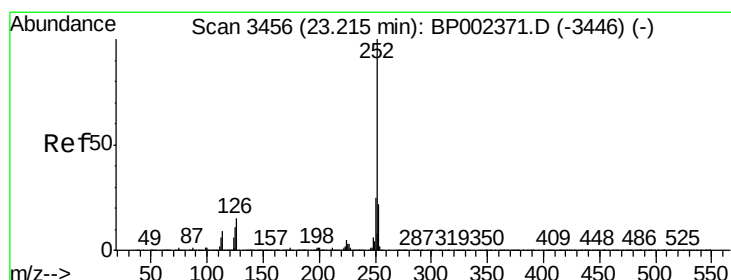
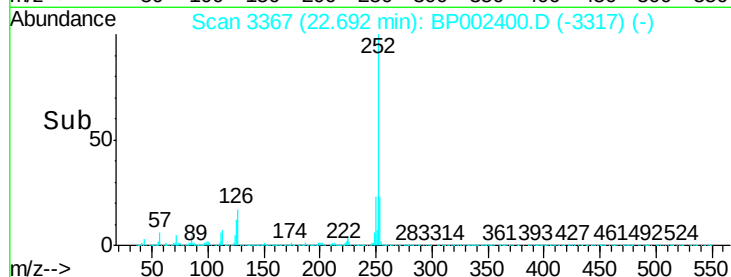
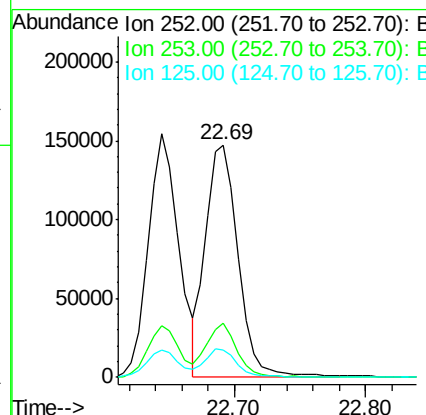
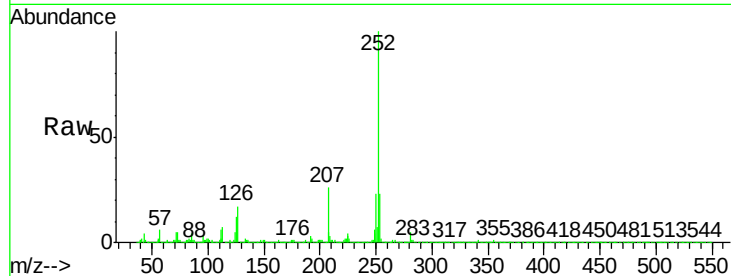
#89
Benzo(k)fluoranthene
Concen: 5.666 ng m
RT: 22.69 min Scan# 3367
Delta R.T. -0.01 min
Lab File: BP002400.D
Acq: 12 Jun 2020 16:14

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

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.8	26.6
125	11.9	7.8	11.8

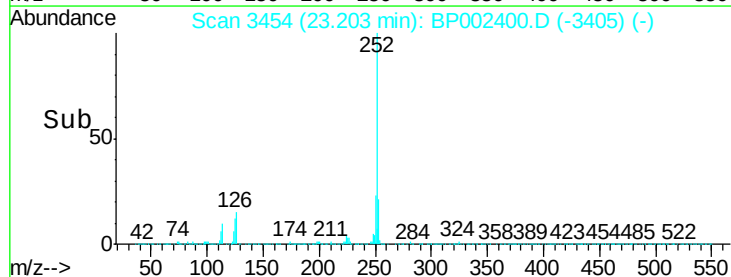
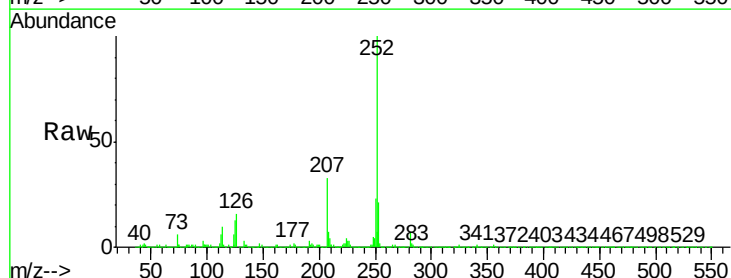
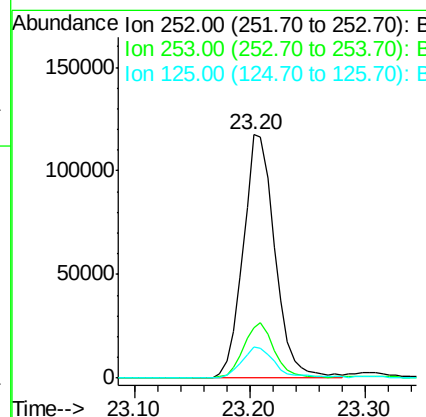
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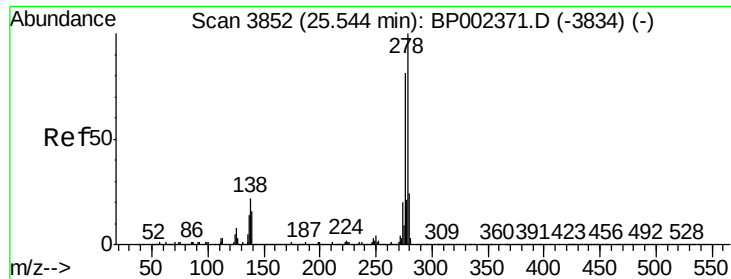
mohammad
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#90
Benzo(a)pyrene
Concen: 5.028 ng
RT: 23.20 min Scan# 3454
Delta R.T. -0.01 min
Lab File: BP002400.D
Acq: 12 Jun 2020 16:14

Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.7	17.8	26.8
125	12.7	9.2	13.8





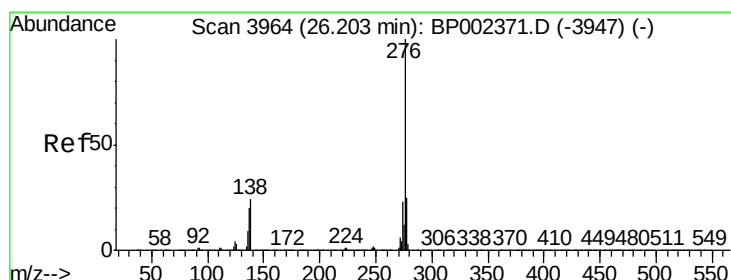
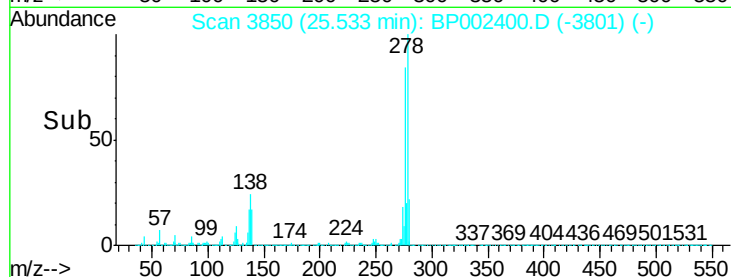
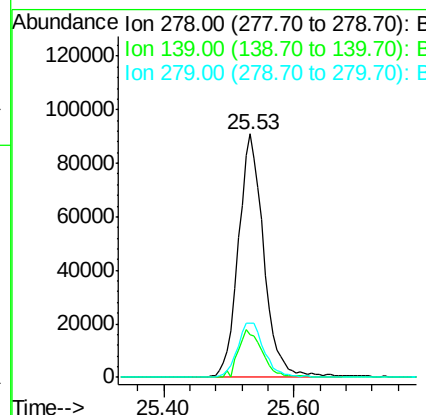
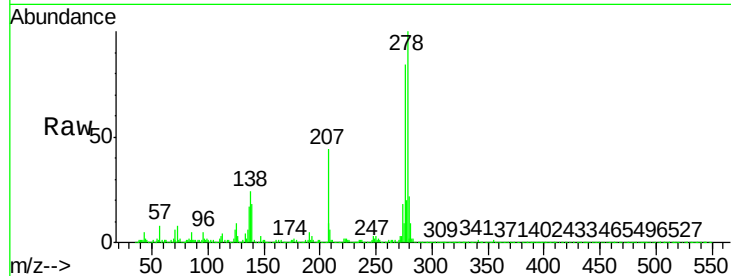
#91
Dibenzo(a,h)anthracene
Concen: 5.526 ng
RT: 25.53 min Scan# 3850
Delta R.T. -0.01 min
Lab File: BP002400.D
Acq: 12 Jun 2020 16:14

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

Tot Ion	Ratio	Lower	Upper
278	100		
139	17.5	13.1	19.7
279	22.3	18.9	28.3

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 5.329 ng
RT: 26.19 min Scan# 3961
Delta R.T. -0.02 min
Lab File: BP002400.D
Acq: 12 Jun 2020 16:14

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.4	19.8	29.6
138	24.2	19.2	28.8

