

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP071320\
 Data File : BP002729.D
 Acq On : 13 Jul 2020 11:07
 Operator : CG/JU
 Sample : L3216-01
 Misc : LOD-MDL-SOIL-4PPM
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2020

Manual Integrations
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mohammad
 7/14/2020 12:02:22 PM

Quant Time: Jul 13 11:42:39 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP071020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 13 10:54:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	156281	20.00	ng	0.00
21) Naphthalene-d8	10.32	136	650426	20.00	ng	0.00
39) Acenaphthene-d10	14.20	164	414439	20.00	ng	0.00
64) Phenanthrene-d10	16.96	188	911470	20.00	ng	0.00
76) Chrysene-d12	21.07	240	922503	20.00	ng	0.00
86) Perylene-d12	23.26	264	915273	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.18	112	1317851	142.27	ng	0.00
7) Phenol-d6	6.75	99	1812970	137.14	ng	0.00
23) Nitrobenzene-d5	8.70	82	901405	74.12	ng	0.00
42) 2,4,6-Tribromophenol	15.71	330	655975	151.63	ng	0.00
45) 2-Fluorobiphenyl	12.82	172	2042641	76.25	ng	0.00
79) Terphenyl-d14	19.55	244	2470466	61.40	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.13	88	17841	4.418	ng	99
3) Pyridine	3.52	79	34524	2.869	ng	96
4) n-Nitrosodimethylamine	3.44	42	15736	3.471	ng	# 81
6) Aniline	6.89	93	63138	3.773	ng	98
8) 2-Chlorophenol	7.13	128	38435	3.729	ng	91
9) Benzaldehyde	6.70	77	31293	4.357	ng	98
10) Phenol	6.78	94	51555	3.807	ng	90
11) bis(2-Chloroethyl)ether	6.99	93	41295	3.666	ng	98
12) 1,3-Dichlorobenzene	7.45	146	42559	3.601	ng	96
13) 1,4-Dichlorobenzene	7.59	146	43629	3.679	ng	98
14) 1,2-Dichlorobenzene	7.90	146	42850	3.747	ng	99
15) Benzyl Alcohol	7.80	79	25770	2.913	ng	93
16) 2,2'-oxybis(1-Chloropropan	8.09	45	59153	3.652	ng	99
17) 2-Methylphenol	8.02	107	31241	3.238	ng	98
18) Hexachloroethane	8.62	117	14875	3.541	ng	96
19) n-Nitroso-di-n-propylamine	8.36	70	29049	3.608	ng	97
20) 3+4-Methylphenols	8.35	107	39883	3.126	ng	# 88
22) Acetophenone	8.37	105	60472	3.771	ng	95
24) Nitrobenzene	8.74	77	49783	3.780	ng	98
25) Isophorone	9.26	82	79216	3.196	ng	99
26) 2-Nitrophenol	9.46	139	16265	2.859	ng	98
27) 2,4-Dimethylphenol	9.54	122	31429	3.403	ng	96
28) bis(2-Chloroethoxy)methane	9.76	93	51929	3.449	ng	98
29) 2,4-Dichlorophenol	10.02	162	30639	3.009	ng	97
30) 1,2,4-Trichlorobenzene	10.20	180	40974	3.513	ng	98
31) Naphthalene	10.37	128	128809	3.751	ng	99
32) Benzoic acid	9.78	122	3029m	7.424	ng	
33) 4-Chloroaniline	10.50	127	46891	3.187	ng	99
34) Hexachlorobutadiene	10.67	225	22251	3.301	ng	96
35) Caprolactam	11.25	113	8431	2.368	ng	97
36) 4-Chloro-3-methylphenol	11.66	107	32579	2.968	ng	97
37) 2-Methylnaphthalene	12.00	142	87699	3.619	ng	99
38) 1-Methylnaphthalene	12.22	142	85007	3.709	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.38	216	47255	3.710	ng	98

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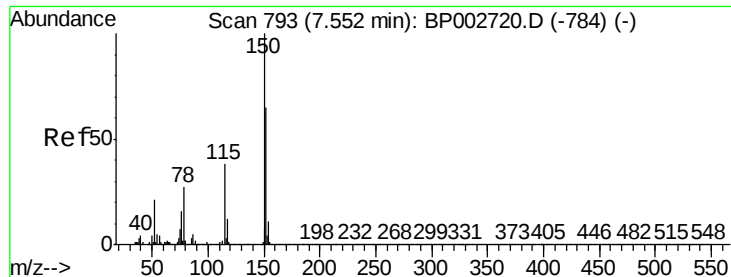
Manual Integrations
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Quant Time: Jul 13 11:42:39 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP071020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 13 10:54:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.36	237	3797	8.045	ng	89
43) 2,4,6-Trichlorophenol	12.64	196	21758	2.669	ng	95
44) 2,4,5-Trichlorophenol	12.73	196	24516	2.593	ng	97
46) 1,1'-Biphenyl	13.03	154	125967	4.077	ng	100
47) 2-Chloronaphthalene	13.07	162	89292	3.558	ng	99
48) 2-Nitroaniline	13.29	65	18815	2.425	ng	93
49) Acenaphthylene	13.92	152	137788	3.483	ng	99
50) Dimethylphthalate	13.67	163	108012	3.417	ng	100
51) 2,6-Dinitrotoluene	13.79	165	18974	2.804	ng	94
52) Acenaphthene	14.27	154	86277	3.649	ng	99
53) 3-Nitroaniline	14.13	138	17634	2.329	ng	# 85
54) 2,4-Dinitrophenol	14.33	184	29	11.381	ng	# 1
55) Dibenzofuran	14.61	168	141861	3.741	ng	98
56) 4-Nitrophenol	14.53	139	2901	5.420	ng	91
57) 2,4-Dinitrotoluene	14.59	165	21149	2.373	ng	# 81
58) Fluorene	15.26	166	107751	3.840	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.86	232	20305	2.724	ng	96
60) Diethylphthalate	15.05	149	101766	3.321	ng	97
61) 4-Chlorophenyl-phenylether	15.26	204	56287	3.775	ng	98
62) 4-Nitroaniline	15.30	138	16223m	3.354	ng	
63) Azobenzene	15.56	77	104006	3.301	ng	97
65) 4,6-Dinitro-2-methylphenol	15.37	198	5093	6.099	ng	84
66) n-Nitrosodiphenylamine	15.48	169	93849	3.486	ng	99
67) 4-Bromophenyl-phenylether	16.16	248	32016	3.225	ng	99
68) Hexachlorobenzene	16.27	284	36962	3.533	ng	# 92
69) Atrazine	16.45	200	27106	3.688	ng	98
70) Pentachlorophenol	16.65	266	2477	7.885	ng	# 85
71) Phenanthrene	17.00	178	184293	3.734	ng	99
72) Anthracene	17.10	178	171534	3.542	ng	100
73) Carbazole	17.38	167	153353	3.227	ng	99
74) Di-n-butylphthalate	17.95	149	145771	2.828	ng	100
75) Fluoranthene	18.99	202	201240	3.519	ng	99
77) Benzidine	19.19	184	52367	2.290	ng	98
78) Pyrene	19.34	202	212486	3.336	ng	98
80) Butylbenzylphthalate	20.24	149	58904	2.344	ng	95
81) Benzo(a)anthracene	21.06	228	205727	3.445	ng	98
82) 3,3'-Dichlorobenzidine	21.00	252	57838	2.925	ng	# 97
83) Chrysene	21.11	228	202745	3.567	ng	99
84) Bis(2-ethylhexyl)phthalate	21.01	149	91647	2.622	ng	99
85) Di-n-octyl phthalate	21.87	149	151786	2.415	ng	96
87) Indeno(1,2,3-cd)pyrene	25.46	276	223614	3.380	ng	98
88) Benzo(b)fluoranthene	22.61	252	188286	3.313	ng	98
89) Benzo(k)fluoranthene	22.65	252	202789	3.623	ng	98
90) Benzo(a)pyrene	23.16	252	172664	3.206	ng	99
91) Dibenzo(a,h)anthracene	25.47	278	186921	3.504	ng	100
92) Benzo(g,h,i)perylene	26.13	276	184603	3.413	ng	98

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



#1

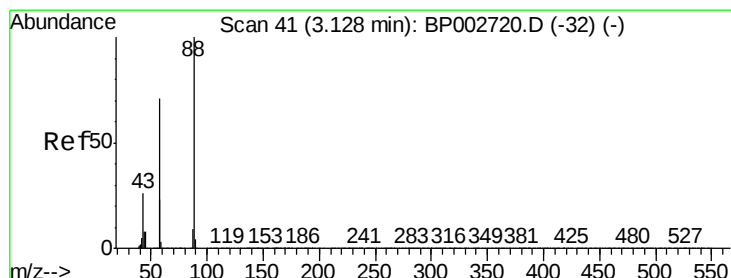
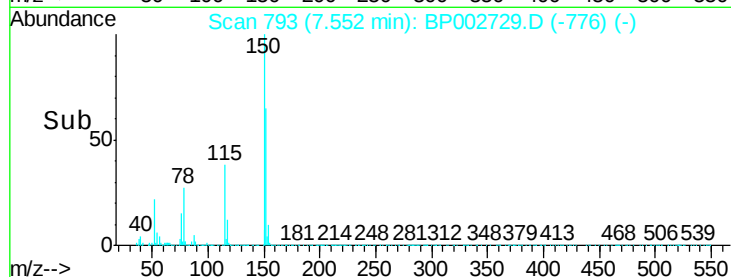
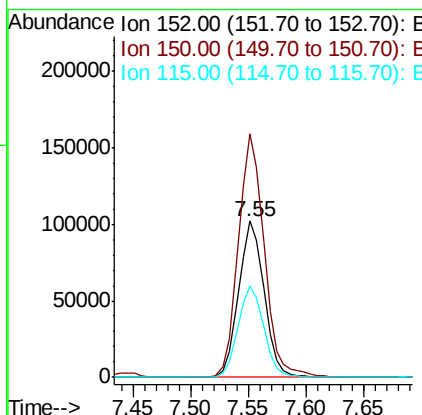
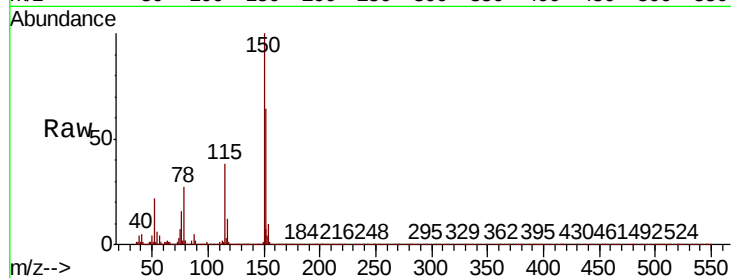
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.55 min Scan# 793
Delta R.T. 0.00 min
Lab File: BP002729.D
Acq: 13 Jul 2020 11:07

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2020

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.0	123.7	185.5
115	58.6	47.2	70.8

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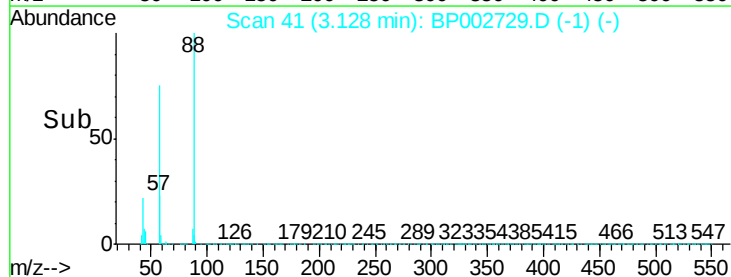
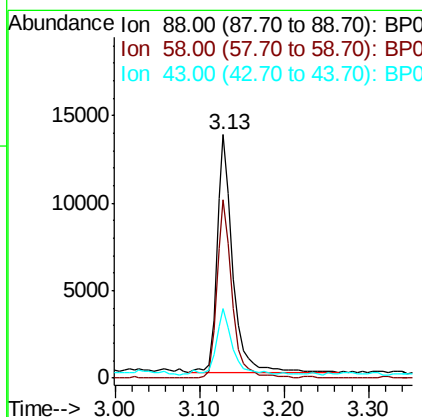
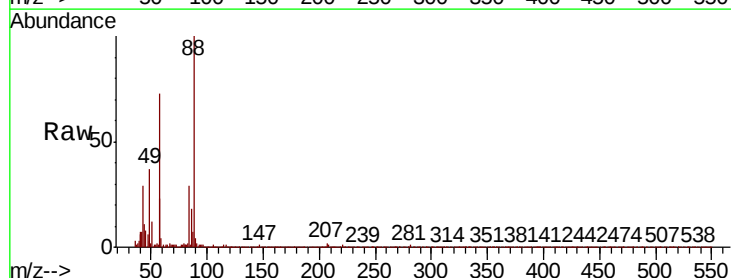
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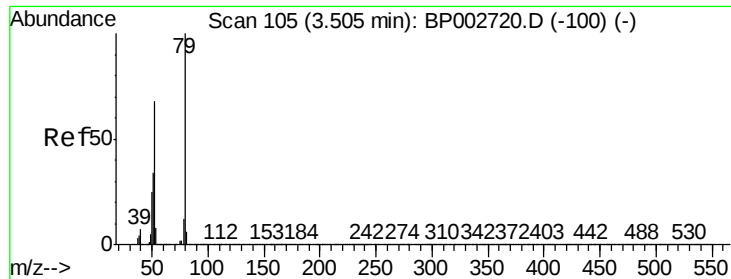


#2

1,4-Dioxane
Concen: 4.418 ng
RT: 3.13 min Scan# 41
Delta R.T. 0.00 min
Lab File: BP002729.D
Acq: 13 Jul 2020 11:07

Tgt Ion	Ratio	Lower	Upper
88	100		
58	72.3	58.2	87.4
43	27.0	21.5	32.3





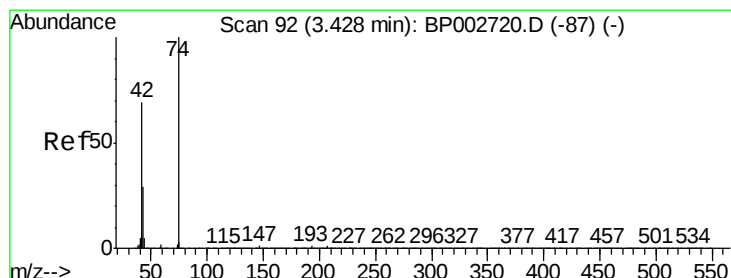
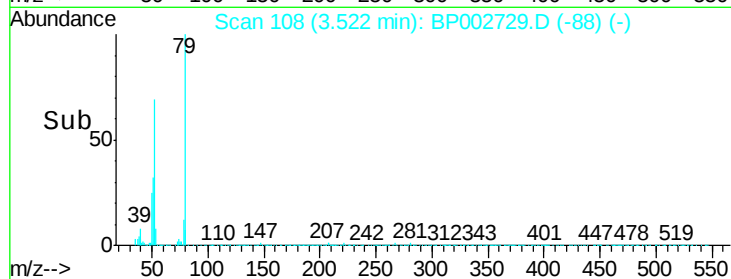
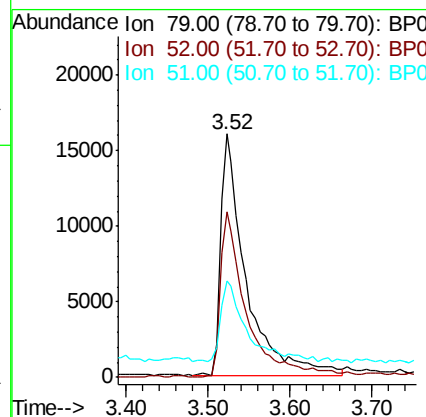
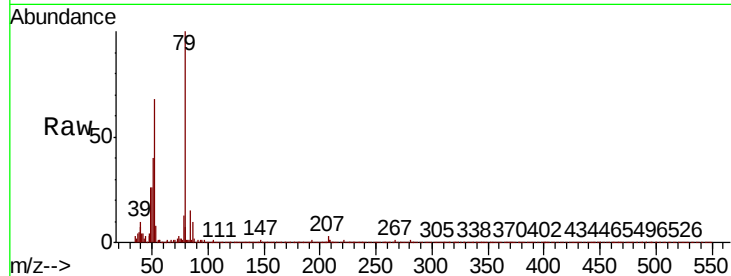
#3
Pvridine
Concen: 2.869 ng
RT: 3.52 min Scan# 108
Delta R.T. 0.02 min
Lab File: BP002729.D
Acq: 13 Jul 2020 11:07

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2020

Tot Ion	Ratio	Lower	Upper
79	100		
52	68.2	54.2	81.2
51	39.7	27.3	40.9

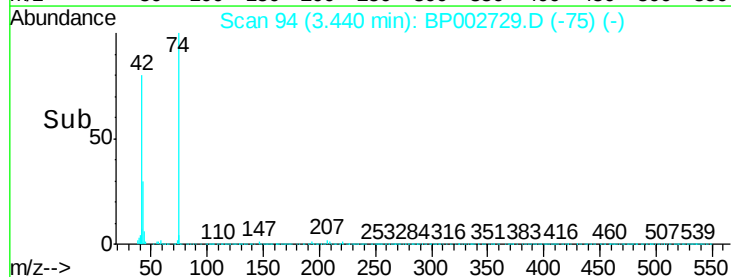
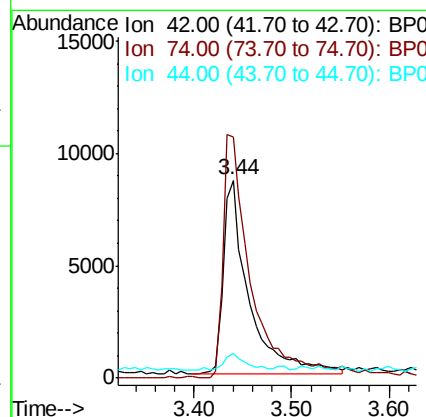
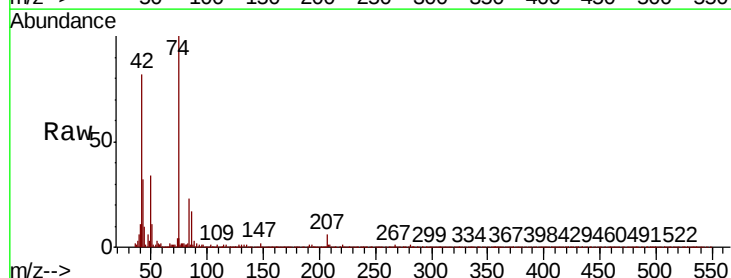
Manual Integrations
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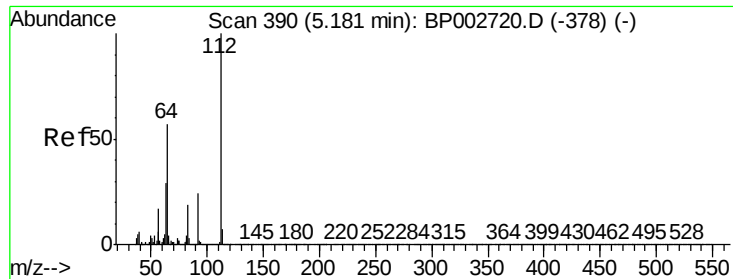
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#4
n-Nitrosodimethylamine
Concen: 3.471 ng
RT: 3.44 min Scan# 94
Delta R.T. 0.01 min
Lab File: BP002729.D
Acq: 13 Jul 2020 11:07

Tgt Ion	Ratio	Lower	Upper
42	100		
74	122.1	116.3	174.5
44	12.4	5.9	8.9





#5

2-Fluorophenol

Concen: 142.273 ng

RT: 5.18 min Scan# 389

Delta R.T. -0.01 min

Lab File: BP002729.D

Acq: 13 Jul 2020 11:07

Instrument :

BNA_P

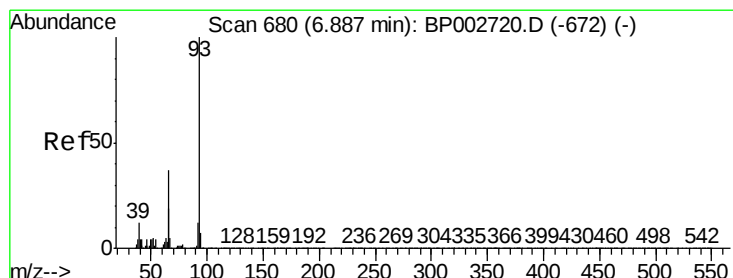
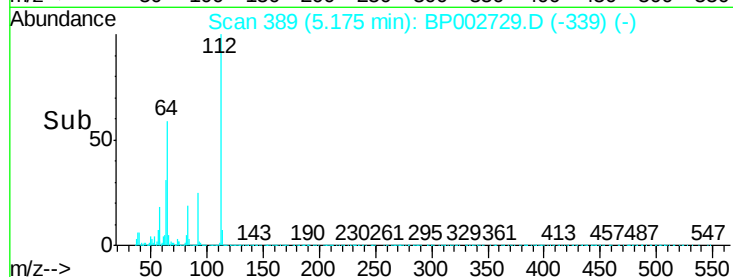
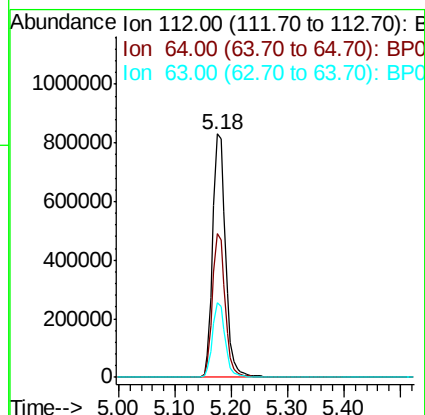
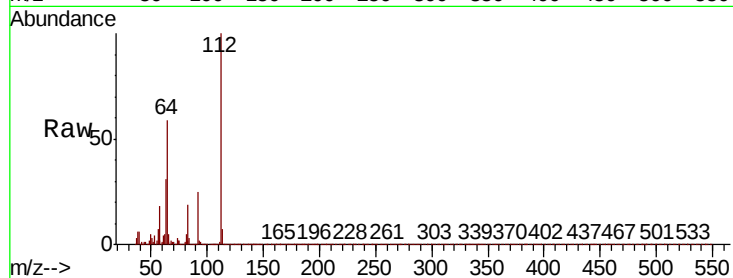
ClientSampleId :

LOD-MDL-SOIL-01-QT3-2020

Tot Ion:	112	Resp:	1317851
Ion Ratio	Lower	Upper	
112	100		
64	58.9	45.6	68.4
63	30.5	23.5	35.3

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#6

Aniline

Concen: 3.773 ng

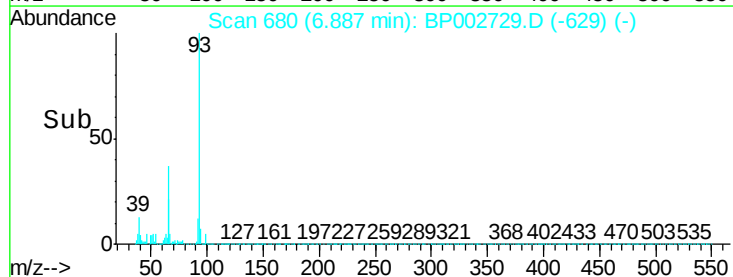
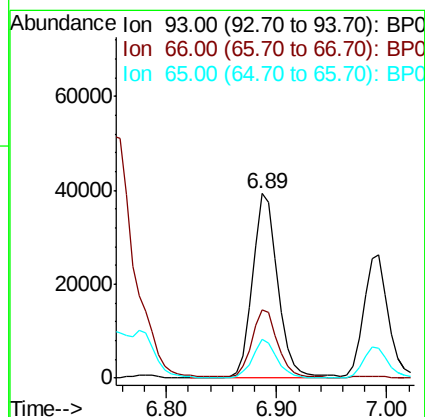
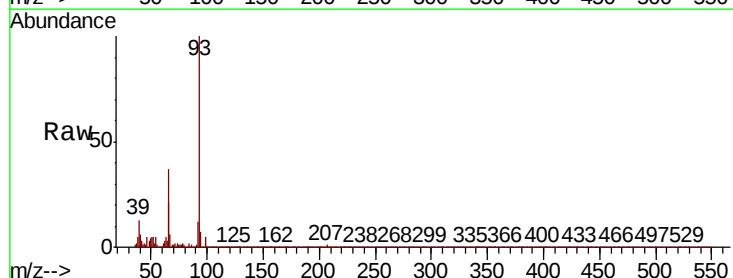
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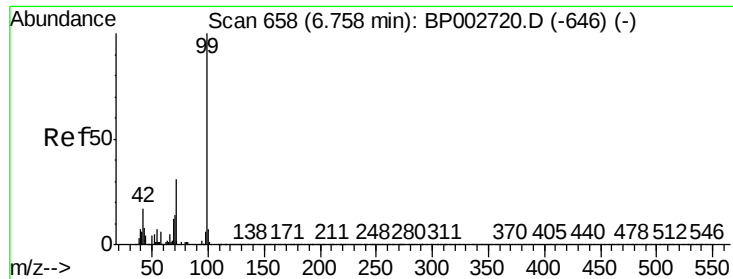
Delta R.T. 0.00 min

Lab File: BP002729.D

Acq: 13 Jul 2020 11:07

Tgt Ion:	93	Resp:	63138
Ion Ratio	Lower	Upper	
93	100		
66	37.1	30.1	45.1
65	20.8	15.4	23.2





#7

Phenol-d6

Concen: 137.143 ng

RT: 6.75 min Scan# 657

Delta R.T. -0.01 min

Lab File: BP002729.D

Acq: 13 Jul 2020 11:07

Instrument :

BNA_P

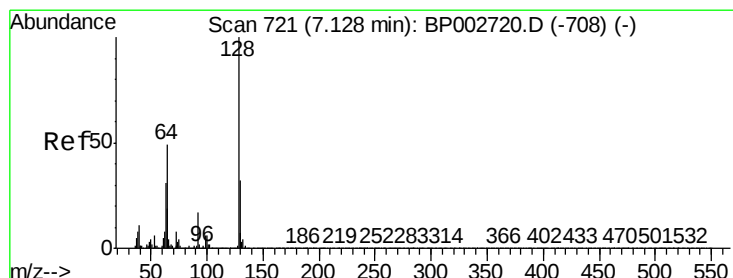
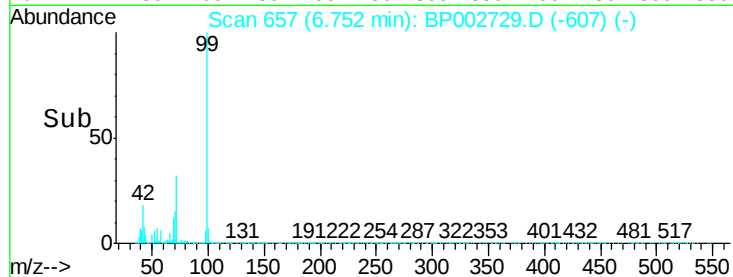
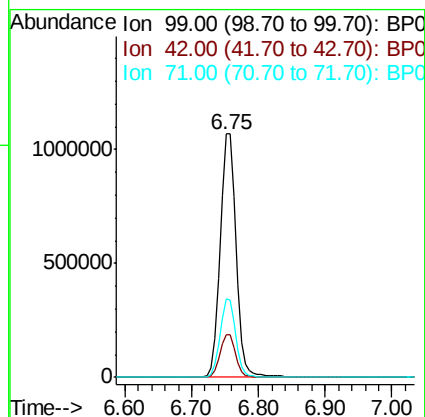
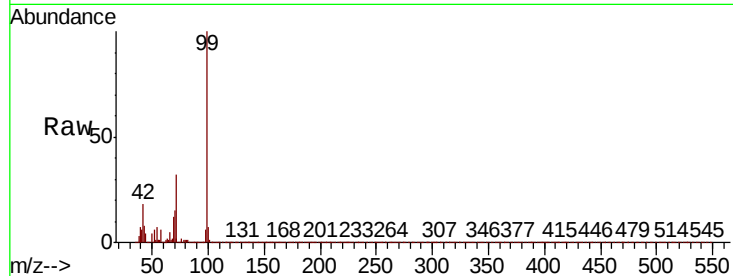
ClientSampleId :

LOD-MDL-SOIL-01-QT3-2020

Tot Ion:	99	Resp:	1812970
Ion	Ratio	Lower	Upper
99	100		
42	17.8	13.4	20.2
71	32.2	24.6	36.8

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#8

2-Chlorophenol

Concen: 3.729 ng

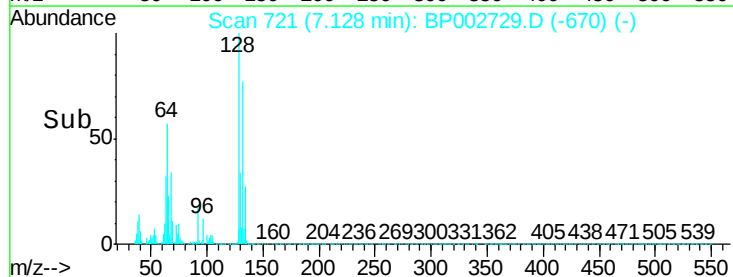
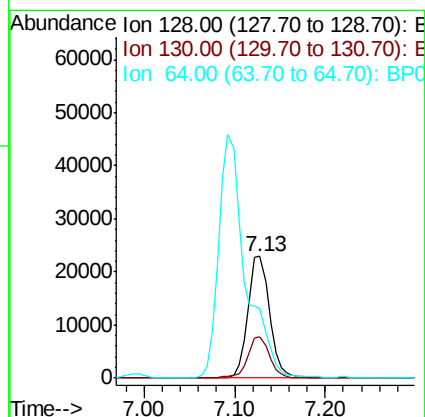
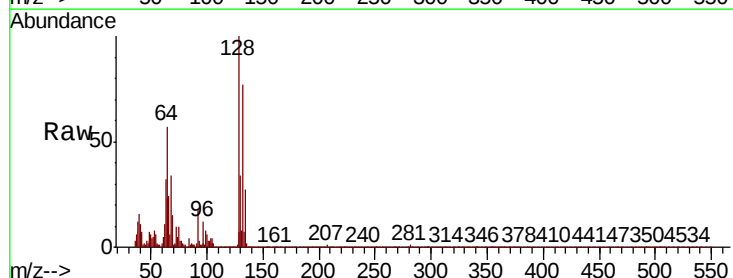
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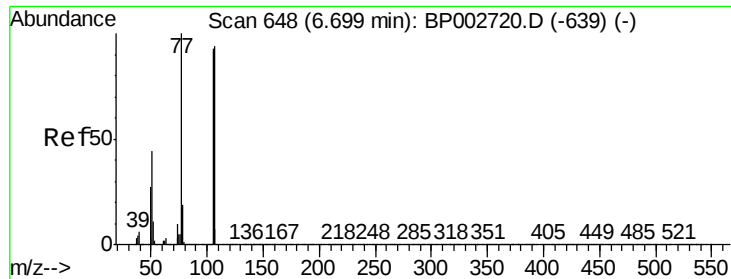
Delta R.T. 0.00 min

Lab File: BP002729.D

Acq: 13 Jul 2020 11:07

Tgt Ion:	128	Resp:	38435
Ion	Ratio	Lower	Upper
128	100		
130	34.4	12.2	52.2
64	57.5	28.8	68.8





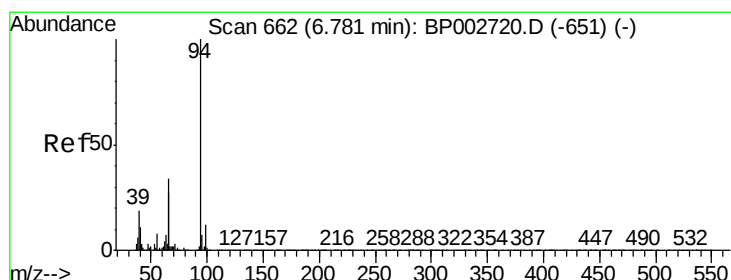
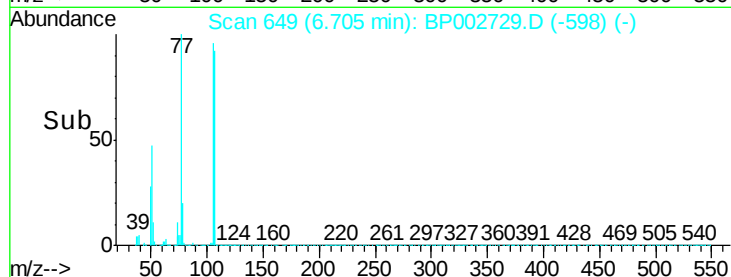
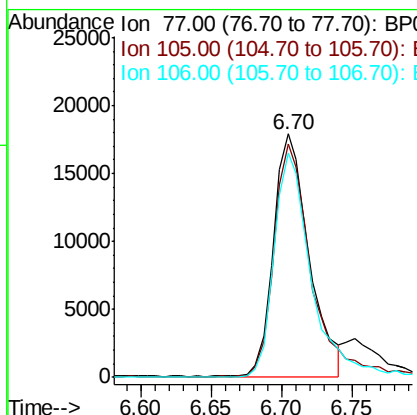
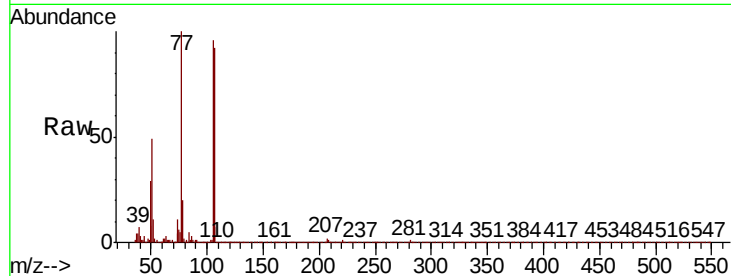
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Benzaldehyde
Concen: 4.357 ng
RT: 6.70 min Scan# 649
Delta R.T. 0.00 min
Lab File: BP002729.D
Acq: 13 Jul 2020 11:07

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2020

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
105	95.8	73.2	113.2	
106	92.1	73.6	113.6	

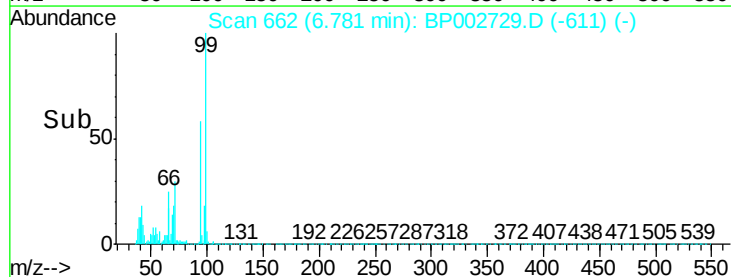
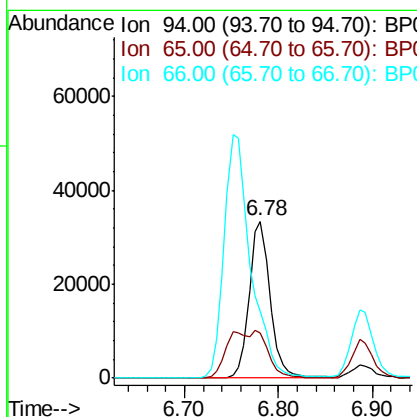
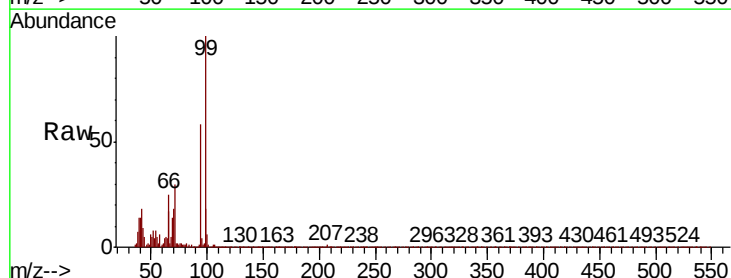
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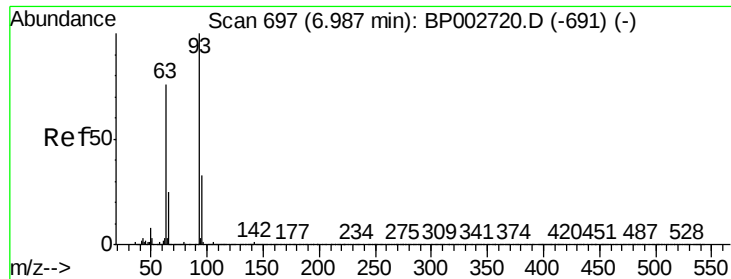
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#10
Phenol
Concen: 3.807 ng
RT: 6.78 min Scan# 662
Delta R.T. 0.00 min
Lab File: BP002729.D
Acq: 13 Jul 2020 11:07

Tgt Ion	Ion	Ratio	Lower	Upper
94	100			
65	28.7	7.0	47.0	
66	42.9	13.7	53.7	





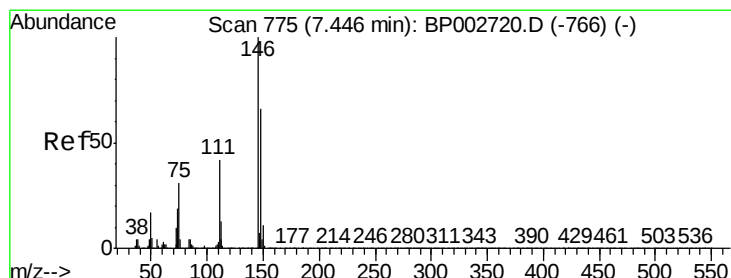
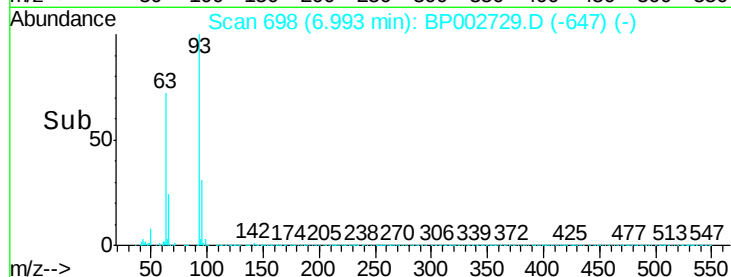
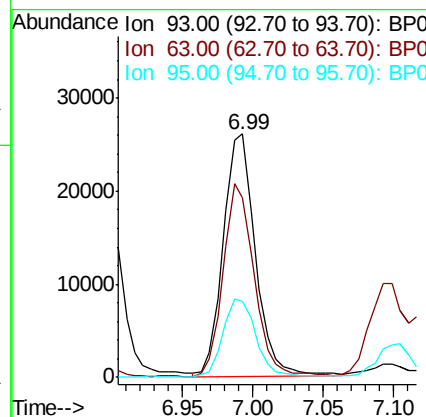
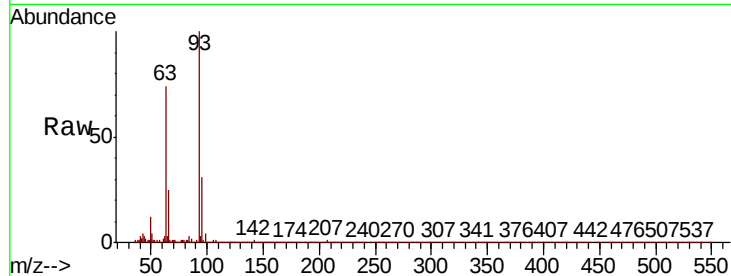
#11
bis(2-Chloroethyl)ether
Concen: 3.666 ng
RT: 6.99 min Scan# 698
Delta R.T. 0.00 min
Lab File: BP002729.D
Acq: 13 Jul 2020 11:07

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2020

Tot Ion	Ratio	Lower	Upper
93	100		
63	73.6	55.1	95.1
95	31.1	12.7	52.7

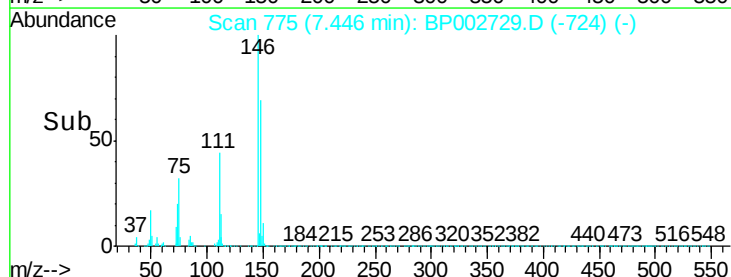
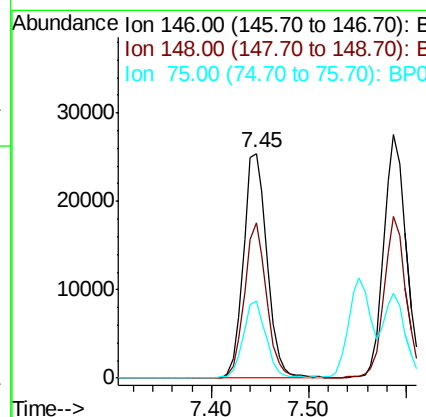
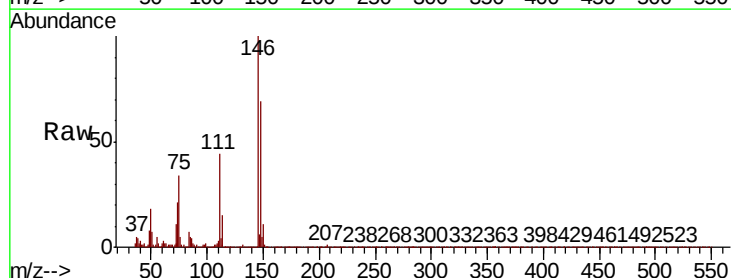
Manual Integrations
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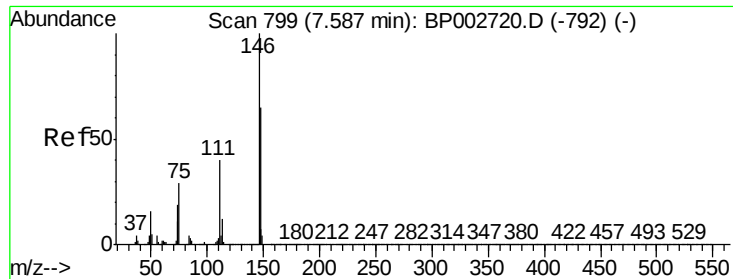
mohammad
7/14/2020 12:02:22 PM



#12
1,3-Dichlorobenzene
Concen: 3.601 ng
RT: 7.45 min Scan# 775
Delta R.T. 0.00 min
Lab File: BP002729.D
Acq: 13 Jul 2020 11:07

Tgt Ion	Ratio	Lower	Upper
146	100		
148	69.1	52.6	78.8
75	34.2	25.2	37.8





#13

1,4-Dichlorobenzene

Concen: 3.679 ng

RT: 7.59 min Scan# 799

Delta R.T. 0.00 min

Lab File: BP002729.D

Acq: 13 Jul 2020 11:07

Instrument :

BNA_P

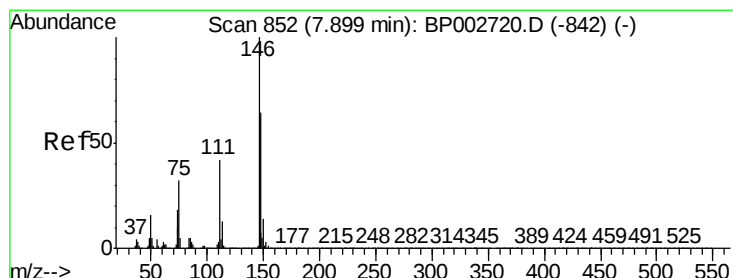
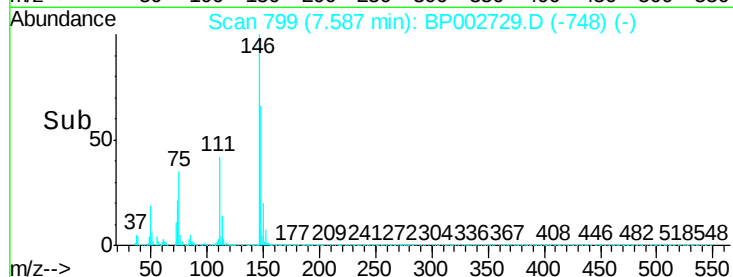
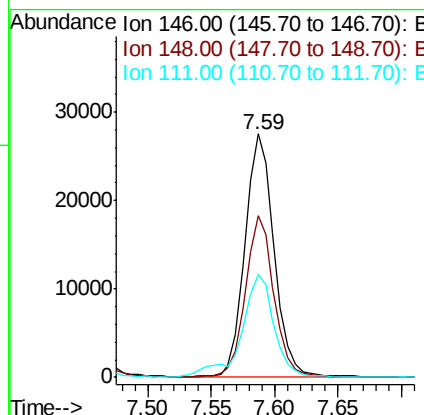
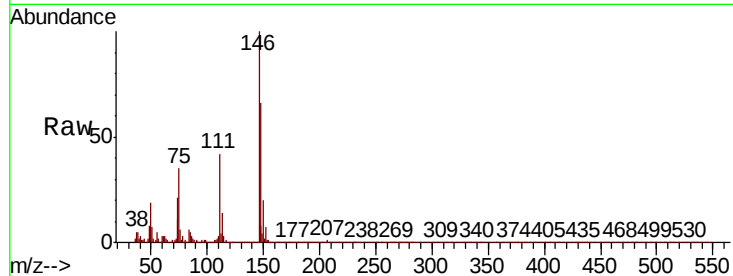
ClientSampleId :

LOD-MDL-SOIL-01-QT3-2020

Tot Ion:	146	Resp:	43629
Ion Ratio	Lower	Upper	
146	100		
148	66.4	52.1	78.1
111	42.1	32.2	48.2

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 3.747 ng

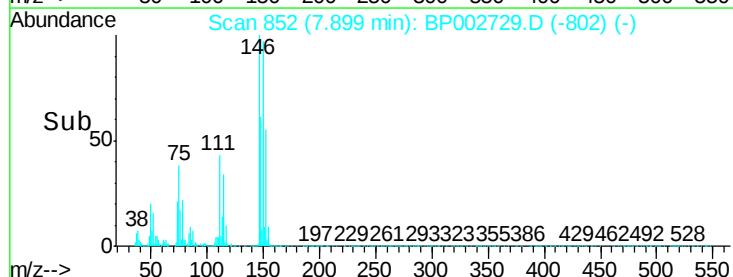
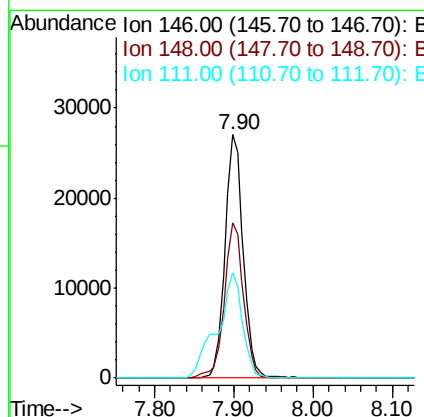
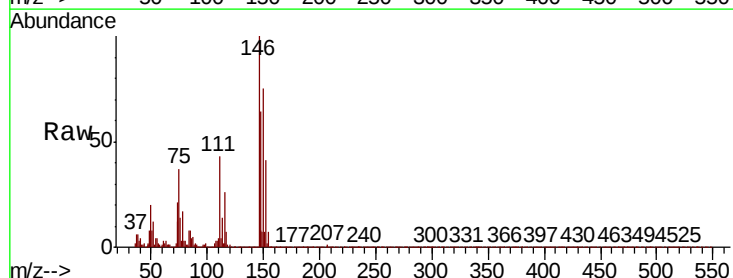
RT: 7.90 min Scan# 852

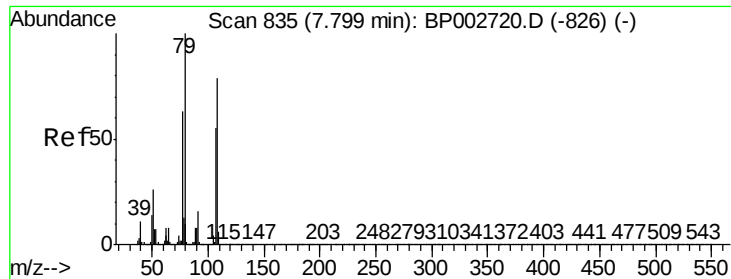
Delta R.T. -0.01 min

Lab File: BP002729.D

Acq: 13 Jul 2020 11:07

Tgt Ion:	146	Resp:	42850
Ion Ratio	Lower	Upper	
146	100		
148	63.8	51.0	76.6
111	43.4	33.9	50.9





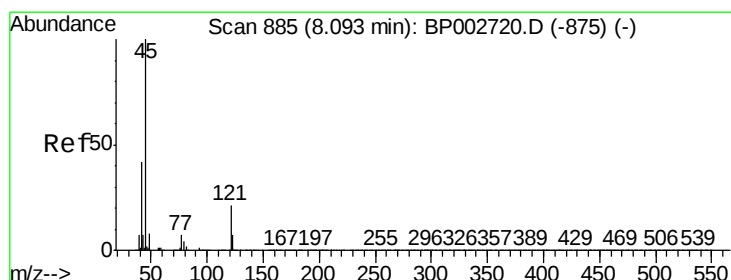
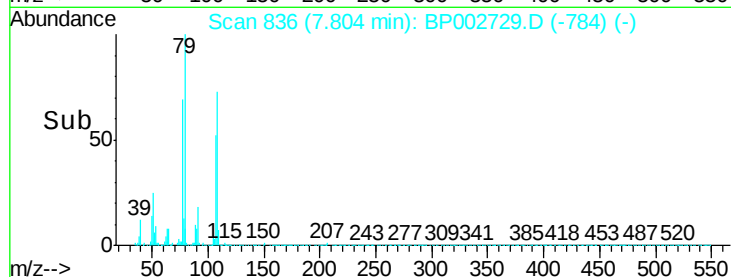
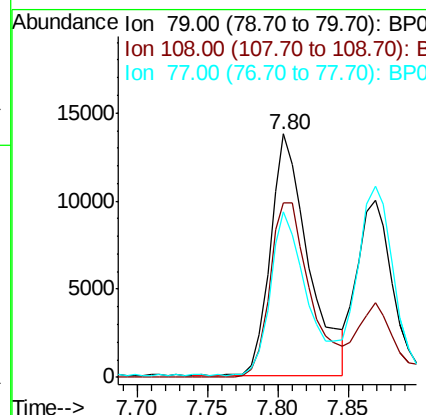
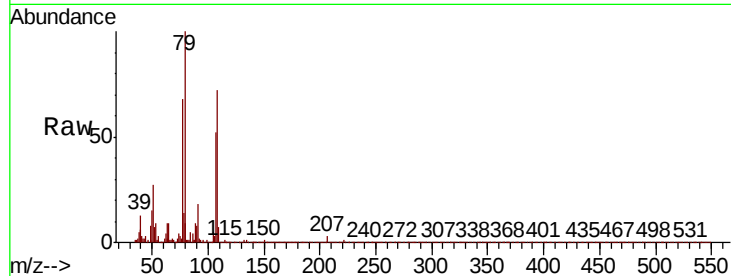
#15
Benzyl Alcohol
Concen: 2.913 ng
RT: 7.80 min Scan# 836
Delta R.T. 0.01 min
Lab File: BP002729.D
Acq: 13 Jul 2020 11:07

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2020

Tot Ion	Ratio	Lower	Upper
79	100		
108	71.5	63.1	94.7
77	68.0	50.8	76.2

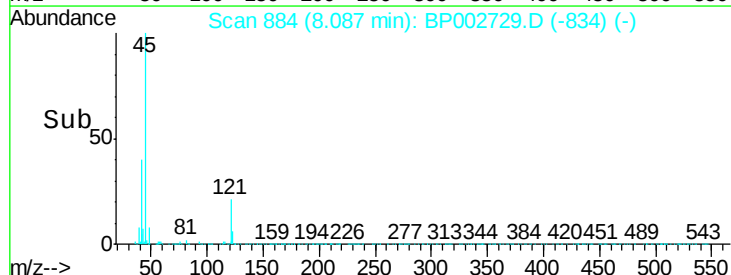
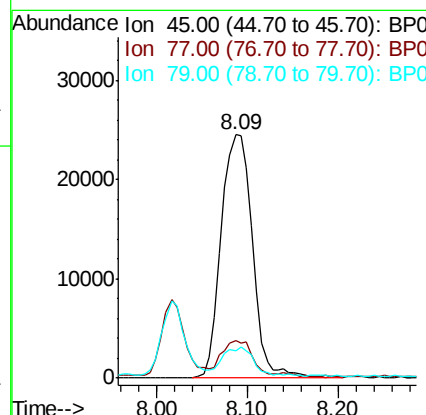
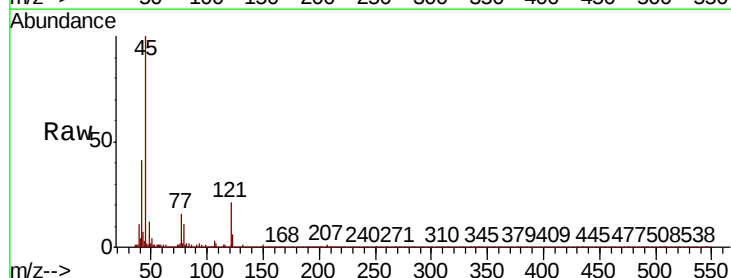
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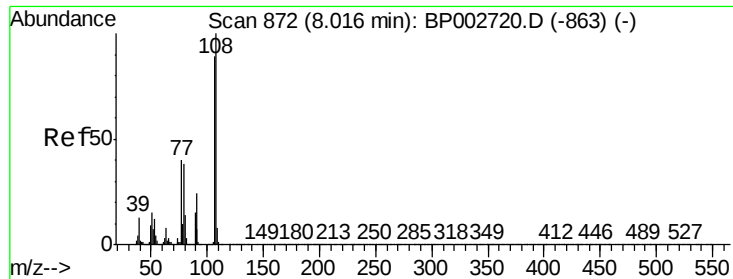
mohammad
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 3.652 ng
RT: 8.09 min Scan# 884
Delta R.T. -0.01 min
Lab File: BP002729.D
Acq: 13 Jul 2020 11:07

Tgt Ion	Ratio	Lower	Upper
45	100		
77	15.6	0.0	34.8
79	11.2	0.0	31.6





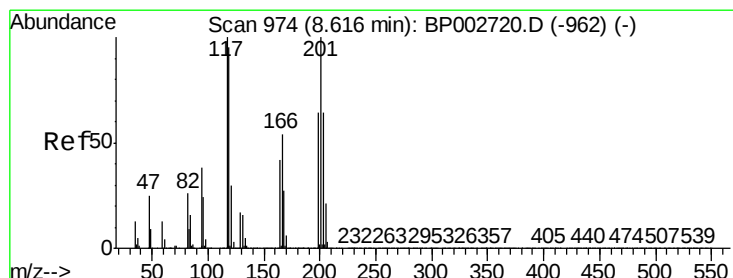
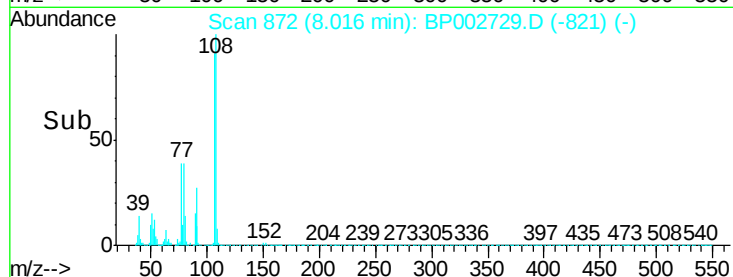
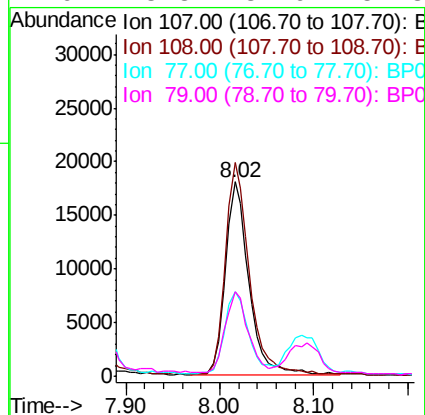
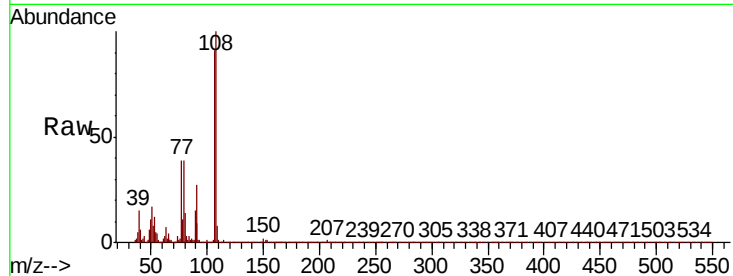
#17
2-Methylphenol
Concen: 3.238 ng
RT: 8.02 min Scan# 872
Delta R.T. 0.00 min
Lab File: BP002729.D
Acq: 13 Jul 2020 11:07

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2020

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	110.0	89.9	134.9	
77	43.4	36.6	54.8	
79	43.3	34.9	52.3	

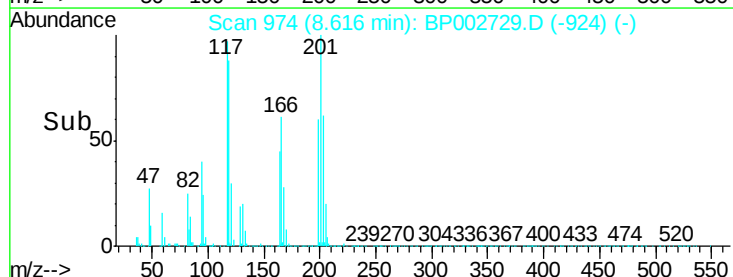
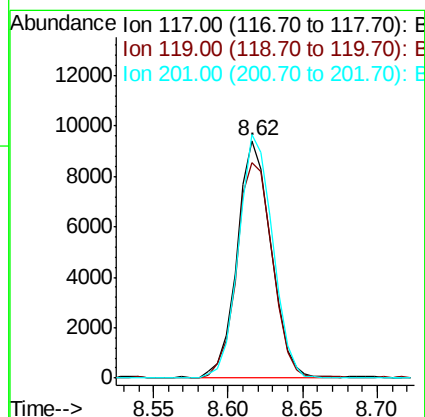
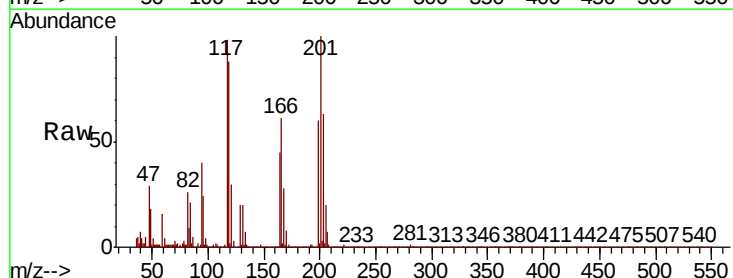
Manual Integrations
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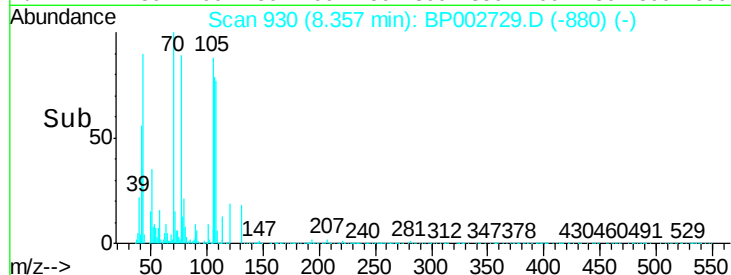
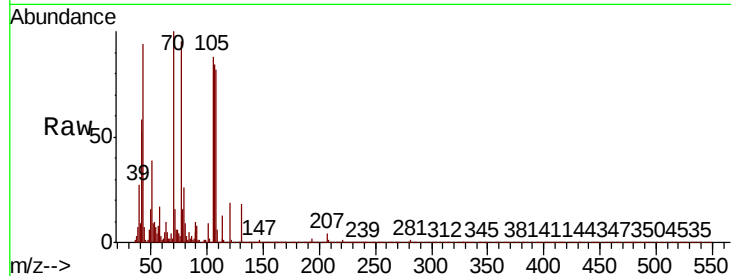
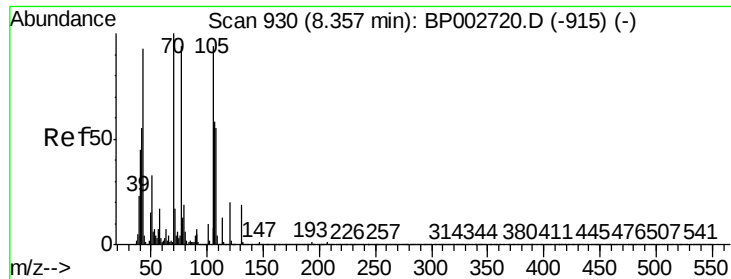
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#18
Hexachloroethane
Concen: 3.541 ng
RT: 8.62 min Scan# 974
Delta R.T. -0.01 min
Lab File: BP002729.D
Acq: 13 Jul 2020 11:07

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	90.5	76.6	115.0	
201	102.5	80.3	120.5	





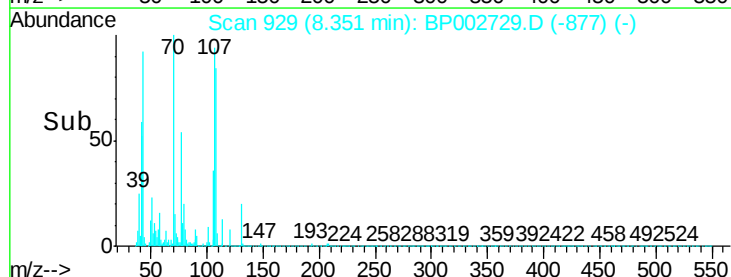
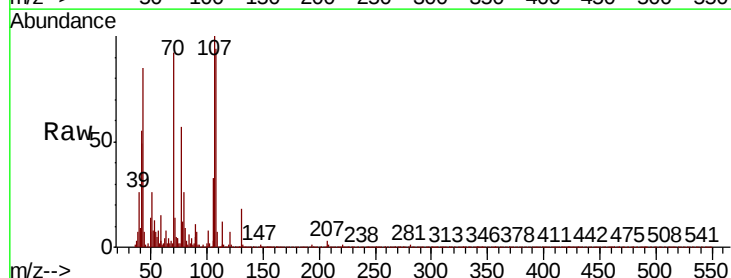
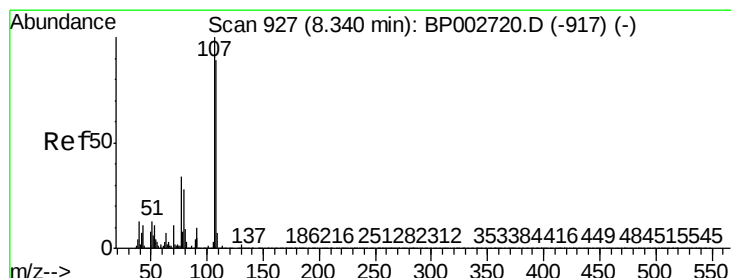
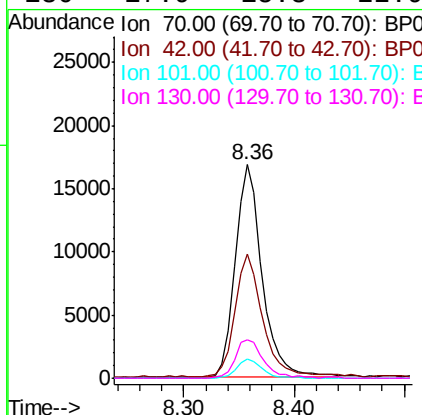
#19
n-Nitroso-di-n-propylamine
Concen: 3.608 ng
RT: 8.36 min Scan# 930
Delta R.T. -0.01 min
Lab File: BP002729.D
Acq: 13 Jul 2020 11:07

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2020

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	58.1	44.2	66.4	
101	9.2	7.7	11.5	
130	17.9	15.3	22.9	

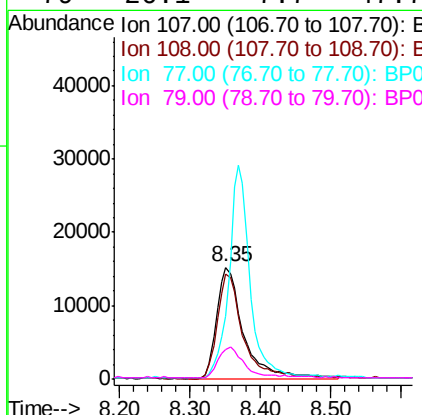
Manual Integrations
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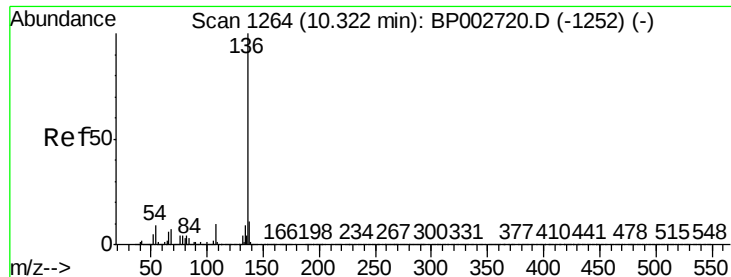
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#20
3+4-Methylphenols
Concen: 3.126 ng
RT: 8.35 min Scan# 929
Delta R.T. 0.01 min
Lab File: BP002729.D
Acq: 13 Jul 2020 11:07

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	93.8	69.5	109.5	
77	56.5	14.3	54.3#	
79	26.1	7.7	47.7	





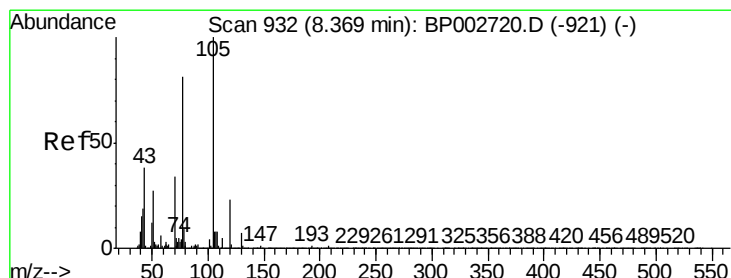
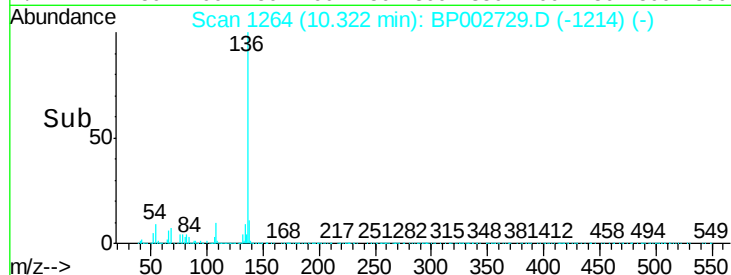
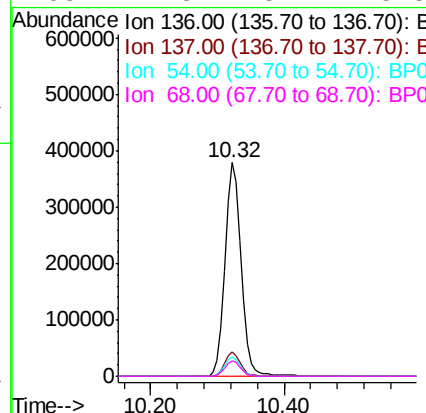
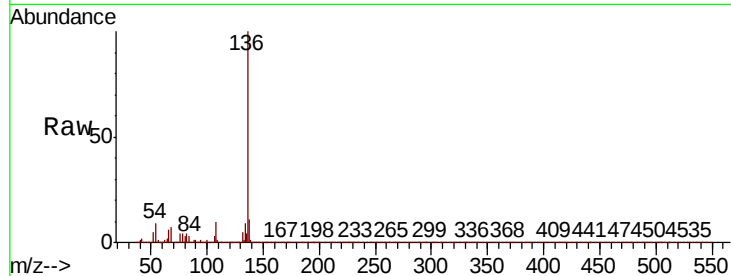
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.32 min Scan# 1264
Delta R.T. -0.01 min
Lab File: BP002729.D
Acq: 13 Jul 2020 11:07

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2020

Tot Ion	Ratio	Resp	Lower	Upper
136	100	650426		
137	11.3	8.6	13.0	
54	9.1	6.9	10.3	
68	7.3	5.7	8.5	

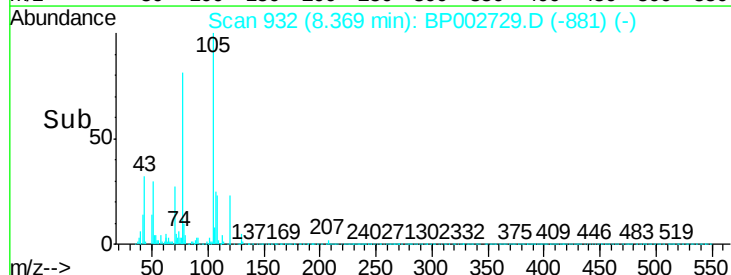
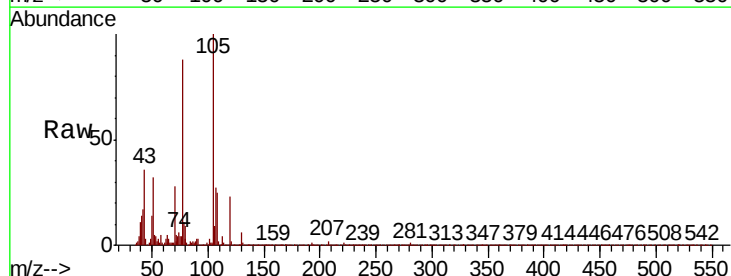
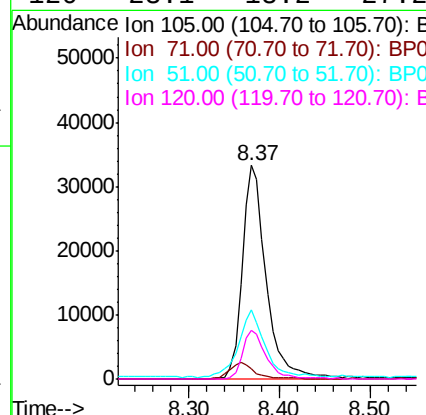
Manual Integrations
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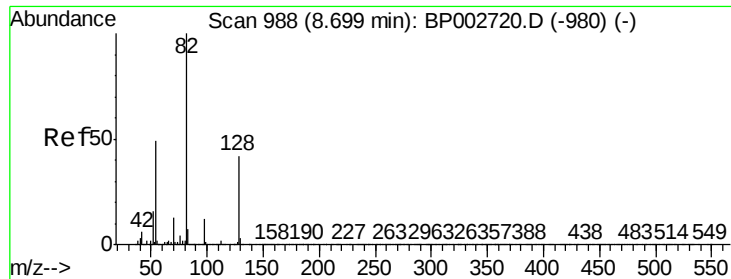
mohammad
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#22
Acetophenone
Concen: 3.771 ng
RT: 8.37 min Scan# 932
Delta R.T. 0.00 min
Lab File: BP002729.D
Acq: 13 Jul 2020 11:07

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	60472		
71	4.8	4.4	6.6	
51	32.5	21.8	32.8	
120	23.1	18.2	27.2	





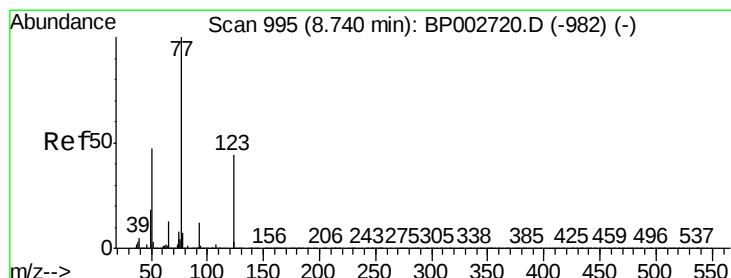
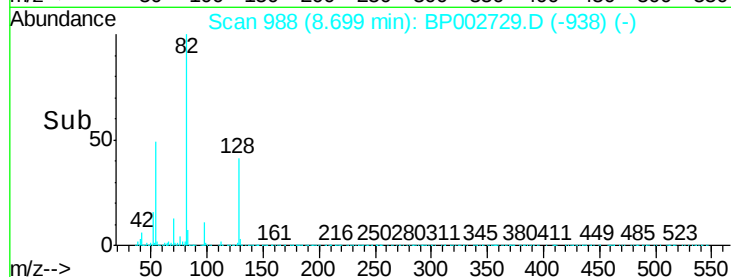
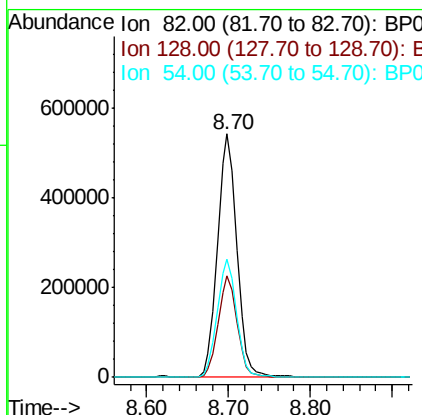
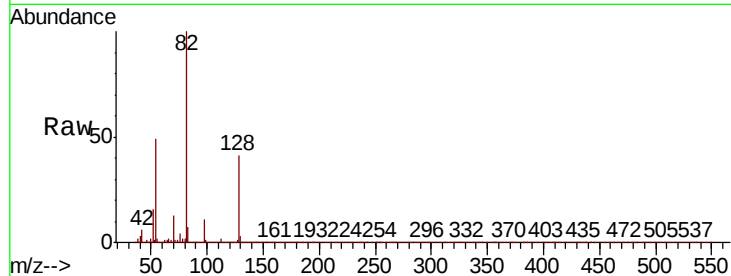
#23
Nitrobenzene-d5
Concen: 74.121 ng
RT: 8.70 min Scan# 988
Delta R.T. -0.01 min
Lab File: BP002729.D
Acq: 13 Jul 2020 11:07

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2020

Tot Ion	82	Resp	901405
Ion Ratio	Lower	Upper	
82	100		
128	41.5	33.8	50.8
54	48.6	38.8	58.2

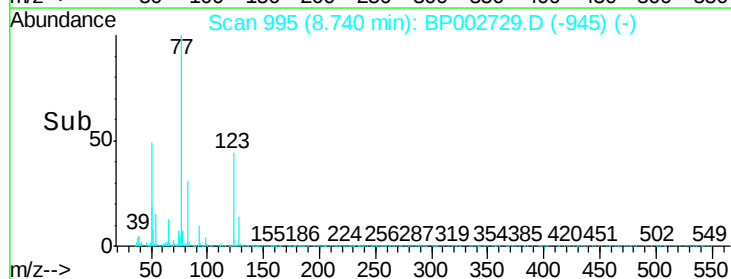
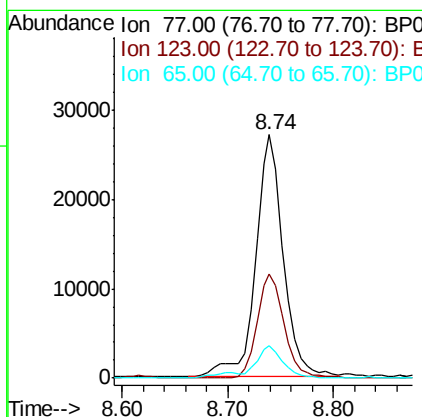
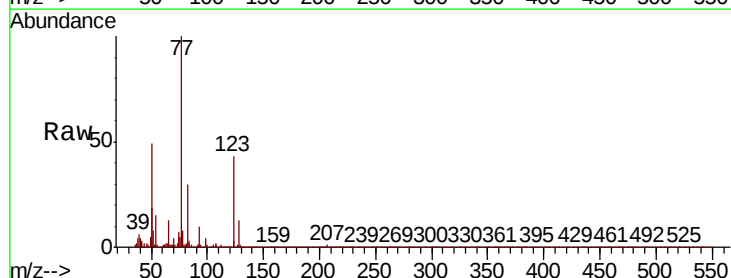
Manual Integrations
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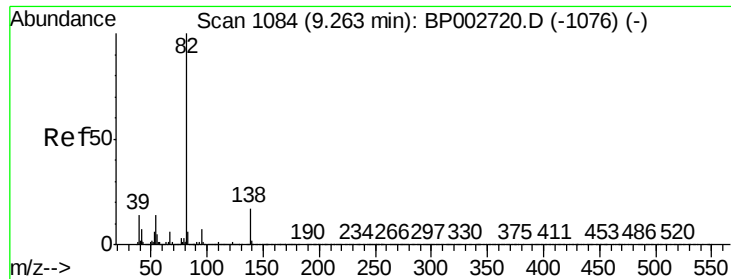
mohammad
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#24
Nitrobenzene
Concen: 3.780 ng
RT: 8.74 min Scan# 995
Delta R.T. -0.01 min
Lab File: BP002729.D
Acq: 13 Jul 2020 11:07

Tgt Ion	77	Resp	49783
Ion Ratio	Lower	Upper	
77	100		
123	42.6	35.0	52.6
65	13.2	10.4	15.6





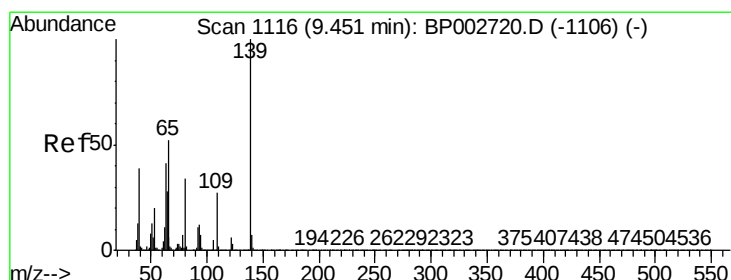
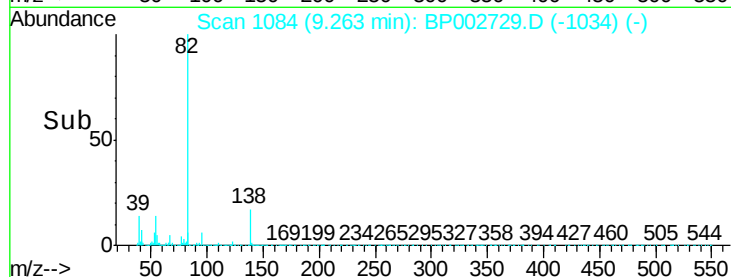
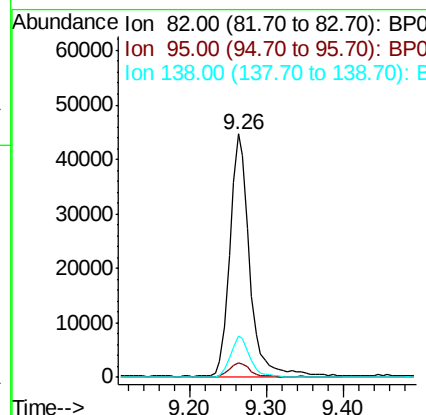
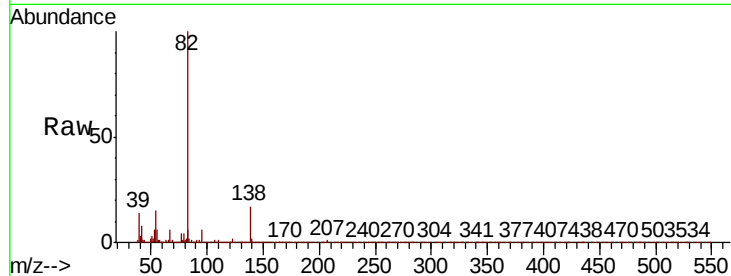
#25
Isophorone
Concen: 3.196 ng
RT: 9.26 min Scan# 1084
Delta R.T. -0.01 min
Lab File: BP002729.D
Acq: 13 Jul 2020 11:07

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2020

Tot Ion	82	Resp	79216
Ion Ratio	Lower	Upper	
82	100		
95	5.8	5.2	7.8
138	16.8	13.2	19.8

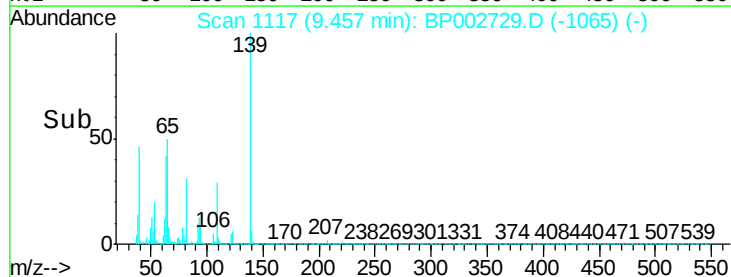
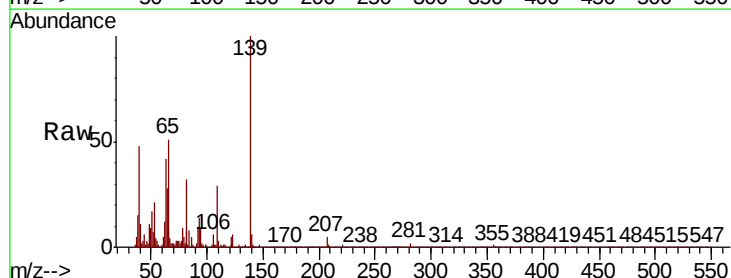
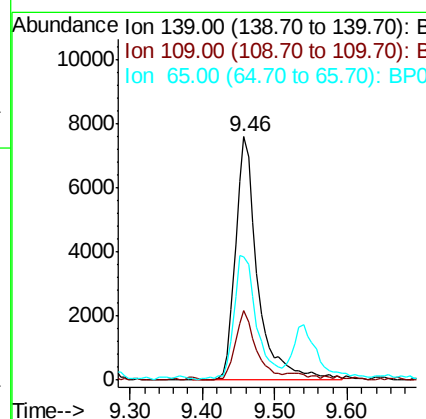
Manual Integrations
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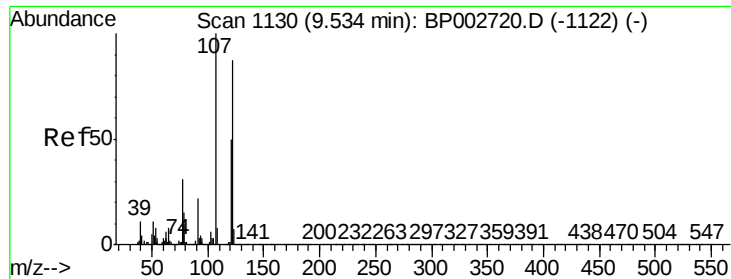
mohammad
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#26
2-Nitrophenol
Concen: 2.859 ng
RT: 9.46 min Scan# 1117
Delta R.T. 0.01 min
Lab File: BP002729.D
Acq: 13 Jul 2020 11:07

Tgt Ion	139	Resp	16265
Ion Ratio	Lower	Upper	
139	100		
109	28.7	21.9	32.9
65	50.7	41.3	61.9





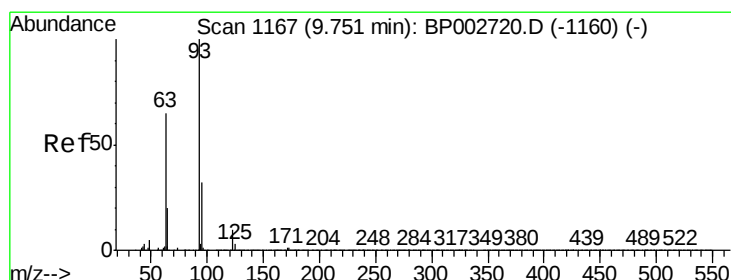
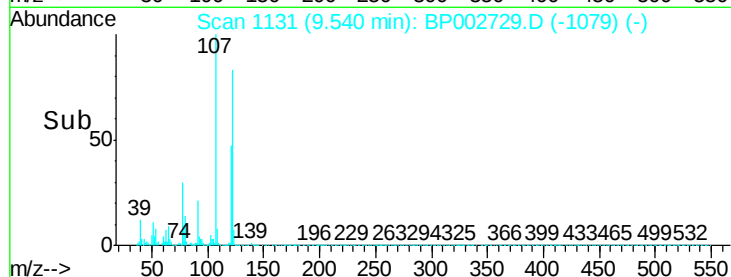
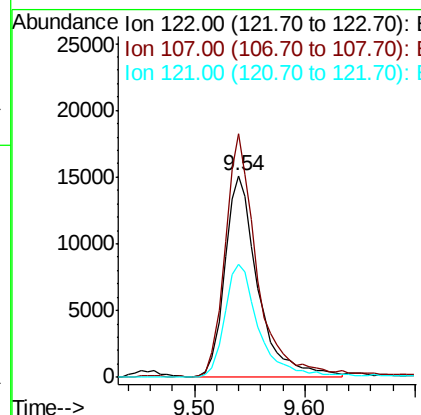
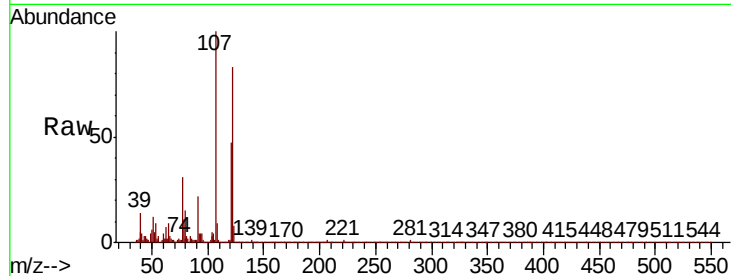
#27
2,4-Dimethylphenol
Concen: 3.403 ng
RT: 9.54 min Scan# 1131
Delta R.T. 0.01 min
Lab File: BP002729.D
Acq: 13 Jul 2020 11:07

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2020

Tot Ion	Ratio	Lower	Upper
122	100		
107	120.8	92.2	138.4
121	56.4	45.8	68.6

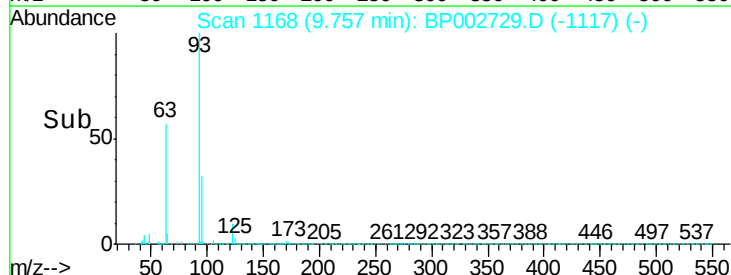
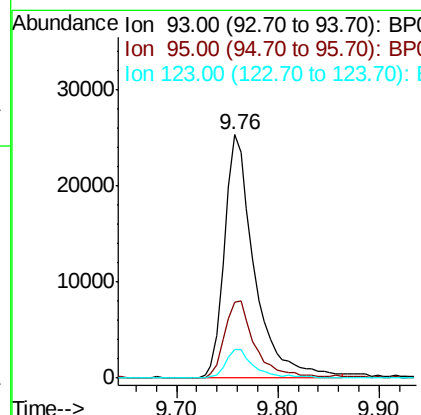
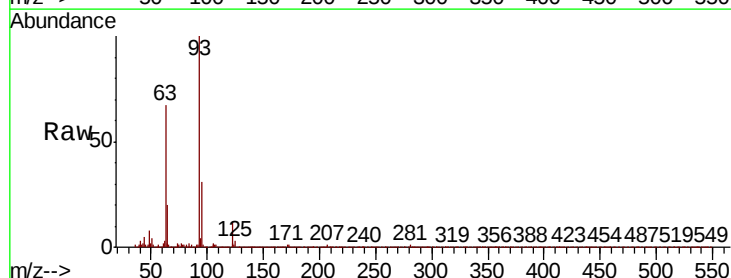
Manual Integrations
APPROVED

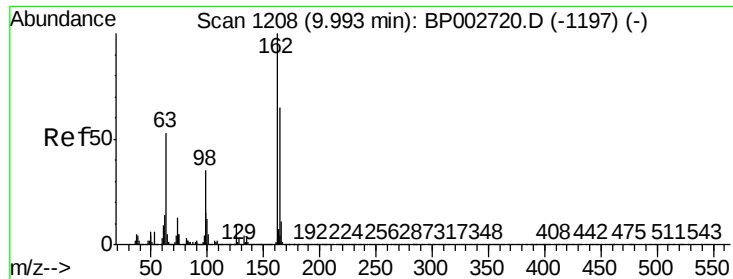
mohammad
7/14/2020 12:02:22 PM



#28
bis(2-Chloroethoxy)methane
Concen: 3.449 ng
RT: 9.76 min Scan# 1168
Delta R.T. 0.00 min
Lab File: BP002729.D
Acq: 13 Jul 2020 11:07

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.2	25.8	38.6
123	11.7	8.9	13.3





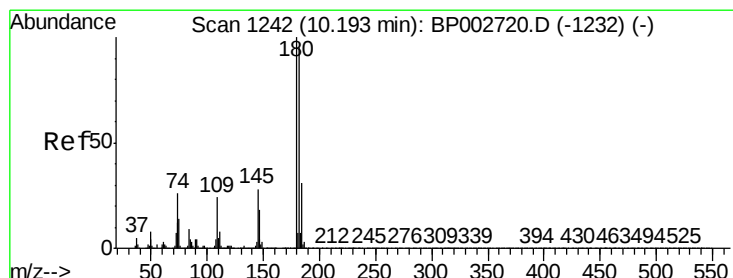
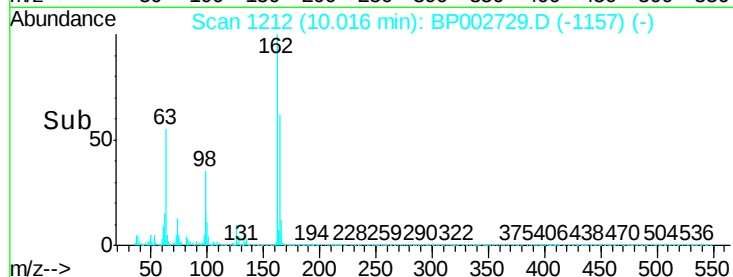
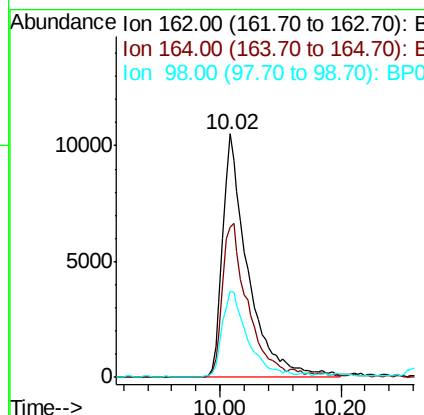
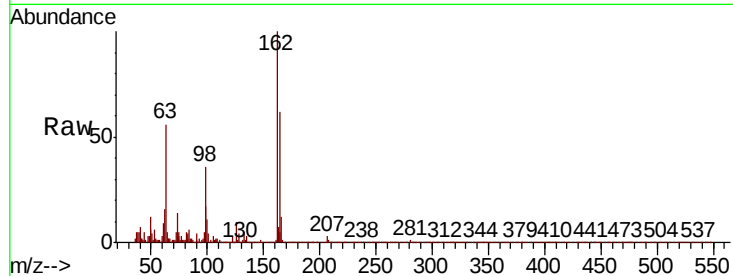
#29
2,4-Dichlorophenol
Concen: 3.009 ng
RT: 10.02 min Scan# 1212
Delta R.T. 0.02 min
Lab File: BP002729.D
Acq: 13 Jul 2020 11:07

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2020

Tot Ion:	162	Resp:	30639
Ion Ratio	Lower	Upper	
162	100		
164	61.7	44.5	84.5
98	35.6	15.2	55.2

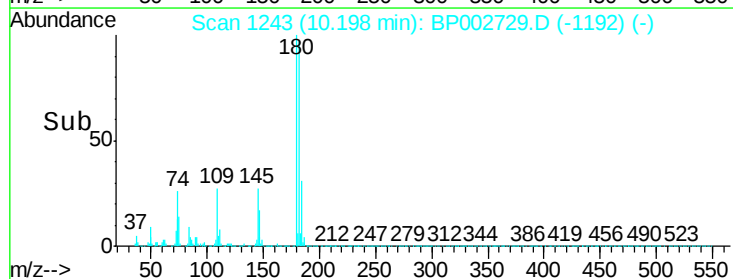
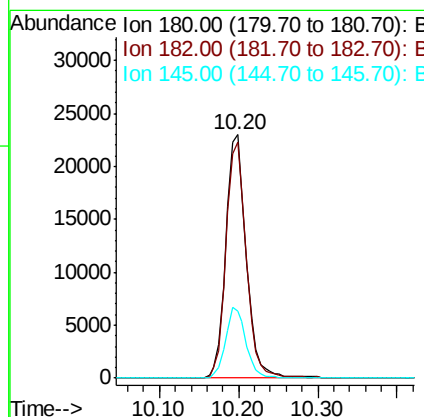
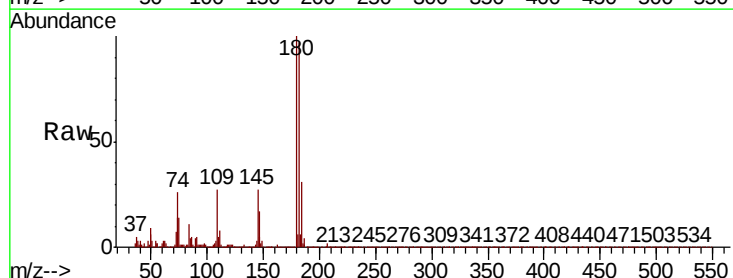
Manual Integrations
APPROVED

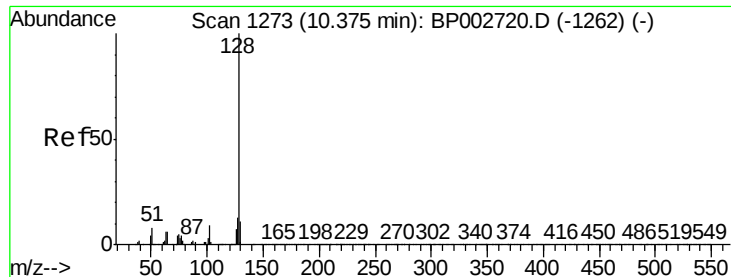
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 3.513 ng
RT: 10.20 min Scan# 1243
Delta R.T. 0.00 min
Lab File: BP002729.D
Acq: 13 Jul 2020 11:07

Tgt Ion:	180	Resp:	40974
Ion Ratio	Lower	Upper	
180	100		
182	96.9	75.8	113.6
145	27.3	22.6	34.0





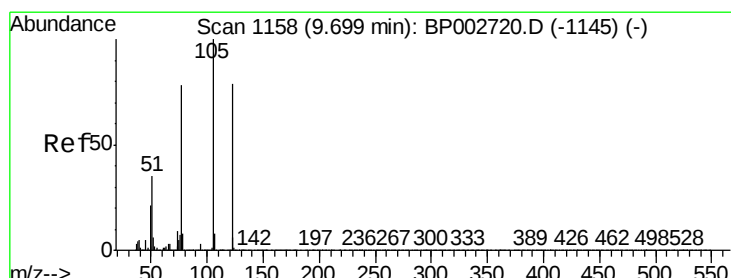
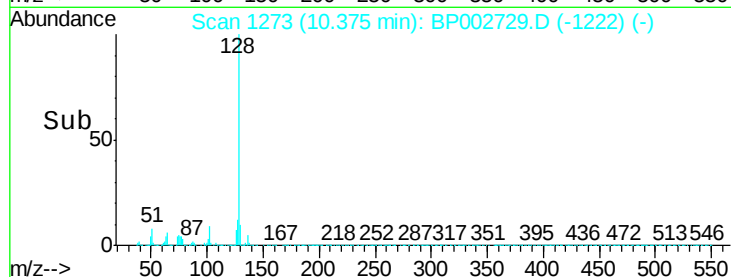
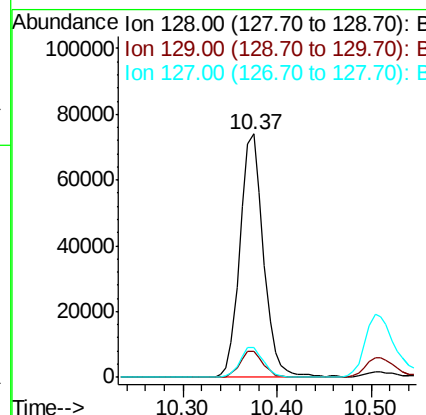
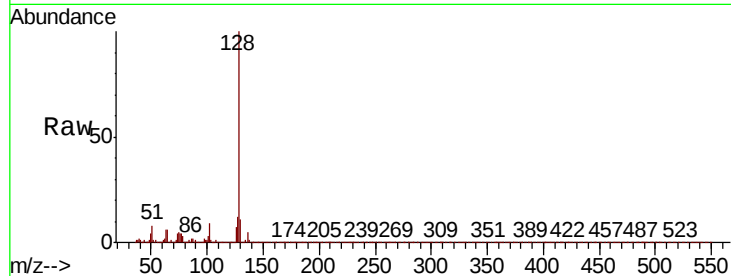
#31
Naphthalene
Concen: 3.751 ng
RT: 10.37 min Scan# 1273
Delta R.T. 0.00 min
Lab File: BP002729.D
Acq: 13 Jul 2020 11:07

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2020

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.5	8.6	13.0
127	12.5	10.6	15.8

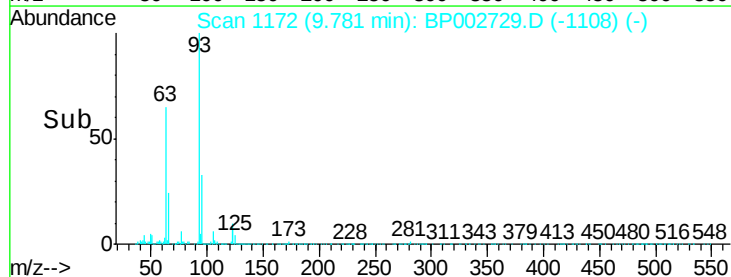
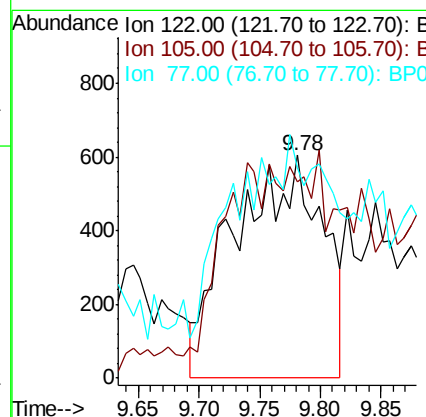
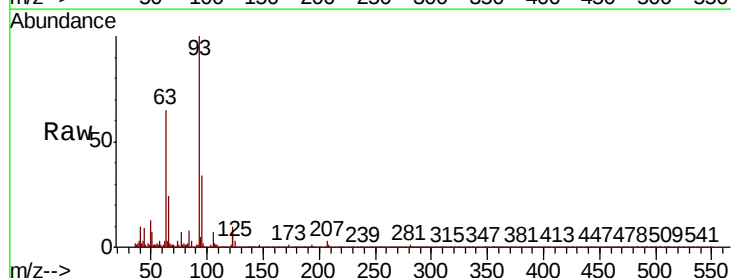
Manual Integrations
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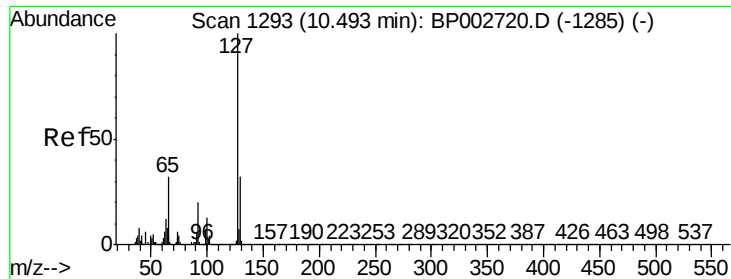
mohammad
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#32
Benzoic acid
Concen: 7.424 ng m
RT: 9.78 min Scan# 1172
Delta R.T. 0.08 min
Lab File: BP002729.D
Acq: 13 Jul 2020 11:07

Tgt Ion	Ratio	Lower	Upper
122	100		
105	88.2	105.4	145.4#
77	94.2	78.5	118.5





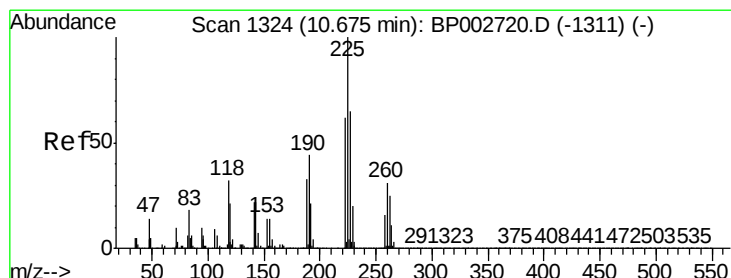
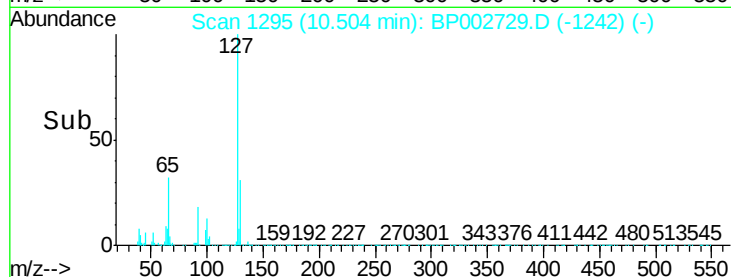
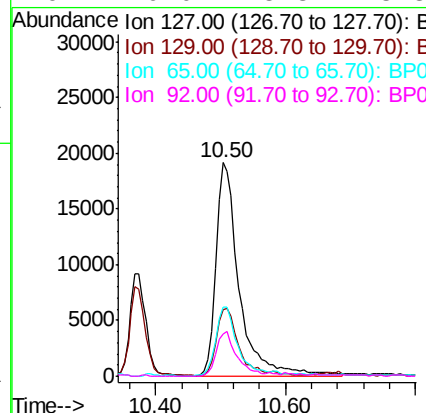
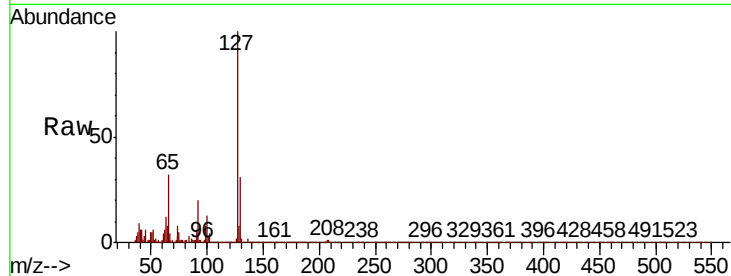
#33
4-Chloroaniline
Concen: 3.187 ng
RT: 10.50 min Scan# 1295
Delta R.T. 0.01 min
Lab File: BP002729.D
Acq: 13 Jul 2020 11:07

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2020

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.4	25.3	37.9		
65	32.4	25.4	38.2		
92	20.0	15.8	23.8		

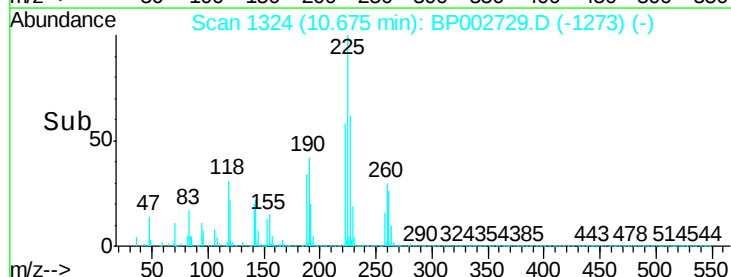
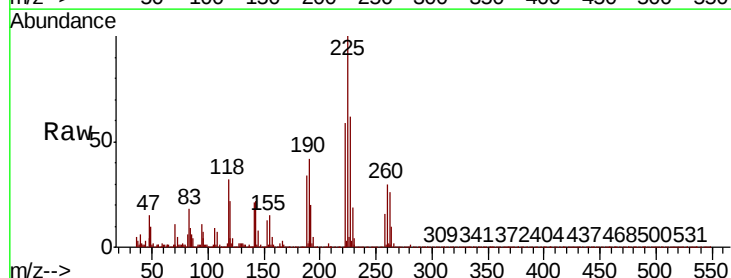
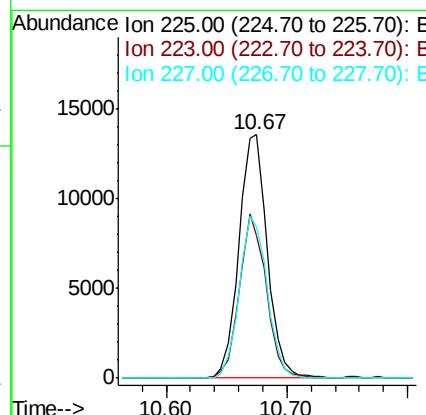
Manual Integrations
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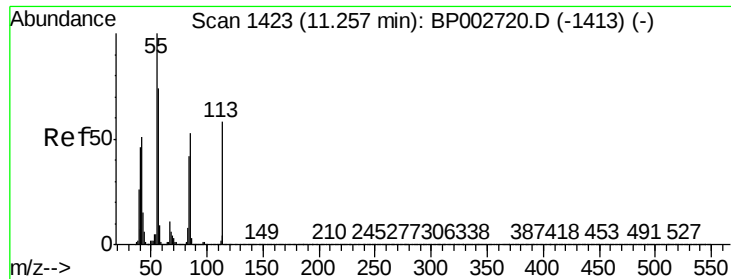
mohammad
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#34
Hexachlorobutadiene
Concen: 3.301 ng
RT: 10.67 min Scan# 1324
Delta R.T. 0.00 min
Lab File: BP002729.D
Acq: 13 Jul 2020 11:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	58.5	49.9	74.9		
227	62.0	51.8	77.6		





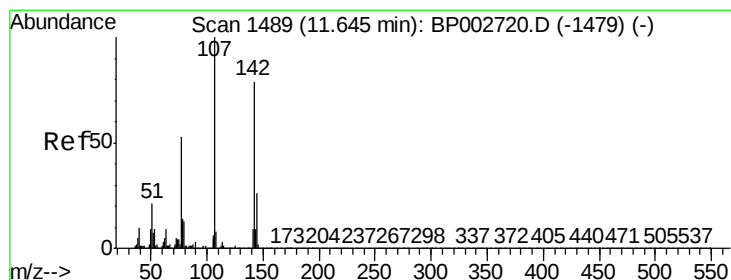
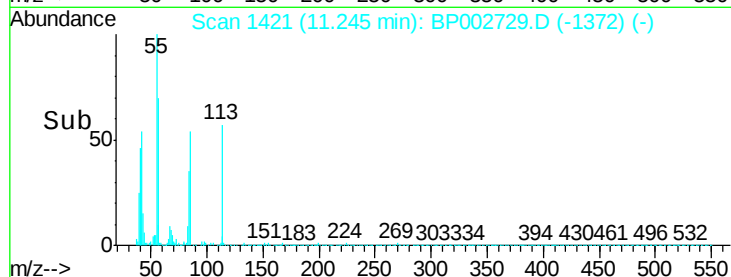
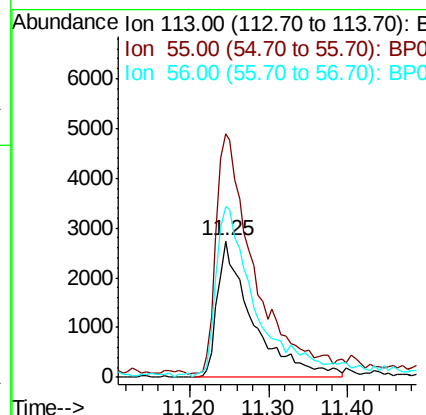
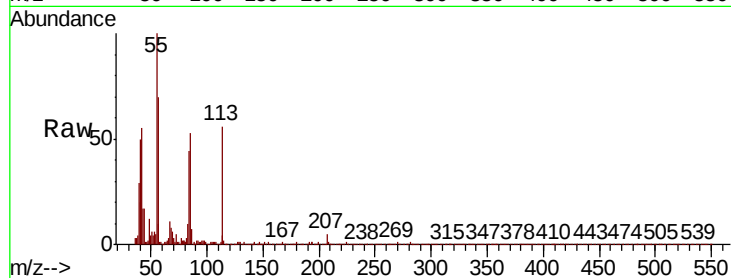
#35
Caprolactam
Concen: 2.368 ng
RT: 11.25 min Scan# 1421
Delta R.T. -0.01 min
Lab File: BP002729.D
Acq: 13 Jul 2020 11:07

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2020

Tot Ion	Ratio	Lower	Upper
113	100		
55	178.7	152.8	192.8
56	125.0	107.5	147.5

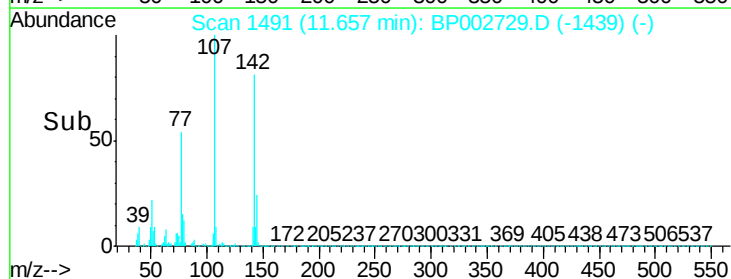
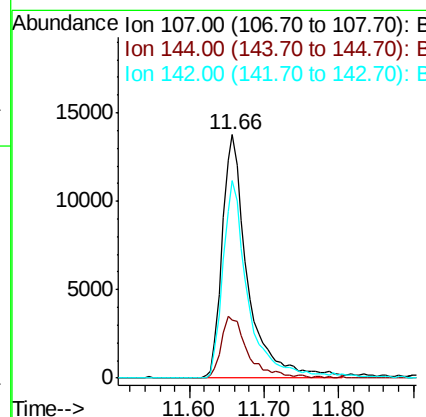
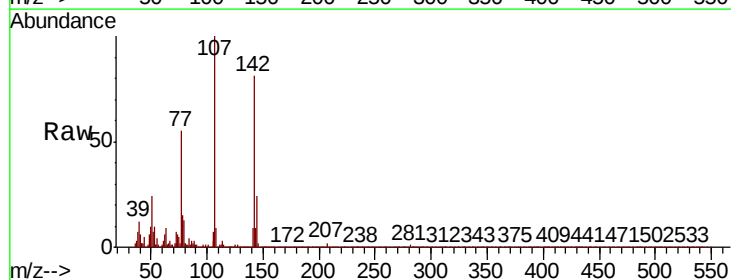
Manual Integrations
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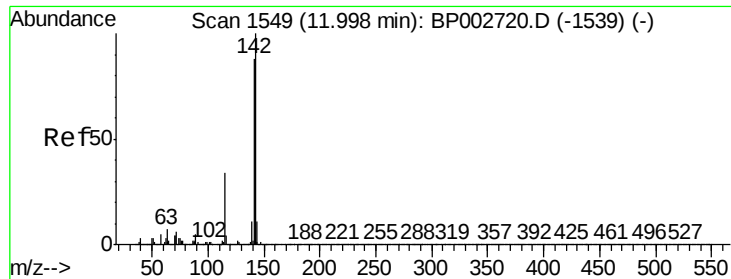
mohammad
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#36
4-Chloro-3-methylphenol
Concen: 2.968 ng
RT: 11.66 min Scan# 1491
Delta R.T. 0.01 min
Lab File: BP002729.D
Acq: 13 Jul 2020 11:07

Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.9	20.6	30.8
142	81.3	63.4	95.2





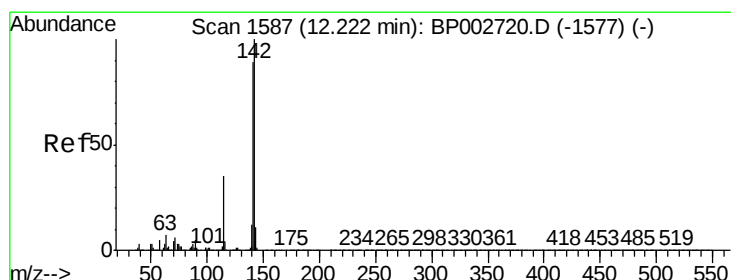
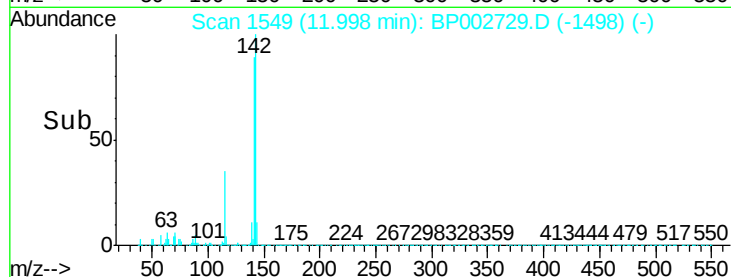
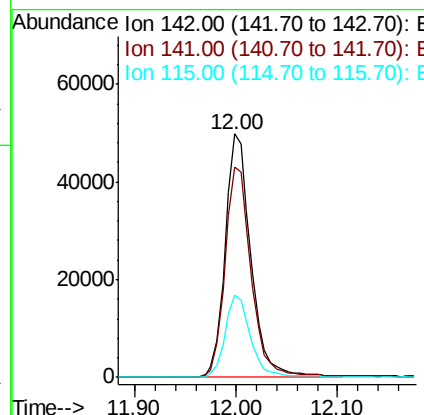
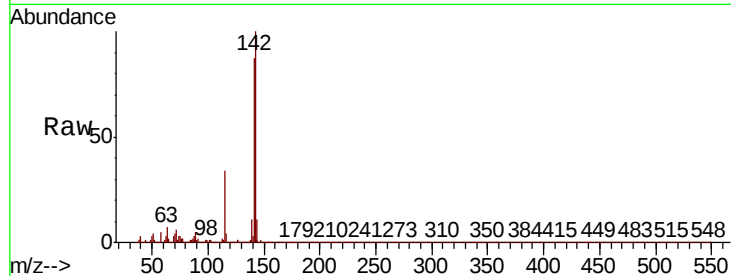
#37
2-Methylnaphthalene
Concen: 3.619 ng
RT: 12.00 min Scan# 1549
Delta R.T. 0.00 min
Lab File: BP002729.D
Acq: 13 Jul 2020 11:07

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2020

Tot Ion	Ratio	Lower	Upper
142	100		
141	86.6	70.4	105.6
115	33.8	27.0	40.6

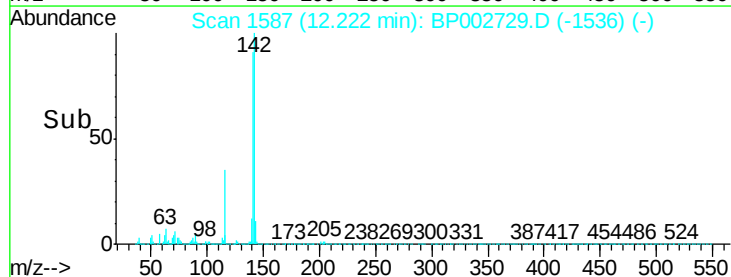
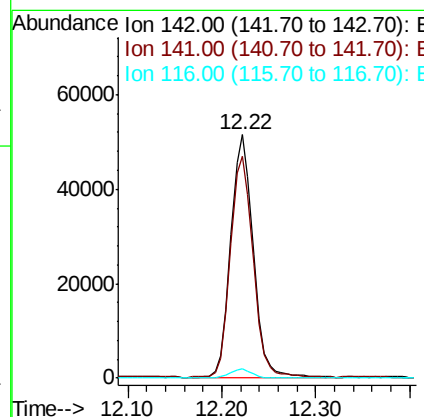
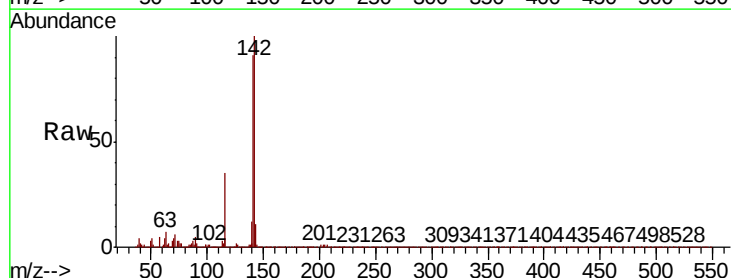
Manual Integrations
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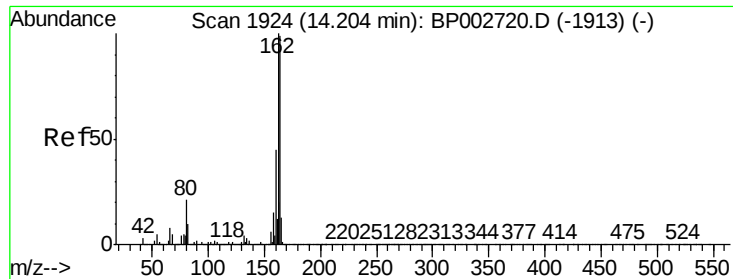
mohammad
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#38
1-Methylnaphthalene
Concen: 3.709 ng
RT: 12.22 min Scan# 1587
Delta R.T. 0.00 min
Lab File: BP002729.D
Acq: 13 Jul 2020 11:07

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.2	71.5	107.3
116	3.6	2.9	4.3





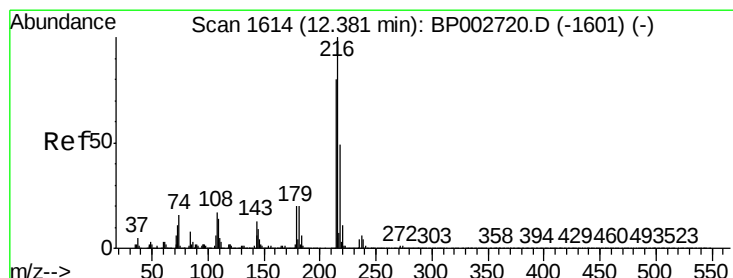
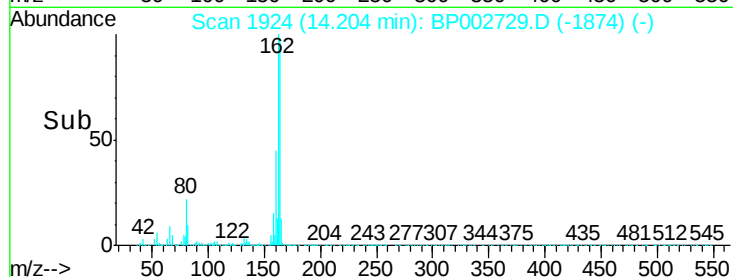
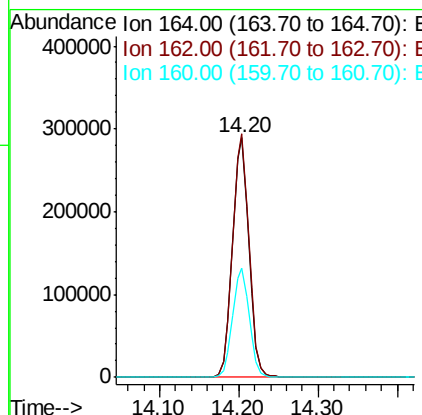
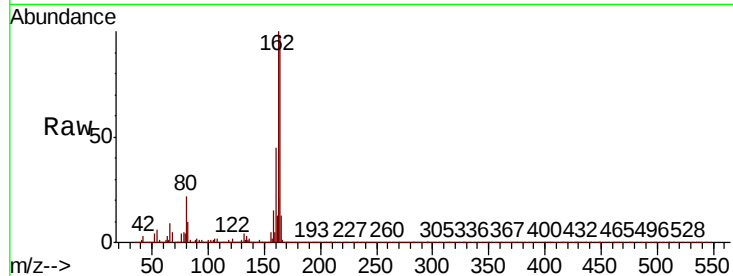
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.20 min Scan# 1924
Delta R.T. -0.01 min
Lab File: BP002729.D
Acq: 13 Jul 2020 11:07

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2020

Tot Ion:	164	Resp:	414439
Ion Ratio	Lower	Upper	
164	100		
162	101.6	80.6	121.0
160	45.7	36.4	54.6

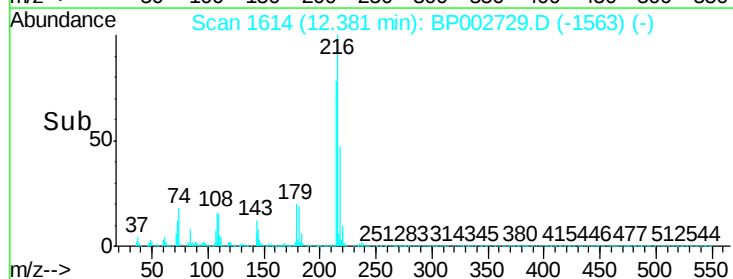
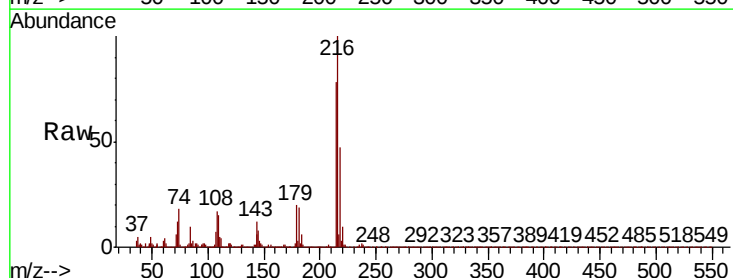
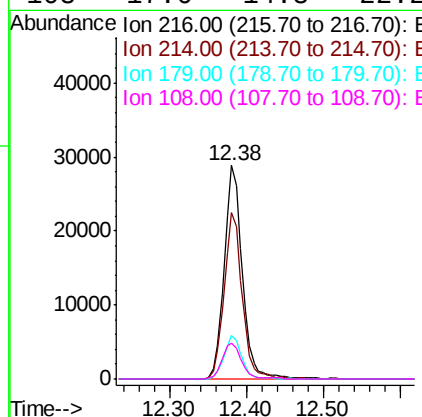
Manual Integrations
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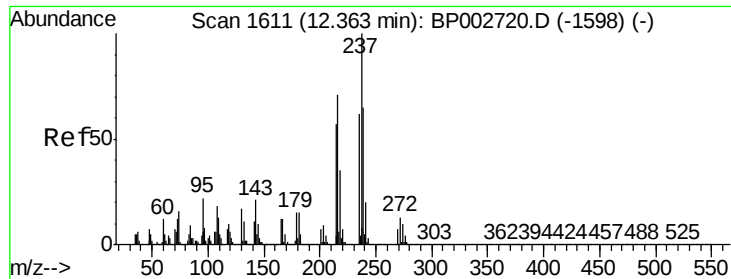
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 3.710 ng
RT: 12.38 min Scan# 1614
Delta R.T. 0.00 min
Lab File: BP002729.D
Acq: 13 Jul 2020 11:07

Tgt Ion:	216	Resp:	47255
Ion Ratio	Lower	Upper	
216	100		
214	77.8	63.4	95.2
179	19.8	16.2	24.2
108	17.6	14.8	22.2





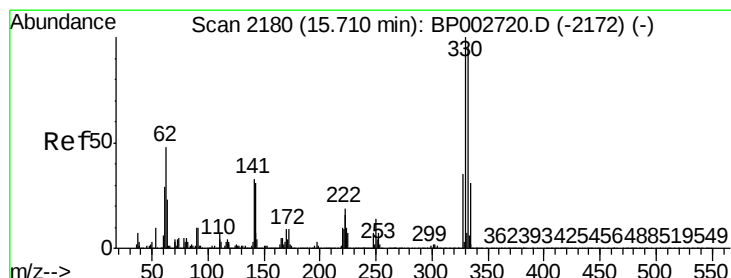
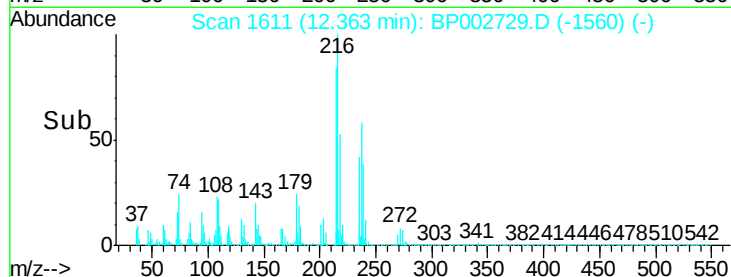
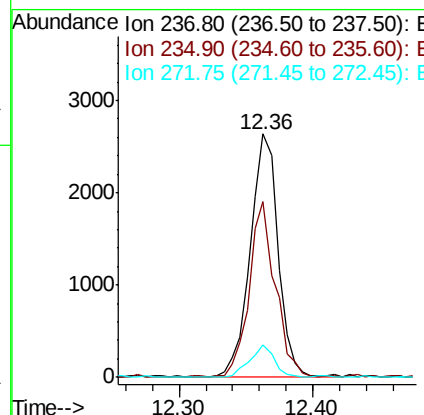
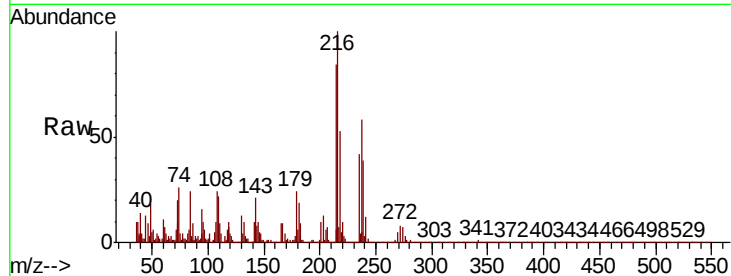
#41
Hexachlorocyclopentadiene
Concen: 8.045 ng
RT: 12.36 min Scan# 1611
Delta R.T. 0.00 min
Lab File: BP002729.D
Acq: 13 Jul 2020 11:07

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2020

Tot Ion	Ratio	Lower	Upper
237	100		
235	72.1	42.3	82.3
272	13.2	0.0	32.5

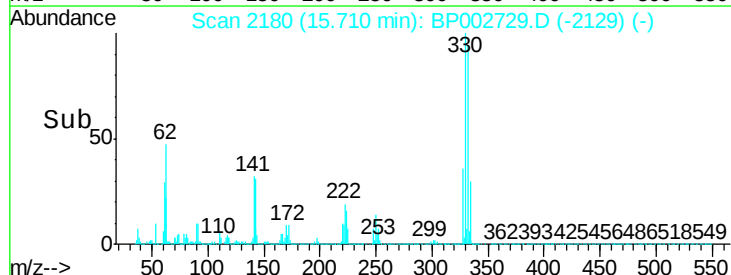
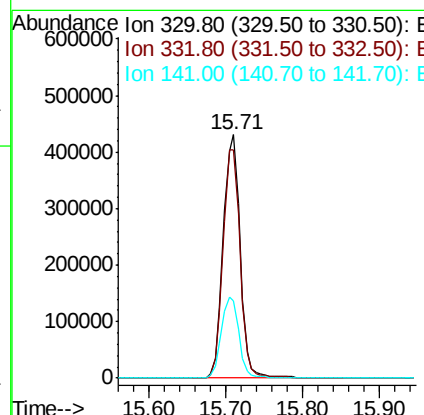
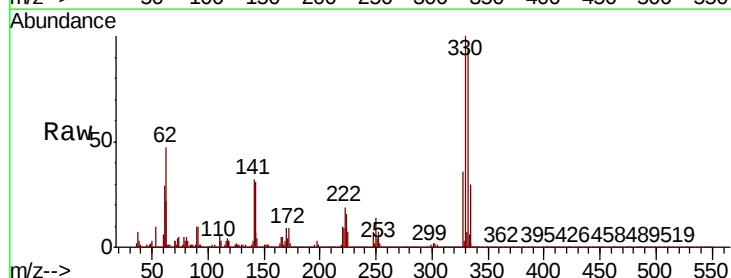
Manual Integrations
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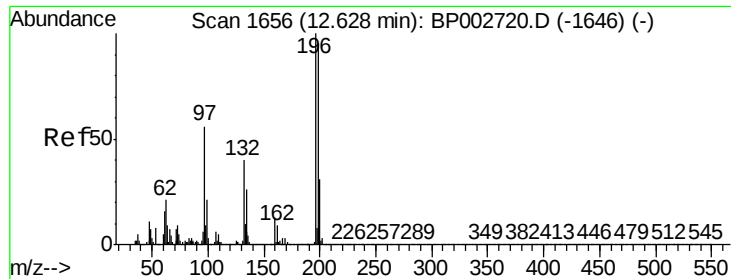
mohammad
7/14/2020 12:02:22 PM



#42
2,4,6-Tribromophenol
Concen: 151.633 ng
RT: 15.71 min Scan# 2180
Delta R.T. 0.00 min
Lab File: BP002729.D
Acq: 13 Jul 2020 11:07

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.6	76.5	114.7
141	34.6	28.8	43.2





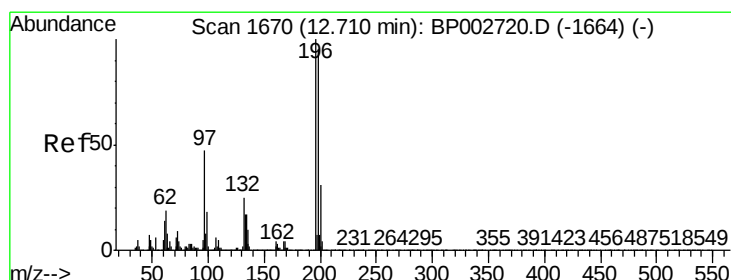
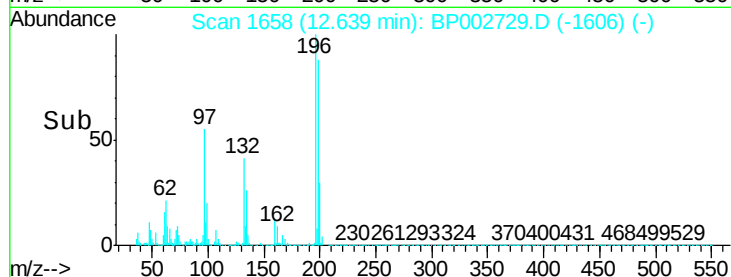
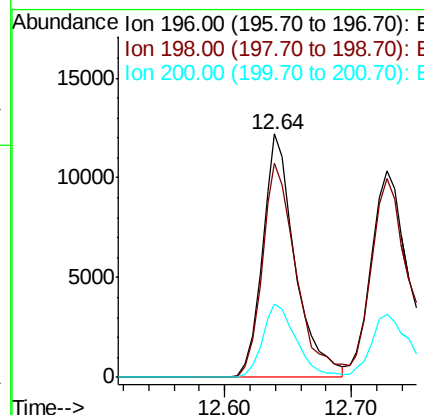
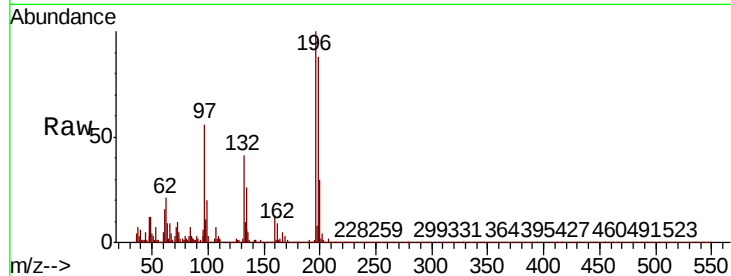
#43
2,4,6-Trichlorophenol
Concen: 2.669 ng
RT: 12.64 min Scan# 1658
Delta R.T. 0.01 min
Lab File: BP002729.D
Acq: 13 Jul 2020 11:07

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2020

Tot Ion	Ratio	Lower	Upper
196	100		
198	88.0	75.8	113.6
200	30.2	24.5	36.7

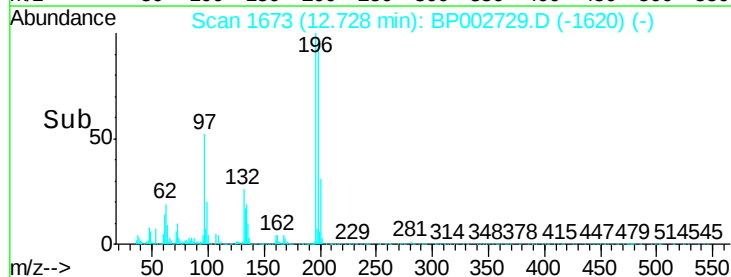
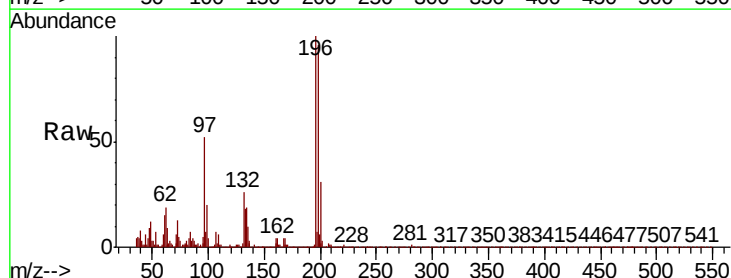
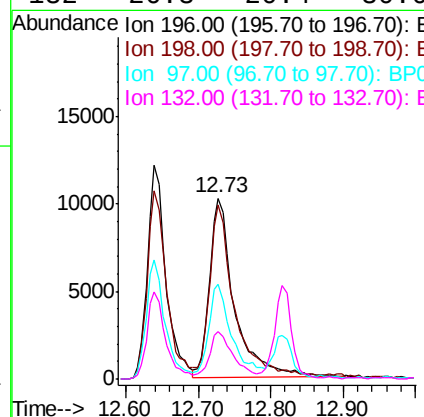
Manual Integrations
APPROVED

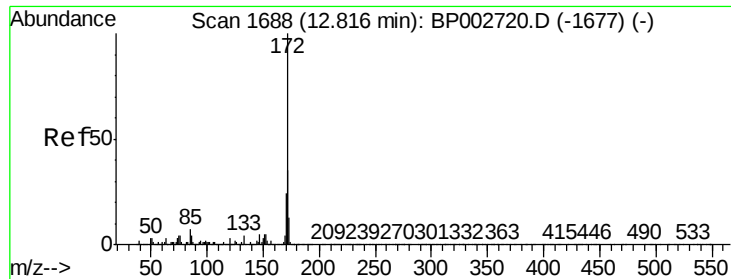
mohammad
7/14/2020 12:02:22 PM



#44
2,4,5-Trichlorophenol
Concen: 2.593 ng
RT: 12.73 min Scan# 1673
Delta R.T. 0.01 min
Lab File: BP002729.D
Acq: 13 Jul 2020 11:07

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.4	75.8	113.6
97	52.4	38.0	57.0
132	26.3	20.4	30.6





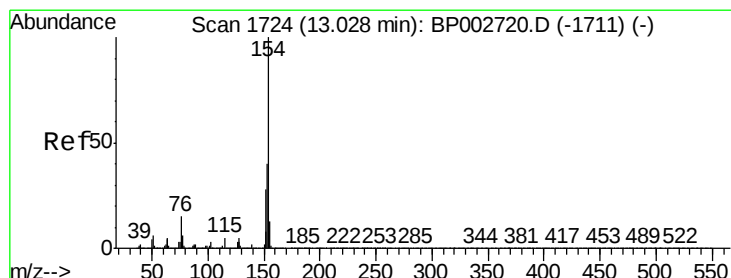
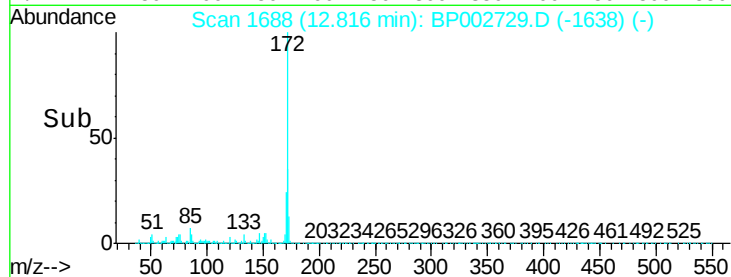
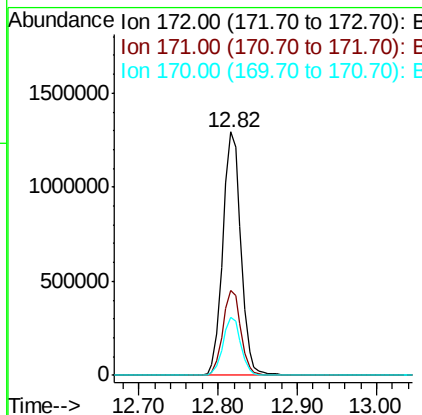
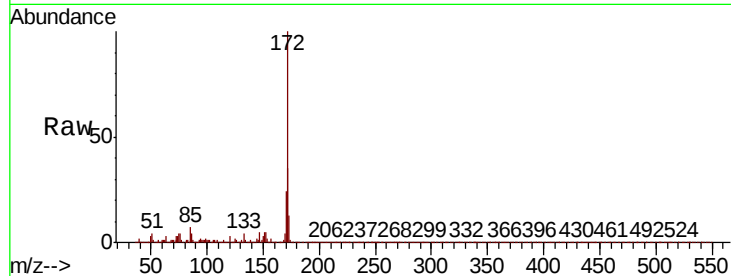
#45
2-Fluorobiphenyl
Concen: 76.246 ng
RT: 12.82 min Scan# 1688
Delta R.T. -0.01 min
Lab File: BP002729.D
Acq: 13 Jul 2020 11:07

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2020

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.1	42.1
170	23.8	19.3	28.9

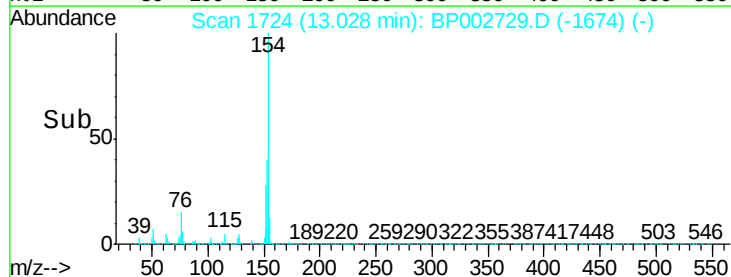
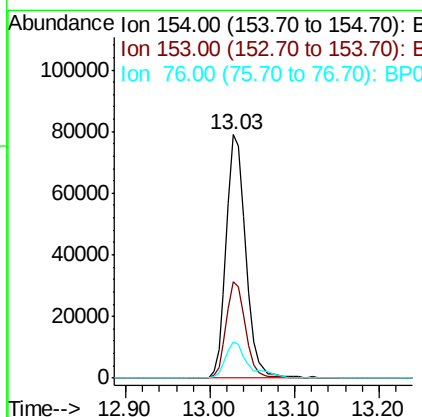
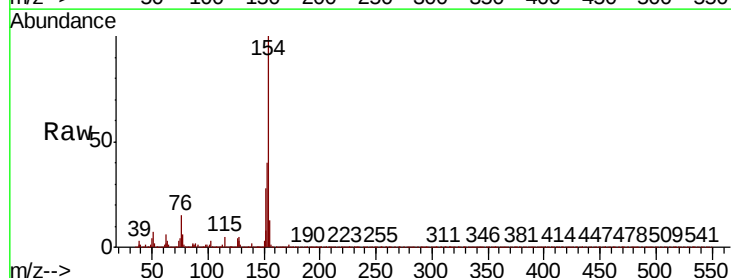
Manual Integrations
APPROVED

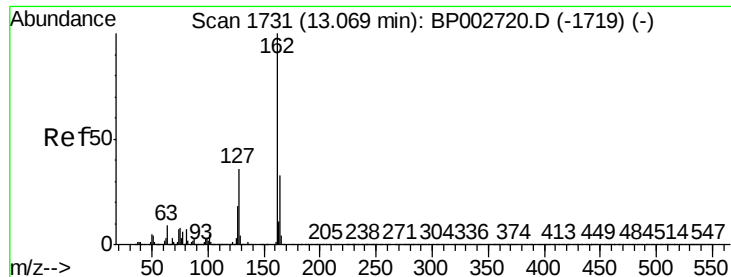
mohammad
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#46
1,1'-Biphenyl
Concen: 4.077 ng
RT: 13.03 min Scan# 1724
Delta R.T. -0.01 min
Lab File: BP002729.D
Acq: 13 Jul 2020 11:07

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.8	19.8	59.8
76	14.8	0.0	34.7





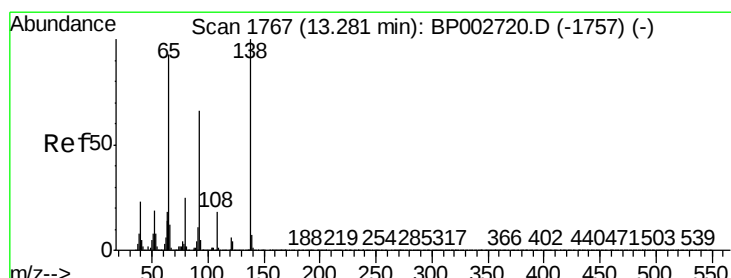
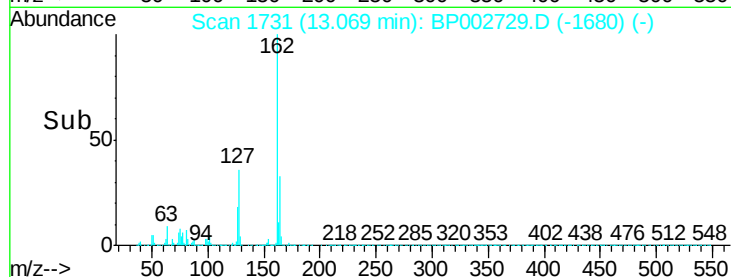
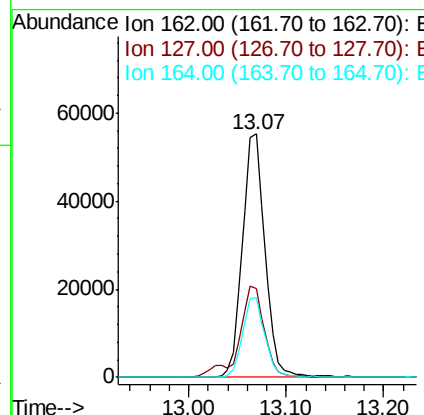
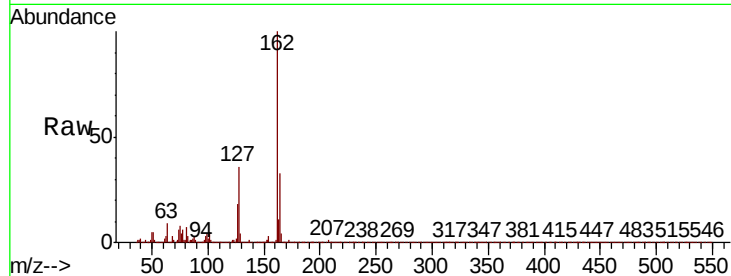
#47
2-Chloronaphthalene
Concen: 3.558 ng
RT: 13.07 min Scan# 1731
Delta R.T. 0.00 min
Lab File: BP002729.D
Acq: 13 Jul 2020 11:07

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2020

Tot Ion	Ratio	Lower	Upper
162	100		
127	36.3	29.0	43.4
164	32.6	26.8	40.2

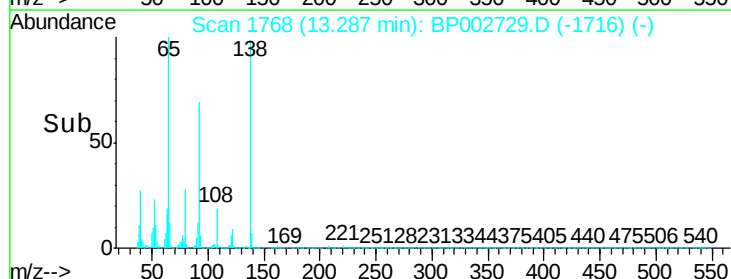
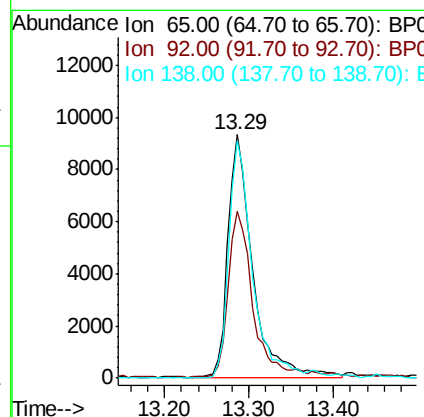
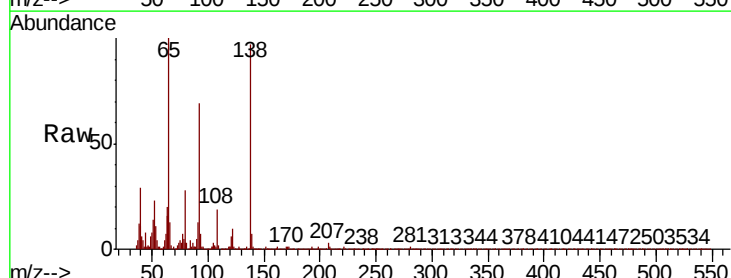
Manual Integrations
APPROVED

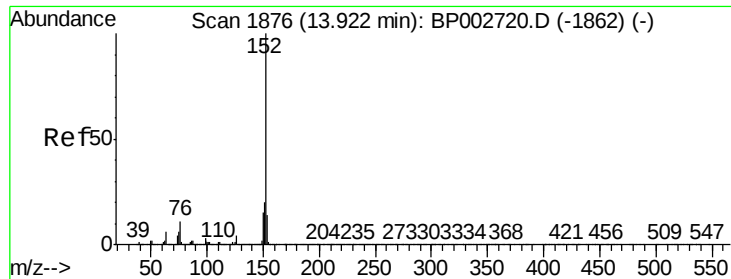
mohammad
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#48
2-Nitroaniline
Concen: 2.425 ng
RT: 13.29 min Scan# 1768
Delta R.T. 0.01 min
Lab File: BP002729.D
Acq: 13 Jul 2020 11:07

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.6	57.0	85.6
138	97.4	86.0	129.0





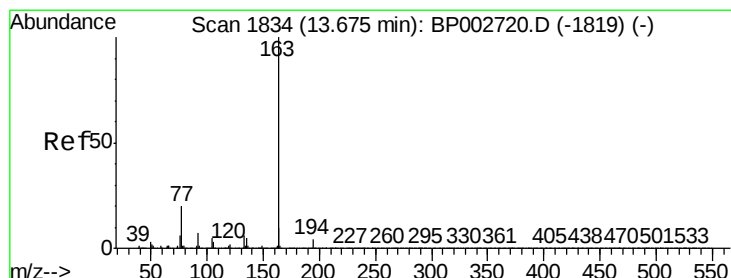
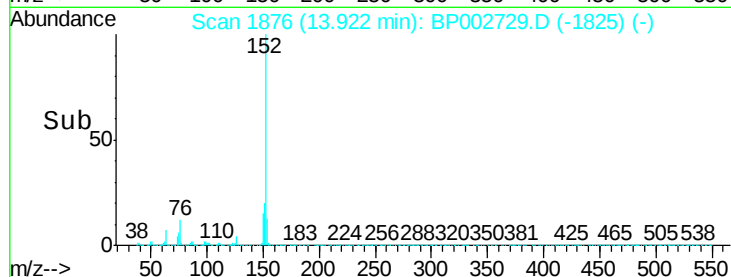
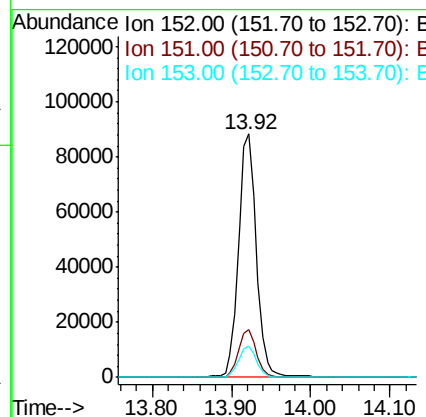
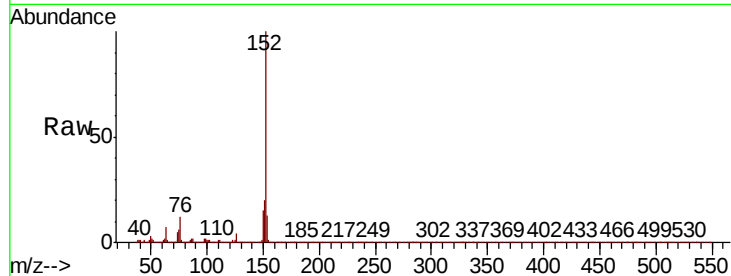
#49
Acenaphthylene
Concen: 3.483 ng
RT: 13.92 min Scan# 1876
Delta R.T. 0.00 min
Lab File: BP002729.D
Acq: 13 Jul 2020 11:07

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2020

Tot Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.2	24.4
153	12.8	10.9	16.3

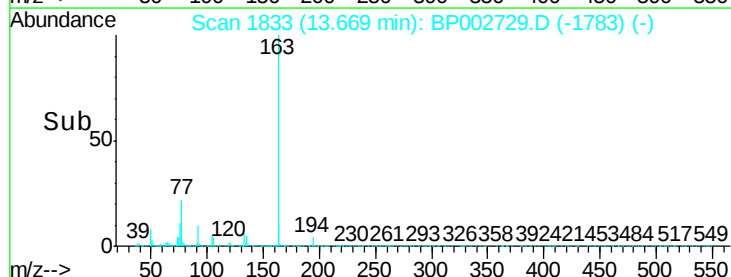
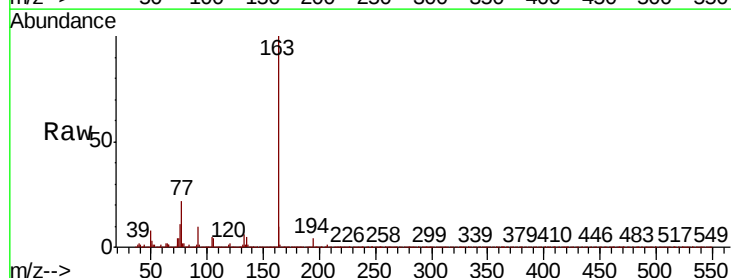
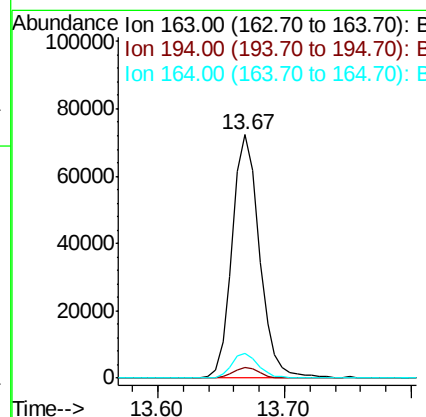
Manual Integrations
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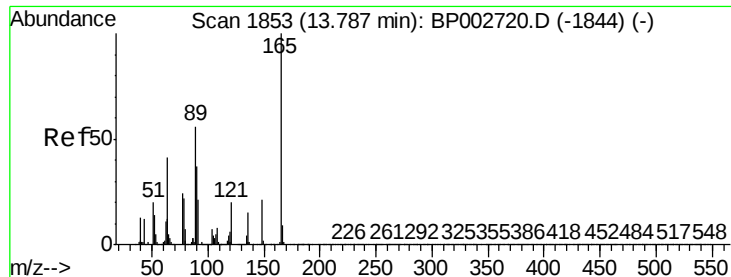
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#50
Dimethylphthalate
Concen: 3.417 ng
RT: 13.67 min Scan# 1833
Delta R.T. -0.01 min
Lab File: BP002729.D
Acq: 13 Jul 2020 11:07

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.4	5.2
164	10.0	7.8	11.8





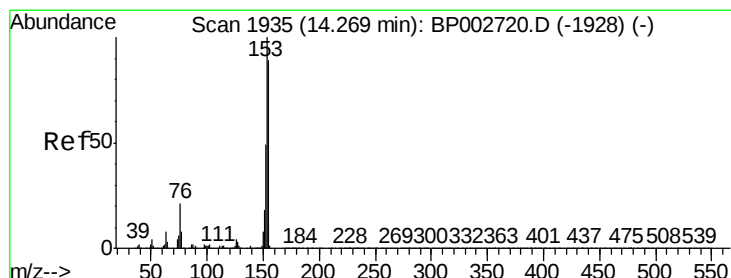
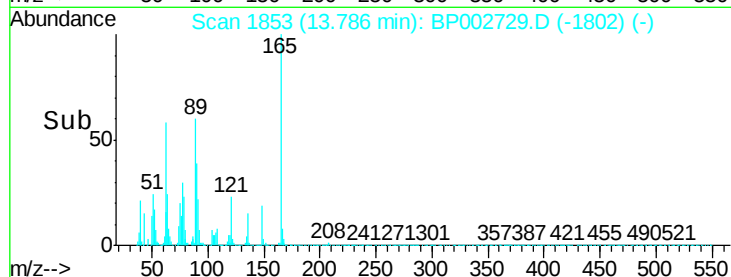
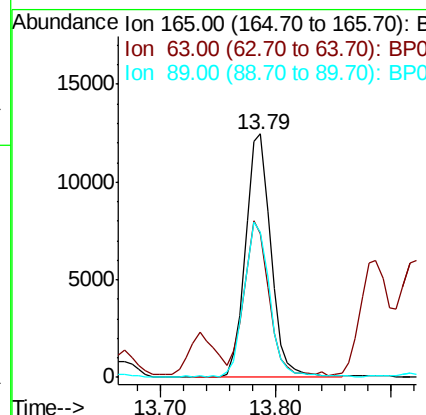
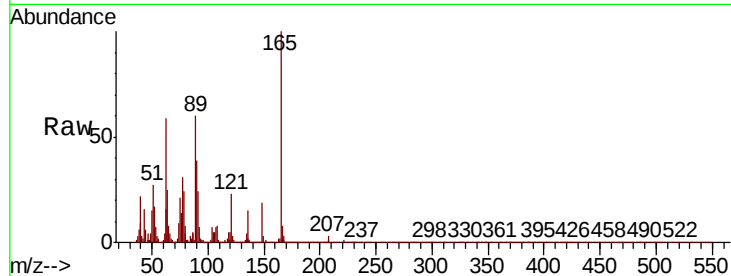
#51
2,6-Dinitrotoluene
Concen: 2.804 ng
RT: 13.79 min Scan# 1853
Delta R.T. 0.00 min
Lab File: BP002729.D
Acq: 13 Jul 2020 11:07

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2020

Tot Ion	Ratio	Lower	Upper
165	100		
63	58.9	43.2	64.8
89	59.8	44.6	67.0

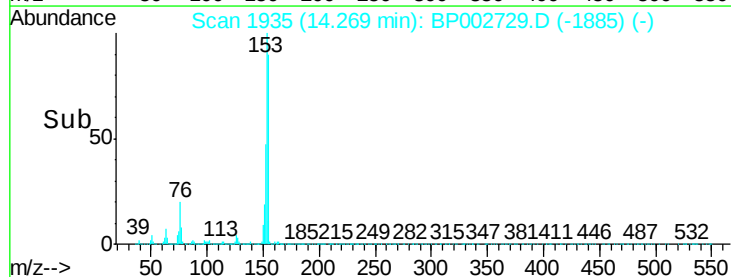
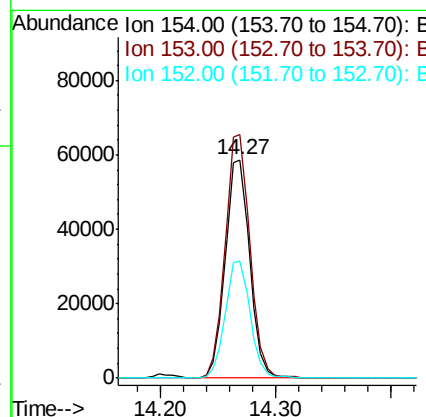
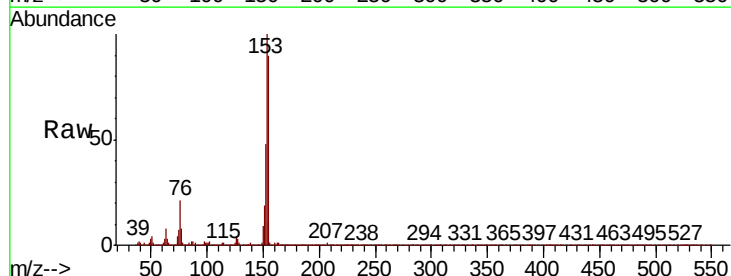
Manual Integrations
APPROVED

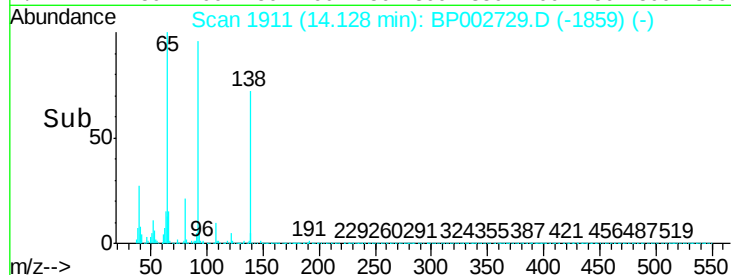
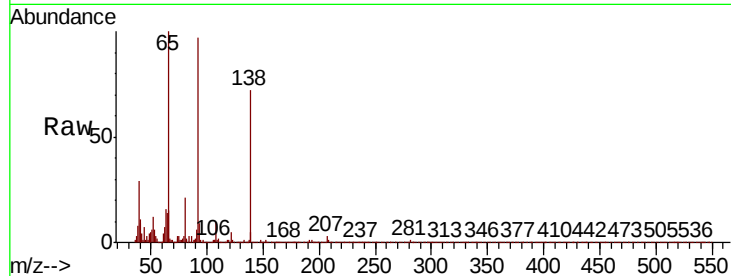
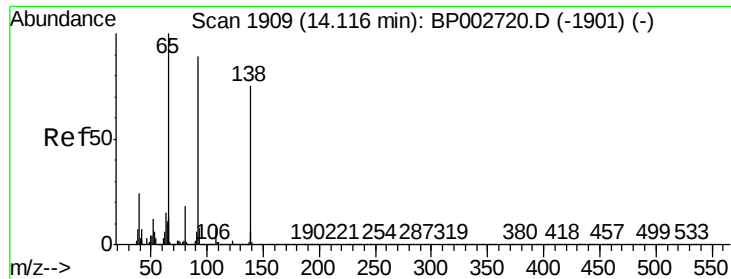
mohammad
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#52
Acenaphthene
Concen: 3.649 ng
RT: 14.27 min Scan# 1935
Delta R.T. -0.01 min
Lab File: BP002729.D
Acq: 13 Jul 2020 11:07

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.4	90.1	135.1
152	53.8	43.8	65.6





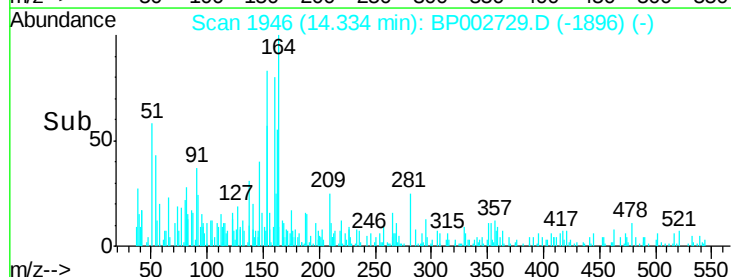
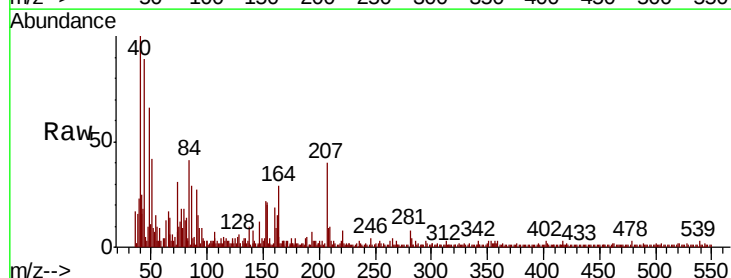
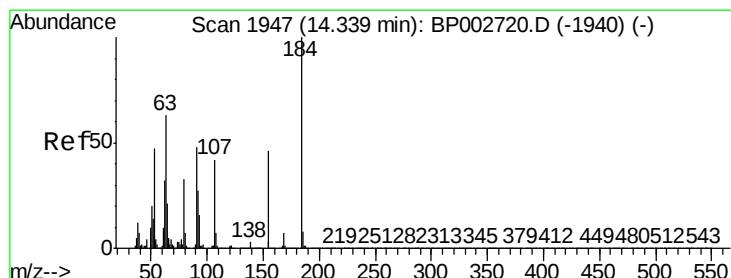
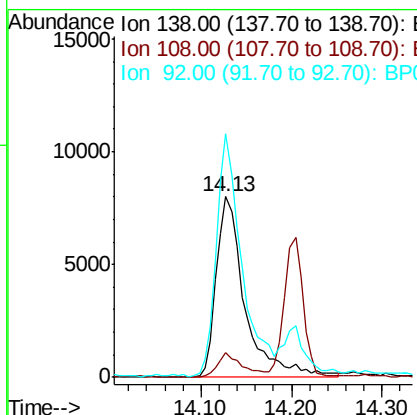
#53
3-Nitroaniline
Concen: 2.329 ng
RT: 14.13 min Scan# 1911
Delta R.T. 0.01 min
Lab File: BP002729.D
Acq: 13 Jul 2020 11:07

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2020

Tot Ion	Ratio	Lower	Upper
138	100		
108	13.6	8.2	12.2#
92	134.8	94.3	141.5

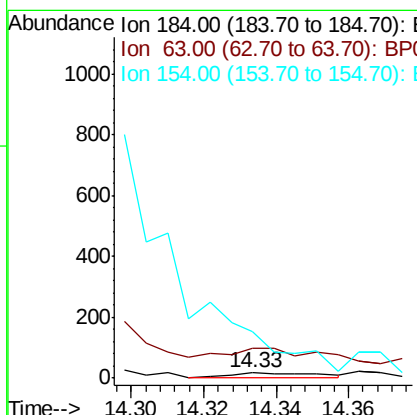
Manual Integrations
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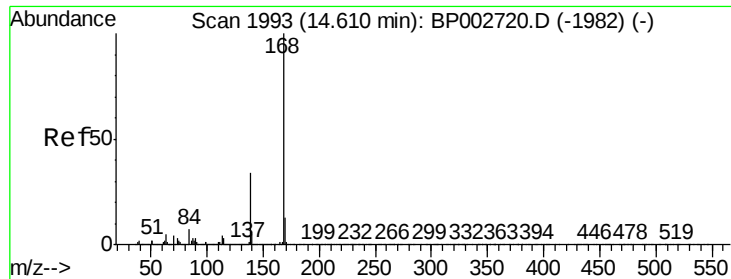
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#54
2,4-Dinitrophenol
Concen: 11.381 ng
RT: 14.33 min Scan# 1946
Delta R.T. -0.01 min
Lab File: BP002729.D
Acq: 13 Jul 2020 11:07

Tgt Ion	Ratio	Lower	Upper
184	100		
63	564.7	51.6	77.4#
154	894.1	45.0	67.6#





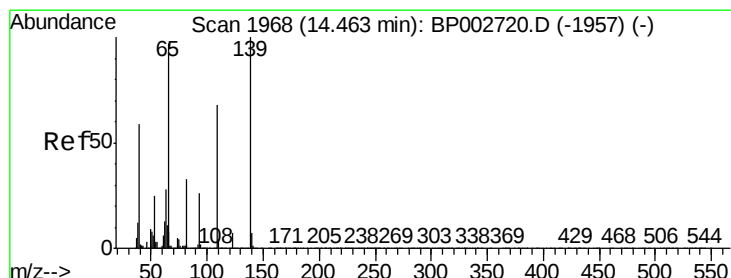
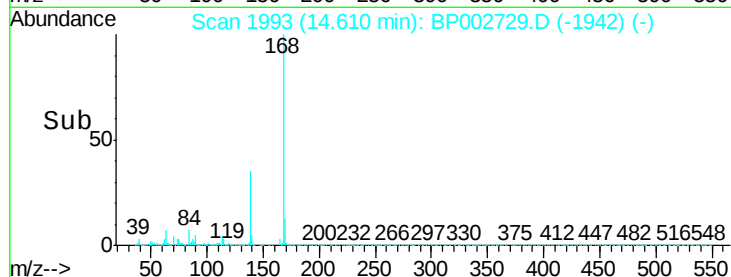
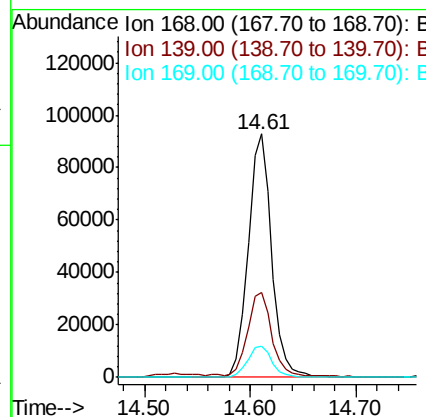
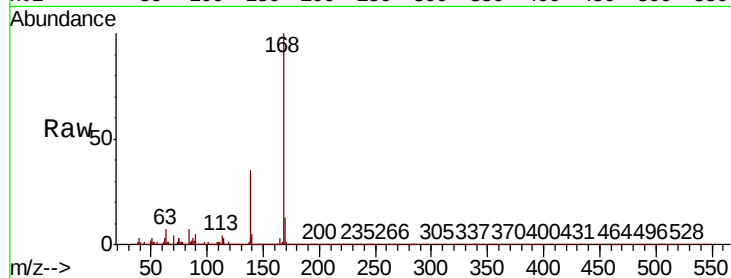
#55
Dibenzofuran
Concen: 3.741 ng
RT: 14.61 min Scan# 1993
Delta R.T. 0.00 min
Lab File: BP002729.D
Acq: 13 Jul 2020 11:07

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2020

Tot Ion	Ratio	Lower	Upper
168	100		
139	35.0	27.1	40.7
169	13.0	10.8	16.2

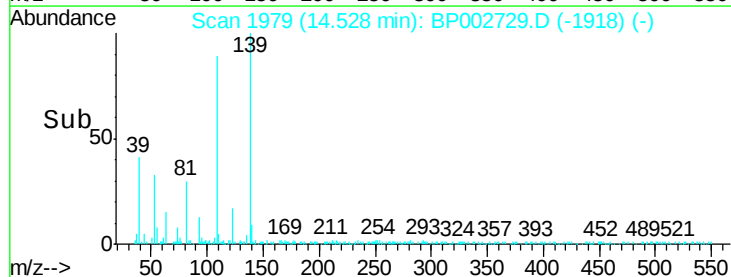
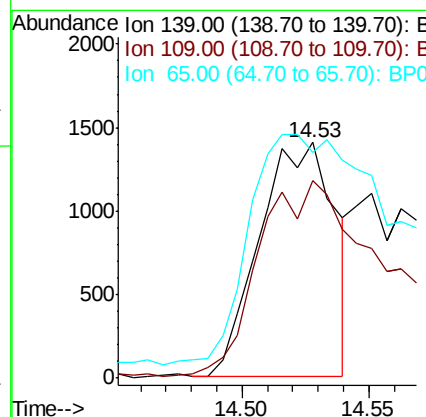
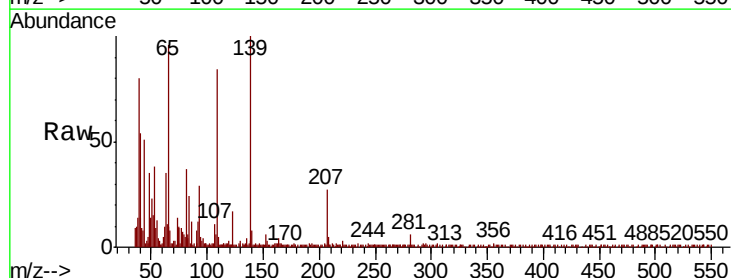
Manual Integrations
APPROVED

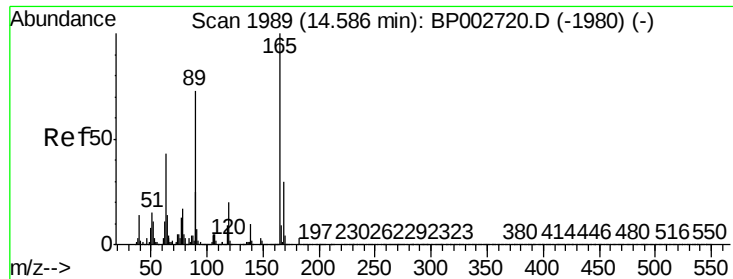
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#56
4-Nitrophenol
Concen: 5.420 ng
RT: 14.53 min Scan# 1979
Delta R.T. 0.06 min
Lab File: BP002729.D
Acq: 13 Jul 2020 11:07

Tgt Ion	Ratio	Lower	Upper
139	100		
109	83.8	48.1	88.1
65	96.0	77.9	117.9





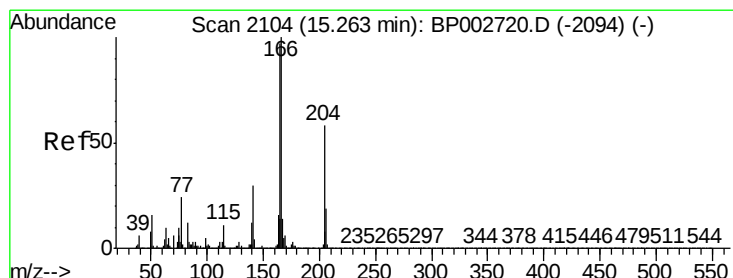
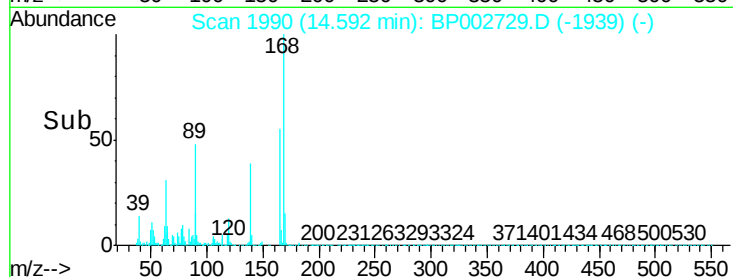
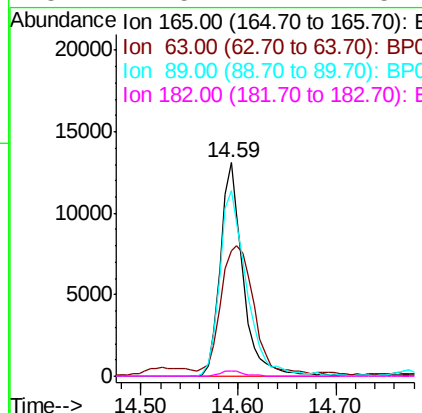
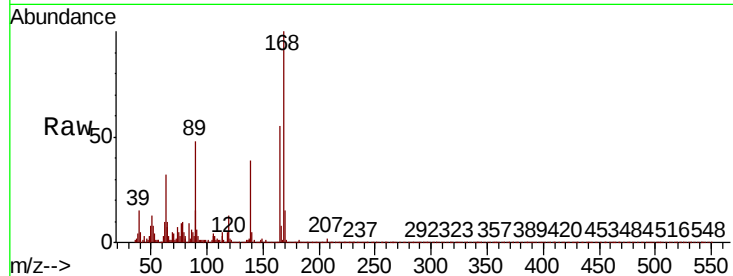
#57
2,4-Dinitrotoluene
Concen: 2.373 ng
RT: 14.59 min Scan# 1990
Delta R.T. 0.00 min
Lab File: BP002729.D
Acq: 13 Jul 2020 11:07

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2020

Tot Ion	Ratio	Lower	Upper
165	100		
63	59.0	35.1	52.7#
89	87.0	58.4	87.6
182	2.5	2.2	3.2

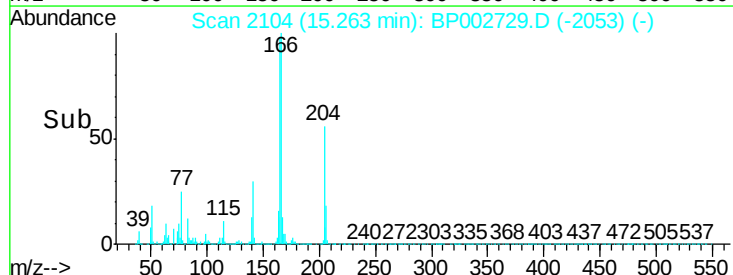
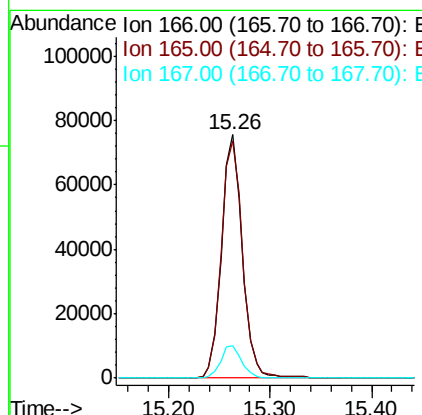
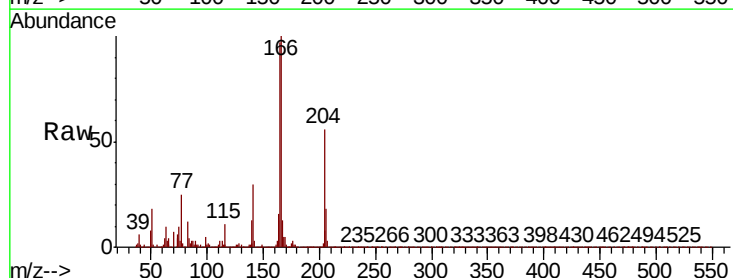
Manual Integrations
APPROVED

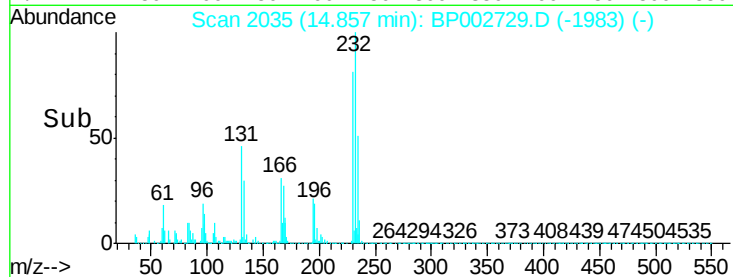
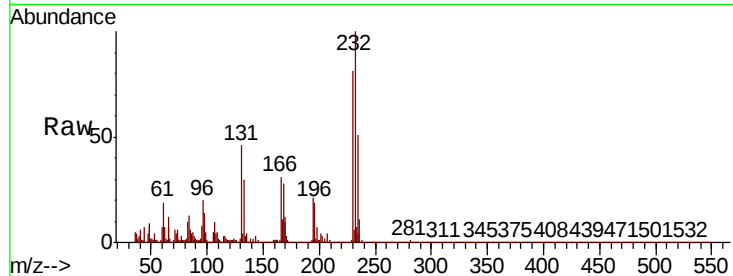
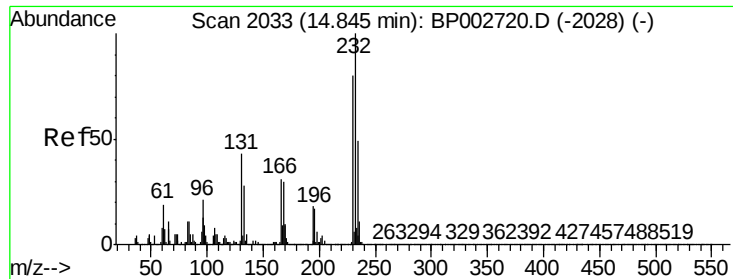
mohammad
7/14/2020 12:02:22 PM



#58
Fluorene
Concen: 3.840 ng
RT: 15.26 min Scan# 2104
Delta R.T. 0.00 min
Lab File: BP002729.D
Acq: 13 Jul 2020 11:07

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.5	77.7	116.5
167	13.4	11.0	16.6





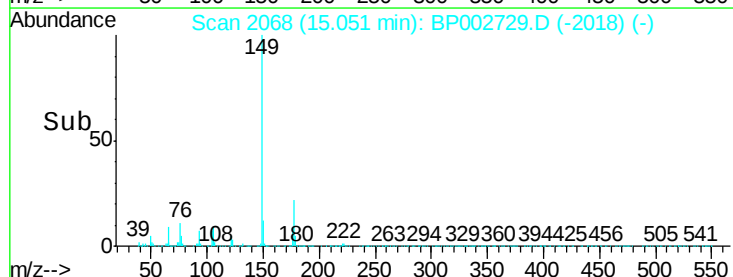
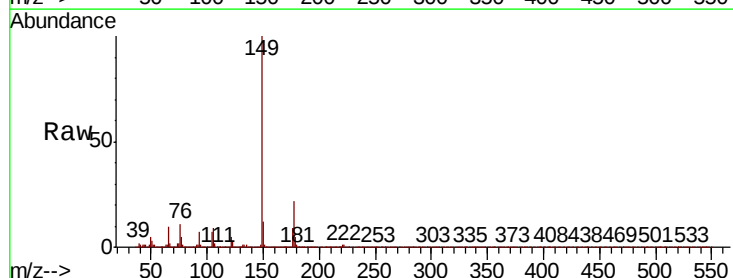
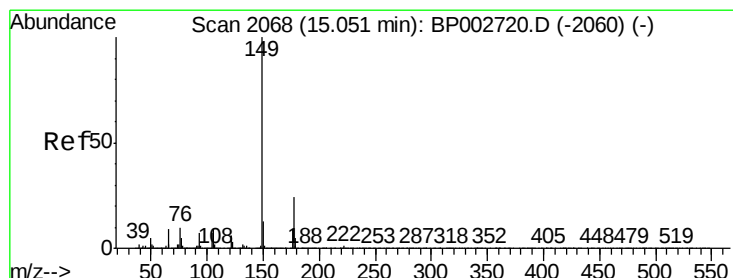
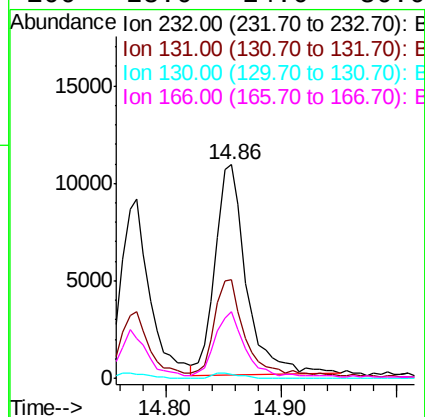
#59
2,3,4,6-Tetrachlorophenol
Concen: 2.724 ng
RT: 14.86 min Scan# 2035
Delta R.T. 0.01 min
Lab File: BP002729.D
Acq: 13 Jul 2020 11:07

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2020

Tot Ion	Ratio	Lower	Upper
232	100		
131	45.9	34.3	51.5
130	2.2	1.8	2.6
166	28.0	24.0	36.0

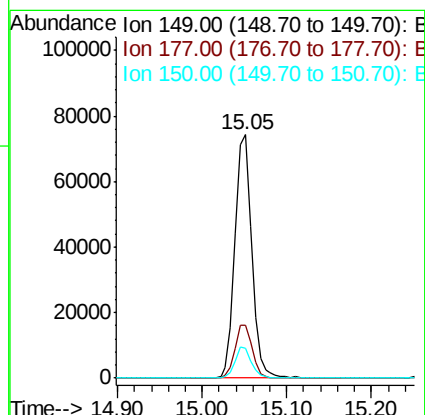
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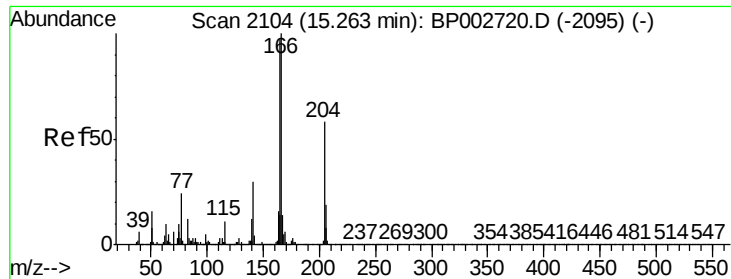
mohammad
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#60
Diethylphthalate
Concen: 3.321 ng
RT: 15.05 min Scan# 2068
Delta R.T. -0.01 min
Lab File: BP002729.D
Acq: 13 Jul 2020 11:07

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.6	18.9	28.3
150	12.1	10.1	15.1





#61

4-Chlorophenyl-phenylether

Concen: 3.775 ng

RT: 15.26 min Scan# 2104

Delta R.T. 0.00 min

Lab File: BP002729.D

Acq: 13 Jul 2020 11:07

Instrument :

BNA_P

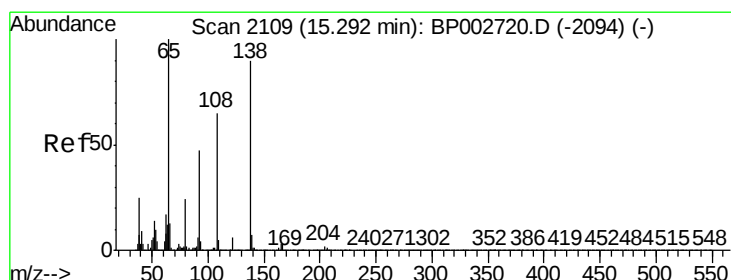
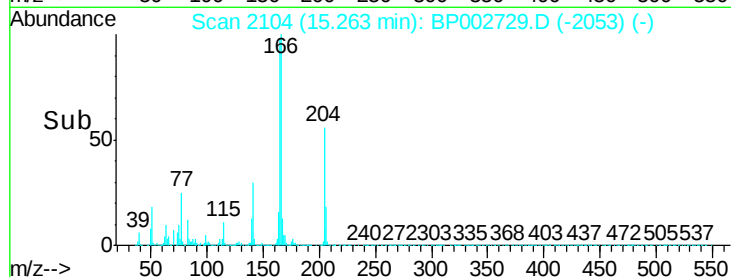
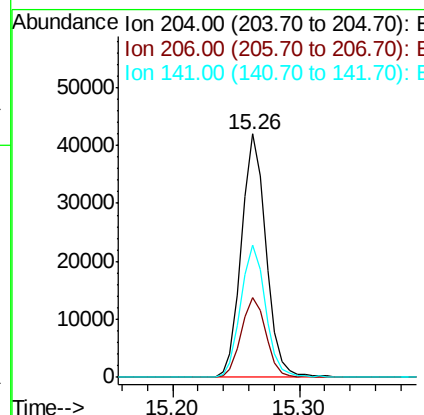
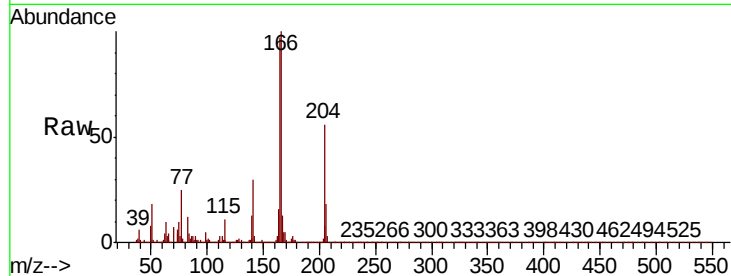
ClientSampleId :

LOD-MDL-SOIL-01-QT3-2020

Tot Ion:	204	Resp:	56287
Ion Ratio	Lower	Upper	
204	100		
206	32.8	26.1	39.1
141	54.3	41.8	62.8

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#62

4-Nitroaniline

Concen: 3.354 ng m

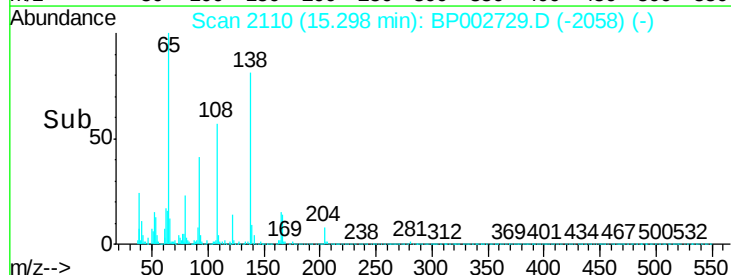
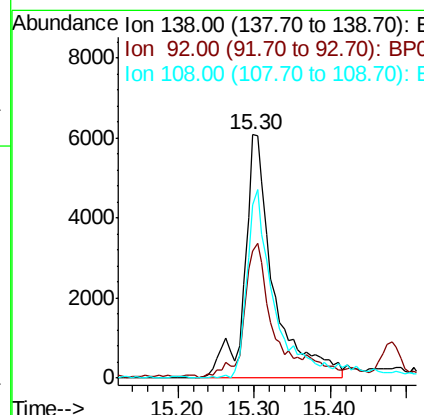
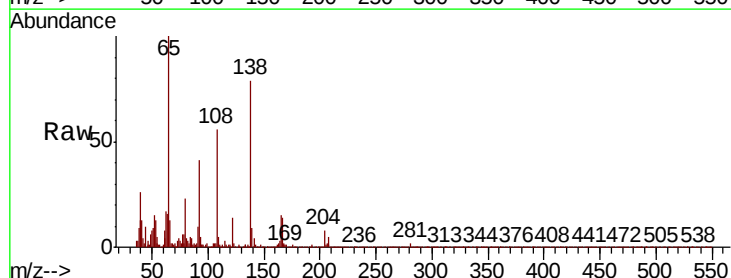
RT: 15.30 min Scan# 2110

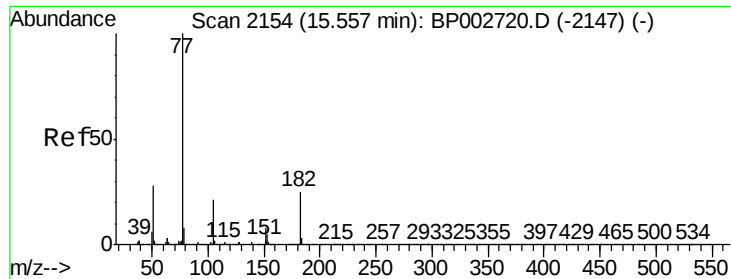
Delta R.T. 0.01 min

Lab File: BP002729.D

Acq: 13 Jul 2020 11:07

Tgt Ion:	138	Resp:	16223
Ion Ratio	Lower	Upper	
138	100		
92	52.2	32.0	72.0
108	71.3	52.2	92.2





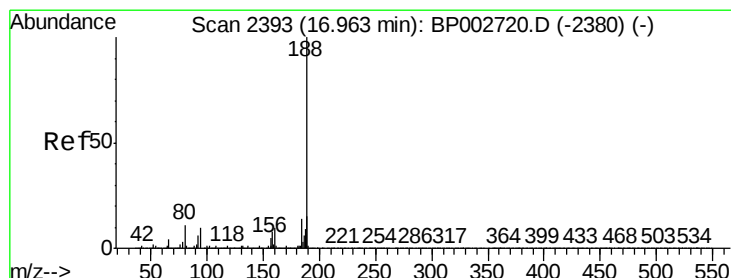
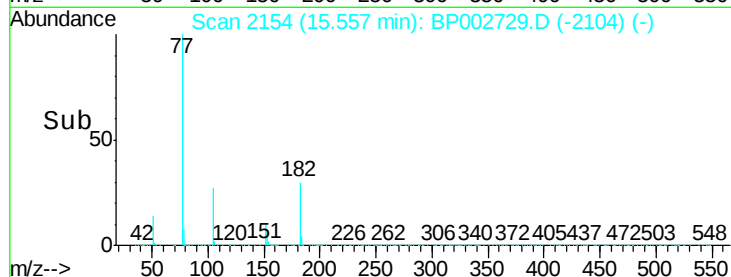
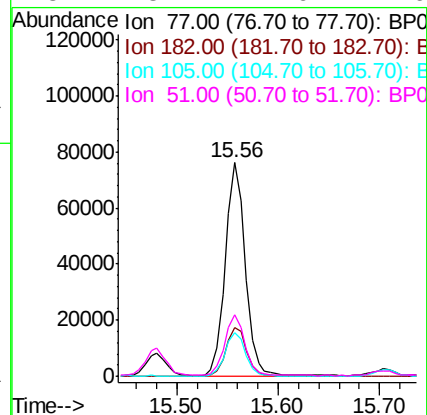
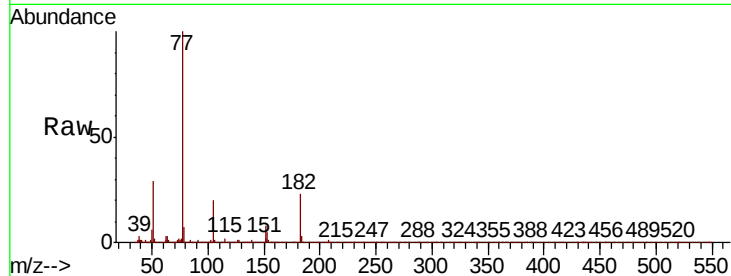
#63
Azobenzene
Concen: 3.301 ng
RT: 15.56 min Scan# 2154
Delta R.T. -0.01 min
Lab File: BP002729.D
Acq: 13 Jul 2020 11:07

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2020

Tot Ion	Ratio	Lower	Upper
77	100		
182	22.5	5.1	45.1
105	20.4	0.8	40.8
51	28.7	7.6	47.6

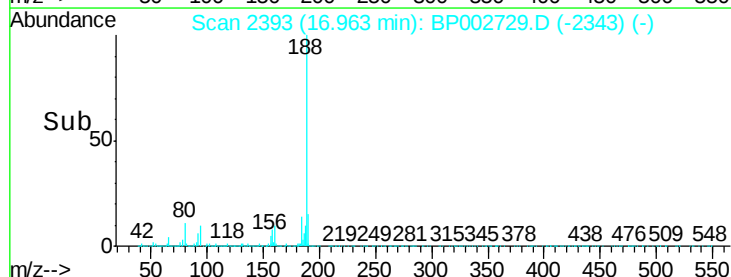
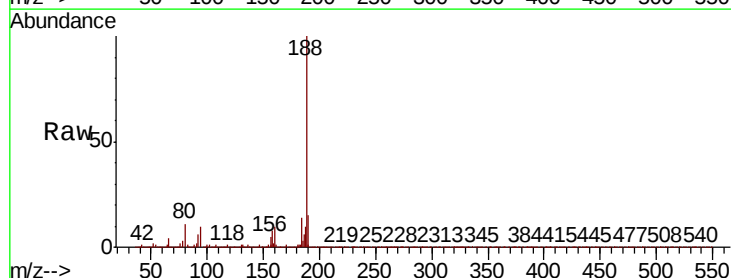
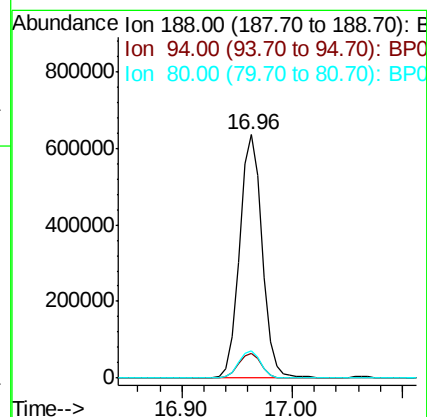
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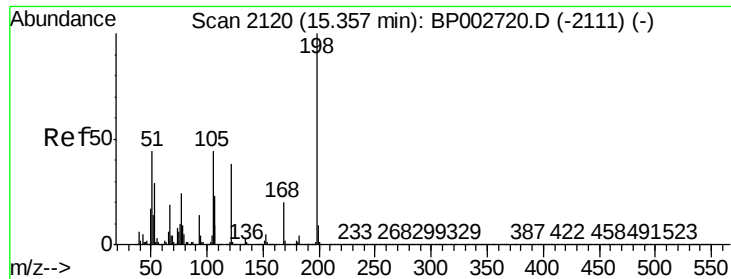
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.96 min Scan# 2393
Delta R.T. -0.01 min
Lab File: BP002729.D
Acq: 13 Jul 2020 11:07

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.3	8.1	12.1
80	11.2	8.9	13.3





#65

4,6-Dinitro-2-methylphenol

Concen: 6.099 ng

RT: 15.37 min Scan# 2123

Delta R.T. 0.01 min

Lab File: BP002729.D

Acq: 13 Jul 2020 11:07

Instrument :

BNA_P

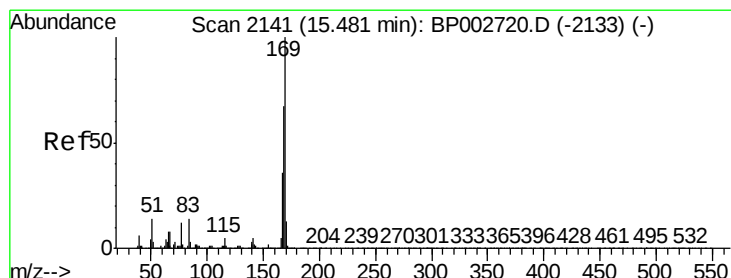
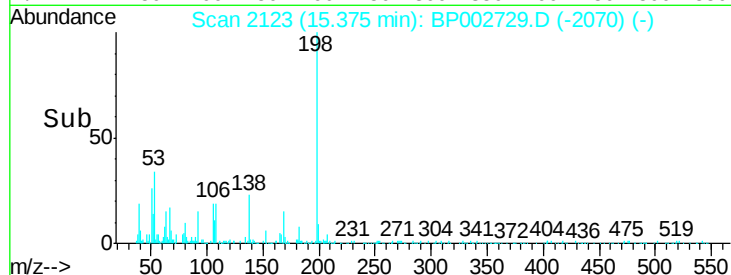
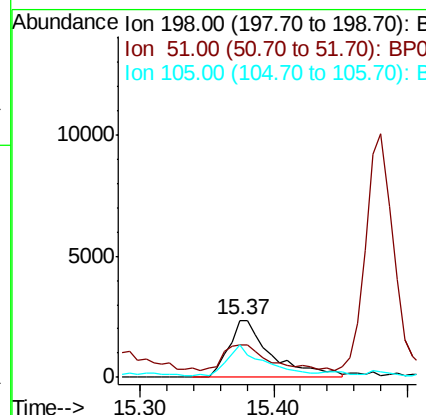
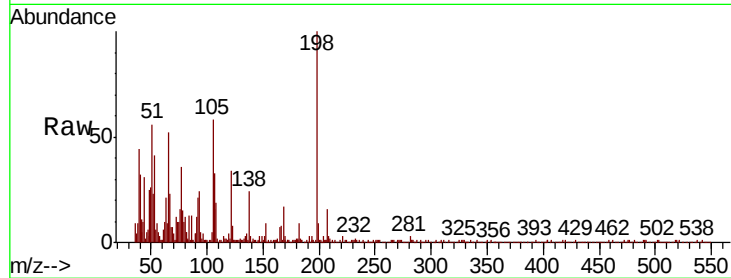
ClientSampleId :

LOD-MDL-SOIL-01-QT3-2020

Tot Ion:	198	Resp:	5093
Ion Ratio	Lower	Upper	
198	100		
51	56.2	27.1	67.1
105	57.6	24.9	64.9

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#66

n-Nitrosodiphenylamine

Concen: 3.486 ng

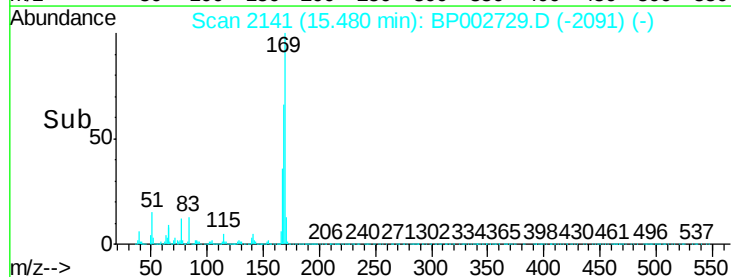
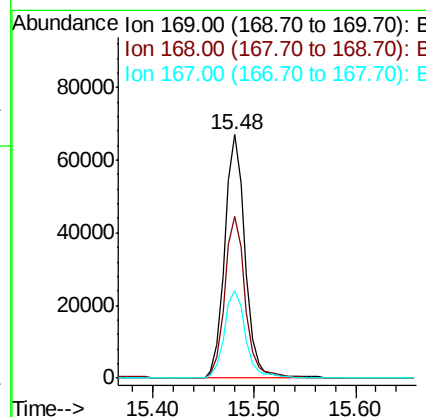
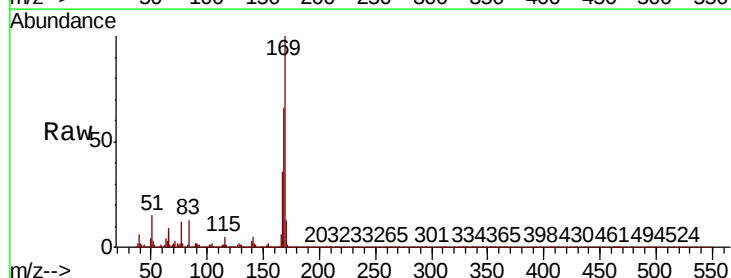
RT: 15.48 min Scan# 2141

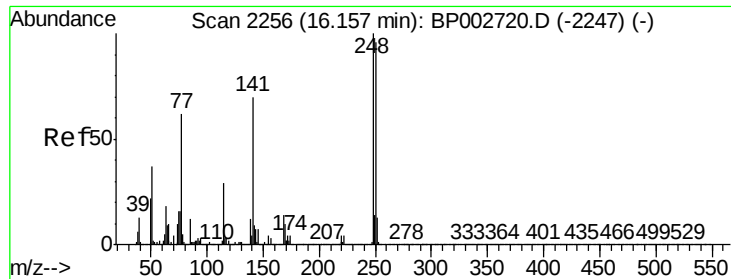
Delta R.T. -0.01 min

Lab File: BP002729.D

Acq: 13 Jul 2020 11:07

Tgt Ion:	169	Resp:	93849
Ion Ratio	Lower	Upper	
169	100		
168	66.4	53.4	80.0
167	35.7	29.2	43.8





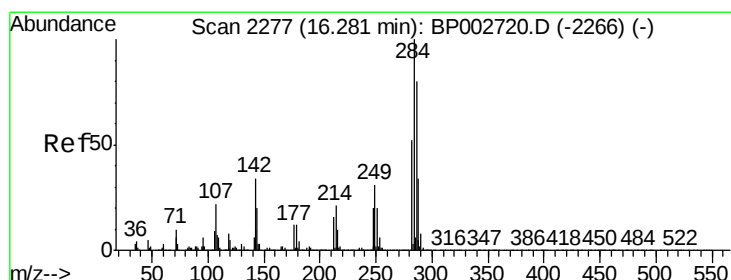
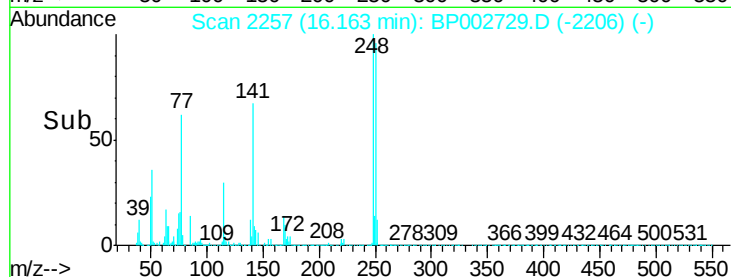
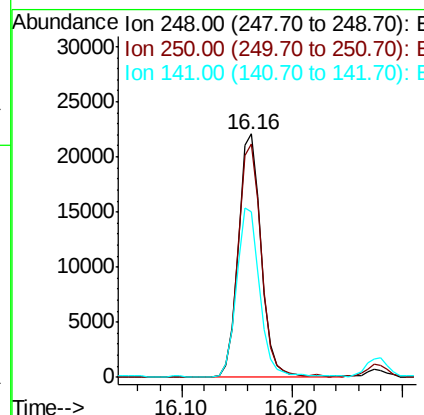
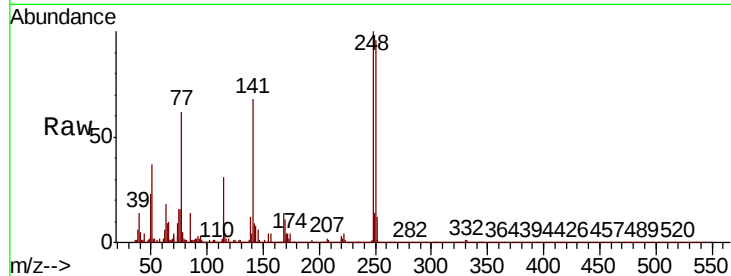
#67
4-Bromophenyl-phenylether
Concen: 3.225 ng
RT: 16.16 min Scan# 2257
Delta R.T. 0.00 min
Lab File: BP002729.D
Acq: 13 Jul 2020 11:07

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2020

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.1	76.7	115.1
141	67.9	55.9	83.9

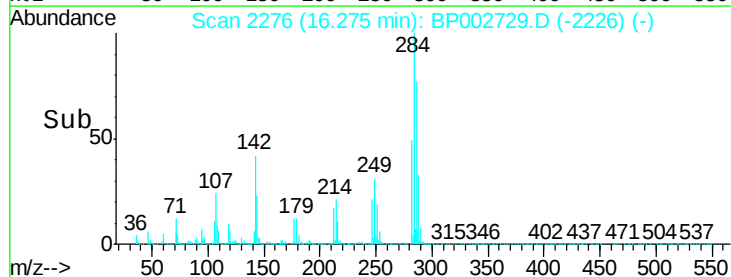
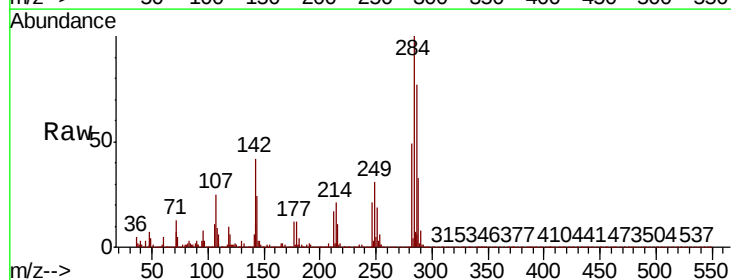
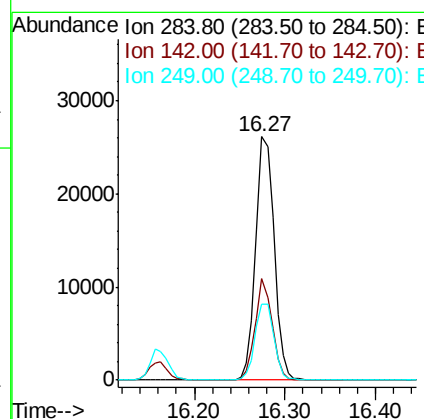
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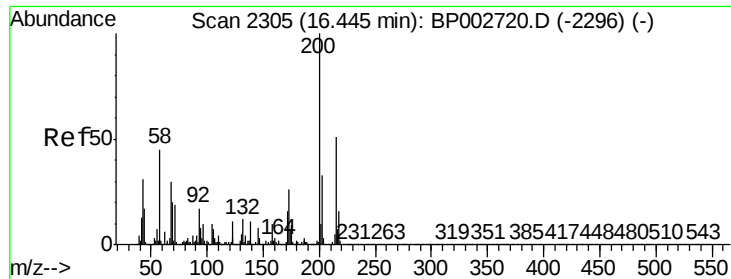
mohammad
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#68
Hexachlorobenzene
Concen: 3.533 ng
RT: 16.27 min Scan# 2276
Delta R.T. -0.01 min
Lab File: BP002729.D
Acq: 13 Jul 2020 11:07

Tgt Ion	Ratio	Lower	Upper
284	100		
142	41.7	26.9	40.3#
249	31.2	24.6	37.0





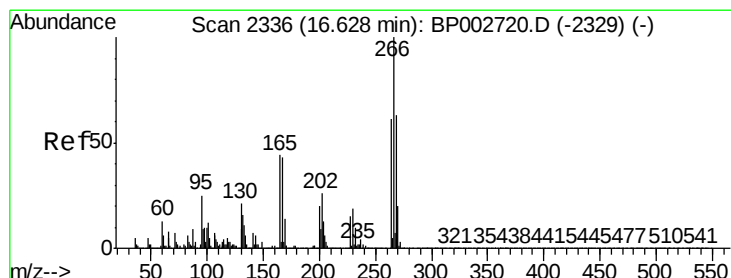
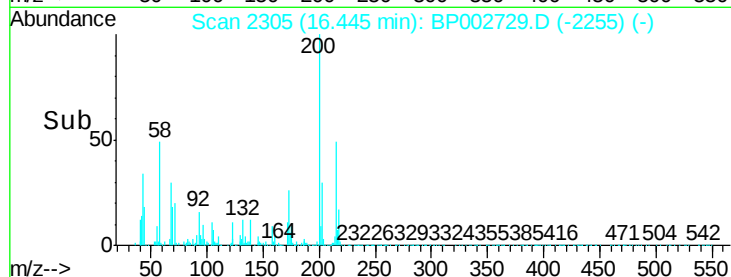
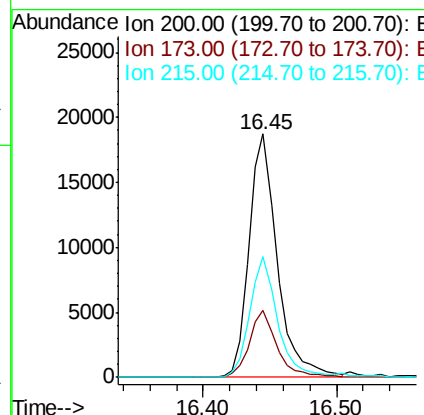
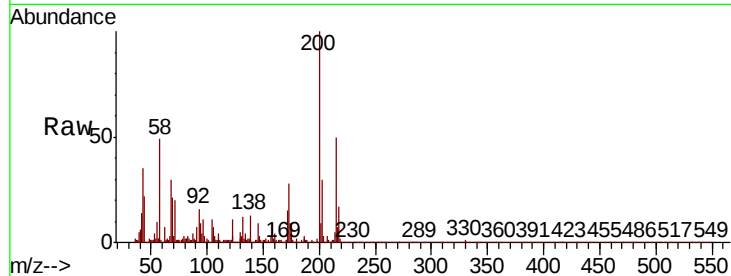
#69
Atrazine
Concen: 3.688 ng
RT: 16.45 min Scan# 2305
Delta R.T. -0.01 min
Lab File: BP002729.D
Acq: 13 Jul 2020 11:07

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2020

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.5	6.3	46.3
215	49.5	30.6	70.6

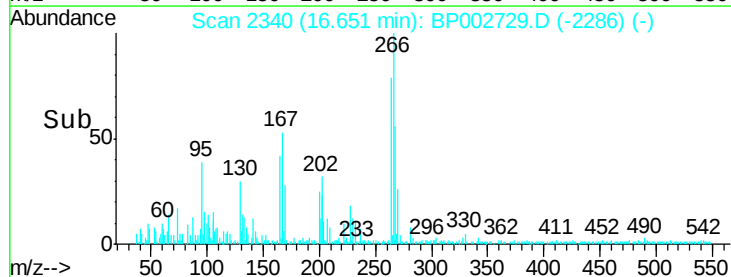
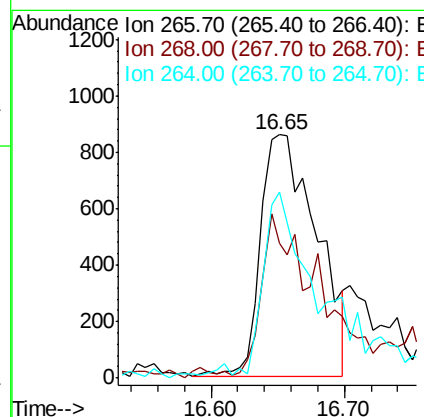
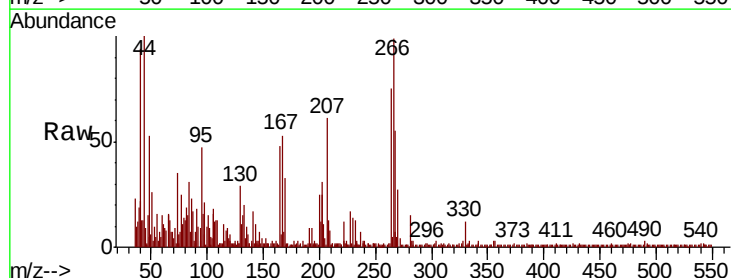
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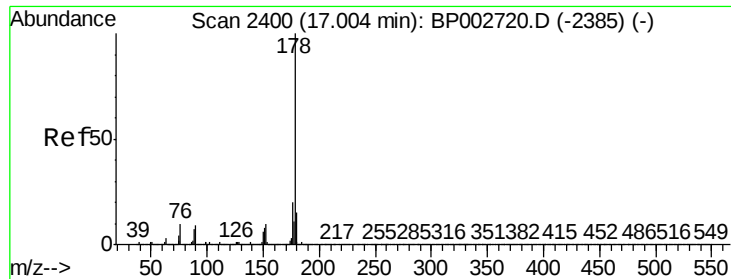
mohammad
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#70
Pentachlorophenol
Concen: 7.885 ng
RT: 16.65 min Scan# 2340
Delta R.T. 0.02 min
Lab File: BP002729.D
Acq: 13 Jul 2020 11:07

Tgt Ion	Ratio	Lower	Upper
266	100		
268	55.5	50.6	75.8
264	76.4	48.6	72.8





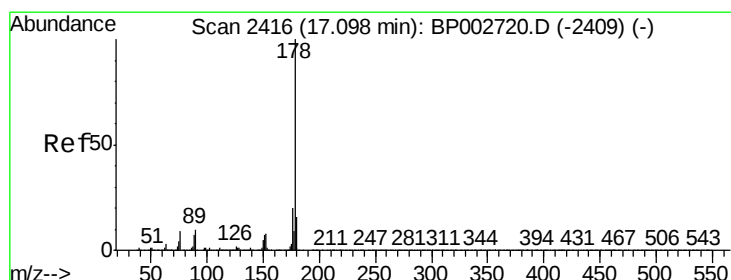
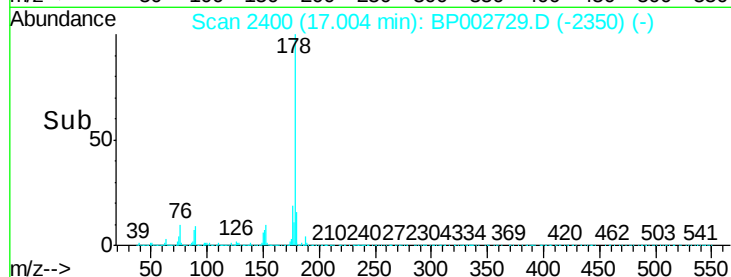
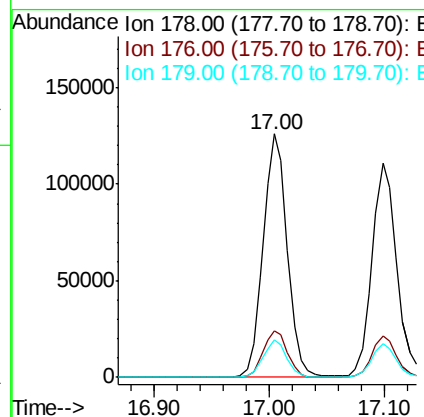
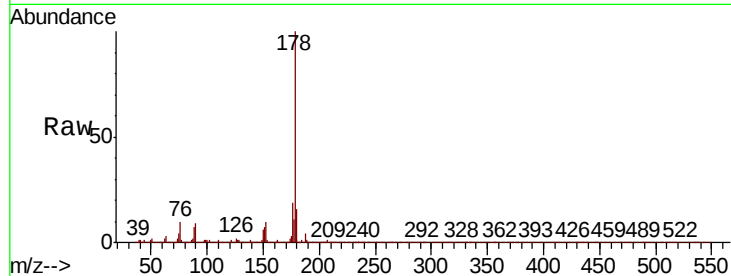
#71
Phenanthrene
Concen: 3.734 ng
RT: 17.00 min Scan# 2400
Delta R.T. -0.01 min
Lab File: BP002729.D
Acq: 13 Jul 2020 11:07

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2020

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.9	23.9
179	15.6	12.3	18.5

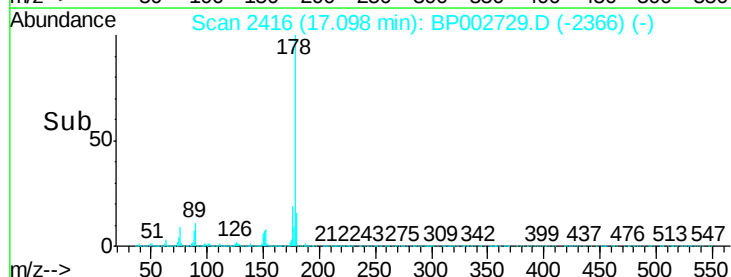
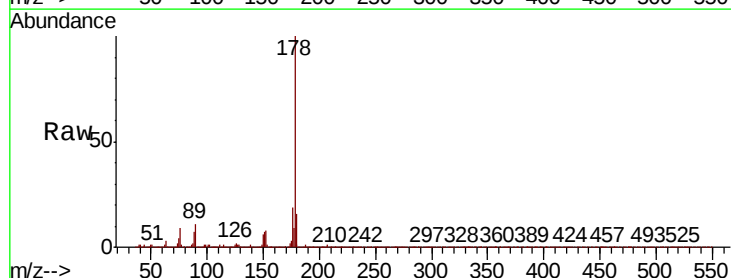
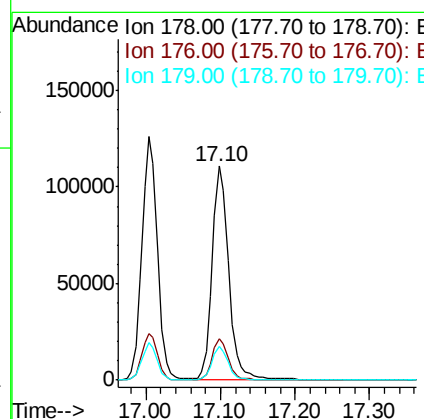
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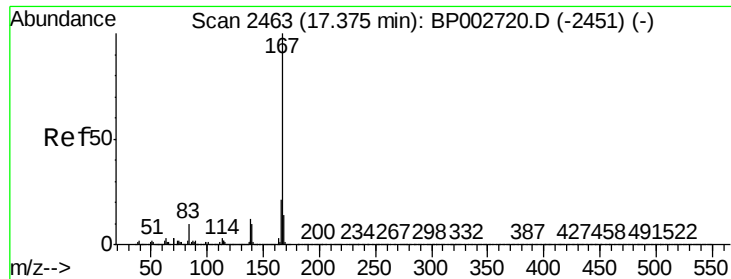
mohammad
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#72
Anthracene
Concen: 3.542 ng
RT: 17.10 min Scan# 2416
Delta R.T. -0.01 min
Lab File: BP002729.D
Acq: 13 Jul 2020 11:07

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.6	23.4
179	15.6	12.6	19.0





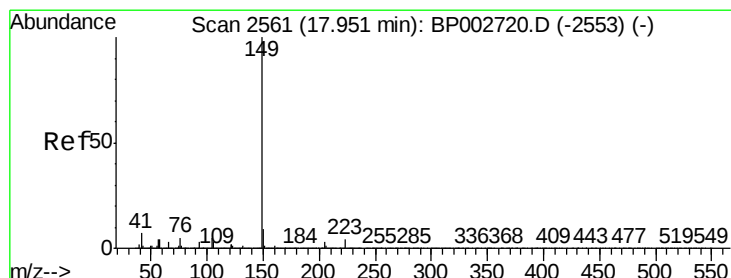
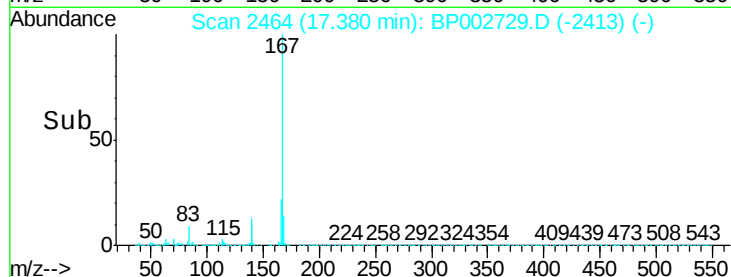
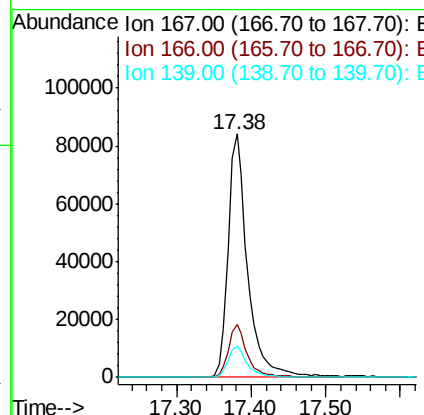
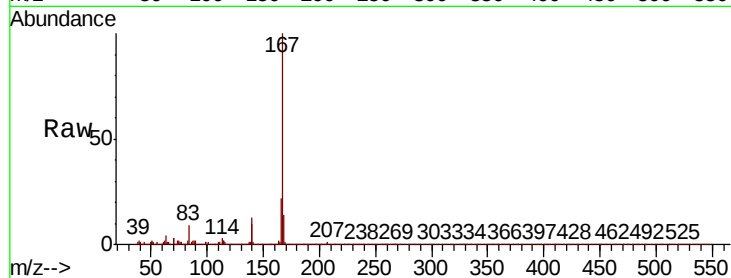
#73
 Carbazole
 Concen: 3.227 ng
 RT: 17.38 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: BP002729.D
 Acq: 13 Jul 2020 11:07

Instrument :
 BNA_P
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2020

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.1	25.7
139	13.0	9.6	14.4

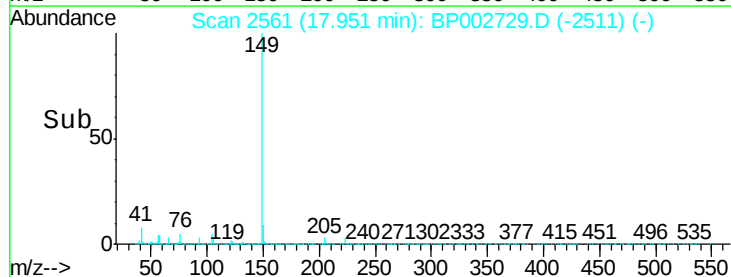
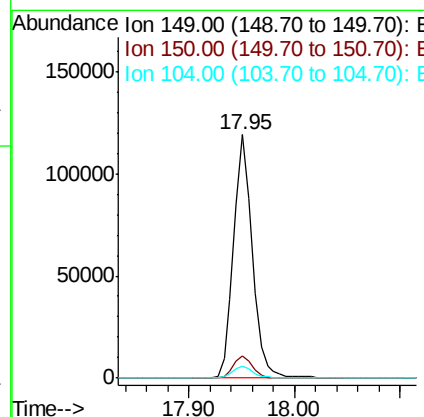
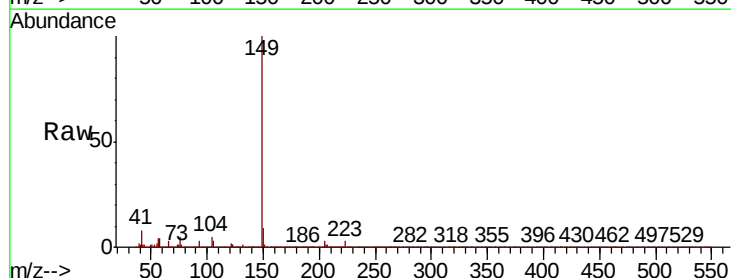
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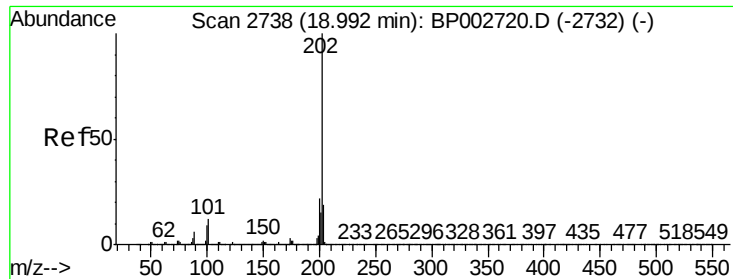
mohammad
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#74
 Di-n-butylphthalate
 Concen: 2.828 ng
 RT: 17.95 min Scan# 2561
 Delta R.T. -0.01 min
 Lab File: BP002729.D
 Acq: 13 Jul 2020 11:07

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.5	11.3
104	4.9	4.0	6.0





#75

Fluoranthene

Concen: 3.519 ng

RT: 18.99 min Scan# 2738

Delta R.T. -0.01 min

Lab File: BP002729.D

Acq: 13 Jul 2020 11:07

Instrument :

BNA_P

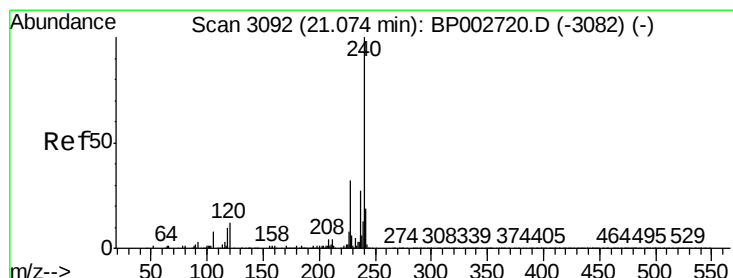
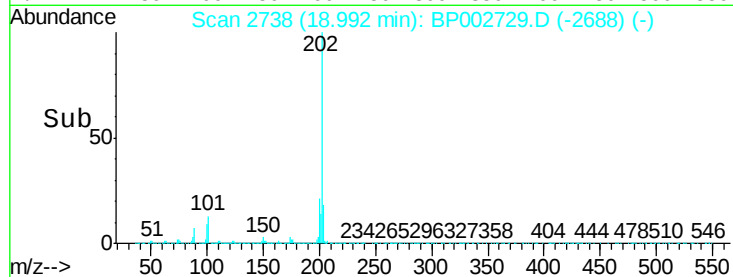
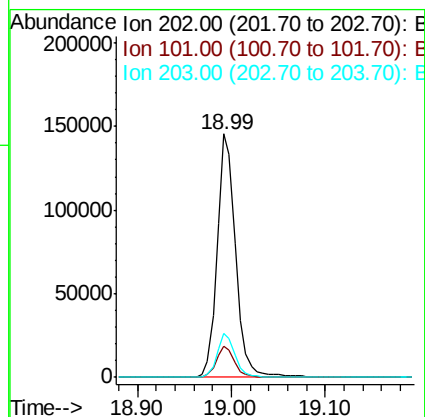
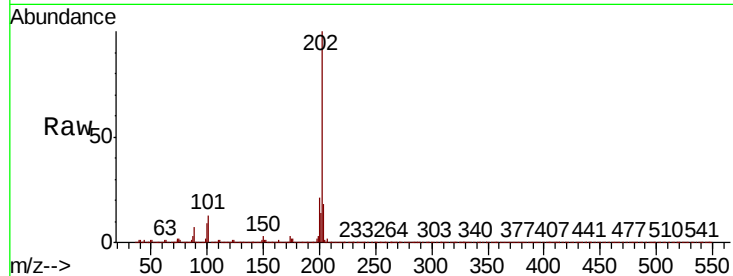
ClientSampleId :

LOD-MDL-SOIL-01-QT3-2020

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		201240		
101	12.7	0.0	32.5		
203	17.9	0.0	38.6		

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#76

Chrysene-d12

Concen: 20.000 ng

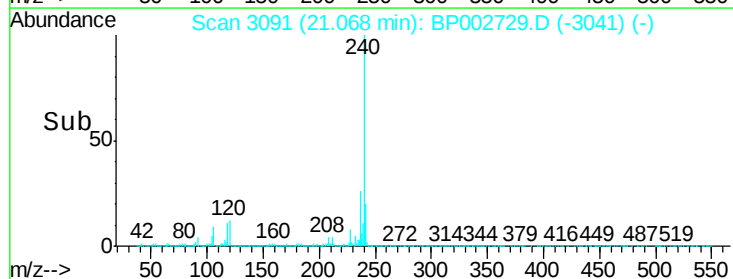
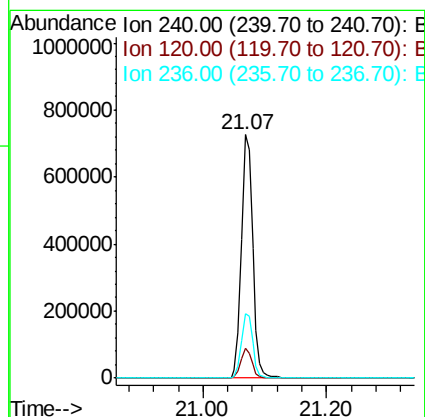
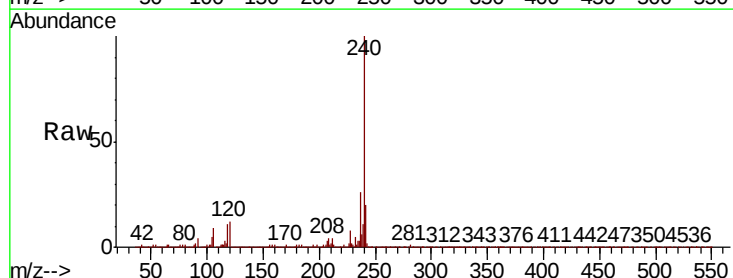
RT: 21.07 min Scan# 3091

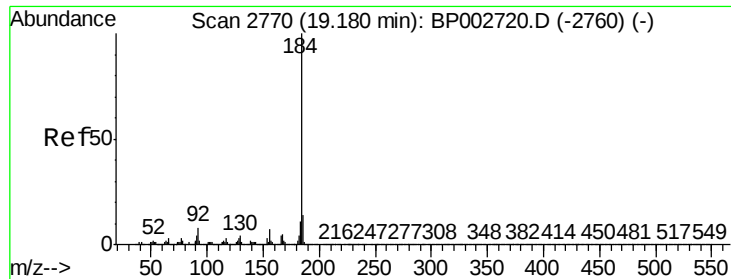
Delta R.T. -0.01 min

Lab File: BP002729.D

Acq: 13 Jul 2020 11:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100		922503		
120	12.3	9.4	14.2		
236	26.2	21.3	31.9		





#77

Benzidine

Concen: 2.290 ng

RT: 19.19 min Scan# 2771

Delta R.T. 0.01 min

Lab File: BP002729.D

Acq: 13 Jul 2020 11:07

Instrument :

BNA_P

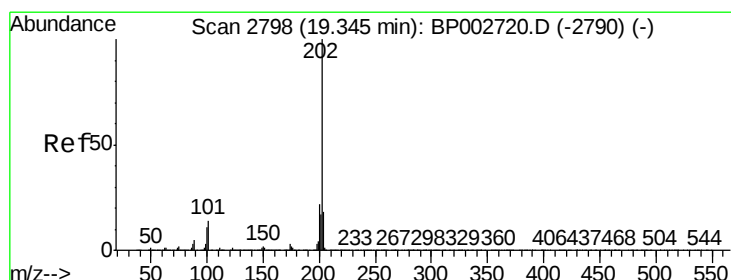
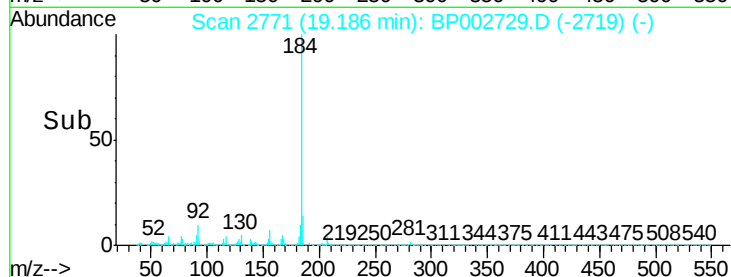
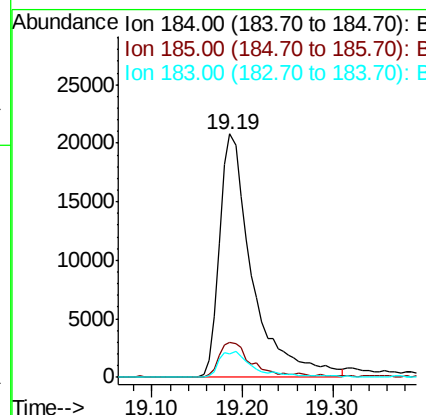
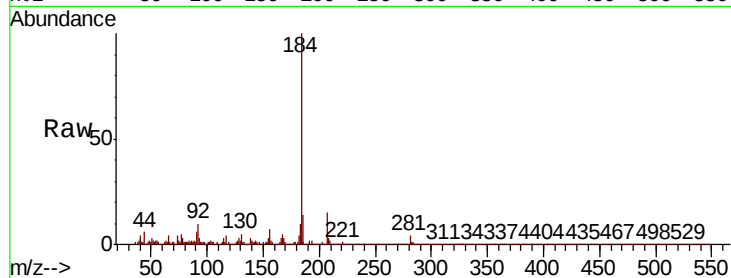
ClientSampleId :

LOD-MDL-SOIL-01-QT3-2020

Tot Ion:	184	Resp:	52367
Ion Ratio	Lower	Upper	
184	100		
185	14.3	11.4	17.2
183	9.9	9.0	13.4

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#78

Pyrene

Concen: 3.336 ng

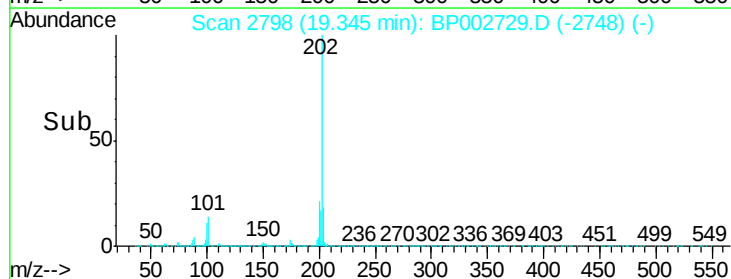
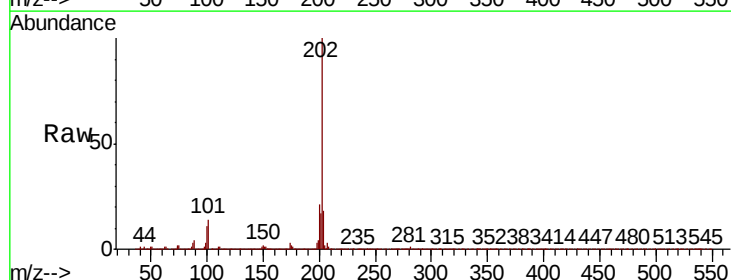
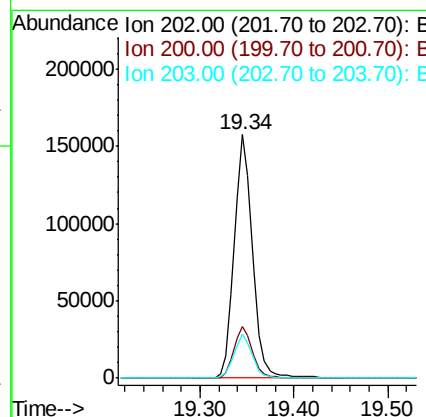
RT: 19.34 min Scan# 2798

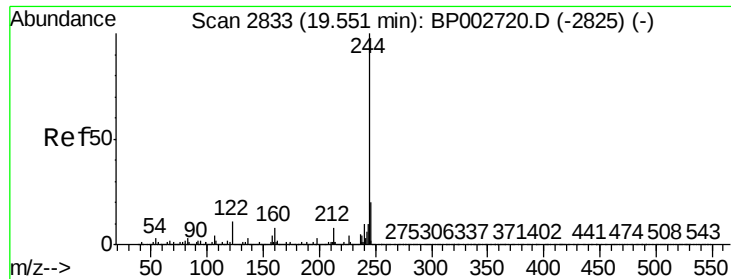
Delta R.T. -0.01 min

Lab File: BP002729.D

Acq: 13 Jul 2020 11:07

Tgt Ion:	202	Resp:	212486
Ion Ratio	Lower	Upper	
202	100		
200	21.0	17.7	26.5
203	17.9	14.5	21.7





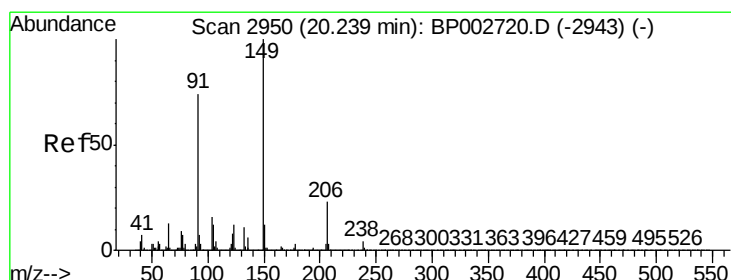
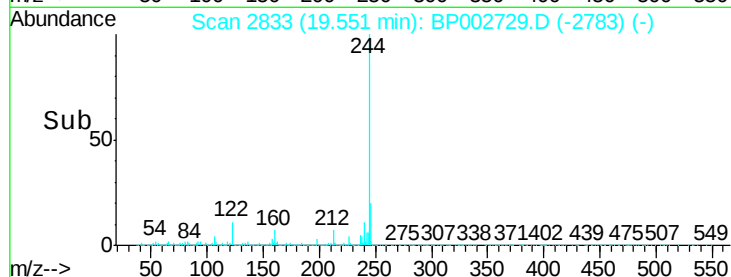
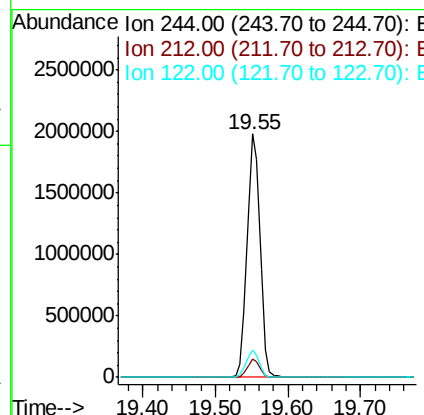
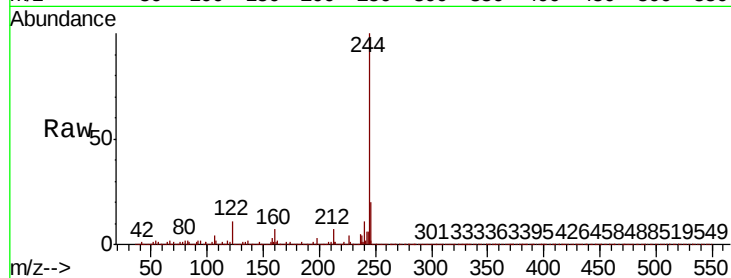
#79
 Terphenyl-d14
 Concen: 61.399 ng
 RT: 19.55 min Scan# 2833
 Delta R.T. -0.01 min
 Lab File: BP002729.D
 Acq: 13 Jul 2020 11:07

Instrument :
 BNA_P
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2020

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.0	9.0
122	11.4	8.9	13.3

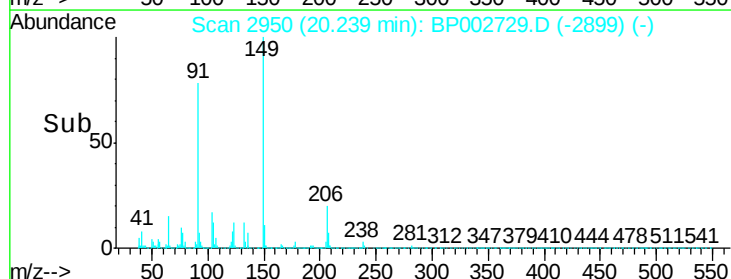
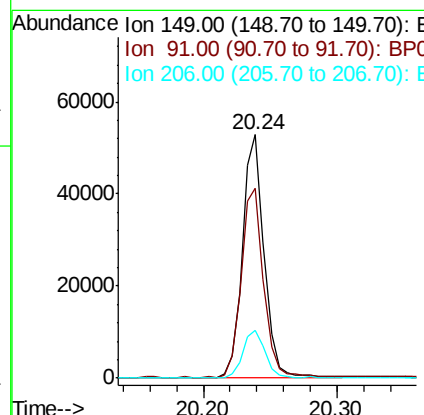
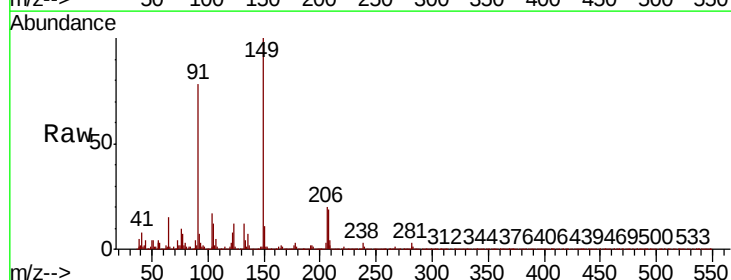
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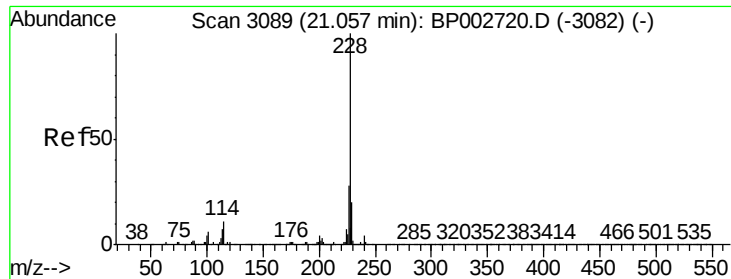
mohammad
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#80
 Butylbenzylphthalate
 Concen: 2.344 ng
 RT: 20.24 min Scan# 2950
 Delta R.T. 0.00 min
 Lab File: BP002729.D
 Acq: 13 Jul 2020 11:07

Tgt Ion	Ratio	Lower	Upper
149	100		
91	78.2	59.4	89.2
206	19.5	18.3	27.5





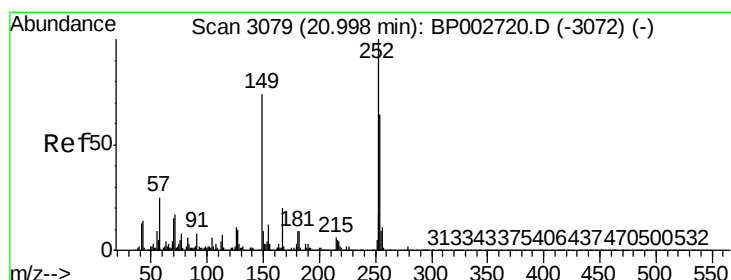
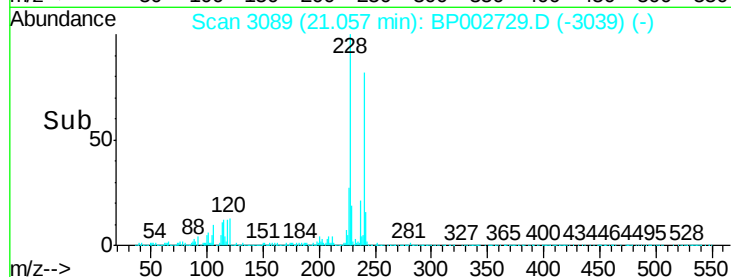
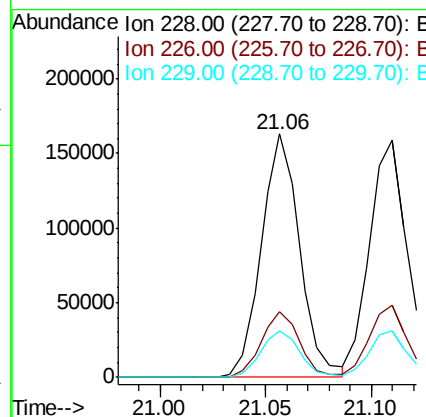
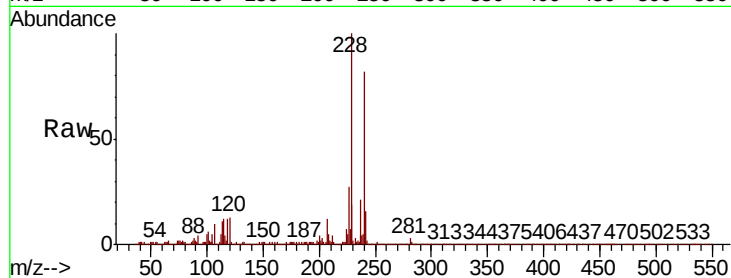
#81
Benzo(a)anthracene
Concen: 3.445 ng
RT: 21.06 min Scan# 3089
Delta R.T. -0.01 min
Lab File: BP002729.D
Acq: 13 Jul 2020 11:07

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2020

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.1	22.6	34.0
229	19.1	16.0	24.0

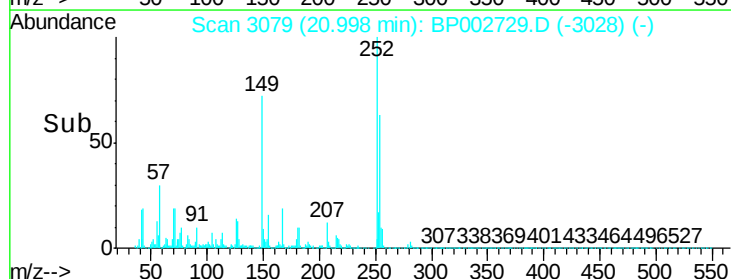
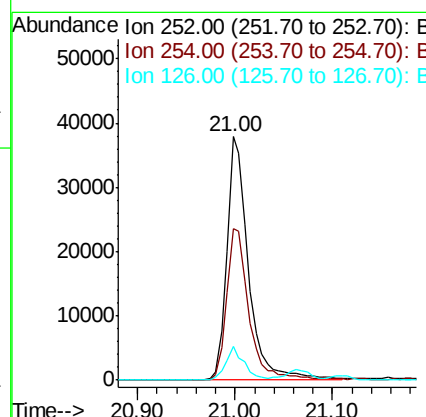
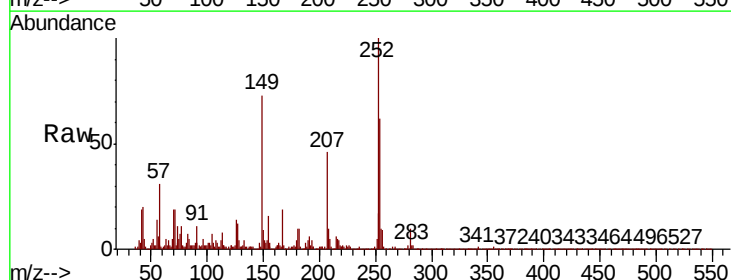
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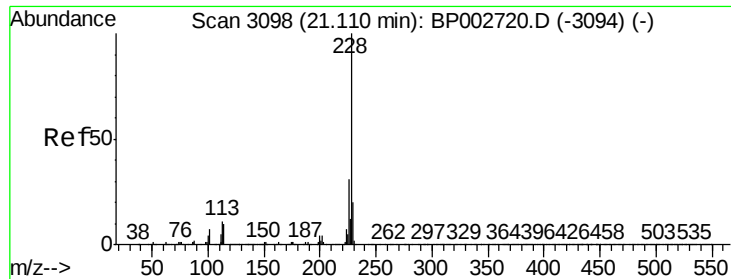
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 2.925 ng
RT: 21.00 min Scan# 3079
Delta R.T. 0.00 min
Lab File: BP002729.D
Acq: 13 Jul 2020 11:07

Tgt Ion	Ratio	Lower	Upper
252	100		
254	62.4	51.0	76.4
126	13.9	8.4	12.6#





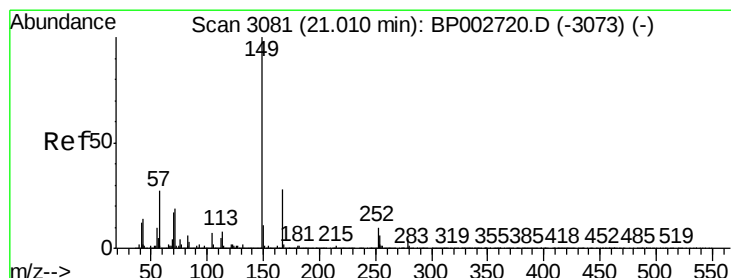
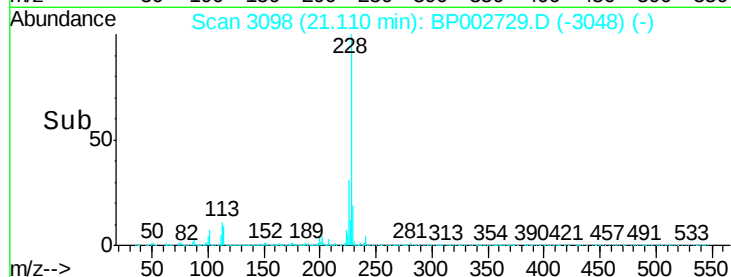
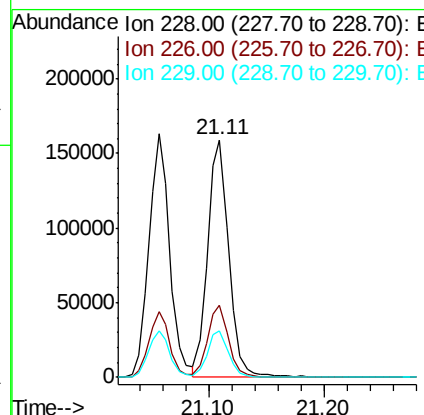
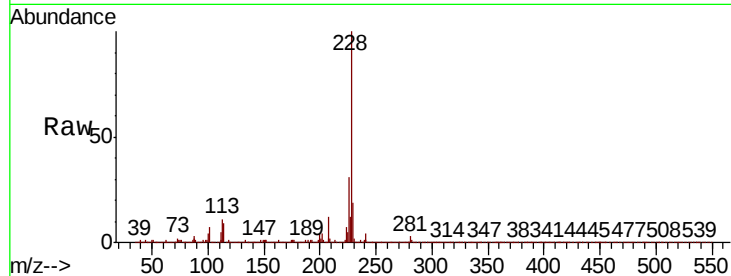
#83
Chrysene
Concen: 3.567 ng
RT: 21.11 min Scan# 3098
Delta R.T. -0.01 min
Lab File: BP002729.D
Acq: 13 Jul 2020 11:07

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2020

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.6	37.0
229	19.3	15.7	23.5

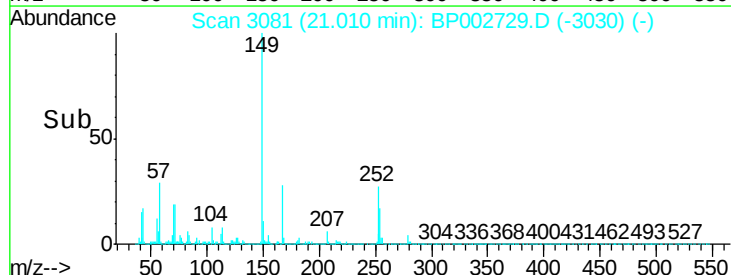
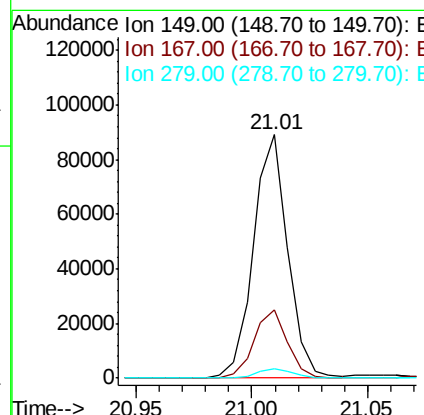
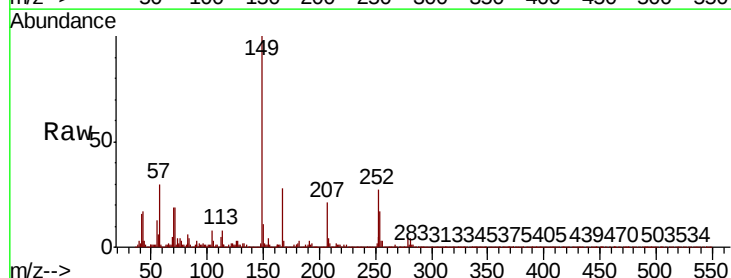
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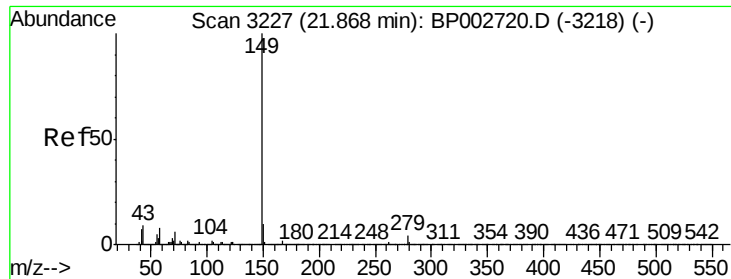
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 2.622 ng
RT: 21.01 min Scan# 3081
Delta R.T. 0.00 min
Lab File: BP002729.D
Acq: 13 Jul 2020 11:07

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.2	22.4	33.6
279	3.8	3.5	5.3





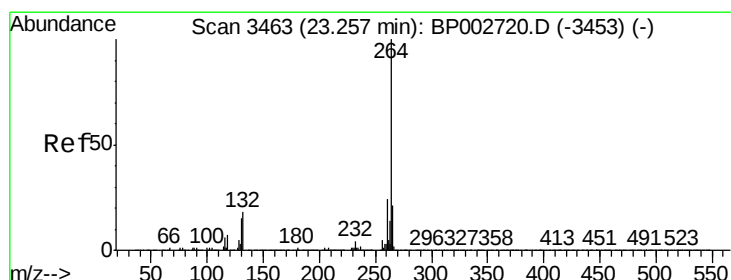
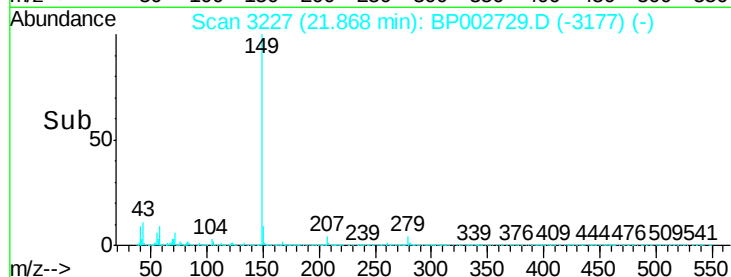
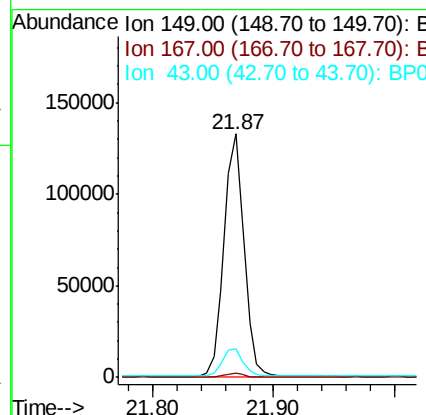
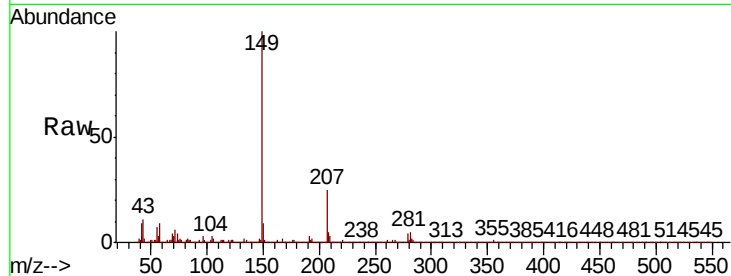
#85
Di-n-octyl phthalate
Concen: 2.415 ng
RT: 21.87 min Scan# 3227
Delta R.T. -0.01 min
Lab File: BP002729.D
Acq: 13 Jul 2020 11:07

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2020

Tot Ion	Ratio	Resp Lower	Upper
149	100		
167	1.7	1.3	1.9
43	12.1	8.2	12.2

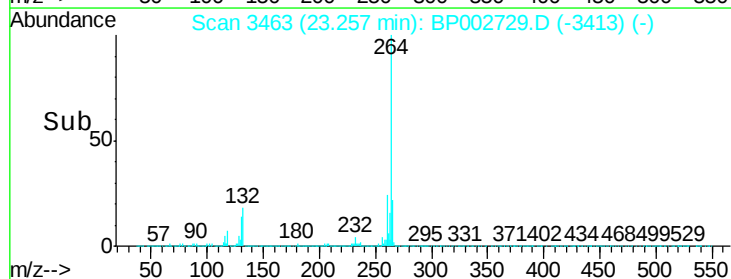
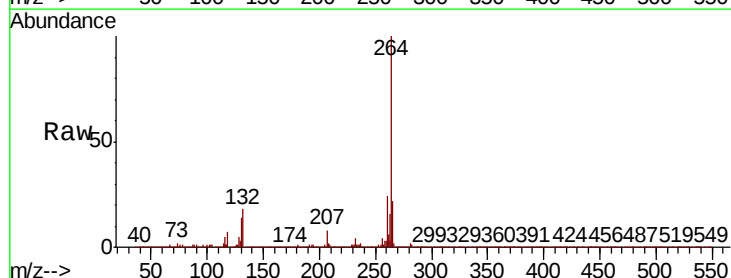
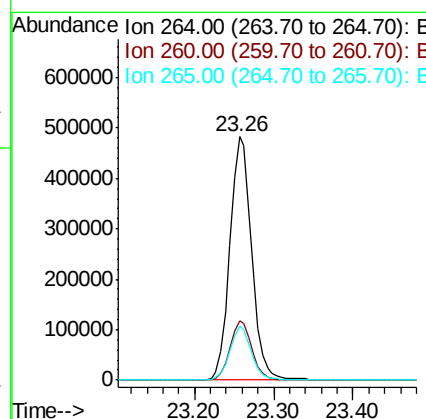
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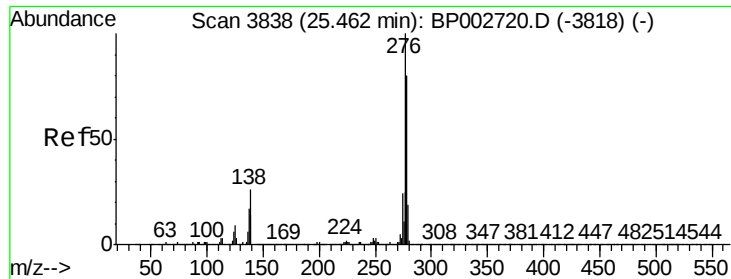
mohammad
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#86
Perylene-d12
Concen: 20.000 ng
RT: 23.26 min Scan# 3463
Delta R.T. -0.01 min
Lab File: BP002729.D
Acq: 13 Jul 2020 11:07

Tgt Ion	Ratio	Resp Lower	Upper
264	100		
260	24.3	19.3	28.9
265	22.3	16.8	25.2





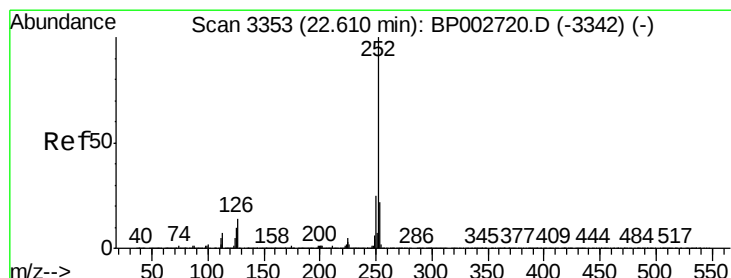
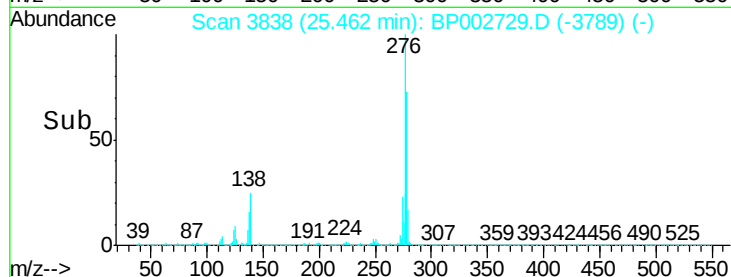
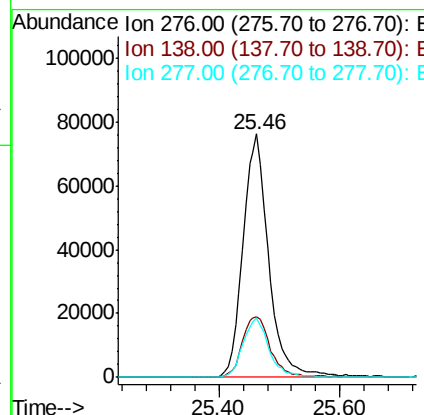
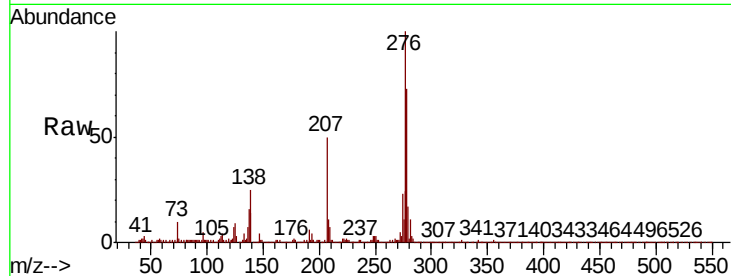
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 3.380 ng
 RT: 25.46 min Scan# 3838
 Delta R.T. -0.01 min
 Lab File: BP002729.D
 Acq: 13 Jul 2020 11:07

Instrument :
 BNA_P
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2020

Tot Ion:	276	Resp:	223614
Ion Ratio	Lower	Upper	
276	100		
138	27.6	20.8	31.2
277	24.8	20.0	30.0

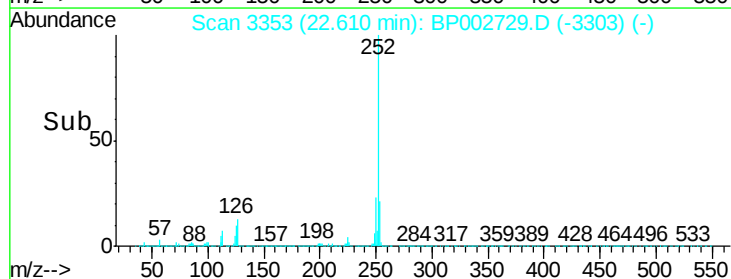
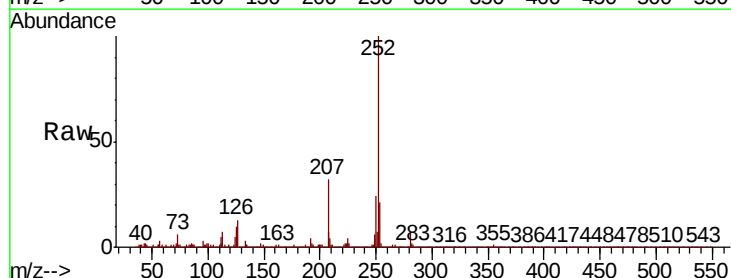
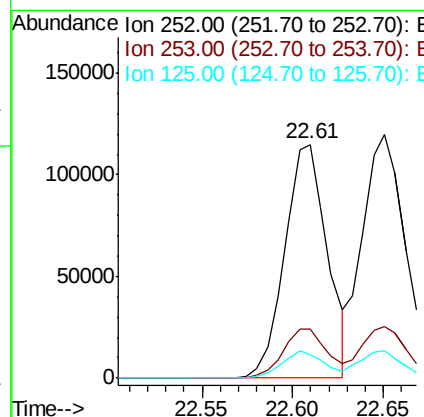
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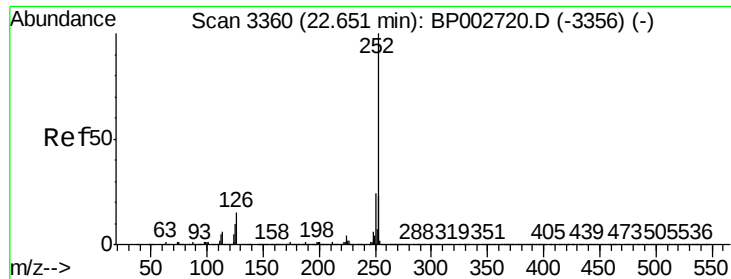
mohammad
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#88
 Benzo(b)fluoranthene
 Concen: 3.313 ng
 RT: 22.61 min Scan# 3353
 Delta R.T. -0.01 min
 Lab File: BP002729.D
 Acq: 13 Jul 2020 11:07

Tgt Ion:	252	Resp:	188286
Ion Ratio	Lower	Upper	
252	100		
253	21.1	17.7	26.5
125	10.2	8.2	12.2





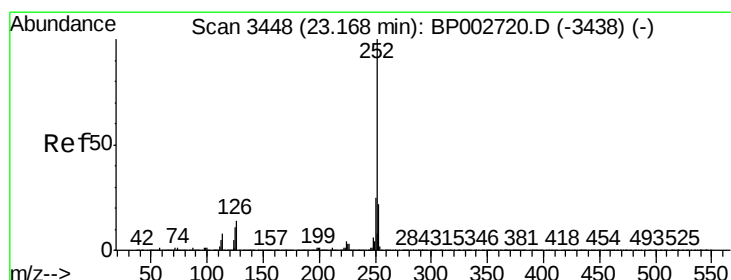
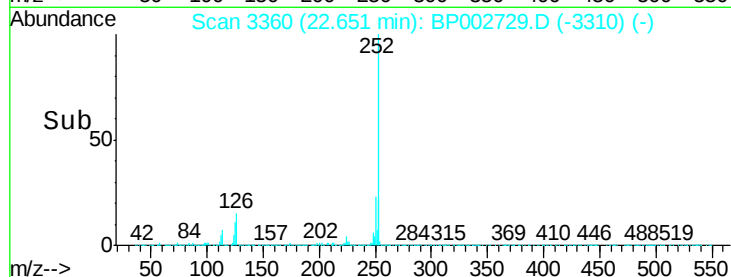
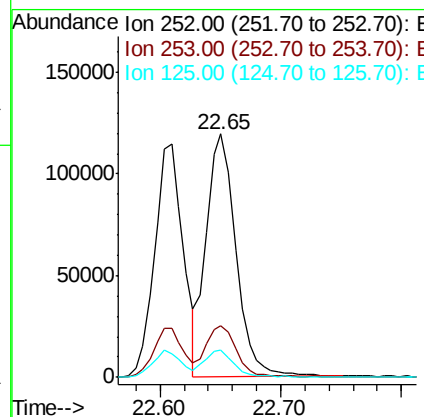
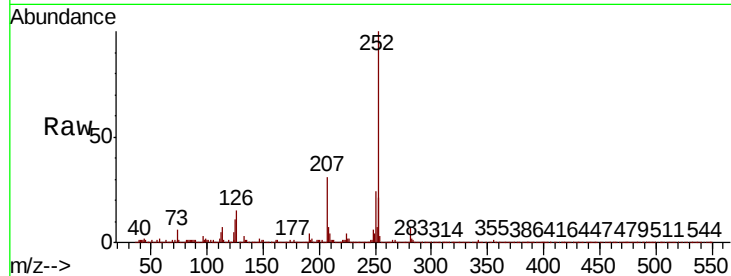
#89
Benzo(k)fluoranthene
Concen: 3.623 ng
RT: 22.65 min Scan# 3360
Delta R.T. -0.01 min
Lab File: BP002729.D
Acq: 13 Jul 2020 11:07

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2020

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.8	26.8
125	11.2	8.3	12.5

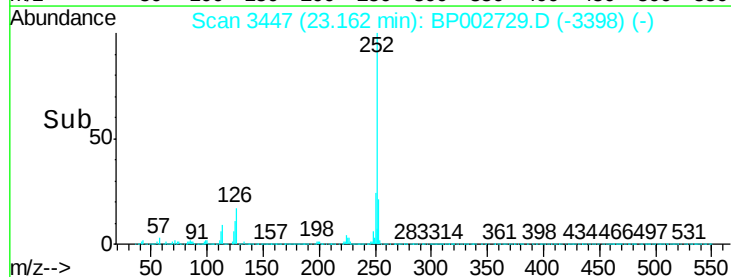
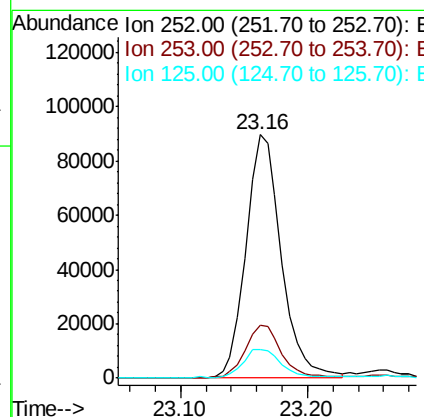
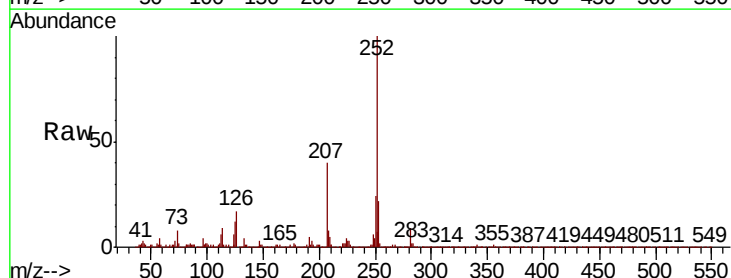
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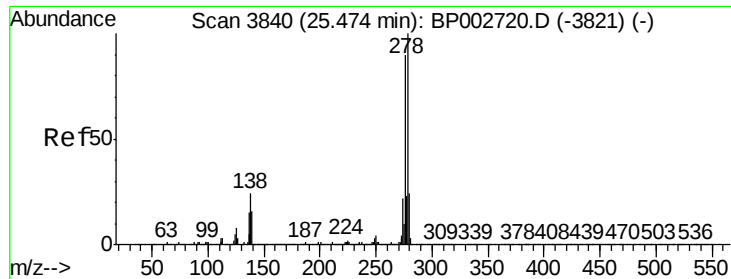
mohammad
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#90
Benzo(a)pyrene
Concen: 3.206 ng
RT: 23.16 min Scan# 3447
Delta R.T. -0.01 min
Lab File: BP002729.D
Acq: 13 Jul 2020 11:07

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.6	26.4
125	11.6	8.6	13.0





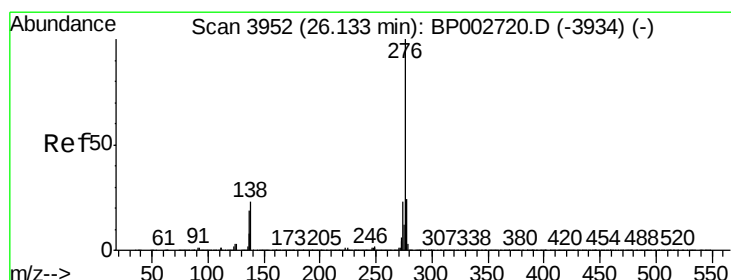
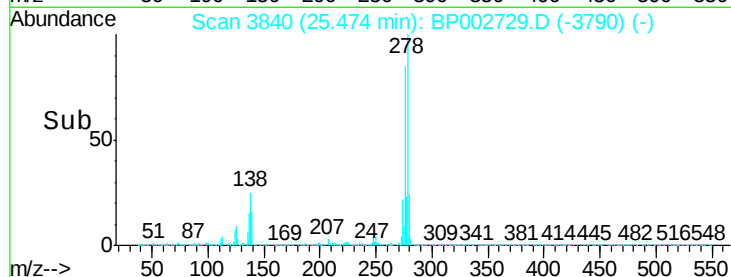
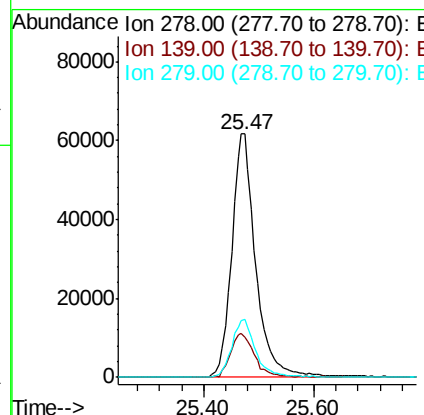
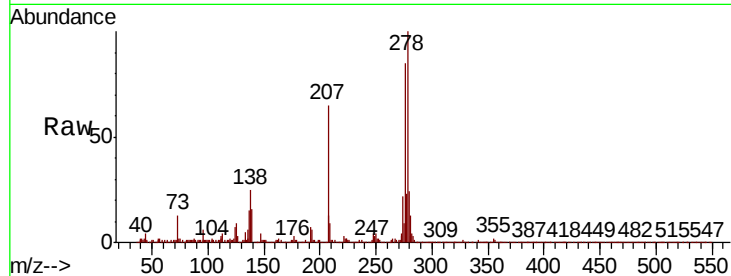
#91
Dibenzo(a,h)anthracene
Concen: 3.504 ng
RT: 25.47 min Scan# 3840
Delta R.T. -0.01 min
Lab File: BP002729.D
Acq: 13 Jul 2020 11:07

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2020

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.5	13.1	19.7
279	23.9	19.0	28.6

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 3.413 ng
RT: 26.13 min Scan# 3951
Delta R.T. -0.02 min
Lab File: BP002729.D
Acq: 13 Jul 2020 11:07

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.0	19.1	28.7
138	22.0	18.3	27.5

