

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP061020\
 Data File : BP002384.D
 Acq On : 10 Jun 2020 20:33
 Operator : CG/JU
 Sample : L1161-02
 Misc : L00--S-10PPM
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 LOQ-SOIL-02-QT1-2020

Manual Integrations
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mohammad
 6/11/2020 1:49:39 PM

Quant Time: Jun 11 05:09:22 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP060520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 11 03:54:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	175516	20.00	ng	0.00
21) Naphthalene-d8	10.36	136	696145	20.00	ng	0.00
39) Acenaphthene-d10	14.23	164	453660	20.00	ng	0.00
64) Phenanthrene-d10	16.99	188	1005322	20.00	ng	0.00
76) Chrysene-d12	21.10	240	1011610	20.00	ng	-0.01
86) Perylene-d12	23.30	264	1182310	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	1523879	160.66	ng	0.00
7) Phenol-d6	6.78	99	1993539	157.86	ng	0.00
23) Nitrobenzene-d5	8.73	82	1332913	114.34	ng	0.00
42) 2,4,6-Tribromophenol	15.74	330	990092	227.95	ng	0.00
45) 2-Fluorobiphenyl	12.86	172	3035501	112.51	ng	0.00
79) Terphenyl-d14	19.59	244	4561604	118.15	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.17	88	45397	10.390	ng	99
3) Pyridine	3.55	79	104701	8.817	ng	99
4) n-Nitrosodimethylamine	3.46	42	45478	9.293	ng	98
6) Aniline	6.92	93	172165	10.024	ng	99
8) 2-Chlorophenol	7.16	128	109049	10.225	ng	99
9) Benzaldehyde	6.73	77	98863	15.322	ng	98
10) Phenol	6.80	94	135140	9.867	ng	99
11) bis(2-Chloroethyl)ether	7.03	93	110659	9.677	ng	100
12) 1,3-Dichlorobenzene	7.48	146	124366	10.127	ng	99
13) 1,4-Dichlorobenzene	7.63	146	126593	10.246	ng	97
14) 1,2-Dichlorobenzene	7.94	146	120977	10.221	ng	99
15) Benzyl Alcohol	7.83	79	86138	8.800	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.12	45	148662	9.162	ng	98
17) 2-Methylphenol	8.04	107	89251	8.918	ng	99
18) Hexachloroethane	8.66	117	42778	9.503	ng	91
19) n-Nitroso-di-n-propylamine	8.39	70	85915	10.178	ng	99
20) 3+4-Methylphenols	8.36	107	121021	8.960	ng	99
22) Acetophenone	8.40	105	176343	11.275	ng	# 99
24) Nitrobenzene	8.78	77	132014	10.535	ng	95
25) Isophorone	9.30	82	239891	10.104	ng	97
26) 2-Nitrophenol	9.49	139	53015	9.495	ng	99
27) 2,4-Dimethylphenol	9.56	122	87029	9.935	ng	95
28) bis(2-Chloroethoxy)methane	9.79	93	149164	10.548	ng	99
29) 2,4-Dichlorophenol	10.02	162	102064	10.351	ng	94
30) 1,2,4-Trichlorobenzene	10.23	180	122063	11.105	ng	98
31) Naphthalene	10.41	128	354891	10.973	ng	99
32) Benzoic acid	9.64	122	21770m	3.267	ng	
33) 4-Chloroaniline	10.52	127	142797	10.114	ng	98
34) Hexachlorobutadiene	10.72	225	73438	11.449	ng	96
35) Caprolactam	11.26	113	36033	10.361	ng	99
36) 4-Chloro-3-methylphenol	11.66	107	105376	9.877	ng	95
37) 2-Methylnaphthalene	12.03	142	258734	11.271	ng	98
38) 1-Methylnaphthalene	12.26	142	245455	11.392	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.41	216	146047	12.213	ng	98

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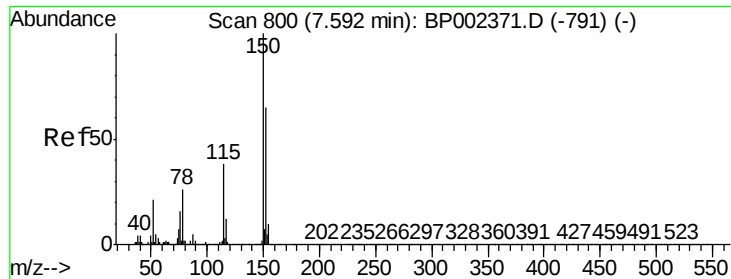
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Quant Time: Jun 11 05:09:22 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP060520.M
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 QLast Update : Thu Jun 11 03:54:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.40	237	62014	9.754	nq	95
43) 2,4,6-Trichlorophenol	12.66	196	84789	10.018	nq	99
44) 2,4,5-Trichlorophenol	12.73	196	93316	9.522	nq	96
46) 1,1'-Biphenyl	13.06	154	349046	11.740	nq	99
47) 2-Chloronaphthalene	13.10	162	258109	10.613	nq	98
48) 2-Nitroaniline	13.30	65	63919	8.233	nq	98
49) Acenaphthylene	13.95	152	418342	10.777	nq	99
50) Dimethylphthalate	13.70	163	325484	10.471	nq	100
51) 2,6-Dinitrotoluene	13.81	165	65831	9.752	nq	96
52) Acenaphthene	14.30	154	248097	10.910	nq	100
53) 3-Nitroaniline	14.13	138	64085	8.314	nq	100
54) 2,4-Dinitrophenol	14.35	184	22418	6.055	nq	96
55) Dibenzofuran	14.64	168	413779	11.302	nq	99
56) 4-Nitrophenol	14.46	139	48667	7.952	nq	95
57) 2,4-Dinitrotoluene	14.60	165	85329	9.286	nq	99
58) Fluorene	15.29	166	324416	11.266	nq	97
59) 2,3,4,6-Tetrachlorophenol	14.87	232	85694	11.015	nq	94
60) Diethylphthalate	15.08	149	322772	10.363	nq	99
61) 4-Chlorophenyl-phenylether	15.30	204	171310	12.272	nq	93
62) 4-Nitroaniline	15.30	138	67669	9.136	nq	97
63) Azobenzene	15.59	77	314312	10.138	nq	99
65) 4,6-Dinitro-2-methylphenol	15.37	198	43806	8.258	nq	97
66) n-Nitrosodiphenylamine	15.51	169	286603	11.160	nq	99
67) 4-Bromophenyl-phenylether	16.19	248	109784	11.528	nq	96
68) Hexachlorobenzene	16.30	284	129379	12.802	nq	95
69) Atrazine	16.47	200	110206	13.155	nq	98
70) Pentachlorophenol	16.65	266	55060	9.107	nq	94
71) Phenanthrene	17.03	178	534807	11.372	nq	100
72) Anthracene	17.13	178	533602	11.422	nq	98
73) Carbazole	17.40	167	482115	10.491	nq	98
74) Di-n-butylphthalate	17.99	149	524374	9.642	nq	98
75) Fluoranthene	19.02	202	641254	11.424	nq	99
77) Benzidine	19.20	184	309610	13.697	nq	99
78) Pyrene	19.37	202	674382	10.883	nq	98
80) Butylbenzylphthalate	20.27	149	222617	8.082	nq	96
81) Benzo(a)anthracene	21.08	228	664583	11.509	nq	99
82) 3,3'-Dichlorobenzidine	21.02	252	258301	12.037	nq	99
83) Chrysene	21.13	228	645804	11.805	nq	99
84) Bis(2-ethylhexyl)phthalate	21.05	149	364503	9.097	nq	# 99
85) Di-n-octyl phthalate	21.91	149	598572	8.517	nq	99
87) Indeno(1,2,3-cd)pyrene	25.50	276	788717	10.666	nq	97
88) Benzo(b)fluoranthene	22.64	252	684386	10.734	nq	98
89) Benzo(k)fluoranthene	22.68	252	657577	10.855	nq	99
90) Benzo(a)pyrene	23.20	252	601372	10.065	nq	97
91) Dibenzo(a,h)anthracene	25.52	278	662975	11.176	nq	98
92) Benzo(g,h,i)perylene	26.17	276	659525	10.735	nq	95

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



#1

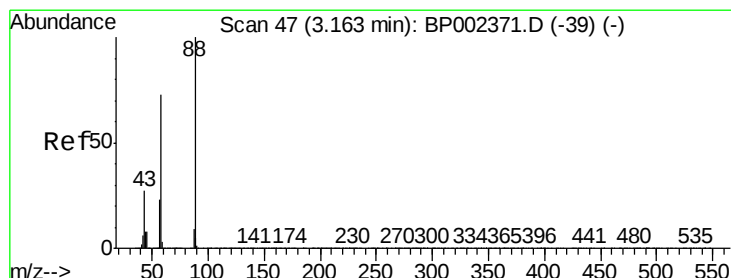
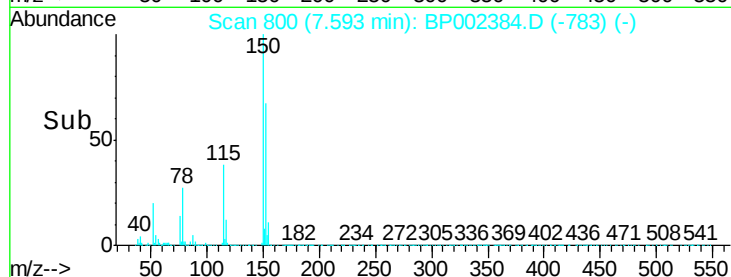
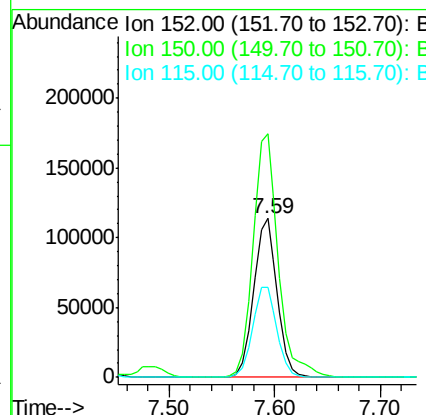
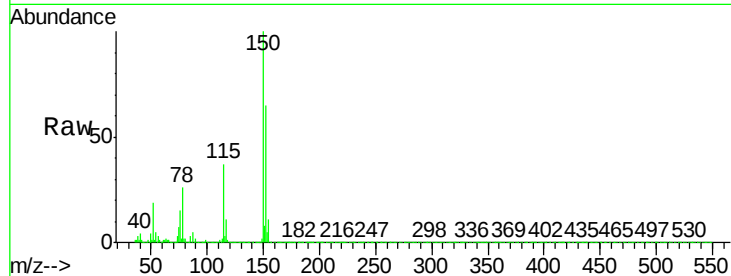
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.59 min Scan# 800
Delta R.T. 0.00 min
Lab File: BP002384.D
Acq: 10 Jun 2020 20:33

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT1-2020

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.5	124.0	186.0
115	57.0	47.4	71.0

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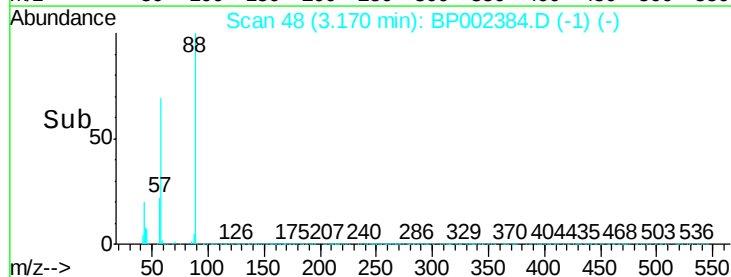
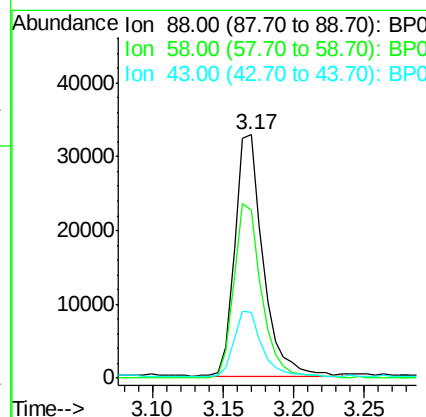
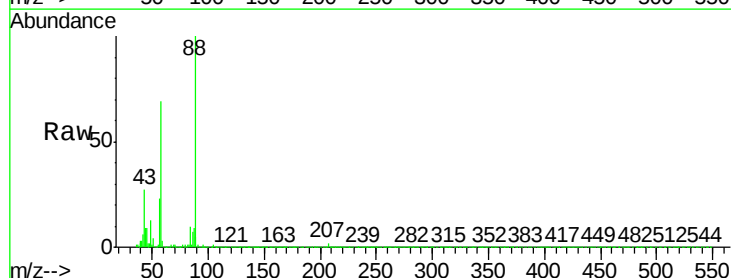
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#2

1,4-Dioxane
Concen: 10.390 ng
RT: 3.17 min Scan# 48
Delta R.T. 0.01 min
Lab File: BP002384.D
Acq: 10 Jun 2020 20:33

Tgt Ion	Ratio	Lower	Upper
88	100		
58	71.8	58.2	87.4
43	26.7	21.8	32.8





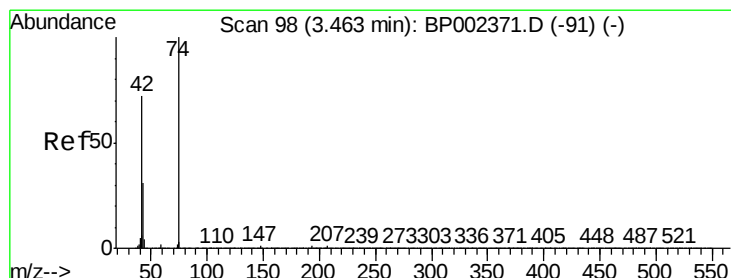
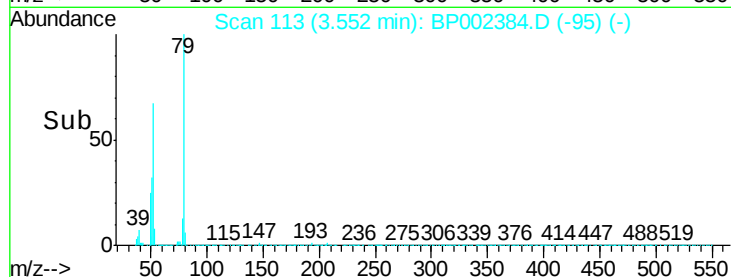
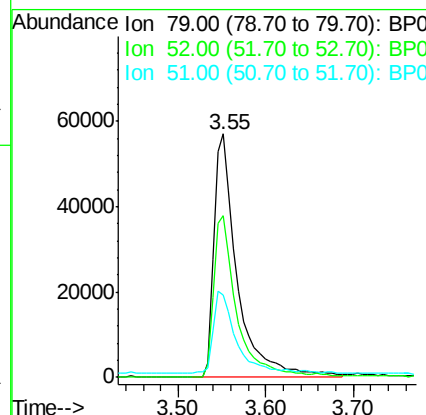
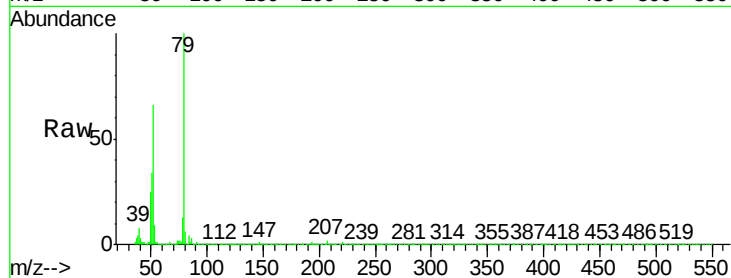
#3
Pvridine
Concen: 8.817 ng
RT: 3.55 min Scan# 113
Delta R.T. 0.01 min
Lab File: BP002384.D
Acq: 10 Jun 2020 20:33

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT1-2020

Tot Ion	Ion	Ratio	Lower	Upper
79	100			
52	66.3	52.5	78.7	
51	33.9	26.1	39.1	

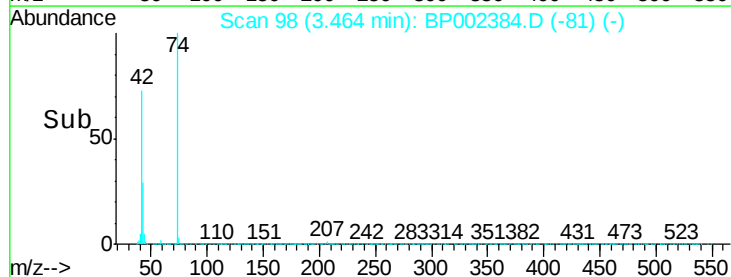
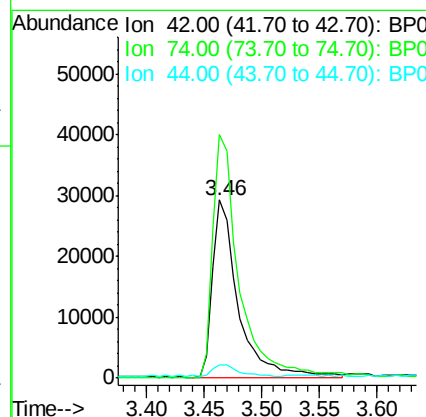
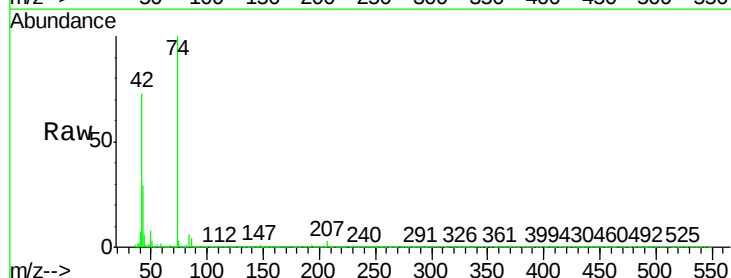
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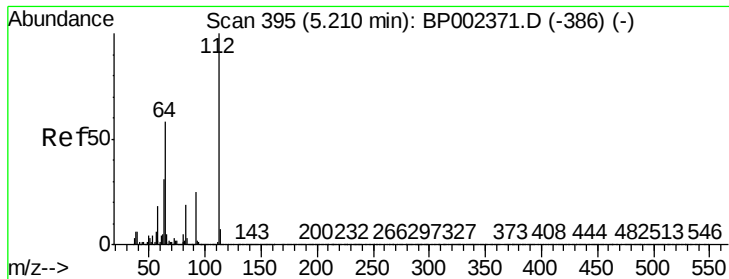
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#4
n-Nitrosodimethylamine
Concen: 9.293 ng
RT: 3.46 min Scan# 98
Delta R.T. 0.00 min
Lab File: BP002384.D
Acq: 10 Jun 2020 20:33

Tgt Ion	Ion	Ratio	Lower	Upper
42	100			
74	136.6	111.1	166.7	
44	7.6	5.4	8.0	





#5

2-Fluorophenol

Concen: 160.658 ng

RT: 5.21 min Scan# 395

Delta R.T. 0.00 min

Lab File: BP002384.D

Acq: 10 Jun 2020 20:33

Instrument :

BNA_P

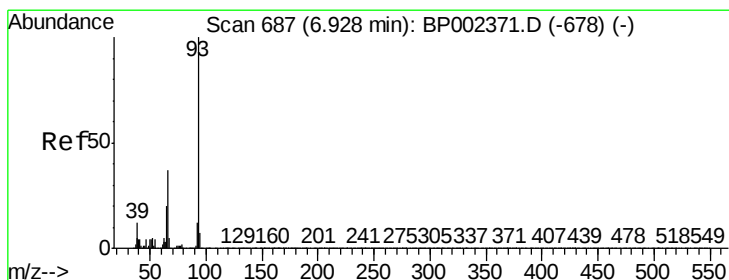
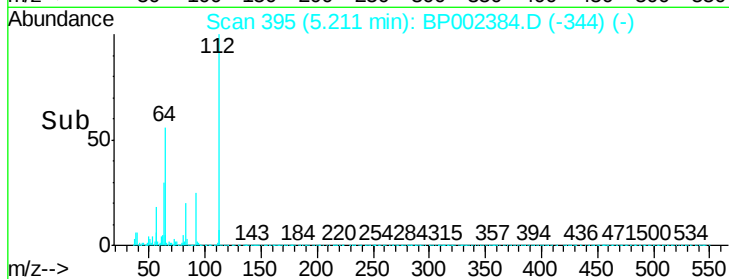
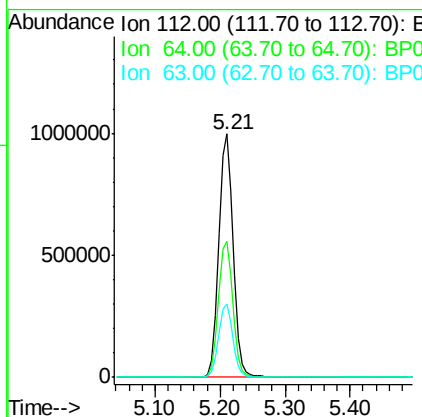
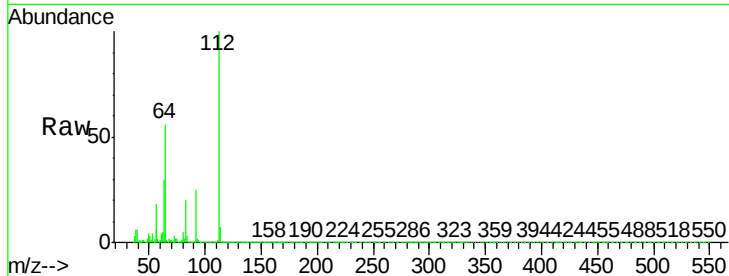
ClientSampleId :

LOQ-SOIL-02-QT1-2020

Tot Ion:	112	Resp:	1523879
Ion Ratio	Lower	Upper	
112	100		
64	55.6	46.2	69.2
63	30.0	24.5	36.7

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#6

Aniline

Concen: 10.024 ng

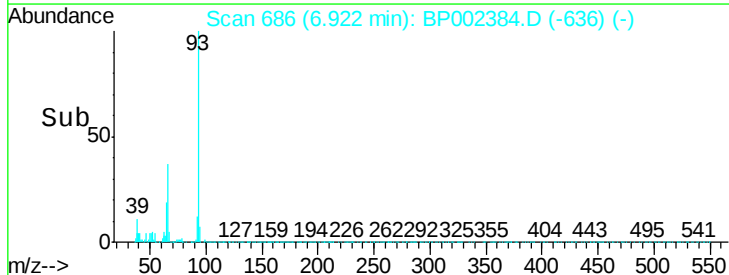
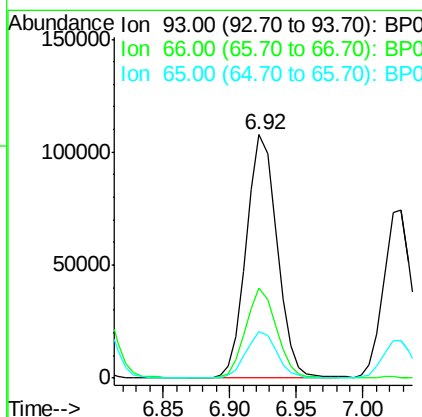
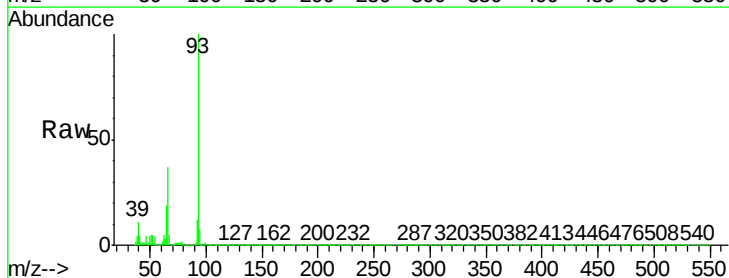
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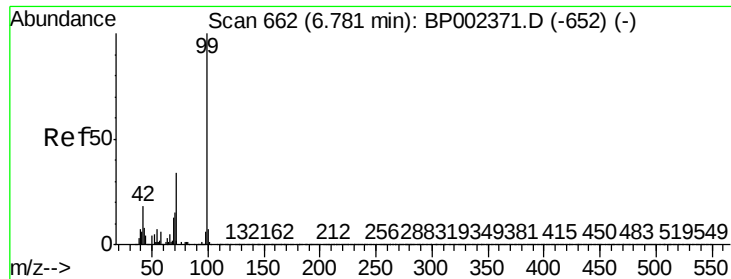
Delta R.T. -0.01 min

Lab File: BP002384.D

Acq: 10 Jun 2020 20:33

Tgt Ion:	93	Resp:	172165
Ion Ratio	Lower	Upper	
93	100		
66	36.8	29.8	44.6
65	18.9	15.7	23.5





#7

Phenol-d6

Concen: 157.860 ng

RT: 6.78 min Scan# 662

Delta R.T. 0.00 min

Lab File: BP002384.D

Acq: 10 Jun 2020 20:33

Instrument :

BNA_P

ClientSampleId :

LOQ-SOIL-02-QT1-2020

Tot Ion: 99 Resp: 1993539

Ion Ratio Lower Upper

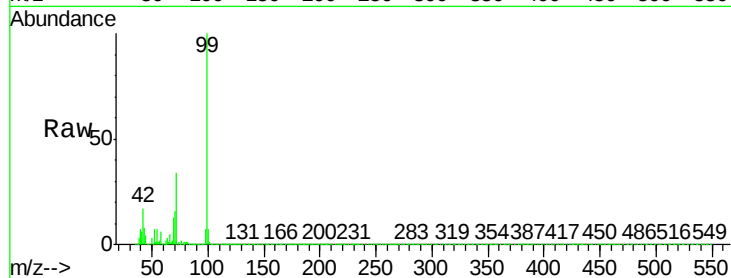
99 100

42 17.4 14.6 22.0

71 34.2 27.2 40.8

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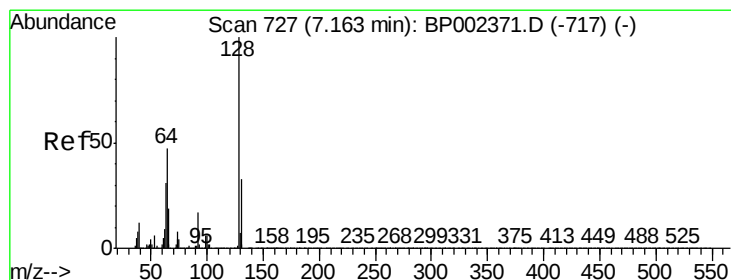
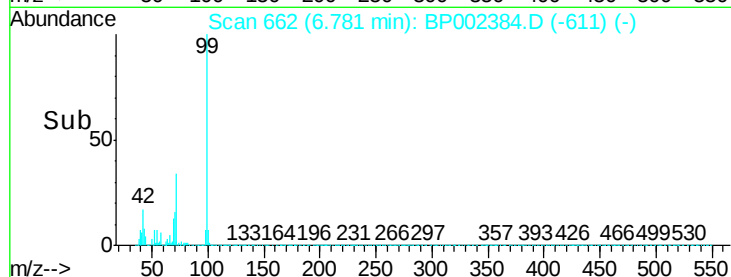
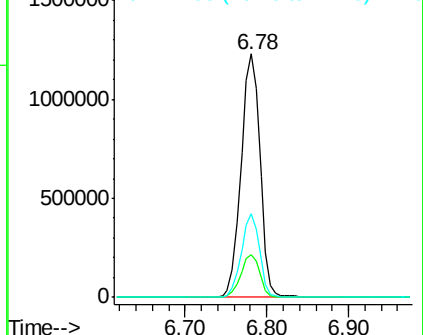
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Abundance Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0



#8

2-Chlorophenol

Concen: 10.225 ng

RT: 7.16 min Scan# 726

Delta R.T. -0.01 min

Lab File: BP002384.D

Acq: 10 Jun 2020 20:33

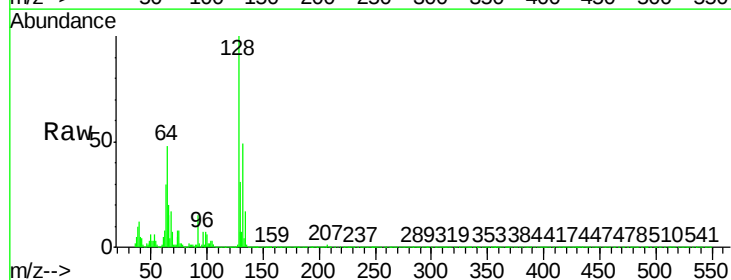
Tgt Ion: 128 Resp: 109049

Ion Ratio Lower Upper

128 100

130 31.1 12.5 52.5

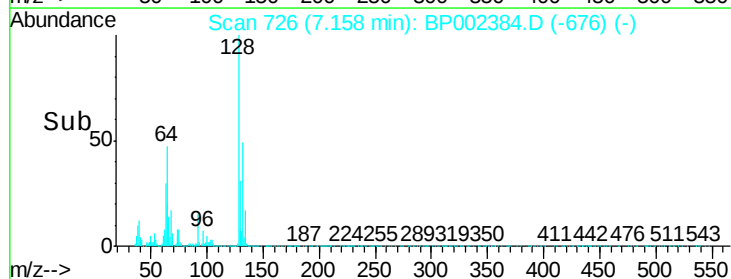
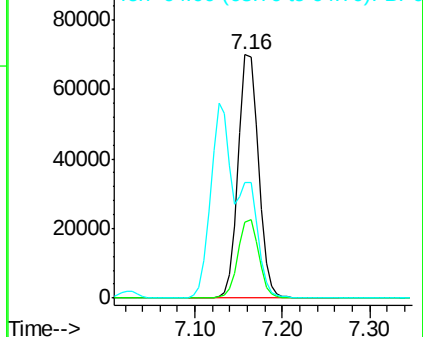
64 47.6 27.7 67.7

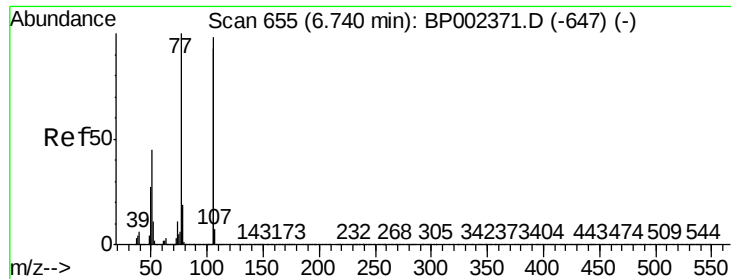


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BP0





#9

Benzaldehyde

Concen: 15.322 ng

RT: 6.73 min Scan# 654

Delta R.T. -0.00 min

Lab File: BP002384.D

Acq: 10 Jun 2020 20:33

Instrument :

BNA_P

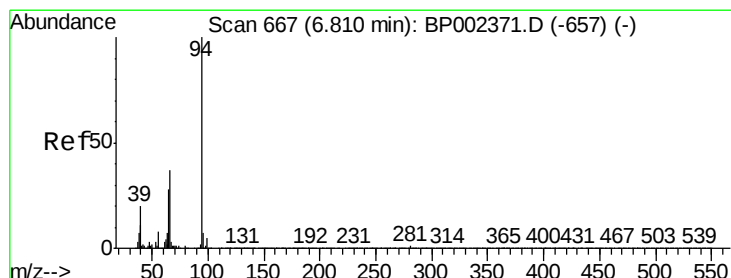
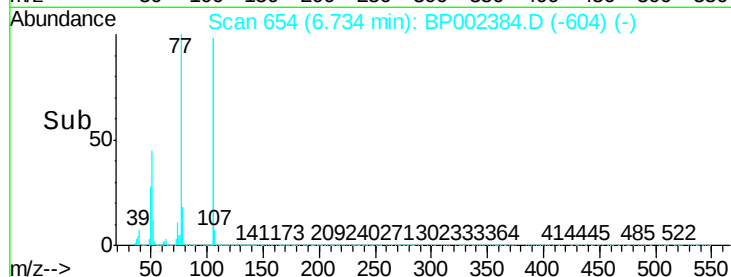
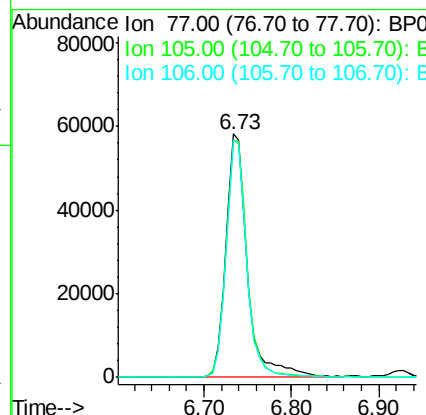
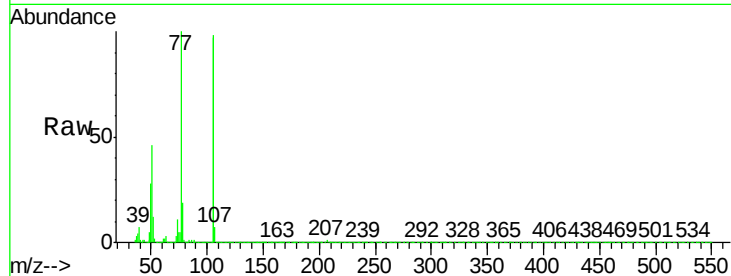
ClientSampleId :

LOQ-SOIL-02-QT1-2020

Tot Ion:	77	Resp:	98863
Ion Ratio	Lower	Upper	
77	100		
105	97.6	78.1	118.1
106	97.3	73.2	113.2

Manual Integrations
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#10

Phenol

Concen: 9.867 ng

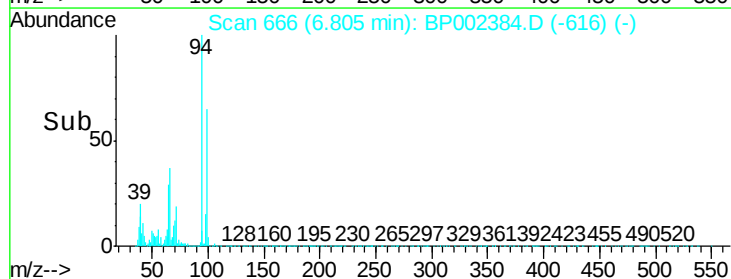
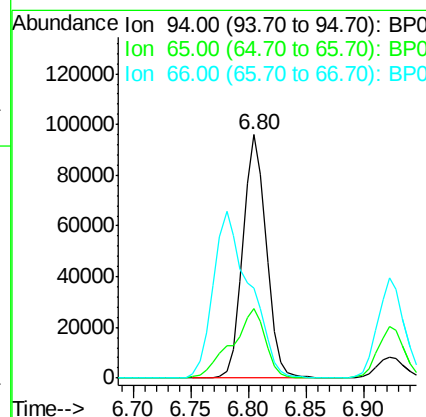
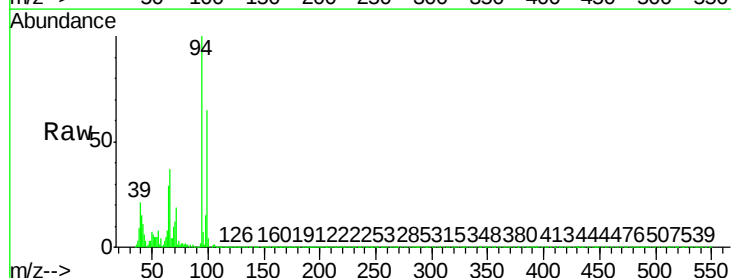
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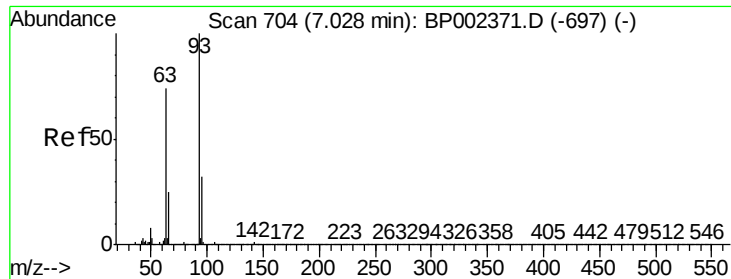
Delta R.T. -0.01 min

Lab File: BP002384.D

Acq: 10 Jun 2020 20:33

Tgt Ion:	94	Resp:	135140
Ion Ratio	Lower	Upper	
94	100		
65	28.8	7.7	47.7
66	37.1	16.9	56.9





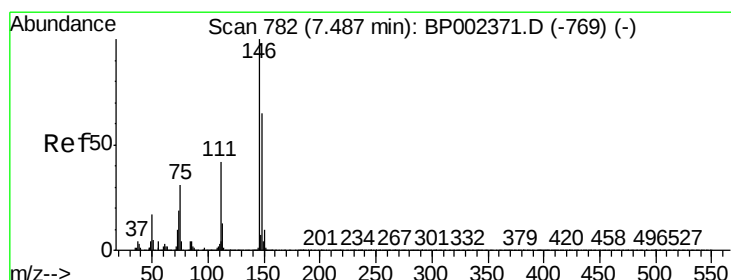
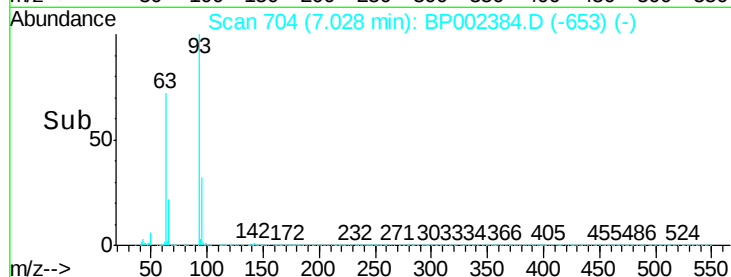
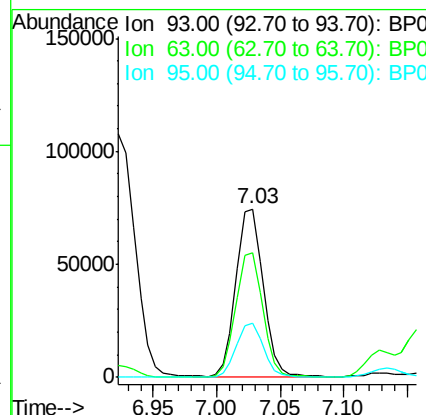
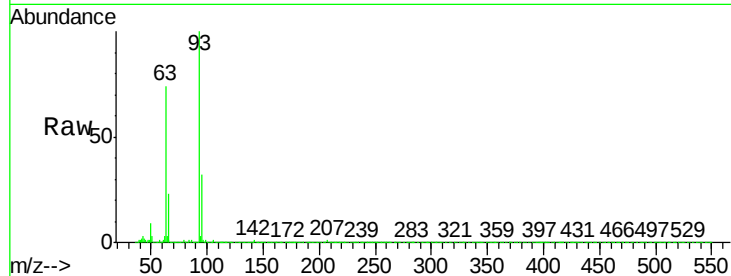
#11
bis(2-Chloroethyl)ether
Concen: 9.677 ng
RT: 7.03 min Scan# 704
Delta R.T. 0.00 min
Lab File: BP002384.D
Acq: 10 Jun 2020 20:33

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT1-2020

Tot Ion	Ratio	Resp	Lower	Upper
93	100	110659		
63	74.1	54.2	94.2	
95	32.2	11.8	51.8	

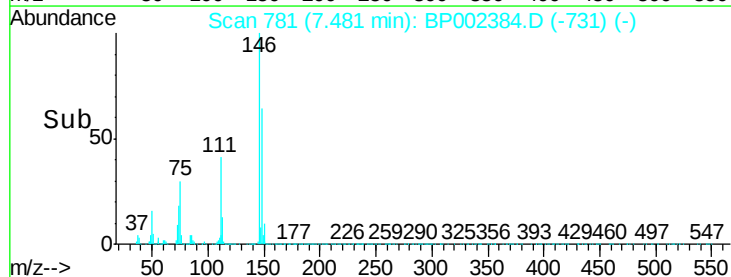
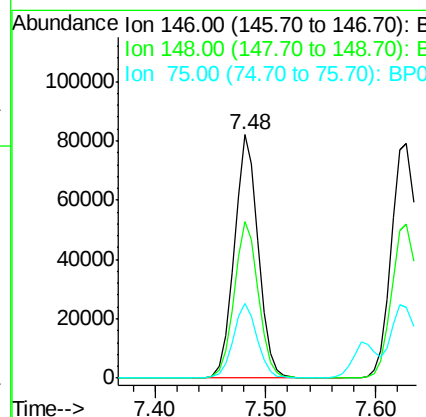
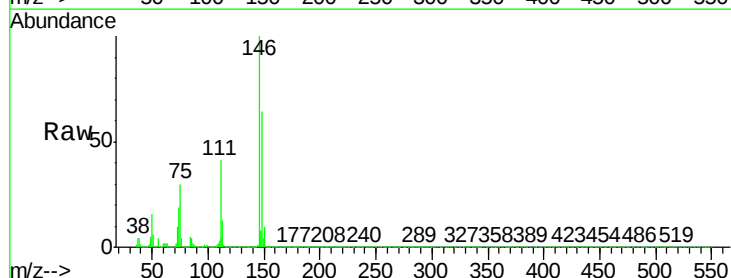
Manual Integrations
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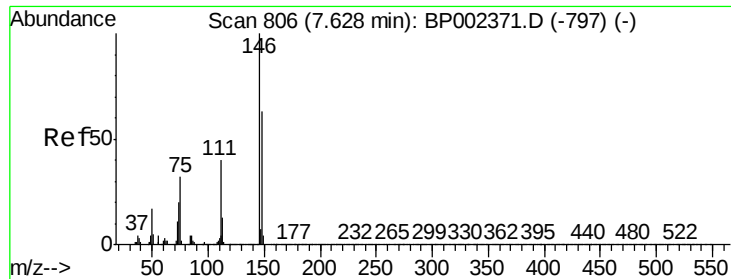
mohammad
6/11/2020 1:49:39 PM



#12
1,3-Dichlorobenzene
Concen: 10.127 ng
RT: 7.48 min Scan# 781
Delta R.T. -0.01 min
Lab File: BP002384.D
Acq: 10 Jun 2020 20:33

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	124366		
148	64.1	51.6	77.4	
75	30.5	25.0	37.4	





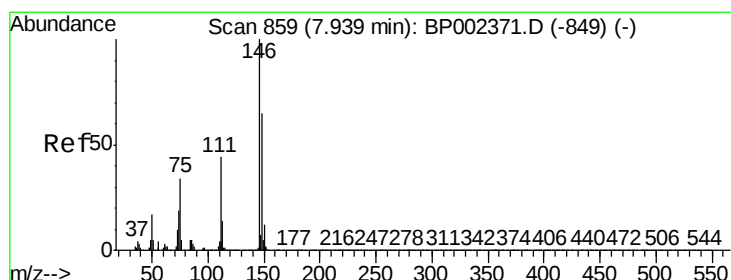
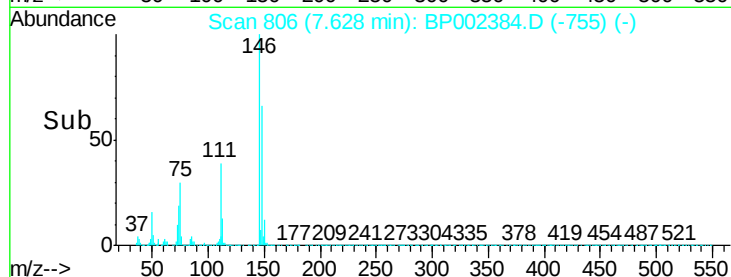
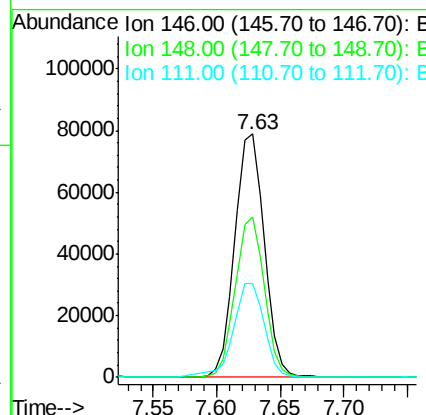
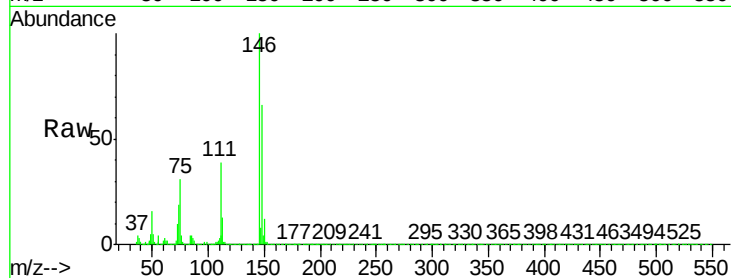
#13
1,4-Dichlorobenzene
Concen: 10.246 ng
RT: 7.63 min Scan# 806
Delta R.T. 0.00 min
Lab File: BP002384.D
Acq: 10 Jun 2020 20:33

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT1-2020

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.7	50.7	76.1
111	38.6	32.2	48.2

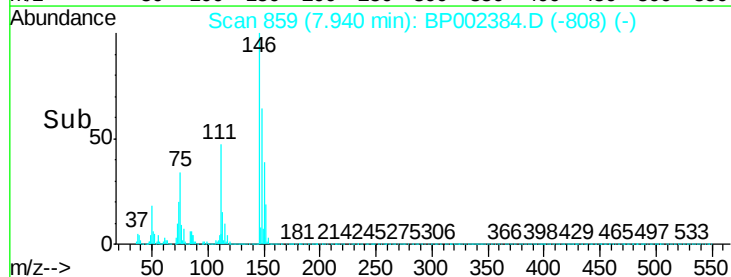
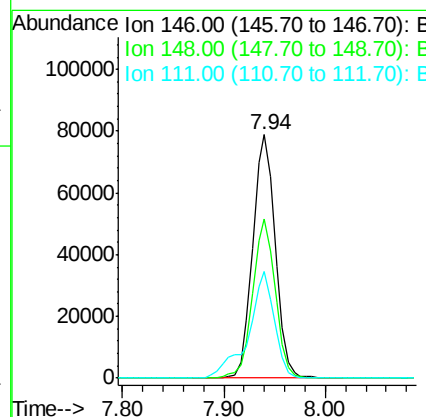
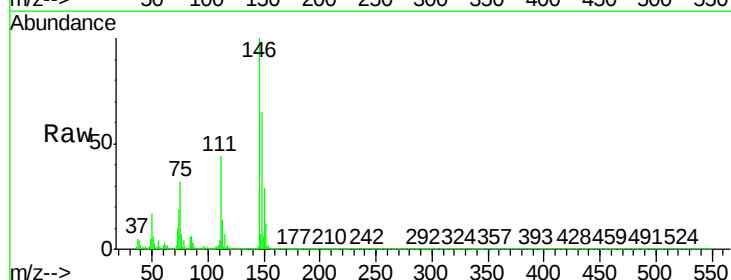
Manual Integrations
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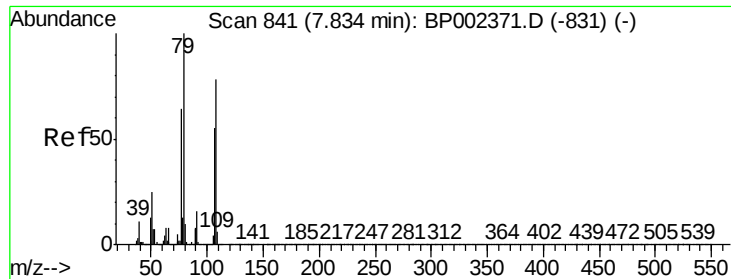
mohammad
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#14
1,2-Dichlorobenzene
Concen: 10.221 ng
RT: 7.94 min Scan# 859
Delta R.T. 0.00 min
Lab File: BP002384.D
Acq: 10 Jun 2020 20:33

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.2	51.8	77.6
111	43.9	35.4	53.2





#15

Benzyl Alcohol

Concen: 8.800 ng

RT: 7.83 min Scan# 840

Delta R.T. -0.01 min

Lab File: BP002384.D

Acq: 10 Jun 2020 20:33

Instrument :

BNA_P

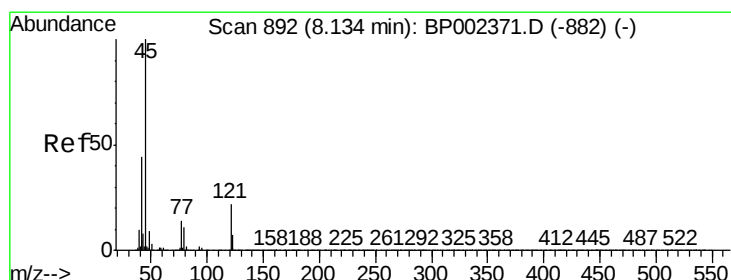
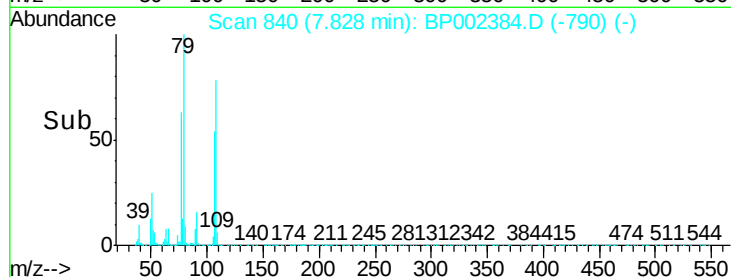
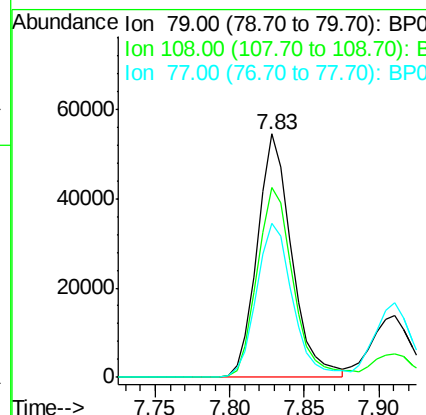
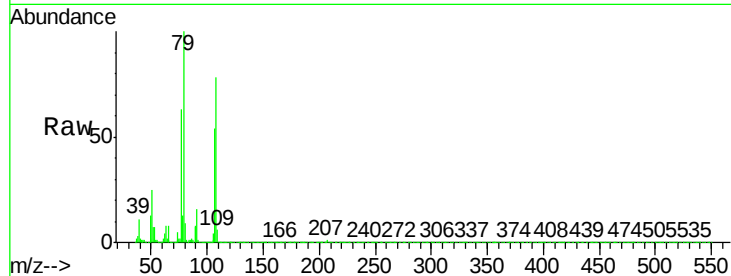
ClientSampleId :

LOQ-SOIL-02-QT1-2020

Tot Ion:	79	Resp:	86138
Ion Ratio	Lower	Upper	
79	100		
108	77.9	62.6	94.0
77	63.1	51.5	77.3

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 9.162 ng

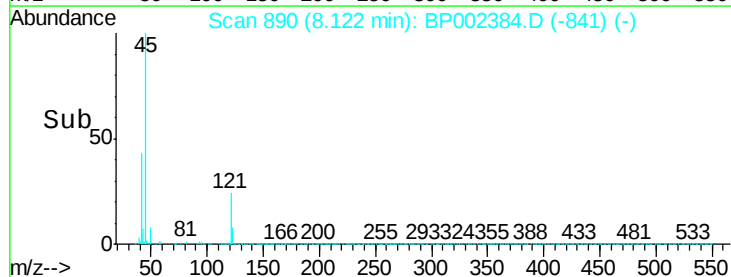
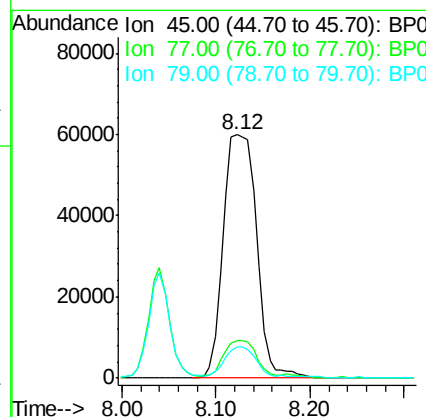
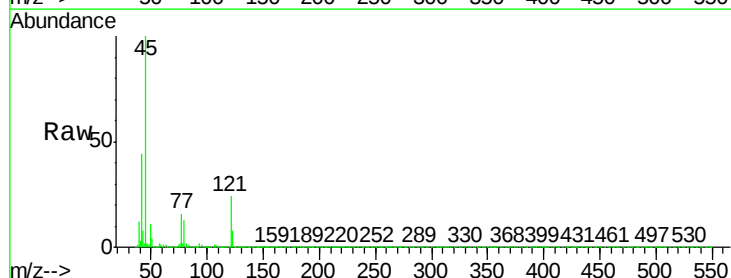
RT: 8.12 min Scan# 890

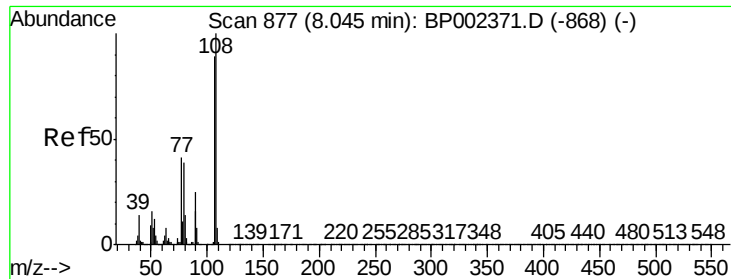
Delta R.T. -0.01 min

Lab File: BP002384.D

Acq: 10 Jun 2020 20:33

Tgt Ion:	45	Resp:	148662
Ion Ratio	Lower	Upper	
45	100		
77	15.6	0.0	35.0
79	12.8	0.0	32.0





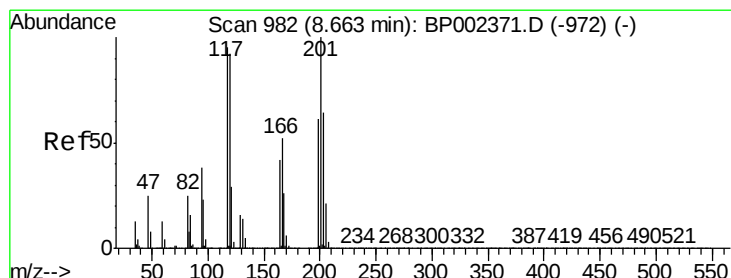
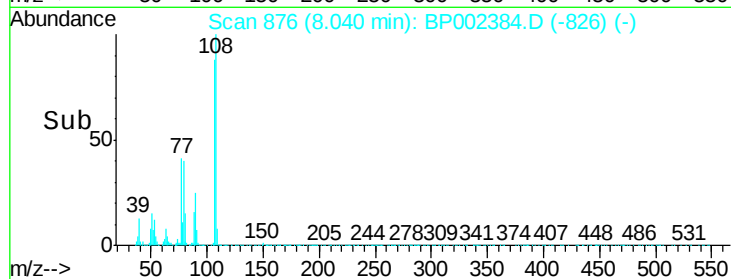
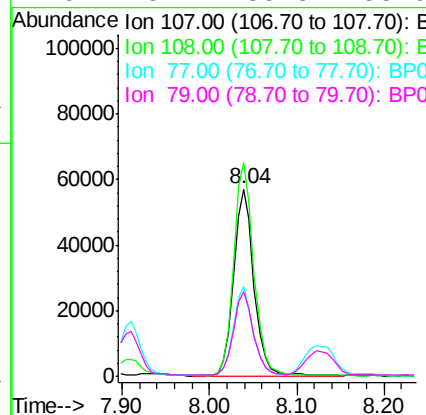
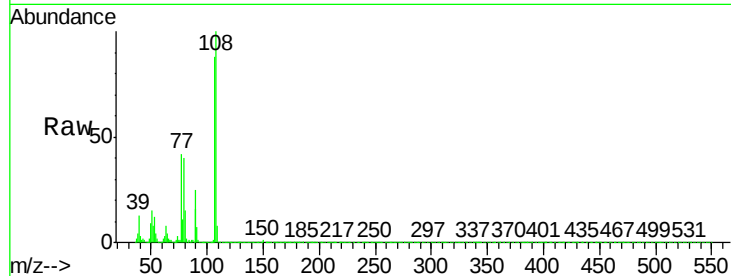
#17
2-Methylphenol
Concen: 8.918 ng
RT: 8.04 min Scan# 876
Delta R.T. -0.01 min
Lab File: BP002384.D
Acq: 10 Jun 2020 20:33

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT1-2020

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.2	90.3	135.5	
77	47.6	37.1	55.7	
79	45.4	35.8	53.6	

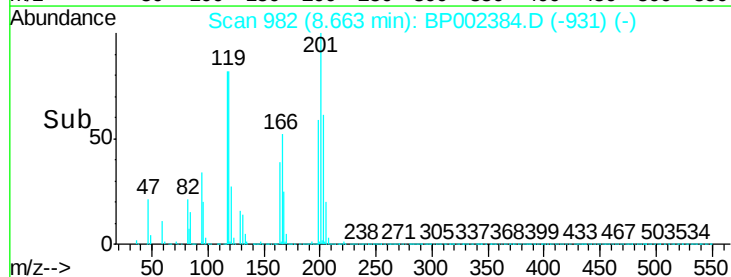
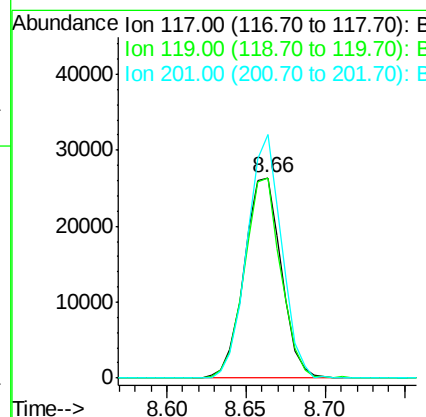
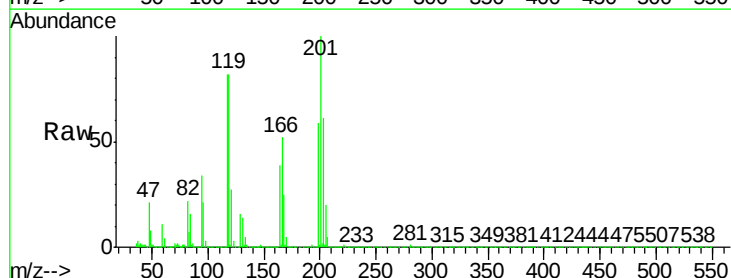
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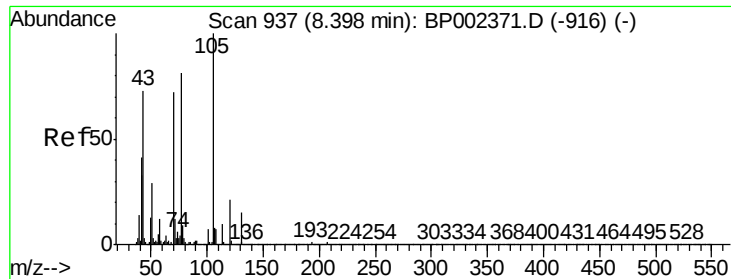
mohammad
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#18
Hexachloroethane
Concen: 9.503 ng
RT: 8.66 min Scan# 982
Delta R.T. 0.00 min
Lab File: BP002384.D
Acq: 10 Jun 2020 20:33

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	99.8	77.8	116.8	
201	121.5	84.2	126.4	





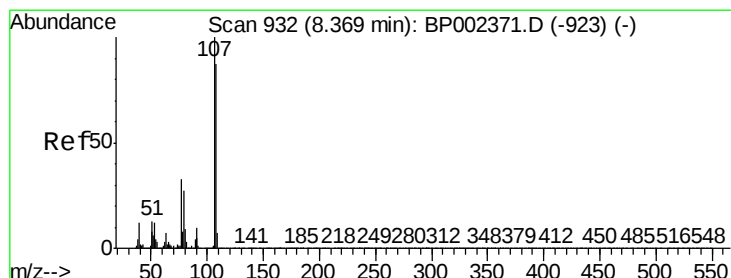
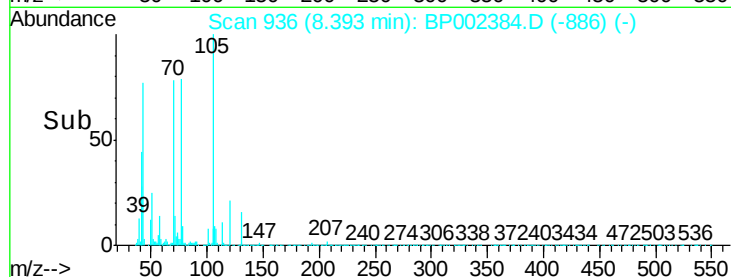
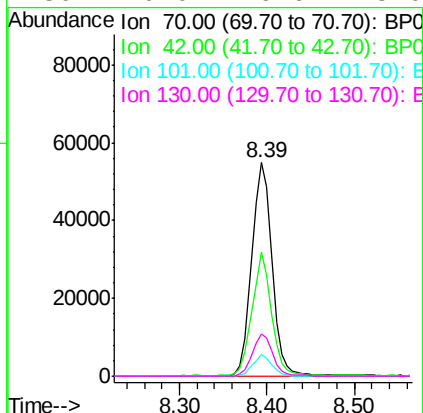
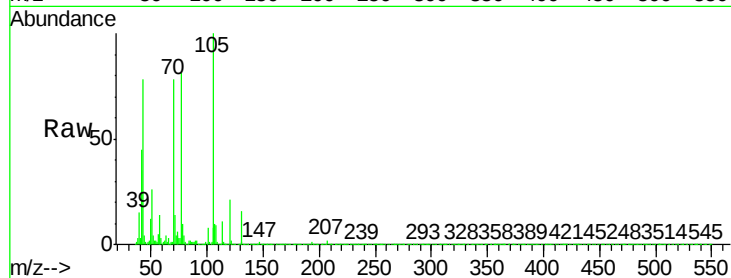
#19
n-Nitroso-di-n-propylamine
Concen: 10.178 ng
RT: 8.39 min Scan# 936
Delta R.T. -0.01 min
Lab File: BP002384.D
Acq: 10 Jun 2020 20:33

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT1-2020

Tot Ion	Ratio	Lower	Upper
70	100		
42	57.9	45.7	68.5
101	10.4	7.5	11.3
130	20.0	16.6	25.0

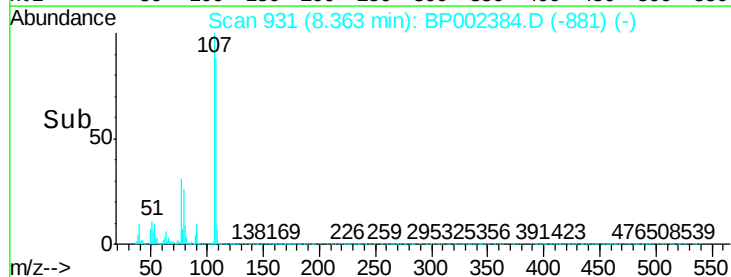
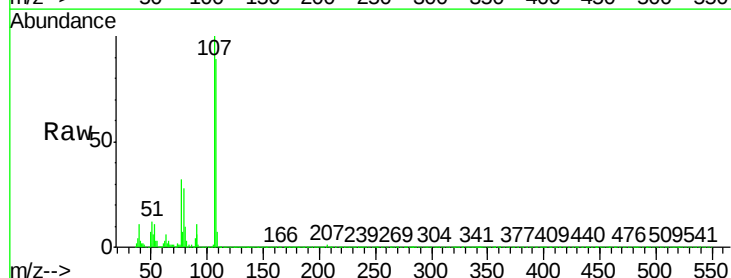
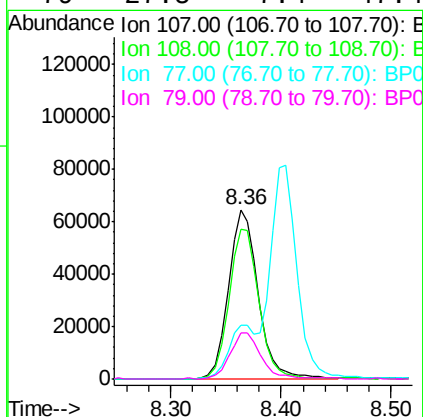
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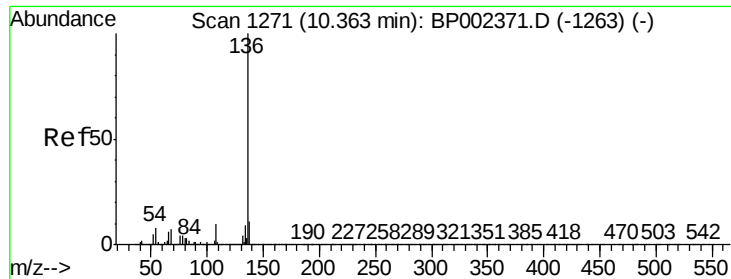
mohammad
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#20
3+4-Methylphenols
Concen: 8.960 ng
RT: 8.36 min Scan# 931
Delta R.T. -0.01 min
Lab File: BP002384.D
Acq: 10 Jun 2020 20:33

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.7	67.5	107.5
77	32.0	13.5	53.5
79	27.5	7.4	47.4





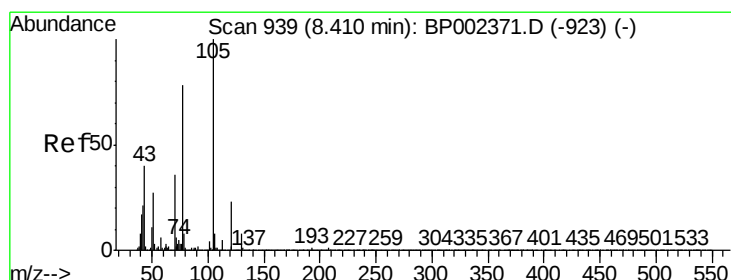
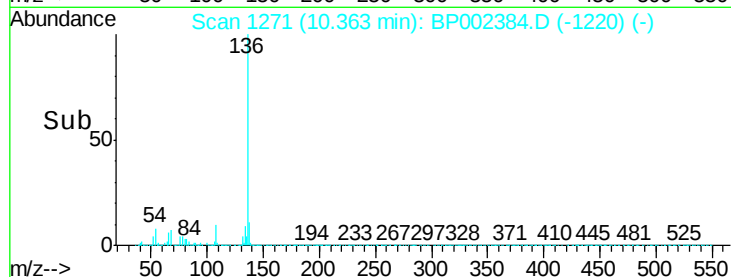
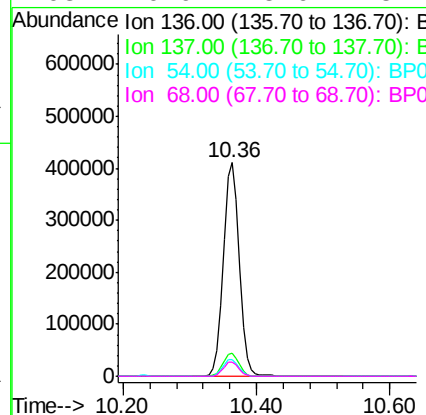
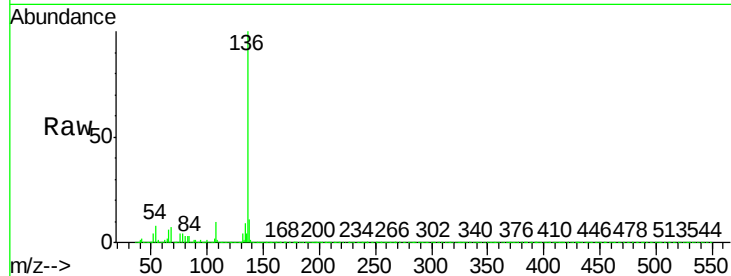
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.36 min Scan# 1271
Delta R.T. 0.00 min
Lab File: BP002384.D
Acq: 10 Jun 2020 20:33

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT1-2020

Tot Ion	Ratio	Resp	Lower	Upper
136	100	696145		
137	10.9	8.8	13.2	
54	7.9	6.4	9.6	
68	6.9	5.6	8.4	

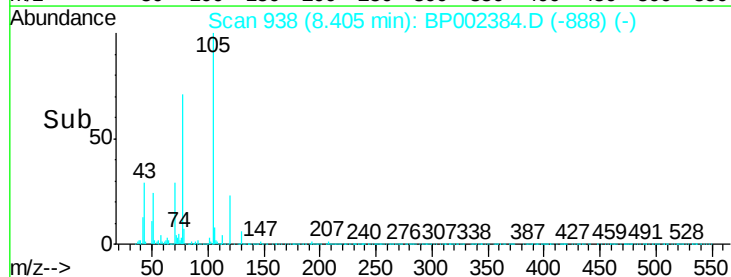
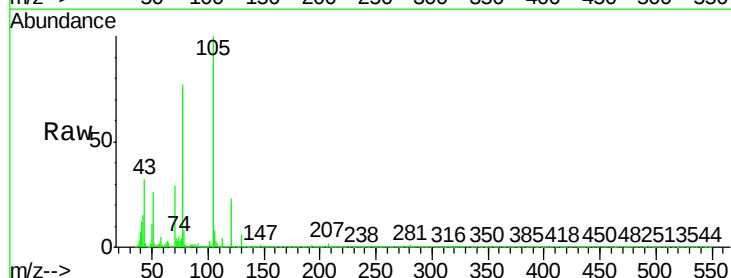
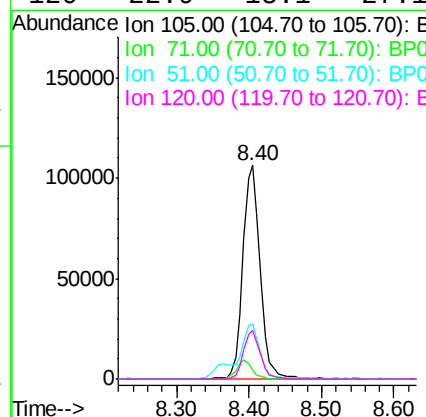
Manual Integrations
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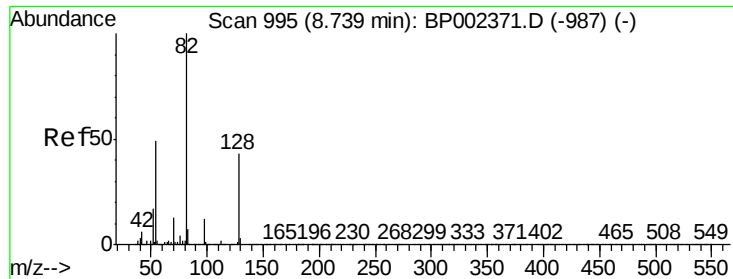
mohammad
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#22
Acetophenone
Concen: 11.275 ng
RT: 8.40 min Scan# 938
Delta R.T. -0.01 min
Lab File: BP002384.D
Acq: 10 Jun 2020 20:33

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	176343		
71	4.3	4.7	7.1#	
51	26.1	21.4	32.0	
120	22.9	18.1	27.1	





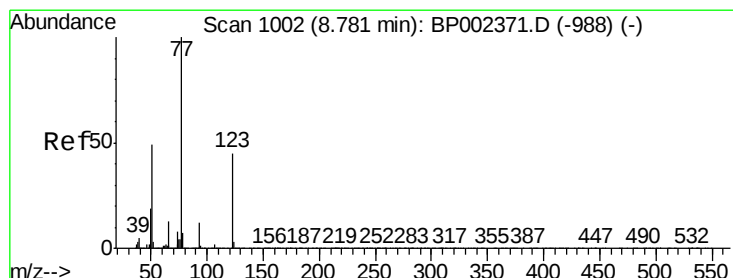
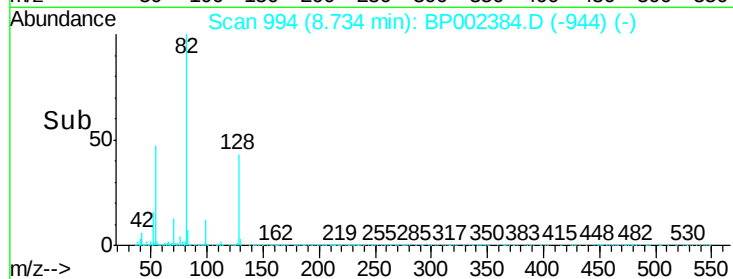
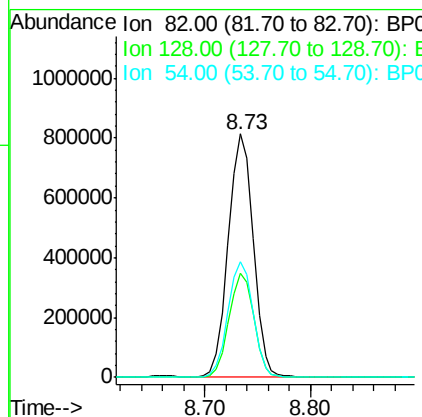
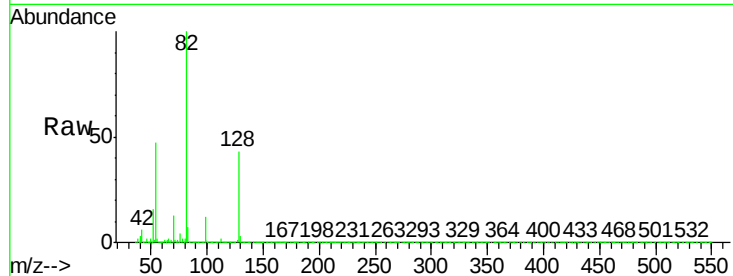
#23
Nitrobenzene-d5
Concen: 114.344 ng
RT: 8.73 min Scan# 994
Delta R.T. -0.01 min
Lab File: BP002384.D
Acq: 10 Jun 2020 20:33

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT1-2020

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.9	34.5	51.7
54	47.2	39.4	59.2

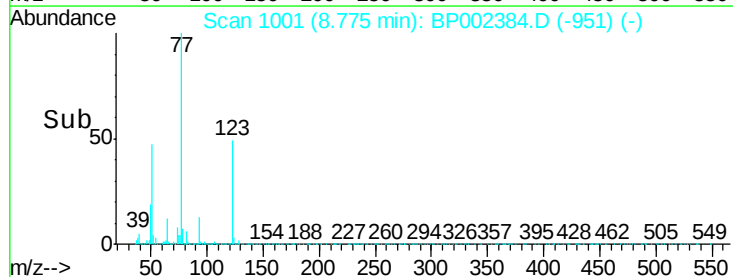
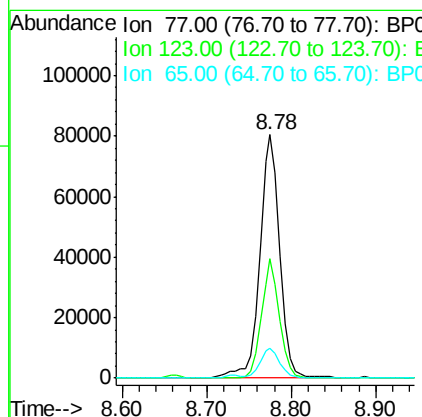
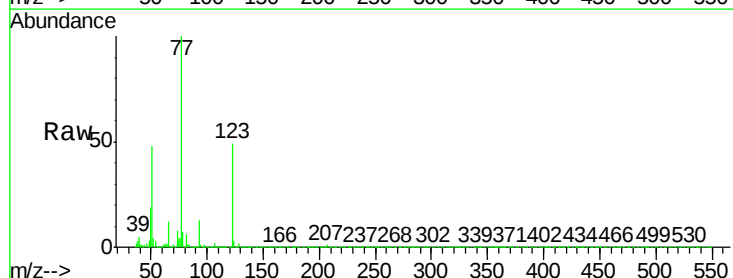
Manual Integrations
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#24
Nitrobenzene
Concen: 10.535 ng
RT: 8.78 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BP002384.D
Acq: 10 Jun 2020 20:33

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.0	35.8	53.8
65	12.3	10.5	15.7





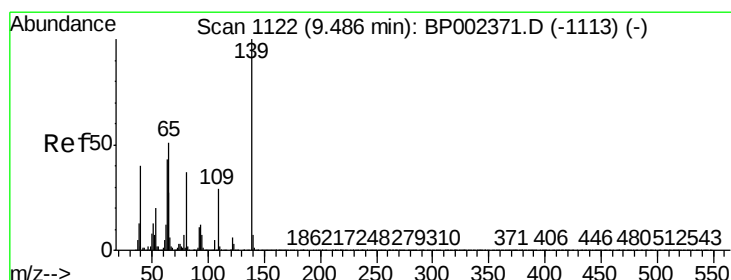
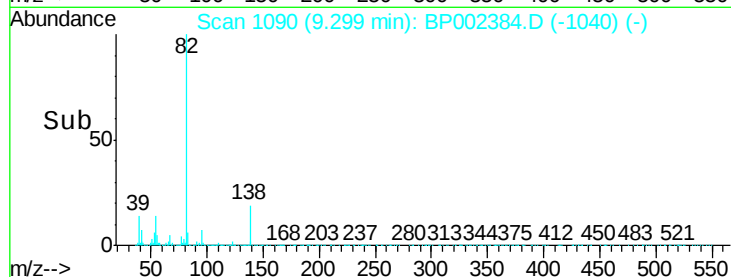
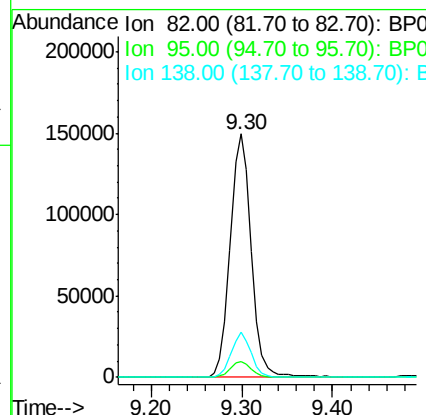
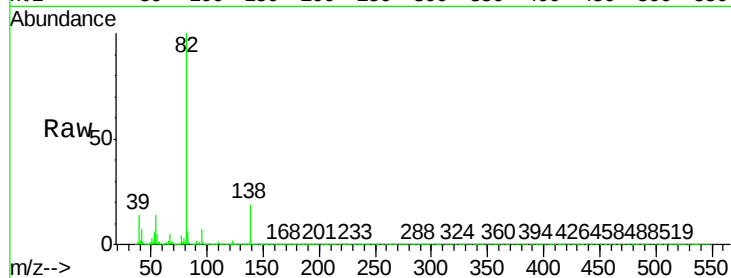
#25
Isophorone
Concen: 10.104 ng
RT: 9.30 min Scan# 1090
Delta R.T. -0.01 min
Lab File: BP002384.D
Acq: 10 Jun 2020 20:33

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT1-2020

Tot Ion	Ratio	Resp Lower	Upper
82	100		
95	6.7	5.4	8.2
138	18.5	13.4	20.0

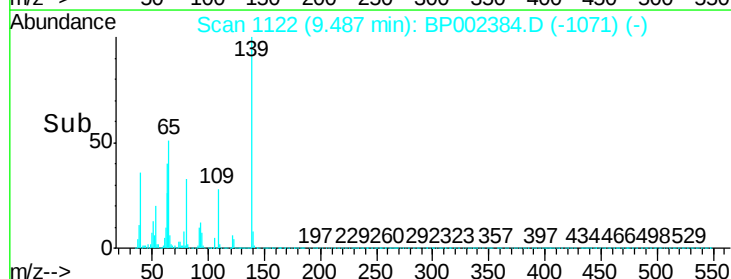
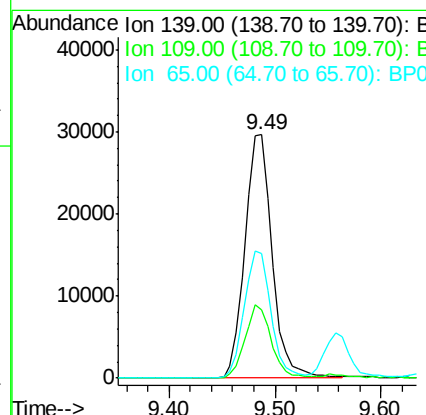
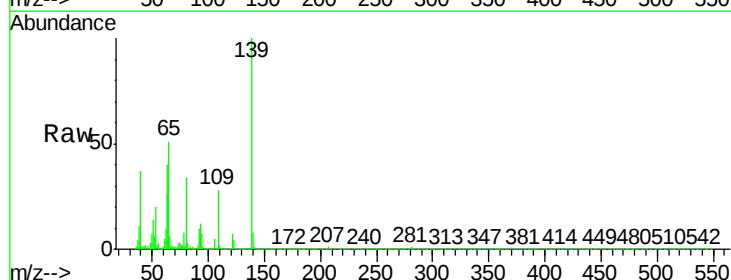
Manual Integrations
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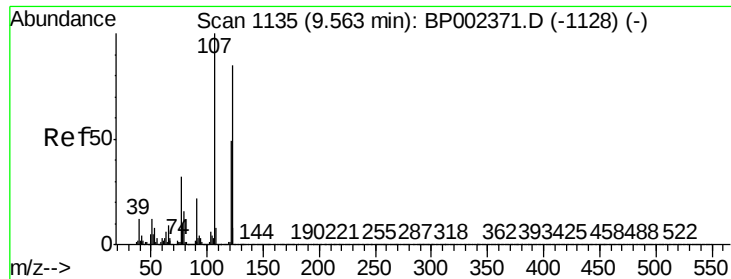
mohammad
6/11/2020 1:49:39 PM



#26
2-Nitrophenol
Concen: 9.495 ng
RT: 9.49 min Scan# 1122
Delta R.T. 0.00 min
Lab File: BP002384.D
Acq: 10 Jun 2020 20:33

Tgt Ion	Ratio	Resp Lower	Upper
139	100		
109	27.9	23.4	35.2
65	51.1	41.1	61.7





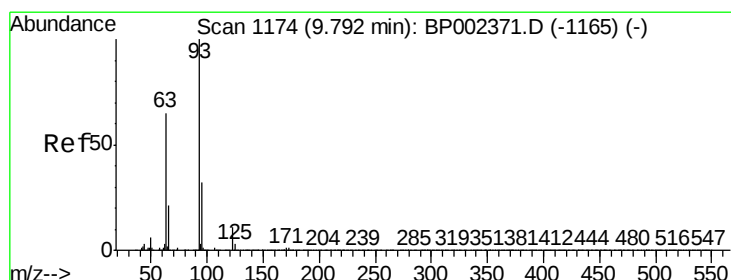
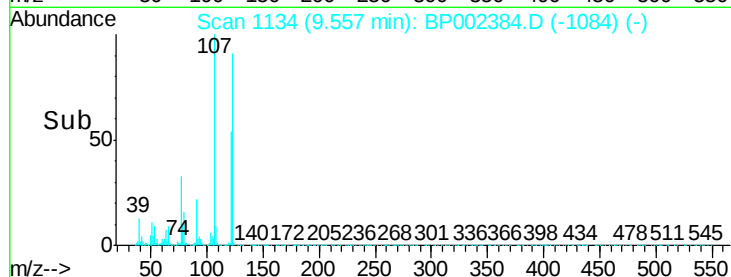
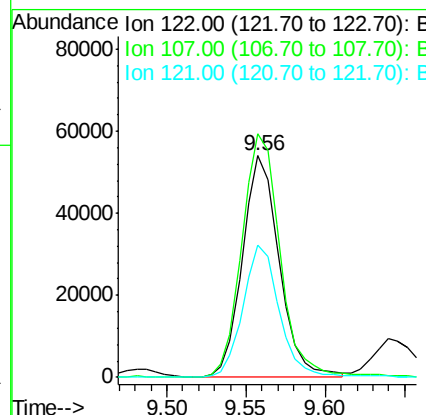
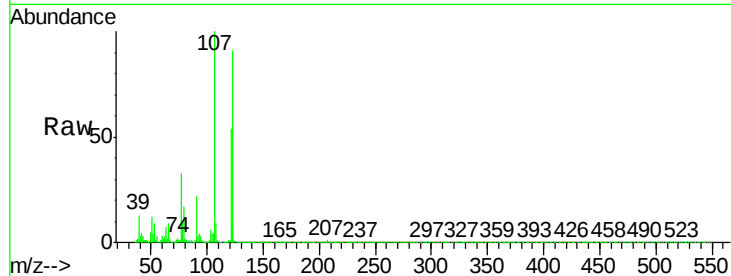
#27
2,4-Dimethylphenol
Concen: 9.935 ng
RT: 9.56 min Scan# 1134
Delta R.T. -0.01 min
Lab File: BP002384.D
Acq: 10 Jun 2020 20:33

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT1-2020

Tot Ion	Ratio	Lower	Upper
122	100		
107	110.0	94.0	141.0
121	59.5	46.4	69.6

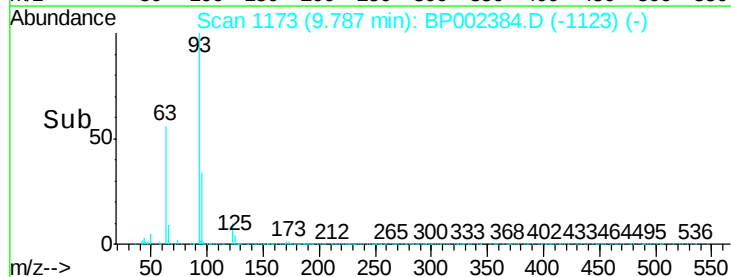
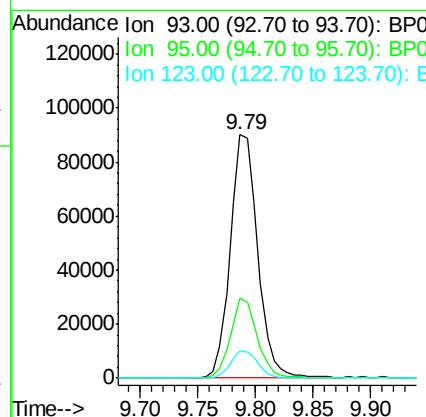
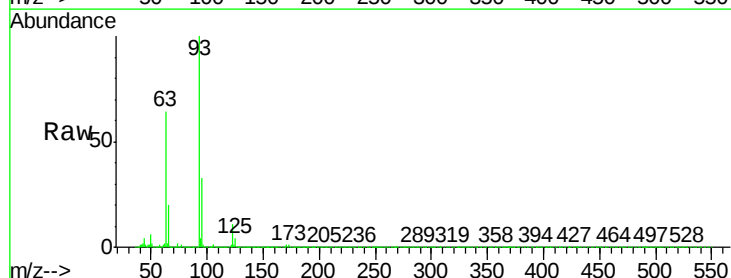
Manual Integrations
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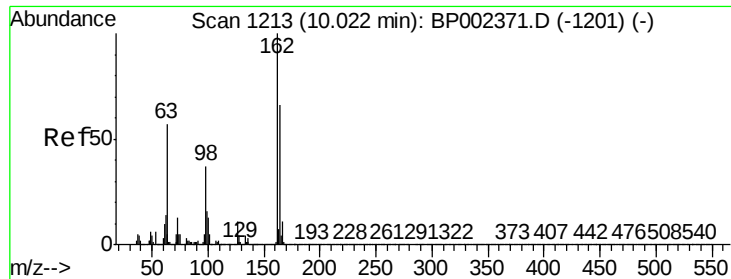
mohammad
6/11/2020 1:49:39 PM



#28
bis(2-Chloroethoxy)methane
Concen: 10.548 ng
RT: 9.79 min Scan# 1173
Delta R.T. -0.01 min
Lab File: BP002384.D
Acq: 10 Jun 2020 20:33

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.0	25.8	38.8
123	11.0	8.7	13.1





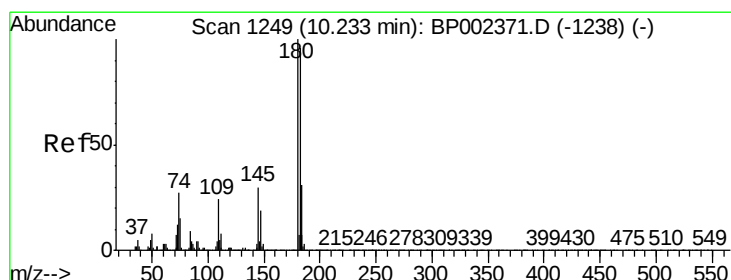
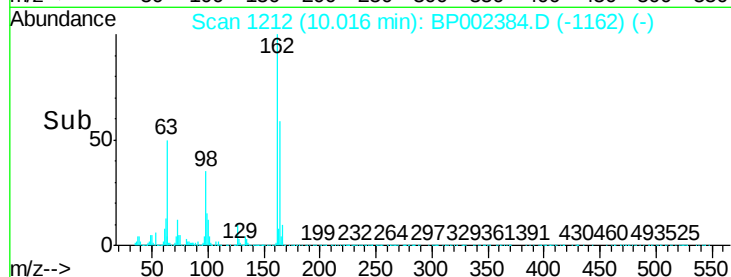
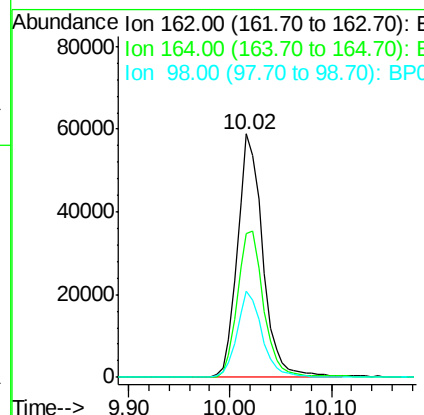
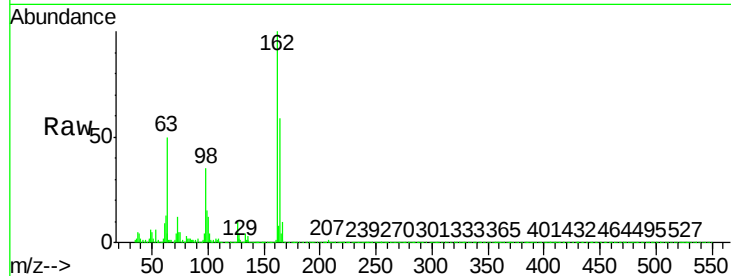
#29
2,4-Dichlorophenol
Concen: 10.351 ng
RT: 10.02 min Scan# 1212
Delta R.T. -0.01 min
Lab File: BP002384.D
Acq: 10 Jun 2020 20:33

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT1-2020

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	58.9	45.5	85.5
98	35.2	16.6	56.6

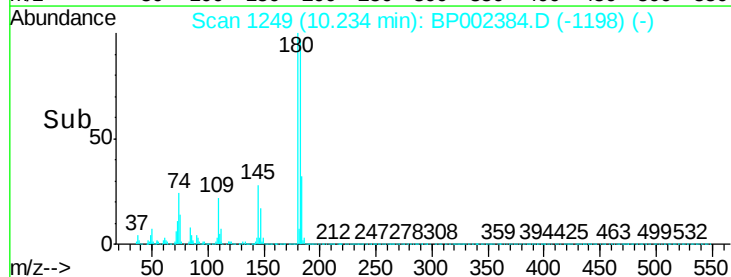
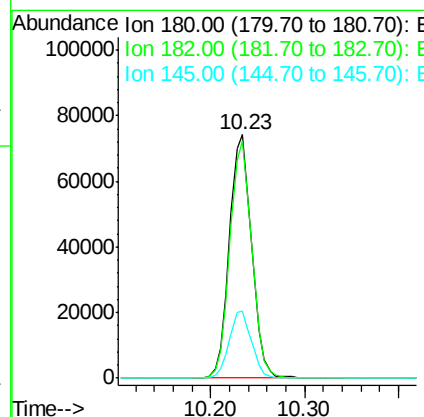
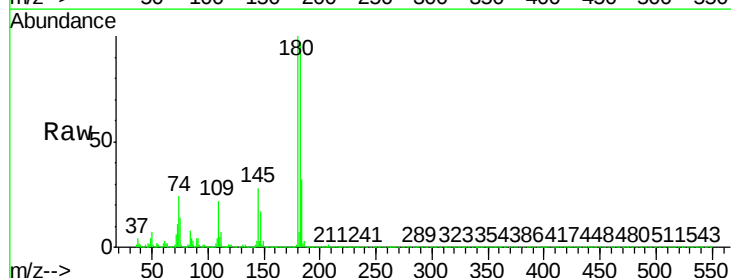
Manual Integrations
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#30
1,2,4-Trichlorobenzene
Concen: 11.105 ng
RT: 10.23 min Scan# 1249
Delta R.T. 0.00 min
Lab File: BP002384.D
Acq: 10 Jun 2020 20:33

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	97.4	77.1	115.7
145	27.6	23.8	35.6





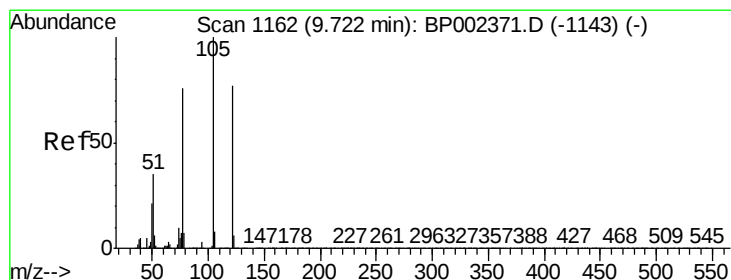
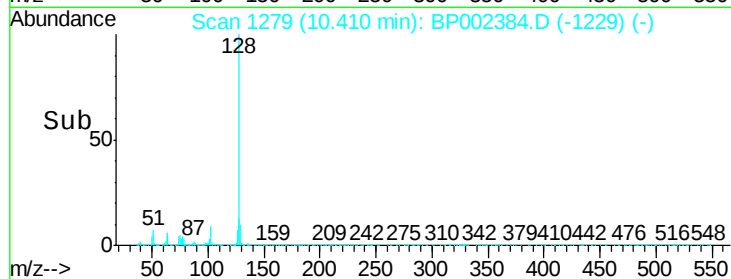
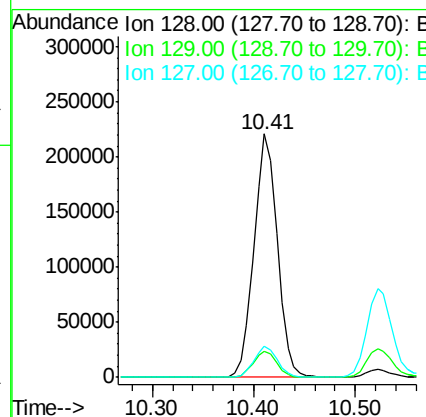
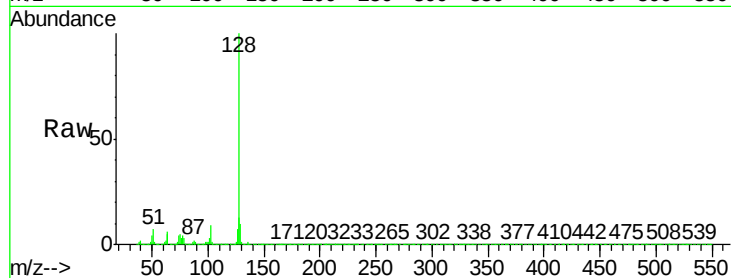
#31
Naphthalene
Concen: 10.973 ng
RT: 10.41 min Scan# 1279
Delta R.T. -0.01 min
Lab File: BP002384.D
Acq: 10 Jun 2020 20:33

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT1-2020

Tot Ion:	128	Resp:	354891
Ion Ratio	Lower	Upper	
128	100		
129	10.5	8.7	13.1
127	12.8	10.3	15.5

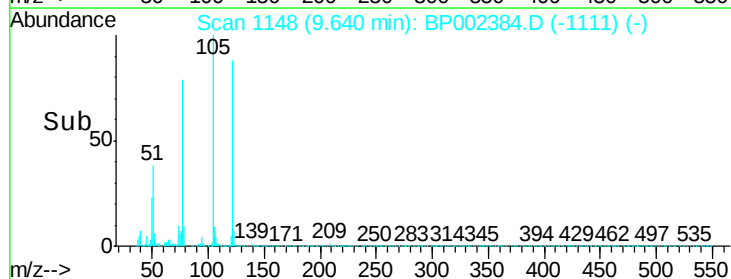
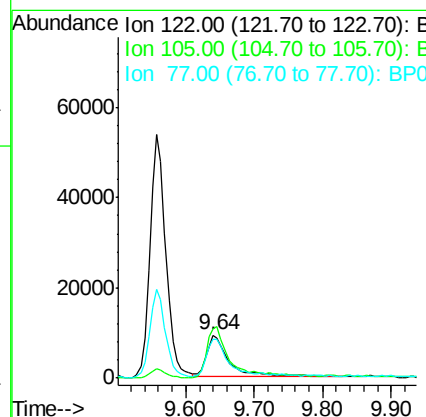
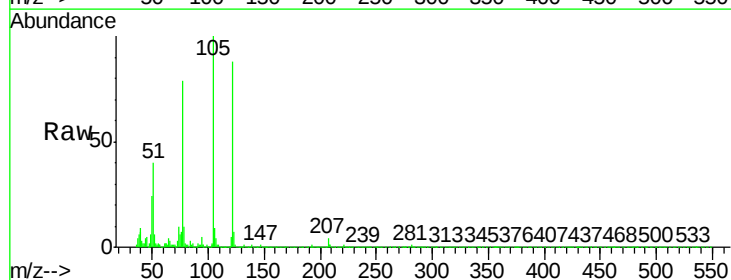
Manual Integrations
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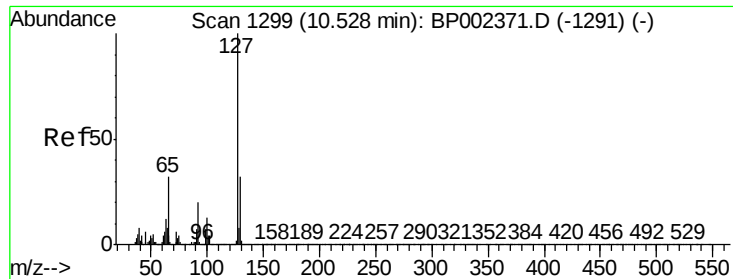
mohammad
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#32
Benzoic acid
Concen: 3.267 ng m
RT: 9.64 min Scan# 1148
Delta R.T. -0.08 min
Lab File: BP002384.D
Acq: 10 Jun 2020 20:33

Tgt Ion:	122	Resp:	21770
Ion Ratio	Lower	Upper	
122	100		
105	114.2	106.3	146.3
77	90.4	77.5	117.5





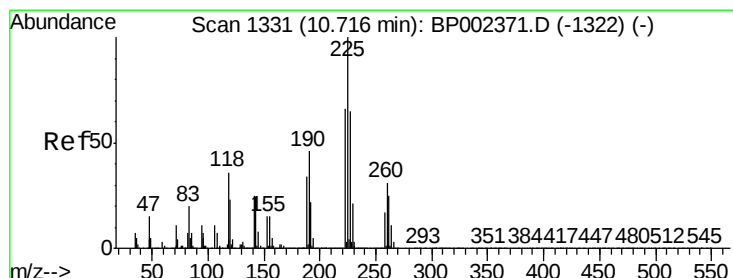
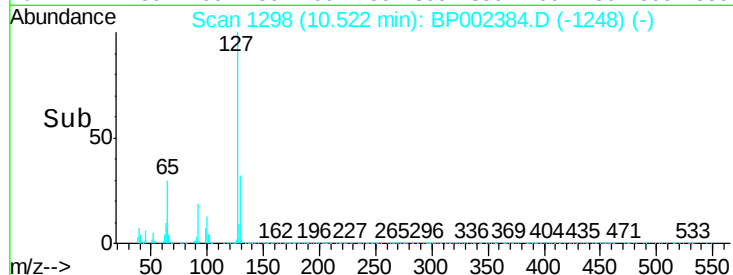
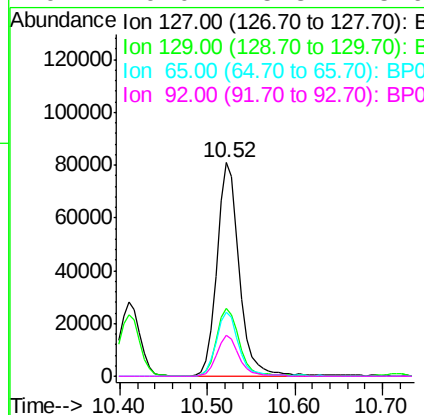
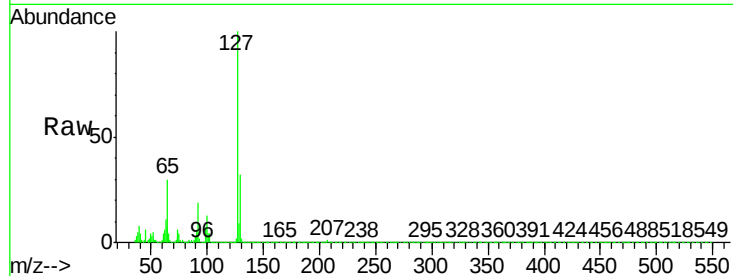
#33
4-Chloroaniline
Concen: 10.114 ng
RT: 10.52 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BP002384.D
Acq: 10 Jun 2020 20:33

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT1-2020

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	31.7	25.4	38.2	
65	29.9	25.3	37.9	
92	19.0	15.8	23.6	

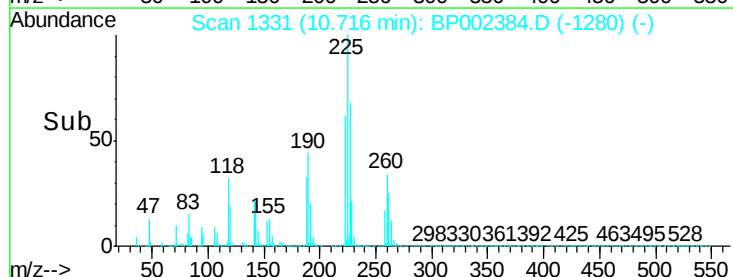
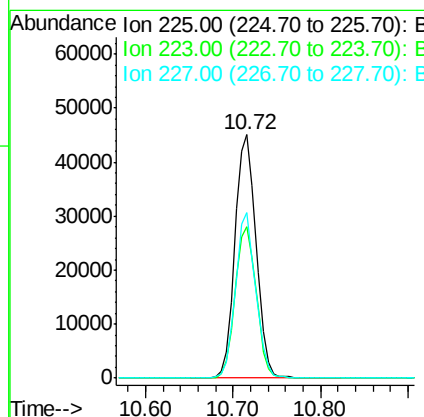
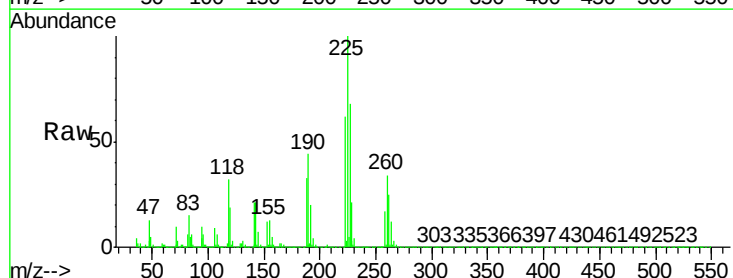
Manual Integrations
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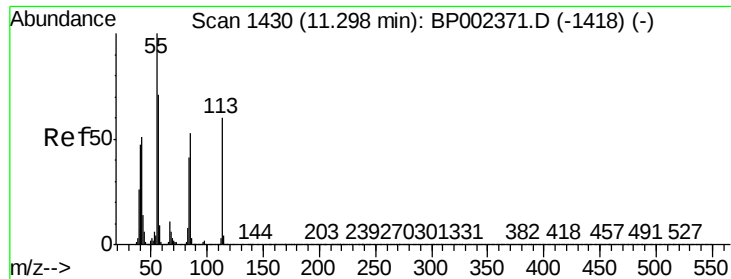
mohammad
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#34
Hexachlorobutadiene
Concen: 11.449 ng
RT: 10.72 min Scan# 1331
Delta R.T. 0.00 min
Lab File: BP002384.D
Acq: 10 Jun 2020 20:33

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.3	52.6	78.8	
227	67.8	52.2	78.2	





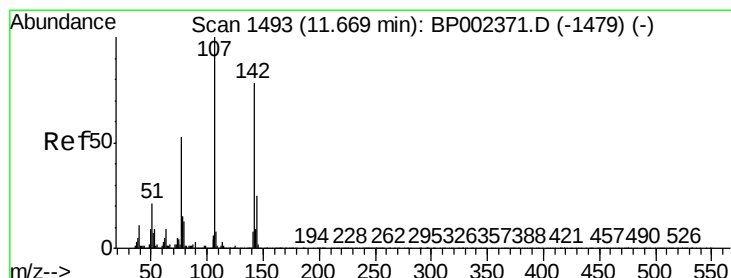
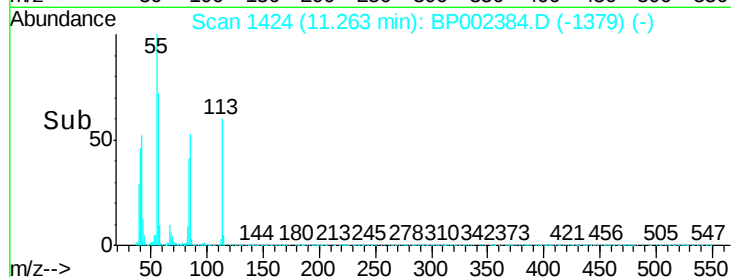
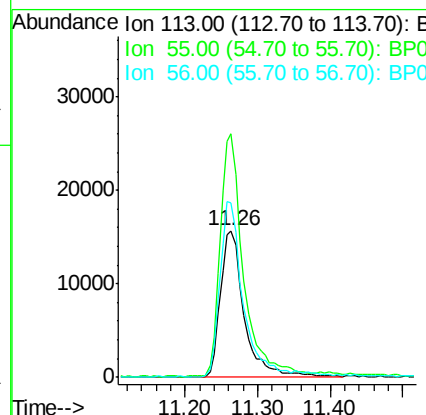
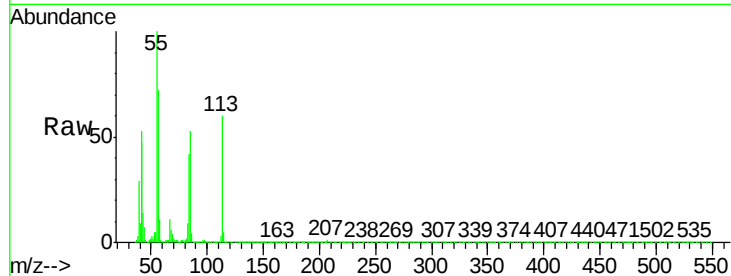
#35
Caprolactam
Concen: 10.361 ng
RT: 11.26 min Scan# 1424
Delta R.T. -0.03 min
Lab File: BP002384.D
Acq: 10 Jun 2020 20:33

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT1-2020

Tot Ion	Ratio	Lower	Upper
113	100		
55	166.1	147.9	187.9
56	119.1	99.9	139.9

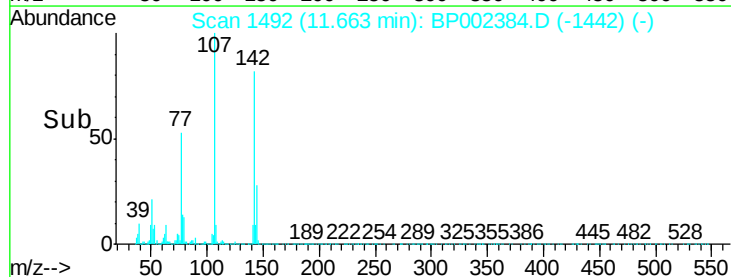
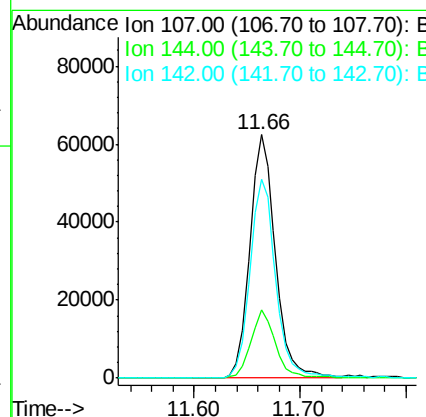
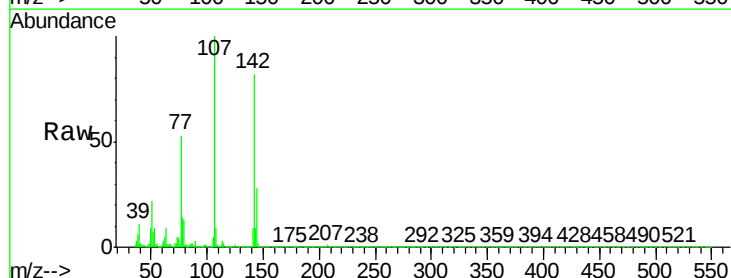
Manual Integrations
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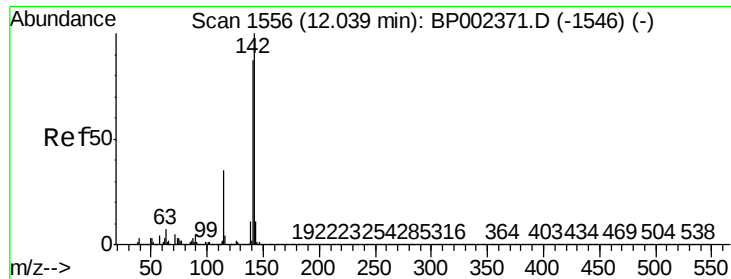
mohammad
6/11/2020 1:49:39 PM



#36
4-Chloro-3-methylphenol
Concen: 9.877 ng
RT: 11.66 min Scan# 1492
Delta R.T. -0.01 min
Lab File: BP002384.D
Acq: 10 Jun 2020 20:33

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.8	20.4	30.6
142	81.7	62.2	93.4





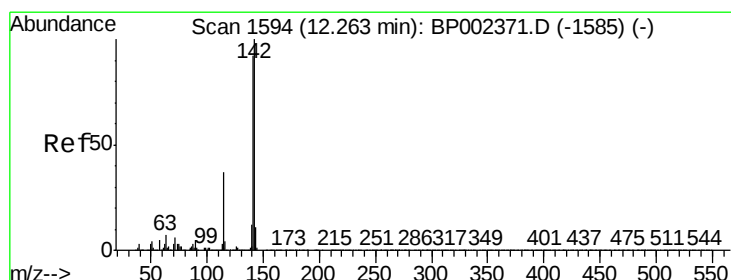
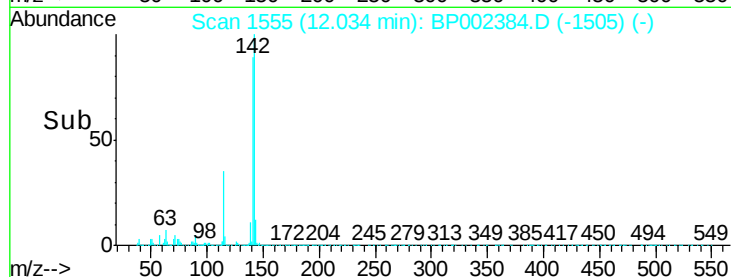
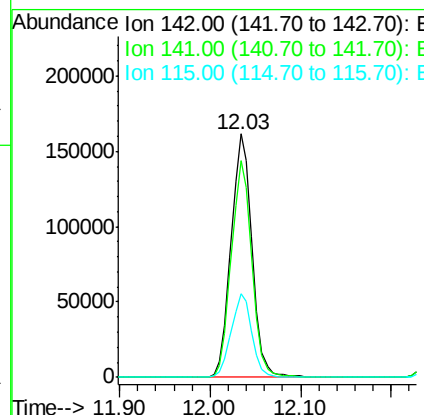
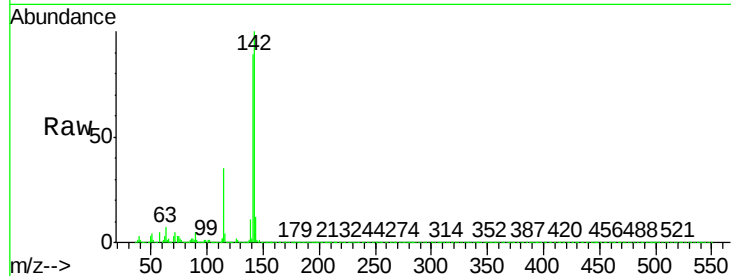
#37
2-Methylnaphthalene
Concen: 11.271 ng
RT: 12.03 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BP002384.D
Acq: 10 Jun 2020 20:33

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT1-2020

Tot Ion	Ratio	Resp	Lower	Upper
142	100	258734		
141	89.2	69.7	104.5	
115	34.6	27.8	41.8	

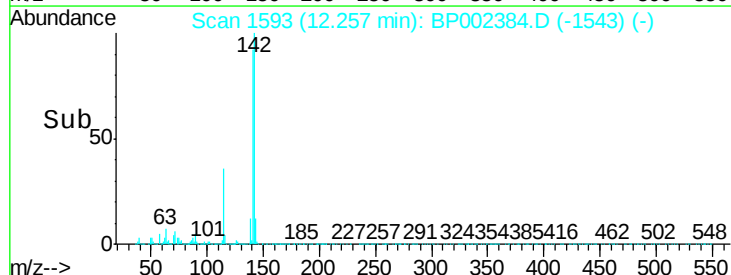
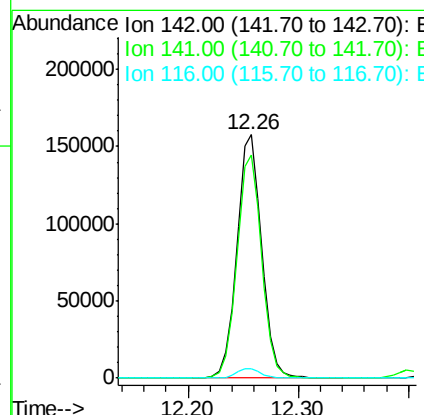
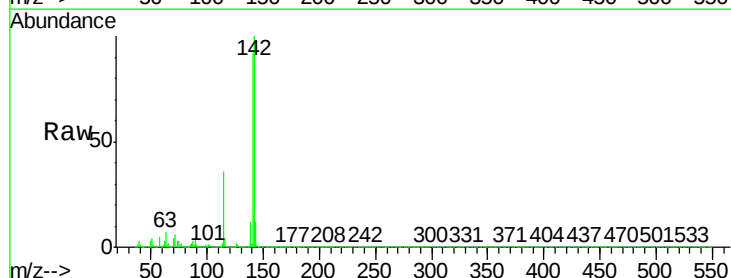
Manual Integrations
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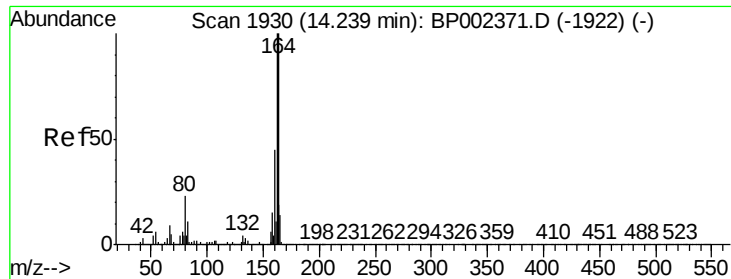
mohammad
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#38
1-Methylnaphthalene
Concen: 11.392 ng
RT: 12.26 min Scan# 1593
Delta R.T. -0.01 min
Lab File: BP002384.D
Acq: 10 Jun 2020 20:33

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	245455		
141	91.7	73.6	110.4	
116	4.0	3.1	4.7	





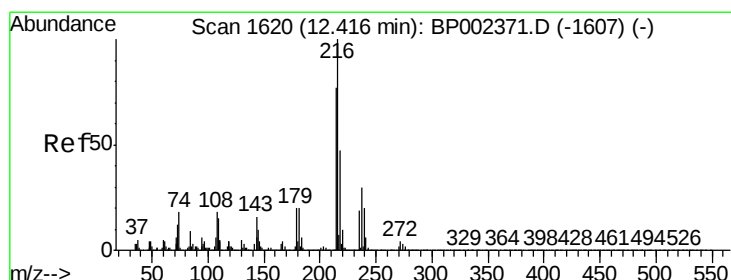
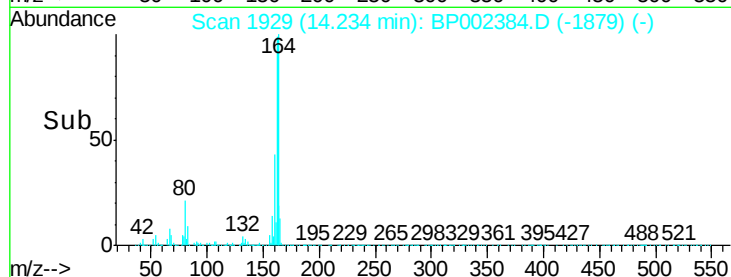
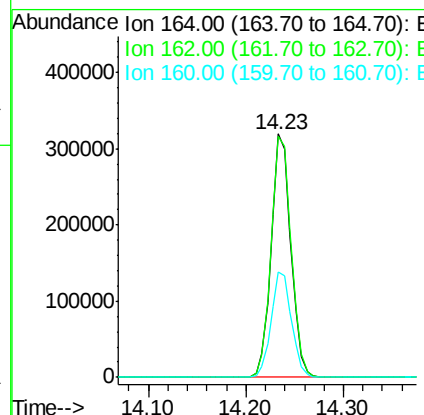
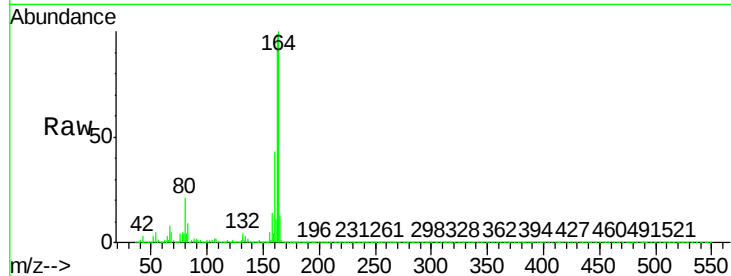
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.23 min Scan# 1929
Delta R.T. -0.01 min
Lab File: BP002384.D
Acq: 10 Jun 2020 20:33

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT1-2020

Tot Ion	Ratio	Lower	Upper
164	100		
162	99.0	79.8	119.8
160	43.4	36.2	54.2

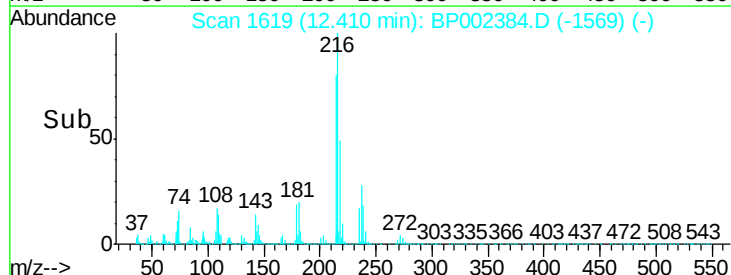
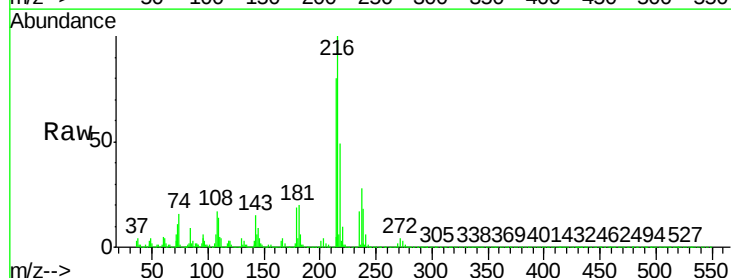
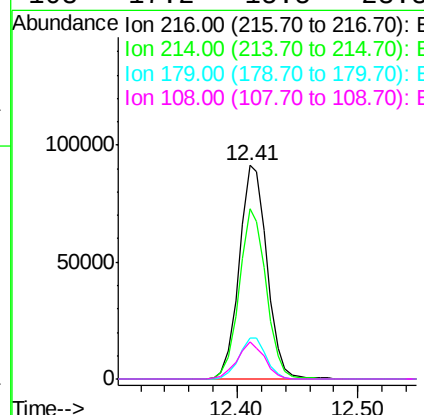
Manual Integrations
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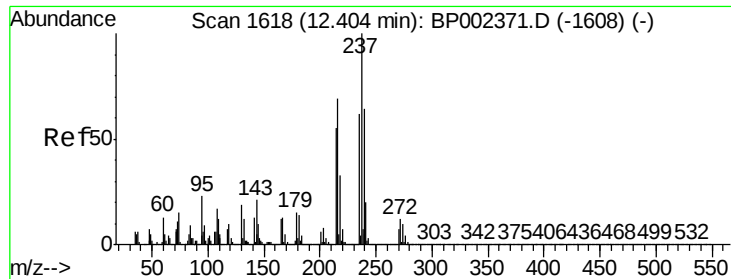
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 12.213 ng
RT: 12.41 min Scan# 1619
Delta R.T. -0.01 min
Lab File: BP002384.D
Acq: 10 Jun 2020 20:33

Tgt Ion	Ratio	Lower	Upper
216	100		
214	77.2	62.6	94.0
179	19.2	16.4	24.6
108	17.2	15.5	23.3





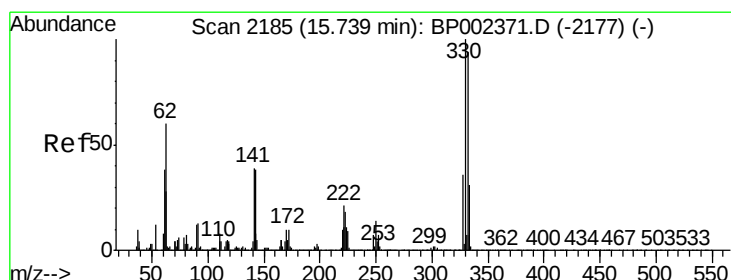
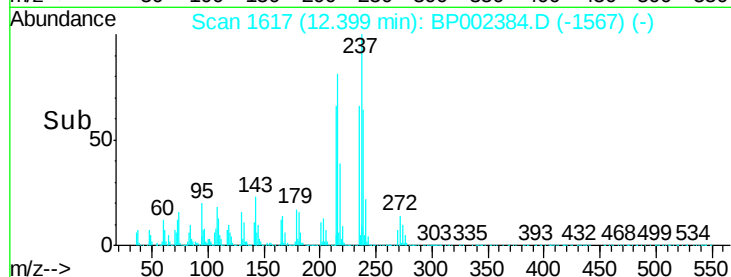
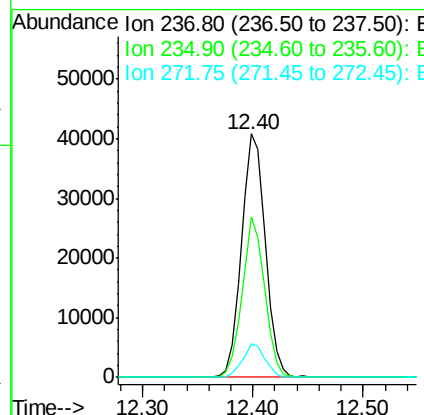
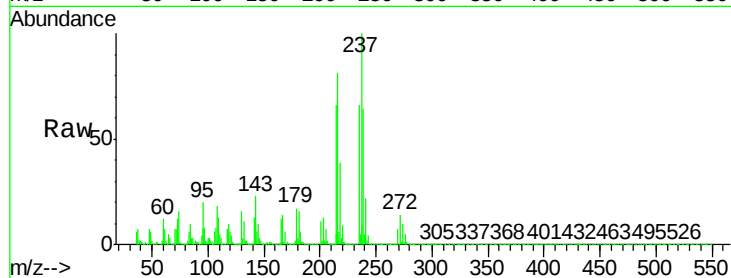
#41
Hexachlorocyclopentadiene
Concen: 9.754 ng
RT: 12.40 min Scan# 1617
Delta R.T. -0.01 min
Lab File: BP002384.D
Acq: 10 Jun 2020 20:33

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT1-2020

Tot Ion	Ratio	Lower	Upper
237	100		
235	65.9	42.0	82.0
272	13.9	0.0	32.5

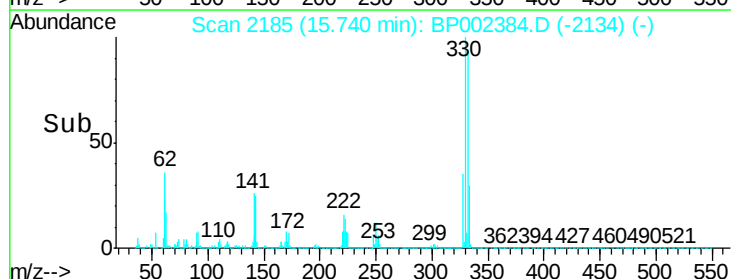
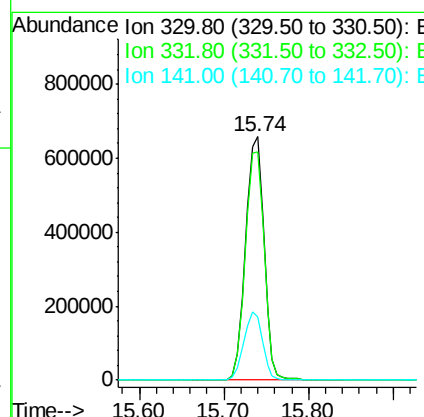
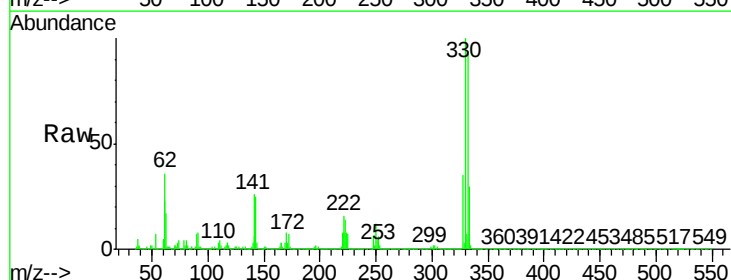
Manual Integrations
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#42
2,4,6-Tribromophenol
Concen: 227.950 ng
RT: 15.74 min Scan# 2185
Delta R.T. 0.00 min
Lab File: BP002384.D
Acq: 10 Jun 2020 20:33

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.4	76.6	115.0
141	28.4	30.3	45.5#





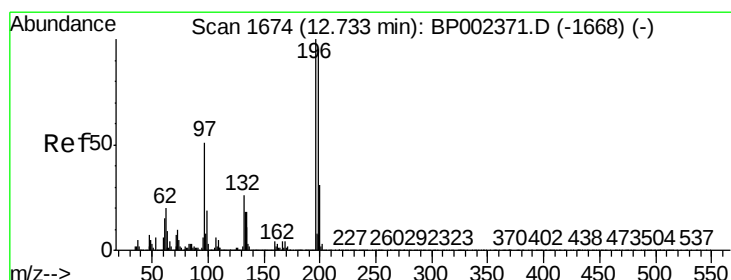
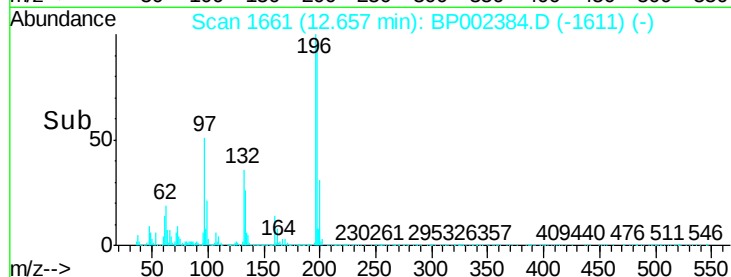
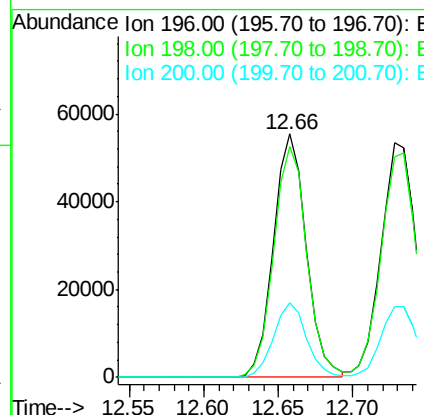
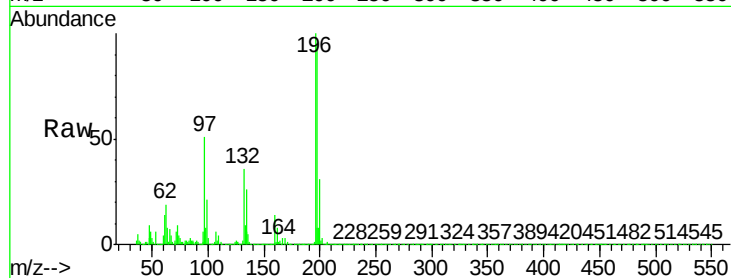
#43
2,4,6-Trichlorophenol
Concen: 10.018 ng
RT: 12.66 min Scan# 1661
Delta R.T. -0.01 min
Lab File: BP002384.D
Acq: 10 Jun 2020 20:33

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT1-2020

Tot Ion	Ratio	Lower	Upper
196	100		
198	94.6	76.6	115.0
200	30.9	24.7	37.1

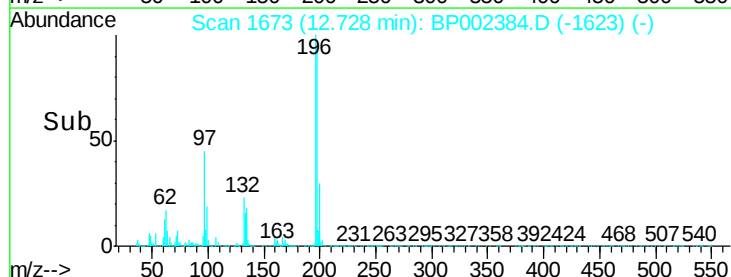
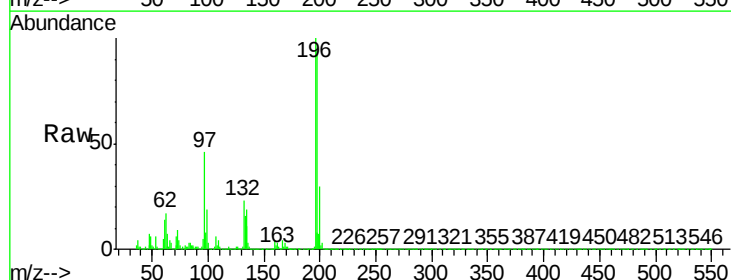
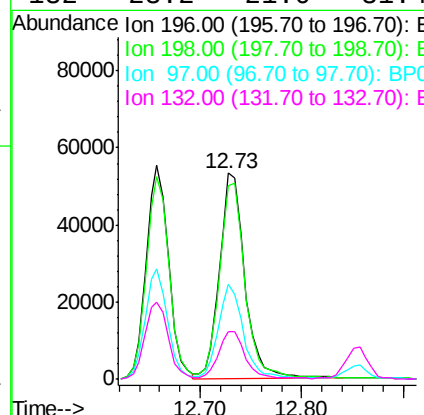
Manual Integrations
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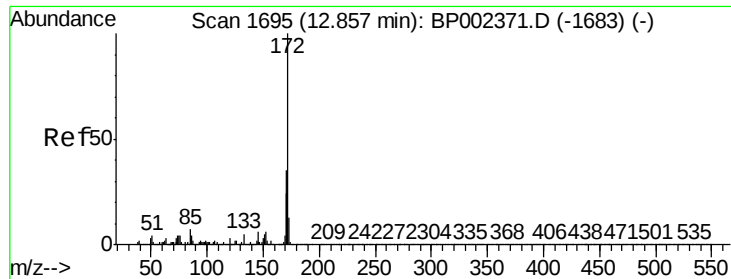
mohammad
6/11/2020 1:49:39 PM



#44
2,4,5-Trichlorophenol
Concen: 9.522 ng
RT: 12.73 min Scan# 1673
Delta R.T. -0.01 min
Lab File: BP002384.D
Acq: 10 Jun 2020 20:33

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.2	76.2	114.2
97	45.9	40.6	61.0
132	23.2	21.0	31.4





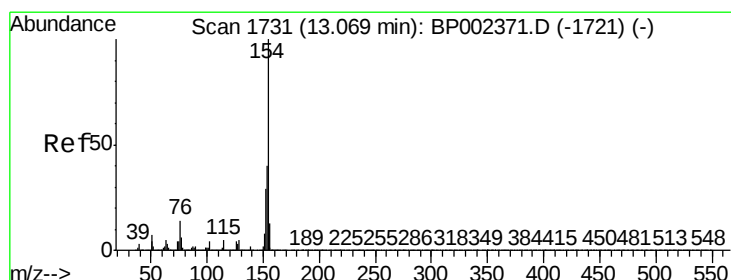
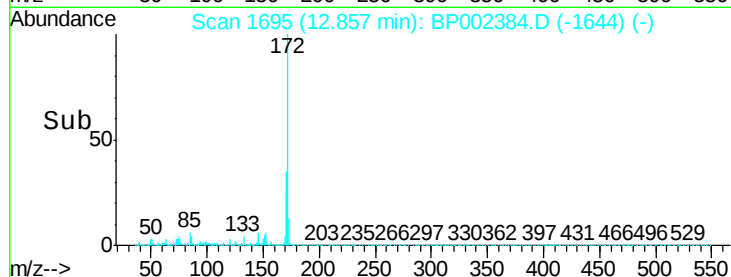
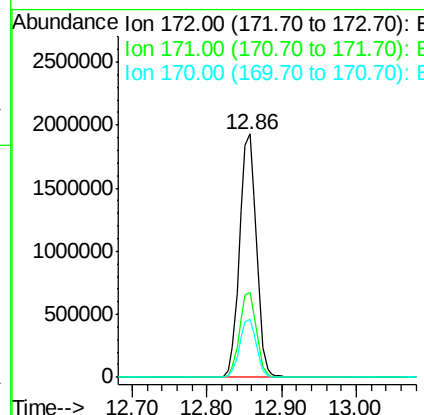
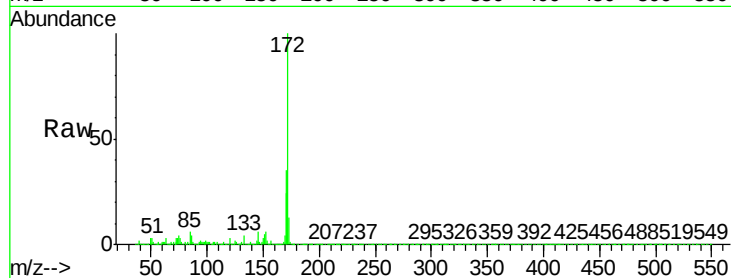
#45
2-Fluorobiphenyl
Concen: 112.506 ng
RT: 12.86 min Scan# 1695
Delta R.T. 0.00 min
Lab File: BP002384.D
Acq: 10 Jun 2020 20:33

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT1-2020

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.1	27.8	41.8
170	23.7	19.0	28.6

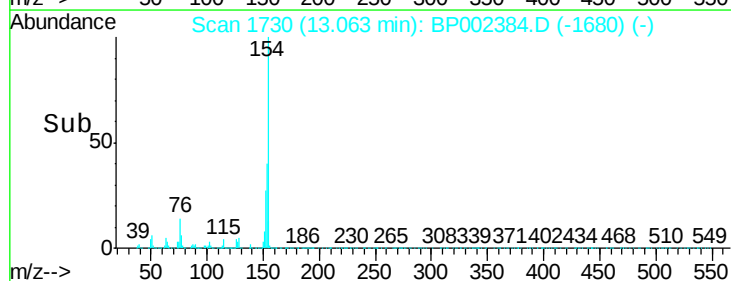
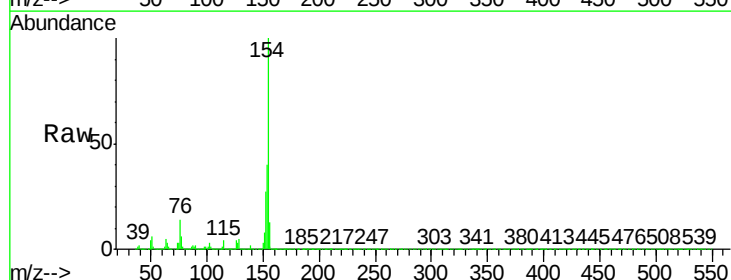
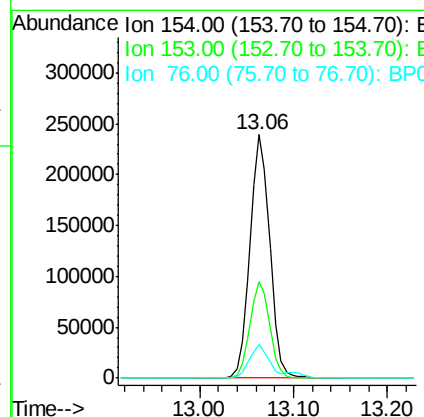
Manual Integrations
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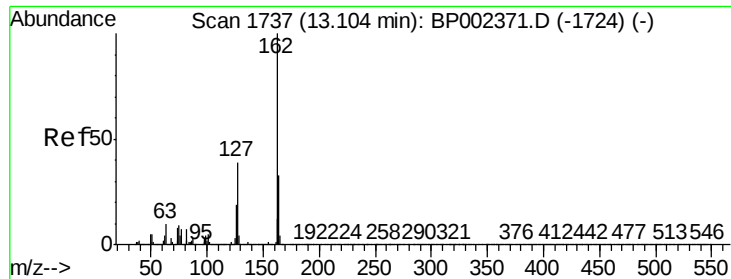
mohammad
6/11/2020 1:49:39 PM



#46
1,1'-Biphenyl
Concen: 11.740 ng
RT: 13.06 min Scan# 1730
Delta R.T. -0.01 min
Lab File: BP002384.D
Acq: 10 Jun 2020 20:33

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.5	20.2	60.2
76	13.6	0.0	34.2





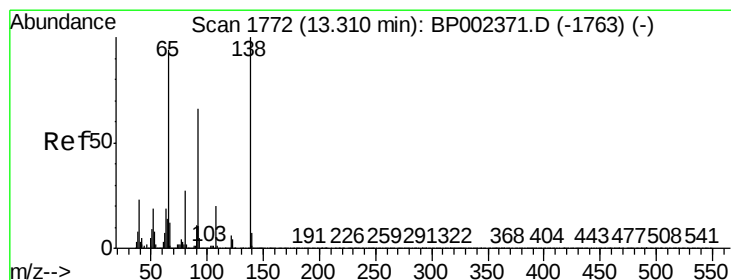
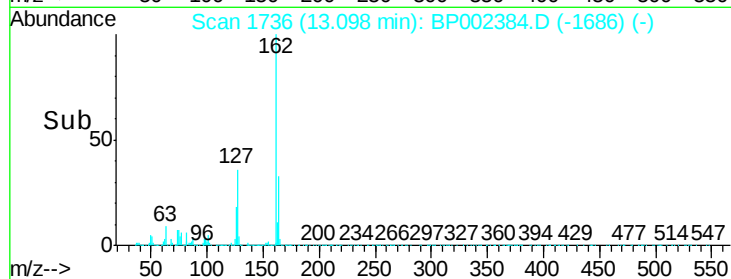
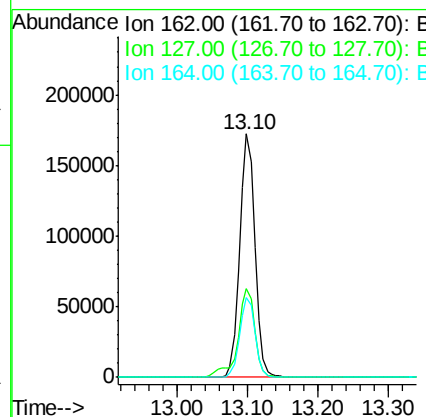
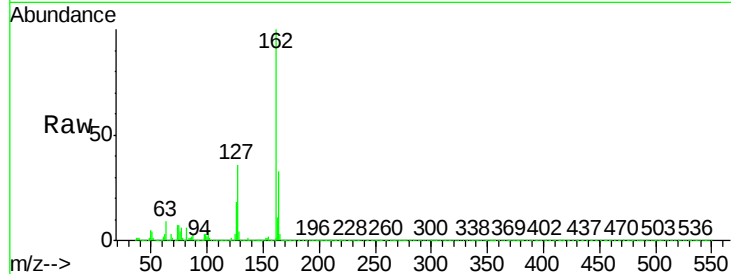
#47
2-Chloronaphthalene
Concen: 10.613 ng
RT: 13.10 min Scan# 1736
Delta R.T. -0.01 min
Lab File: BP002384.D
Acq: 10 Jun 2020 20:33

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT1-2020

Tot Ion	Ratio	Resp	Lower	Upper
162	100	258109		
127	36.3	31.0	46.4	
164	32.9	26.6	40.0	

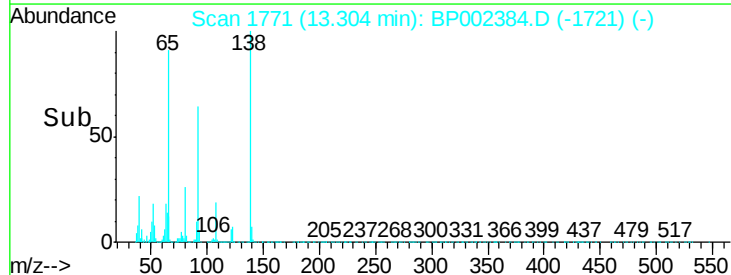
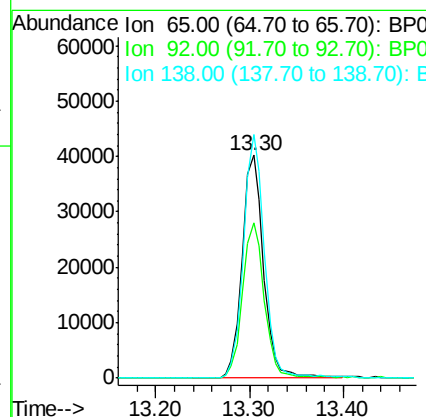
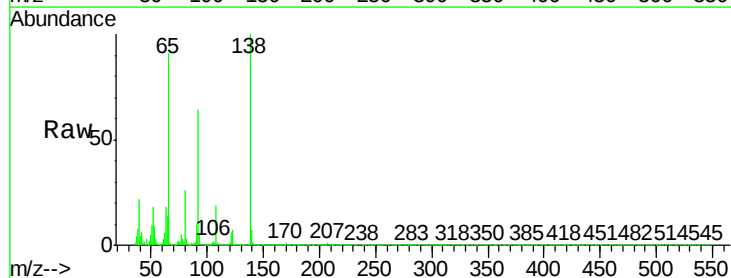
Manual Integrations
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#48
2-Nitroaniline
Concen: 8.233 ng
RT: 13.30 min Scan# 1771
Delta R.T. -0.01 min
Lab File: BP002384.D
Acq: 10 Jun 2020 20:33

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	63919		
92	70.1	56.3	84.5	
138	109.4	85.0	127.6	





#49

Acenaphthylene

Concen: 10.777 ng

RT: 13.95 min Scan# 1881

Delta R.T. -0.01 min

Lab File: BP002384.D

Acq: 10 Jun 2020 20:33

Instrument :

BNA_P

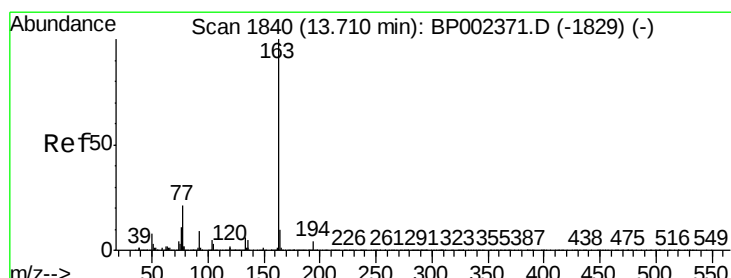
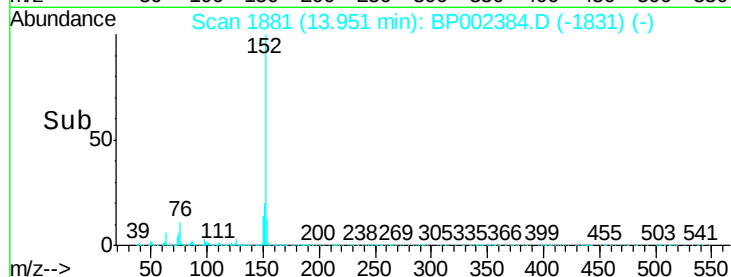
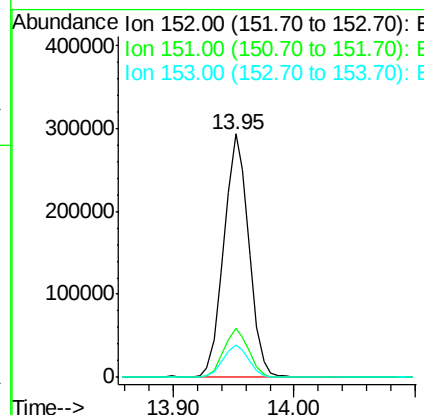
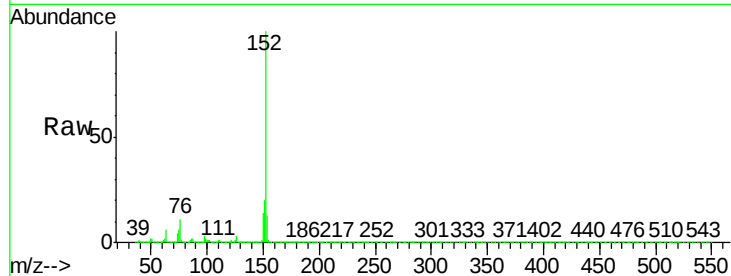
ClientSampleId :

LOQ-SOIL-02-QT1-2020

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.7	23.5
153	13.3	10.5	15.7

Manual Integrations
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#50

Dimethylphthalate

Concen: 10.471 ng

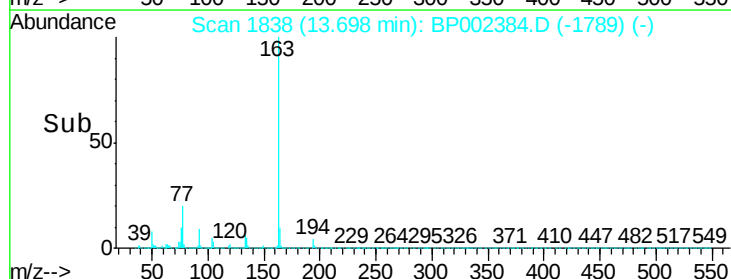
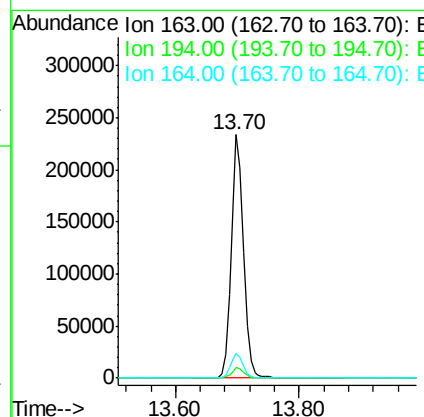
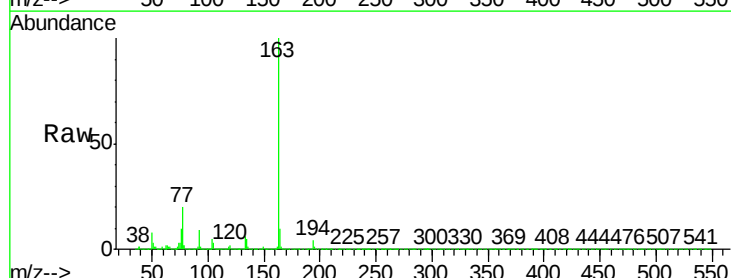
RT: 13.70 min Scan# 1838

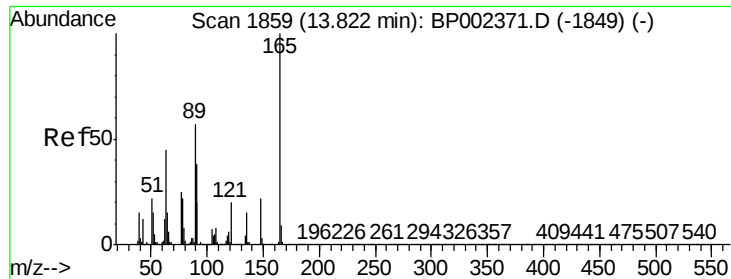
Delta R.T. -0.01 min

Lab File: BP002384.D

Acq: 10 Jun 2020 20:33

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.0
164	9.9	8.1	12.1





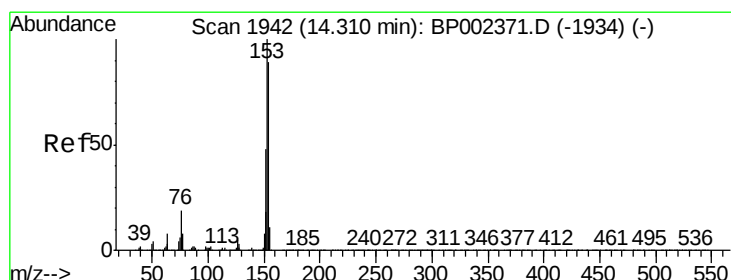
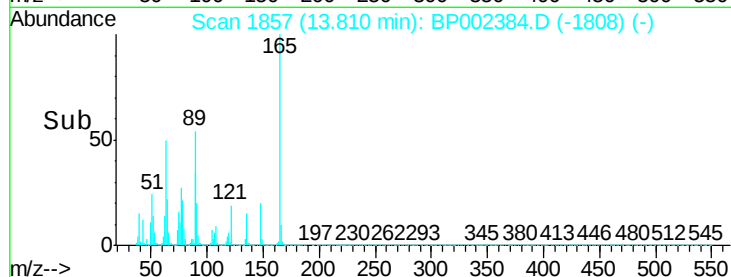
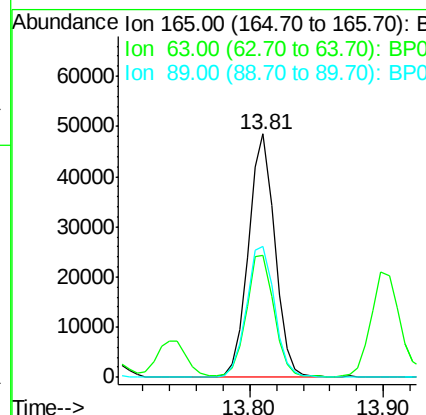
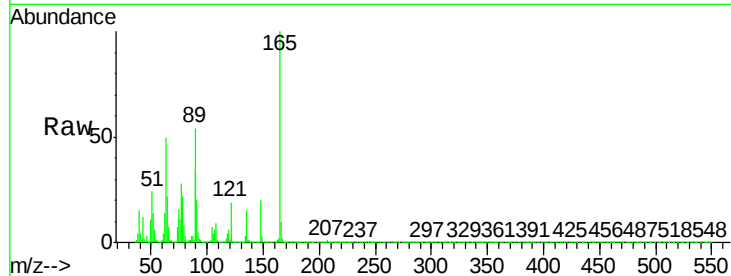
#51
2,6-Dinitrotoluene
Concen: 9.752 ng
RT: 13.81 min Scan# 1857
Delta R.T. -0.01 min
Lab File: BP002384.D
Acq: 10 Jun 2020 20:33

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT1-2020

Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	50.3	43.1	64.7
89	53.9	45.3	67.9

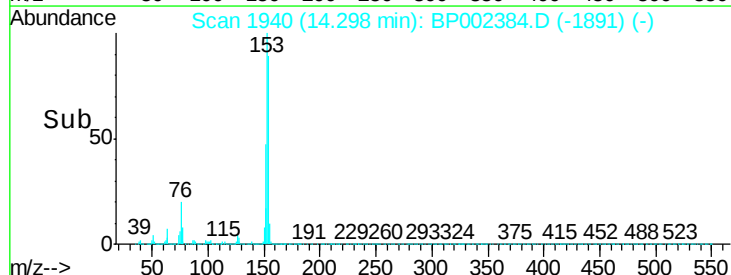
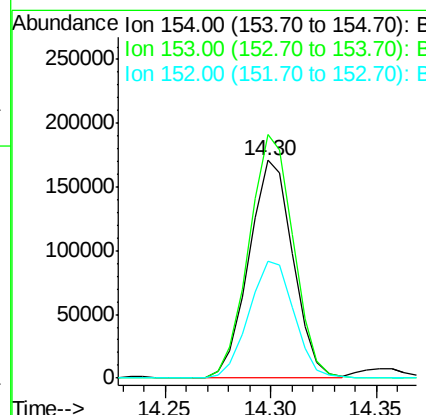
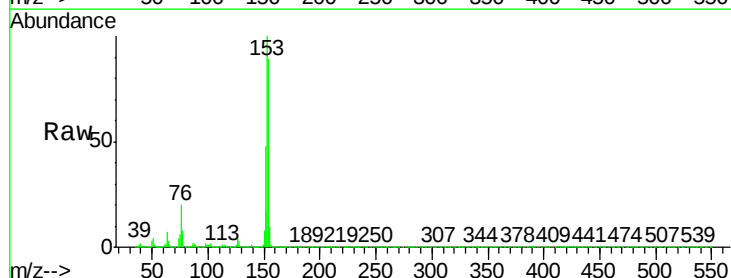
Manual Integrations
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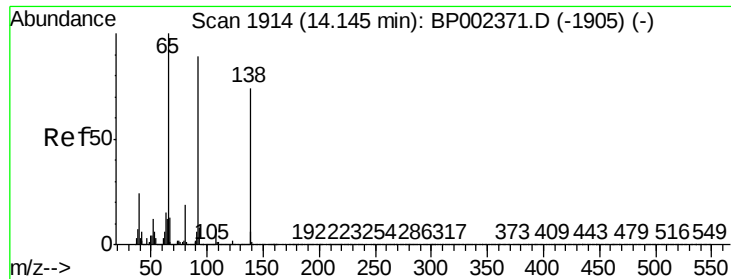
mohammad
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#52
Acenaphthene
Concen: 10.910 ng
RT: 14.30 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BP002384.D
Acq: 10 Jun 2020 20:33

Tgt Ion	Ratio	Resp Lower	Upper
154	100		
153	112.0	89.5	134.3
152	53.6	43.3	64.9





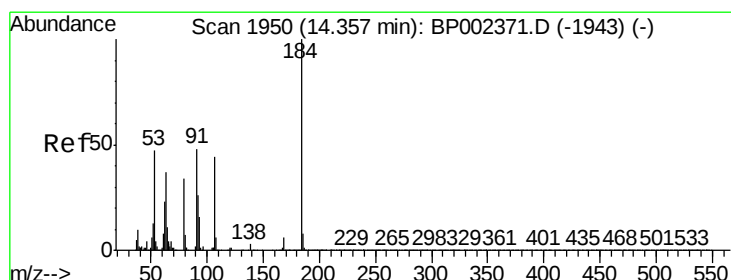
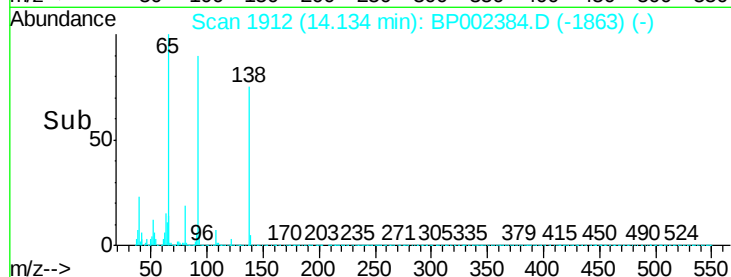
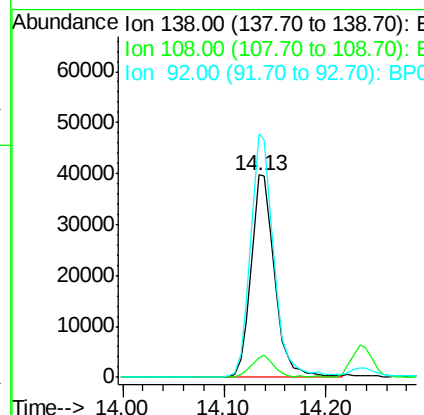
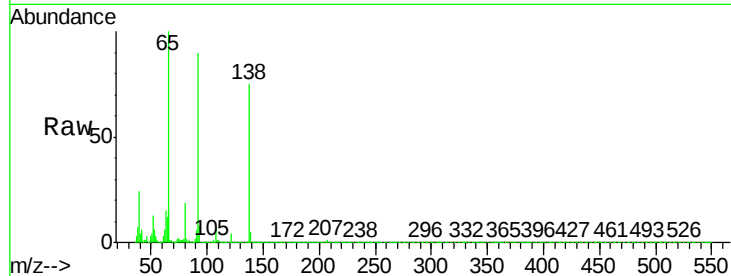
#53
3-Nitroaniline
Concen: 8.314 ng
RT: 14.13 min Scan# 1912
Delta R.T. -0.01 min
Lab File: BP002384.D
Acq: 10 Jun 2020 20:33

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT1-2020

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.7	8.0	12.0
92	120.4	96.2	144.2

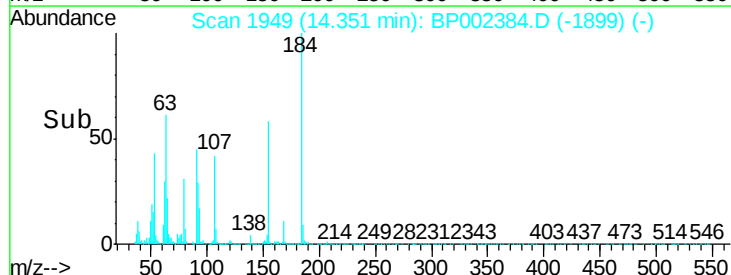
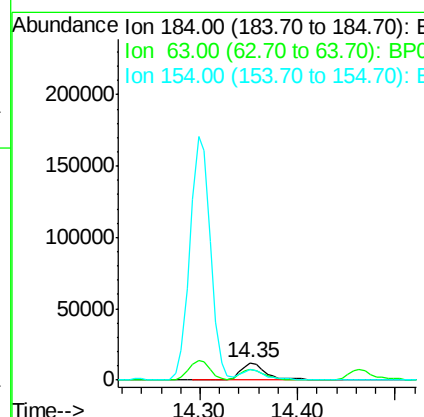
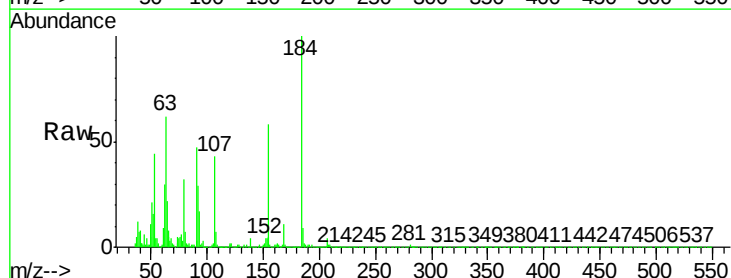
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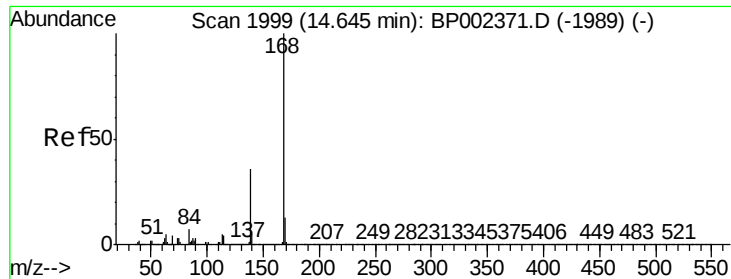
mohammad
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#54
2,4-Dinitrophenol
Concen: 6.055 ng
RT: 14.35 min Scan# 1949
Delta R.T. -0.00 min
Lab File: BP002384.D
Acq: 10 Jun 2020 20:33

Tgt Ion	Ratio	Lower	Upper
184	100		
63	61.7	52.3	78.5
154	58.3	48.6	72.8





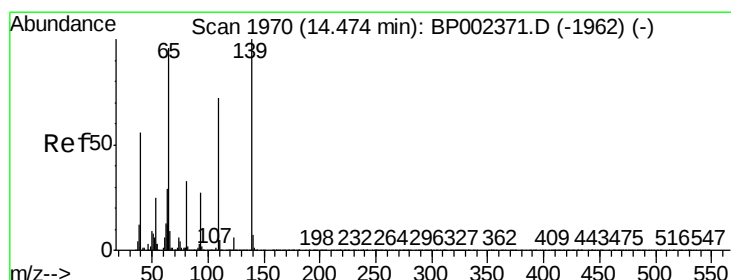
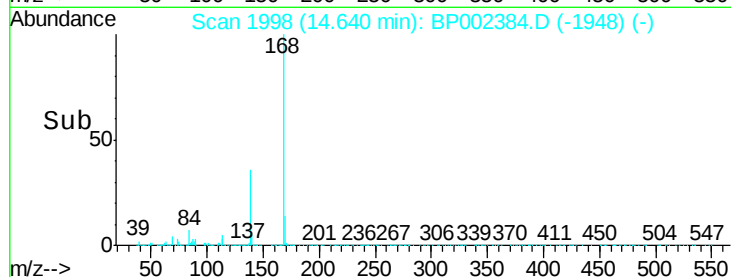
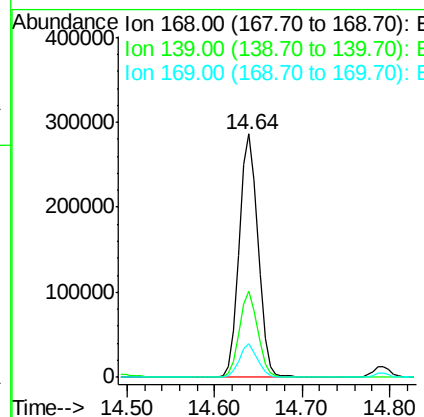
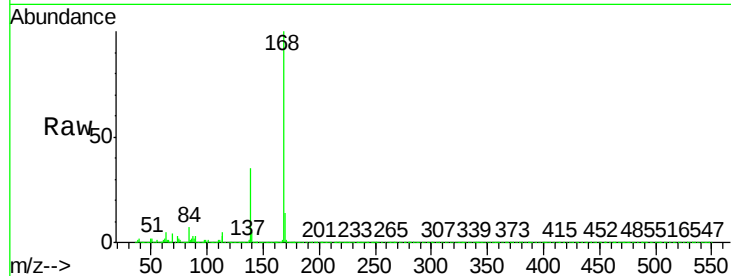
#55
Dibenzenofuran
Concen: 11.302 ng
RT: 14.64 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BP002384.D
Acq: 10 Jun 2020 20:33

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT1-2020

Tot Ion:	168	Resp:	413779
Ion Ratio	Lower	Upper	
168	100		
139	35.5	28.9	43.3
169	13.6	10.6	15.8

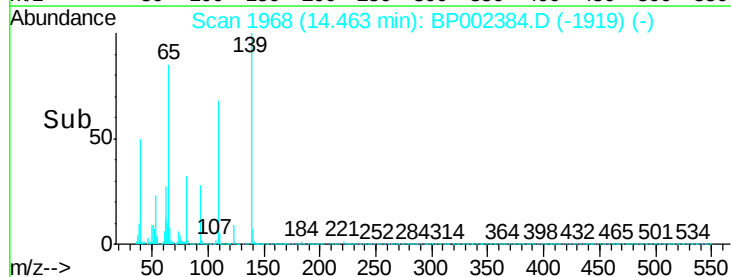
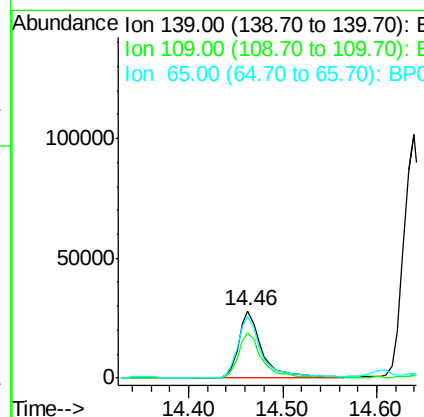
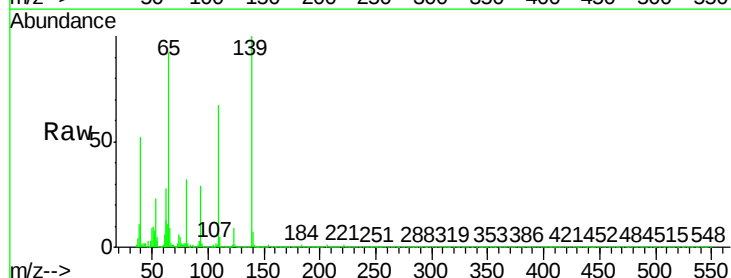
Manual Integrations
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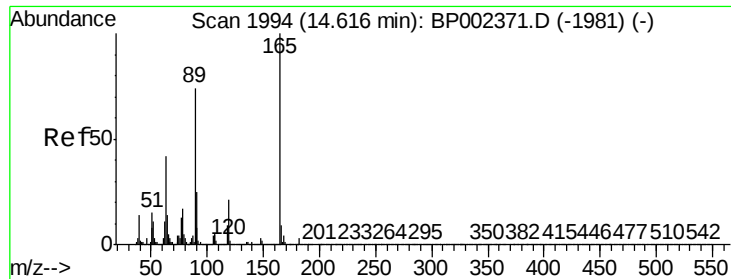
mohammad
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#56
4-Nitrophenol
Concen: 7.952 ng
RT: 14.46 min Scan# 1968
Delta R.T. -0.01 min
Lab File: BP002384.D
Acq: 10 Jun 2020 20:33

Tgt Ion:	139	Resp:	48667
Ion Ratio	Lower	Upper	
139	100		
109	67.4	52.0	92.0
65	92.1	76.3	116.3





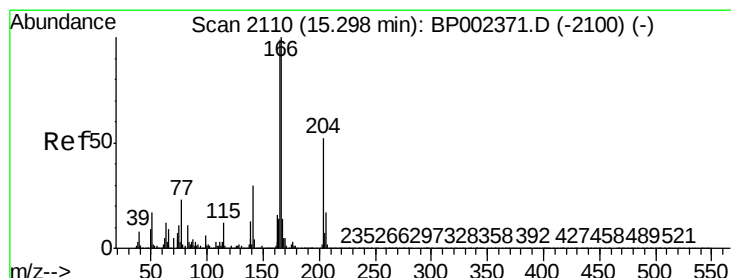
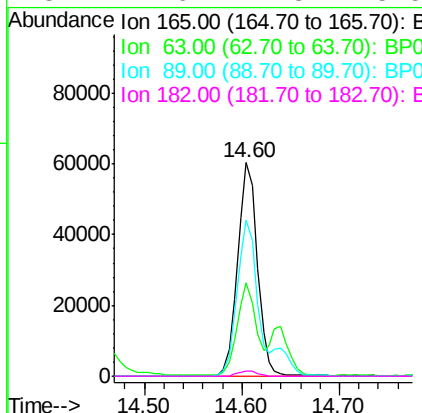
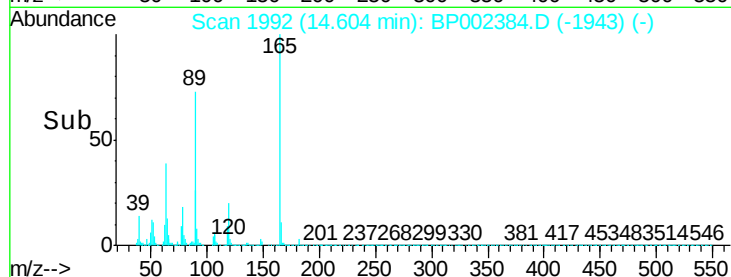
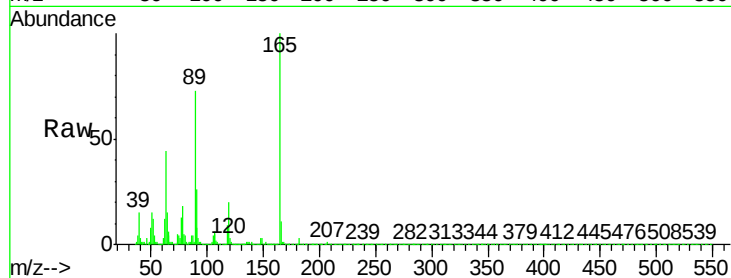
#57
2,4-Dinitrotoluene
Concen: 9.286 ng
RT: 14.60 min Scan# 1992
Delta R.T. -0.01 min
Lab File: BP002384.D
Acq: 10 Jun 2020 20:33

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT1-2020

Tot Ion:	165	Resp:	85329
Ion Ratio	Lower	Upper	
165	100		
63	43.8	34.2	51.2
89	72.9	59.3	88.9
182	2.6	2.3	3.5

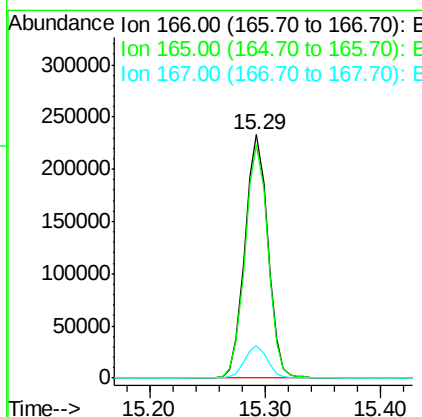
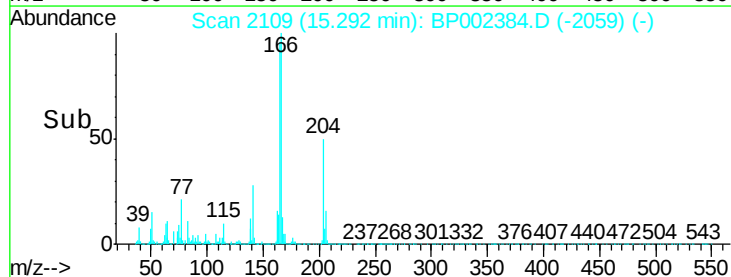
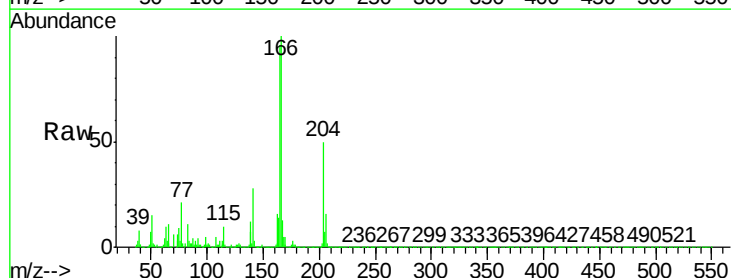
Manual Integrations
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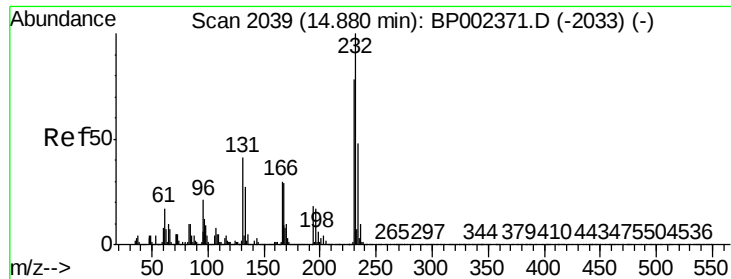
mohammad
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#58
Fluorene
Concen: 11.266 ng
RT: 15.29 min Scan# 2109
Delta R.T. -0.00 min
Lab File: BP002384.D
Acq: 10 Jun 2020 20:33

Tgt Ion:	166	Resp:	324416
Ion Ratio	Lower	Upper	
166	100		
165	96.0	79.1	118.7
167	13.3	11.0	16.4





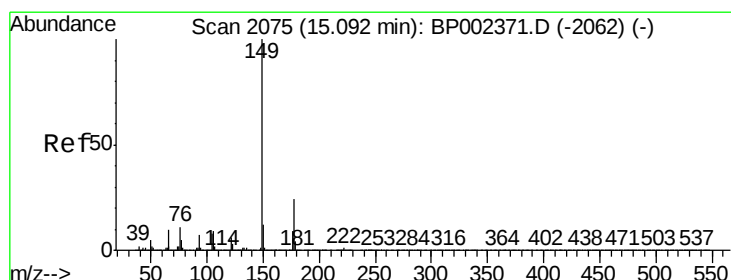
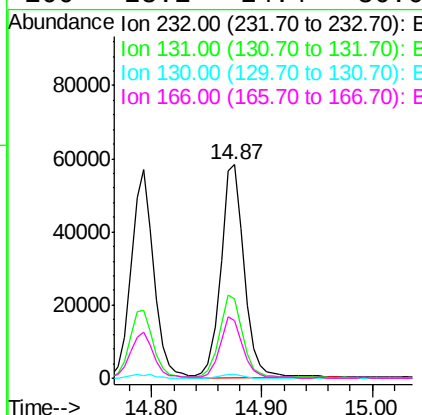
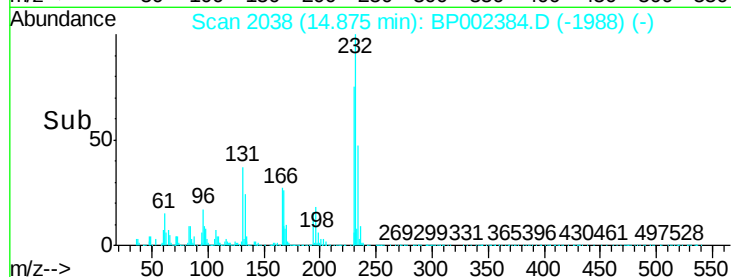
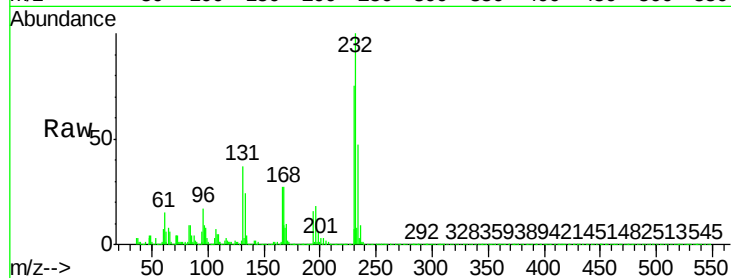
#59
2,3,4,6-Tetrachlorophenol
Concen: 11.015 ng
RT: 14.87 min Scan# 2038
Delta R.T. -0.01 min
Lab File: BP002384.D
Acq: 10 Jun 2020 20:33

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT1-2020

Tot Ion	Ratio	Lower	Upper
232	100		
131	39.3	35.1	52.7
130	2.0	1.8	2.8
166	28.1	24.4	36.6

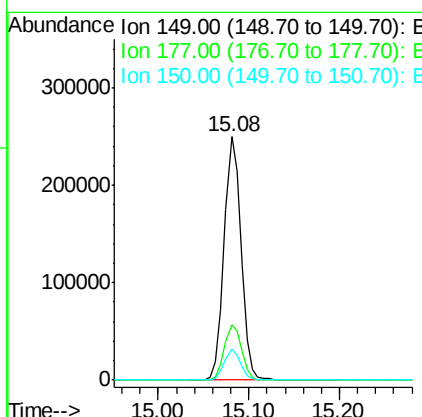
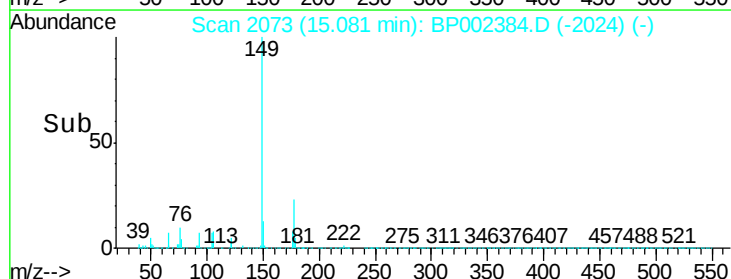
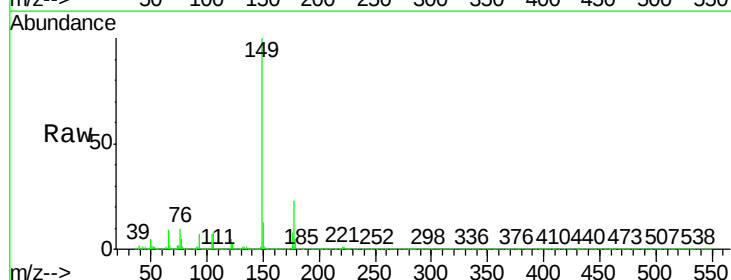
Manual Integrations
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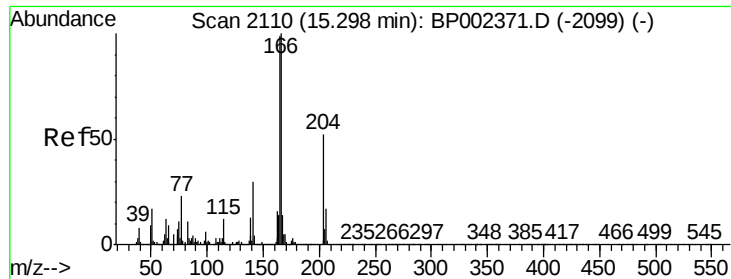
mohammad
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#60
Diethylphthalate
Concen: 10.363 ng
RT: 15.08 min Scan# 2073
Delta R.T. -0.01 min
Lab File: BP002384.D
Acq: 10 Jun 2020 20:33

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.9	18.9	28.3
150	12.7	9.9	14.9





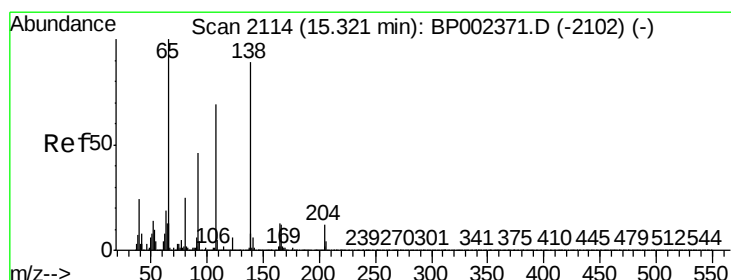
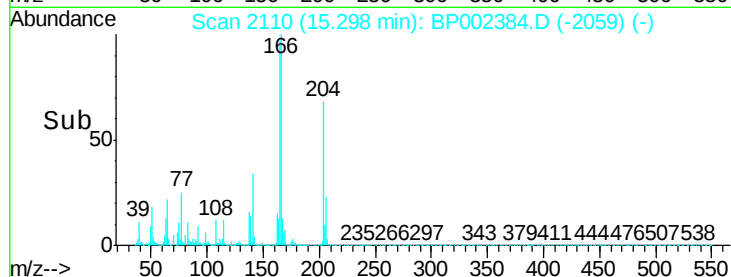
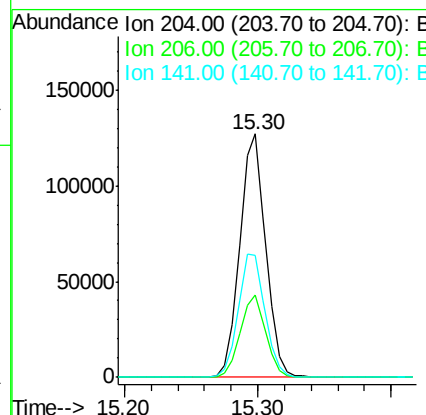
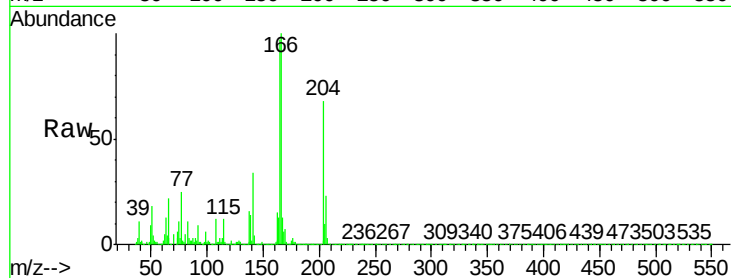
#61
4-Chlorophenyl-phenylether
Concen: 12.272 ng
RT: 15.30 min Scan# 2110
Delta R.T. 0.00 min
Lab File: BP002384.D
Acq: 10 Jun 2020 20:33

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT1-2020

Tot Ion	Ratio	Resp	Lower	Upper
204	100	171310		
206	33.6	26.8	40.2	
141	50.1	46.6	69.8	

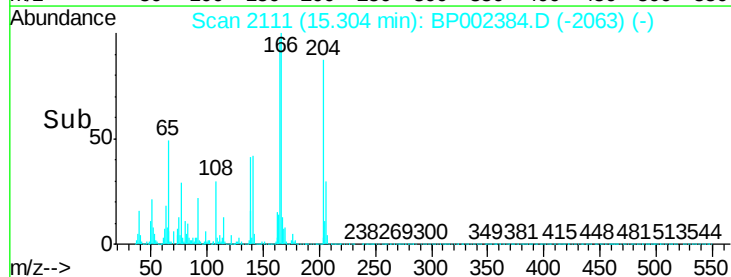
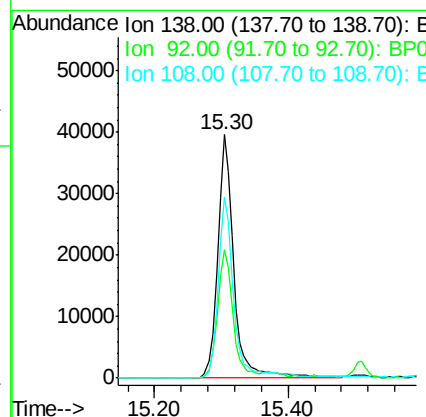
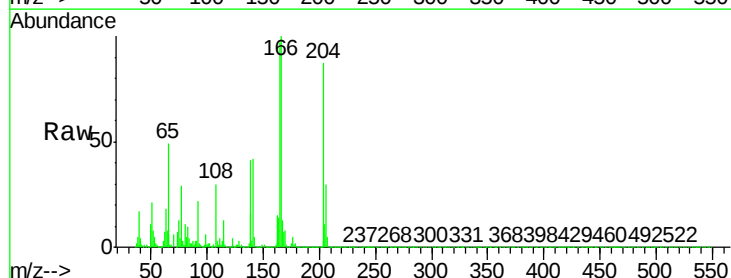
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#62
4-Nitroaniline
Concen: 9.136 ng
RT: 15.30 min Scan# 2111
Delta R.T. -0.02 min
Lab File: BP002384.D
Acq: 10 Jun 2020 20:33

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	67669		
92	52.7	31.7	71.7	
108	74.1	57.5	97.5	





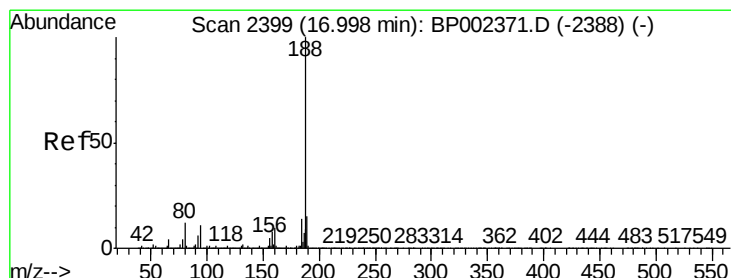
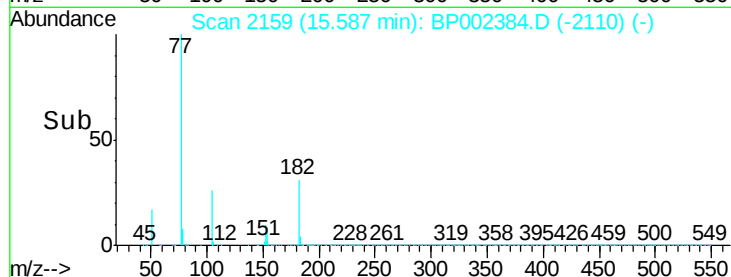
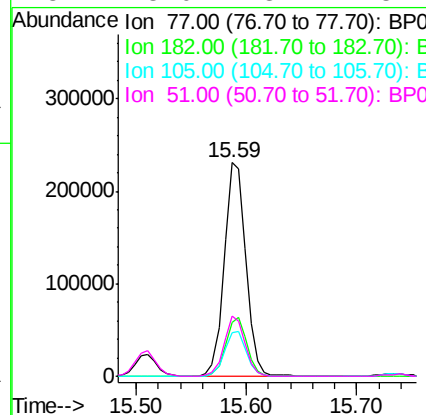
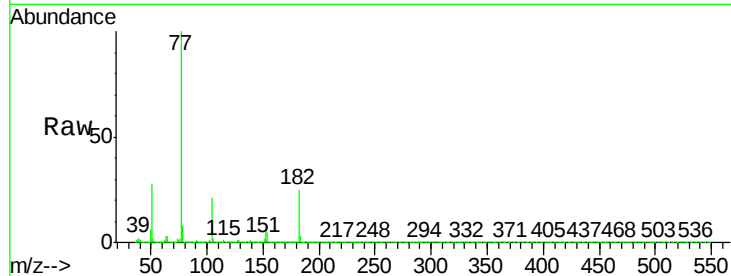
#63
Azobenzene
Concen: 10.138 ng
RT: 15.59 min Scan# 2159
Delta R.T. -0.01 min
Lab File: BP002384.D
Acq: 10 Jun 2020 20:33

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT1-2020

Tot Ion	Ratio	Lower	Upper
77	100		
182	25.1	6.0	46.0
105	20.7	1.3	41.3
51	28.0	8.7	48.7

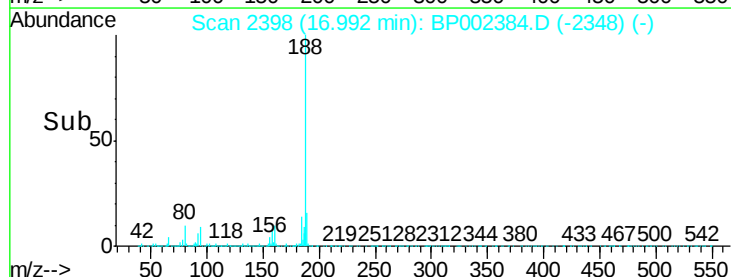
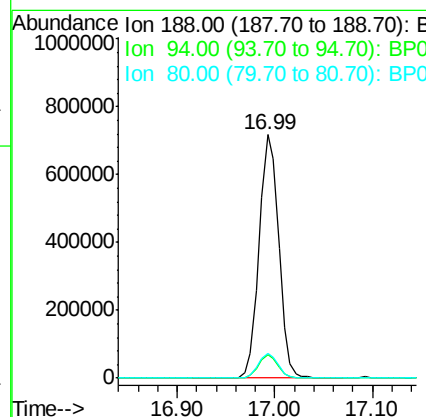
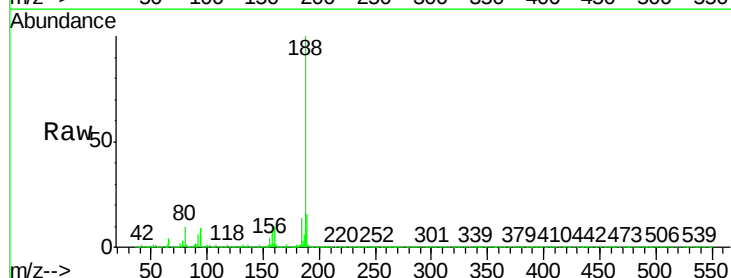
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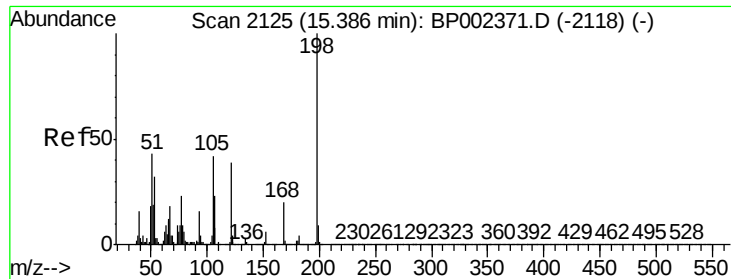
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.99 min Scan# 2398
Delta R.T. -0.01 min
Lab File: BP002384.D
Acq: 10 Jun 2020 20:33

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.5	8.5	12.7
80	10.4	9.4	14.0





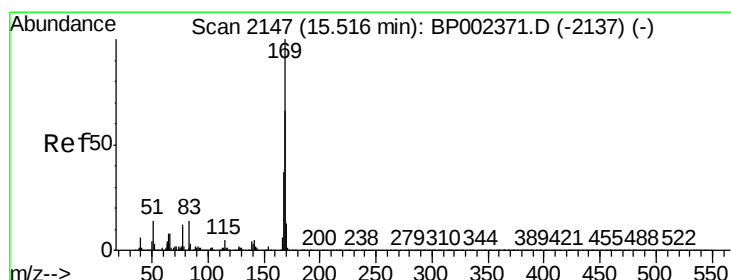
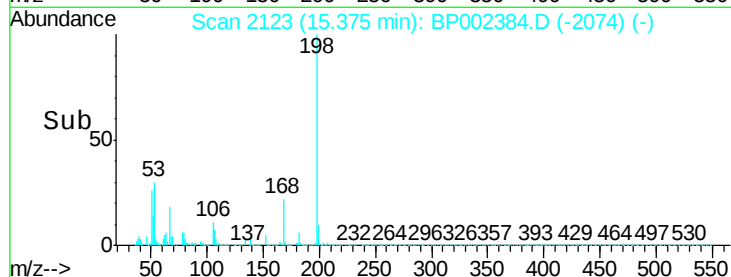
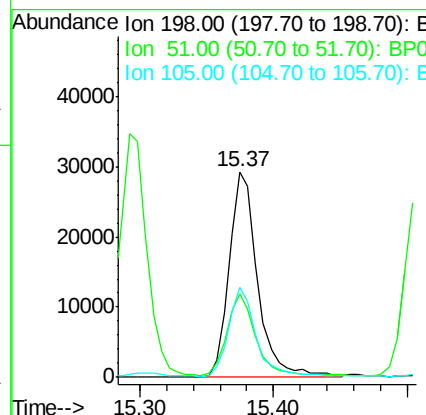
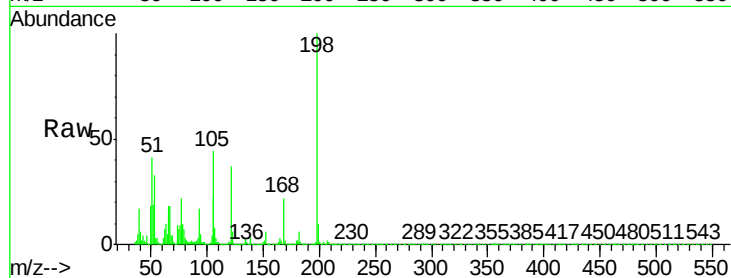
#65
4,6-Dinitro-2-methylphenol
Concen: 8.258 ng
RT: 15.37 min Scan# 2123
Delta R.T. -0.01 min
Lab File: BP002384.D
Acq: 10 Jun 2020 20:33

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT1-2020

Tot Ion	Ratio	Resp	Lower	Upper
198	100	43806		
51	41.0		23.4	63.4
105	43.6		22.5	62.5

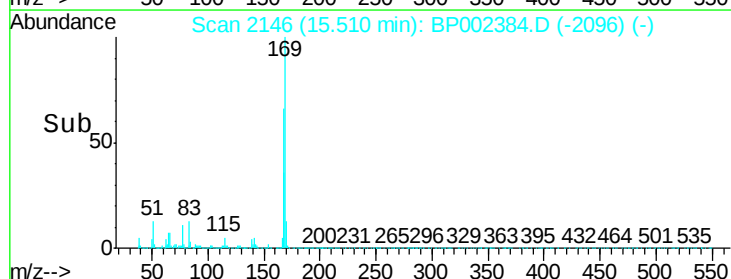
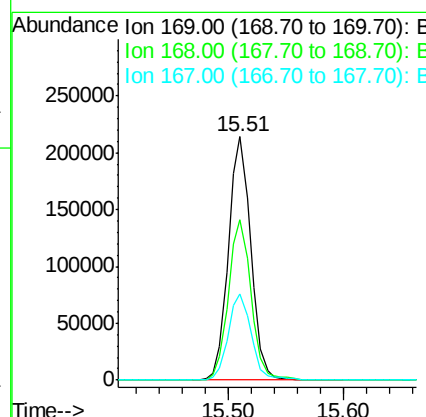
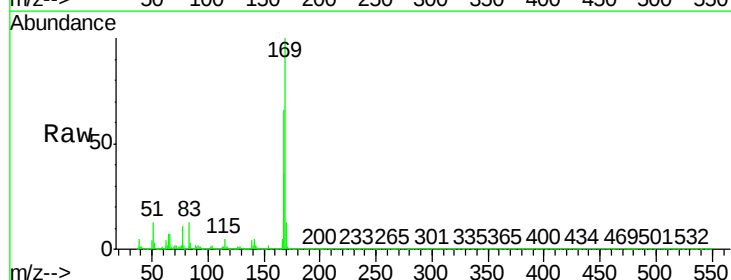
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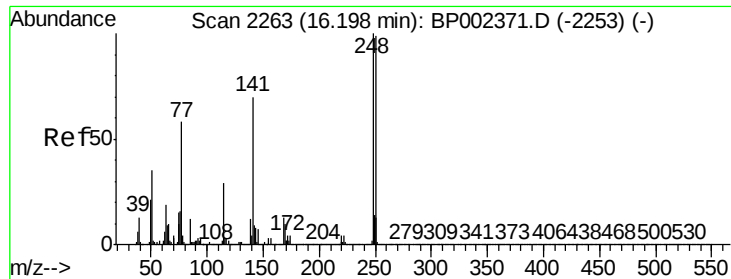
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#66
n-Nitrosodiphenylamine
Concen: 11.160 ng
RT: 15.51 min Scan# 2146
Delta R.T. -0.01 min
Lab File: BP002384.D
Acq: 10 Jun 2020 20:33

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	286603		
168	66.1		52.8	79.2
167	35.6		29.4	44.0





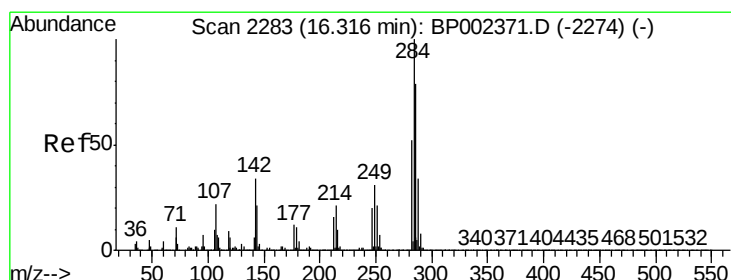
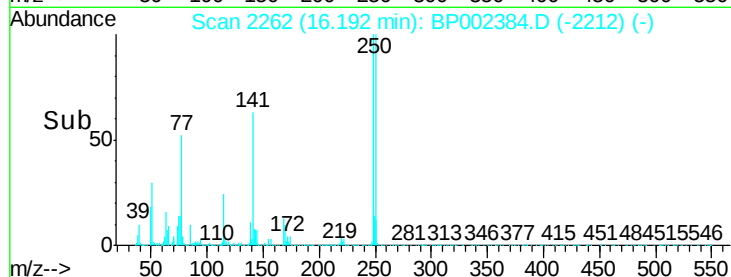
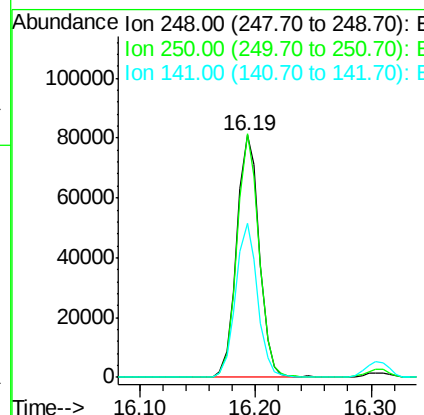
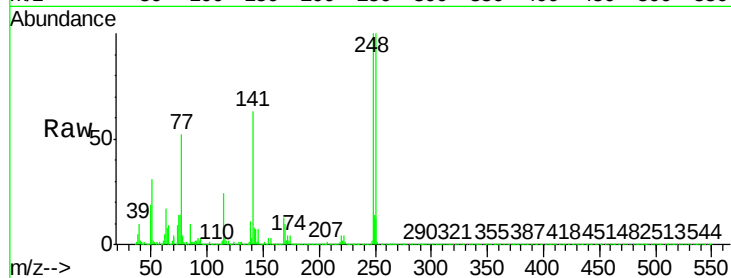
#67
4-Bromophenyl-phenylether
Concen: 11.528 ng
RT: 16.19 min Scan# 2262
Delta R.T. -0.01 min
Lab File: BP002384.D
Acq: 10 Jun 2020 20:33

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT1-2020

Tot Ion	Ratio	Lower	Upper
248	100		
250	100.5	79.3	118.9
141	63.6	55.7	83.5

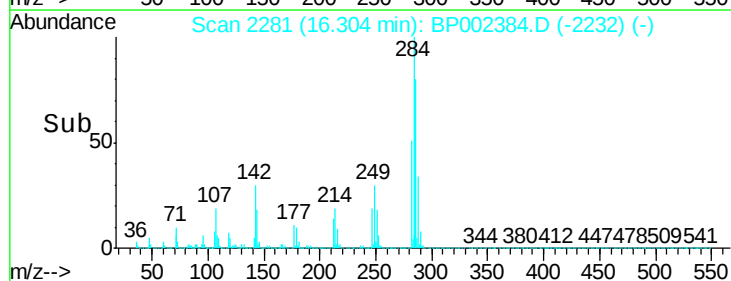
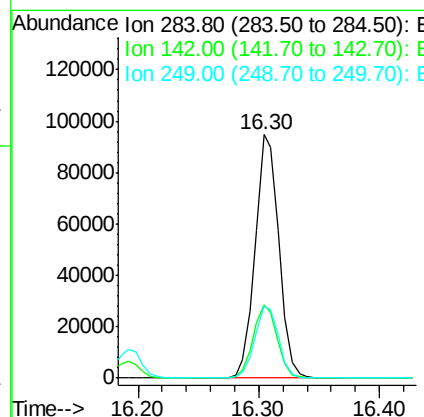
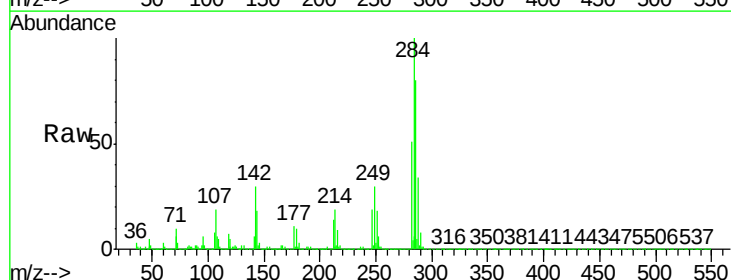
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#68
Hexachlorobenzene
Concen: 12.802 ng
RT: 16.30 min Scan# 2281
Delta R.T. -0.01 min
Lab File: BP002384.D
Acq: 10 Jun 2020 20:33

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.3	27.4	41.0
249	29.6	24.9	37.3





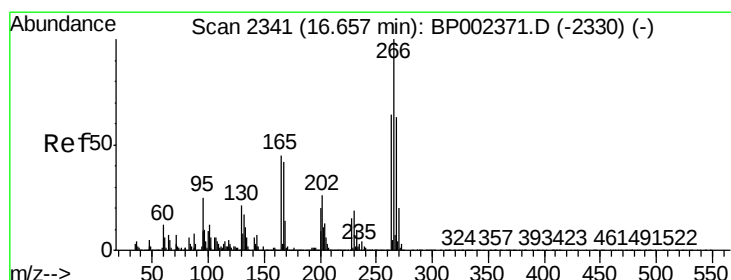
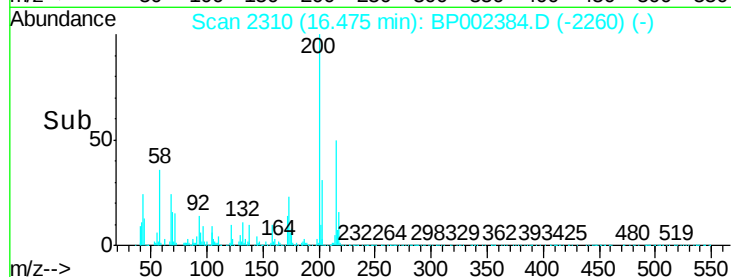
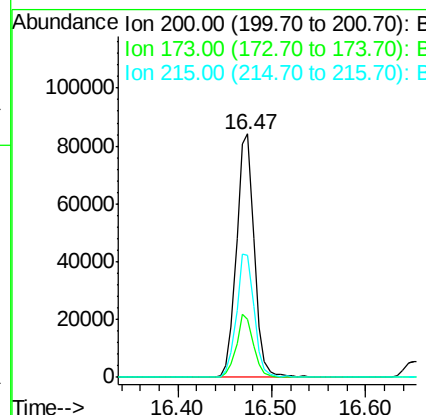
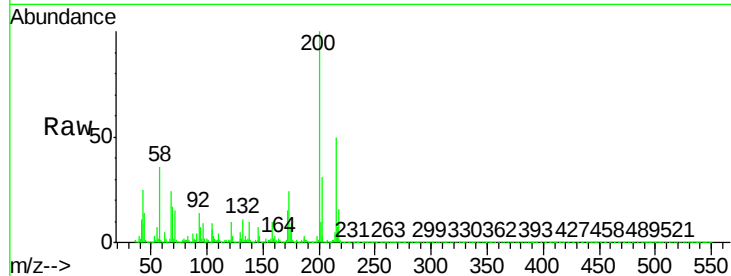
#69
Atrazine
Concen: 13.155 ng
RT: 16.47 min Scan# 2310
Delta R.T. -0.01 min
Lab File: BP002384.D
Acq: 10 Jun 2020 20:33

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT1-2020

Tot Ion	Ratio	Lower	Upper
200	100		
173	24.0	6.4	46.4
215	50.2	29.3	69.3

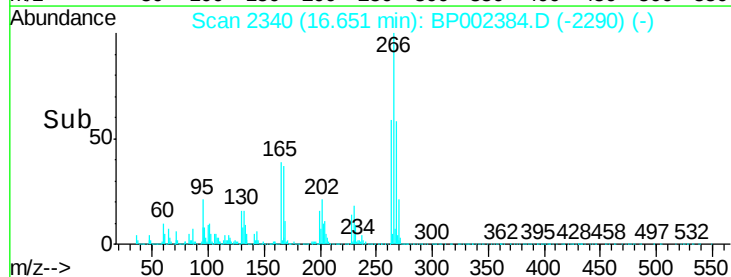
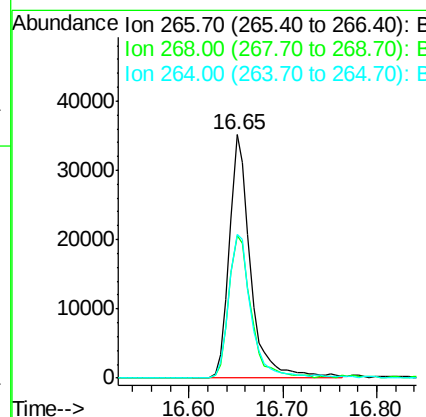
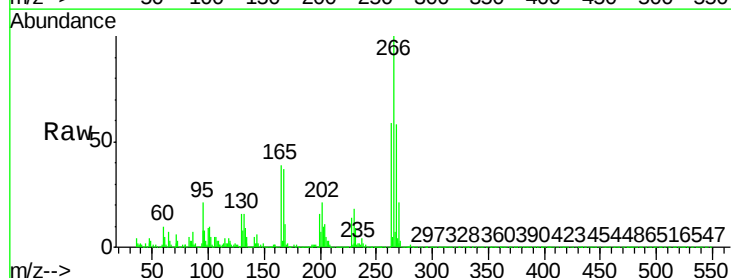
Manual Integrations
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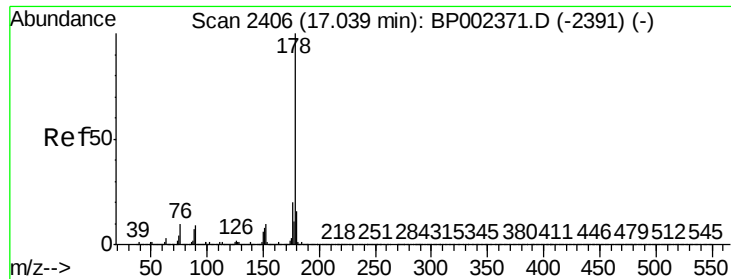
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#70
Pentachlorophenol
Concen: 9.107 ng
RT: 16.65 min Scan# 2340
Delta R.T. -0.01 min
Lab File: BP002384.D
Acq: 10 Jun 2020 20:33

Tgt Ion	Ratio	Lower	Upper
266	100		
268	58.5	50.5	75.7
264	59.1	51.4	77.0





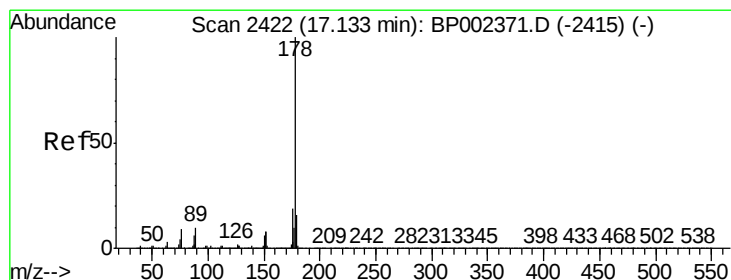
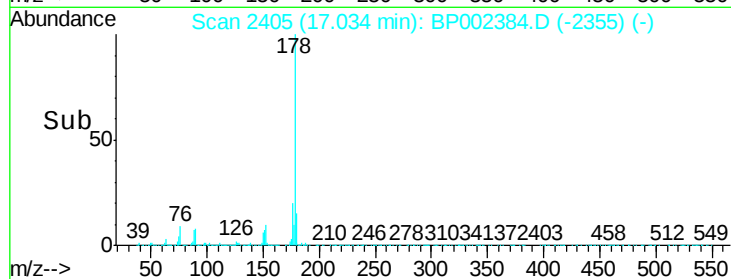
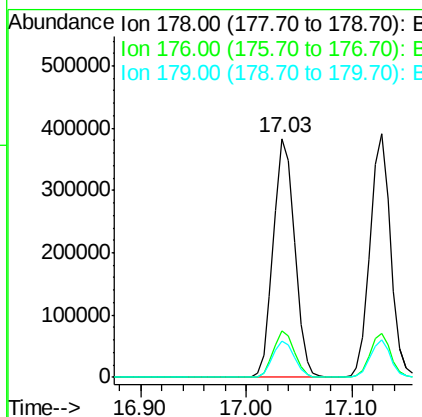
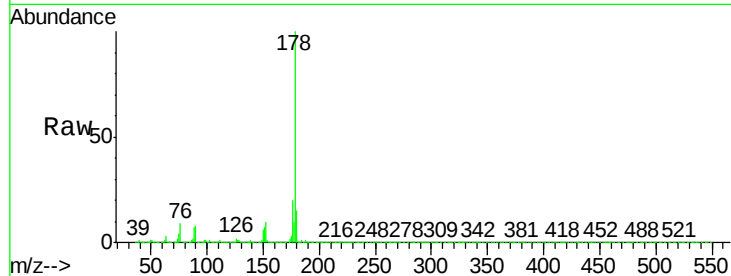
#71
Phenanthrene
Concen: 11.372 ng
RT: 17.03 min Scan# 2405
Delta R.T. -0.01 min
Lab File: BP002384.D
Acq: 10 Jun 2020 20:33

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT1-2020

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.8	23.6
179	15.3	12.5	18.7

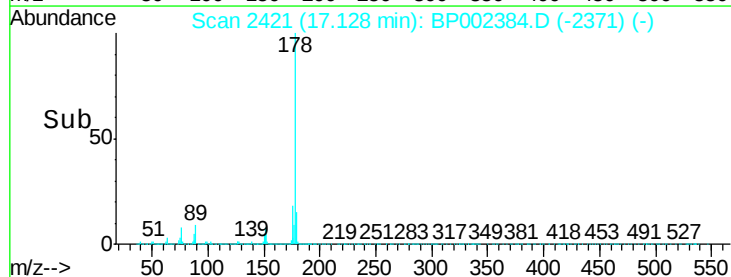
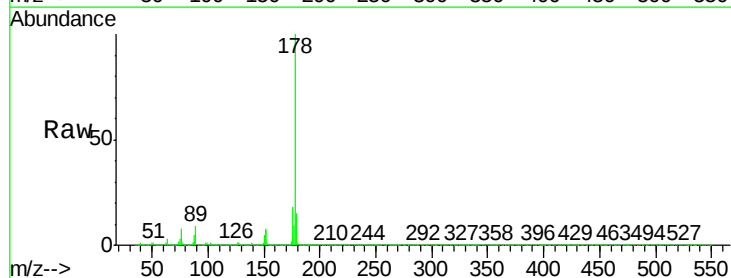
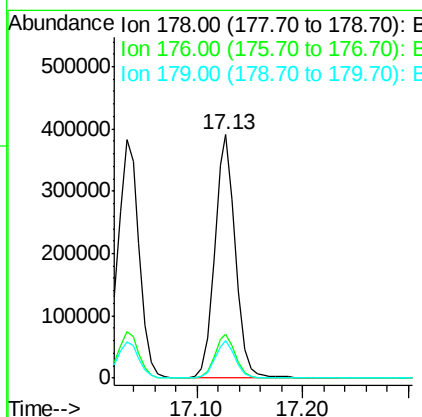
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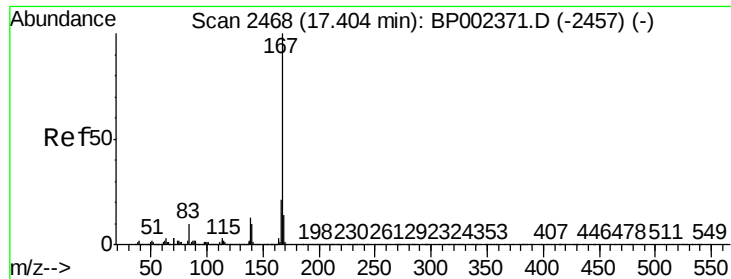
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#72
Anthracene
Concen: 11.422 ng
RT: 17.13 min Scan# 2421
Delta R.T. -0.01 min
Lab File: BP002384.D
Acq: 10 Jun 2020 20:33

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.5	23.3
179	15.5	13.0	19.4





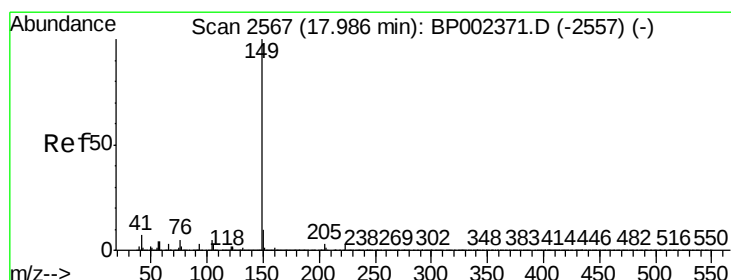
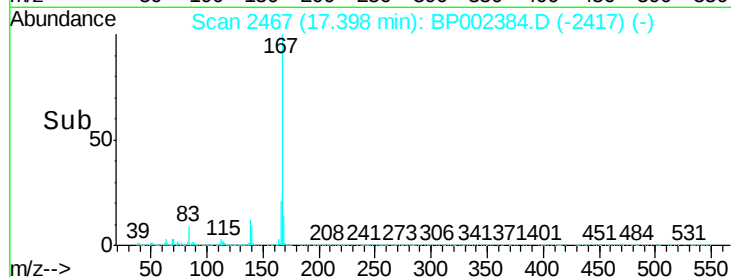
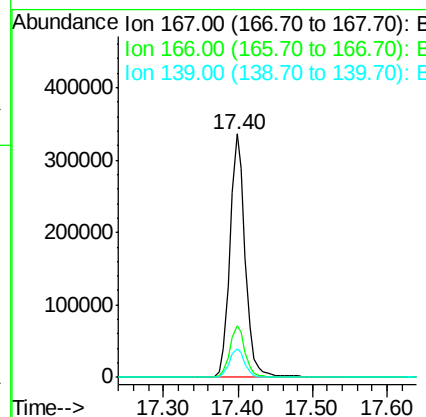
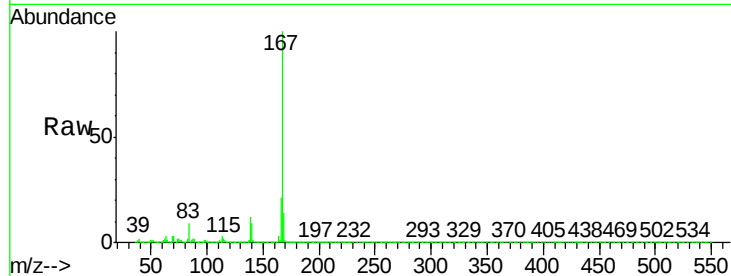
#73
 Carbazole
 Concen: 10.491 ng
 RT: 17.40 min Scan# 2467
 Delta R.T. -0.01 min
 Lab File: BP002384.D
 Acq: 10 Jun 2020 20:33

Instrument :
 BNA_P
 ClientSampleId :
 LOQ-SOIL-02-QT1-2020

Tot Ion	Ratio	Lower	Upper
167	100		
166	20.9	17.1	25.7
139	11.8	10.3	15.5

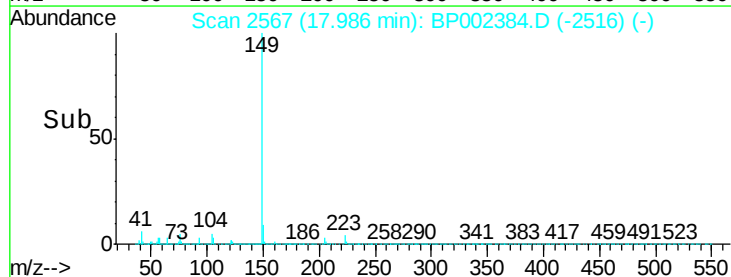
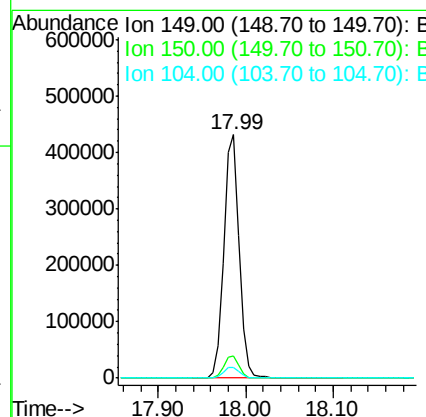
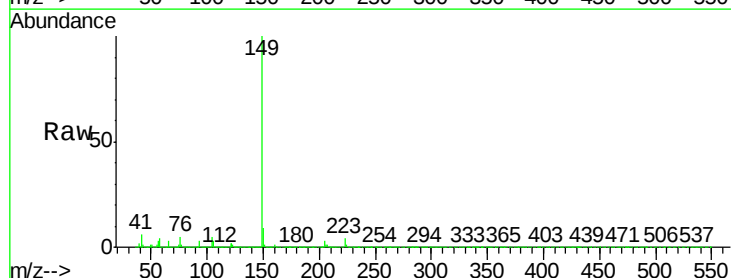
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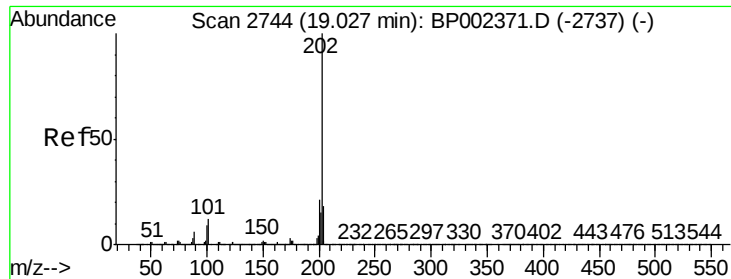
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#74
 Di-n-butylphthalate
 Concen: 9.642 ng
 RT: 17.99 min Scan# 2567
 Delta R.T. 0.00 min
 Lab File: BP002384.D
 Acq: 10 Jun 2020 20:33

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





#75

Fluoranthene

Concen: 11.424 ng

RT: 19.02 min Scan# 2743

Delta R.T. -0.01 min

Lab File: BP002384.D

Acq: 10 Jun 2020 20:33

Instrument :

BNA_P

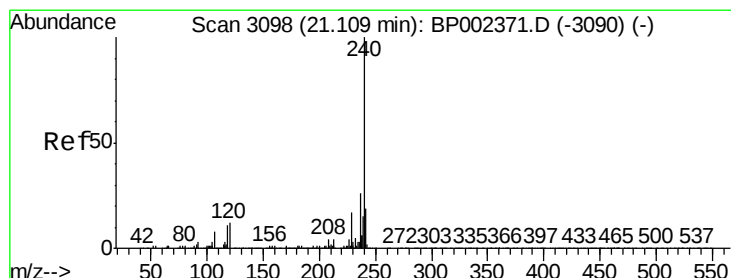
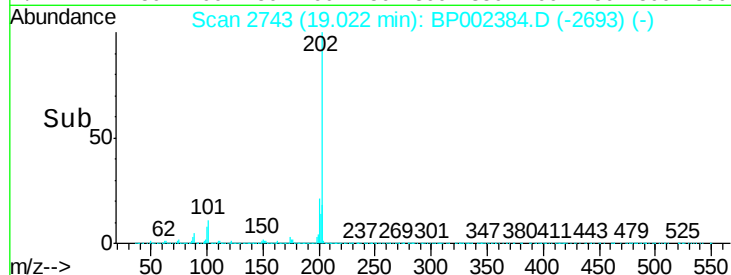
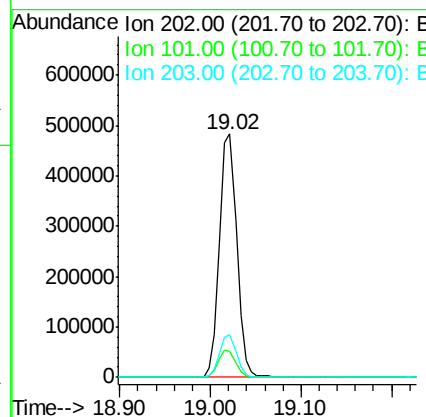
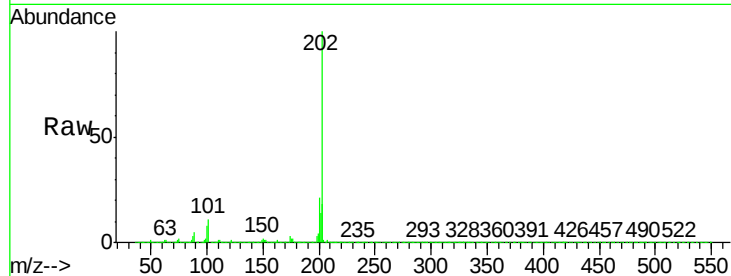
ClientSampleId :

LOQ-SOIL-02-QT1-2020

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	10.8	0.0	31.8
203	17.7	0.0	38.0

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#76

Chrysene-d12

Concen: 20.000 ng

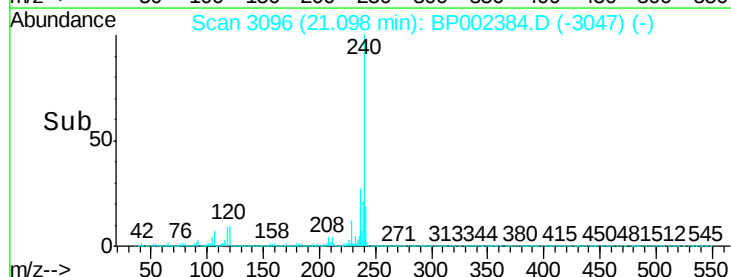
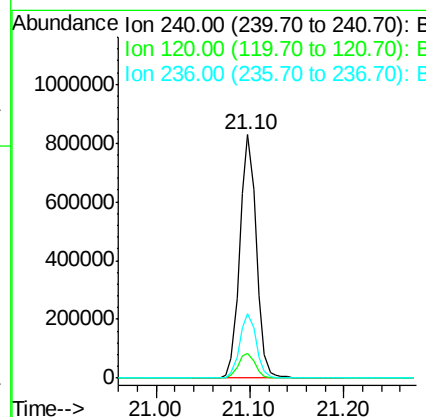
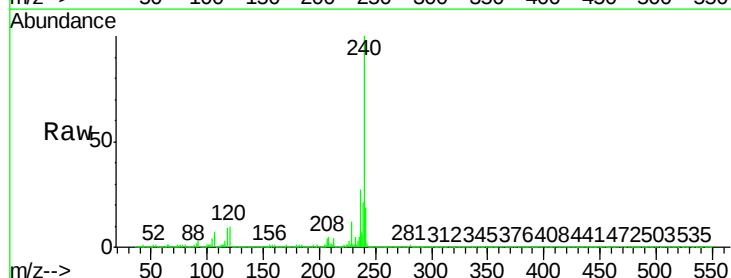
RT: 21.10 min Scan# 3096

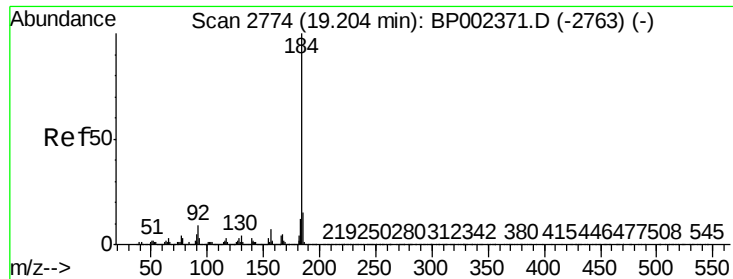
Delta R.T. -0.01 min

Lab File: BP002384.D

Acq: 10 Jun 2020 20:33

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





#77

Benzidine

Concen: 13.697 ng

RT: 19.20 min Scan# 2774

Delta R.T. 0.00 min

Lab File: BP002384.D

Acq: 10 Jun 2020 20:33

Instrument :

BNA_P

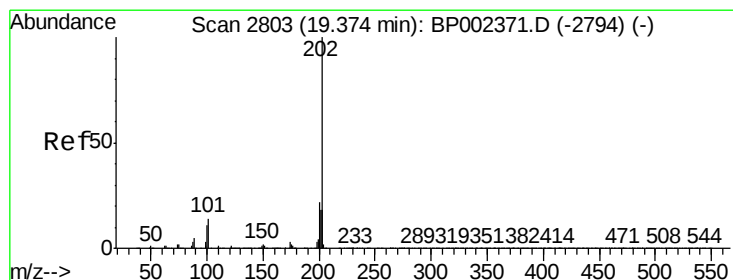
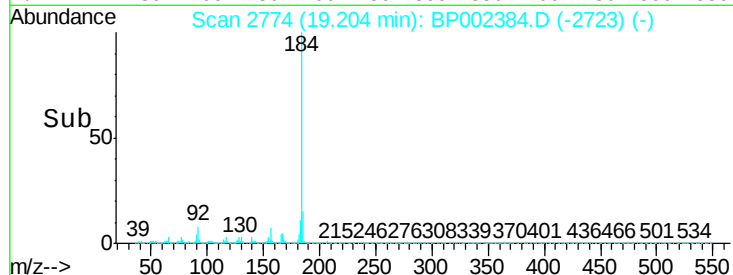
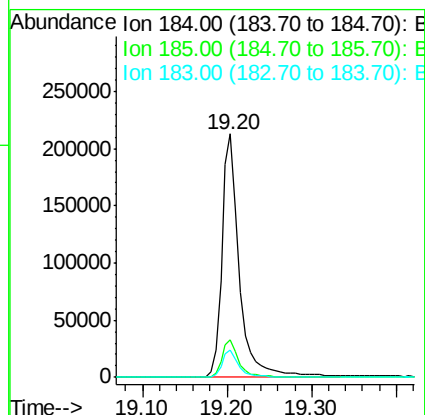
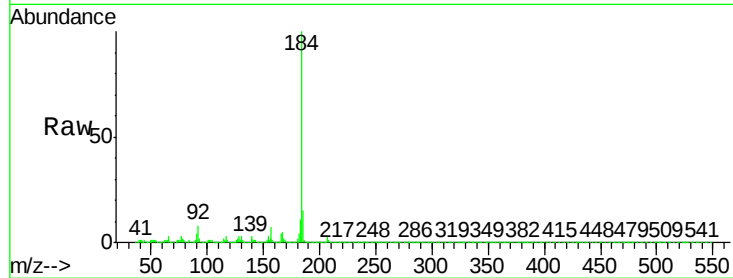
ClientSampleId :

LOQ-SOIL-02-QT1-2020

Tot Ion:	184	Resp:	309610
Ion Ratio	Lower	Upper	
184	100		
185	15.2	11.8	17.8
183	11.0	9.2	13.8

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#78

Pyrene

Concen: 10.883 ng

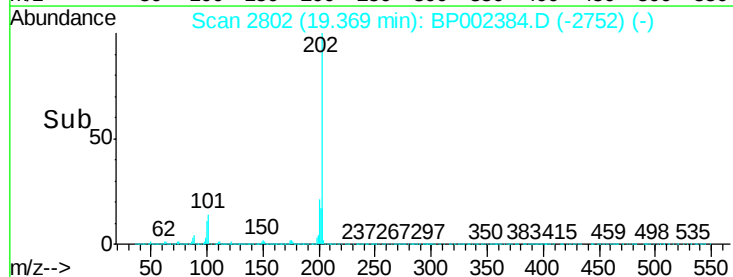
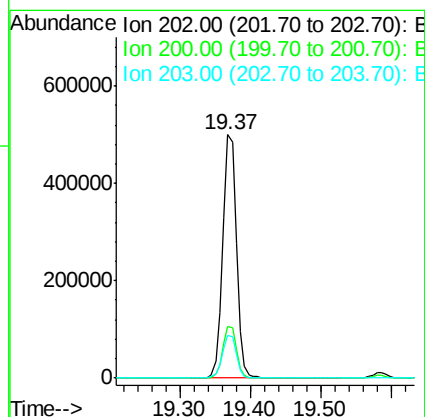
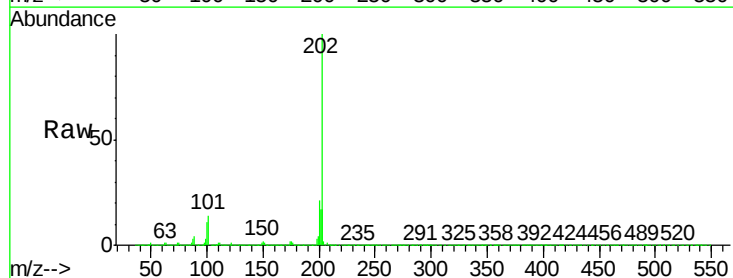
RT: 19.37 min Scan# 2802

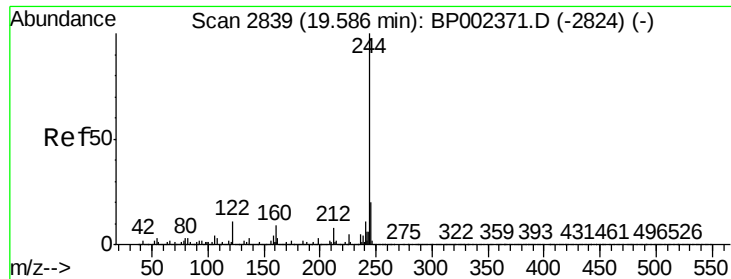
Delta R.T. -0.01 min

Lab File: BP002384.D

Acq: 10 Jun 2020 20:33

Tgt Ion:	202	Resp:	674382
Ion Ratio	Lower	Upper	
202	100		
200	21.2	17.7	26.5
203	17.3	14.6	22.0





#79

Terphenyl-d14

Concen: 118.152 ng

RT: 19.59 min Scan# 2839

Delta R.T. 0.00 min

Lab File: BP002384.D

Acq: 10 Jun 2020 20:33

Instrument :

BNA_P

ClientSampleId :

LOQ-SOIL-02-QT1-2020

Tot Ion:244 Resp: 4561604

Ion Ratio Lower Upper

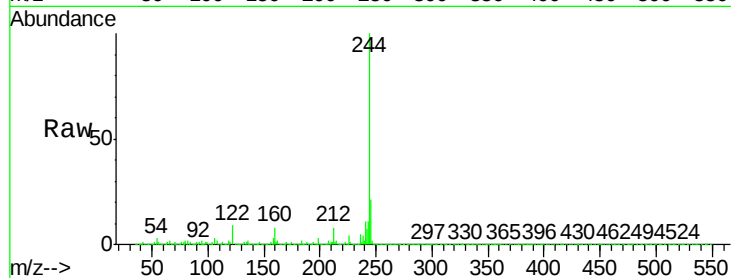
244 100

212 7.8 6.6 10.0

122 8.7 8.8 13.2#

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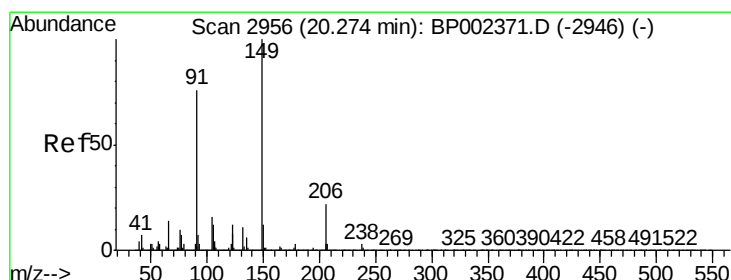
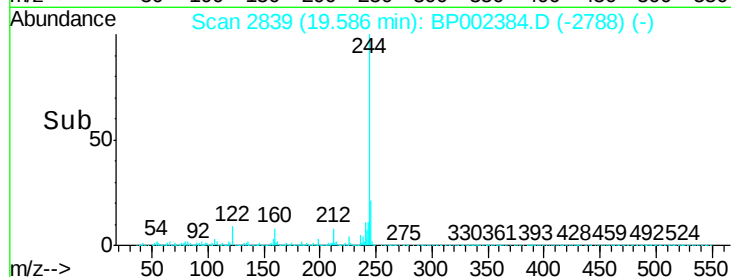
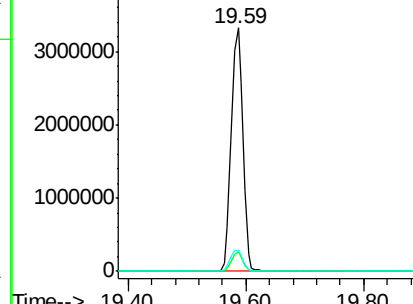
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 8.082 ng

RT: 20.27 min Scan# 2955

Delta R.T. -0.01 min

Lab File: BP002384.D

Acq: 10 Jun 2020 20:33

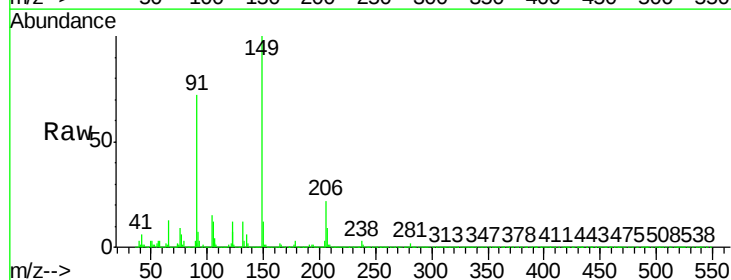
Tgt Ion:149 Resp: 222617

Ion Ratio Lower Upper

149 100

91 72.0 61.2 91.8

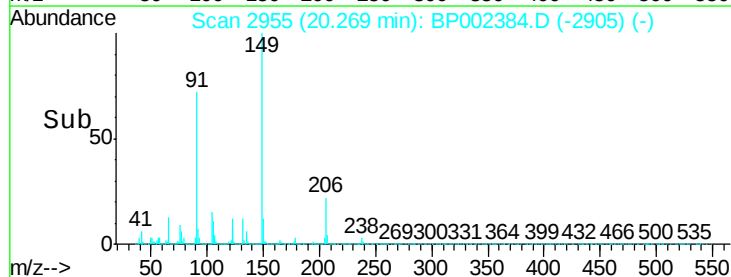
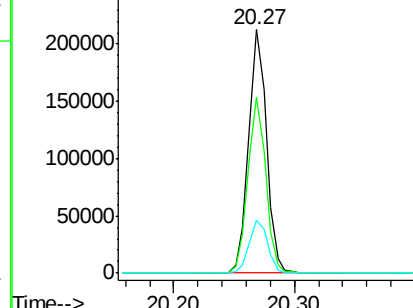
206 21.8 17.8 26.6

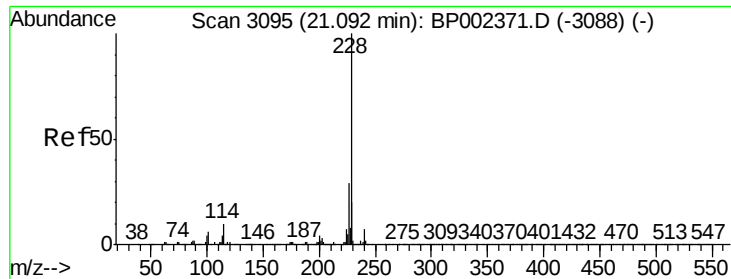


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BP0

Ion 206.00 (205.70 to 206.70): E





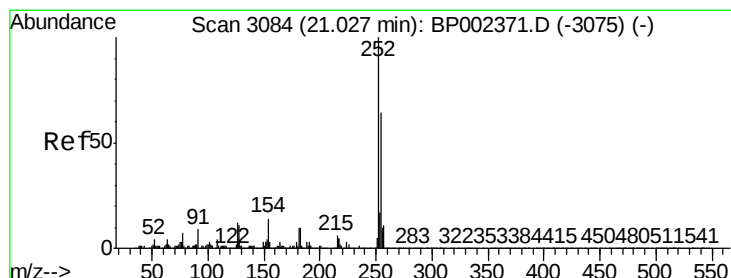
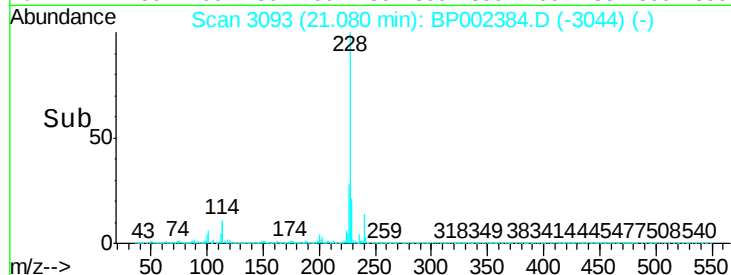
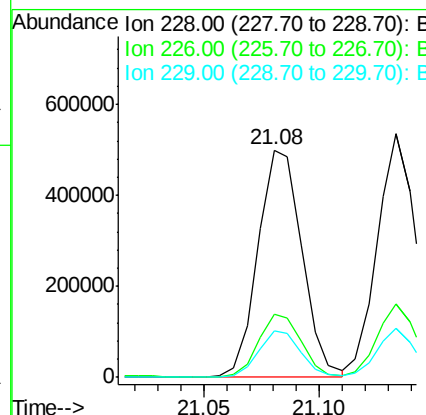
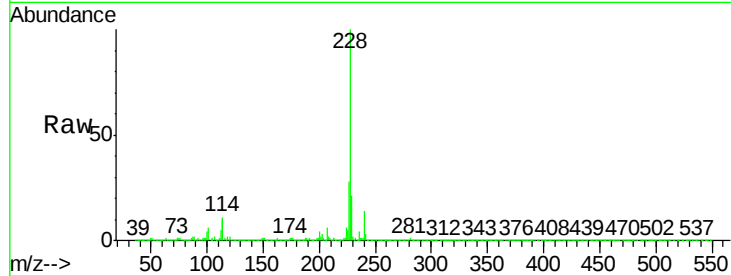
#81
Benzo(a)anthracene
Concen: 11.509 ng
RT: 21.08 min Scan# 3093
Delta R.T. -0.01 min
Lab File: BP002384.D
Acq: 10 Jun 2020 20:33

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT1-2020

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.8	34.2
229	20.5	16.2	24.2

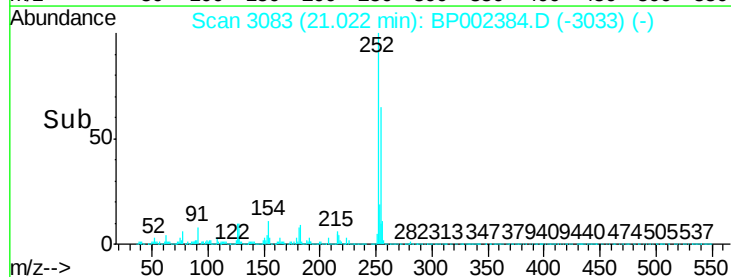
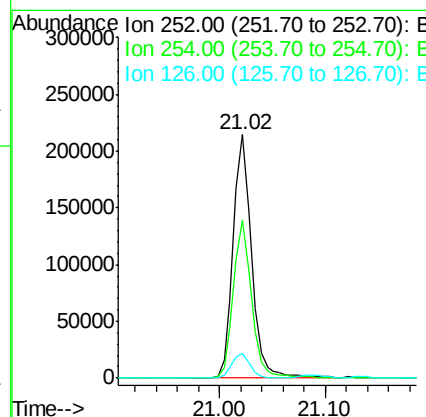
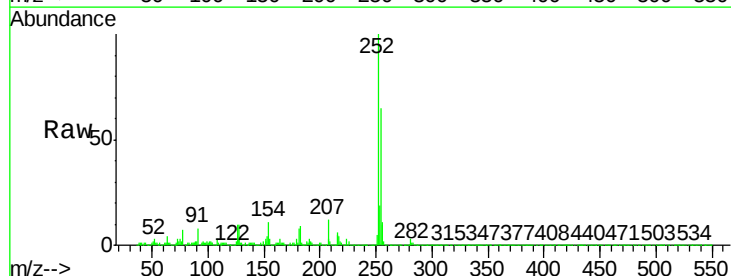
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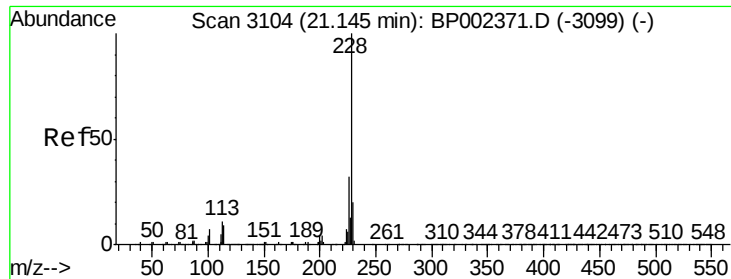
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#82
3,3'-Dichlorobenzidine
Concen: 12.037 ng
RT: 21.02 min Scan# 3083
Delta R.T. -0.01 min
Lab File: BP002384.D
Acq: 10 Jun 2020 20:33

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.1	51.4	77.2
126	10.3	9.2	13.8





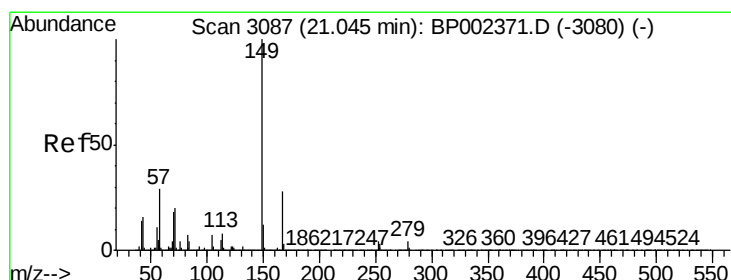
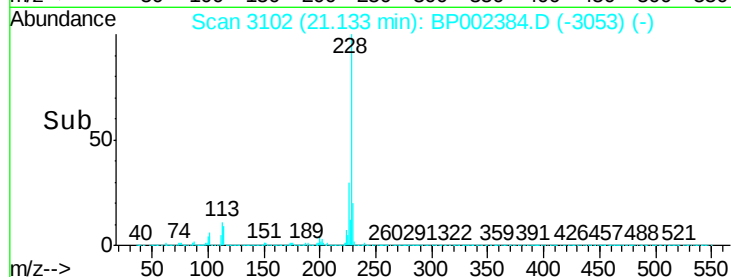
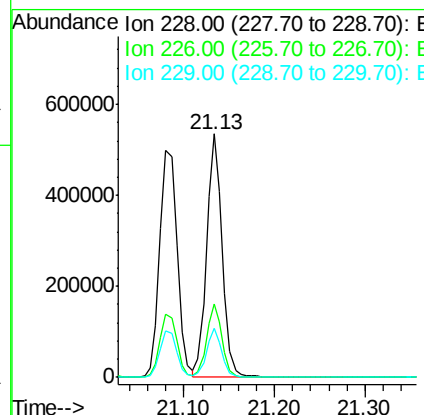
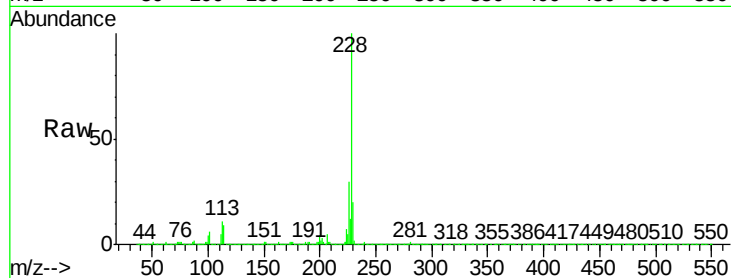
#83
Chrysene
Concen: 11.805 ng
RT: 21.13 min Scan# 3102
Delta R.T. -0.01 min
Lab File: BP002384.D
Acq: 10 Jun 2020 20:33

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT1-2020

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.2	25.2	37.8
229	20.1	16.1	24.1

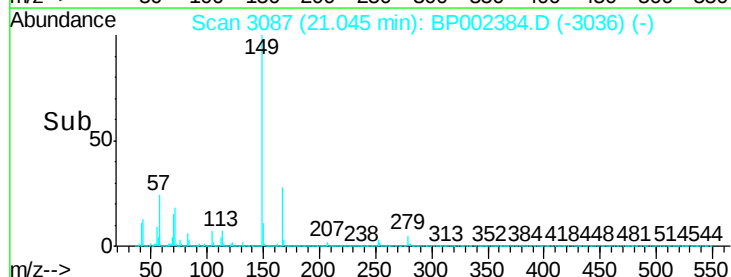
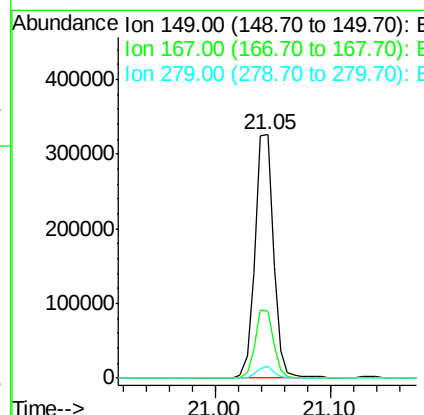
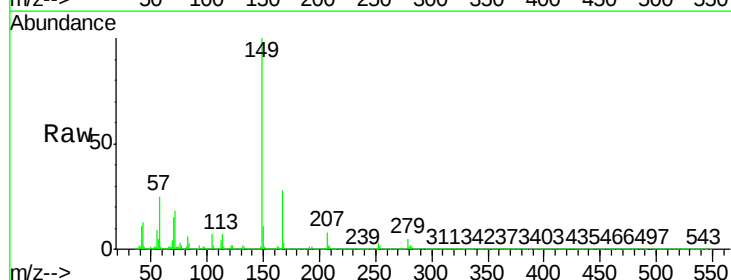
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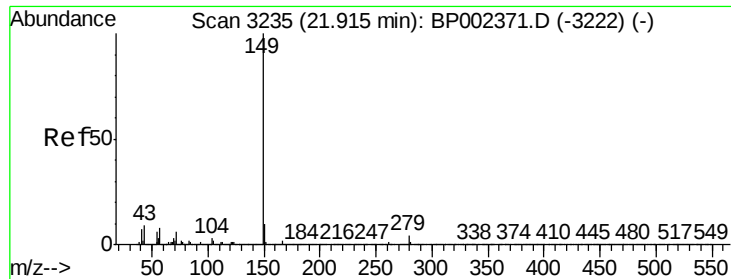
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#84
Bis(2-ethylhexyl)phthalate
Concen: 9.097 ng
RT: 21.05 min Scan# 3087
Delta R.T. 0.00 min
Lab File: BP002384.D
Acq: 10 Jun 2020 20:33

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.7	22.3	33.5
279	5.2	3.2	4.8





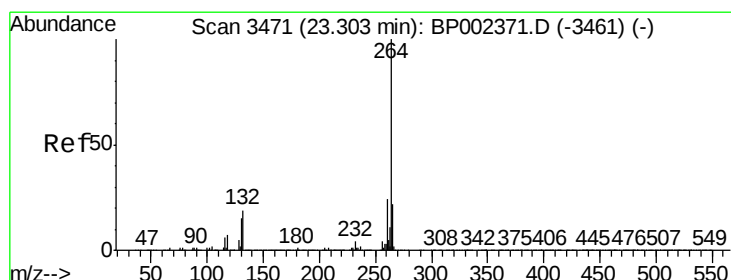
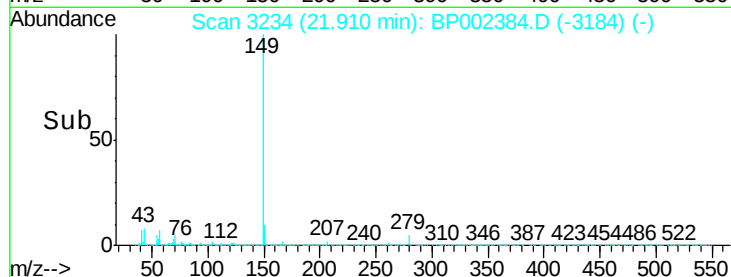
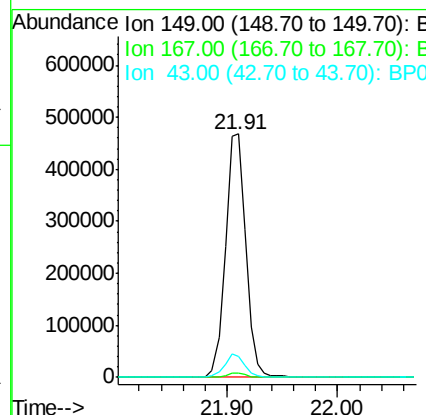
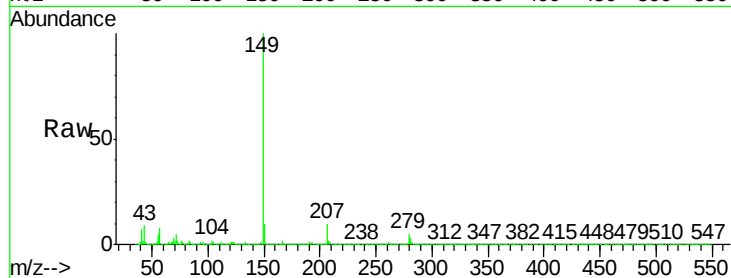
#85
Di-n-octyl phthalate
Concen: 8.517 ng
RT: 21.91 min Scan# 3234
Delta R.T. -0.01 min
Lab File: BP002384.D
Acq: 10 Jun 2020 20:33

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT1-2020

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	9.1	7.8	11.6

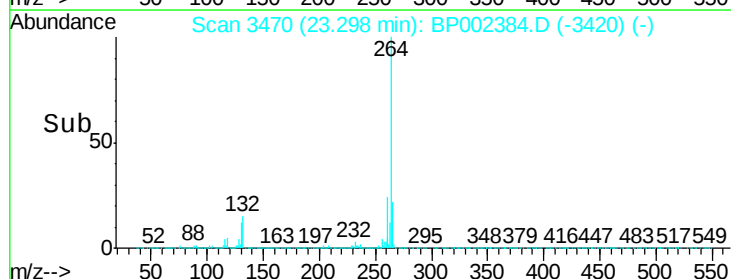
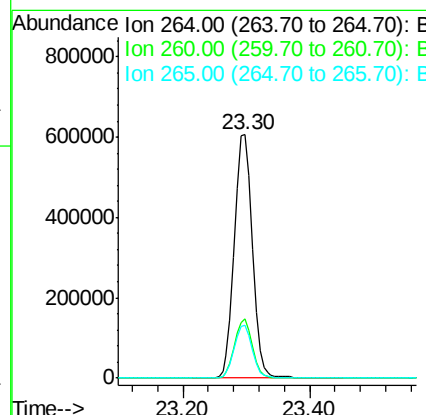
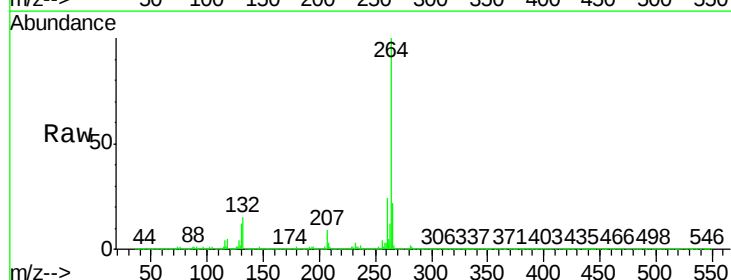
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#86
Perylene-d12
Concen: 20.000 ng
RT: 23.30 min Scan# 3470
Delta R.T. -0.01 min
Lab File: BP002384.D
Acq: 10 Jun 2020 20:33

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.4	29.0
265	21.8	17.4	26.2





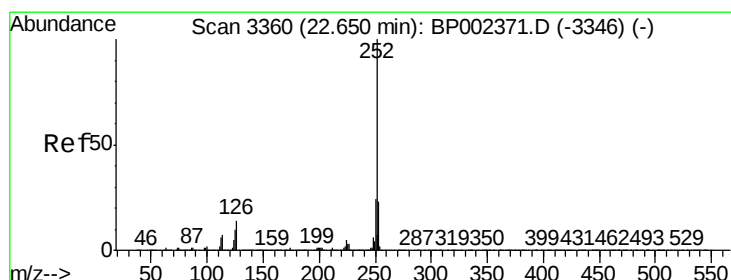
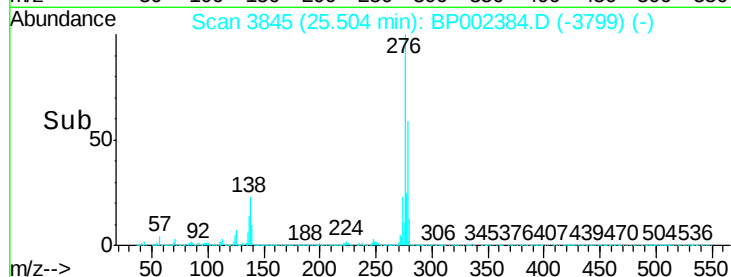
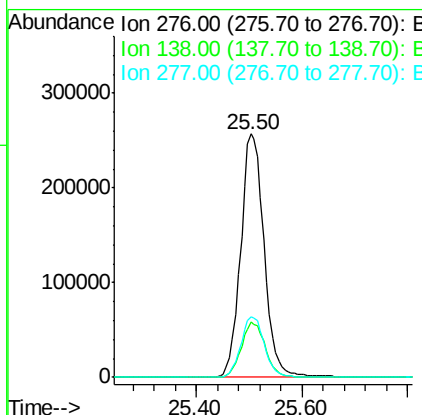
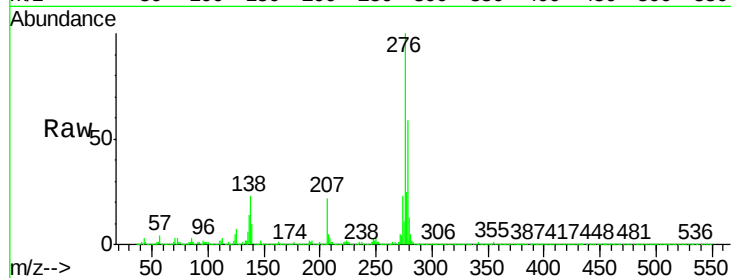
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 10.666 ng
 RT: 25.50 min Scan# 3845
 Delta R.T. -0.03 min
 Lab File: BP002384.D
 Acq: 10 Jun 2020 20:33

Instrument :
 BNA_P
 ClientSampleId :
 LOQ-SOIL-02-QT1-2020

Tot Ion:	276	Resp:	788717
Ion Ratio	Lower	Upper	
276	100		
138	23.5	21.2	31.8
277	25.0	20.3	30.5

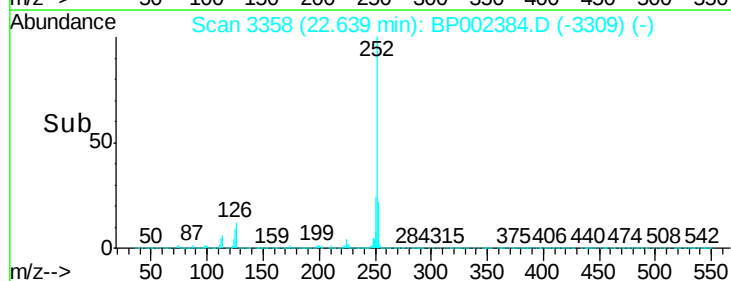
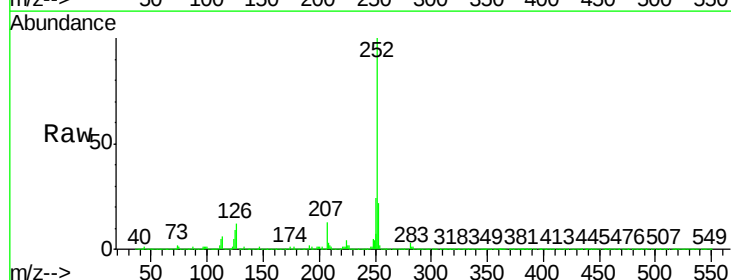
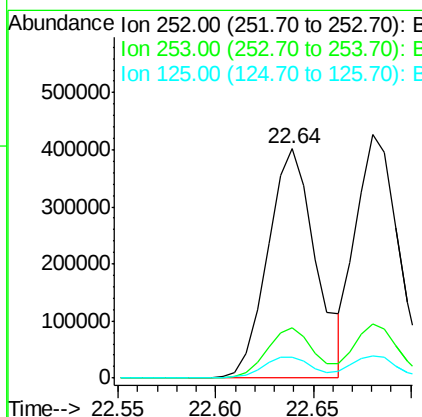
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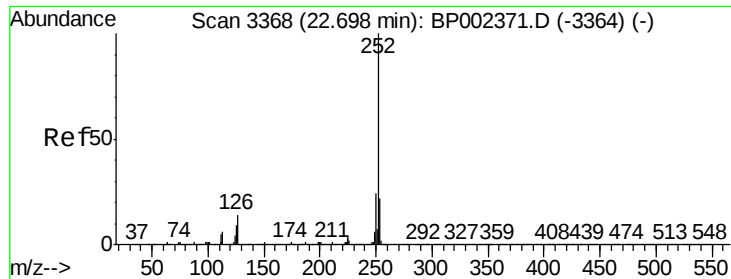
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#88
 Benzo(b)fluoranthene
 Concen: 10.734 ng
 RT: 22.64 min Scan# 3358
 Delta R.T. -0.01 min
 Lab File: BP002384.D
 Acq: 10 Jun 2020 20:33

Tgt Ion:	252	Resp:	684386
Ion Ratio	Lower	Upper	
252	100		
253	21.7	18.1	27.1
125	9.1	8.2	12.2





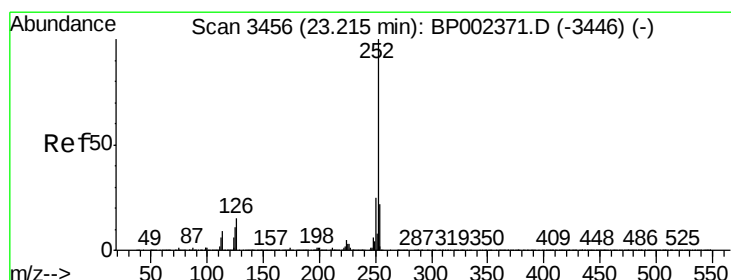
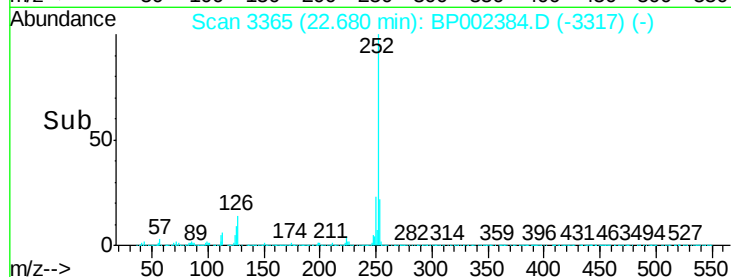
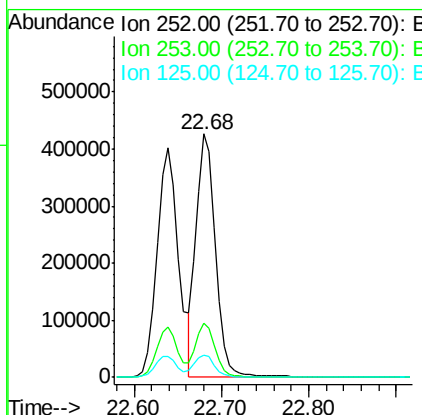
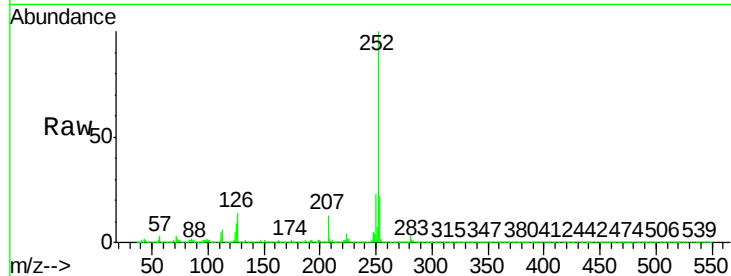
#89
Benzo(k)fluoranthene
Concen: 10.855 ng
RT: 22.68 min Scan# 3365
Delta R.T. -0.02 min
Lab File: BP002384.D
Acq: 10 Jun 2020 20:33

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT1-2020

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.8	26.6
125	9.3	7.8	11.8

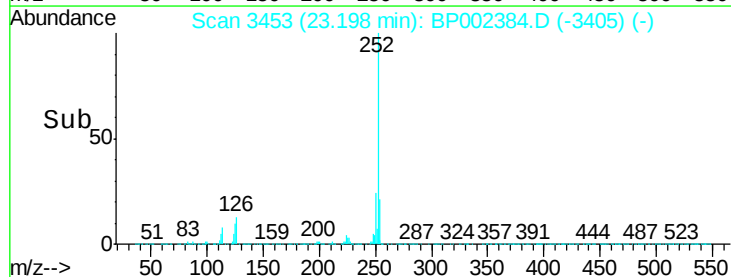
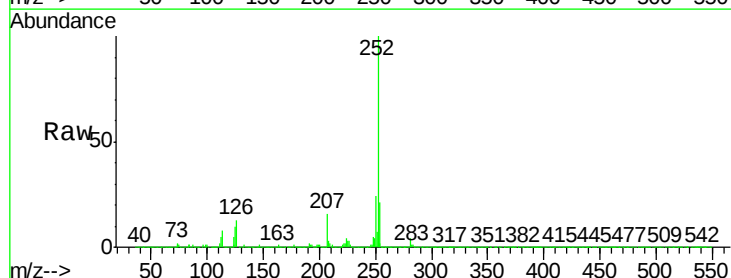
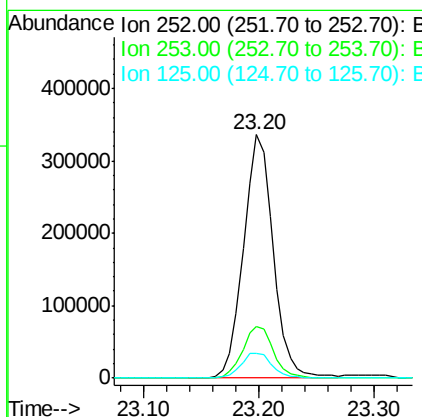
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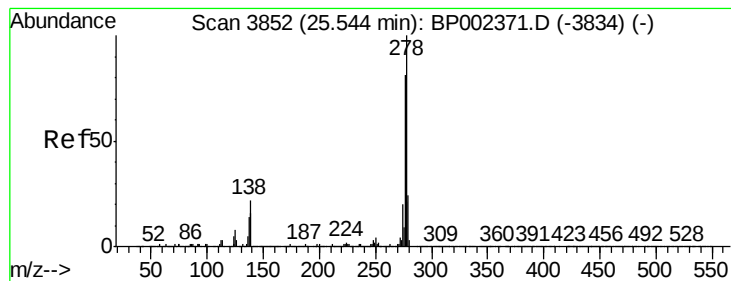
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#90
Benzo(a)pyrene
Concen: 10.065 ng
RT: 23.20 min Scan# 3453
Delta R.T. -0.02 min
Lab File: BP002384.D
Acq: 10 Jun 2020 20:33

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.1	17.8	26.8
125	10.4	9.2	13.8





#91

Dibenzo(a,h)anthracene

Concen: 11.176 ng

RT: 25.52 min Scan# 3848

Delta R.T. -0.02 min

Lab File: BP002384.D

Acq: 10 Jun 2020 20:33

Instrument :

BNA_P

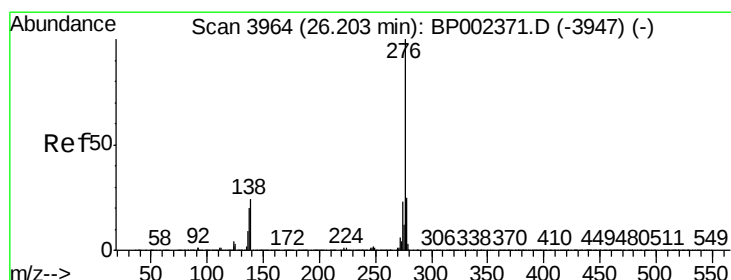
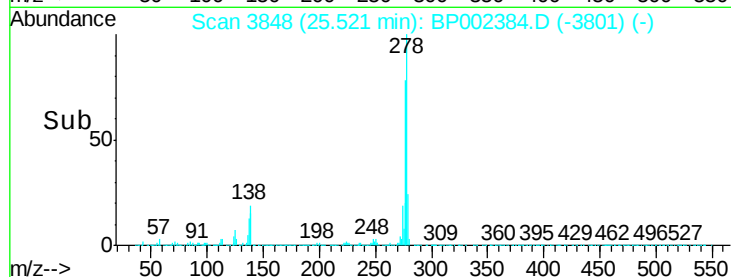
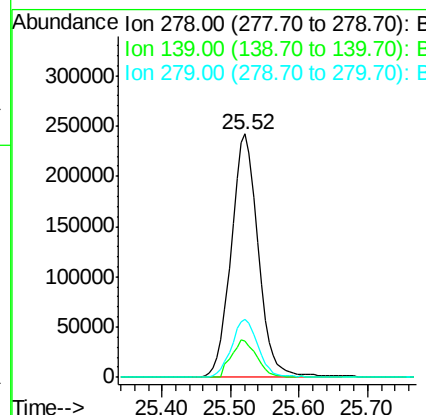
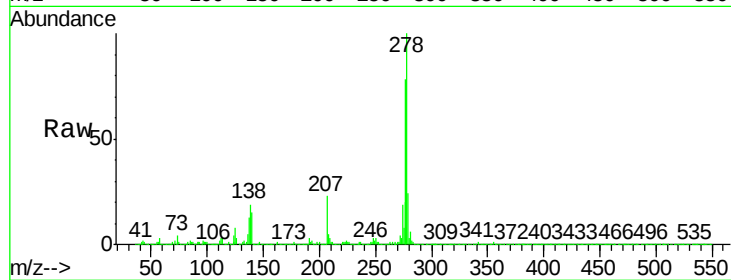
ClientSampleId :

LOQ-SOIL-02-QT1-2020

Tot Ion:	278	Resp:	662975
Ion Ratio	Lower	Upper	
278	100		
139	14.9	13.1	19.7
279	23.9	18.9	28.3

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#92

Benzo(g,h,i)perylene

Concen: 10.735 ng

RT: 26.17 min Scan# 3959

Delta R.T. -0.03 min

Lab File: BP002384.D

Acq: 10 Jun 2020 20:33

Tgt Ion:	276	Resp:	659525
Ion Ratio	Lower	Upper	
276	100		
277	23.1	19.8	29.6
138	20.9	19.2	28.8

