

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP061220\
 Data File : BP002402.D
 Acq On : 12 Jun 2020 17:37
 Operator : CG/JU
 Sample : L2182-02
 Misc : L00-S-10PPM
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 LOQ-SOIL-02-QT2-2020

Manual Integrations
 APPROVED

mohammad
 6/15/2020 8:47:11 AM

Quant Time: Jun 12 18:18:00 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP060520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 12 16:44:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	155748	20.00	ng	0.00
21) Naphthalene-d8	10.36	136	629522	20.00	ng	0.00
39) Acenaphthene-d10	14.24	164	382370	20.00	ng	0.00
64) Phenanthrene-d10	17.00	188	806795	20.00	ng	0.00
76) Chrysene-d12	21.10	240	759694	20.00	ng	0.00
86) Perylene-d12	23.30	264	850892	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.20	112	1401409	166.50	ng	0.00
7) Phenol-d6	6.78	99	1900131	169.56	ng	0.00
23) Nitrobenzene-d5	8.73	82	1278644	121.30	ng	0.00
42) 2,4,6-Tribromophenol	15.74	330	669021	182.75	ng	0.00
45) 2-Fluorobiphenyl	12.86	172	2522725	110.93	ng	0.00
79) Terphenyl-d14	19.59	244	3462626	119.43	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.16	88	42061	10.848	ng	99
3) Pyridine	3.55	79	102945	9.769	ng	97
4) n-Nitrosodimethylamine	3.46	42	42846	9.866	ng	# 96
6) Aniline	6.92	93	161490	10.596	ng	98
8) 2-Chlorophenol	7.16	128	100245	10.592	ng	98
9) Benzaldehyde	6.73	77	95442	16.670	ng	95
10) Phenol	6.80	94	131770	10.842	ng	99
11) bis(2-Chloroethyl)ether	7.03	93	106057	10.452	ng	99
12) 1,3-Dichlorobenzene	7.48	146	110564	10.146	ng	99
13) 1,4-Dichlorobenzene	7.63	146	112025	10.217	ng	96
14) 1,2-Dichlorobenzene	7.94	146	109042	10.382	ng	96
15) Benzyl Alcohol	7.83	79	83878	9.657	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.12	45	145131	10.080	ng	99
17) 2-Methylphenol	8.04	107	82673	9.309	ng	97
18) Hexachloroethane	8.66	117	40915	10.243	ng	96
19) n-Nitroso-di-n-propylamine	8.39	70	82423	11.004	ng	98
20) 3+4-Methylphenols	8.36	107	111439	9.297	ng	96
22) Acetophenone	8.40	105	166758	11.791	ng	# 99
24) Nitrobenzene	8.78	77	126690	11.180	ng	99
25) Isophorone	9.30	82	226693	10.559	ng	98
26) 2-Nitrophenol	9.49	139	48157	9.537	ng	99
27) 2,4-Dimethylphenol	9.56	122	75914	9.583	ng	98
28) bis(2-Chloroethoxy)methane	9.79	93	141009	11.027	ng	99
29) 2,4-Dichlorophenol	10.02	162	86681	9.721	ng	99
30) 1,2,4-Trichlorobenzene	10.23	180	102253	10.288	ng	98
31) Naphthalene	10.42	128	320940	10.974	ng	100
32) Benzoic acid	9.65	122	26328m	4.369	ng	
33) 4-Chloroaniline	10.53	127	129248	10.123	ng	98
34) Hexachlorobutadiene	10.72	225	56120	9.675	ng	98
35) Caprolactam	11.26	113	31430	9.994	ng	97
36) 4-Chloro-3-methylphenol	11.67	107	97718	10.128	ng	99
37) 2-Methylnaphthalene	12.04	142	231145	11.135	ng	98
38) 1-Methylnaphthalene	12.26	142	217933	11.185	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.42	216	115958	11.504	ng	100

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP061220\
 Data File : BP002402.D
 Acq On : 12 Jun 2020 17:37
 Operator : CG/JU
 Sample : L2182-02
 Misc : L00-S-10PPM
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 LOQ-SOIL-02-QT2-2020

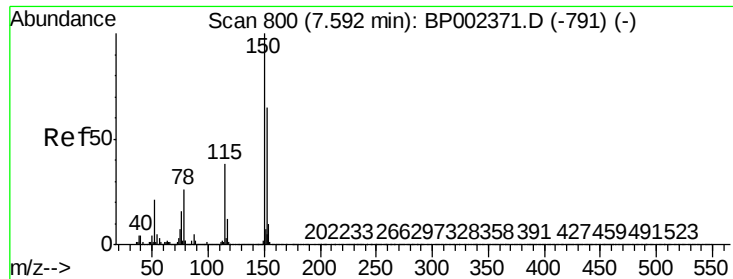
Manual Integrations
 APPROVED

mohammad
 6/15/2020 8:47:11 AM

Quant Time: Jun 12 18:18:00 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP060520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 12 16:44:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.40	237	45753	8.538	nq	98
43) 2,4,6-Trichlorophenol	12.66	196	68553	9.610	nq	98
44) 2,4,5-Trichlorophenol	12.73	196	75246	9.110	nq	97
46) 1,1'-Biphenyl	13.07	154	307829	12.284	nq	97
47) 2-Chloronaphthalene	13.10	162	223266	10.892	nq	100
48) 2-Nitroaniline	13.31	65	60742	9.283	nq	97
49) Acenaphthylene	13.96	152	358698	10.964	nq	99
50) Dimethylphthalate	13.70	163	277308	10.584	nq	99
51) 2,6-Dinitrotoluene	13.82	165	55725	9.794	nq	97
52) Acenaphthene	14.30	154	214475	11.190	nq	100
53) 3-Nitroaniline	14.14	138	57056	8.782	nq	95
54) 2,4-Dinitrophenol	14.36	184	18760	6.011	nq	95
55) Dibenzofuran	14.65	168	346690	11.235	nq	100
56) 4-Nitrophenol	14.47	139	42379	8.215	nq	93
57) 2,4-Dinitrotoluene	14.61	165	71455	9.226	nq	93
58) Fluorene	15.30	166	269580	11.107	nq	96
59) 2,3,4,6-Tetrachlorophenol	14.87	232	65364	9.969	nq	98
60) Diethylphthalate	15.09	149	273576	10.421	nq	97
61) 4-Chlorophenyl-phenylether	15.30	204	138477	11.770	nq	95
62) 4-Nitroaniline	15.31	138	56397	9.034	nq	96
63) Azobenzene	15.59	77	290658	11.123	nq	97
65) 4,6-Dinitro-2-methylphenol	15.38	198	34502	8.104	nq	93
66) n-Nitrosodiphenylamine	15.52	169	238912	11.592	nq	97
67) 4-Bromophenyl-phenylether	16.20	248	79826	10.445	nq	95
68) Hexachlorobenzene	16.31	284	88258	10.882	nq	95
69) Atrazine	16.47	200	84544	12.575	nq	97
70) Pentachlorophenol	16.66	266	40297	8.305	nq	98
71) Phenanthrene	17.04	178	438436	11.617	nq	99
72) Anthracene	17.13	178	433822	11.571	nq	97
73) Carbazole	17.40	167	396937	10.762	nq	99
74) Di-n-butylphthalate	17.99	149	435218	9.971	nq	99
75) Fluoranthene	19.02	202	493577	10.956	nq	98
77) Benzidine	19.21	184	223774	13.182	nq	98
78) Pyrene	19.37	202	525078	11.284	nq	99
80) Butylbenzylphthalate	20.27	149	184306	8.910	nq	98
81) Benzo(a)anthracene	21.09	228	505241	11.651	nq	99
82) 3,3'-Dichlorobenzidine	21.03	252	188367	11.689	nq	98
83) Chrysene	21.14	228	483970	11.780	nq	99
84) Bis(2-ethylhexyl)phthalate	21.04	149	309442	10.284	nq	97
85) Di-n-octyl phthalate	21.91	149	502991	9.531	nq	99
87) Indeno(1,2,3-cd)pyrene	25.52	276	564709	10.611	nq	97
88) Benzo(b)fluoranthene	22.64	252	500102	10.899	nq	97
89) Benzo(k)fluoranthene	22.69	252	489723m	11.233	nq	
90) Benzo(a)pyrene	23.21	252	439010	10.209	nq	99
91) Dibenzo(a,h)anthracene	25.53	278	470814	11.028	nq	# 95
92) Benzo(g,h,i)perylene	26.19	276	477391	10.797	nq	96

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



#1

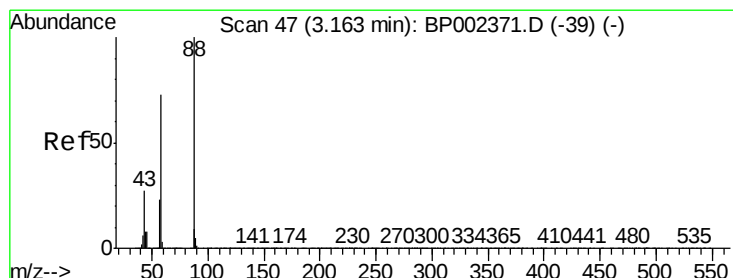
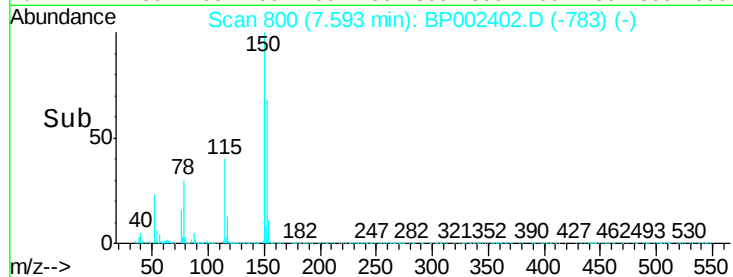
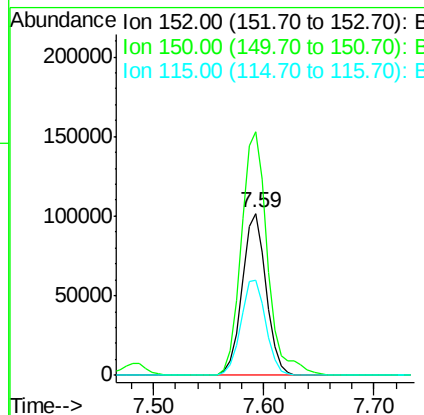
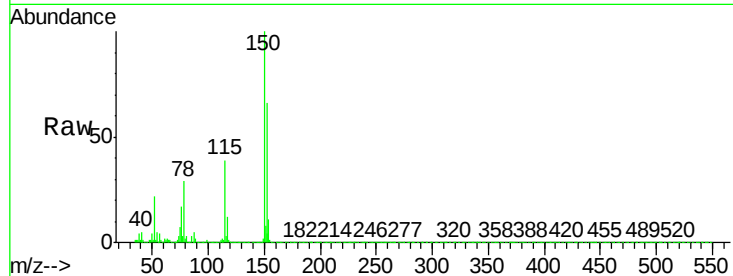
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.59 min Scan# 800
Delta R.T. 0.00 min
Lab File: BP002402.D
Acq: 12 Jun 2020 17:37

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2020

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.5	124.0	186.0
115	59.0	47.4	71.0

Manual Integrations
APPROVED

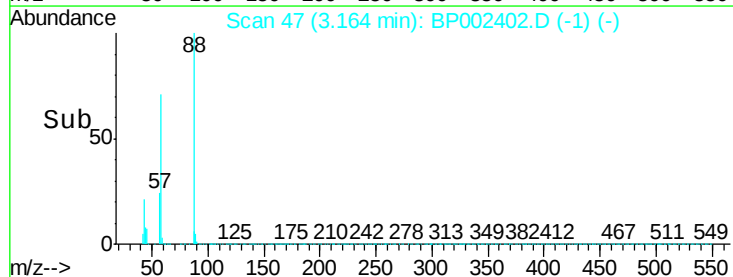
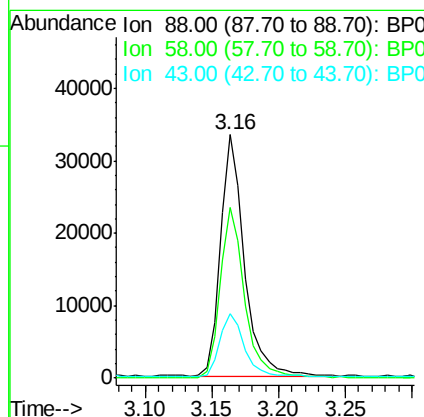
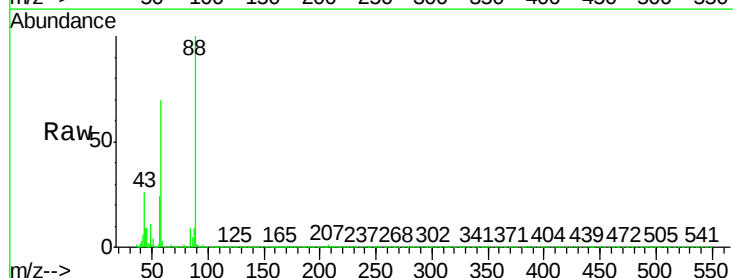
mohammad
6/15/2020 8:47:11 AM

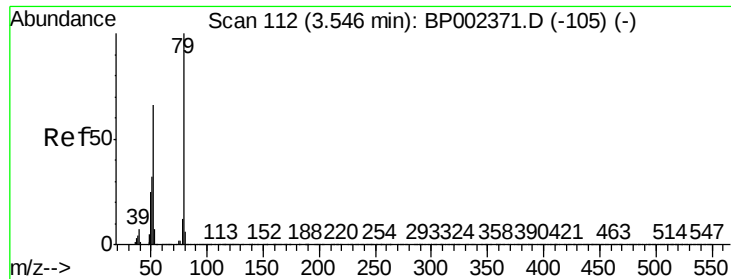


#2

1,4-Dioxane
Concen: 10.848 ng
RT: 3.16 min Scan# 47
Delta R.T. 0.00 min
Lab File: BP002402.D
Acq: 12 Jun 2020 17:37

Tgt Ion	Ratio	Lower	Upper
88	100		
58	73.3	58.2	87.4
43	27.9	21.8	32.8





#3

Pvridine

Concen: 9.769 ng

RT: 3.55 min Scan# 112

Delta R.T. 0.00 min

Lab File: BP002402.D

Acq: 12 Jun 2020 17:37

Instrument :

BNA_P

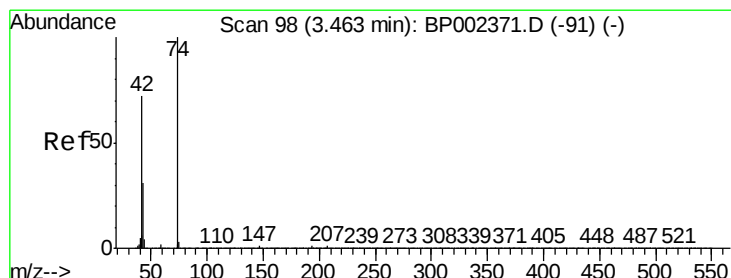
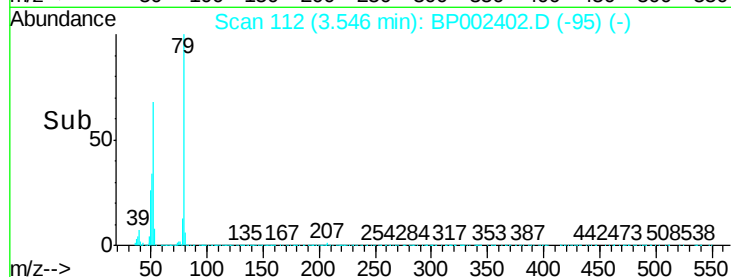
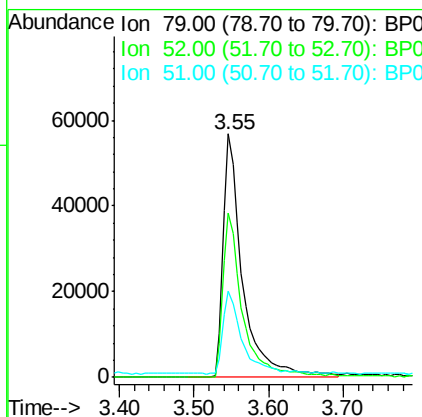
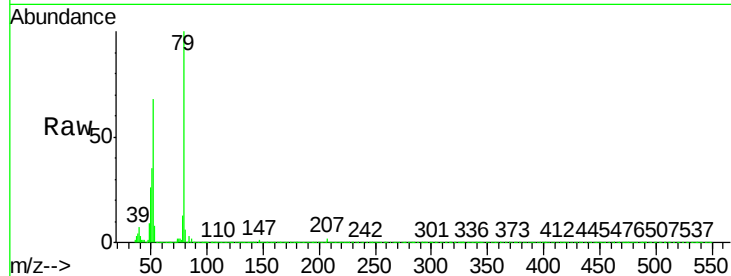
ClientSampleId :

LOQ-SOIL-02-QT2-2020

Tot Ion:	79	Resp:	102945
Ion Ratio	Lower	Upper	
79	100		
52	67.6	52.5	78.7
51	35.2	26.1	39.1

Manual Integrations
APPROVED

mohammad
6/15/2020 8:47:11 AM



#4

n-Nitrosodimethylamine

Concen: 9.866 ng

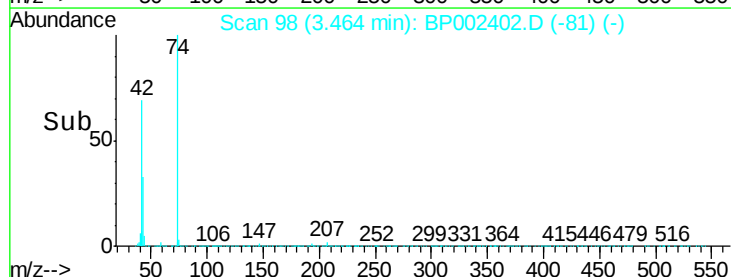
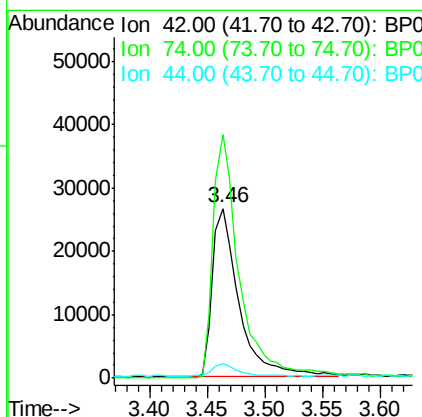
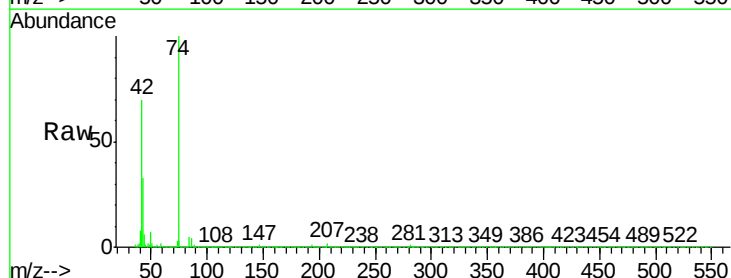
RT: 3.46 min Scan# 98

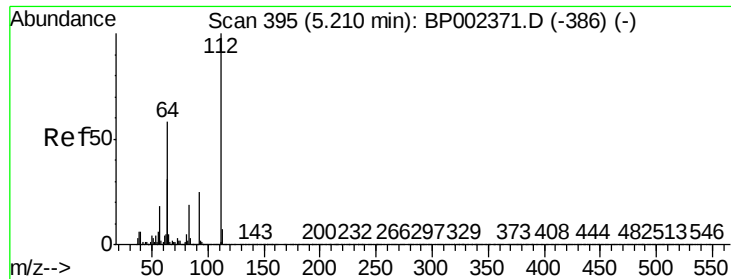
Delta R.T. 0.00 min

Lab File: BP002402.D

Acq: 12 Jun 2020 17:37

Tgt Ion:	42	Resp:	42846
Ion Ratio	Lower	Upper	
42	100		
74	143.5	111.1	166.7
44	8.5	5.4	8.0





#5

2-Fluorophenol

Concen: 166.499 ng

RT: 5.20 min Scan# 394

Delta R.T. -0.01 min

Lab File: BP002402.D

Acq: 12 Jun 2020 17:37

Instrument :

BNA_P

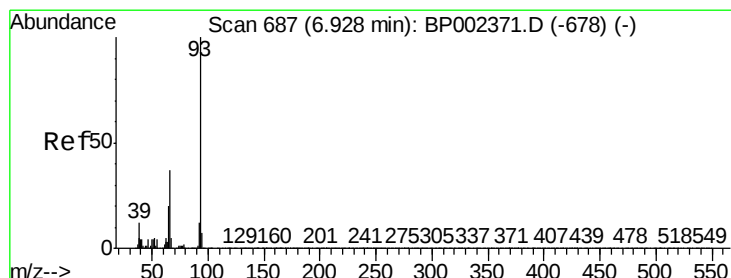
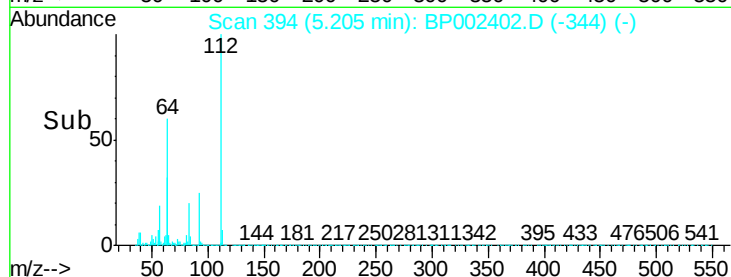
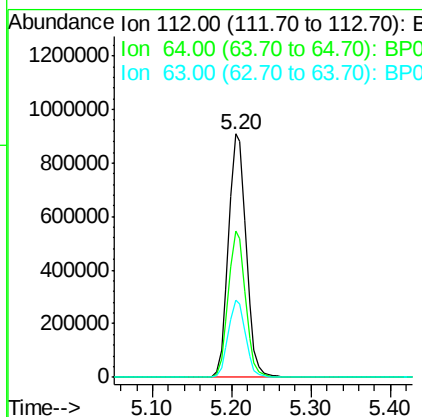
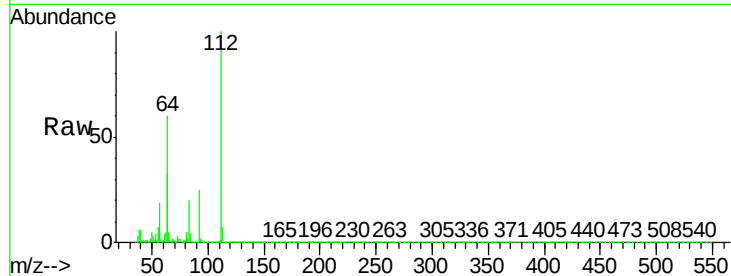
ClientSampleId :

LOQ-SOIL-02-QT2-2020

Tot Ion:	112	Resp:	1401409
Ion	Ratio	Lower	Upper
112	100		
64	60.1	46.2	69.2
63	31.9	24.5	36.7

Manual Integrations
APPROVED

mohammad
6/15/2020 8:47:11 AM



#6

Aniline

Concen: 10.596 ng

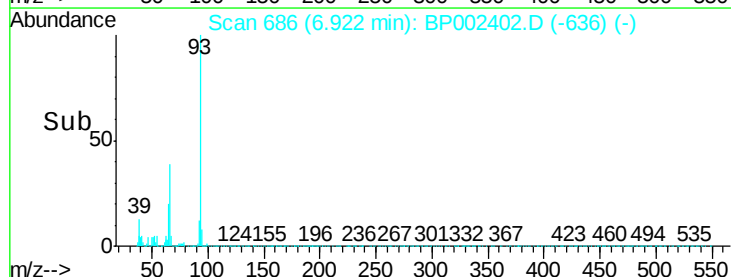
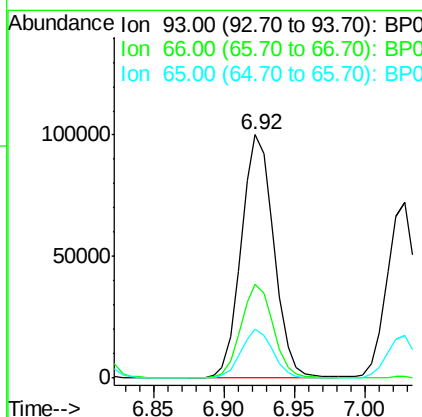
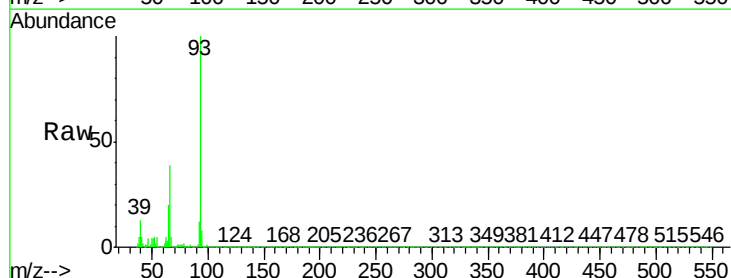
RT: 6.92 min Scan# 686

Delta R.T. -0.01 min

Lab File: BP002402.D

Acq: 12 Jun 2020 17:37

Tgt Ion:	93	Resp:	161490
Ion	Ratio	Lower	Upper
93	100		
66	38.6	29.8	44.6
65	20.4	15.7	23.5





#7

Phenol-d6

Concen: 169.560 ng

RT: 6.78 min Scan# 662

Delta R.T. 0.00 min

Lab File: BP002402.D

Acq: 12 Jun 2020 17:37

Instrument :

BNA_P

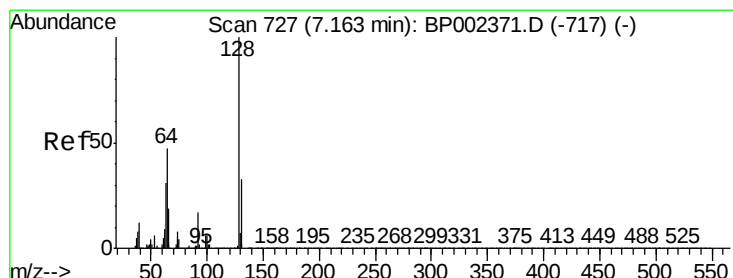
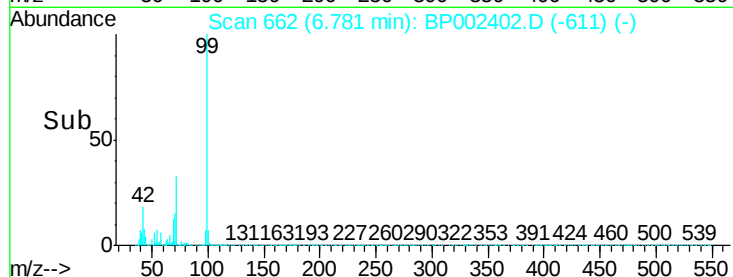
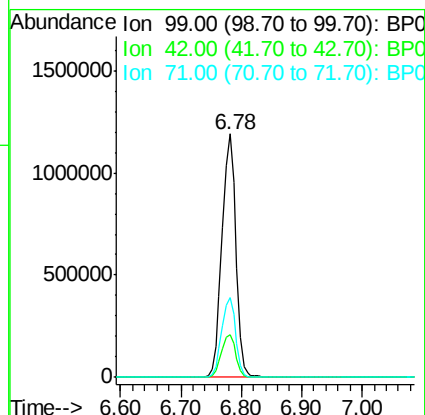
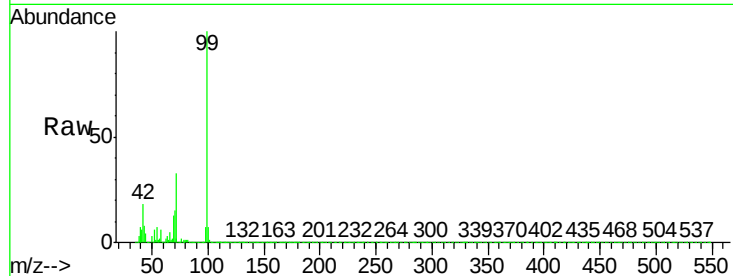
ClientSampleId :

LOQ-SOIL-02-QT2-2020

Tot Ion:	99	Resp:	1900131
Ion	Ratio	Lower	Upper
99	100		
42	17.5	14.6	22.0
71	33.0	27.2	40.8

Manual Integrations
APPROVED

mohammad
6/15/2020 8:47:11 AM



#8

2-Chlorophenol

Concen: 10.592 ng

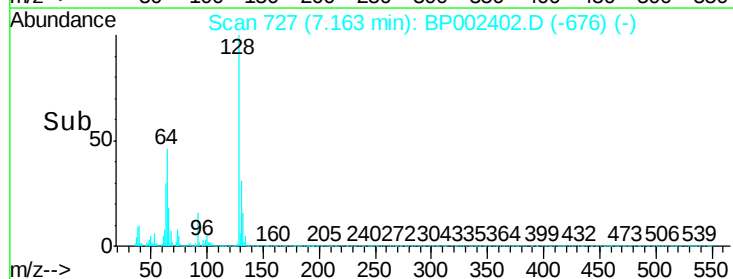
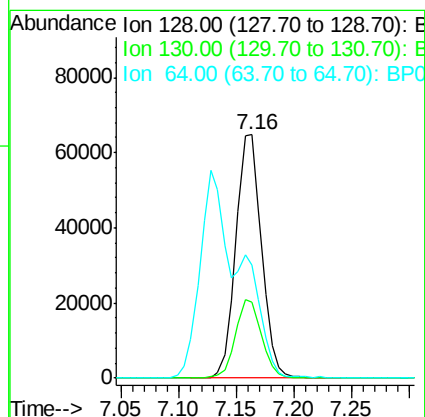
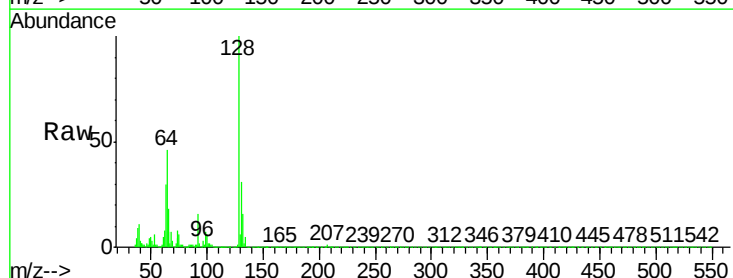
RT: 7.16 min Scan# 727

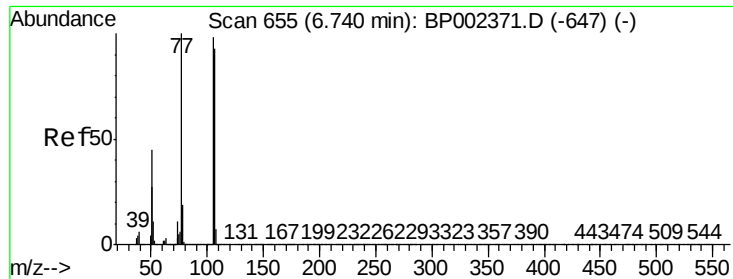
Delta R.T. 0.00 min

Lab File: BP002402.D

Acq: 12 Jun 2020 17:37

Tgt Ion:	128	Resp:	100245
Ion	Ratio	Lower	Upper
128	100		
130	31.4	12.5	52.5
64	46.4	27.7	67.7





#9

Benzaldehyde

Concen: 16.670 ng

RT: 6.73 min Scan# 654

Delta R.T. -0.01 min

Lab File: BP002402.D

Acq: 12 Jun 2020 17:37

Instrument :

BNA_P

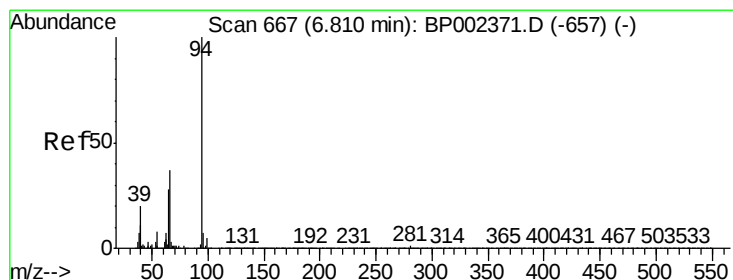
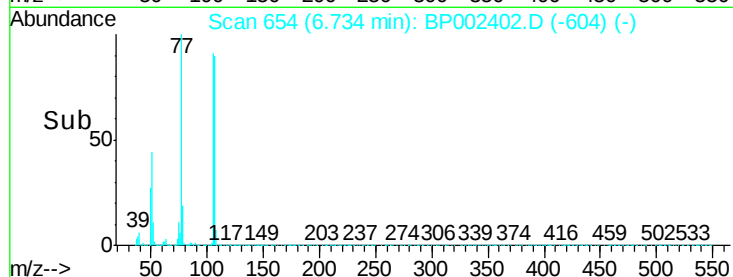
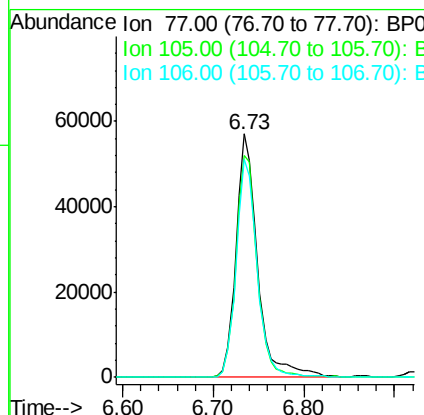
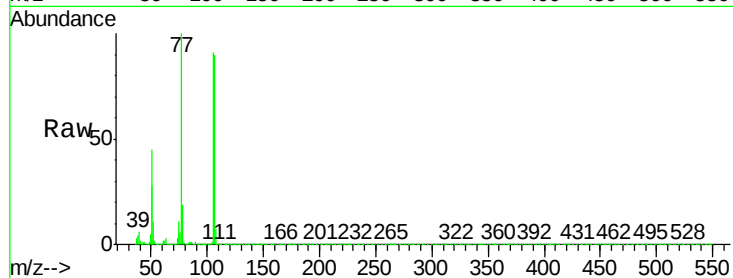
ClientSampleId :

LOQ-SOIL-02-QT2-2020

Tot Ion:	77	Resp:	95442
Ion Ratio	Lower	Upper	
77	100		
105	91.3	78.1	118.1
106	89.6	73.2	113.2

Manual Integrations
APPROVED

mohammad
6/15/2020 8:47:11 AM



#10

Phenol

Concen: 10.842 ng

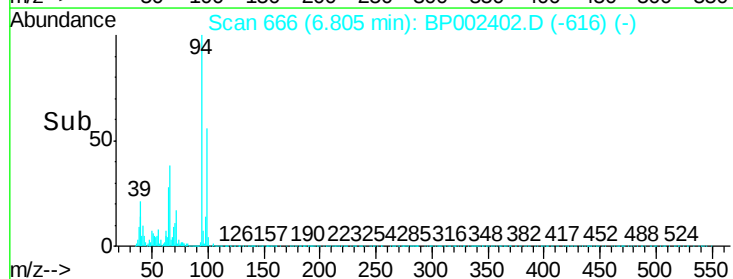
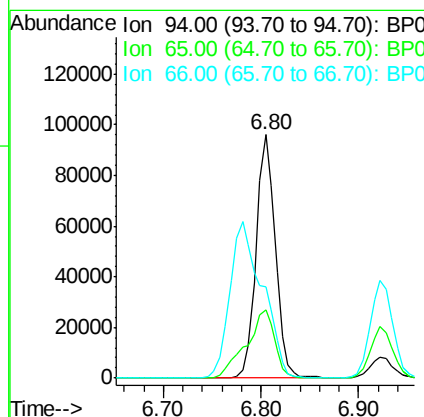
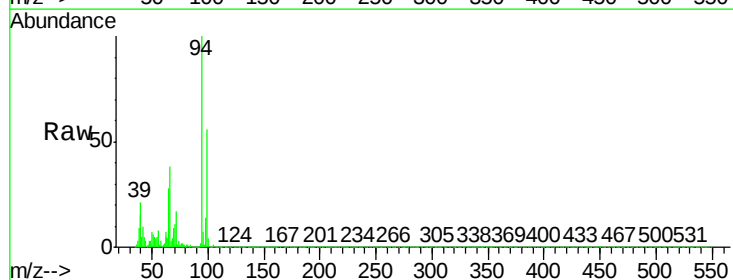
RT: 6.80 min Scan# 666

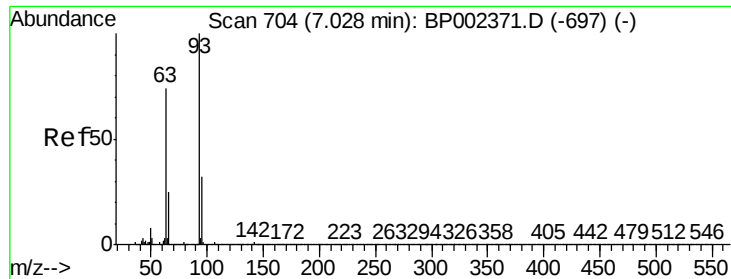
Delta R.T. -0.01 min

Lab File: BP002402.D

Acq: 12 Jun 2020 17:37

Tgt Ion:	94	Resp:	131770
Ion Ratio	Lower	Upper	
94	100		
65	27.8	7.7	47.7
66	37.6	16.9	56.9





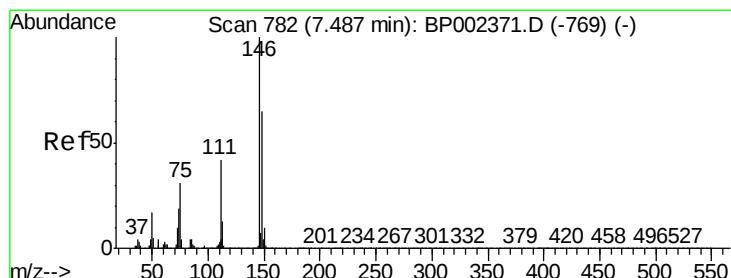
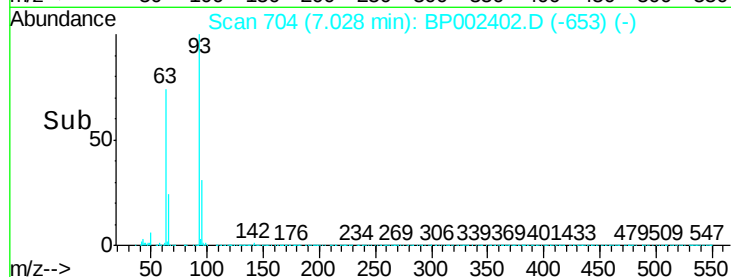
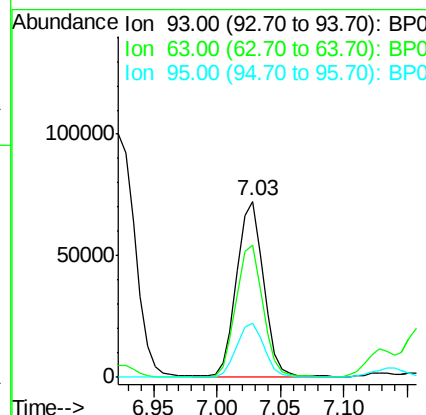
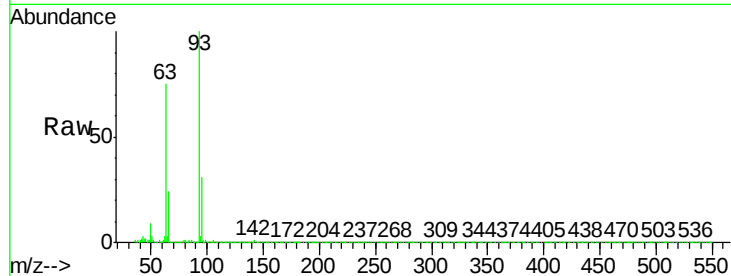
#11
bis(2-Chloroethyl)ether
Concen: 10.452 ng
RT: 7.03 min Scan# 704
Delta R.T. 0.00 min
Lab File: BP002402.D
Acq: 12 Jun 2020 17:37

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2020

Tot Ion	Ratio	Lower	Upper
93	100		
63	75.3	54.2	94.2
95	30.8	11.8	51.8

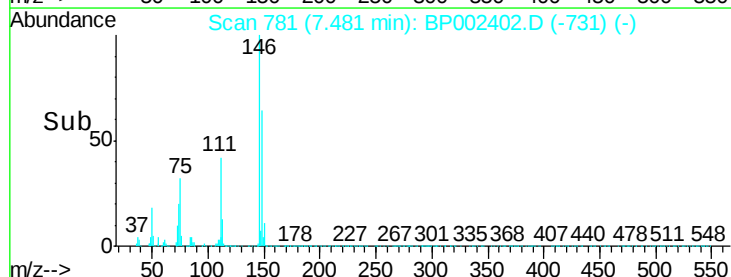
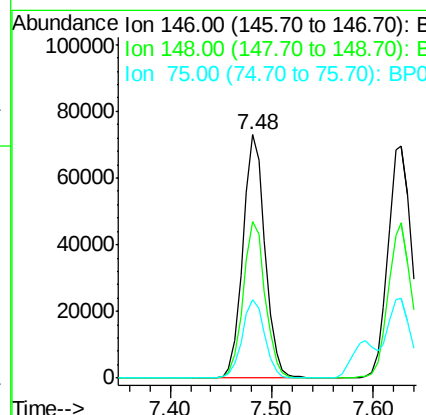
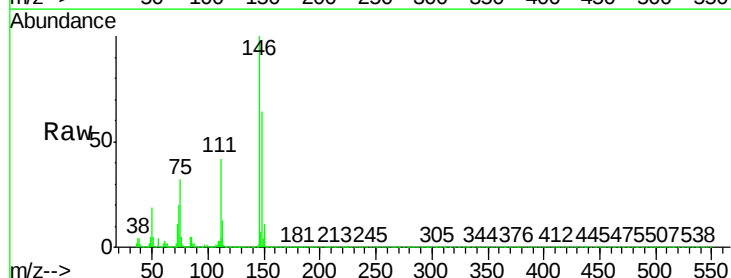
Manual Integrations
APPROVED

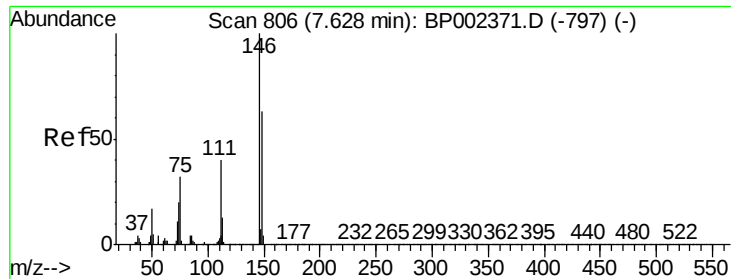
mohammad
6/15/2020 8:47:11 AM



#12
1,3-Dichlorobenzene
Concen: 10.146 ng
RT: 7.48 min Scan# 781
Delta R.T. -0.01 min
Lab File: BP002402.D
Acq: 12 Jun 2020 17:37

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.6	77.4
75	32.4	25.0	37.4





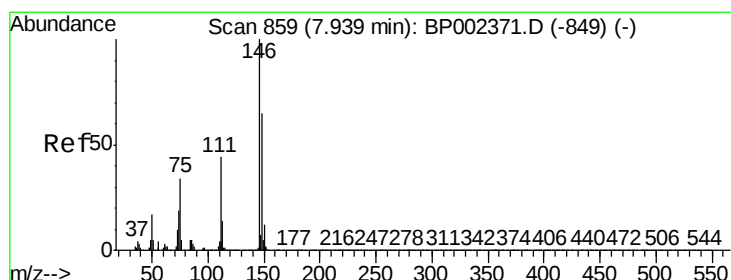
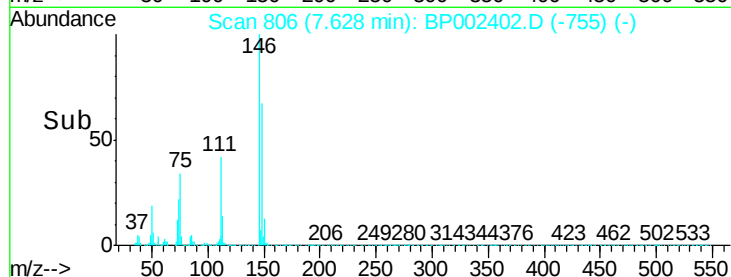
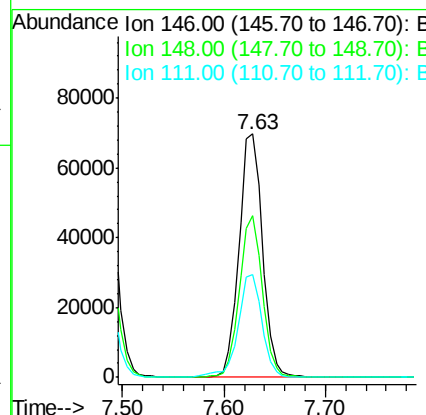
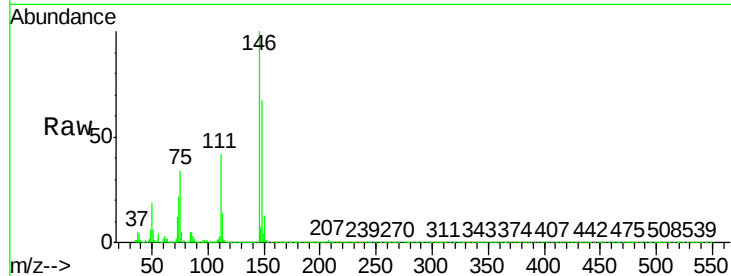
#13
1,4-Dichlorobenzene
Concen: 10.217 ng
RT: 7.63 min Scan# 806
Delta R.T. 0.00 min
Lab File: BP002402.D
Acq: 12 Jun 2020 17:37

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2020

Tot Ion	Ratio	Lower	Upper
146	100		
148	66.7	50.7	76.1
111	42.0	32.2	48.2

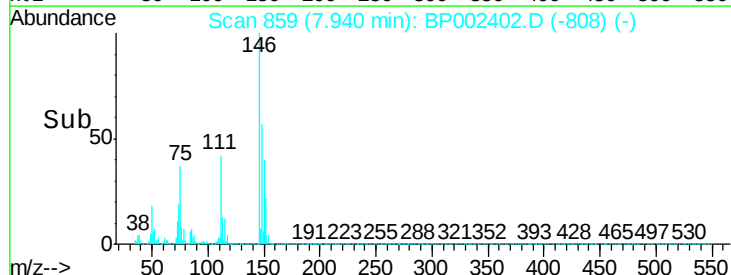
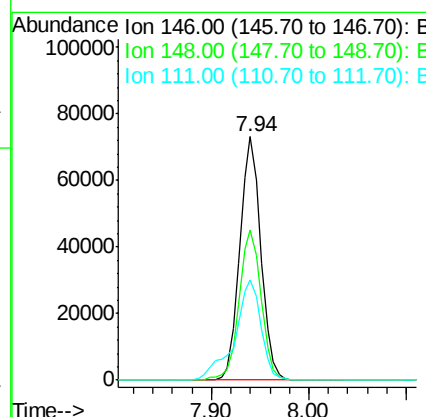
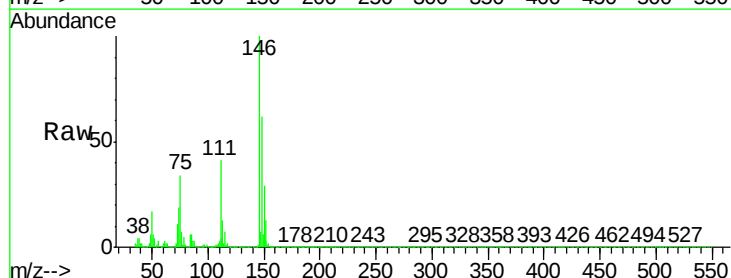
Manual Integrations
APPROVED

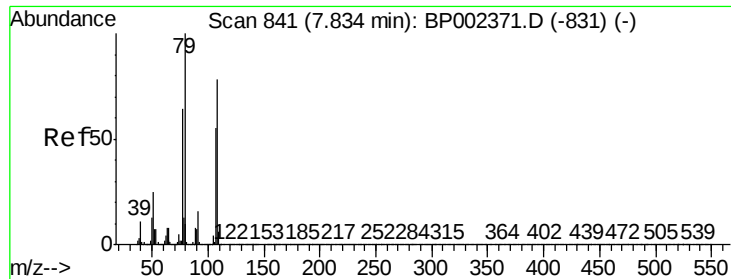
mohammad
6/15/2020 8:47:11 AM



#14
1,2-Dichlorobenzene
Concen: 10.382 ng
RT: 7.94 min Scan# 859
Delta R.T. 0.00 min
Lab File: BP002402.D
Acq: 12 Jun 2020 17:37

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.9	51.8	77.6
111	41.4	35.4	53.2





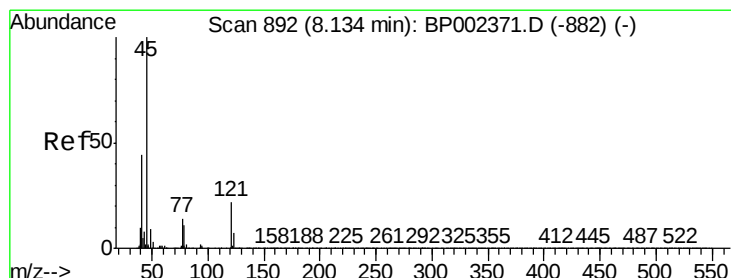
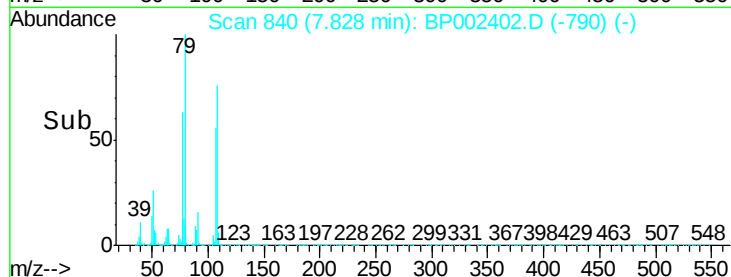
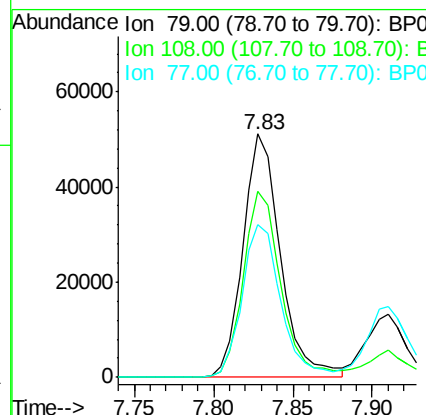
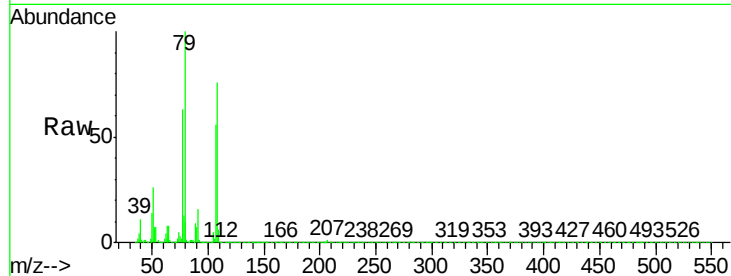
#15
Benzyl Alcohol
Concen: 9.657 ng
RT: 7.83 min Scan# 840
Delta R.T. -0.01 min
Lab File: BP002402.D
Acq: 12 Jun 2020 17:37

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2020

Tot Ion	Ratio	Lower	Upper
79	100		
108	76.4	62.6	94.0
77	62.9	51.5	77.3

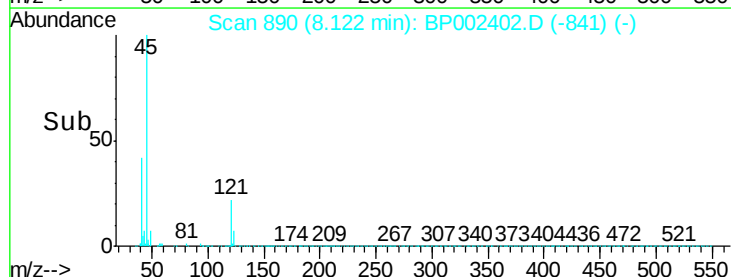
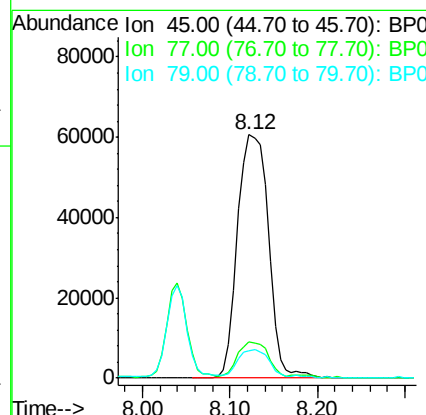
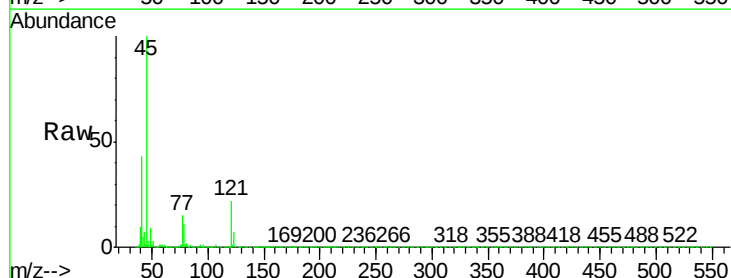
Manual Integrations
APPROVED

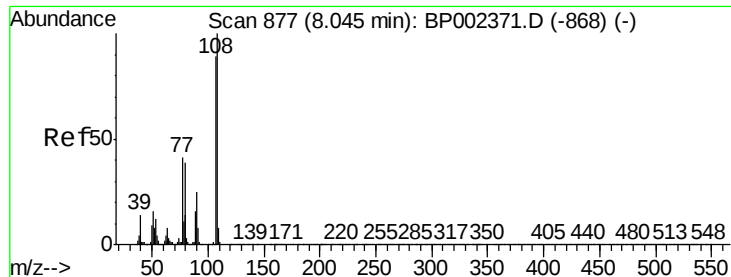
mohammad
6/15/2020 8:47:11 AM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 10.080 ng
RT: 8.12 min Scan# 890
Delta R.T. -0.01 min
Lab File: BP002402.D
Acq: 12 Jun 2020 17:37

Tgt Ion	Ratio	Lower	Upper
45	100		
77	15.0	0.0	35.0
79	11.3	0.0	32.0





#17

2-Methylphenol

Concen: 9.309 ng

RT: 8.04 min Scan# 876

Delta R.T. -0.01 min

Lab File: BP002402.D

Acq: 12 Jun 2020 17:37

Instrument :

BNA_P

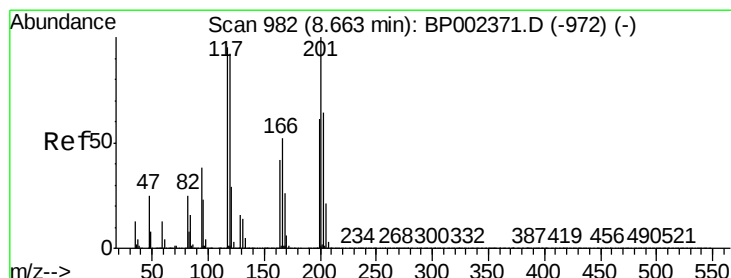
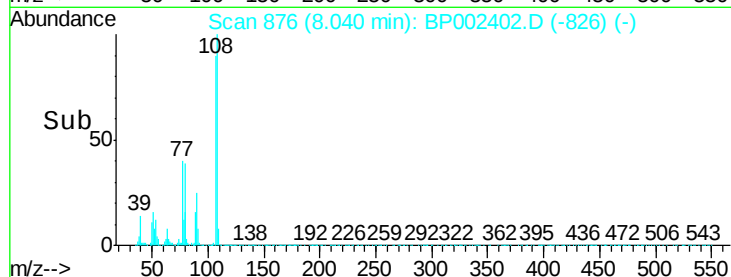
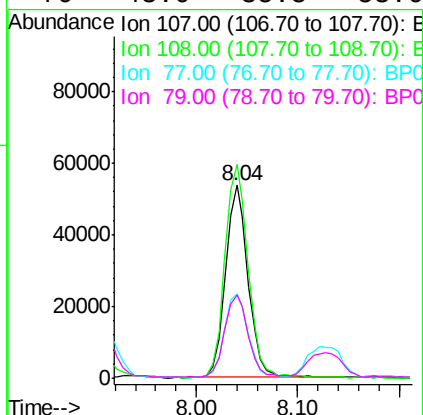
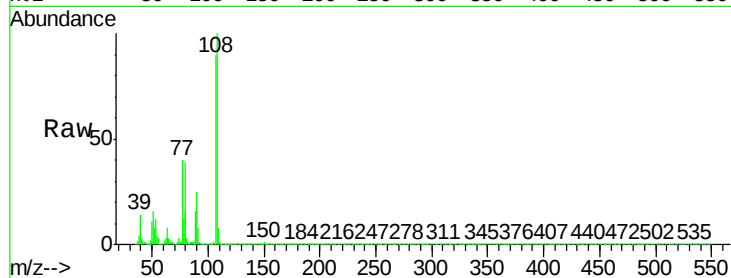
ClientSampleId :

LOQ-SOIL-02-QT2-2020

Tot Ion:	107	Resp:	82673
Ion Ratio	Lower	Upper	
107	100		
108	110.6	90.3	135.5
77	44.0	37.1	55.7
79	43.0	35.8	53.6

Manual Integrations
APPROVED

mohammad
6/15/2020 8:47:11 AM



#18

Hexachloroethane

Concen: 10.243 ng

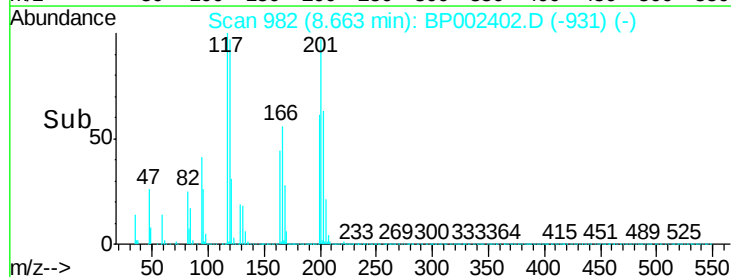
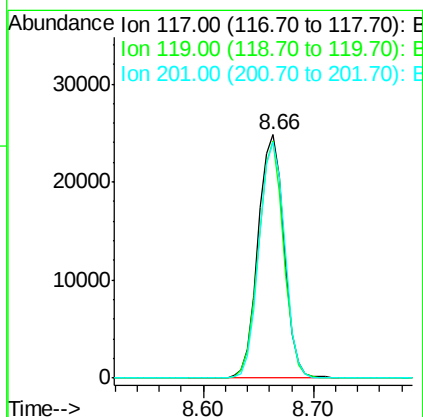
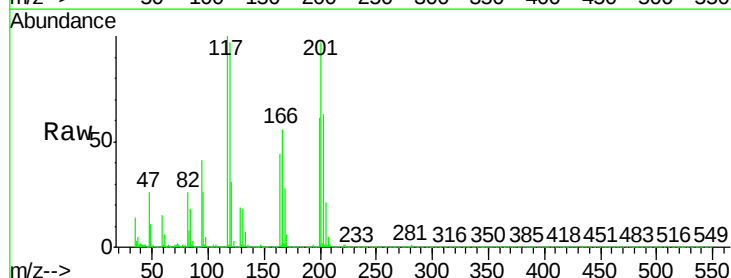
RT: 8.66 min Scan# 982

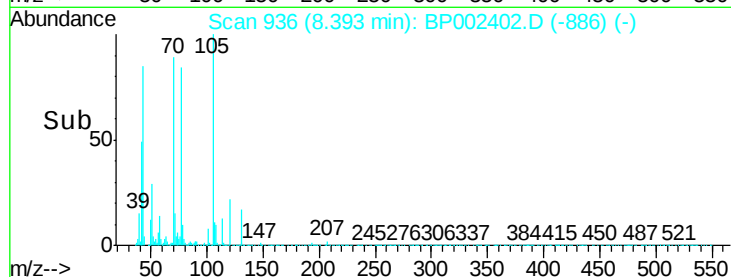
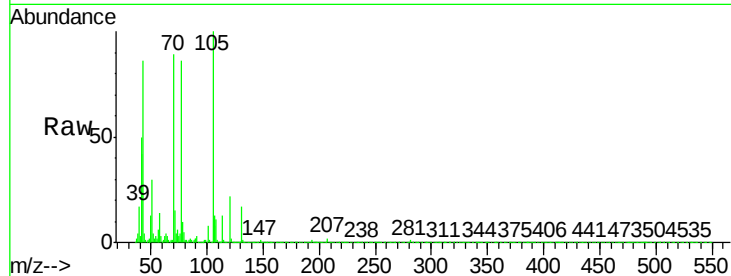
Delta R.T. 0.00 min

Lab File: BP002402.D

Acq: 12 Jun 2020 17:37

Tgt Ion:	117	Resp:	40915
Ion Ratio	Lower	Upper	
117	100		
119	97.5	77.8	116.8
201	96.9	84.2	126.4





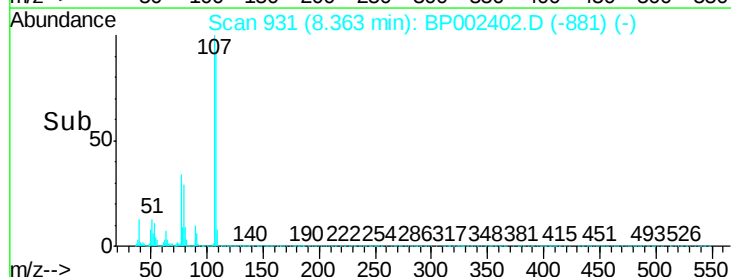
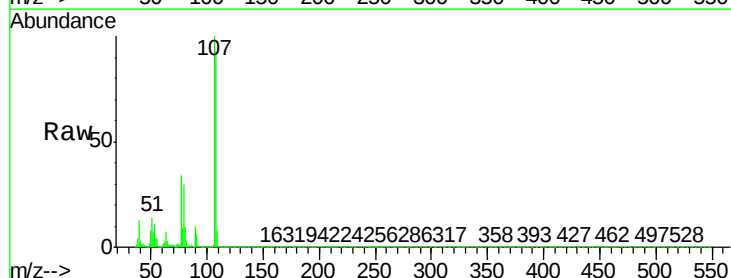
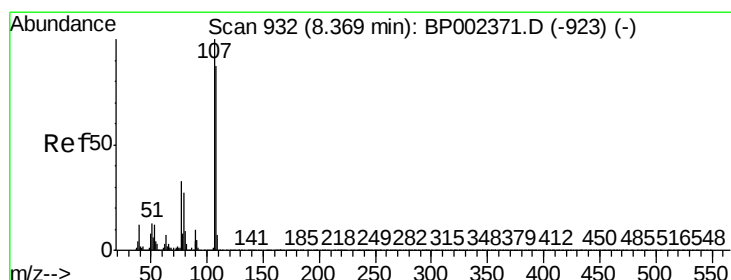
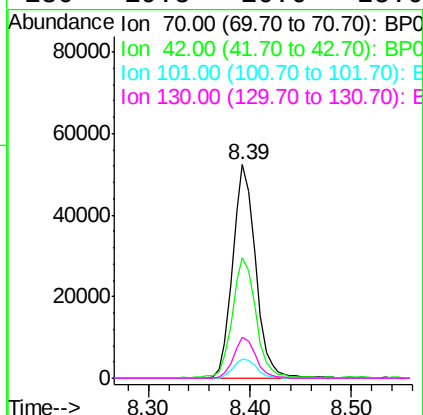
#19
n-Nitroso-di-n-propylamine
Concen: 11.004 ng
RT: 8.39 min Scan# 936
Delta R.T. -0.01 min
Lab File: BP002402.D
Acq: 12 Jun 2020 17:37

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2020

Manual Integrations
APPROVED

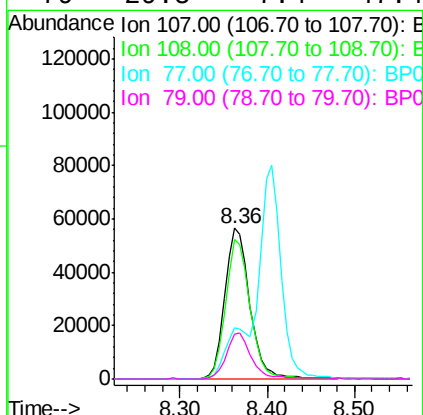
mohammad
6/15/2020 8:47:11 AM

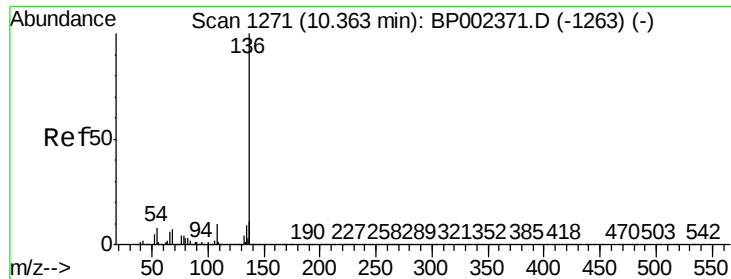
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	56.1	45.7	68.5	
101	8.8	7.5	11.3	
130	19.5	16.6	25.0	



#20
3+4-Methylphenols
Concen: 9.297 ng
RT: 8.36 min Scan# 931
Delta R.T. -0.01 min
Lab File: BP002402.D
Acq: 12 Jun 2020 17:37

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	92.7	67.5	107.5	
77	34.3	13.5	53.5	
79	29.5	7.4	47.4	





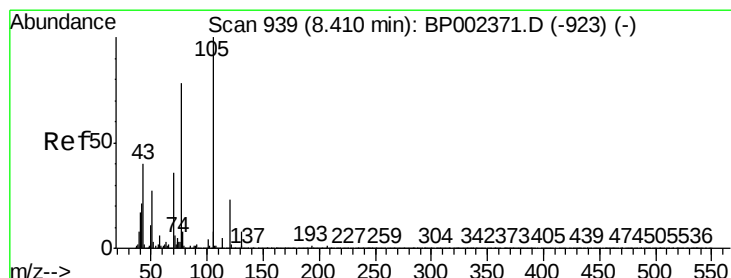
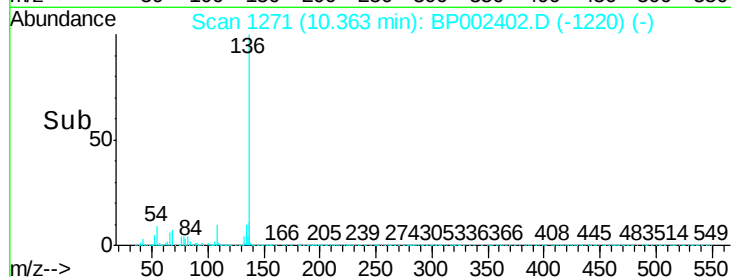
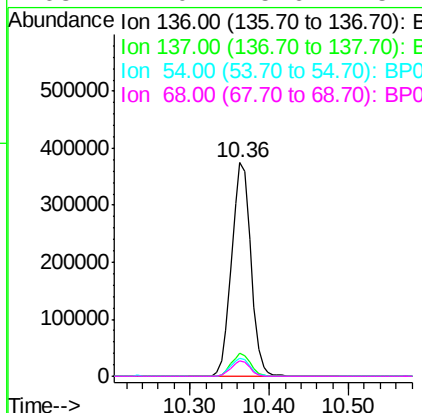
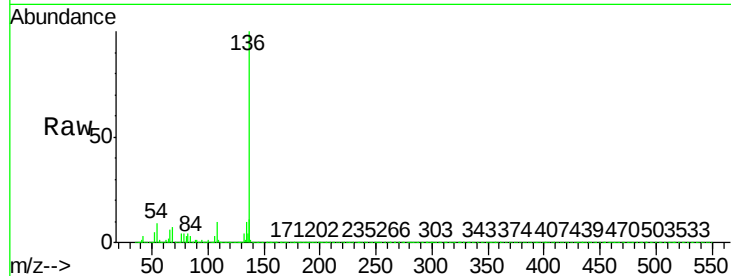
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.36 min Scan# 1271
Delta R.T. 0.00 min
Lab File: BP002402.D
Acq: 12 Jun 2020 17:37

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2020

Tot Ion	Ratio	Resp	Lower	Upper
136	100	629522		
137	10.7		8.8	13.2
54	8.5		6.4	9.6
68	7.0		5.6	8.4

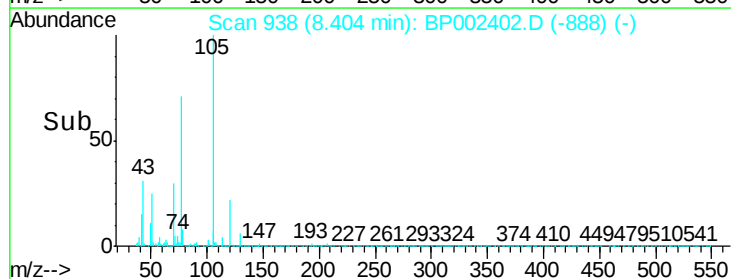
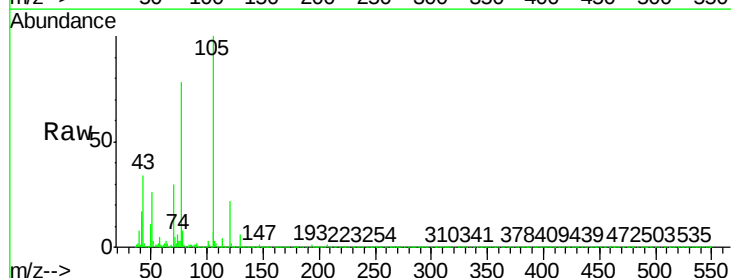
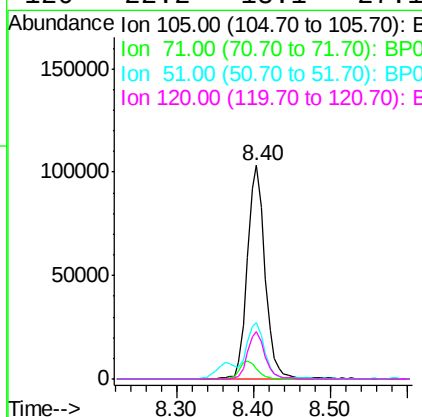
Manual Integrations
APPROVED

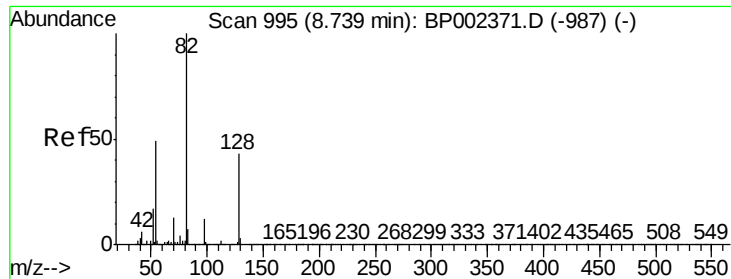
mohammad
6/15/2020 8:47:11 AM



#22
Acetophenone
Concen: 11.791 ng
RT: 8.40 min Scan# 938
Delta R.T. -0.01 min
Lab File: BP002402.D
Acq: 12 Jun 2020 17:37

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	166758		
71	4.7		4.7	7.1#
51	26.5		21.4	32.0
120	22.2		18.1	27.1





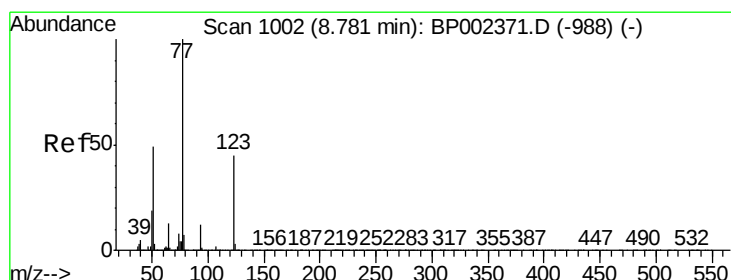
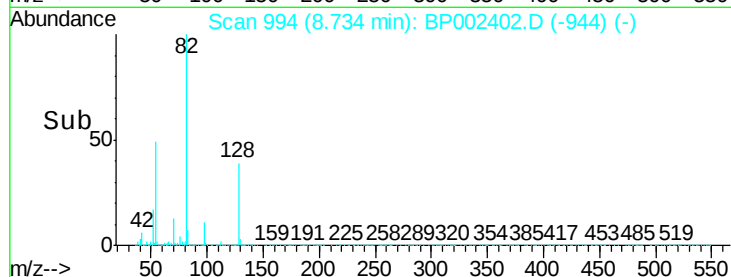
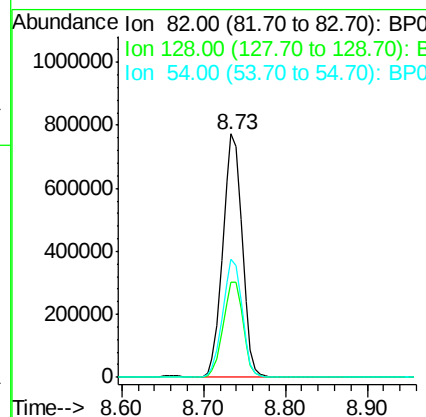
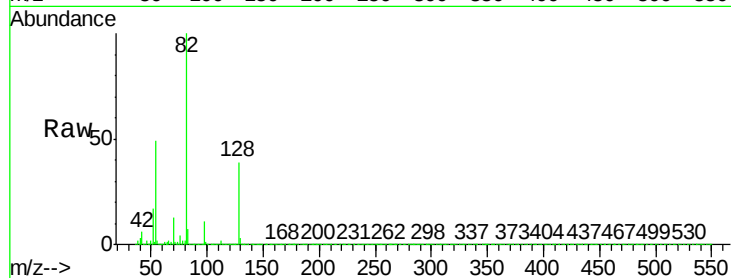
#23
Nitrobenzene-d5
Concen: 121.297 ng
RT: 8.73 min Scan# 994
Delta R.T. -0.01 min
Lab File: BP002402.D
Acq: 12 Jun 2020 17:37

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2020

Tot Ion	Ratio	Lower	Upper
82	100		
128	39.2	34.5	51.7
54	48.6	39.4	59.2

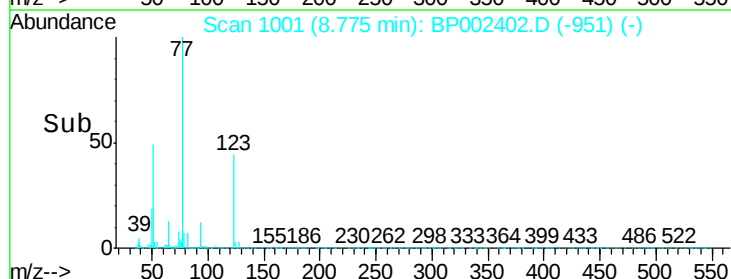
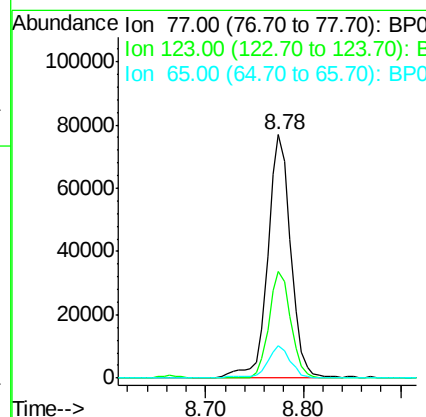
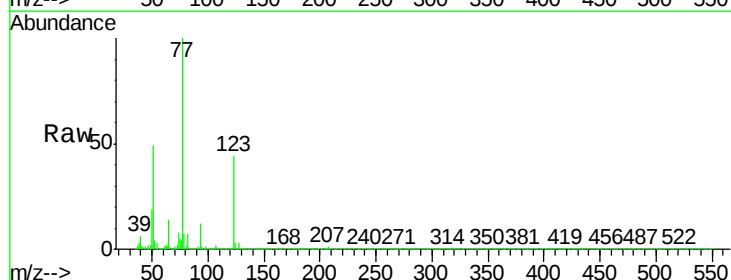
Manual Integrations
APPROVED

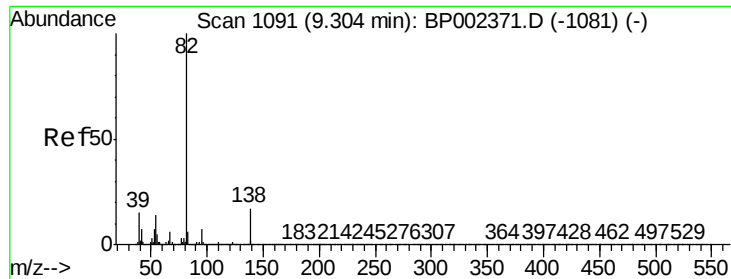
mohammad
6/15/2020 8:47:11 AM



#24
Nitrobenzene
Concen: 11.180 ng
RT: 8.78 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BP002402.D
Acq: 12 Jun 2020 17:37

Tgt Ion	Ratio	Lower	Upper
77	100		
123	43.9	35.8	53.8
65	13.5	10.5	15.7





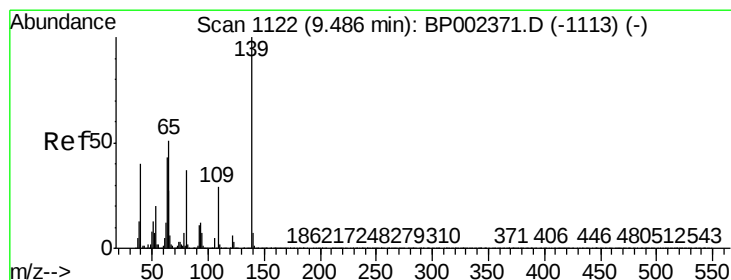
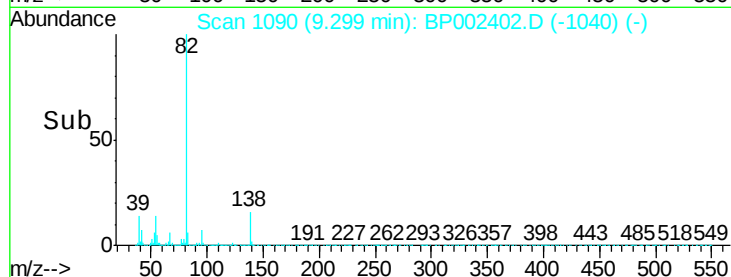
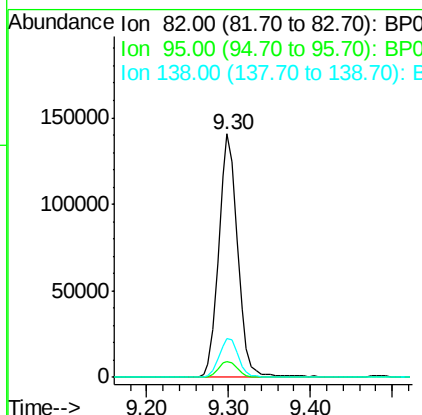
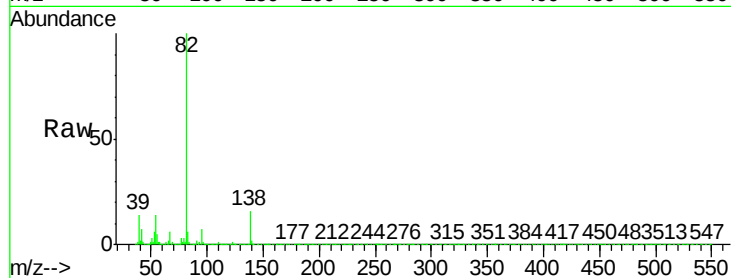
#25
Isophorone
Concen: 10.559 ng
RT: 9.30 min Scan# 1090
Delta R.T. -0.01 min
Lab File: BP002402.D
Acq: 12 Jun 2020 17:37

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2020

Tot Ion	Ratio	Resp	Lower	Upper
82	100	226693		
95	6.6		5.4	8.2
138	15.8		13.4	20.0

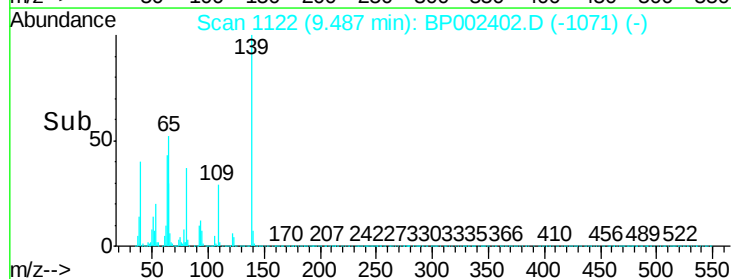
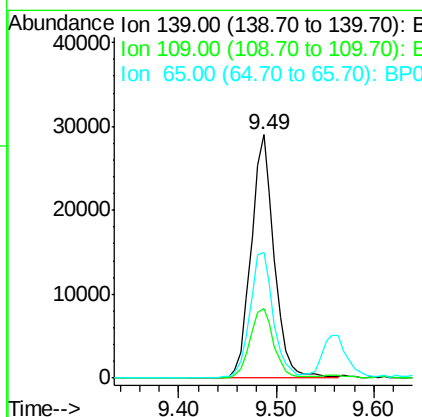
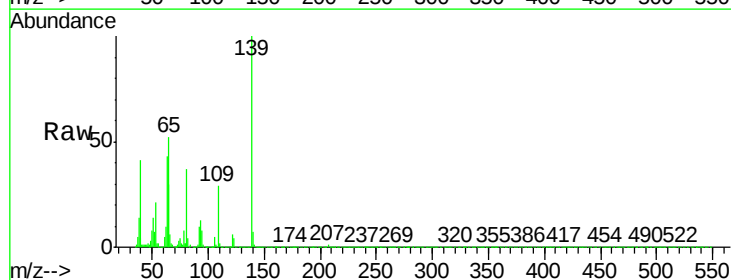
Manual Integrations
APPROVED

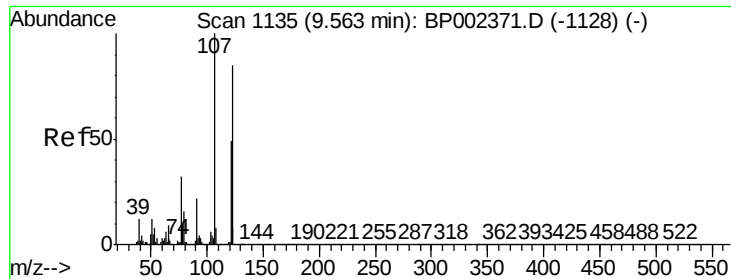
mohammad
6/15/2020 8:47:11 AM



#26
2-Nitrophenol
Concen: 9.537 ng
RT: 9.49 min Scan# 1122
Delta R.T. 0.00 min
Lab File: BP002402.D
Acq: 12 Jun 2020 17:37

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	48157		
109	28.6		23.4	35.2
65	51.9		41.1	61.7





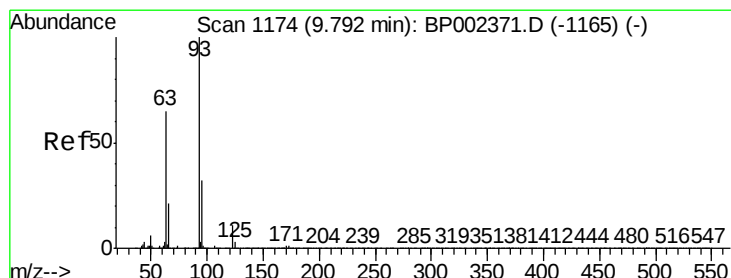
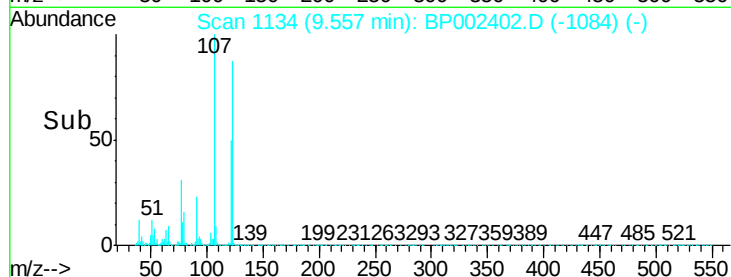
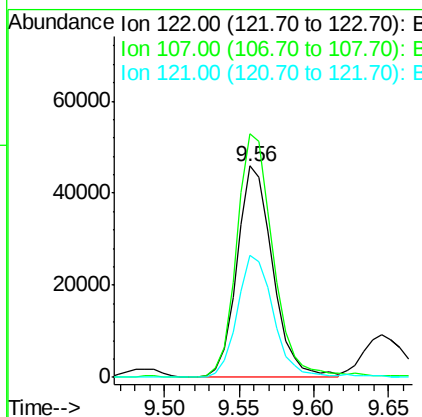
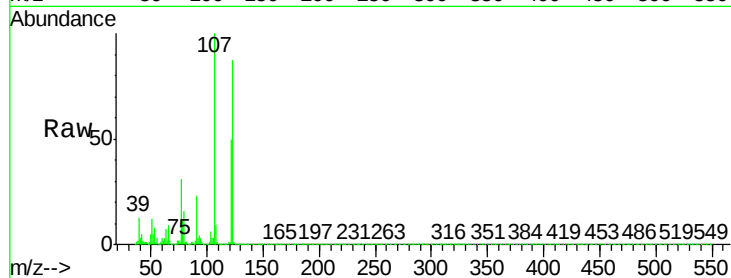
#27
2,4-Dimethylphenol
Concen: 9.583 ng
RT: 9.56 min Scan# 1134
Delta R.T. -0.01 min
Lab File: BP002402.D
Acq: 12 Jun 2020 17:37

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2020

Tot Ion	Ratio	Lower	Upper
122	100		
107	115.2	94.0	141.0
121	57.6	46.4	69.6

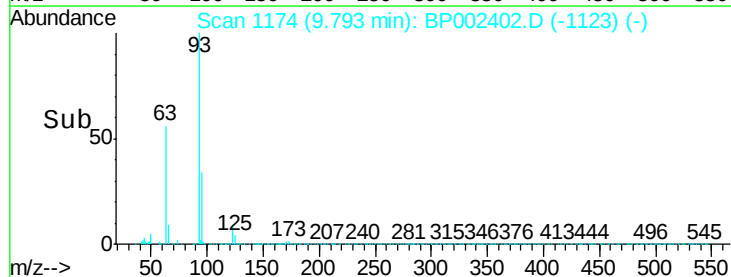
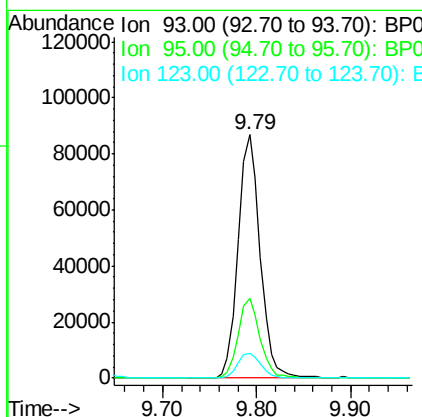
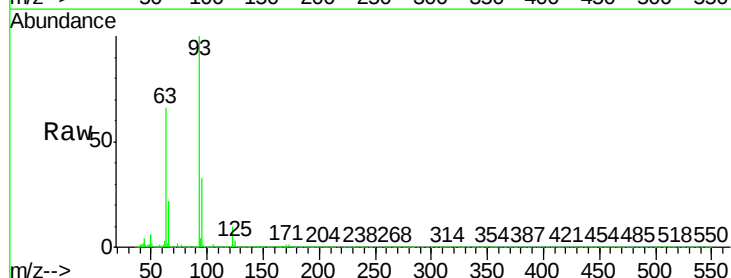
Manual Integrations
APPROVED

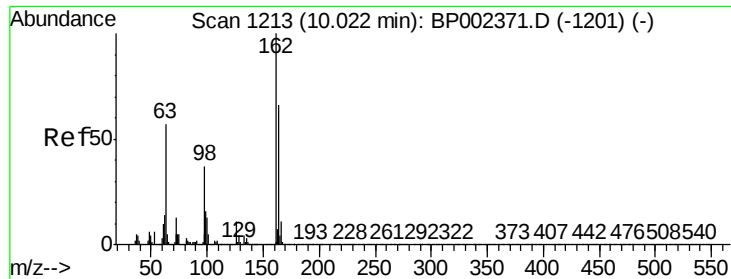
mohammad
6/15/2020 8:47:11 AM



#28
bis(2-Chloroethoxy)methane
Concen: 11.027 ng
RT: 9.79 min Scan# 1174
Delta R.T. 0.00 min
Lab File: BP002402.D
Acq: 12 Jun 2020 17:37

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.7	25.8	38.8
123	10.0	8.7	13.1





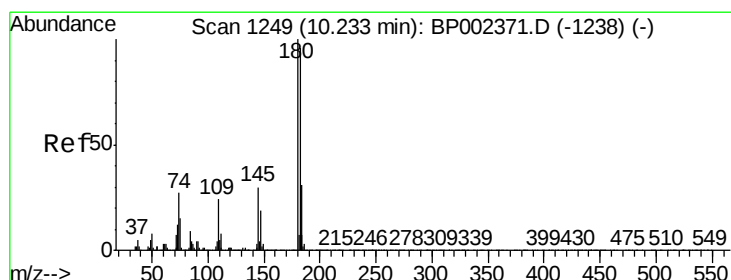
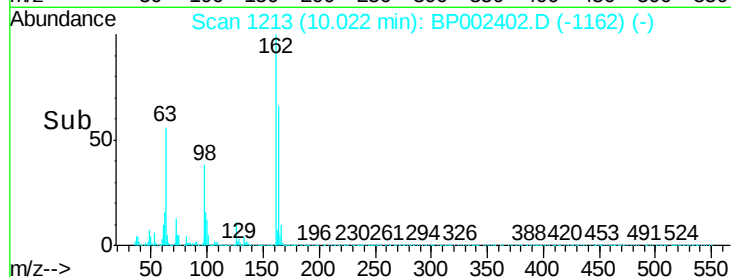
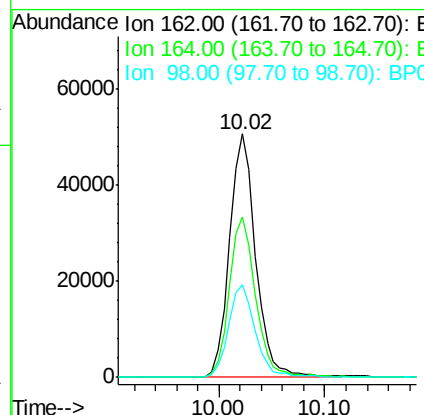
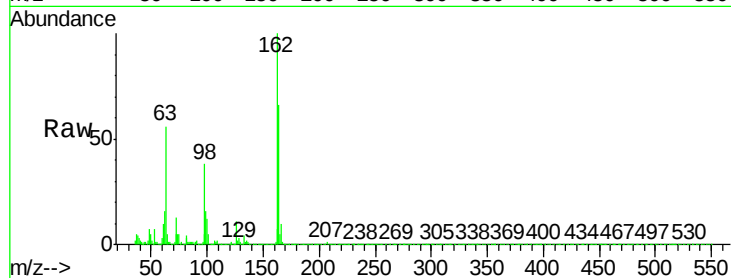
#29
2,4-Dichlorophenol
Concen: 9.721 ng
RT: 10.02 min Scan# 1213
Delta R.T. 0.00 min
Lab File: BP002402.D
Acq: 12 Jun 2020 17:37

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2020

Tot Ion	Ratio	Resp	Lower	Upper
162	100	86681		
164	66.0	45.5	85.5	
98	37.9	16.6	56.6	

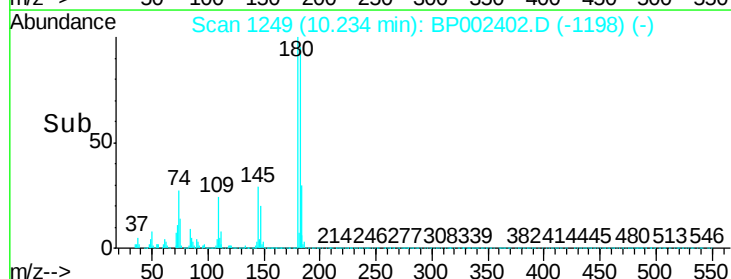
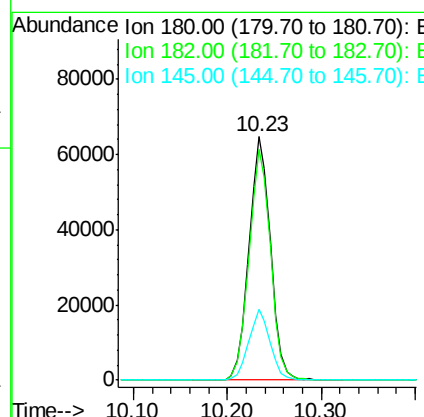
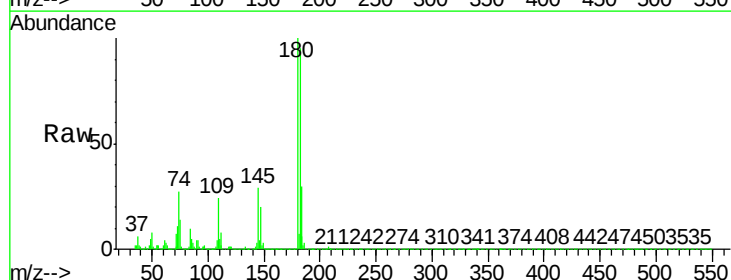
Manual Integrations
APPROVED

mohammad
6/15/2020 8:47:11 AM



#30
1,2,4-Trichlorobenzene
Concen: 10.288 ng
RT: 10.23 min Scan# 1249
Delta R.T. 0.00 min
Lab File: BP002402.D
Acq: 12 Jun 2020 17:37

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	102253		
182	94.7	77.1	115.7	
145	29.2	23.8	35.6	





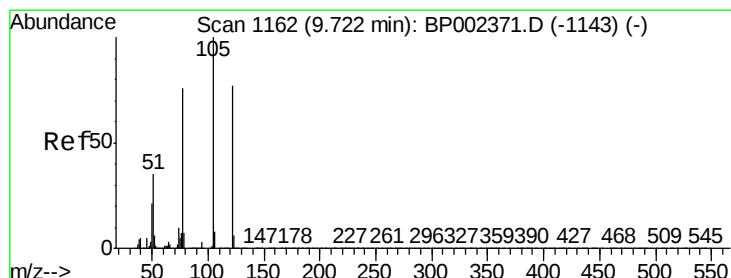
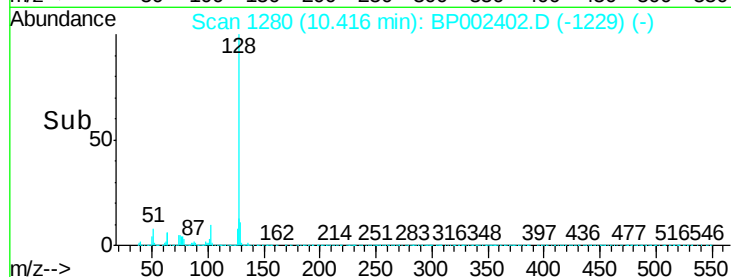
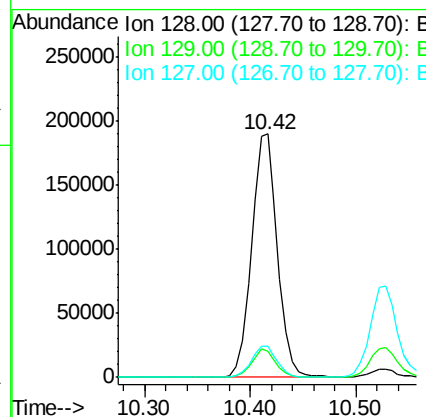
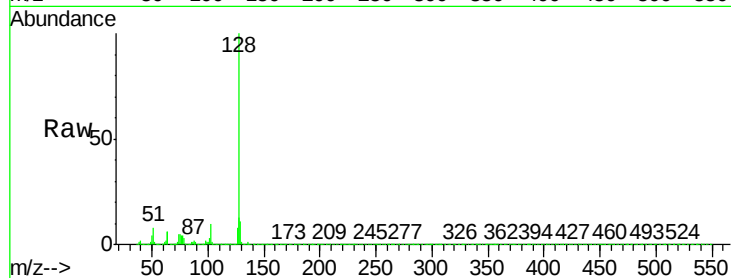
#31
Naphthalene
Concen: 10.974 ng
RT: 10.42 min Scan# 1280
Delta R.T. 0.00 min
Lab File: BP002402.D
Acq: 12 Jun 2020 17:37

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2020

Tot Ion	Ratio	Resp	Lower	Upper
128	100	320940		
129	10.7		8.7	13.1
127	12.8		10.3	15.5

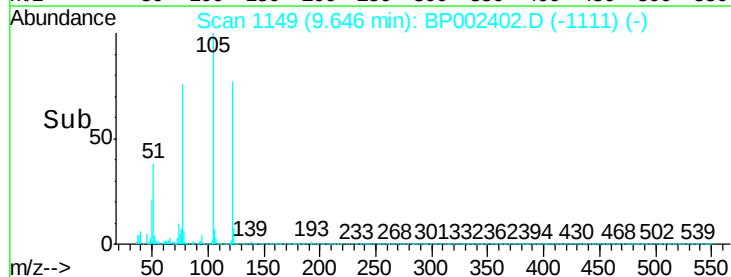
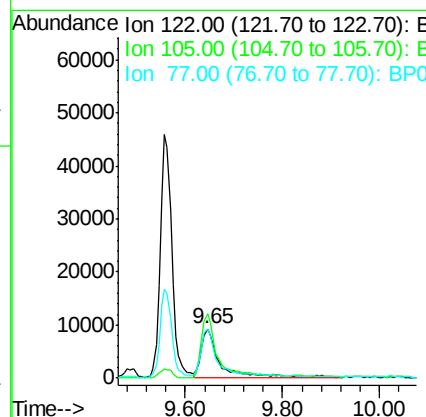
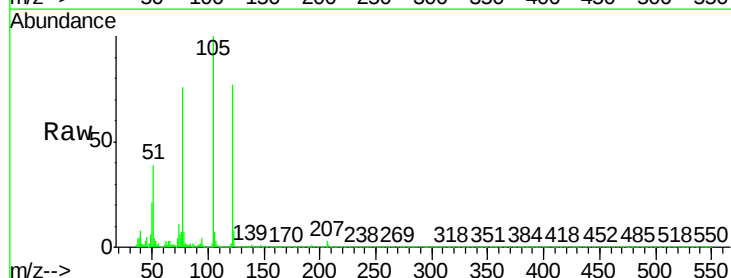
Manual Integrations
APPROVED

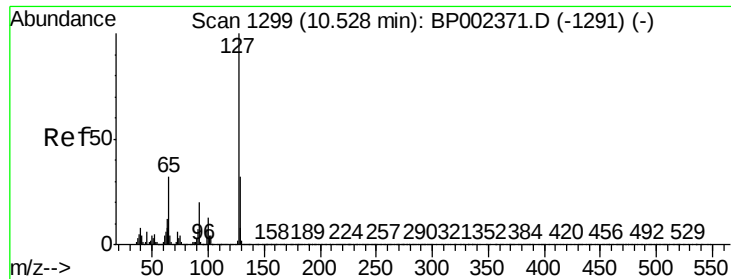
mohammad
6/15/2020 8:47:11 AM



#32
Benzoic acid
Concen: 4.369 ng m
RT: 9.65 min Scan# 1149
Delta R.T. -0.08 min
Lab File: BP002402.D
Acq: 12 Jun 2020 17:37

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	26328		
105	130.3		106.3	146.3
77	99.3		77.5	117.5





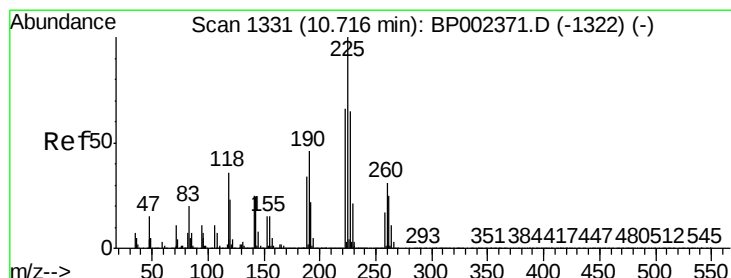
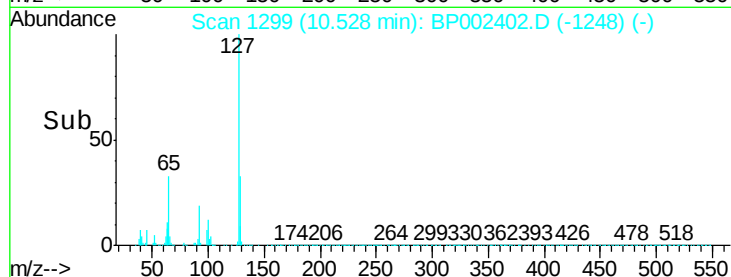
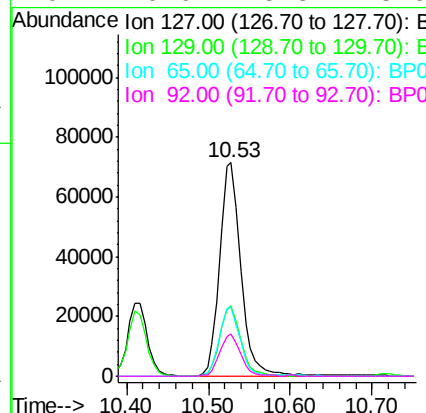
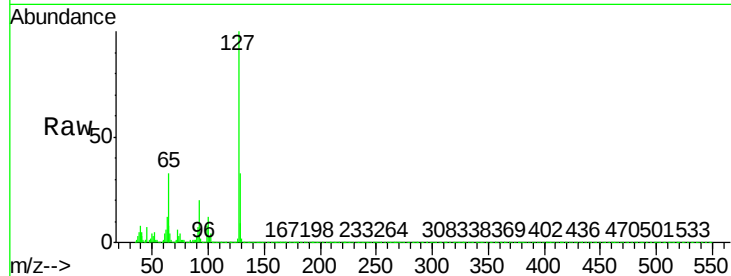
#33
4-Chloroaniline
Concen: 10.123 ng
RT: 10.53 min Scan# 1299
Delta R.T. 0.00 min
Lab File: BP002402.D
Acq: 12 Jun 2020 17:37

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2020

Tot Ion	Ratio	Resp Lower	Upper
127	100		
129	33.1	25.4	38.2
65	32.6	25.3	37.9
92	19.9	15.8	23.6

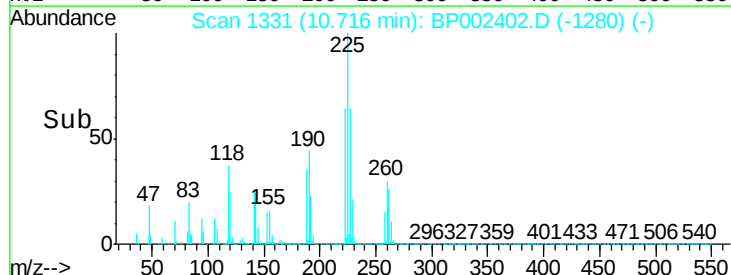
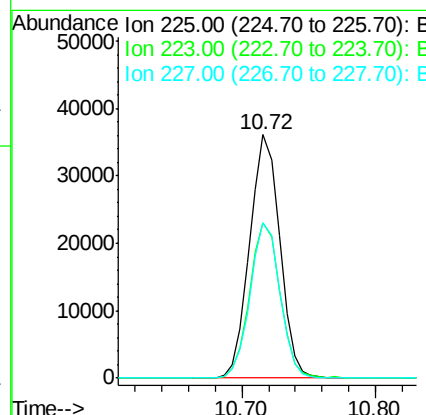
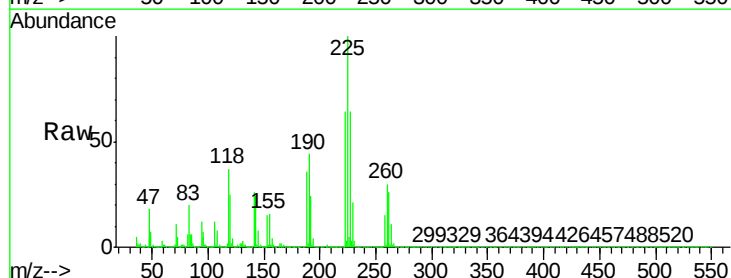
Manual Integrations
APPROVED

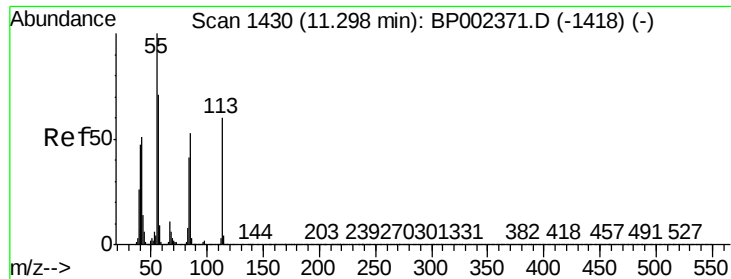
mohammad
6/15/2020 8:47:11 AM



#34
Hexachlorobutadiene
Concen: 9.675 ng
RT: 10.72 min Scan# 1331
Delta R.T. 0.00 min
Lab File: BP002402.D
Acq: 12 Jun 2020 17:37

Tgt Ion	Ratio	Resp Lower	Upper
225	100		
223	64.0	52.6	78.8
227	64.0	52.2	78.2





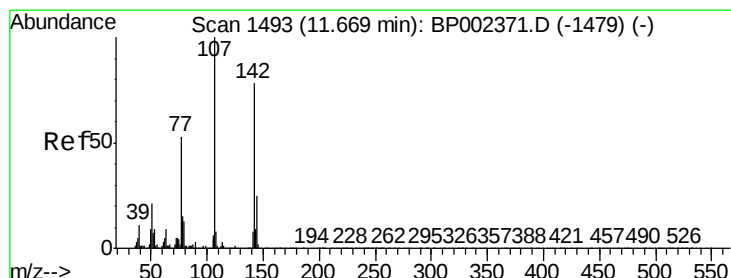
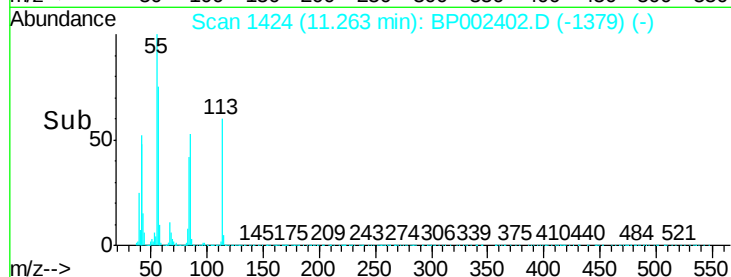
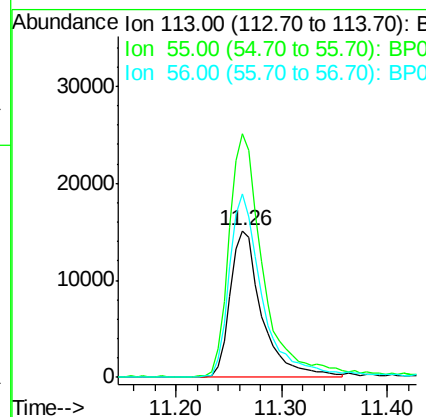
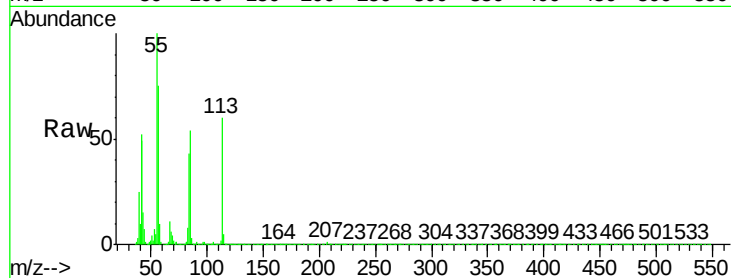
#35
Caprolactam
Concen: 9.994 ng
RT: 11.26 min Scan# 1424
Delta R.T. -0.04 min
Lab File: BP002402.D
Acq: 12 Jun 2020 17:37

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2020

Tot Ion	Ratio	Lower	Upper
113	100		
55	165.7	147.9	187.9
56	124.6	99.9	139.9

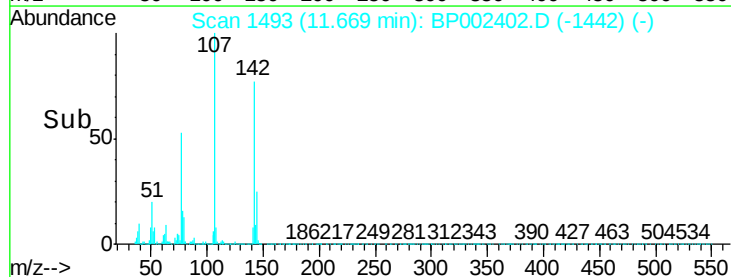
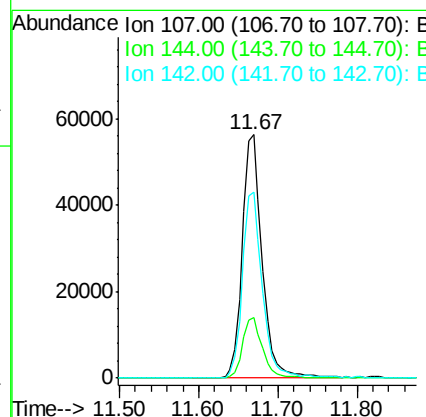
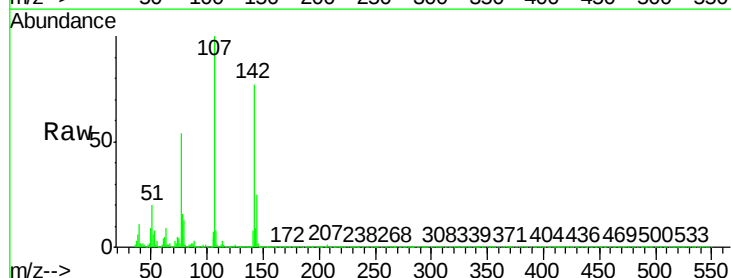
Manual Integrations
APPROVED

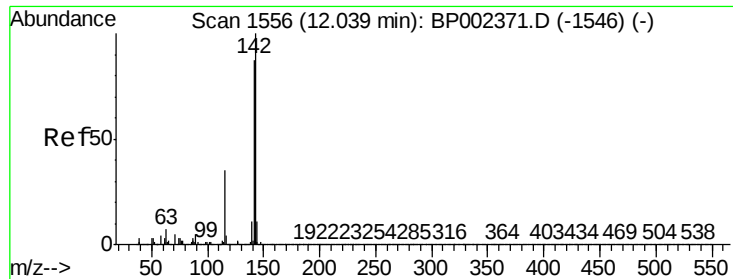
mohammad
6/15/2020 8:47:11 AM



#36
4-Chloro-3-methylphenol
Concen: 10.128 ng
RT: 11.67 min Scan# 1493
Delta R.T. 0.00 min
Lab File: BP002402.D
Acq: 12 Jun 2020 17:37

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.0	20.4	30.6
142	76.5	62.2	93.4





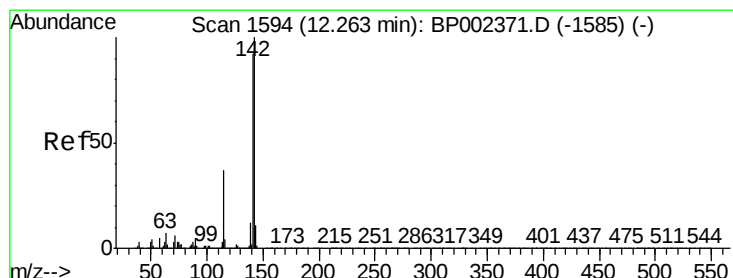
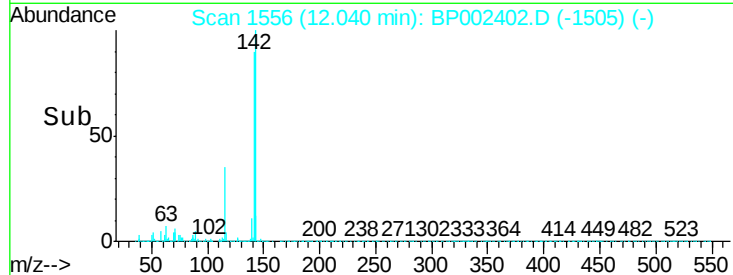
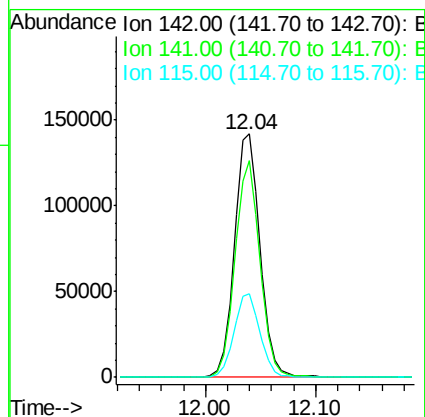
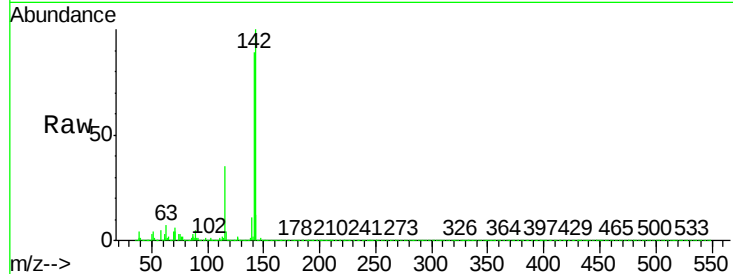
#37
2-Methylnaphthalene
Concen: 11.135 ng
RT: 12.04 min Scan# 1556
Delta R.T. 0.00 min
Lab File: BP002402.D
Acq: 12 Jun 2020 17:37

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2020

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.3	69.7	104.5
115	34.5	27.8	41.8

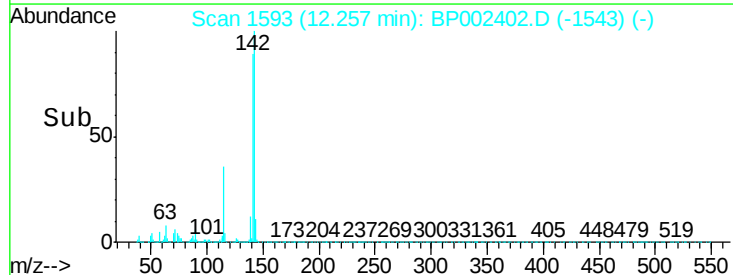
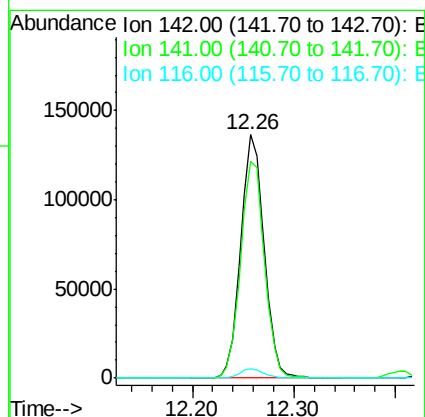
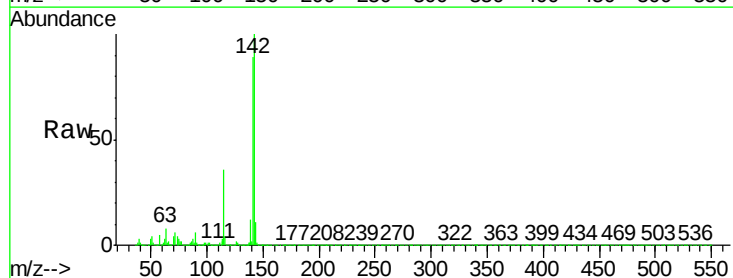
Manual Integrations
APPROVED

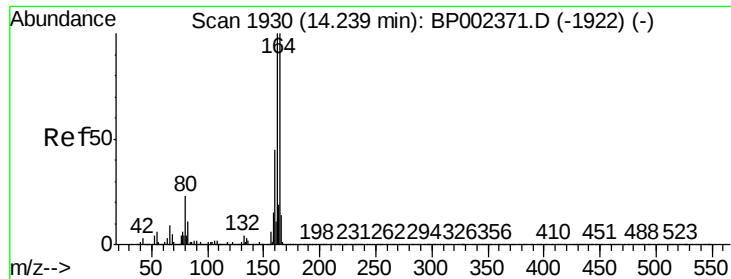
mohammad
6/15/2020 8:47:11 AM



#38
1-Methylnaphthalene
Concen: 11.185 ng
RT: 12.26 min Scan# 1593
Delta R.T. -0.01 min
Lab File: BP002402.D
Acq: 12 Jun 2020 17:37

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.1	73.6	110.4
116	4.1	3.1	4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.24 min Scan# 1930

Delta R.T. 0.00 min

Lab File: BP002402.D

Acq: 12 Jun 2020 17:37

Instrument :

BNA_P

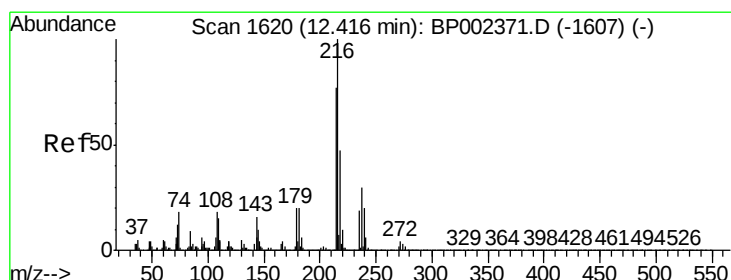
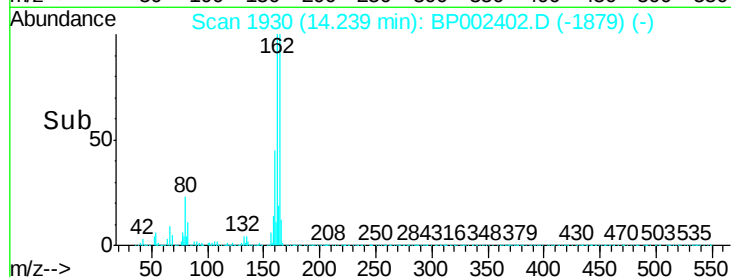
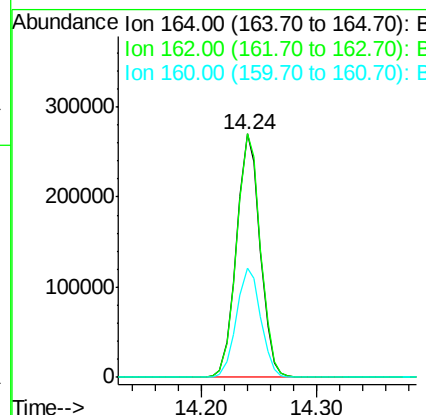
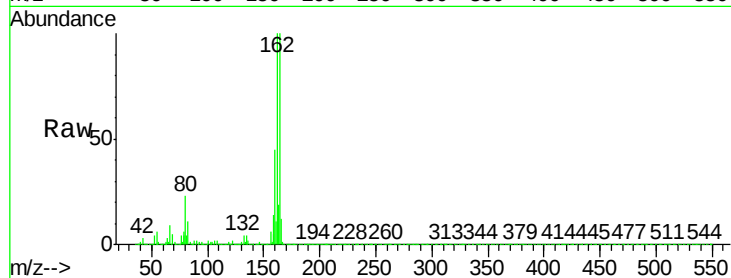
ClientSampleId :

LOQ-SOIL-02-QT2-2020

Tot Ion:	164	Resp:	382370
Ion Ratio		Lower	Upper
164	100		
162	100.0	79.8	119.8
160	44.9	36.2	54.2

Manual Integrations
APPROVED

mohammad
6/15/2020 8:47:11 AM



#40

1,2,4,5-Tetrachlorobenzene

Concen: 11.504 ng

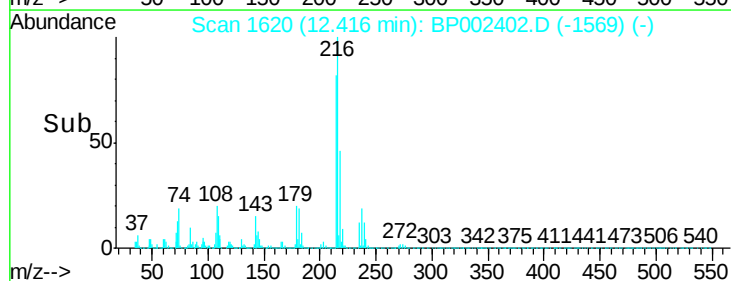
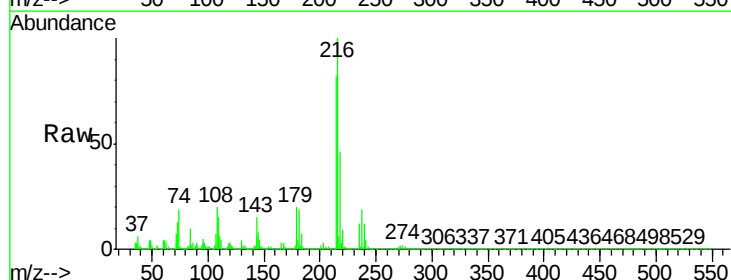
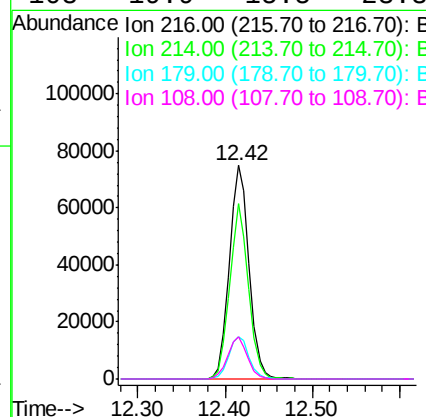
RT: 12.42 min Scan# 1620

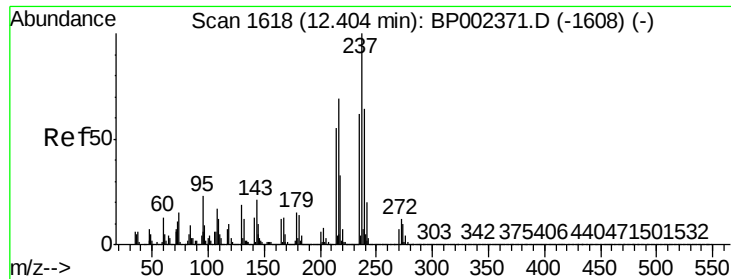
Delta R.T. 0.00 min

Lab File: BP002402.D

Acq: 12 Jun 2020 17:37

Tgt Ion:	216	Resp:	115958
Ion Ratio		Lower	Upper
216	100		
214	78.5	62.6	94.0
179	20.4	16.4	24.6
108	19.9	15.5	23.3





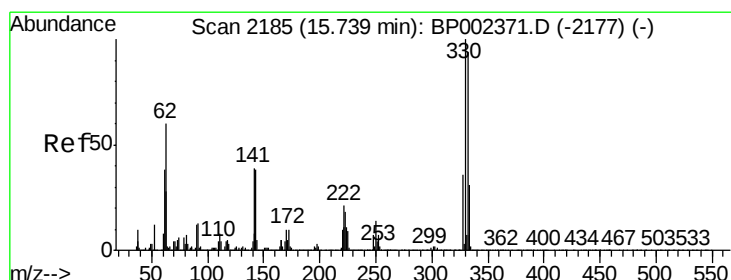
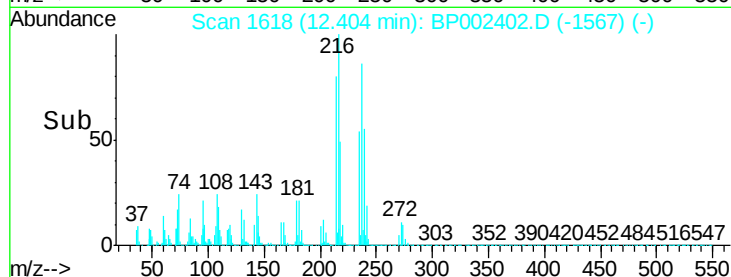
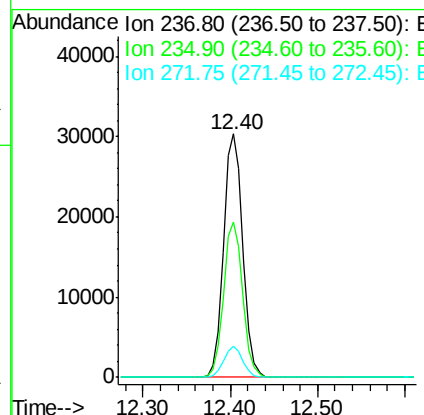
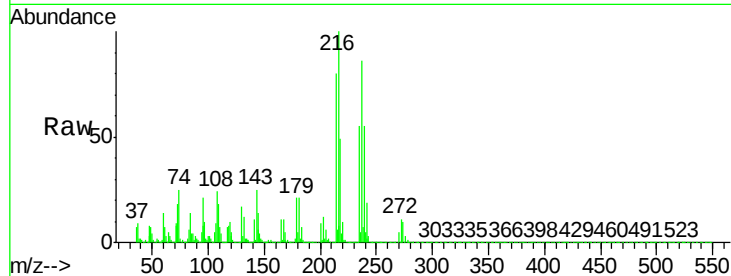
#41
Hexachlorocyclopentadiene
Concen: 8.538 ng
RT: 12.40 min Scan# 1618
Delta R.T. 0.00 min
Lab File: BP002402.D
Acq: 12 Jun 2020 17:37

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2020

Tot Ion	Ratio	Resp	Lower	Upper
237	100			
235	63.6	42.0	82.0	
272	12.6	0.0	32.5	

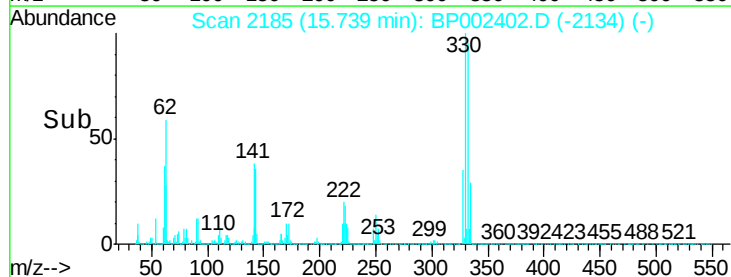
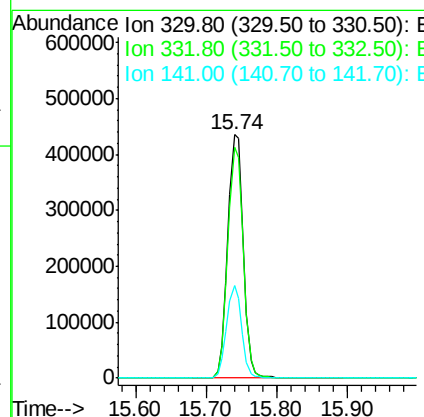
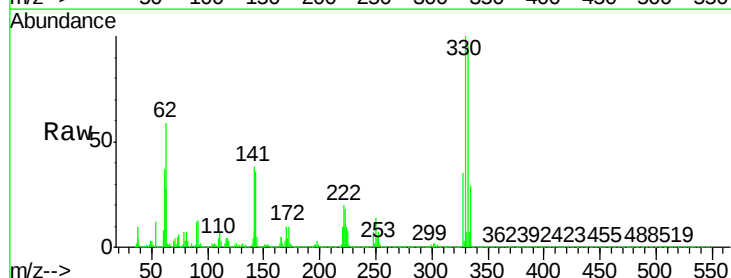
Manual Integrations
APPROVED

mohammad
6/15/2020 8:47:11 AM



#42
2,4,6-Tribromophenol
Concen: 182.747 ng
RT: 15.74 min Scan# 2185
Delta R.T. 0.00 min
Lab File: BP002402.D
Acq: 12 Jun 2020 17:37

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	94.8	76.6	115.0	
141	37.0	30.3	45.5	





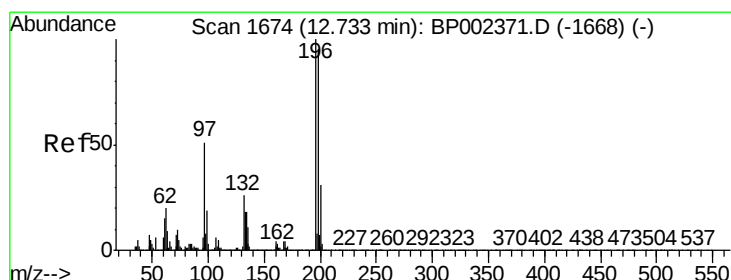
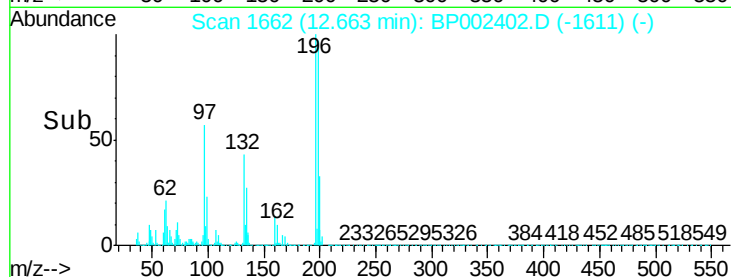
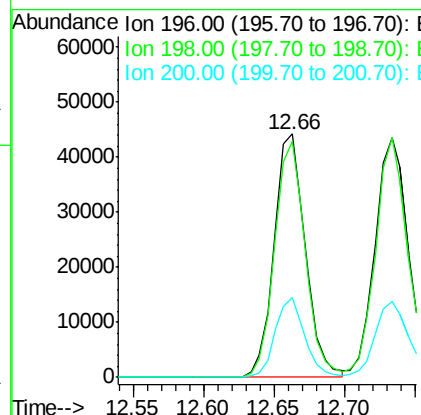
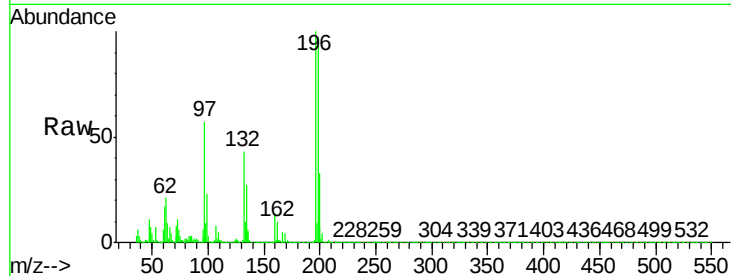
#43
2,4,6-Trichlorophenol
Concen: 9.610 ng
RT: 12.66 min Scan# 1662
Delta R.T. 0.00 min
Lab File: BP002402.D
Acq: 12 Jun 2020 17:37

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2020

Tot Ion	Ratio	Lower	Upper
196	100		
198	96.9	76.6	115.0
200	32.9	24.7	37.1

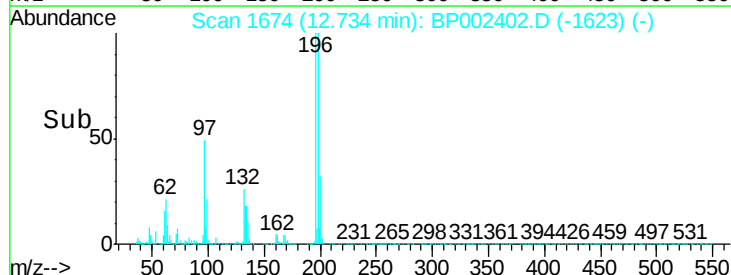
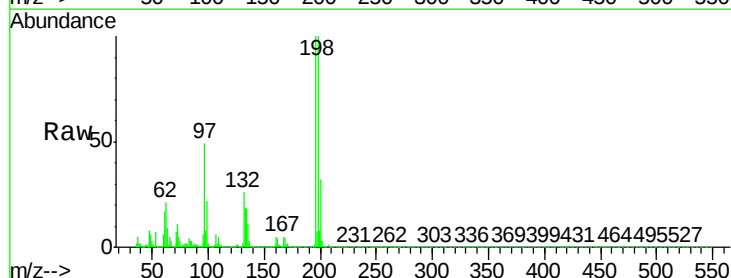
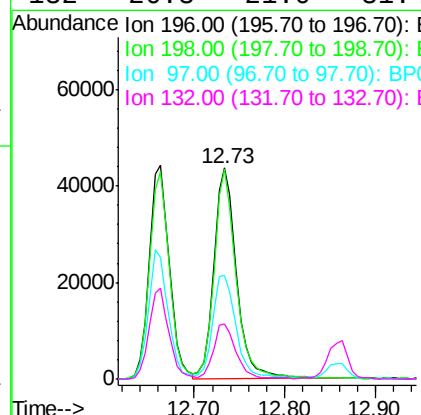
Manual Integrations
APPROVED

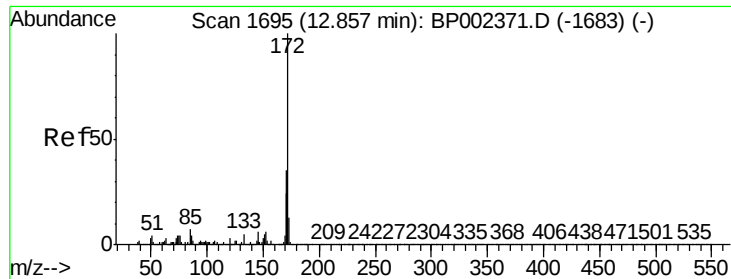
mohammad
6/15/2020 8:47:11 AM



#44
2,4,5-Trichlorophenol
Concen: 9.110 ng
RT: 12.73 min Scan# 1674
Delta R.T. 0.00 min
Lab File: BP002402.D
Acq: 12 Jun 2020 17:37

Tgt Ion	Ratio	Lower	Upper
196	100		
198	99.8	76.2	114.2
97	49.4	40.6	61.0
132	26.3	21.0	31.4





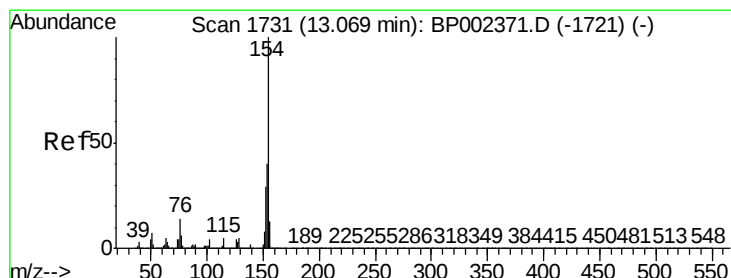
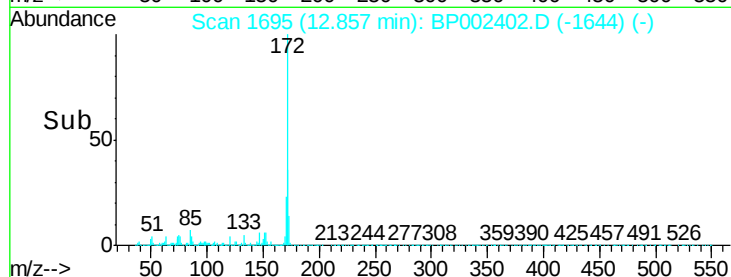
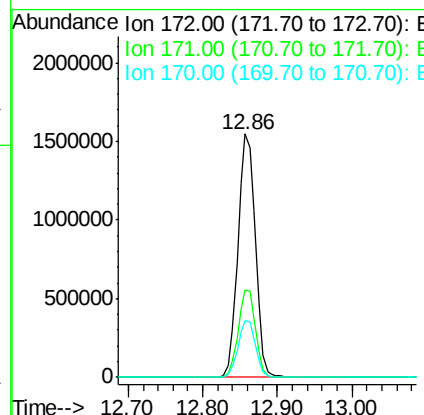
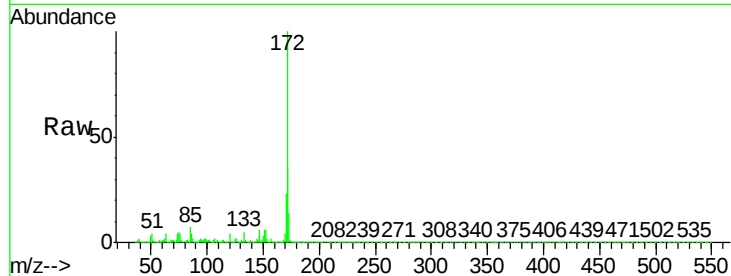
#45
2-Fluorobiphenyl
Concen: 110.933 ng
RT: 12.86 min Scan# 1695
Delta R.T. 0.00 min
Lab File: BP002402.D
Acq: 12 Jun 2020 17:37

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2020

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.9	27.8	41.8
170	23.5	19.0	28.6

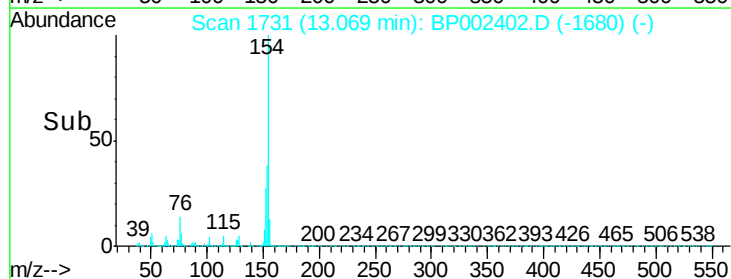
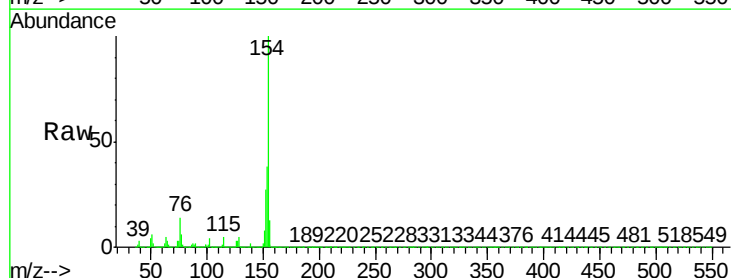
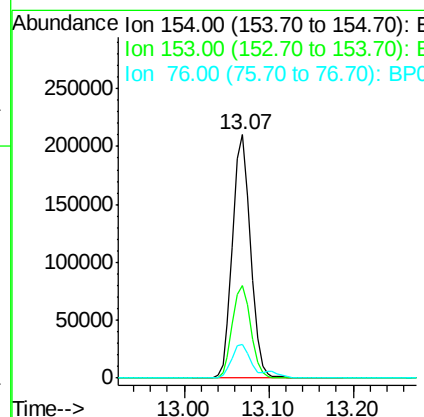
Manual Integrations
APPROVED

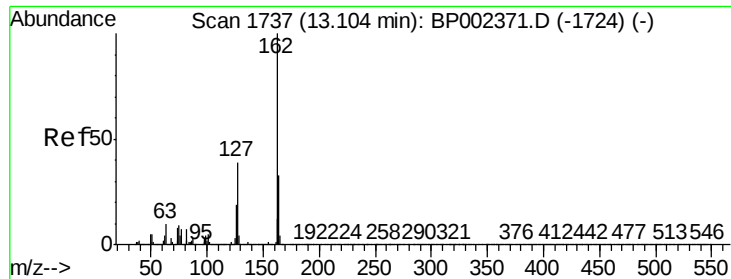
mohammad
6/15/2020 8:47:11 AM



#46
1,1'-Biphenyl
Concen: 12.284 ng
RT: 13.07 min Scan# 1731
Delta R.T. 0.00 min
Lab File: BP002402.D
Acq: 12 Jun 2020 17:37

Tgt Ion	Ratio	Lower	Upper
154	100		
153	38.0	20.2	60.2
76	13.8	0.0	34.2





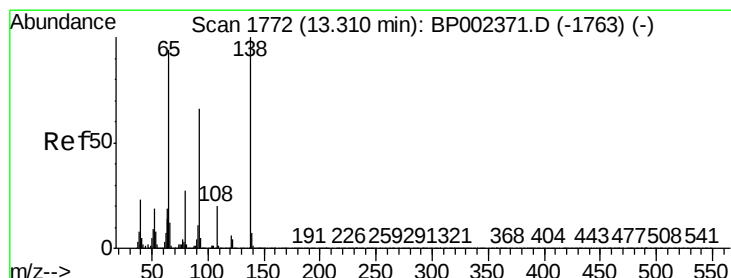
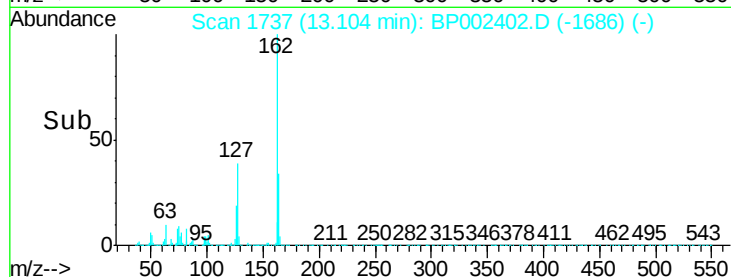
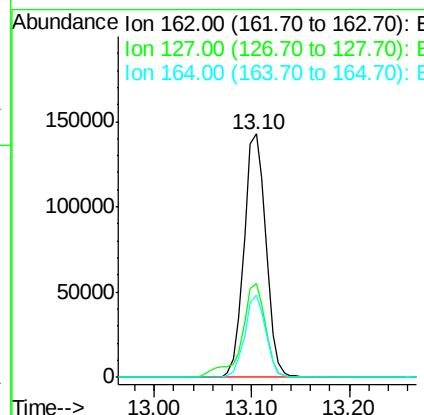
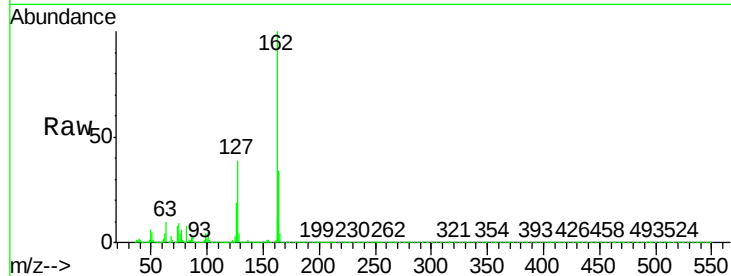
#47
2-Chloronaphthalene
Concen: 10.892 ng
RT: 13.10 min Scan# 1737
Delta R.T. 0.00 min
Lab File: BP002402.D
Acq: 12 Jun 2020 17:37

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2020

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
127	38.8	31.0	46.4	
164	33.6	26.6	40.0	

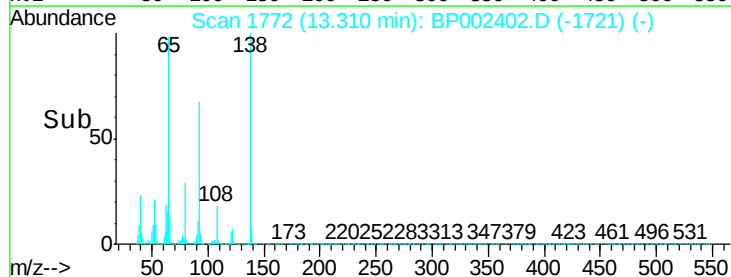
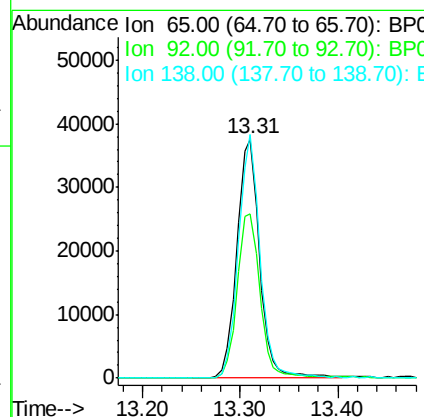
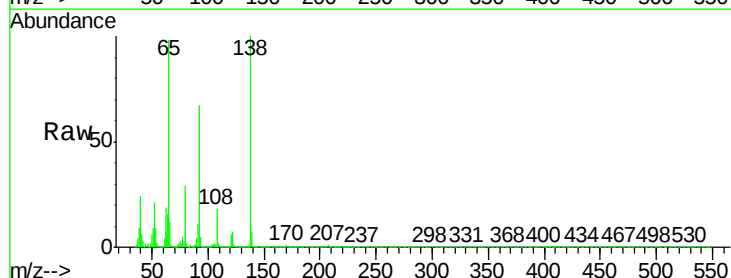
Manual Integrations
APPROVED

mohammad
6/15/2020 8:47:11 AM



#48
2-Nitroaniline
Concen: 9.283 ng
RT: 13.31 min Scan# 1772
Delta R.T. 0.00 min
Lab File: BP002402.D
Acq: 12 Jun 2020 17:37

Tgt Ion	Ratio	Resp	Lower	Upper
65	100			
92	68.9	56.3	84.5	
138	102.1	85.0	127.6	





#49

Acenaphthylene

Concen: 10.964 ng

RT: 13.96 min Scan# 1882

Delta R.T. 0.00 min

Lab File: BP002402.D

Acq: 12 Jun 2020 17:37

Instrument :

BNA_P

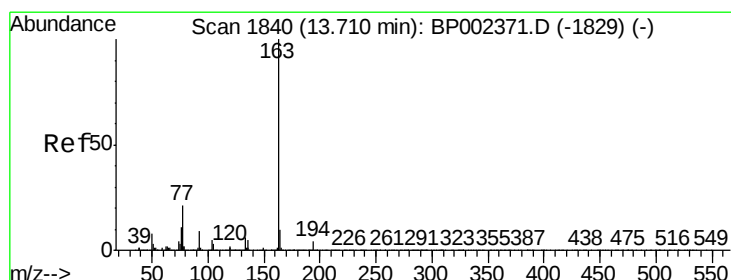
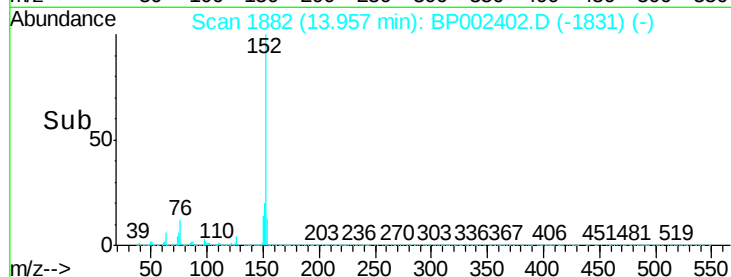
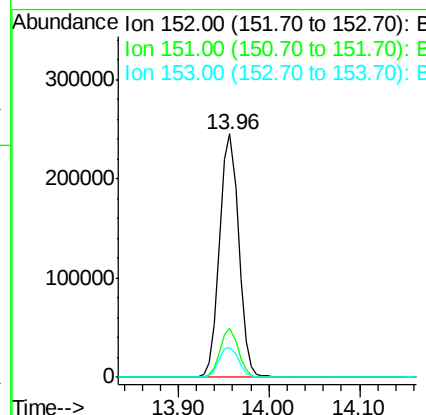
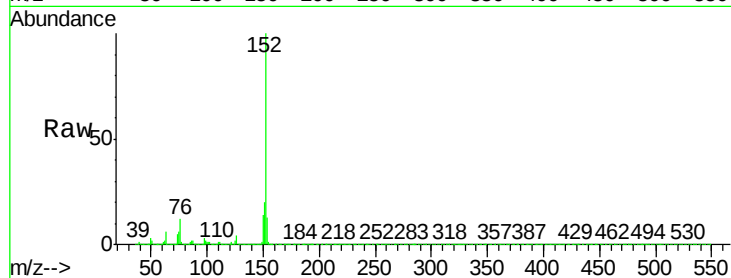
ClientSampleId :

LOQ-SOIL-02-QT2-2020

Tot Ion:	152	Resp:	358698
Ion Ratio		Lower	Upper
152	100		
151	20.2	15.7	23.5
153	12.5	10.5	15.7

Manual Integrations
APPROVED

mohammad
6/15/2020 8:47:11 AM



#50

Dimethylphthalate

Concen: 10.584 ng

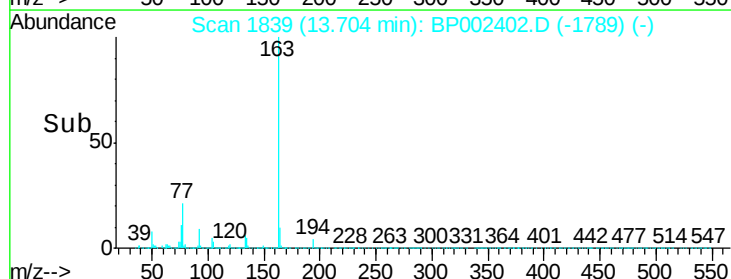
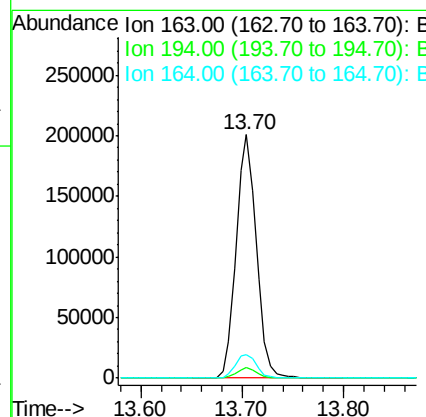
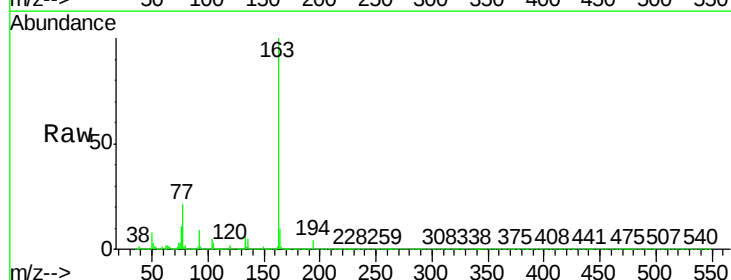
RT: 13.70 min Scan# 1839

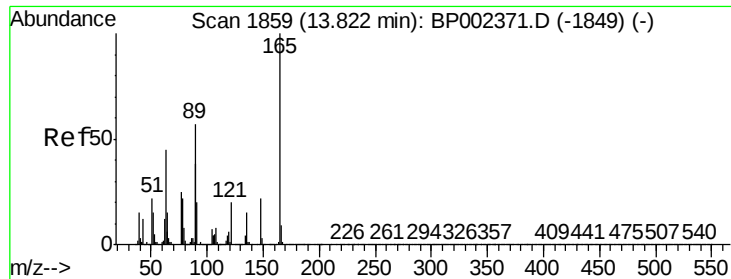
Delta R.T. -0.01 min

Lab File: BP002402.D

Acq: 12 Jun 2020 17:37

Tgt Ion:	163	Resp:	277308
Ion Ratio		Lower	Upper
163	100		
194	4.1	3.4	5.0
164	9.8	8.1	12.1





#51

2,6-Dinitrotoluene

Concen: 9.794 ng

RT: 13.82 min Scan# 1858

Delta R.T. -0.01 min

Lab File: BP002402.D

Acq: 12 Jun 2020 17:37

Instrument :

BNA_P

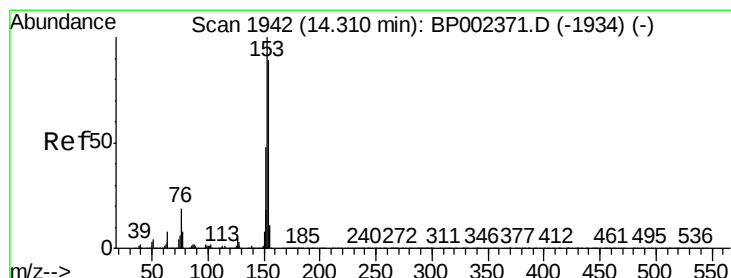
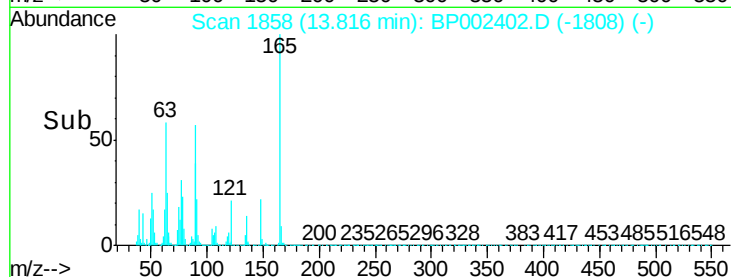
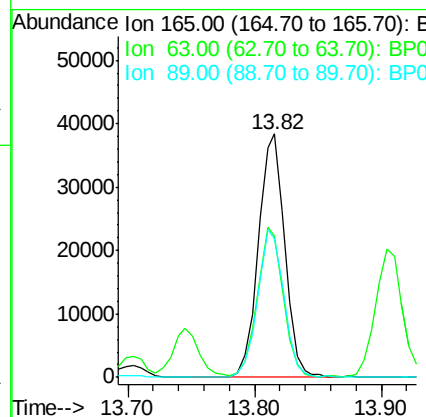
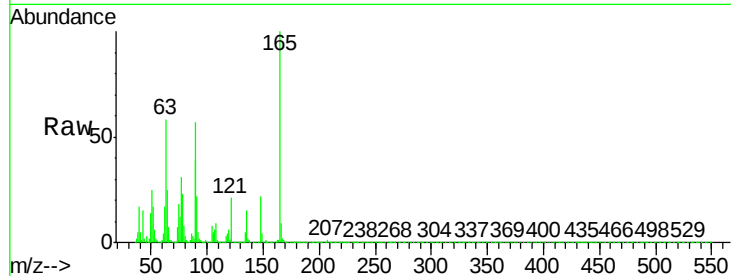
ClientSampleId :

LOQ-SOIL-02-QT2-2020

Tot Ion:	165	Resp:	55725
Ion Ratio	Lower	Upper	
165	100		
63	57.9	43.1	64.7
89	57.1	45.3	67.9

Manual Integrations
APPROVED

mohammad
6/15/2020 8:47:11 AM



#52

Acenaphthene

Concen: 11.190 ng

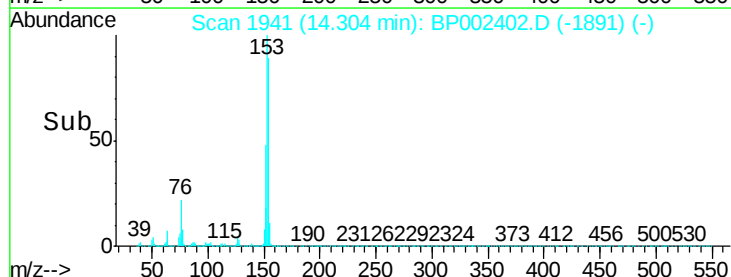
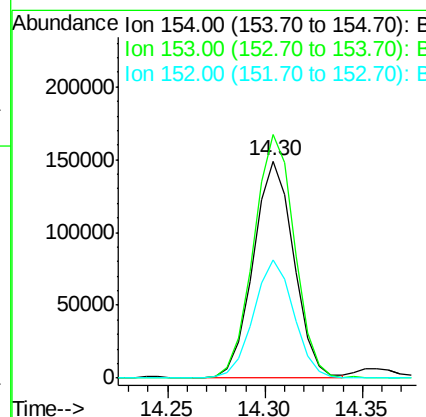
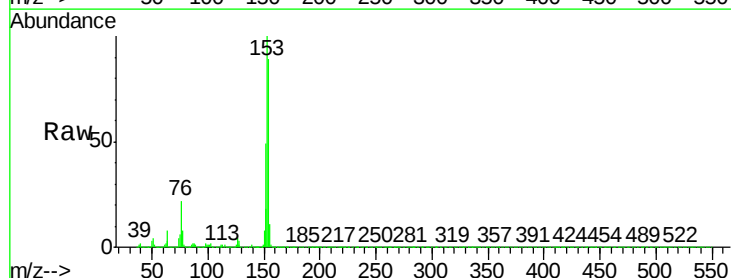
RT: 14.30 min Scan# 1941

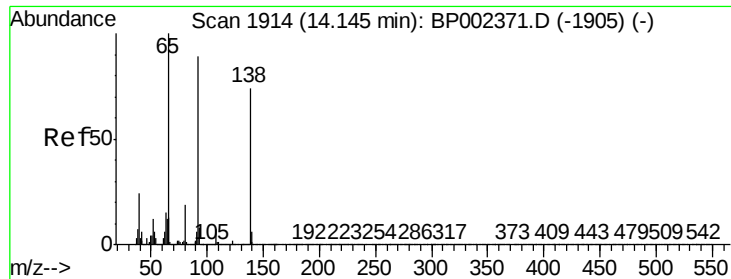
Delta R.T. -0.01 min

Lab File: BP002402.D

Acq: 12 Jun 2020 17:37

Tgt Ion:	154	Resp:	214475
Ion Ratio	Lower	Upper	
154	100		
153	112.3	89.5	134.3
152	54.6	43.3	64.9





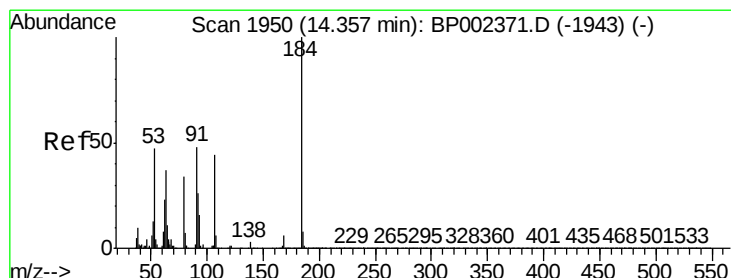
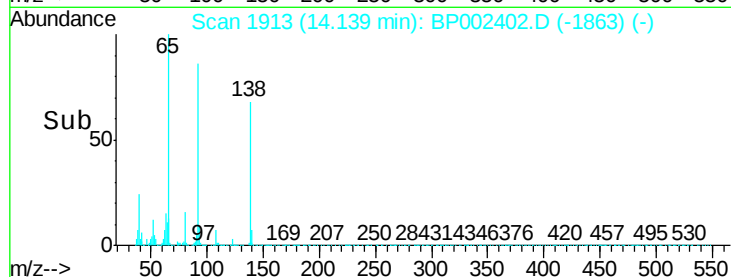
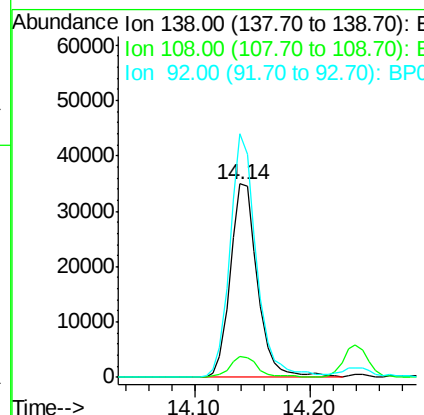
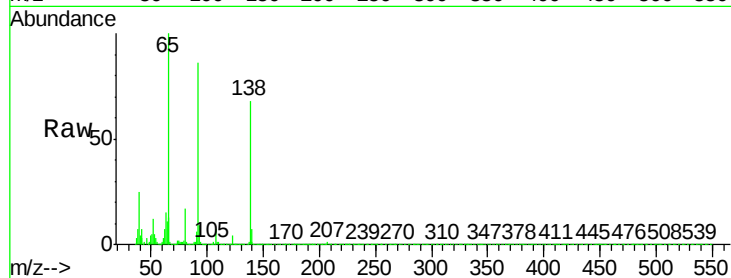
#53
3-Nitroaniline
Concen: 8.782 ng
RT: 14.14 min Scan# 1913
Delta R.T. -0.01 min
Lab File: BP002402.D
Acq: 12 Jun 2020 17:37

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2020

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.6	8.0	12.0
92	125.7	96.2	144.2

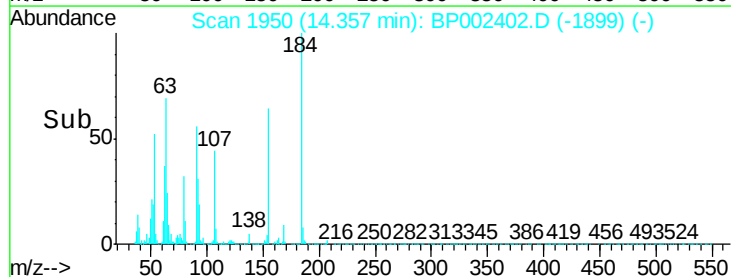
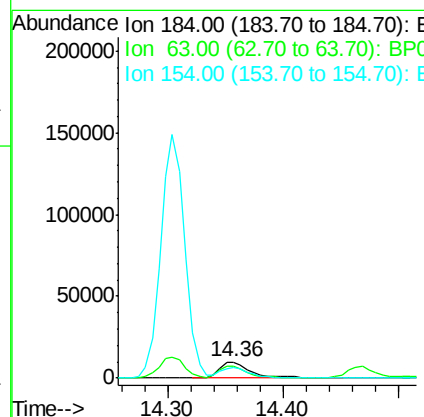
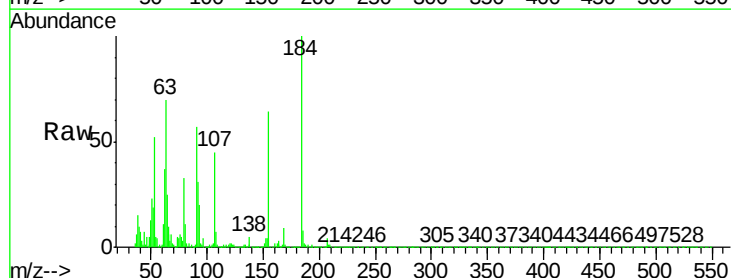
Manual Integrations
APPROVED

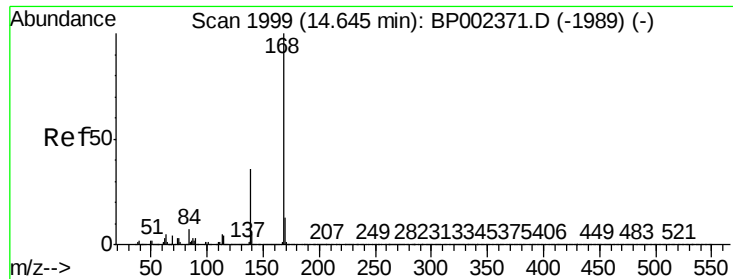
mohammad
6/15/2020 8:47:11 AM



#54
2,4-Dinitrophenol
Concen: 6.011 ng
RT: 14.36 min Scan# 1950
Delta R.T. 0.00 min
Lab File: BP002402.D
Acq: 12 Jun 2020 17:37

Tgt Ion	Ratio	Lower	Upper
184	100		
63	69.9	52.3	78.5
154	64.1	48.6	72.8





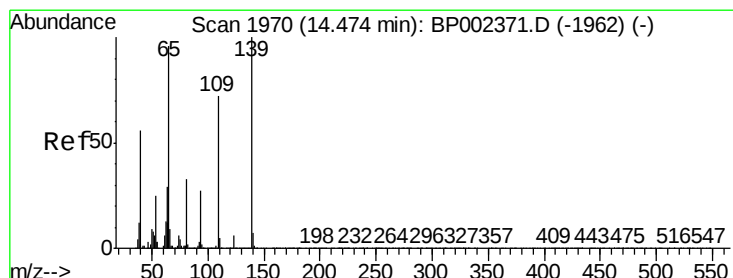
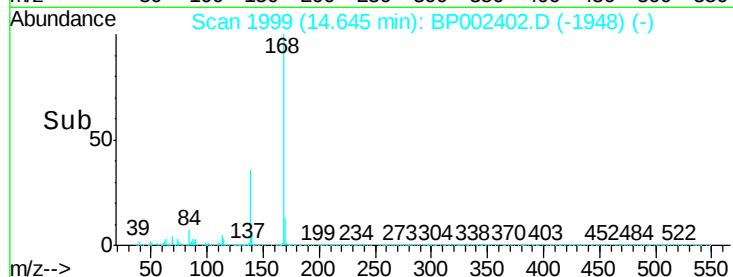
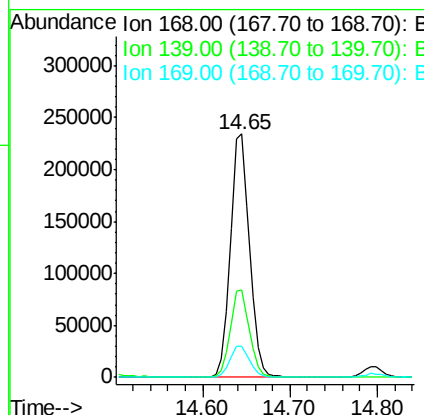
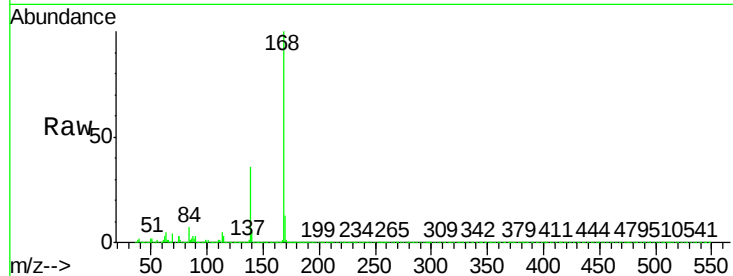
#55
Dibenzenofuran
Concen: 11.235 ng
RT: 14.65 min Scan# 1999
Delta R.T. 0.00 min
Lab File: BP002402.D
Acq: 12 Jun 2020 17:37

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2020

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.0	28.9	43.3
169	13.0	10.6	15.8

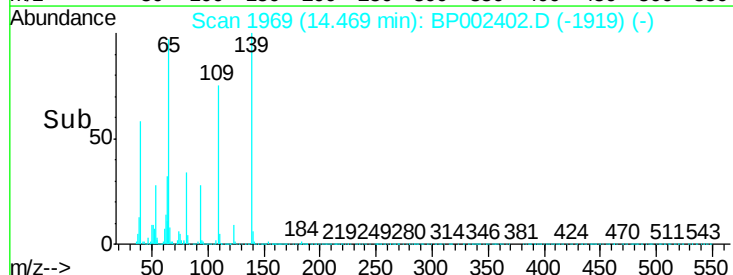
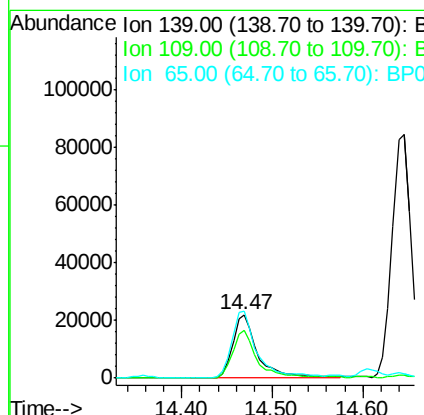
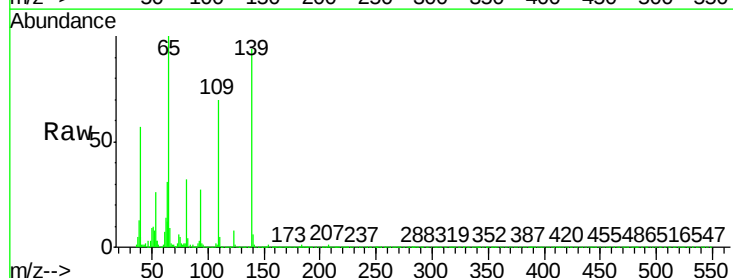
Manual Integrations
APPROVED

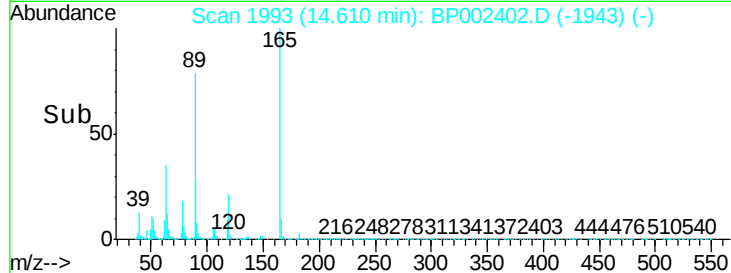
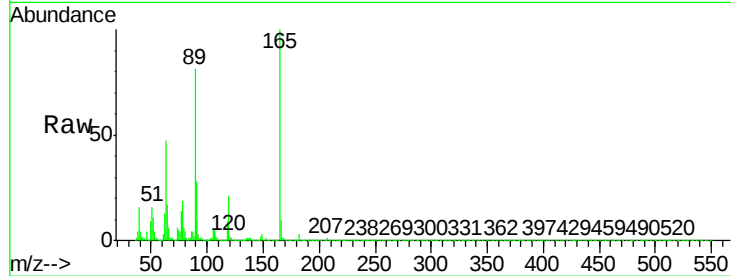
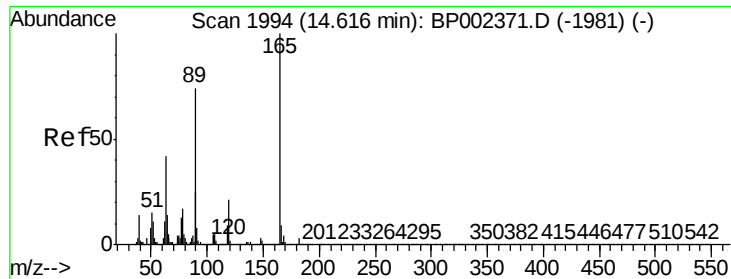
mohammad
6/15/2020 8:47:11 AM



#56
4-Nitrophenol
Concen: 8.215 ng
RT: 14.47 min Scan# 1969
Delta R.T. -0.01 min
Lab File: BP002402.D
Acq: 12 Jun 2020 17:37

Tgt Ion	Ratio	Lower	Upper
139	100		
109	74.8	52.0	92.0
65	106.6	76.3	116.3





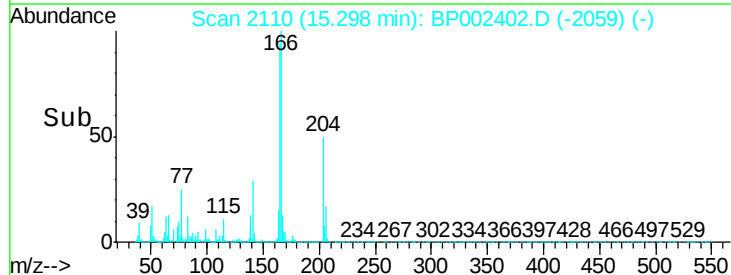
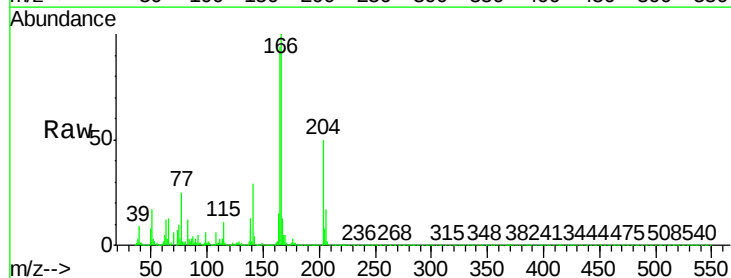
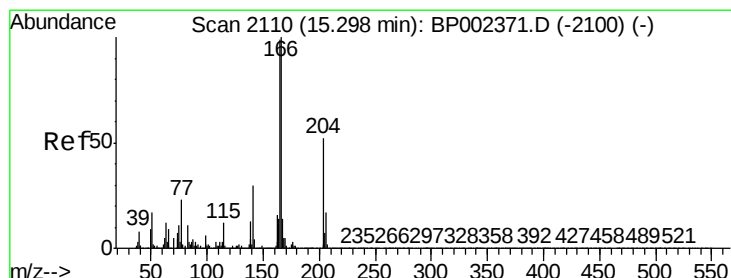
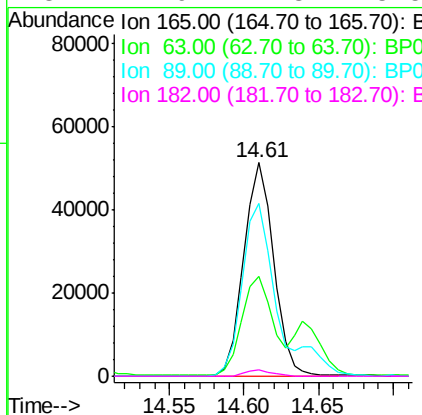
#57
2,4-Dinitrotoluene
Concen: 9.226 ng
RT: 14.61 min Scan# 1993
Delta R.T. -0.01 min
Lab File: BP002402.D
Acq: 12 Jun 2020 17:37

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	46.7	34.2	51.2	
89	80.8	59.3	88.9	
182	2.9	2.3	3.5	

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2020

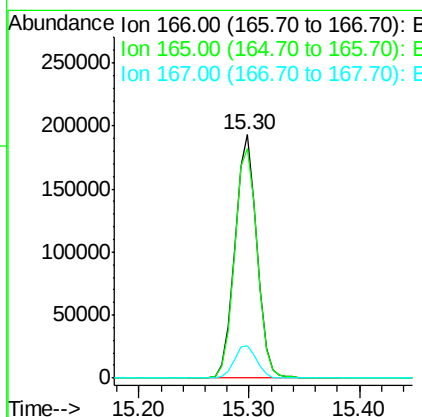
Manual Integrations
APPROVED

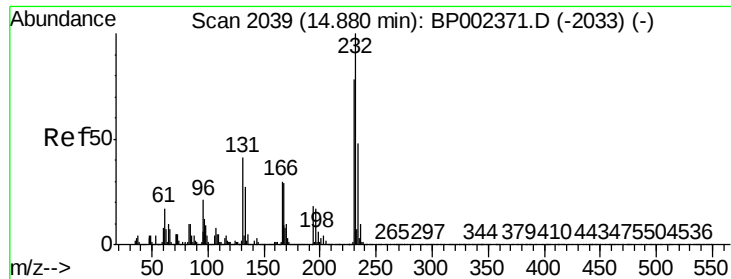
mohammad
6/15/2020 8:47:11 AM



#58
Fluorene
Concen: 11.107 ng
RT: 15.30 min Scan# 2110
Delta R.T. 0.00 min
Lab File: BP002402.D
Acq: 12 Jun 2020 17:37

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	94.3	79.1	118.7	
167	13.2	11.0	16.4	





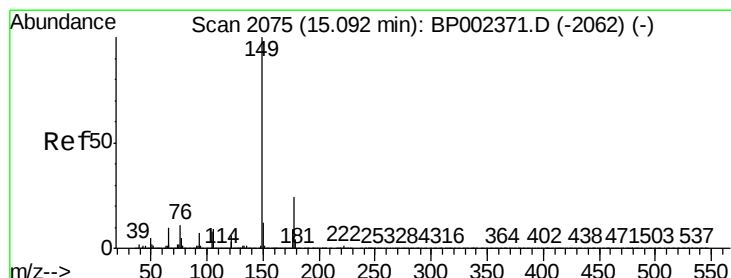
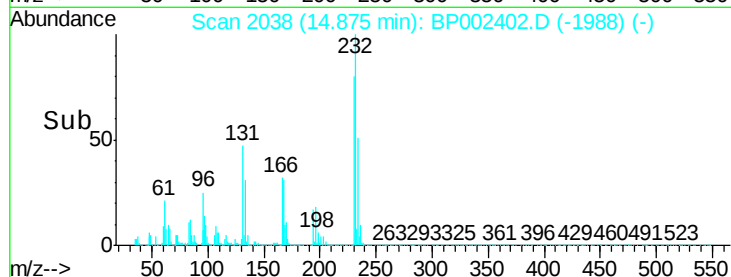
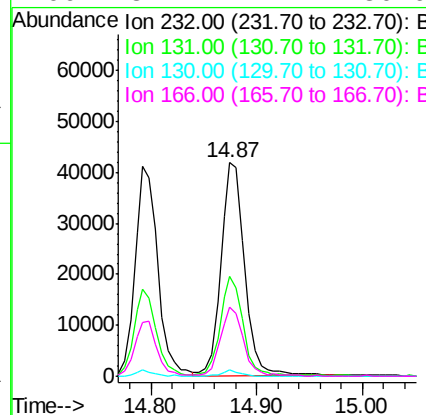
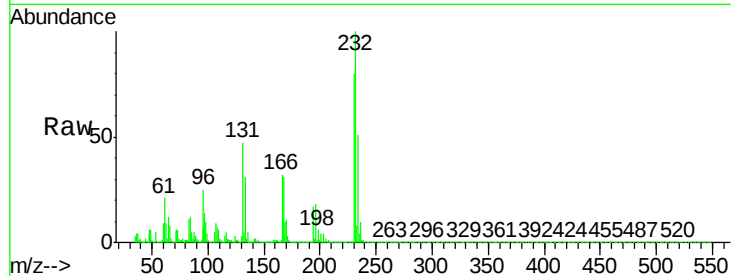
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 9.969 ng
 RT: 14.87 min Scan# 2038
 Delta R.T. -0.01 min
 Lab File: BP002402.D
 Acq: 12 Jun 2020 17:37

Instrument :
 BNA_P
 ClientSampleId :
 LOQ-SOIL-02-QT2-2020

Tot Ion:	232	Resp:	65364
Ion Ratio	Lower	Upper	
232	100		
131	45.4	35.1	52.7
130	2.2	1.8	2.8
166	31.1	24.4	36.6

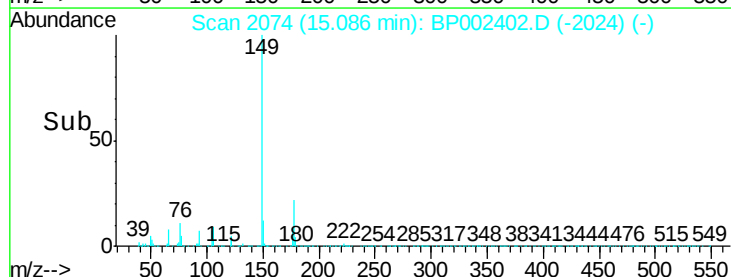
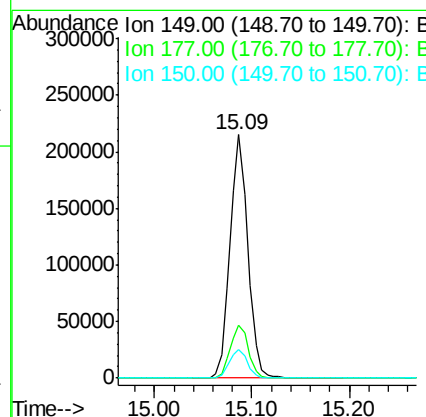
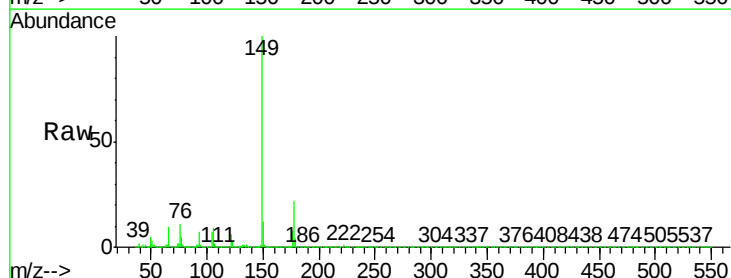
Manual Integrations
 APPROVED

mohammad
 6/15/2020 8:47:11 AM



#60
 Diethylphthalate
 Concen: 10.421 ng
 RT: 15.09 min Scan# 2074
 Delta R.T. -0.01 min
 Lab File: BP002402.D
 Acq: 12 Jun 2020 17:37

Tgt Ion:	149	Resp:	273576
Ion Ratio	Lower	Upper	
149	100		
177	22.0	18.9	28.3
150	11.7	9.9	14.9





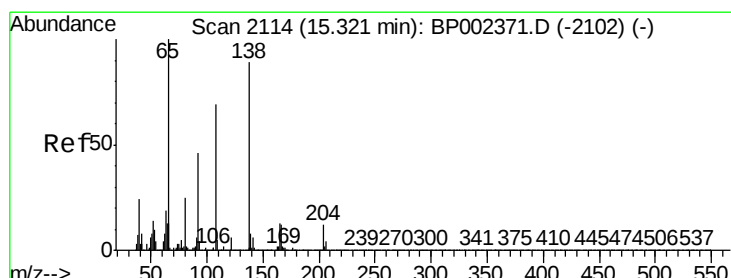
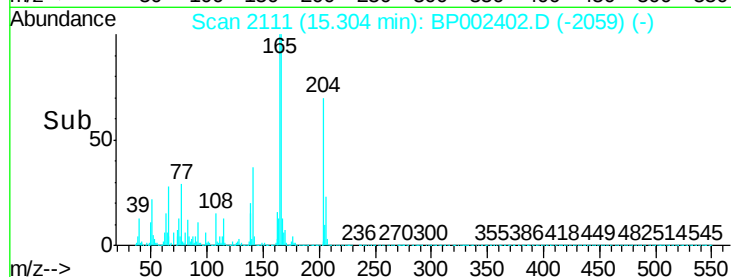
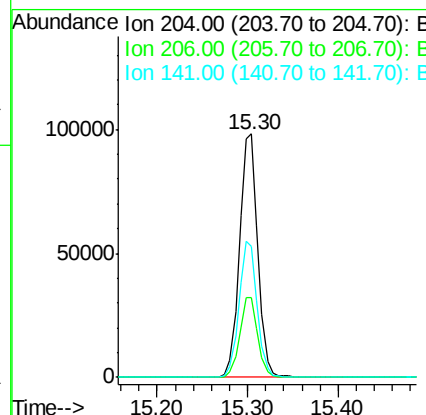
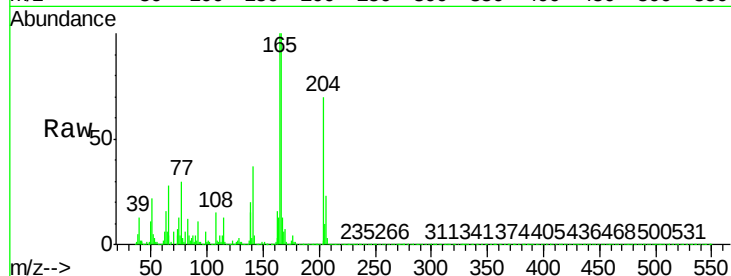
#61
4-Chlorophenyl-phenylether
Concen: 11.770 ng
RT: 15.30 min Scan# 2111
Delta R.T. 0.01 min
Lab File: BP002402.D
Acq: 12 Jun 2020 17:37

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2020

Tot Ion	Ratio	Resp	Lower	Upper
204	100			
206	32.5	26.8	40.2	
141	53.6	46.6	69.8	

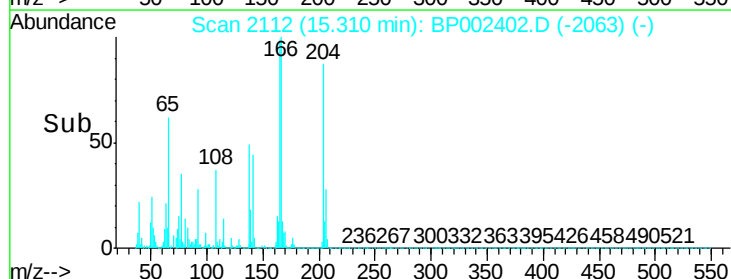
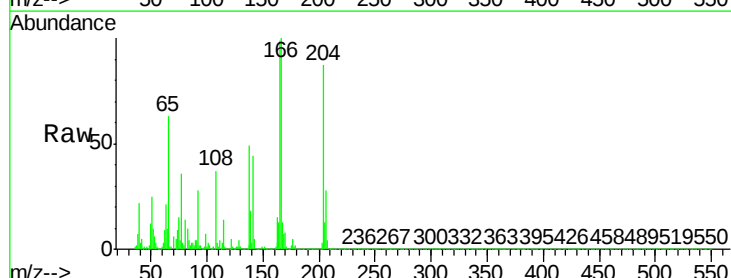
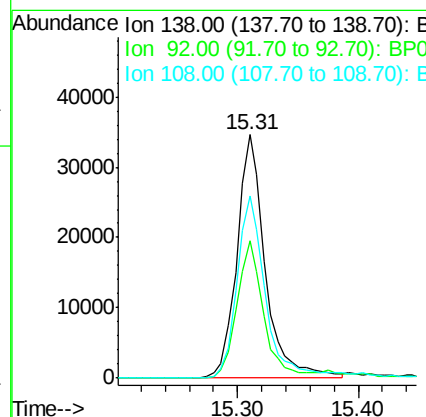
Manual Integrations
APPROVED

mohammad
6/15/2020 8:47:11 AM



#62
4-Nitroaniline
Concen: 9.034 ng
RT: 15.31 min Scan# 2112
Delta R.T. -0.01 min
Lab File: BP002402.D
Acq: 12 Jun 2020 17:37

Tgt Ion	Ratio	Resp	Lower	Upper
138	100			
92	56.3	31.7	71.7	
108	74.8	57.5	97.5	





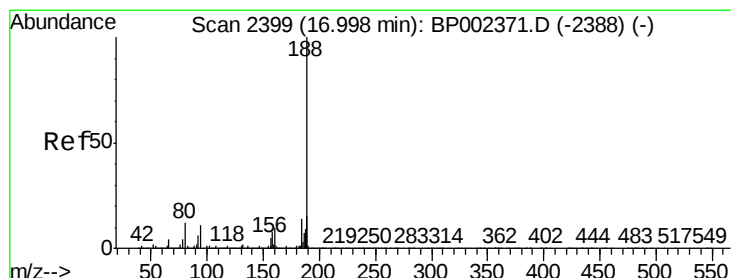
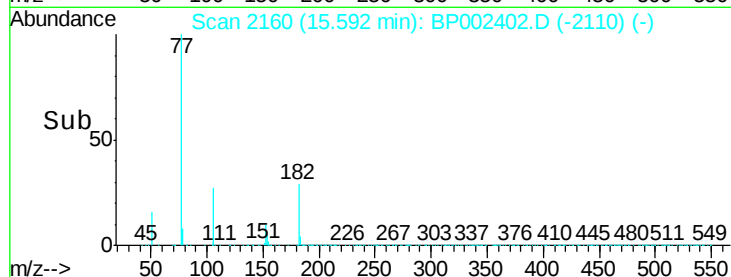
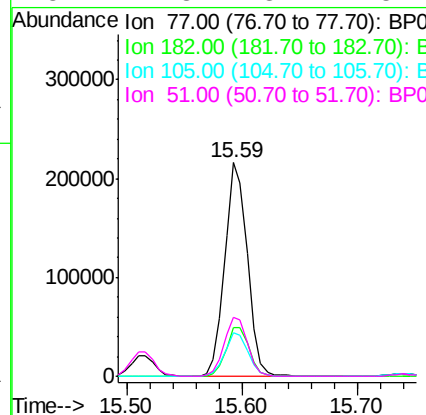
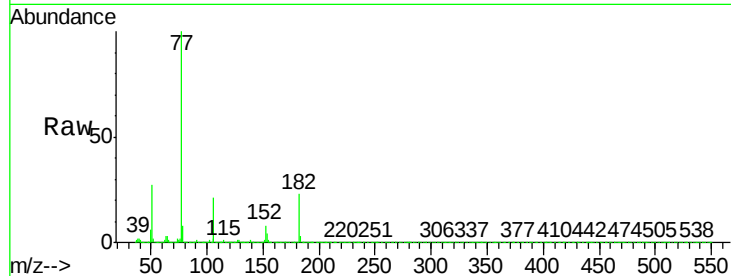
#63
Azobenzene
Concen: 11.123 ng
RT: 15.59 min Scan# 2160
Delta R.T. -0.01 min
Lab File: BP002402.D
Acq: 12 Jun 2020 17:37

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2020

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		290658		
182	22.8	6.0	46.0		
105	20.7	1.3	41.3		
51	27.3	8.7	48.7		

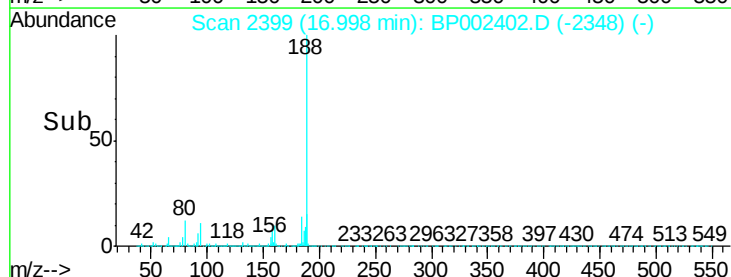
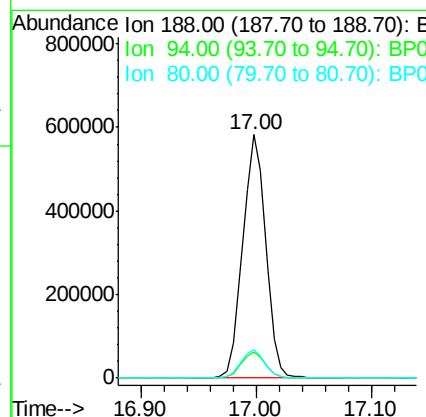
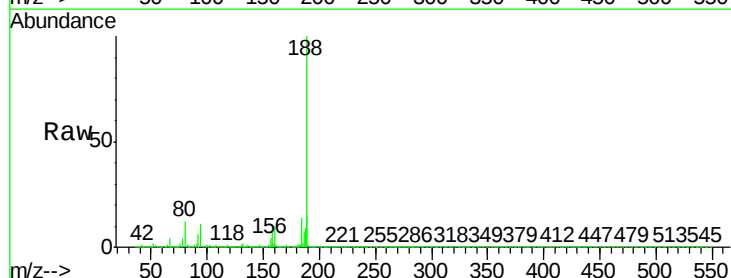
Manual Integrations
APPROVED

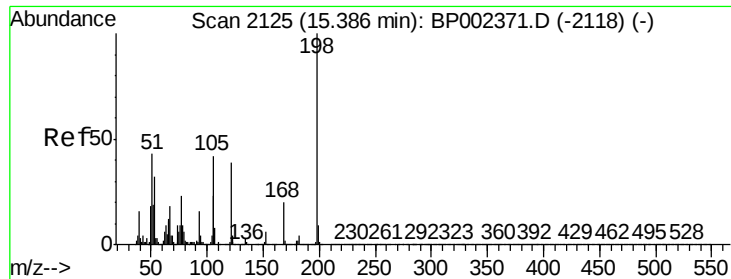
mohammad
6/15/2020 8:47:11 AM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.00 min Scan# 2399
Delta R.T. 0.00 min
Lab File: BP002402.D
Acq: 12 Jun 2020 17:37

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		806795		
94	10.6	8.5	12.7		
80	11.5	9.4	14.0		





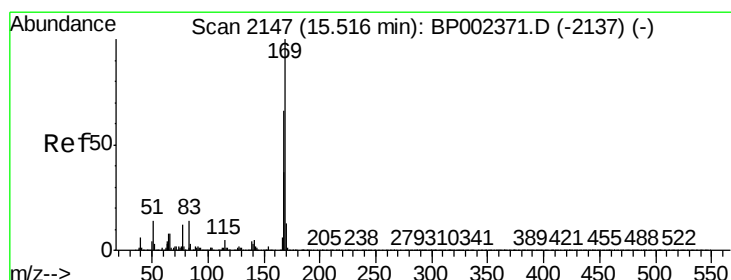
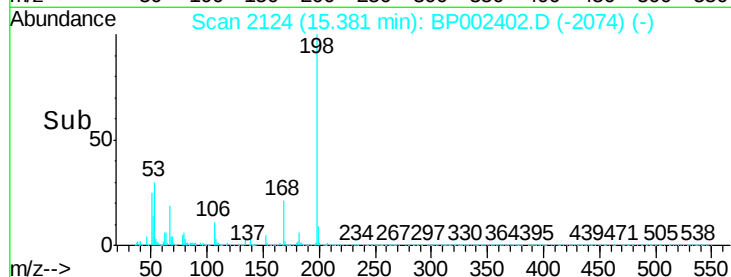
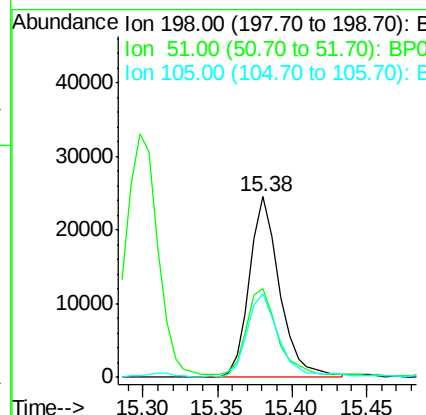
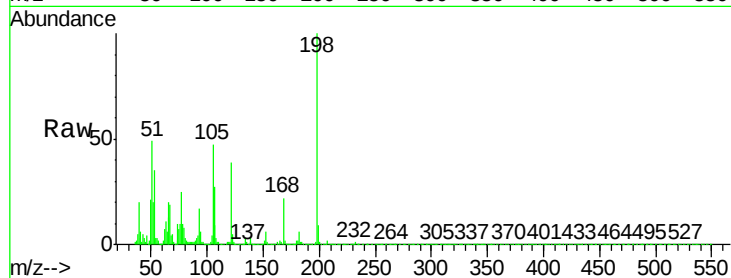
#65
4,6-Dinitro-2-methylphenol
Concen: 8.104 ng
RT: 15.38 min Scan# 2124
Delta R.T. -0.01 min
Lab File: BP002402.D
Acq: 12 Jun 2020 17:37

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2020

Tot Ion	Ratio	Lower	Upper
198	100		
51	48.9	23.4	63.4
105	46.5	22.5	62.5

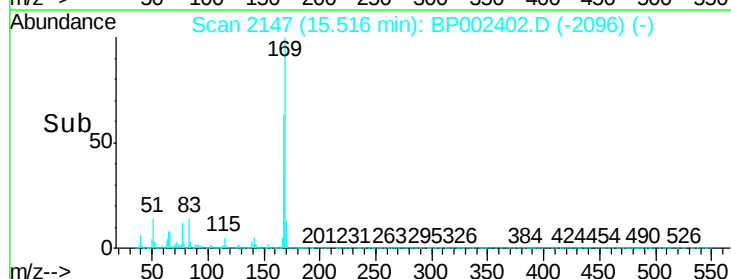
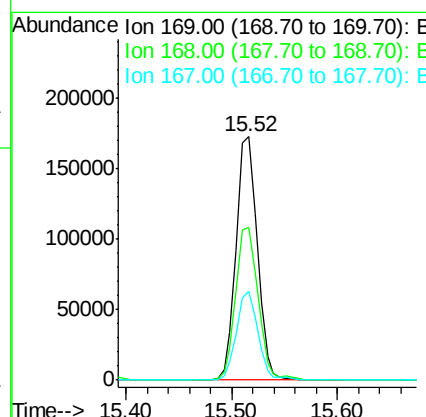
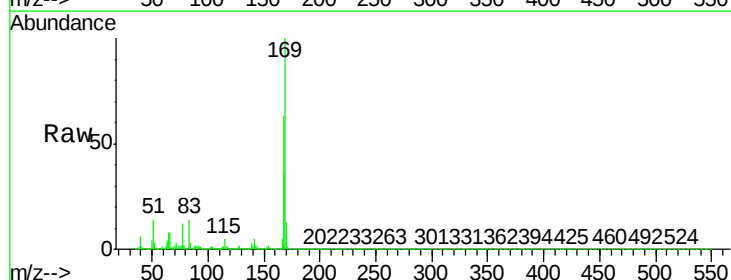
Manual Integrations
APPROVED

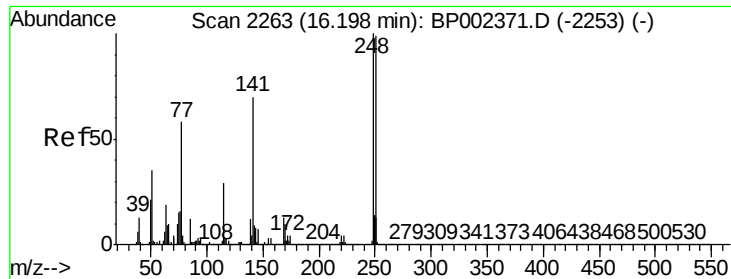
mohammad
6/15/2020 8:47:11 AM



#66
n-Nitrosodiphenylamine
Concen: 11.592 ng
RT: 15.52 min Scan# 2147
Delta R.T. 0.00 min
Lab File: BP002402.D
Acq: 12 Jun 2020 17:37

Tgt Ion	Ratio	Lower	Upper
169	100		
168	62.8	52.8	79.2
167	36.5	29.4	44.0





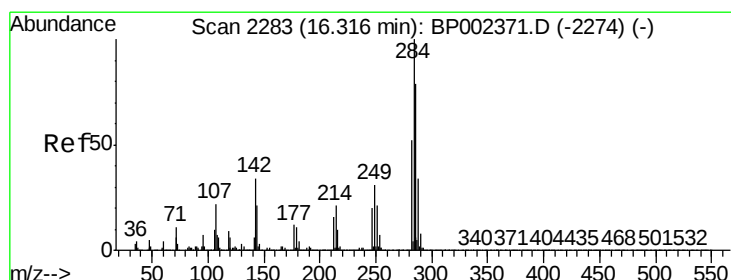
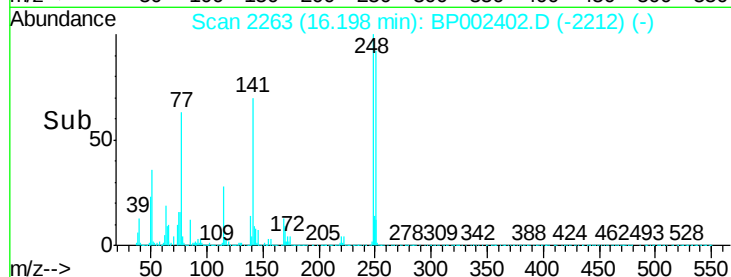
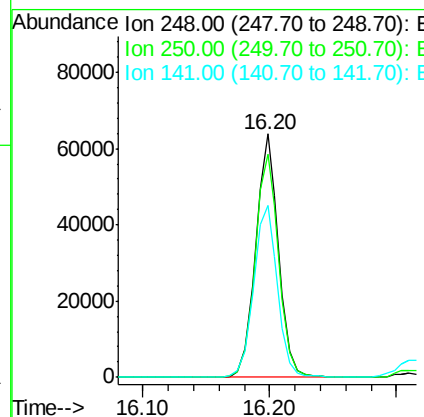
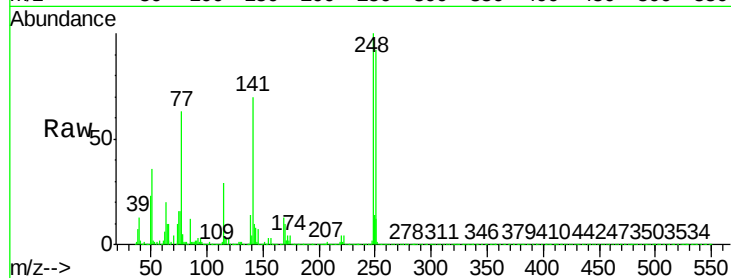
#67
4-Bromophenyl-phenylether
Concen: 10.445 ng
RT: 16.20 min Scan# 2263
Delta R.T. 0.00 min
Lab File: BP002402.D
Acq: 12 Jun 2020 17:37

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2020

Tot Ion	Ratio	Lower	Upper
248	100		
250	91.8	79.3	118.9
141	70.5	55.7	83.5

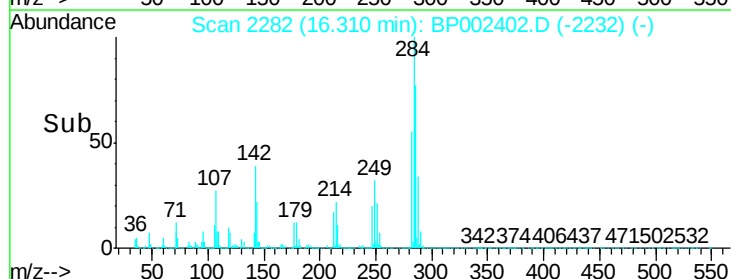
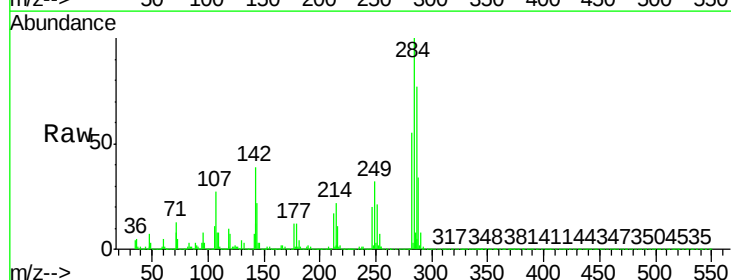
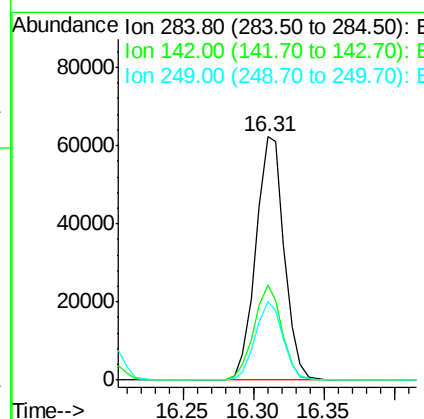
Manual Integrations
APPROVED

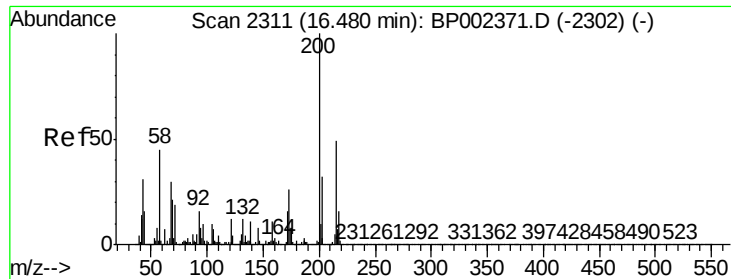
mohammad
6/15/2020 8:47:11 AM



#68
Hexachlorobenzene
Concen: 10.882 ng
RT: 16.31 min Scan# 2282
Delta R.T. -0.01 min
Lab File: BP002402.D
Acq: 12 Jun 2020 17:37

Tgt Ion	Ratio	Lower	Upper
284	100		
142	38.9	27.4	41.0
249	32.2	24.9	37.3





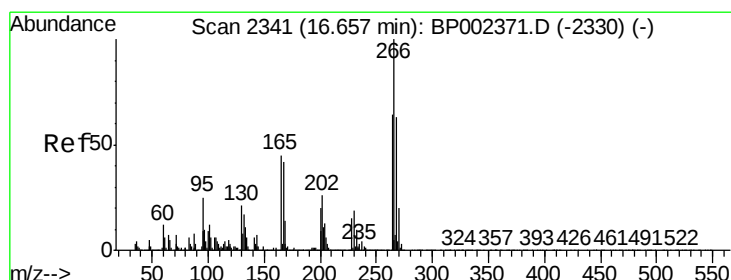
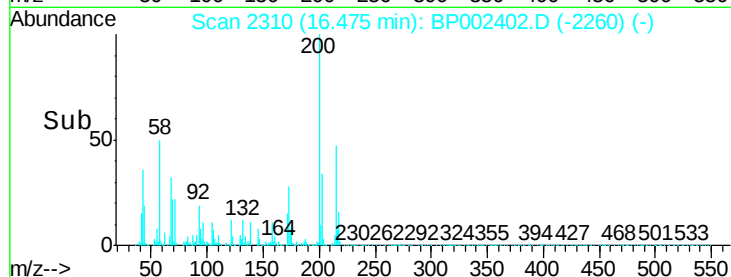
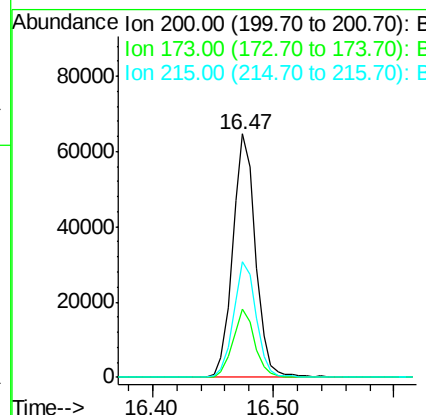
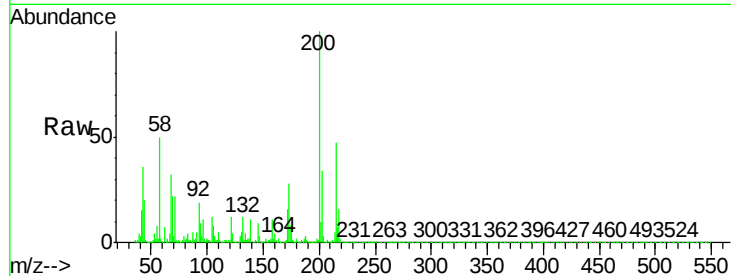
#69
Atrazine
Concen: 12.575 ng
RT: 16.47 min Scan# 2310
Delta R.T. -0.01 min
Lab File: BP002402.D
Acq: 12 Jun 2020 17:37

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2020

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.9	6.4	46.4
215	47.4	29.3	69.3

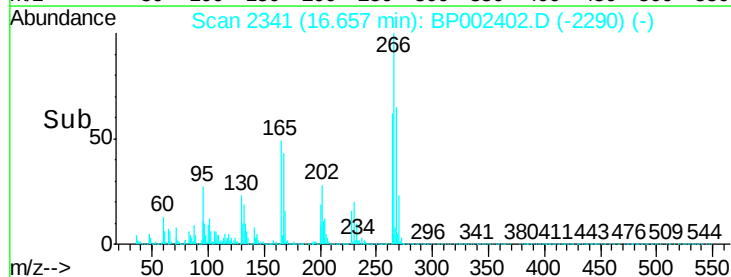
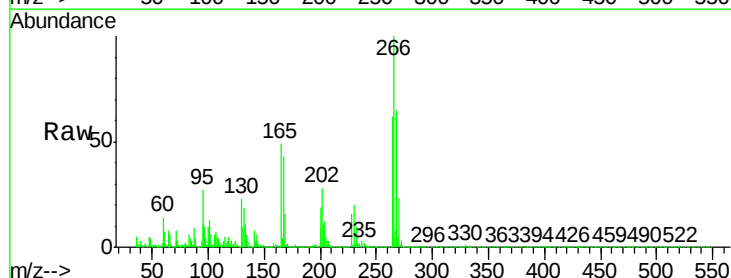
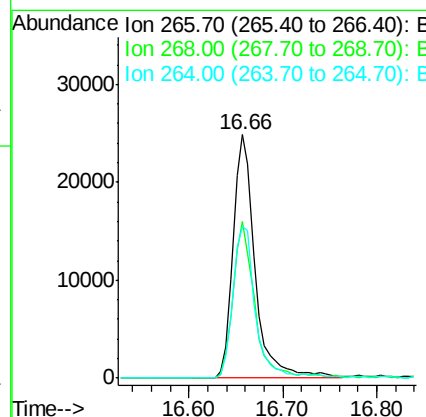
Manual Integrations
APPROVED

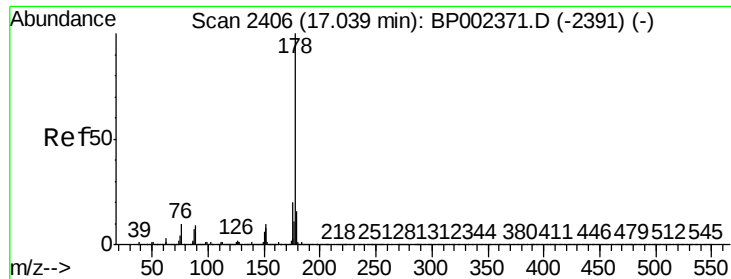
mohammad
6/15/2020 8:47:11 AM



#70
Pentachlorophenol
Concen: 8.305 ng
RT: 16.66 min Scan# 2341
Delta R.T. 0.00 min
Lab File: BP002402.D
Acq: 12 Jun 2020 17:37

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.5	50.5	75.7
264	62.0	51.4	77.0





#71

Phenanthrene

Concen: 11.617 ng

RT: 17.04 min Scan# 2406

Delta R.T. 0.00 min

Lab File: BP002402.D

Acq: 12 Jun 2020 17:37

Instrument :

BNA_P

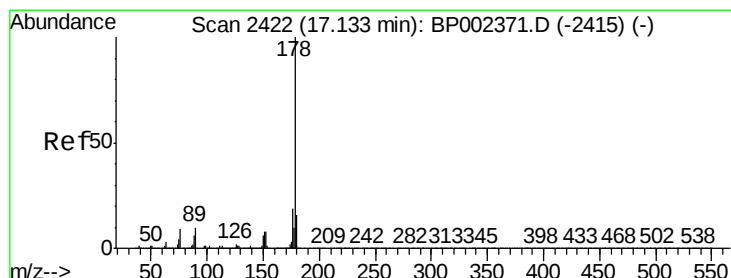
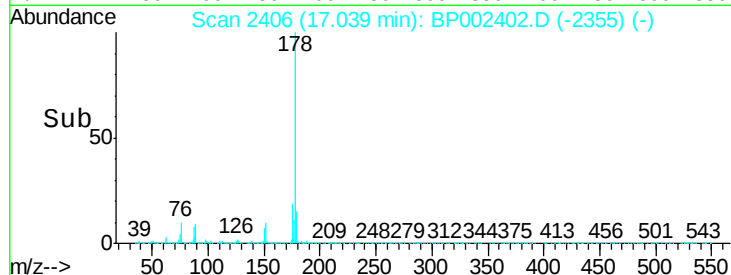
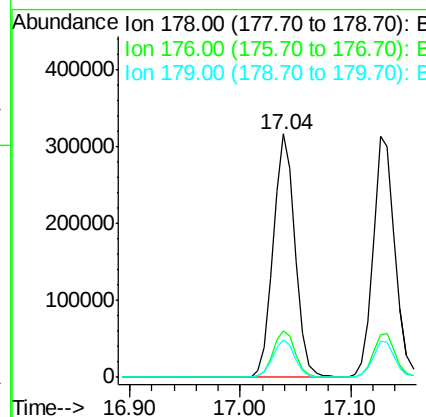
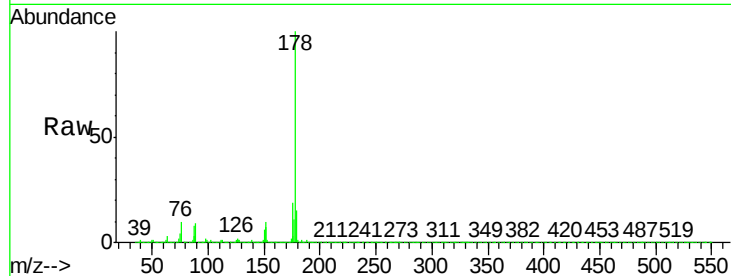
ClientSampleId :

LOQ-SOIL-02-QT2-2020

Tot Ion:	178	Resp:	438436
Ion Ratio	Lower	Upper	
178	100		
176	19.2	15.8	23.6
179	15.3	12.5	18.7

Manual Integrations
APPROVED

mohammad
6/15/2020 8:47:11 AM



#72

Anthracene

Concen: 11.571 ng

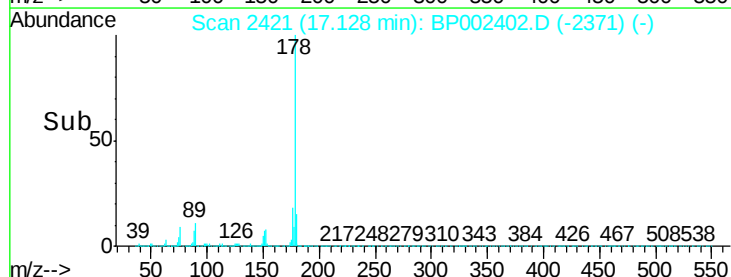
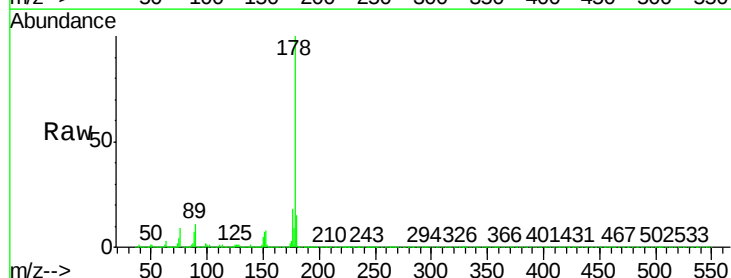
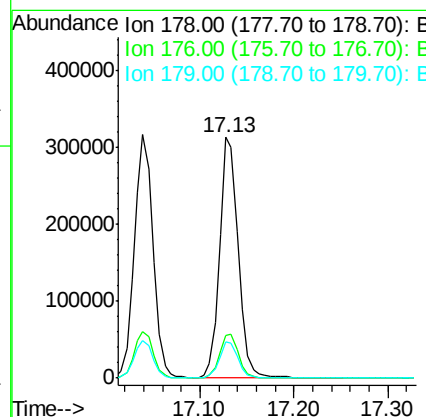
RT: 17.13 min Scan# 2421

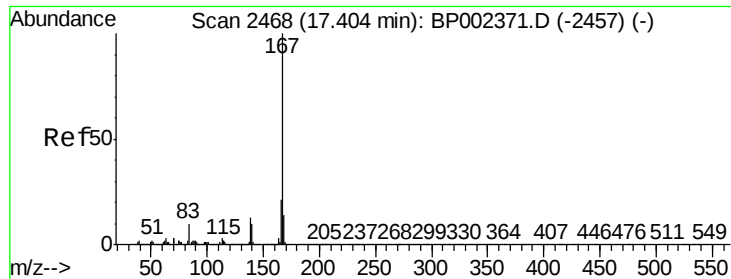
Delta R.T. -0.01 min

Lab File: BP002402.D

Acq: 12 Jun 2020 17:37

Tgt Ion:	178	Resp:	433822
Ion Ratio	Lower	Upper	
178	100		
176	17.7	15.5	23.3
179	15.2	13.0	19.4





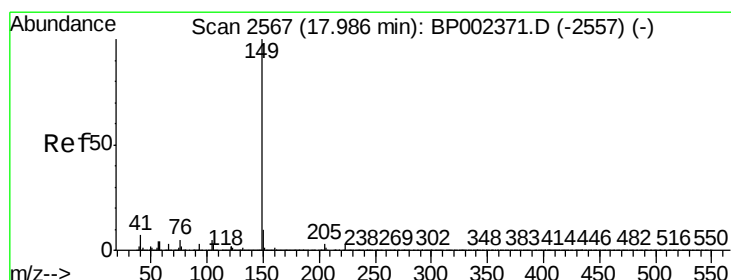
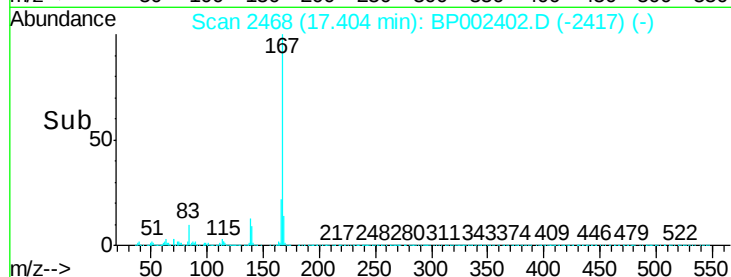
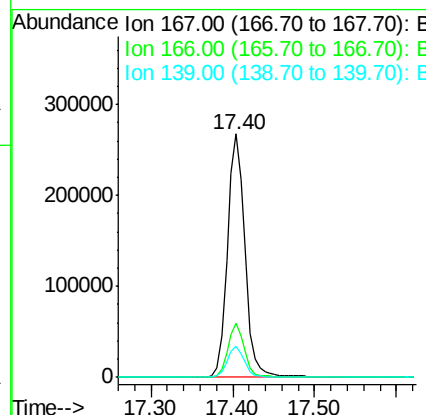
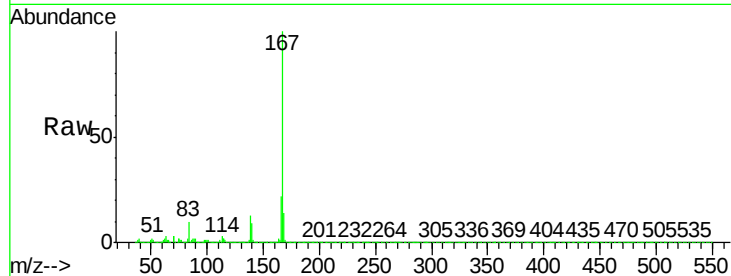
#73
 Carbazole
 Concen: 10.762 ng
 RT: 17.40 min Scan# 2468
 Delta R.T. 0.00 min
 Lab File: BP002402.D
 Acq: 12 Jun 2020 17:37

Instrument :
 BNA_P
 ClientSampleId :
 LOQ-SOIL-02-QT2-2020

Tot Ion	Ratio	Resp	Lower	Upper
167	100			
166	22.4	17.1	25.7	
139	12.9	10.3	15.5	

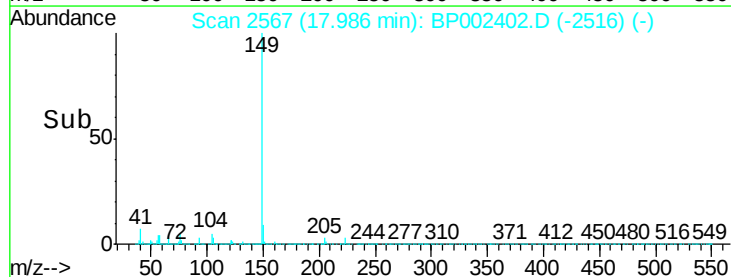
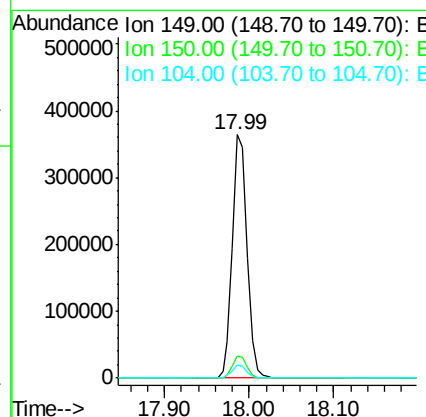
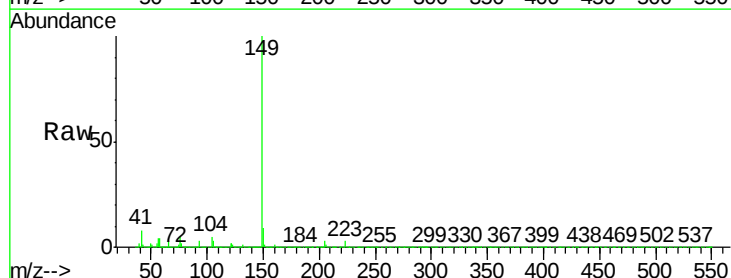
Manual Integrations
 APPROVED

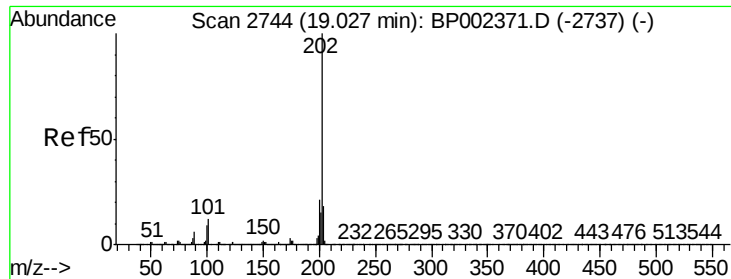
mohammad
 6/15/2020 8:47:11 AM



#74
 Di-n-butylphthalate
 Concen: 9.971 ng
 RT: 17.99 min Scan# 2567
 Delta R.T. 0.00 min
 Lab File: BP002402.D
 Acq: 12 Jun 2020 17:37

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
150	9.2	7.7	11.5	
104	5.3	4.3	6.5	





#75

Fluoranthene

Concen: 10.956 ng

RT: 19.02 min Scan# 2743

Delta R.T. -0.01 min

Lab File: BP002402.D

Acq: 12 Jun 2020 17:37

Instrument :

BNA_P

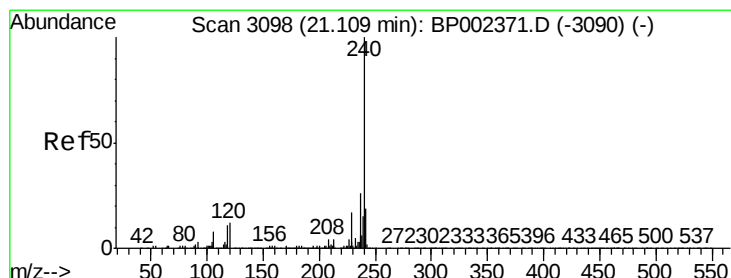
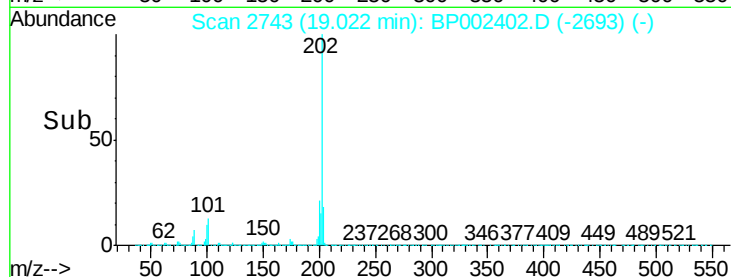
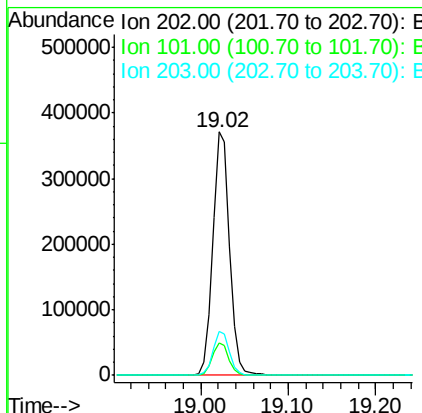
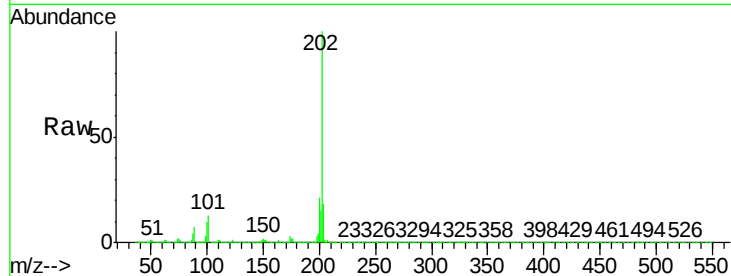
ClientSampleId :

LOQ-SOIL-02-QT2-2020

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	13.3	0.0	31.8
203	18.1	0.0	38.0

Manual Integrations
APPROVED

mohammad
6/15/2020 8:47:11 AM



#76

Chrysene-d12

Concen: 20.000 ng

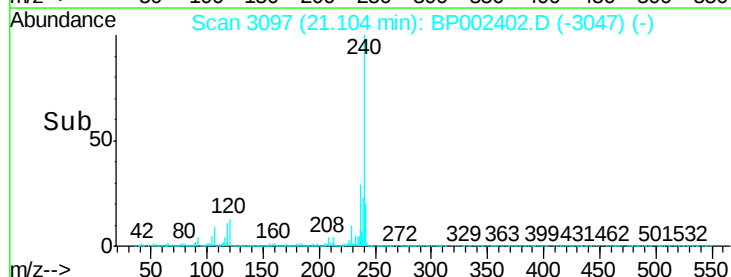
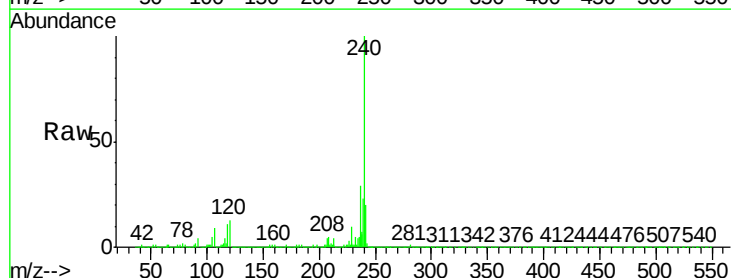
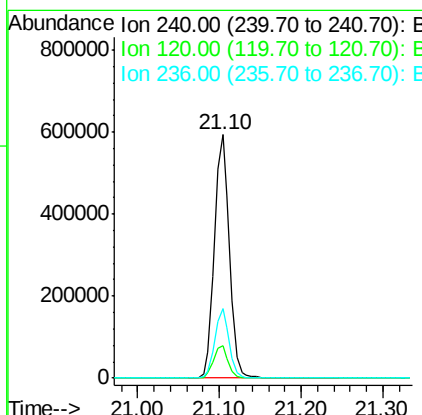
RT: 21.10 min Scan# 3097

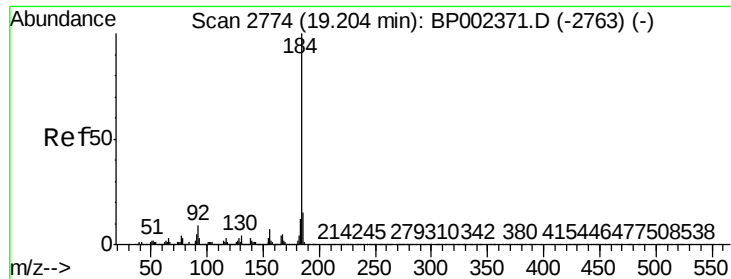
Delta R.T. -0.01 min

Lab File: BP002402.D

Acq: 12 Jun 2020 17:37

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	13.5	9.3	13.9
236	28.6	21.0	31.6





#77

Benzidine

Concen: 13.182 ng

RT: 19.21 min Scan# 2775

Delta R.T. 0.01 min

Lab File: BP002402.D

Acq: 12 Jun 2020 17:37

Instrument :

BNA_P

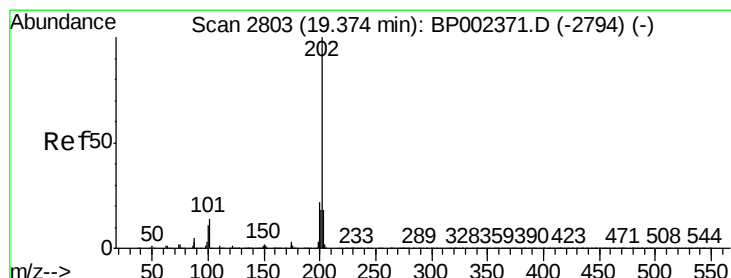
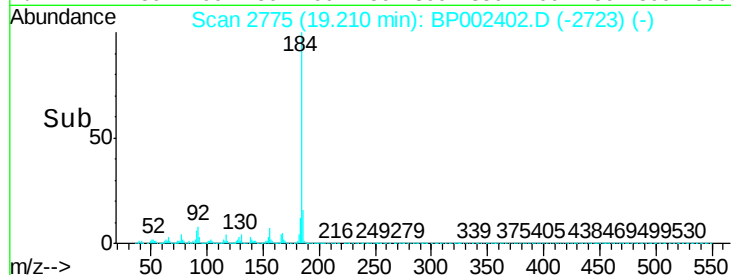
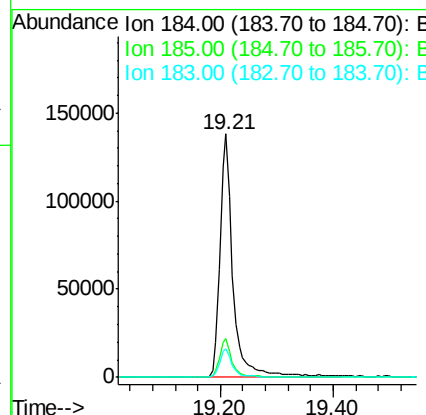
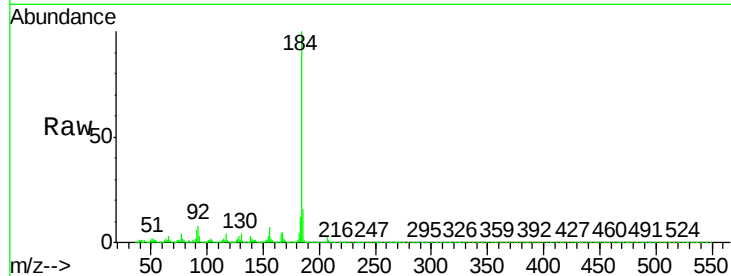
ClientSampleId :

LOQ-SOIL-02-QT2-2020

Tot Ion:	184	Resp:	223774
Ion Ratio	Lower	Upper	
184	100		
185	15.8	11.8	17.8
183	11.8	9.2	13.8

Manual Integrations
APPROVED

mohammad
6/15/2020 8:47:11 AM



#78

Pyrene

Concen: 11.284 ng

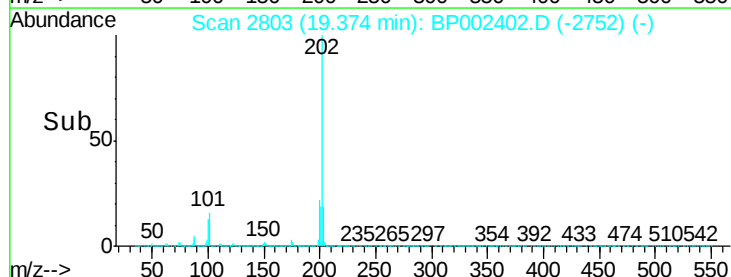
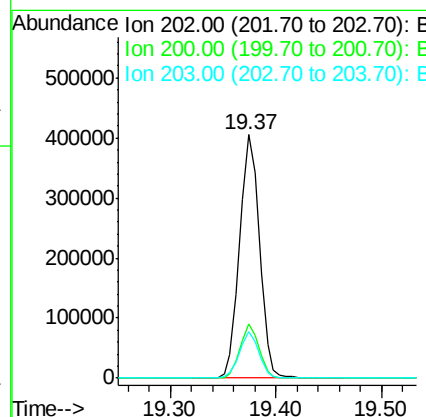
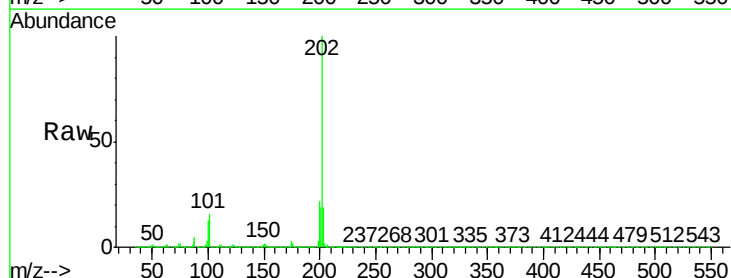
RT: 19.37 min Scan# 2803

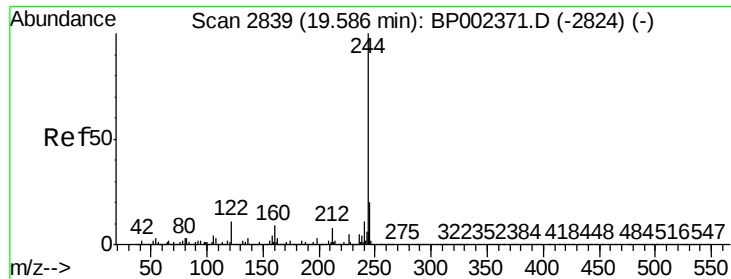
Delta R.T. 0.00 min

Lab File: BP002402.D

Acq: 12 Jun 2020 17:37

Tgt Ion:	202	Resp:	525078
Ion Ratio	Lower	Upper	
202	100		
200	22.2	17.7	26.5
203	19.2	14.6	22.0





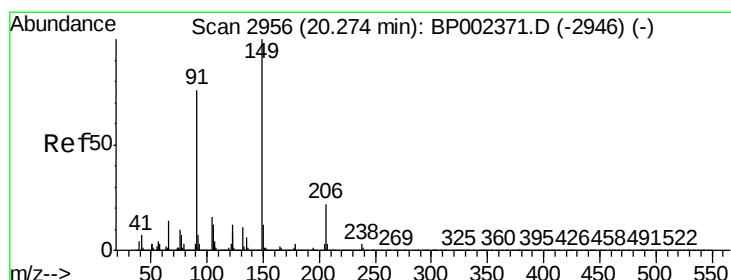
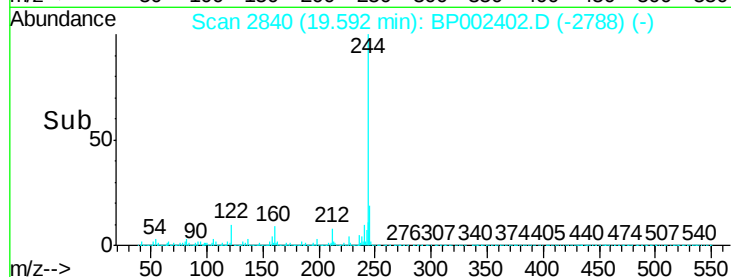
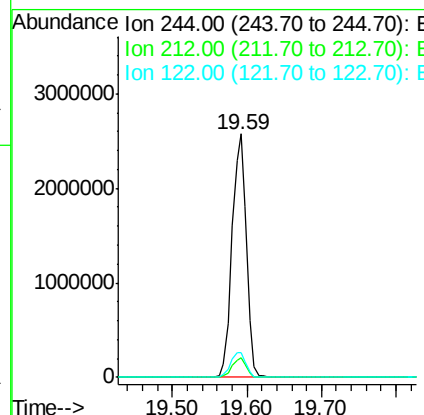
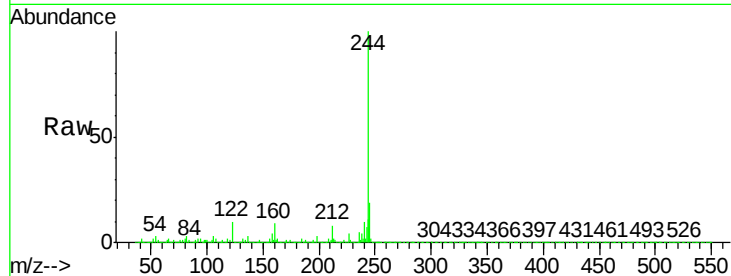
#79
 Terphenyl-d14
 Concen: 119.427 ng
 RT: 19.59 min Scan# 2840
 Delta R.T. 0.01 min
 Lab File: BP002402.D
 Acq: 12 Jun 2020 17:37

Instrument :
 BNA_P
 ClientSampleId :
 LOQ-SOIL-02-QT2-2020

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.6	10.0
122	10.0	8.8	13.2

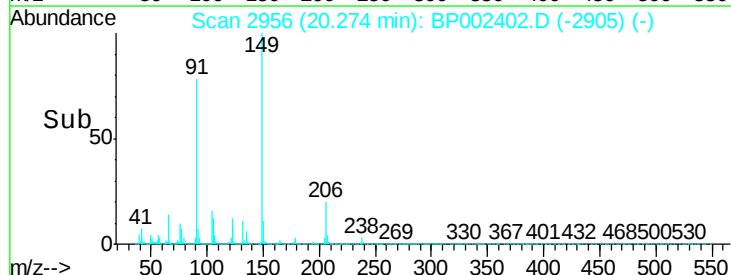
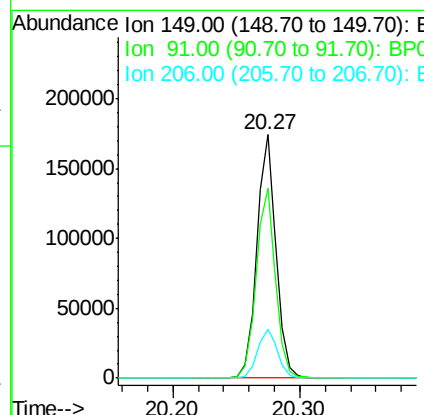
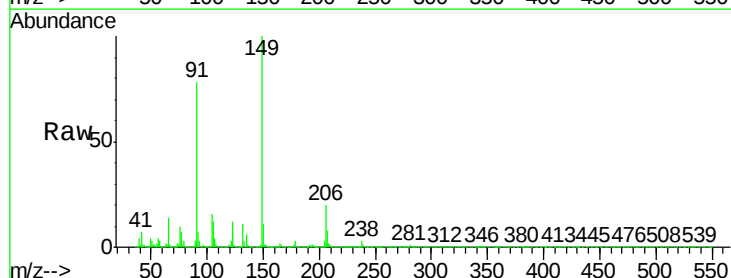
Manual Integrations
 APPROVED

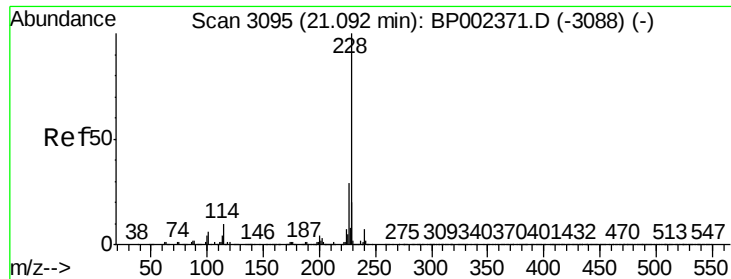
mohammad
 6/15/2020 8:47:11 AM



#80
 Butylbenzylphthalate
 Concen: 8.910 ng
 RT: 20.27 min Scan# 2956
 Delta R.T. 0.00 min
 Lab File: BP002402.D
 Acq: 12 Jun 2020 17:37

Tgt Ion	Ratio	Lower	Upper
149	100		
91	77.9	61.2	91.8
206	19.9	17.8	26.6





#81

Benzo(a)anthracene

Concen: 11.651 ng

RT: 21.09 min Scan# 3094

Delta R.T. -0.01 min

Lab File: BP002402.D

Acq: 12 Jun 2020 17:37

Instrument :

BNA_P

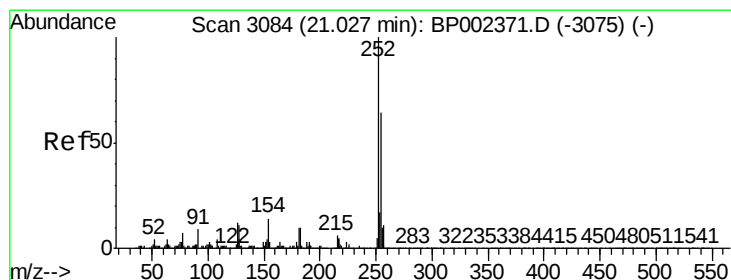
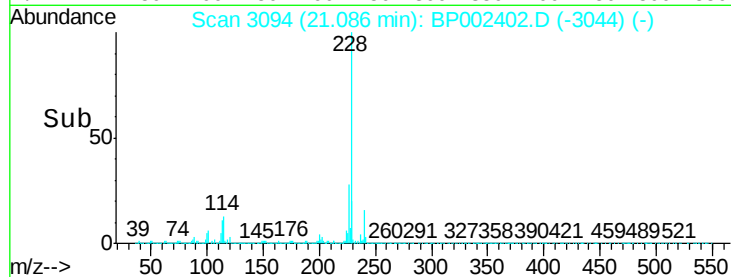
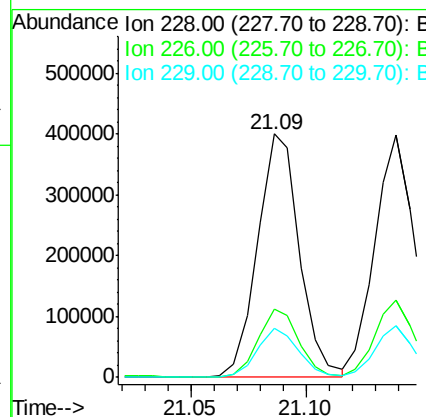
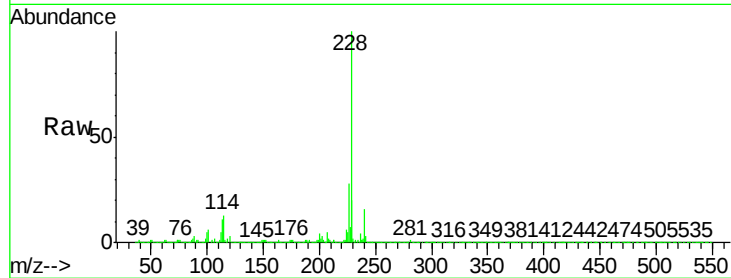
ClientSampleId :

LOQ-SOIL-02-QT2-2020

Tot Ion:	228	Resp:	505241
Ion Ratio		Lower	Upper
228	100		
226	28.0	22.8	34.2
229	20.1	16.2	24.2

Manual Integrations
APPROVED

mohammad
6/15/2020 8:47:11 AM



#82

3,3'-Dichlorobenzidine

Concen: 11.689 ng

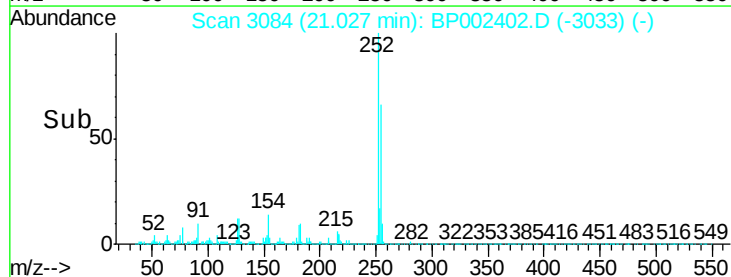
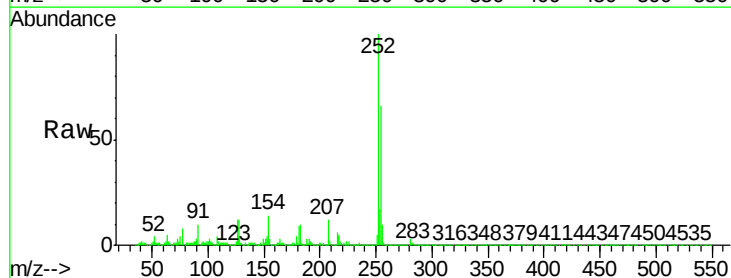
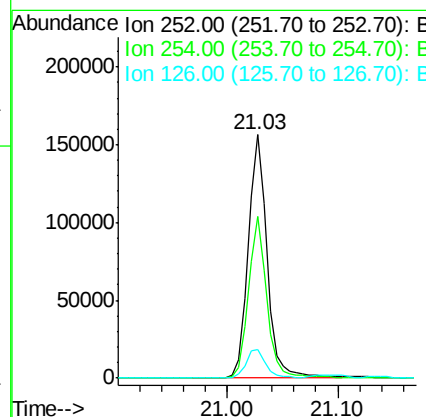
RT: 21.03 min Scan# 3084

Delta R.T. 0.00 min

Lab File: BP002402.D

Acq: 12 Jun 2020 17:37

Tgt Ion:	252	Resp:	188367
Ion Ratio		Lower	Upper
252	100		
254	66.4	51.4	77.2
126	11.9	9.2	13.8





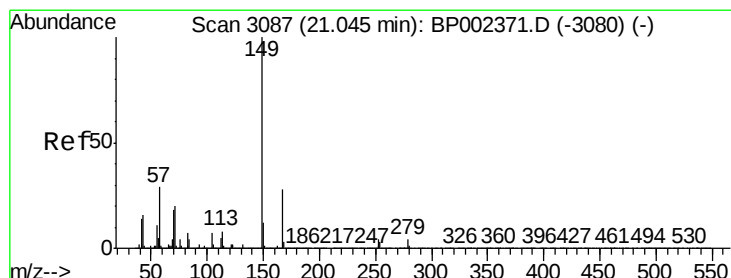
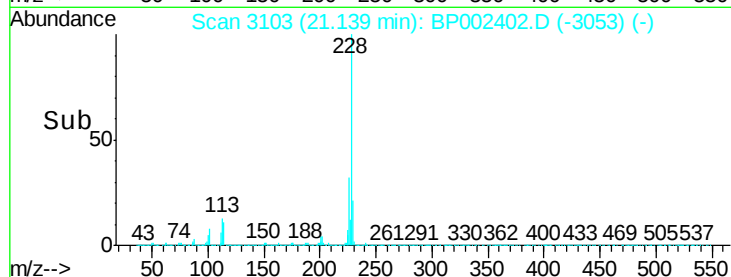
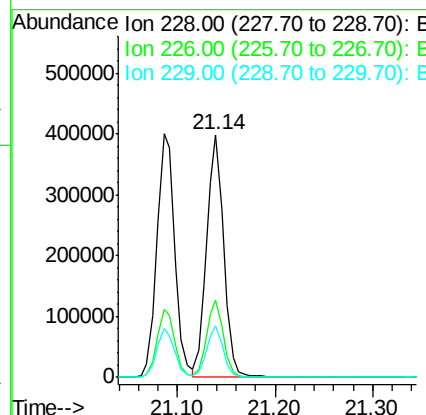
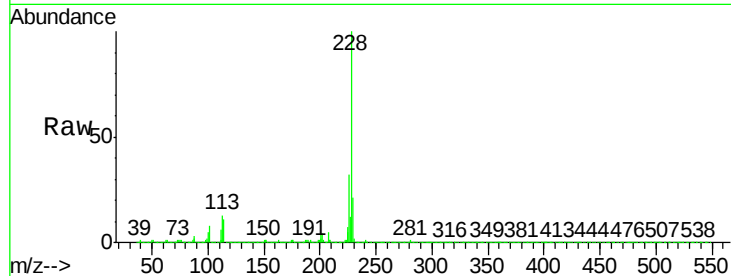
#83
Chrysene
Concen: 11.780 ng
RT: 21.14 min Scan# 3103
Delta R.T. -0.01 min
Lab File: BP002402.D
Acq: 12 Jun 2020 17:37

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2020

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.8	25.2	37.8
229	21.3	16.1	24.1

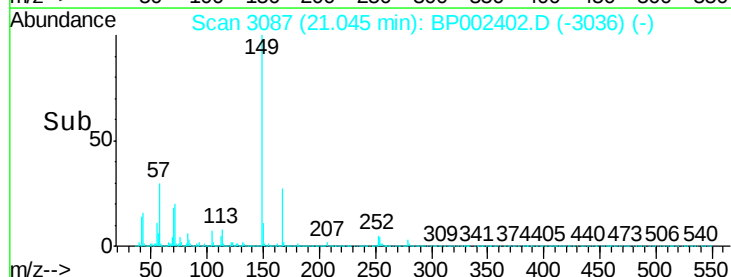
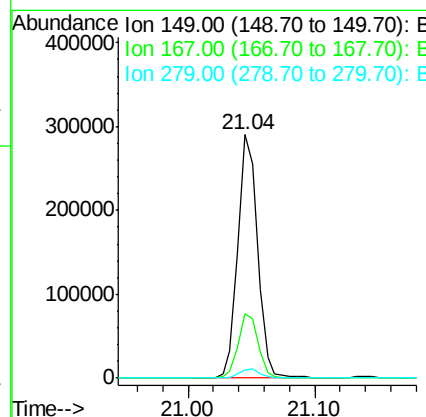
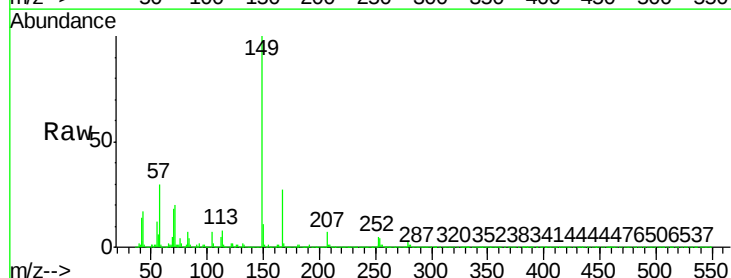
Manual Integrations
APPROVED

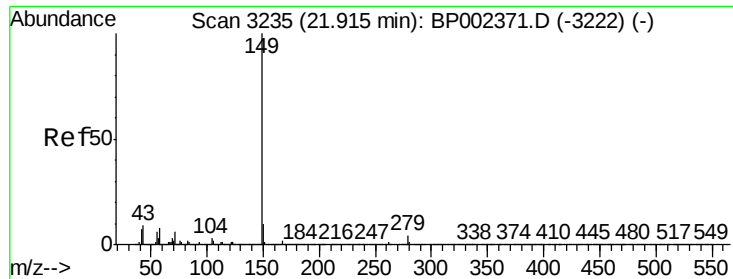
mohammad
6/15/2020 8:47:11 AM



#84
Bis(2-ethylhexyl)phthalate
Concen: 10.284 ng
RT: 21.04 min Scan# 3087
Delta R.T. 0.00 min
Lab File: BP002402.D
Acq: 12 Jun 2020 17:37

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.5	22.3	33.5
279	3.4	3.2	4.8





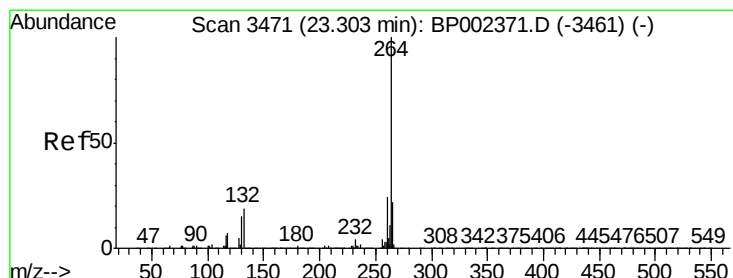
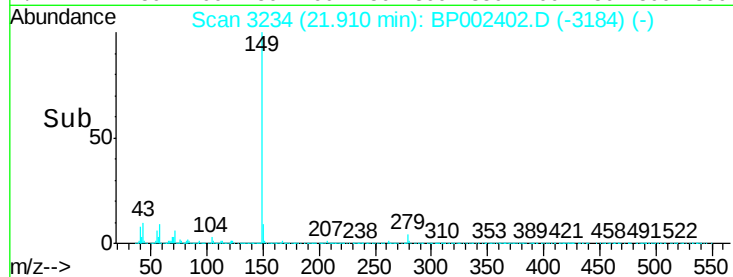
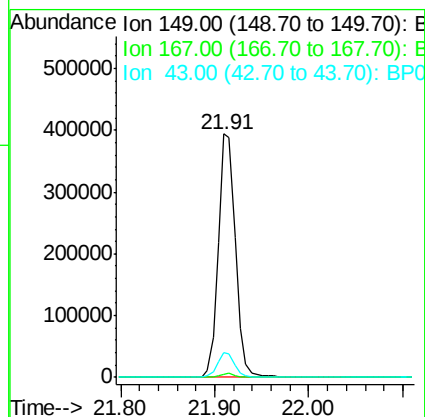
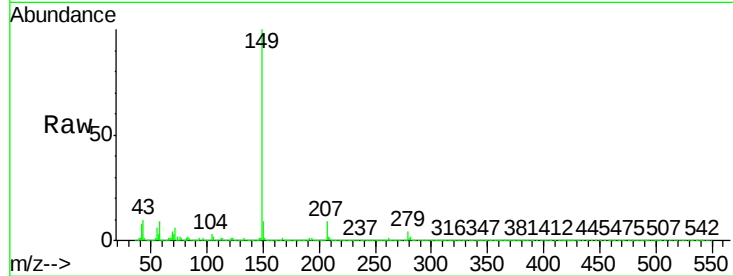
#85
Di-n-octyl phthalate
Concen: 9.531 ng
RT: 21.91 min Scan# 3234
Delta R.T. -0.01 min
Lab File: BP002402.D
Acq: 12 Jun 2020 17:37

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2020

Tot Ion	Ratio	Resp	Lower	Upper
149	100	502991		
167	1.5		1.3	1.9
43	10.0		7.8	11.6

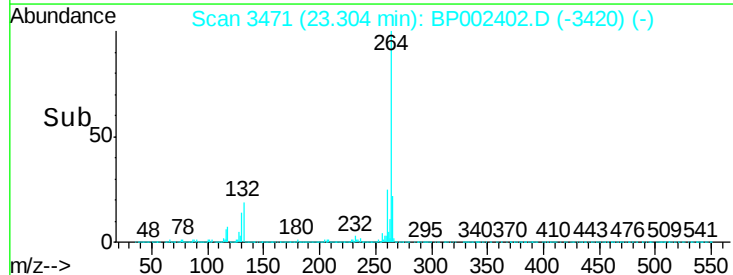
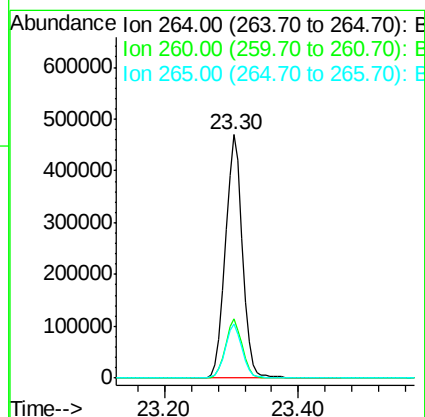
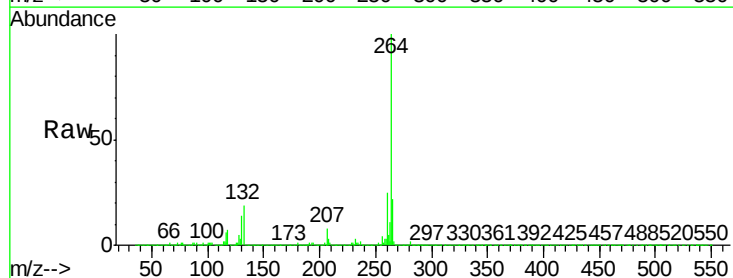
Manual Integrations
APPROVED

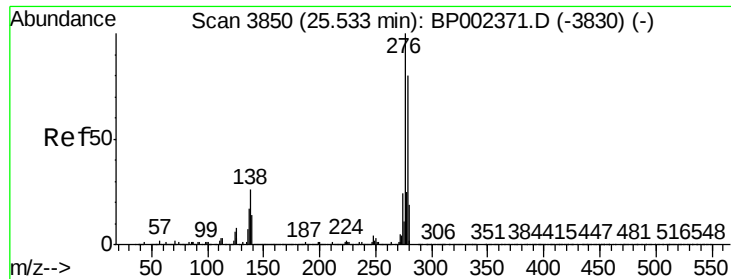
mohammad
6/15/2020 8:47:11 AM



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.30 min Scan# 3471
Delta R.T. 0.00 min
Lab File: BP002402.D
Acq: 12 Jun 2020 17:37

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	850892		
260	24.6		19.4	29.0
265	22.2		17.4	26.2





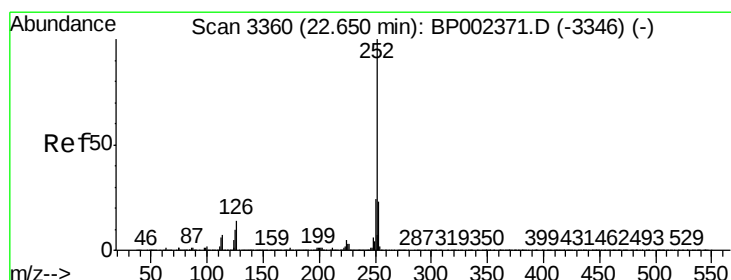
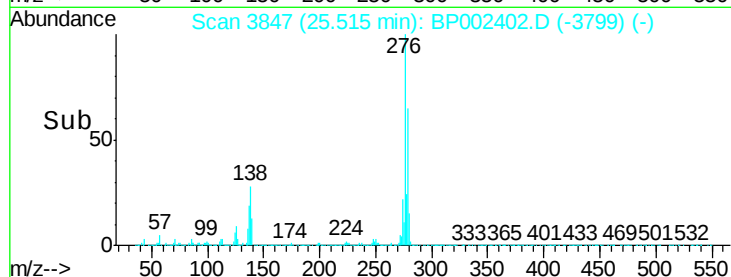
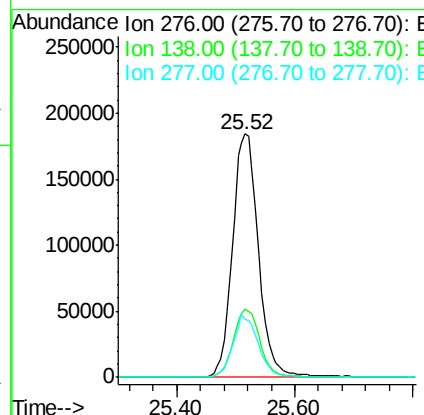
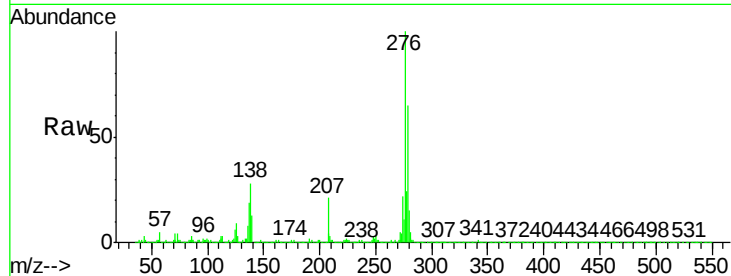
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 10.611 ng
 RT: 25.52 min Scan# 3847
 Delta R.T. -0.02 min
 Lab File: BP002402.D
 Acq: 12 Jun 2020 17:37

Instrument :
 BNA_P
 ClientSampleId :
 LOQ-SOIL-02-QT2-2020

Tot Ion:	276	Resp:	564709
Ion Ratio		Lower	Upper
276	100		
138	28.9	21.2	31.8
277	25.0	20.3	30.5

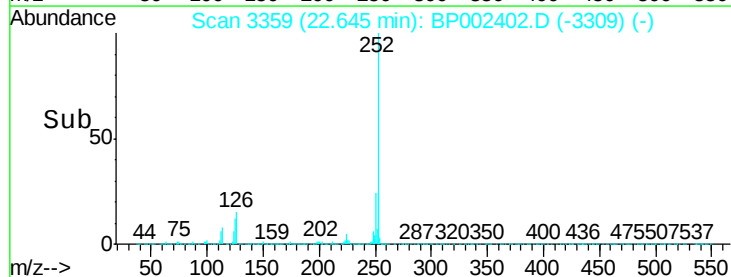
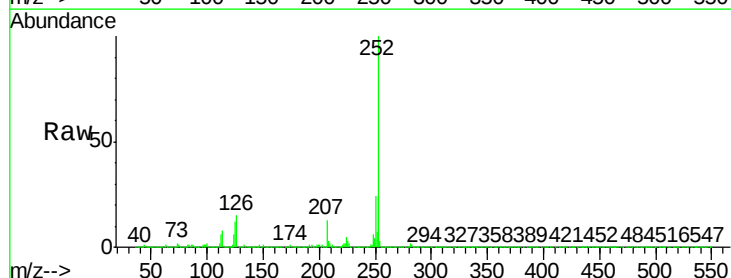
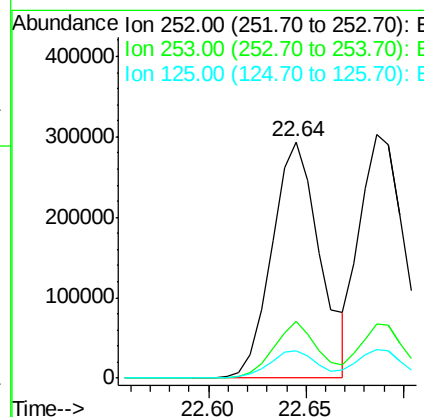
Manual Integrations
 APPROVED

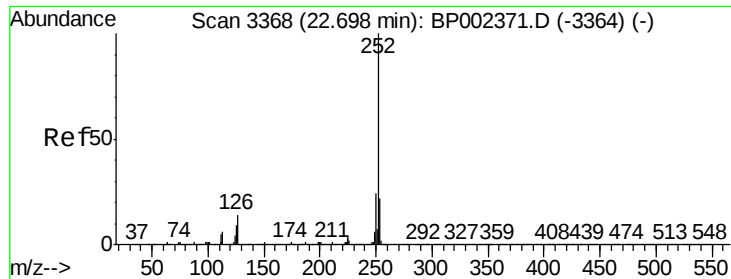
mohammad
 6/15/2020 8:47:11 AM



#88
 Benzo(b)fluoranthene
 Concen: 10.899 ng
 RT: 22.64 min Scan# 3359
 Delta R.T. -0.01 min
 Lab File: BP002402.D
 Acq: 12 Jun 2020 17:37

Tgt Ion:	252	Resp:	500102
Ion Ratio		Lower	Upper
252	100		
253	23.8	18.1	27.1
125	11.6	8.2	12.2





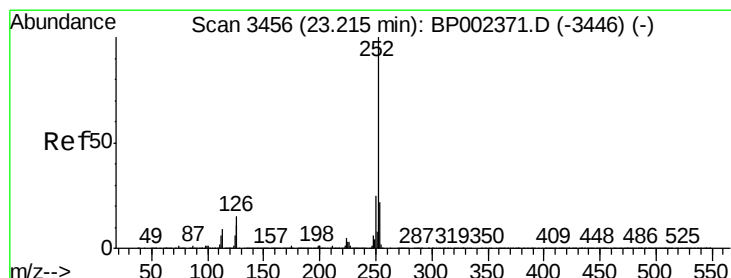
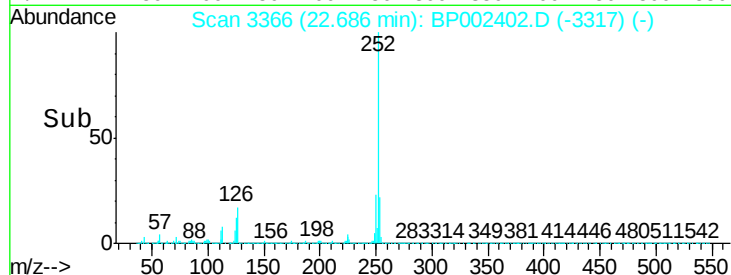
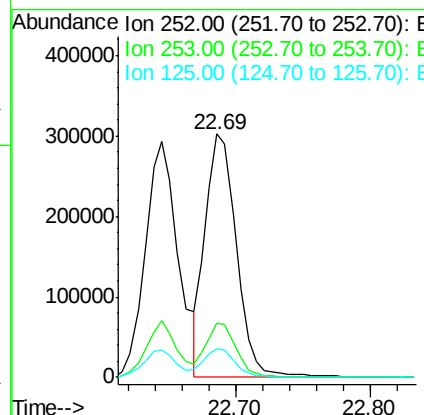
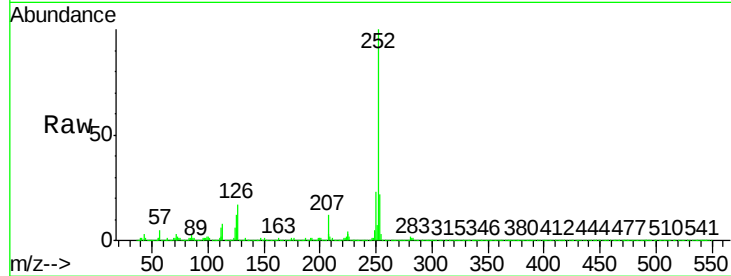
#89
Benzo(k)fluoranthene
Concen: 11.233 ng m
RT: 22.69 min Scan# 3366
Delta R.T. -0.01 min
Lab File: BP002402.D
Acq: 12 Jun 2020 17:37

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2020

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.6
125	11.9	7.8	11.8

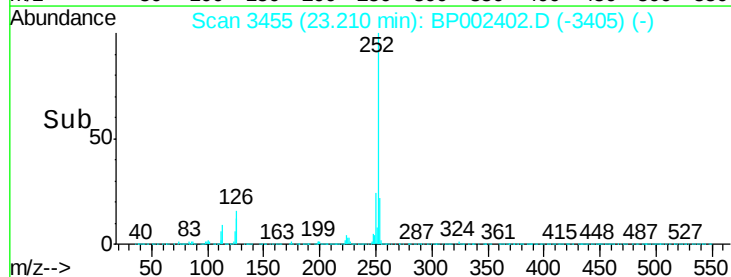
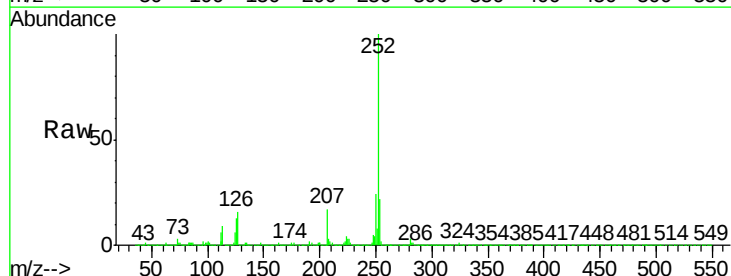
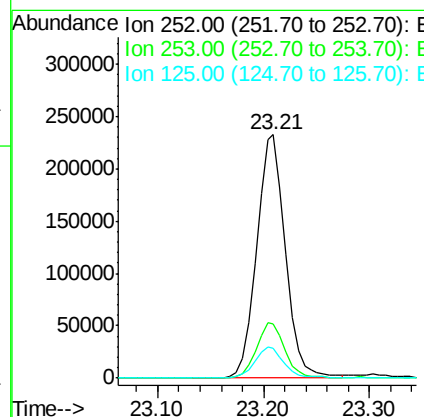
Manual Integrations
APPROVED

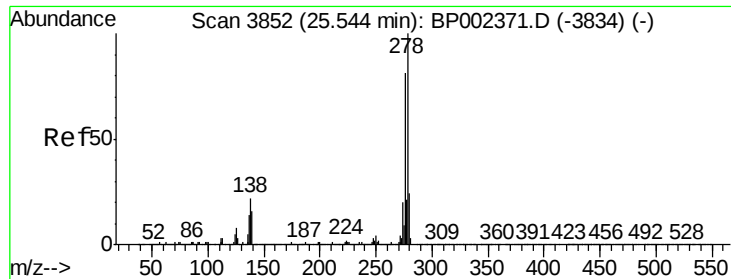
mohammad
6/15/2020 8:47:11 AM



#90
Benzo(a)pyrene
Concen: 10.209 ng
RT: 23.21 min Scan# 3455
Delta R.T. -0.01 min
Lab File: BP002402.D
Acq: 12 Jun 2020 17:37

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.8
125	12.5	9.2	13.8





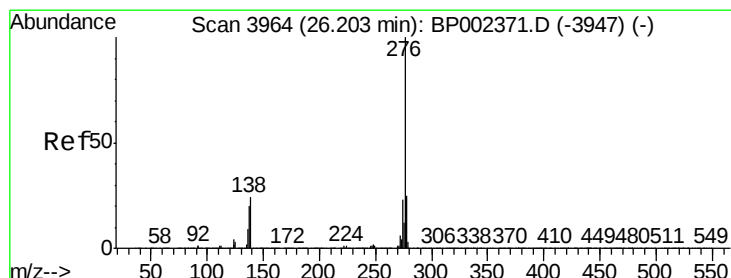
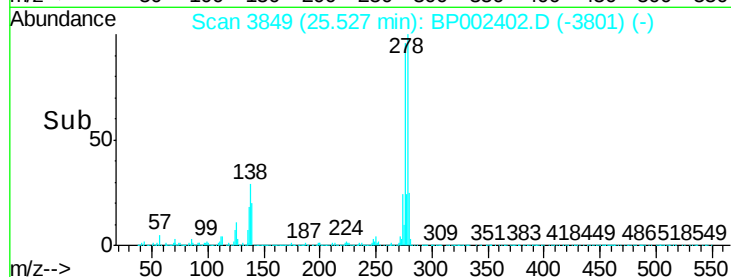
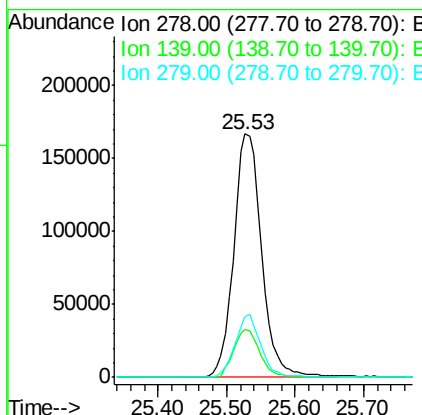
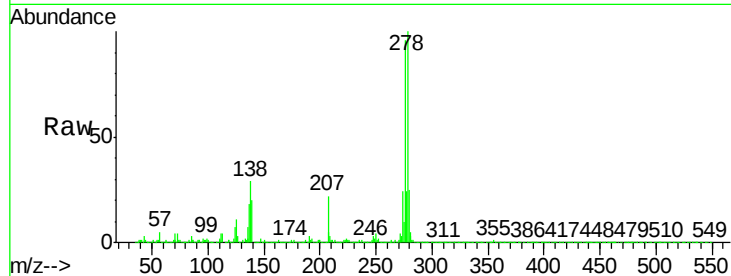
#91
Dibenzo(a,h)anthracene
Concen: 11.028 ng
RT: 25.53 min Scan# 3849
Delta R.T. -0.02 min
Lab File: BP002402.D
Acq: 12 Jun 2020 17:37

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2020

Tot Ion	Ratio	Lower	Upper
278	100		
139	19.9	13.1	19.7#
279	24.9	18.9	28.3

Manual Integrations
APPROVED

mohammad
6/15/2020 8:47:11 AM



#92
Benzo(g,h,i)perylene
Concen: 10.797 ng
RT: 26.19 min Scan# 3961
Delta R.T. -0.02 min
Lab File: BP002402.D
Acq: 12 Jun 2020 17:37

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.7	19.8	29.6
138	25.8	19.2	28.8

