

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP070620\
 Data File : BP002643.D
 Acq On : 06 Jul 2020 11:54
 Operator : CG/JU
 Sample : L2182-01
 Misc : LOD-MDL-SOIL-01-4PPM
 ALS Vial : 5 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

Sohil
 7/7/2020 8:21:48 AM

Quant Time: Jul 06 14:32:14 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP062920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 29 16:51:57 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	213619	20.00	ng	0.00
21) Naphthalene-d8	10.34	136	758983	20.00	ng	0.00
39) Acenaphthene-d10	14.22	164	440566	20.00	ng	0.00
64) Phenanthrene-d10	16.97	188	881393	20.00	ng	0.00
76) Chrysene-d12	21.09	240	931509	20.00	ng	0.00
86) Perylene-d12	23.28	264	1044619	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.19	112	1378110	109.23	ng	0.00
7) Phenol-d6	6.76	99	1760220	99.96	ng	0.00
23) Nitrobenzene-d5	8.72	82	1553275	105.45	ng	0.00
42) 2,4,6-Tribromophenol	15.72	330	638834	119.22	ng	0.00
45) 2-Fluorobiphenyl	12.83	172	3288514	109.86	ng	0.00
79) Terphenyl-d14	19.57	244	4037925	93.57	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.15	88	21299	3.939	ng	98
3) Pyridine	3.53	79	46971	2.931	ng	97
4) n-Nitrosodimethylamine	3.45	42	19568	2.876	ng	# 98
6) Aniline	6.90	93	79019	3.572	ng	98
8) 2-Chlorophenol	7.14	128	51562	3.679	ng	96
9) Benzaldehyde	6.72	77	45758	3.917	ng	97
10) Phenol	6.79	94	63792	3.592	ng	95
11) bis(2-Chloroethyl)ether	7.00	93	49675	3.408	ng	99
12) 1,3-Dichlorobenzene	7.46	146	60603	3.747	ng	96
13) 1,4-Dichlorobenzene	7.60	146	62103	3.769	ng	96
14) 1,2-Dichlorobenzene	7.92	146	58086	3.663	ng	96
15) Benzyl Alcohol	7.82	79	34980	2.644	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.10	45	70363	3.465	ng	98
17) 2-Methylphenol	8.03	107	41026	3.086	ng	92
18) Hexachloroethane	8.63	117	21578	3.629	ng	96
19) n-Nitroso-di-n-propylamine	8.37	70	34931	3.023	ng	99
20) 3+4-Methylphenols	8.35	107	51374	2.867	ng	91
22) Acetophenone	8.39	105	74491	3.878	ng	# 96
24) Nitrobenzene	8.76	77	59431	3.812	ng	98
25) Isophorone	9.28	82	92933	3.148	ng	99
26) 2-Nitrophenol	9.47	139	21905	3.081	ng	97
27) 2,4-Dimethylphenol	9.55	122	42391	3.934	ng	97
28) bis(2-Chloroethoxy)methane	9.77	93	61069	3.601	ng	99
29) 2,4-Dichlorophenol	10.02	162	43204	3.479	ng	98
30) 1,2,4-Trichlorobenzene	10.21	180	55761	3.989	ng	100
31) Naphthalene	10.39	128	154834	3.854	ng	99
32) Benzoic acid	9.70	122	2675m	8.958	ng	
33) 4-Chloroaniline	10.51	127	57813	3.290	ng	98
34) Hexachlorobutadiene	10.69	225	34016	3.975	ng	97
35) Caprolactam	11.25	113	10810	2.590	ng	94
36) 4-Chloro-3-methylphenol	11.66	107	39570	2.907	ng	99
37) 2-Methylnaphthalene	12.02	142	106167	3.624	ng	95
38) 1-Methylnaphthalene	12.23	142	100900	3.657	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.40	216	61715	4.486	ng	97

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP070620\
 Data File : BP002643.D
 Acq On : 06 Jul 2020 11:54
 Operator : CG/JU
 Sample : L2182-01
 Misc : LOD-MDL-SOIL-01-4PPM
 ALS Vial : 5 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

Sohil
 7/7/2020 8:21:48 AM

Quant Time: Jul 06 14:32:14 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP062920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 29 16:51:57 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.38	237	8720	5.529	ng	97
43) 2,4,6-Trichlorophenol	12.65	196	30289	3.254	ng	96
44) 2,4,5-Trichlorophenol	12.73	196	32121	2.998	ng	96
46) 1,1'-Biphenyl	13.05	154	145253	4.359	ng	99
47) 2-Chloronaphthalene	13.08	162	104277	3.844	ng	97
48) 2-Nitroaniline	13.30	65	21091	2.437	ng	99
49) Acenaphthylene	13.93	152	156638	3.669	ng	99
50) Dimethylphthalate	13.68	163	116832	3.376	ng	99
51) 2,6-Dinitrotoluene	13.79	165	21284	2.848	ng	99
52) Acenaphthene	14.28	154	93797	3.724	ng	94
53) 3-Nitroaniline	14.13	138	19376	2.381	ng	98
54) 2,4-Dinitrophenol	14.40	184	1225m	6.252	ng	
55) Dibenzofuran	14.62	168	156788	3.841	ng	97
56) 4-Nitrophenol	14.52	139	7888	3.627	ng	91
57) 2,4-Dinitrotoluene	14.60	165	24932	2.480	ng	96
58) Fluorene	15.27	166	116210	3.738	ng	98
59) 2,3,4,6-Tetrachlorophenol	14.87	232	25972	3.000	ng	95
60) Diethylphthalate	15.06	149	109447	3.181	ng	98
61) 4-Chlorophenyl-phenylether	15.28	204	62921	3.774	ng	89
62) 4-Nitroaniline	15.31	138	16892	2.077	ng	93
63) Azobenzene	15.57	77	105591	3.174	ng	98
65) 4,6-Dinitro-2-methylphenol	15.39	198	7644	3.981	ng	96
66) n-Nitrosodiphenylamine	15.49	169	99263	3.858	ng	99
67) 4-Bromophenyl-phenylether	16.17	248	37406	3.777	ng	95
68) Hexachlorobenzene	16.29	284	43079	4.060	ng	99
69) Atrazine	16.46	200	34802	4.215	ng	98
70) Pentachlorophenol	16.66	266	8966	4.091	ng	89
71) Phenanthrene	17.02	178	185692	3.916	ng	99
72) Anthracene	17.11	178	182717	3.872	ng	99
73) Carbazole	17.39	167	158208	3.469	ng	99
74) Di-n-butylphthalate	17.96	149	164529	3.063	ng	99
75) Fluoranthene	19.00	202	213307	3.716	ng	100
77) Benzidine	19.19	184	88401	5.836	ng	97
78) Pyrene	19.36	202	222570	3.510	ng	97
80) Butylbenzylphthalate	20.25	149	77405	2.796	ng	97
81) Benzo(a)anthracene	21.07	228	226631	3.721	ng	98
82) 3,3'-Dichlorobenzidine	21.01	252	89910	4.033	ng	99
83) Chrysene	21.12	228	220925	3.783	ng	99
84) Bis(2-ethylhexyl)phthalate	21.02	149	122984	3.094	ng	99
85) Di-n-octyl phthalate	21.89	149	224455	3.197	ng	98
87) Indeno(1,2,3-cd)pyrene	25.49	276	307169	4.084	ng	99
88) Benzo(b)fluoranthene	22.62	252	235137	3.528	ng	99
89) Benzo(k)fluoranthene	22.67	252	240162	3.862	ng	96
90) Benzo(a)pyrene	23.19	252	222186	3.632	ng	99
91) Dibenzo(a,h)anthracene	25.50	278	258529	4.206	ng	100
92) Benzo(g,h,i)perylene	26.16	276	262037	4.263	ng	97

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

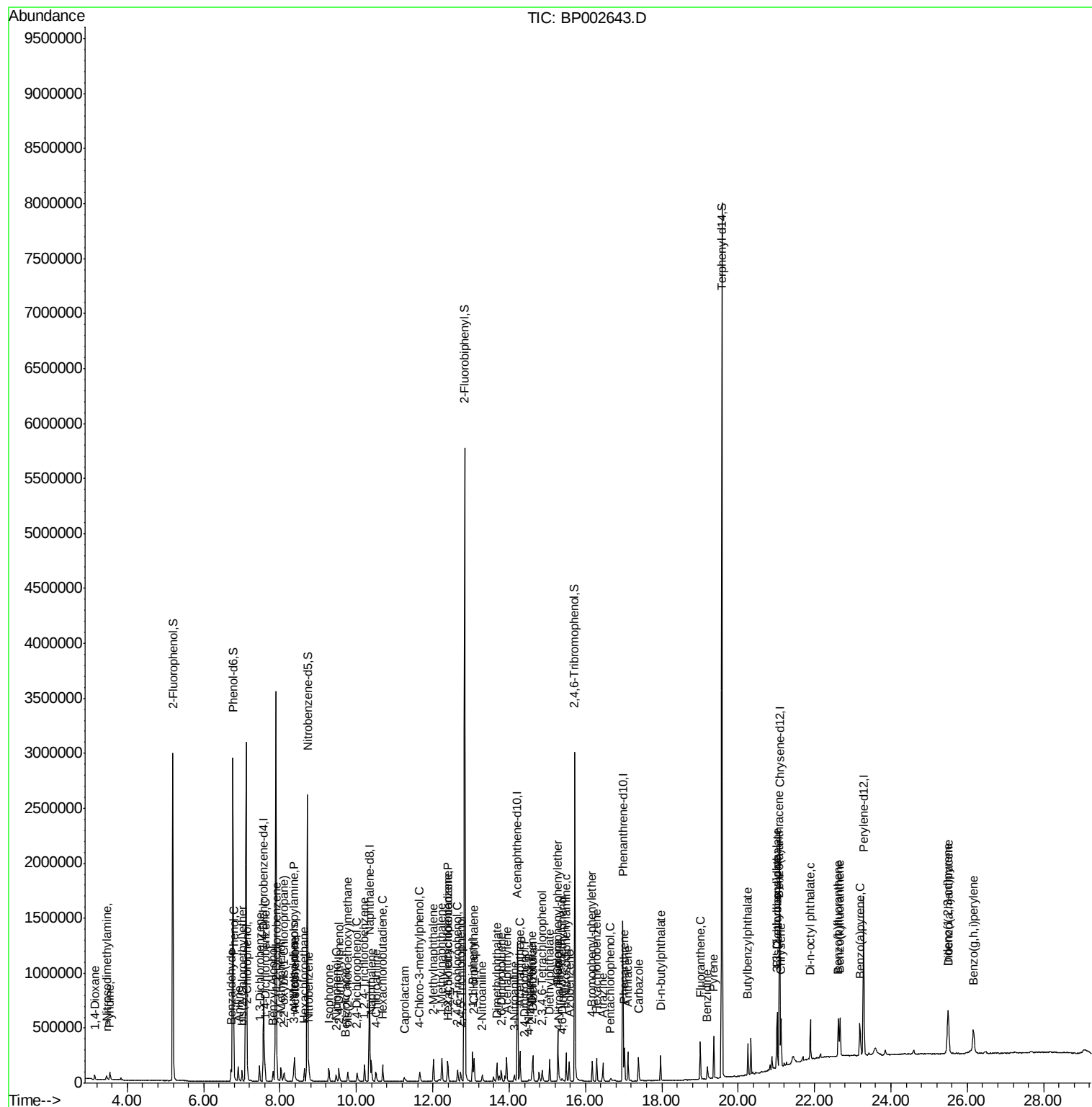
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP070620\
Data File : BP002643.D
Acq On : 06 Jul 2020 11:54
Operator : CG/JU
Sample : L2182-01
Misc : LOD-MDL-SOIL-01-4PPM
ALS Vial : 5 Sample Multiplier: 1

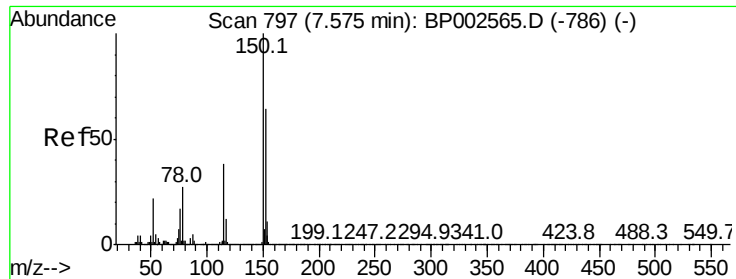
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2020

Manual Integrations
APPROVED

Sohil
7/7/2020 8:21:48 AM

Quant Time: Jul 06 14:32:14 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP062920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 29 16:51:57 2020
Response via : Initial Calibration





#1

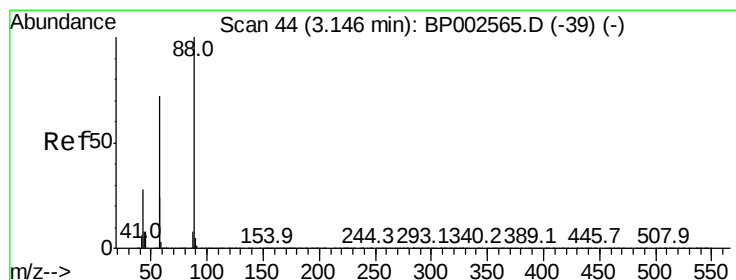
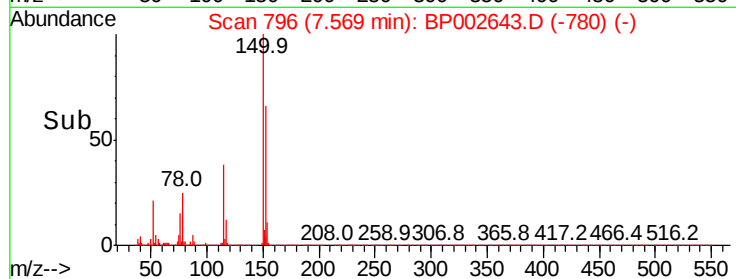
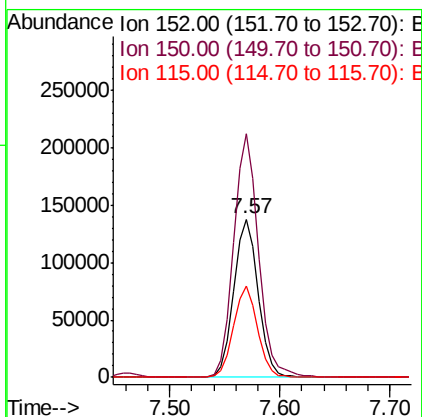
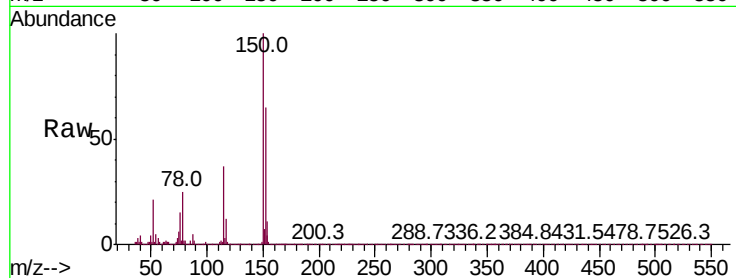
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.57 min Scan# 796
Delta R.T. -0.01 min
Lab File: BP002643.D
Acq: 06 Jul 2020 11:54

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.7	124.2	186.2
115	57.4	47.1	70.7

Manual Integrations
APPROVED

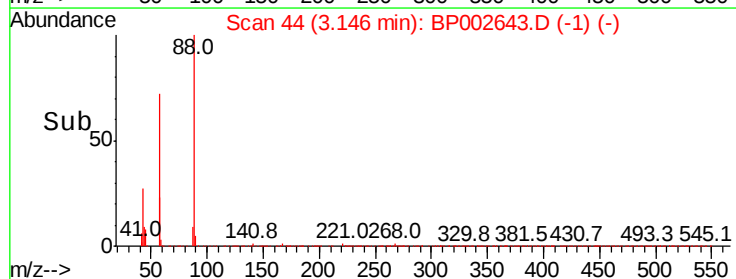
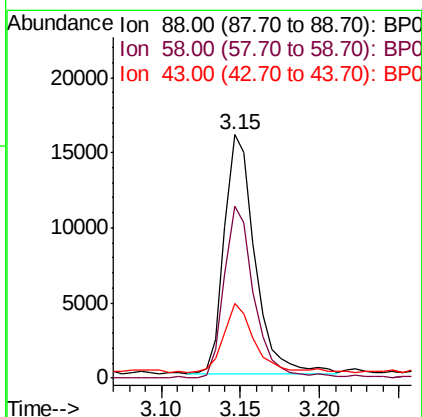
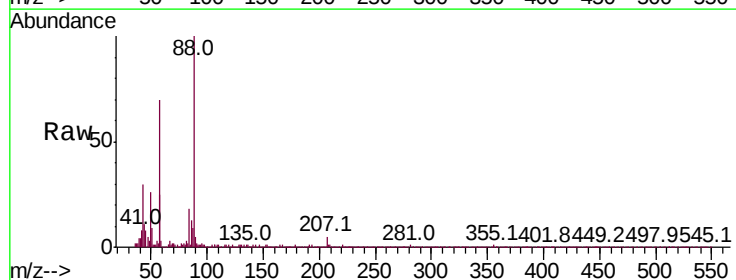
Sohil
7/7/2020 8:21:48 AM

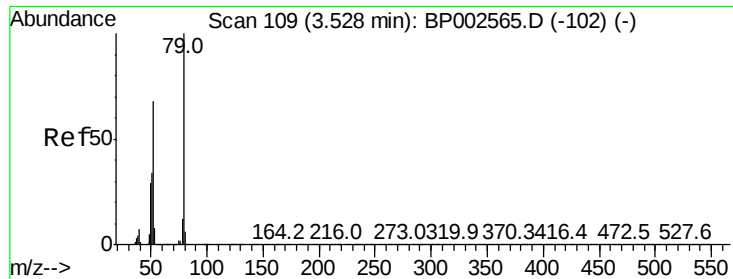


#2

1,4-Dioxane
Concen: 3.939 ng
RT: 3.15 min Scan# 44
Delta R.T. 0.00 min
Lab File: BP002643.D
Acq: 06 Jul 2020 11:54

Tgt Ion	Ratio	Lower	Upper
88	100		
58	70.7	58.1	87.1
43	29.2	23.2	34.8





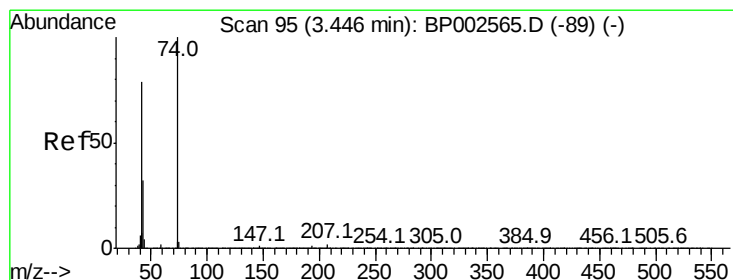
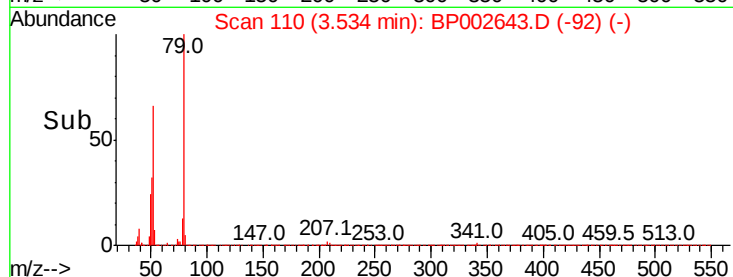
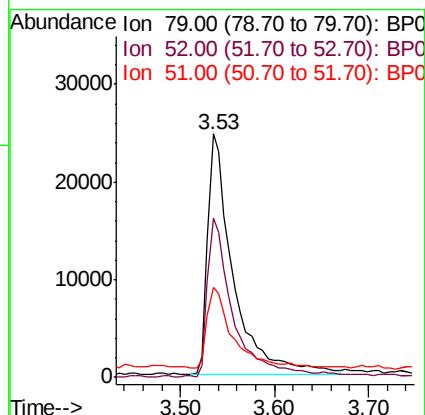
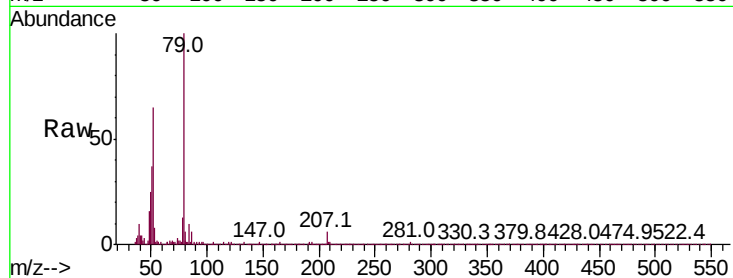
#3
 Pvridine
 Concen: 2.931 ng
 RT: 3.53 min Scan# 110
 Delta R.T. 0.01 min
 Lab File: BP002643.D
 Acq: 06 Jul 2020 11:54

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

Tot Ion	Ratio	Lower	Upper
79	100		
52	65.4	54.5	81.7
51	36.9	27.8	41.6

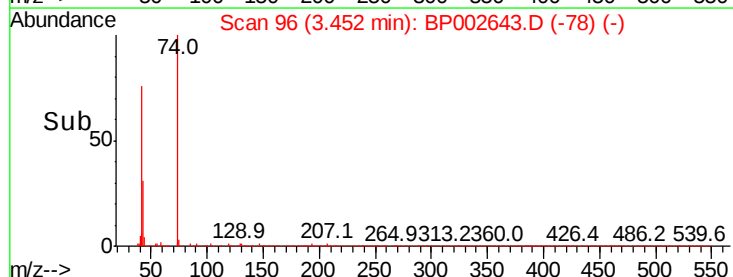
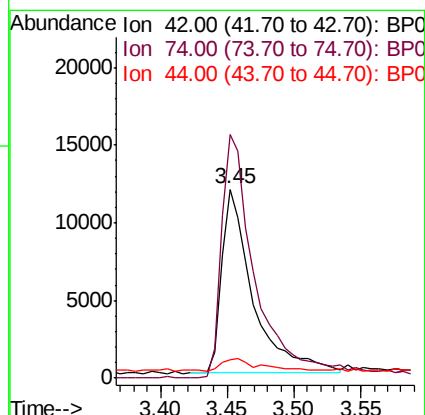
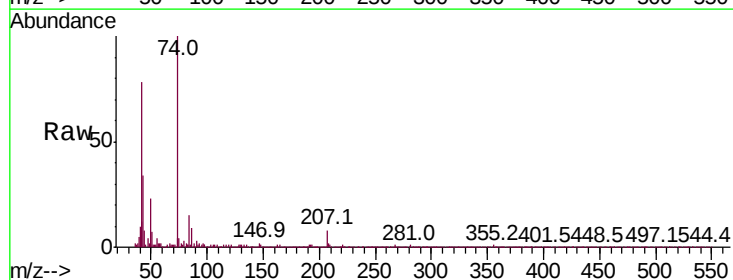
Manual Integrations
 APPROVED

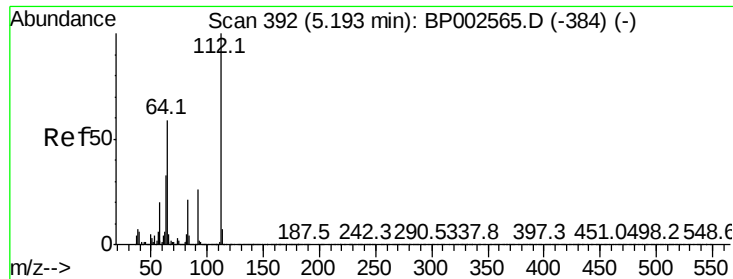
Sohil
 7/7/2020 8:21:48 AM



#4
 n-Nitrosodimethylamine
 Concen: 2.876 ng
 RT: 3.45 min Scan# 96
 Delta R.T. 0.01 min
 Lab File: BP002643.D
 Acq: 06 Jul 2020 11:54

Tgt Ion	Ratio	Lower	Upper
42	100		
74	128.8	101.7	152.5
44	9.9	4.9	7.3#





#5

2-Fluorophenol

Concen: 109.227 ng

RT: 5.19 min Scan# 392

Delta R.T. 0.00 min

Lab File: BP002643.D

Acq: 06 Jul 2020 11:54

Instrument :

BNA_P

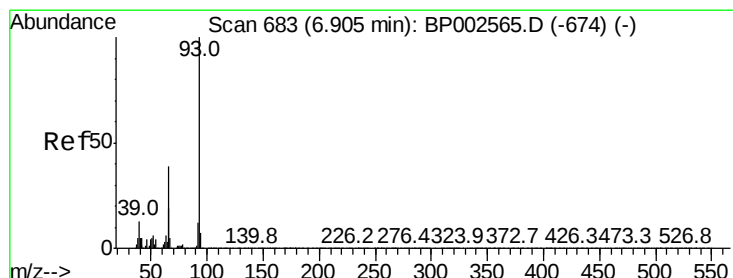
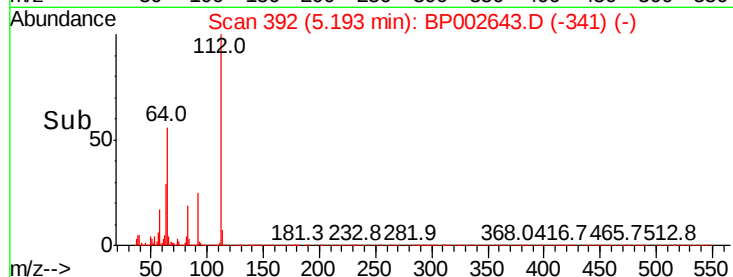
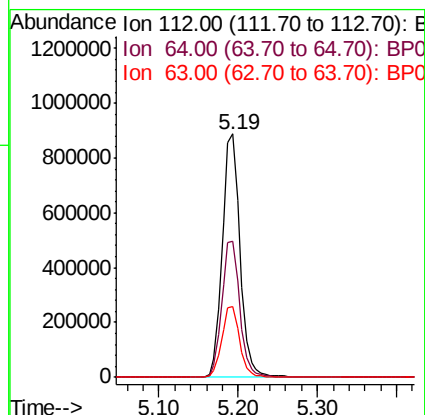
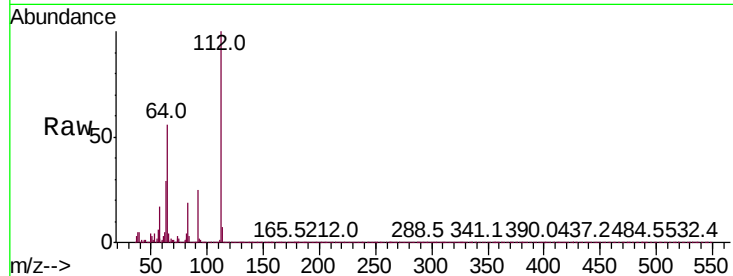
ClientSampleId :

LOD-MDL-SOIL-01-QT2-2020

Tot Ion:	112	Resp:	1378110
Ion	Ratio	Lower	Upper
112	100		
64	55.8	47.0	70.6
63	29.2	26.1	39.1

Manual Integrations
APPROVED

Sohil
7/7/2020 8:21:48 AM



#6

Aniline

Concen: 3.572 ng

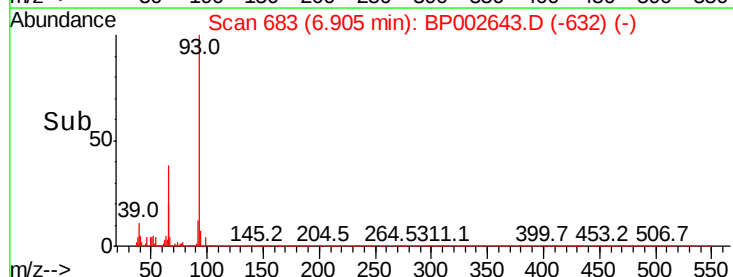
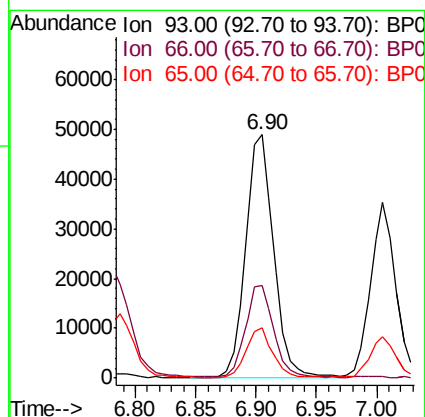
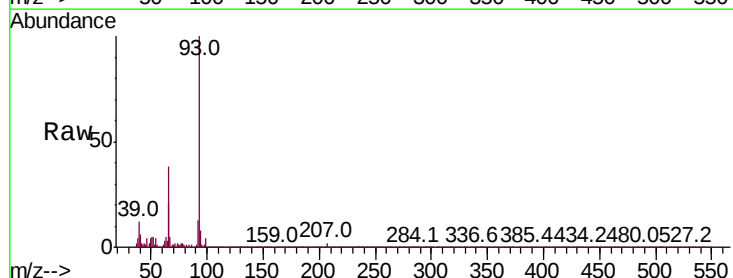
RT: 6.90 min Scan# 683

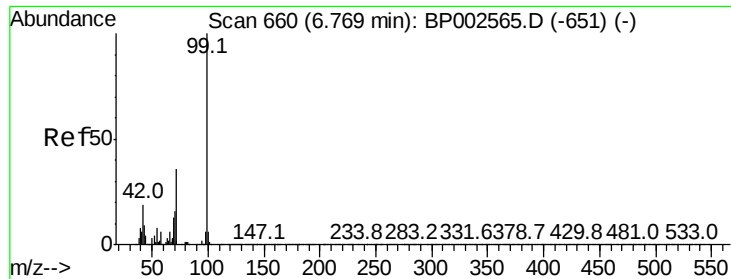
Delta R.T. 0.00 min

Lab File: BP002643.D

Acq: 06 Jul 2020 11:54

Tgt Ion:	93	Resp:	79019
Ion	Ratio	Lower	Upper
93	100		
66	38.0	31.6	47.4
65	20.5	15.7	23.5





#7

Phenol-d6

Concen: 99.956 ng

RT: 6.76 min Scan# 659

Delta R.T. -0.01 min

Lab File: BP002643.D

Acq: 06 Jul 2020 11:54

Instrument :

BNA_P

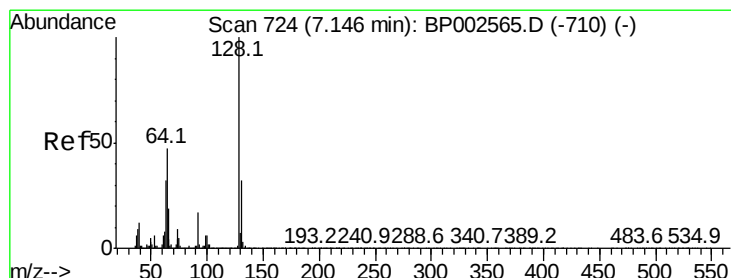
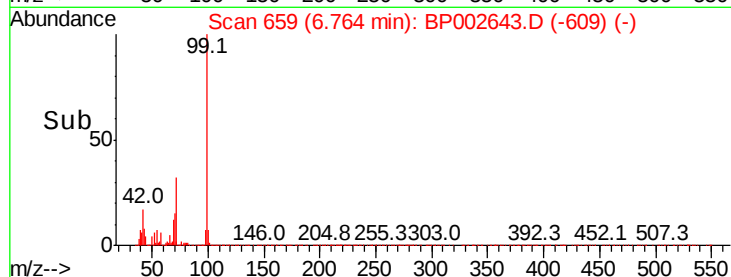
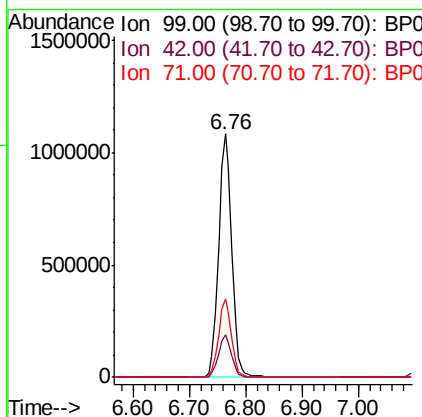
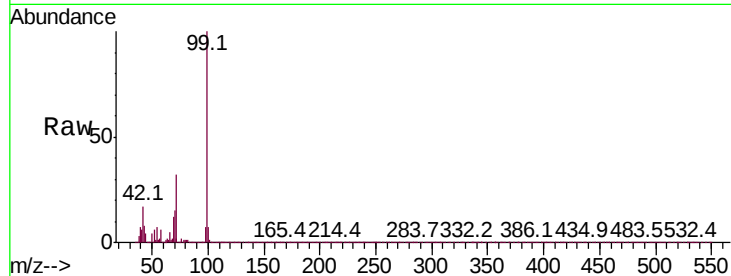
ClientSampleId :

LOD-MDL-SOIL-01-QT2-2020

Tot Ion:	99	Resp:	1760220
Ion	Ratio	Lower	Upper
99	100		
42	17.4	15.5	23.3
71	32.4	28.9	43.3

Manual Integrations
APPROVED

Sohil
7/7/2020 8:21:48 AM



#8

2-Chlorophenol

Concen: 3.679 ng

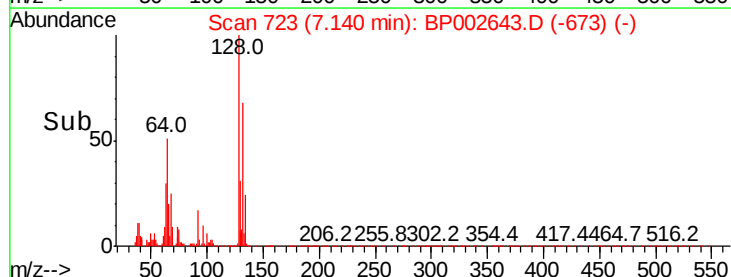
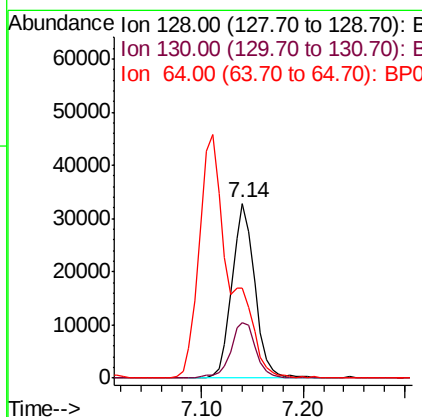
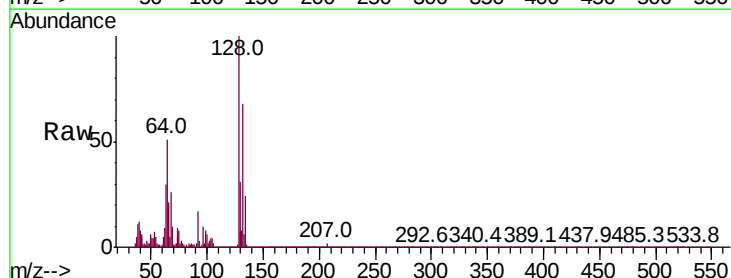
RT: 7.14 min Scan# 723

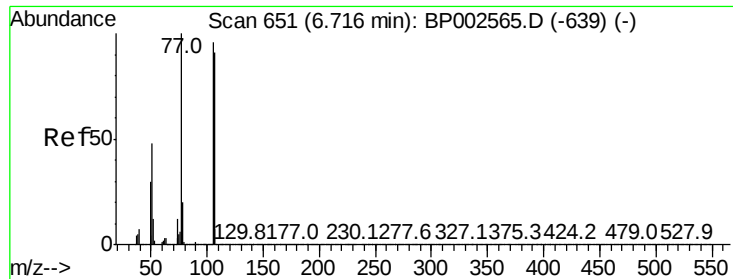
Delta R.T. -0.01 min

Lab File: BP002643.D

Acq: 06 Jul 2020 11:54

Tgt Ion:	128	Resp:	51562
Ion	Ratio	Lower	Upper
128	100		
130	31.4	11.8	51.8
64	51.3	26.9	66.9





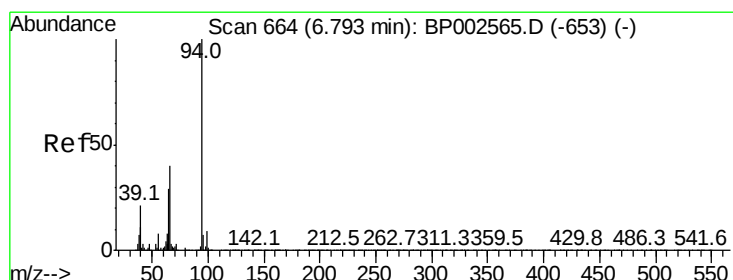
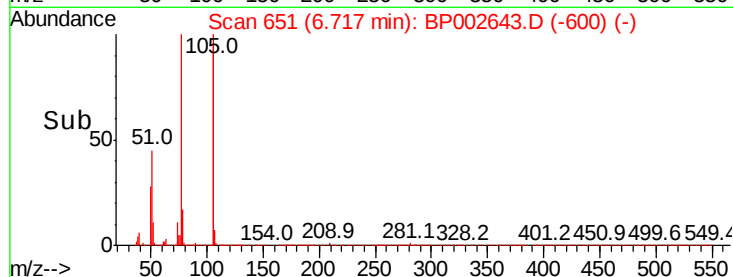
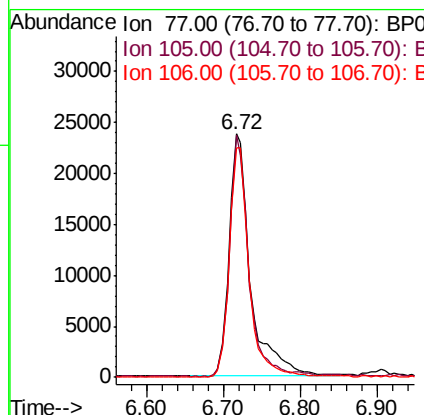
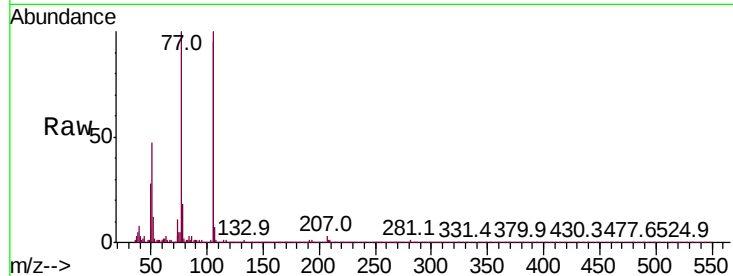
#9
Benzaldehyde
Concen: 3.917 ng
RT: 6.72 min Scan# 651
Delta R.T. 0.00 min
Lab File: BP002643.D
Acq: 06 Jul 2020 11:54

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

Tot Ion	Ratio	Lower	Upper
77	100		
105	99.6	76.5	116.5
106	94.5	70.9	110.9

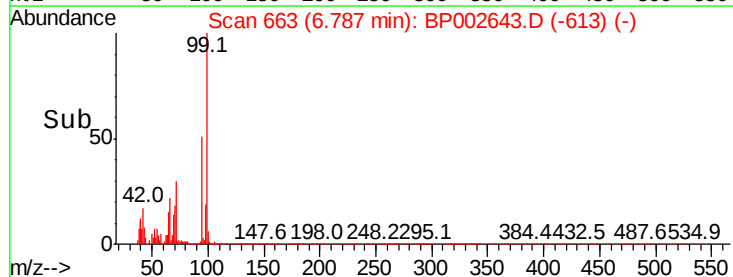
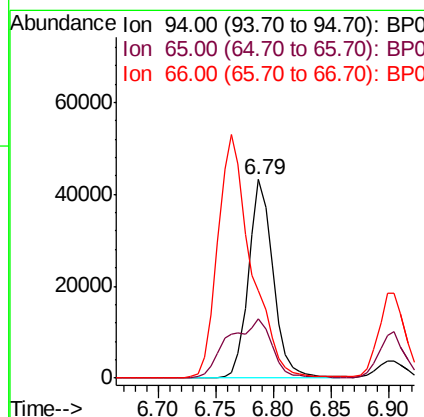
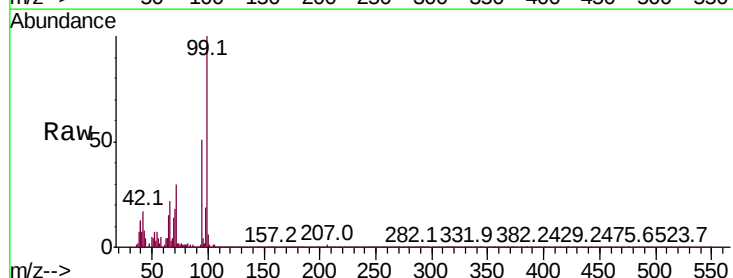
Manual Integrations
APPROVED

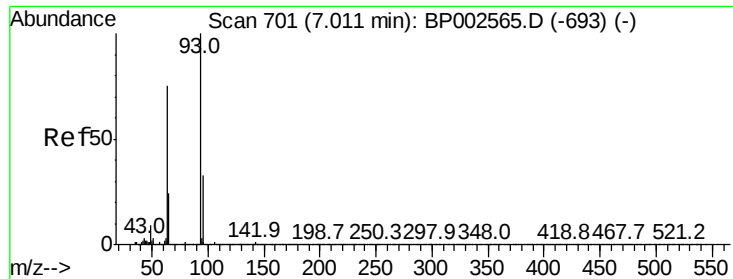
Sohil
7/7/2020 8:21:48 AM



#10
Phenol
Concen: 3.592 ng
RT: 6.79 min Scan# 663
Delta R.T. -0.01 min
Lab File: BP002643.D
Acq: 06 Jul 2020 11:54

Tgt Ion	Ratio	Lower	Upper
94	100		
65	30.1	8.8	48.8
66	43.9	19.9	59.9





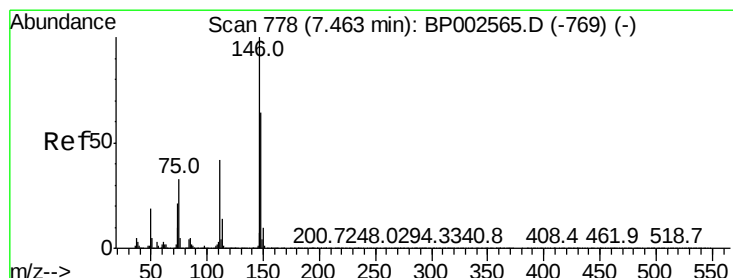
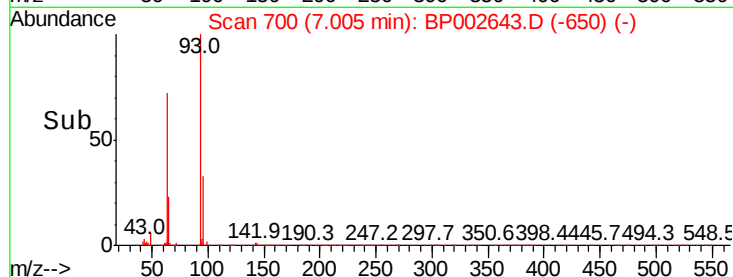
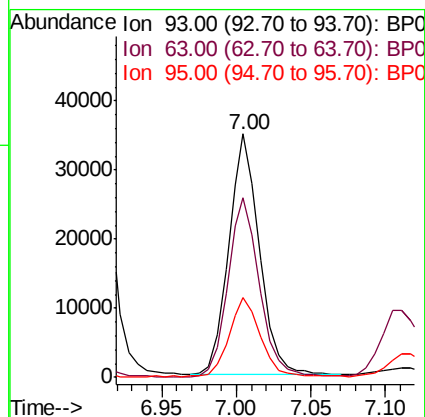
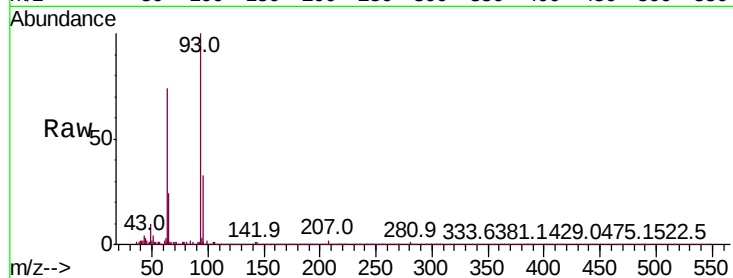
#11
bis(2-Chloroethyl)ether
Concen: 3.408 ng
RT: 7.00 min Scan# 700
Delta R.T. -0.01 min
Lab File: BP002643.D
Acq: 06 Jul 2020 11:54

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

Tot Ion	Ratio	Resp	Lower	Upper
93	100	49675		
63	73.9		54.5	94.5
95	32.9		13.1	53.1

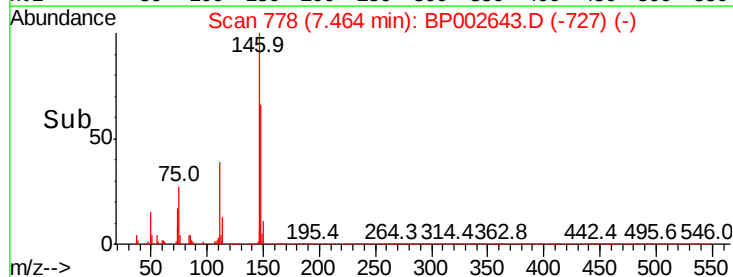
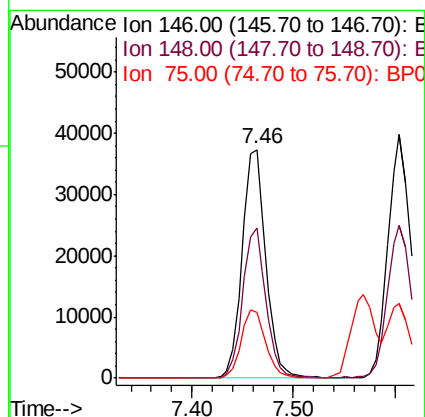
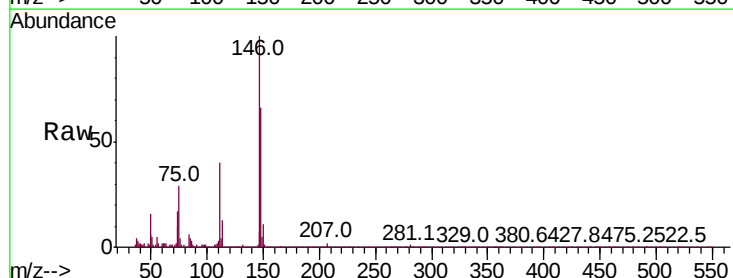
Manual Integrations
APPROVED

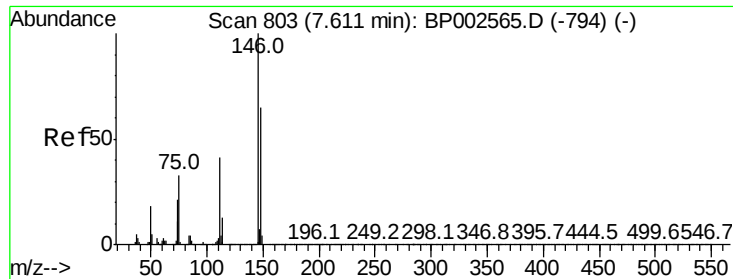
Sohil
7/7/2020 8:21:48 AM



#12
1,3-Dichlorobenzene
Concen: 3.747 ng
RT: 7.46 min Scan# 778
Delta R.T. 0.00 min
Lab File: BP002643.D
Acq: 06 Jul 2020 11:54

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	60603		
148	66.0		51.3	76.9
75	28.7		26.1	39.1





#13

1,4-Dichlorobenzene

Concen: 3.769 ng

RT: 7.60 min Scan# 802

Delta R.T. -0.01 min

Lab File: BP002643.D

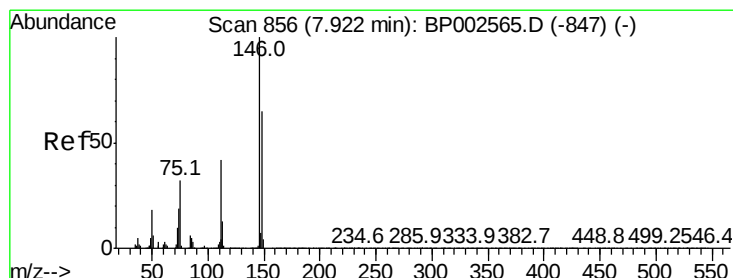
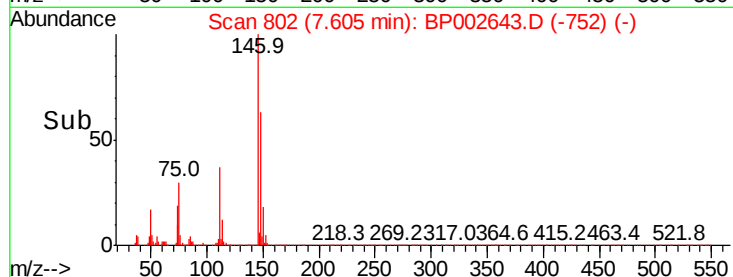
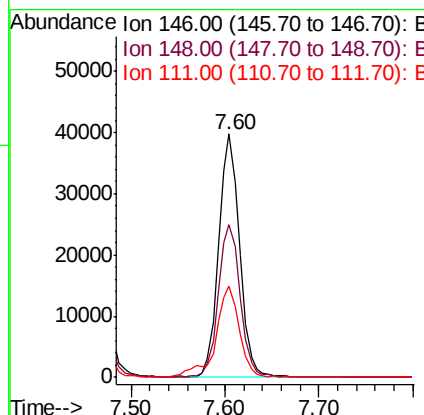
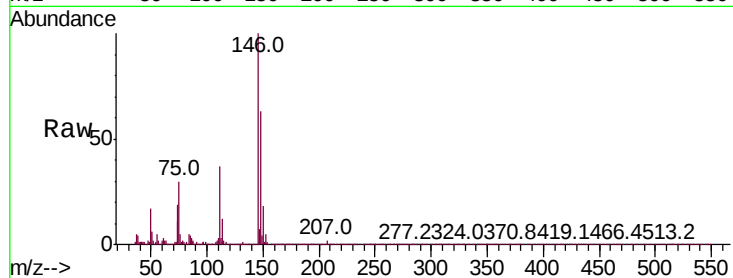
Acq: 06 Jul 2020 11:54

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

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.6	51.8	77.6
111	37.4	32.8	49.2

Manual Integrations
APPROVED

Sohil
7/7/2020 8:21:48 AM



#14

1,2-Dichlorobenzene

Concen: 3.663 ng

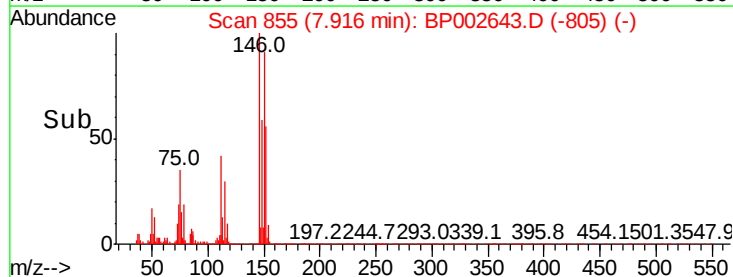
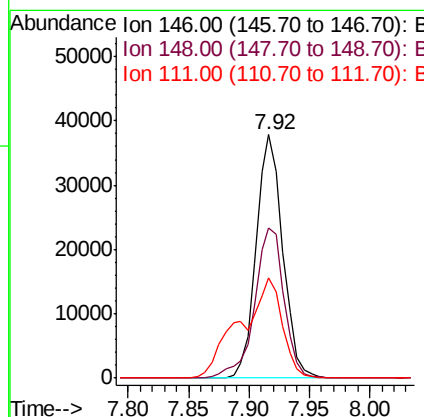
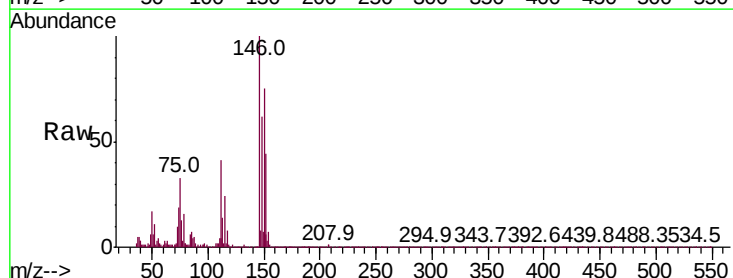
RT: 7.92 min Scan# 855

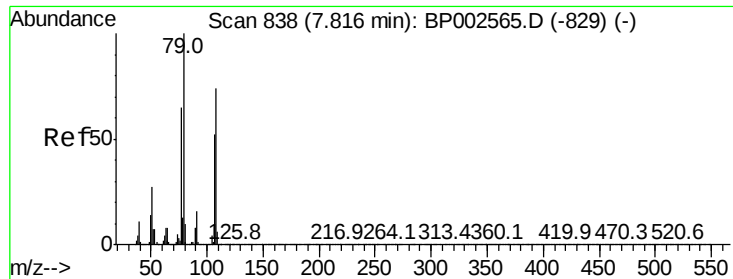
Delta R.T. -0.01 min

Lab File: BP002643.D

Acq: 06 Jul 2020 11:54

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.9	52.2	78.2
111	41.0	34.1	51.1





#15

Benzyl Alcohol

Concen: 2.644 ng

RT: 7.82 min Scan# 838

Delta R.T. 0.00 min

Lab File: BP002643.D

Acq: 06 Jul 2020 11:54

Instrument :

BNA_P

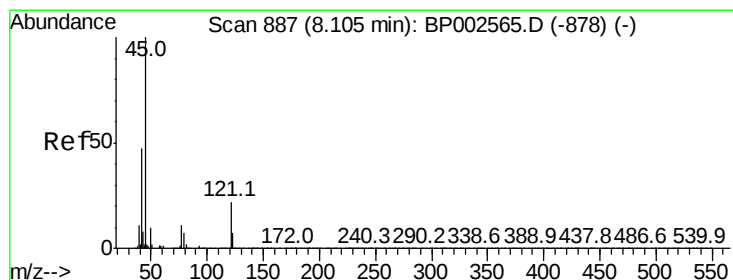
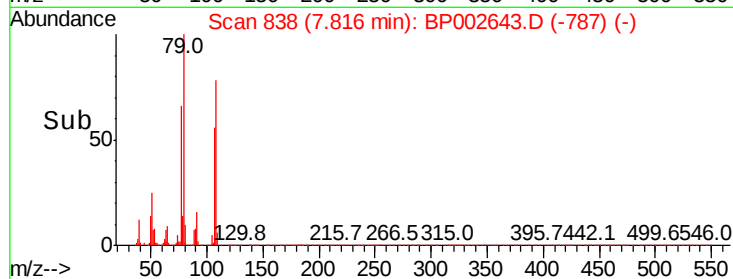
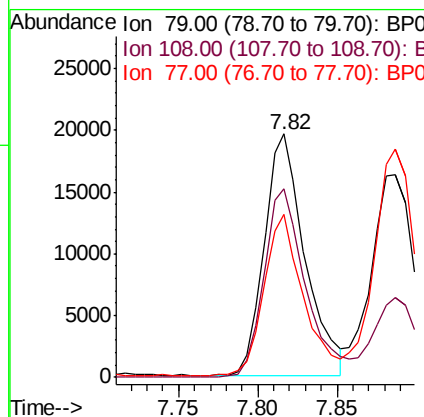
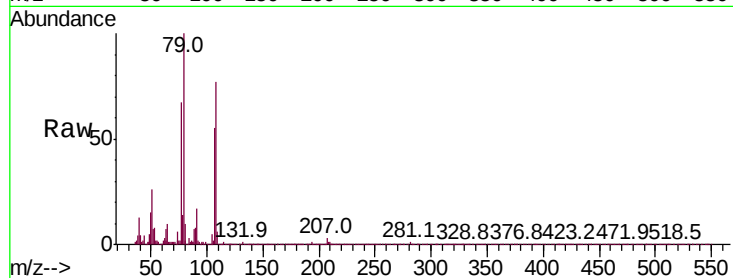
ClientSampleID :

LOD-MDL-SOIL-01-QT2-2020

Tot Ion:	79	Resp:	34980
Ion Ratio	Lower	Upper	
79	100		
108	77.3	59.4	89.2
77	66.7	51.9	77.9

Manual Integrations
APPROVED

Sohil
7/7/2020 8:21:48 AM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 3.465 ng

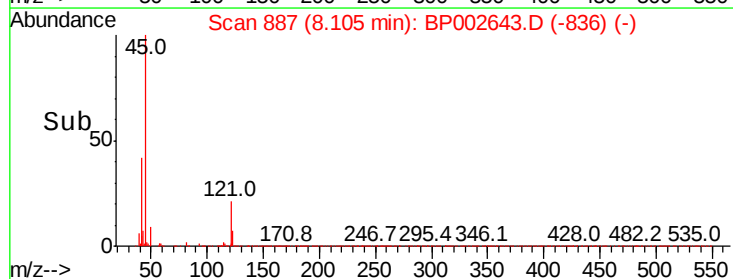
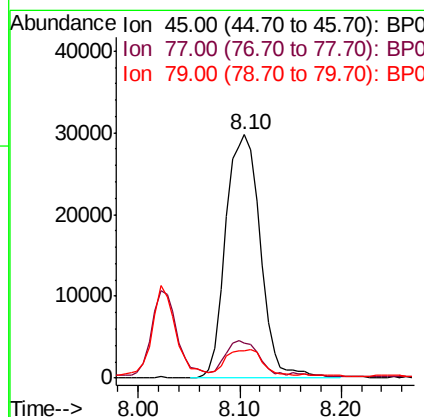
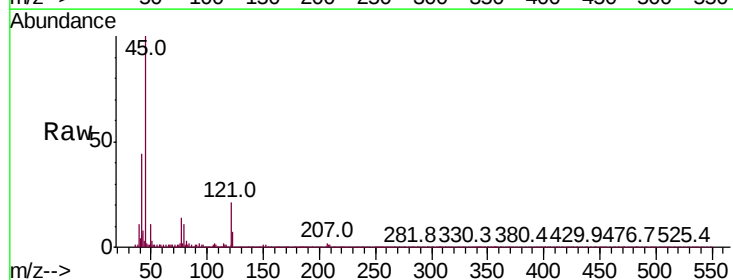
RT: 8.10 min Scan# 887

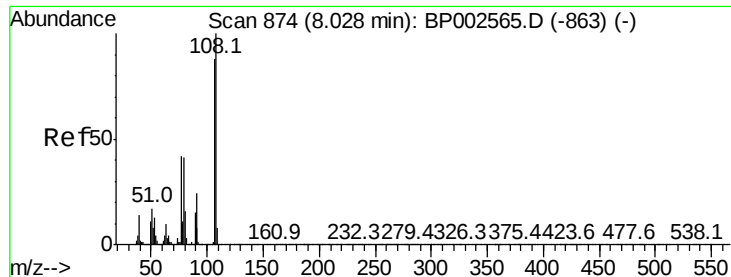
Delta R.T. 0.00 min

Lab File: BP002643.D

Acq: 06 Jul 2020 11:54

Tgt Ion:	45	Resp:	70363
Ion Ratio	Lower	Upper	
45	100		
77	14.2	0.0	35.0
79	11.4	0.0	31.1





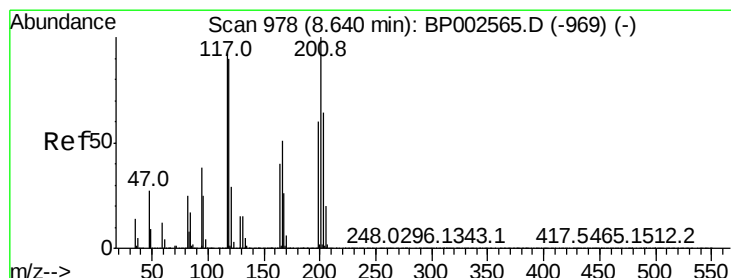
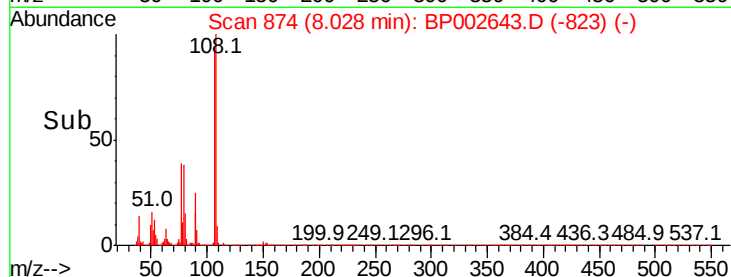
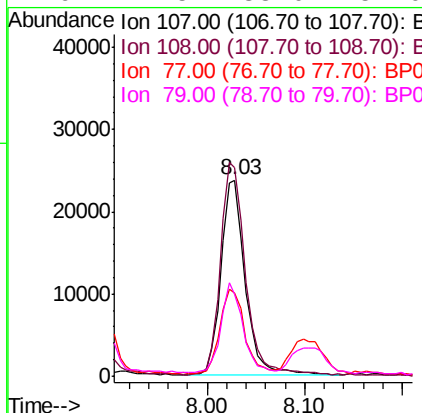
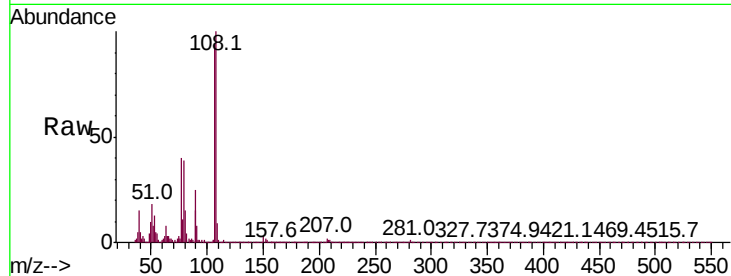
#17
2-Methylphenol
Concen: 3.086 ng
RT: 8.03 min Scan# 874
Delta R.T. 0.00 min
Lab File: BP002643.D
Acq: 06 Jul 2020 11:54

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

Tot Ion	Ratio	Lower	Upper
107	100		
108	106.4	91.4	137.0
77	42.7	38.7	58.1
79	41.5	38.0	57.0

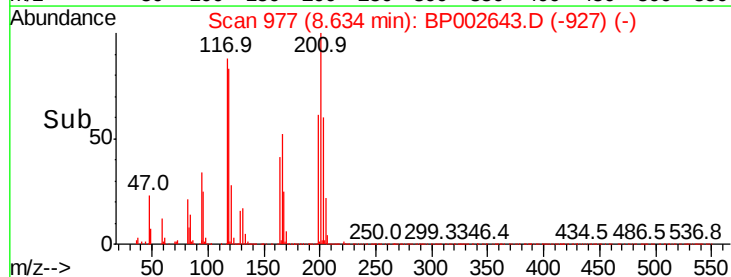
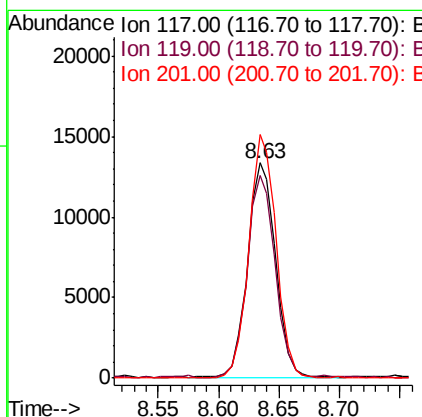
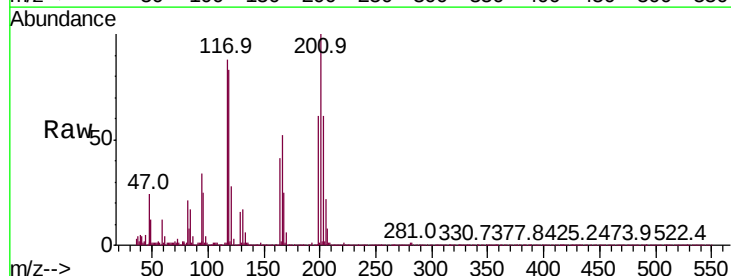
Manual Integrations
APPROVED

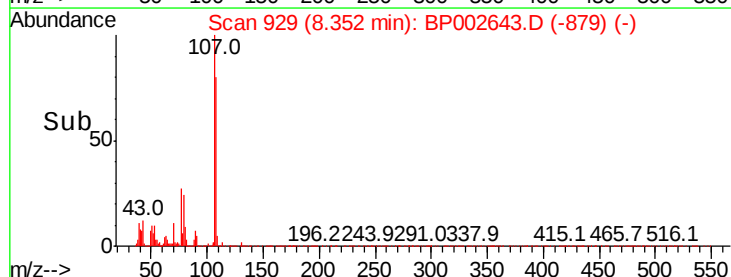
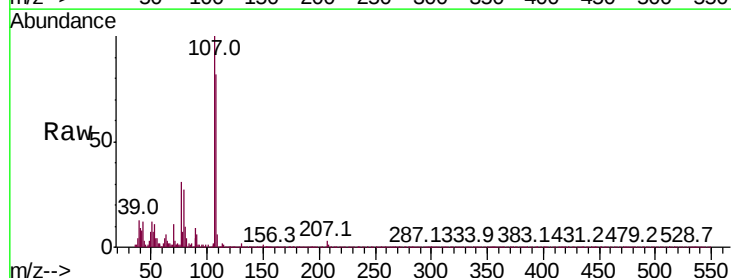
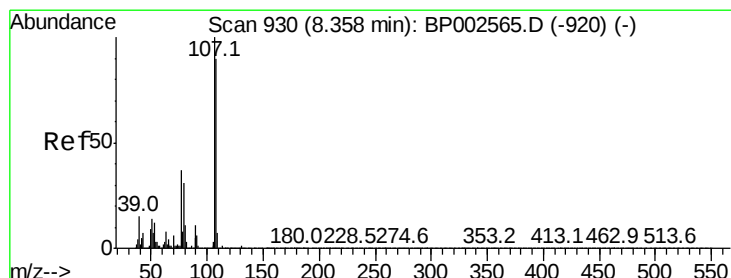
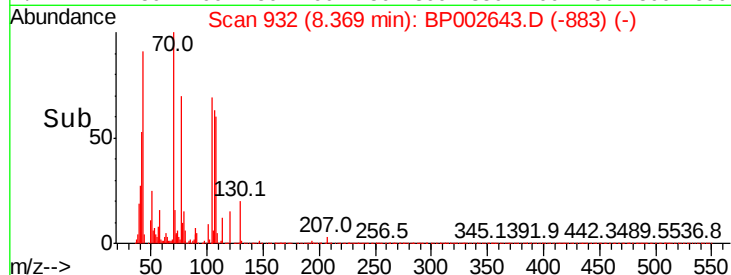
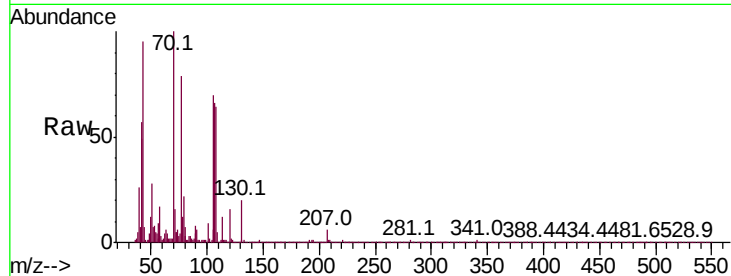
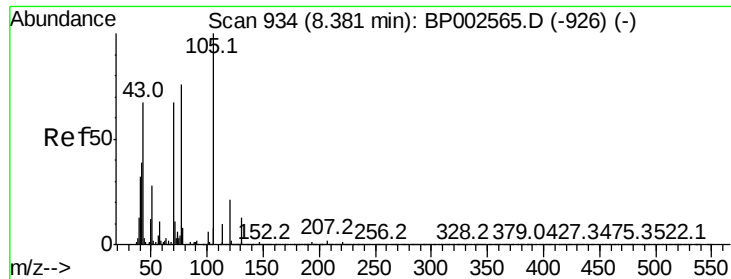
Sohil
7/7/2020 8:21:48 AM



#18
Hexachloroethane
Concen: 3.629 ng
RT: 8.63 min Scan# 977
Delta R.T. -0.01 min
Lab File: BP002643.D
Acq: 06 Jul 2020 11:54

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.0	78.2	117.4
201	113.2	87.0	130.6





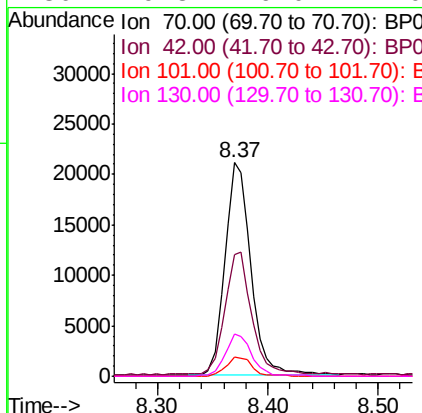
#19
n-Nitroso-di-n-propylamine
Concen: 3.023 ng
RT: 8.37 min Scan# 932
Delta R.T. -0.01 min
Lab File: BP002643.D
Acq: 06 Jul 2020 11:54

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

Tot Ion	Ratio	Lower	Upper
70	100		
42	57.0	46.7	70.1
101	9.1	7.5	11.3
130	19.8	16.0	24.0

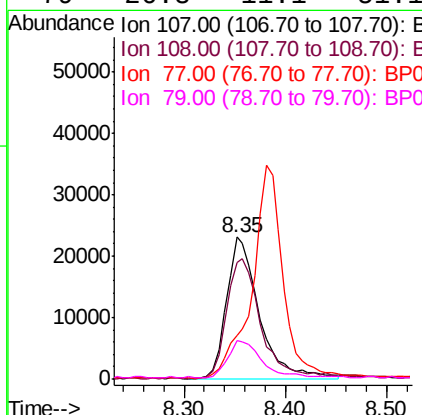
Manual Integrations
APPROVED

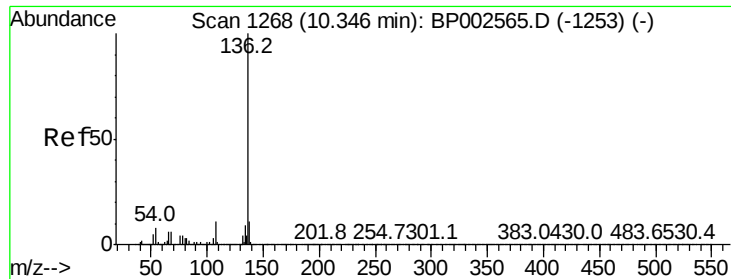
Sohil
7/7/2020 8:21:48 AM



#20
3+4-Methylphenols
Concen: 2.867 ng
RT: 8.35 min Scan# 929
Delta R.T. -0.01 min
Lab File: BP002643.D
Acq: 06 Jul 2020 11:54

Tgt Ion	Ratio	Lower	Upper
107	100		
108	81.9	70.4	110.4
77	30.6	16.7	56.7
79	26.8	11.1	51.1





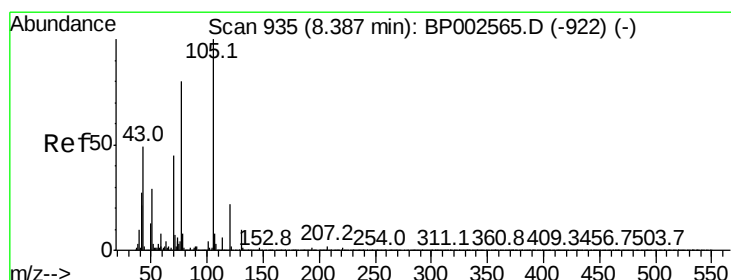
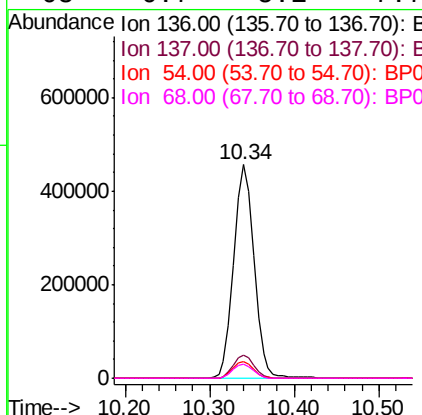
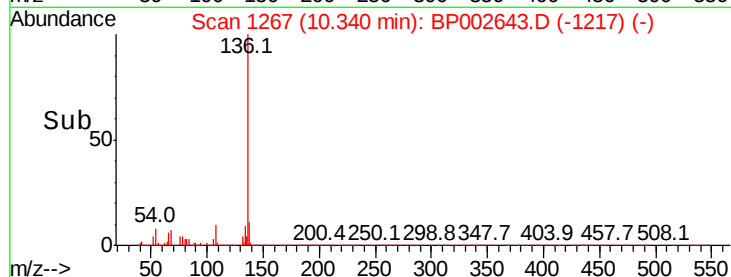
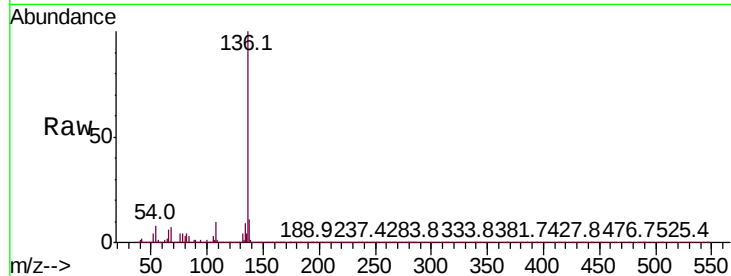
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.34 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BP002643.D
Acq: 06 Jul 2020 11:54

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

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.1	8.8	13.2	
54	8.1	6.4	9.6	
68	6.7	5.1	7.7	

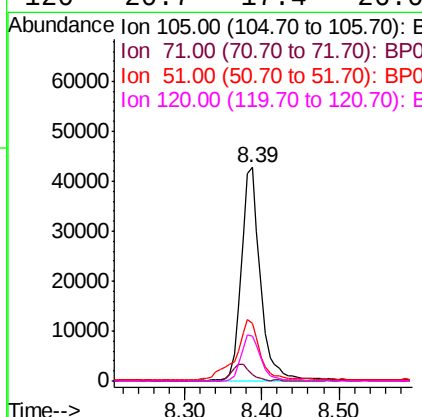
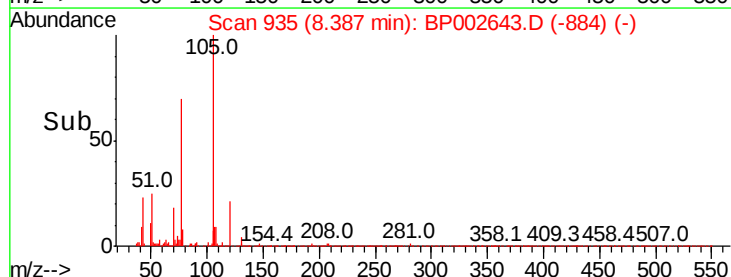
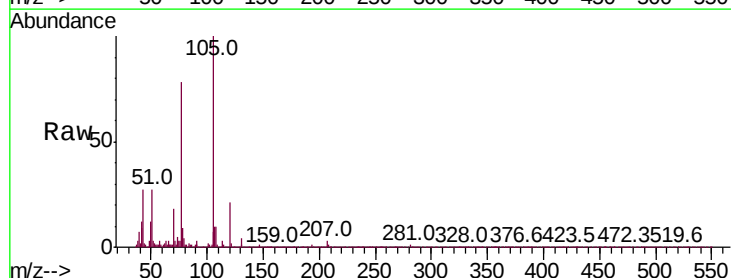
Manual Integrations
APPROVED

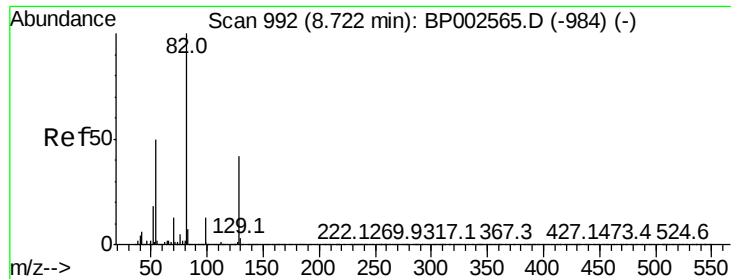
Sohil
7/7/2020 8:21:48 AM



#22
Acetophenone
Concen: 3.878 ng
RT: 8.39 min Scan# 935
Delta R.T. 0.00 min
Lab File: BP002643.D
Acq: 06 Jul 2020 11:54

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	3.1	5.8	8.8#	
51	27.2	23.3	34.9	
120	20.7	17.4	26.0	





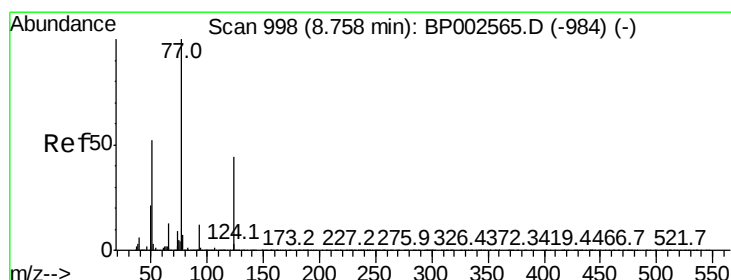
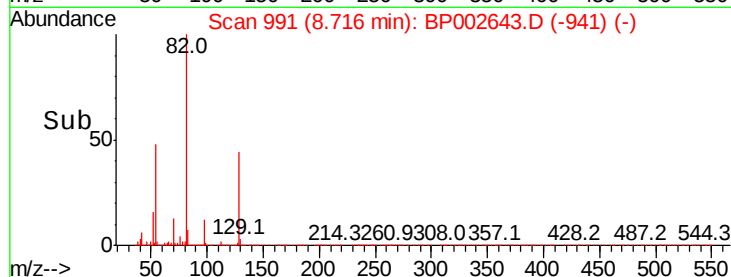
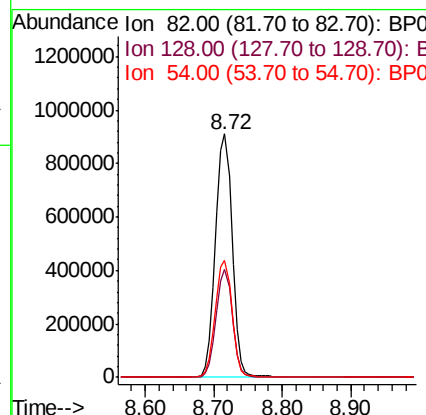
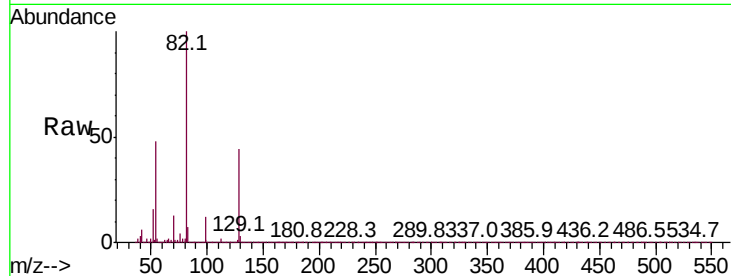
#23
Nitrobenzene-d5
Concen: 105.448 ng
RT: 8.72 min Scan# 991
Delta R.T. -0.01 min
Lab File: BP002643.D
Acq: 06 Jul 2020 11:54

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

Tot Ion: 82 Resp: 1553275
Ion Ratio Lower Upper
82 100
128 44.3 33.4 50.2
54 48.2 40.1 60.1

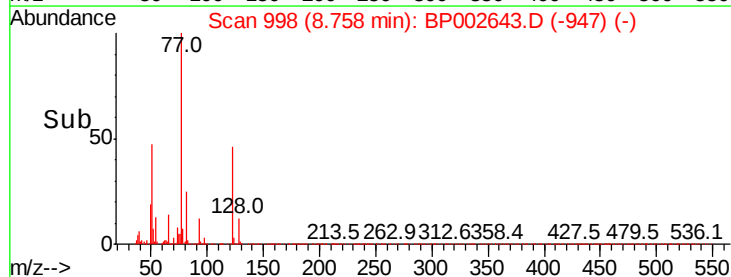
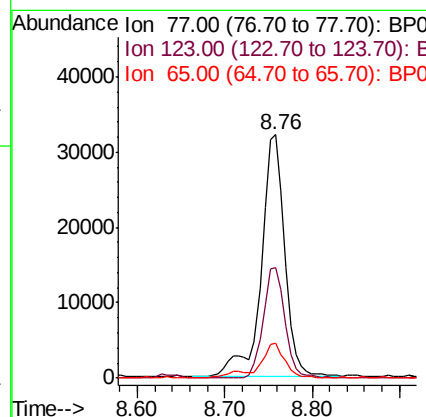
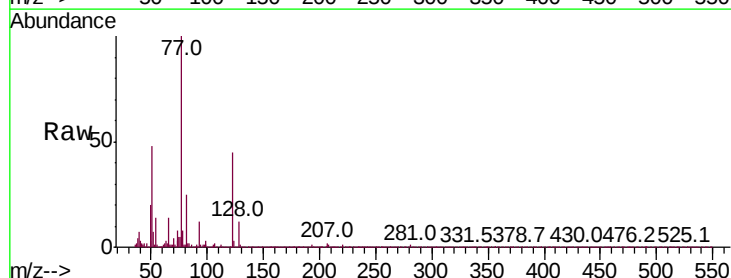
Manual Integrations
APPROVED

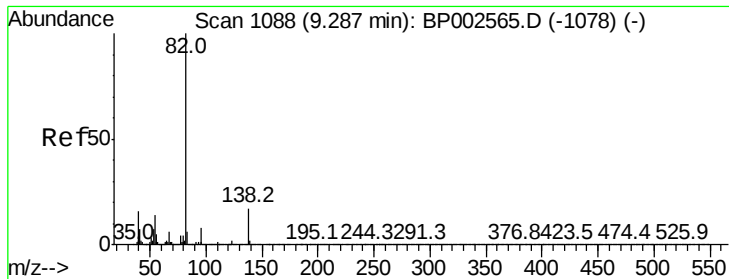
Sohil
7/7/2020 8:21:48 AM



#24
Nitrobenzene
Concen: 3.812 ng
RT: 8.76 min Scan# 998
Delta R.T. 0.00 min
Lab File: BP002643.D
Acq: 06 Jul 2020 11:54

Tgt Ion: 77 Resp: 59431
Ion Ratio Lower Upper
77 100
123 45.2 35.3 52.9
65 14.2 10.6 16.0





#25

Isophorone

Concen: 3.148 ng

RT: 9.28 min Scan# 1086

Delta R.T. -0.01 min

Lab File: BP002643.D

Acq: 06 Jul 2020 11:54

Instrument :

BNA_P

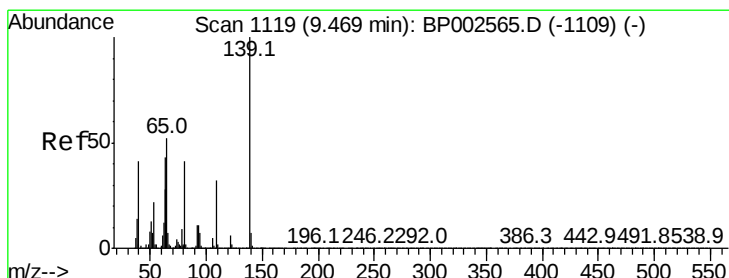
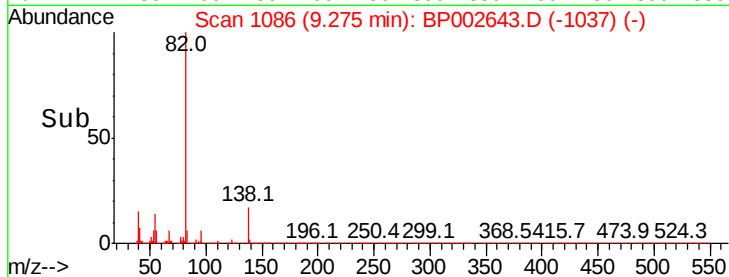
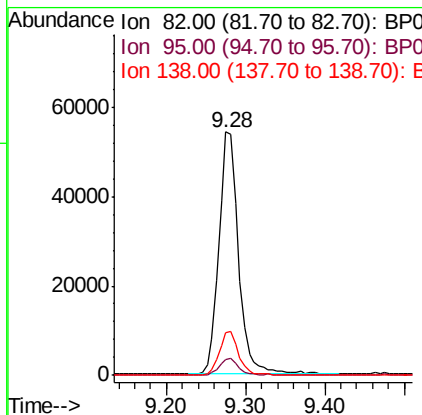
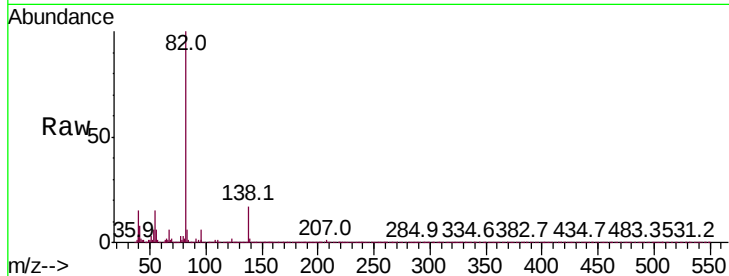
ClientSampleId :

LOD-MDL-SOIL-01-QT2-2020

Tot Ion:	82	Resp:	92933
Ion Ratio	Lower	Upper	
82	100		
95	6.4	6.0	9.0
138	17.3	13.8	20.8

Manual Integrations
APPROVED

Sohil
7/7/2020 8:21:48 AM



#26

2-Nitrophenol

Concen: 3.081 ng

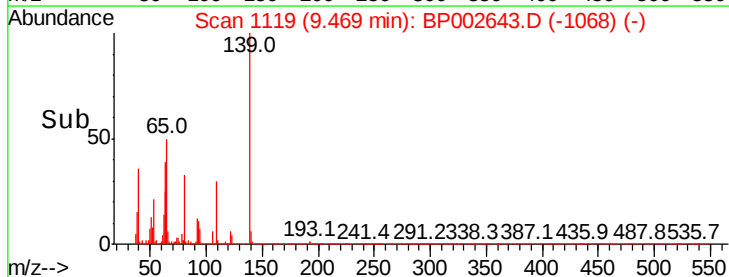
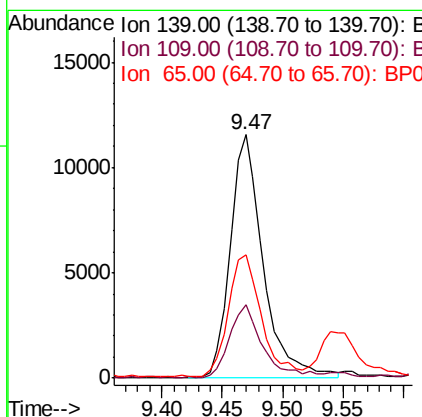
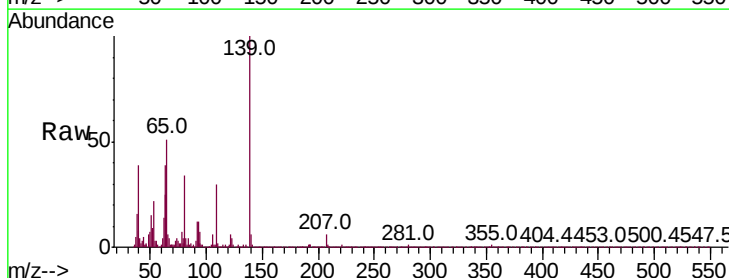
RT: 9.47 min Scan# 1119

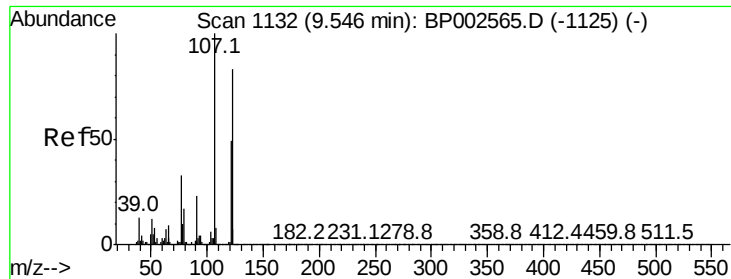
Delta R.T. 0.00 min

Lab File: BP002643.D

Acq: 06 Jul 2020 11:54

Tgt Ion:	139	Resp:	21905
Ion Ratio	Lower	Upper	
139	100		
109	29.9	26.0	39.0
65	50.5	41.9	62.9





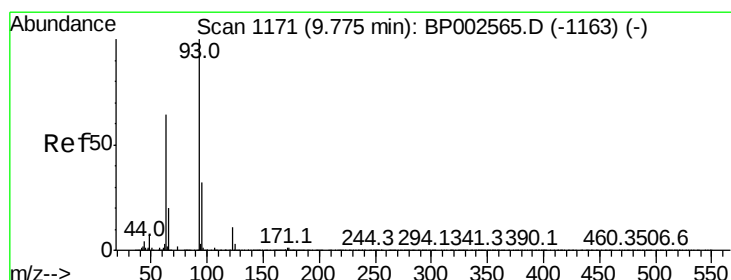
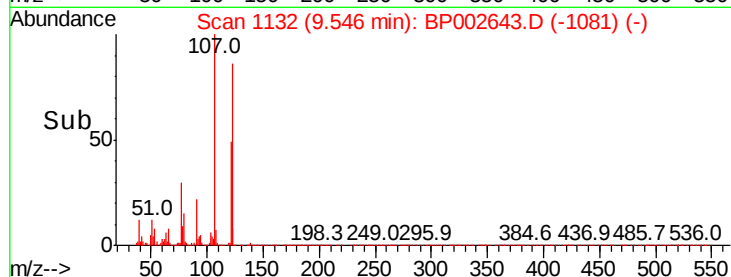
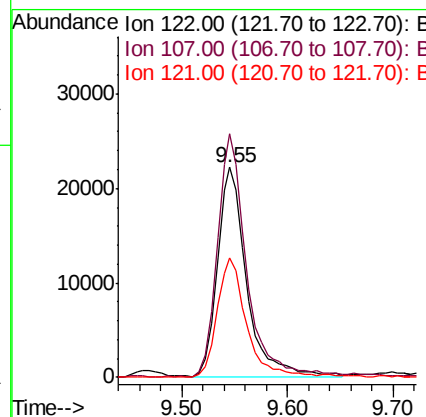
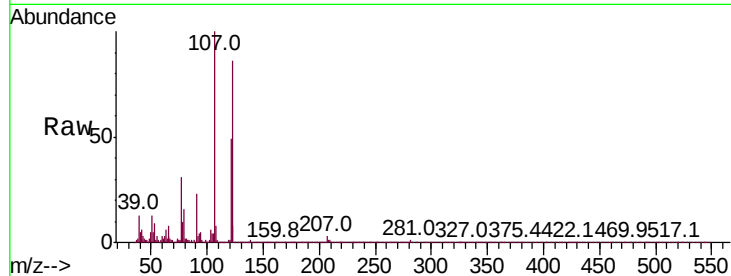
#27
2,4-Dimethylphenol
Concen: 3.934 ng
RT: 9.55 min Scan# 1132
Delta R.T. 0.00 min
Lab File: BP002643.D
Acq: 06 Jul 2020 11:54

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

Tot Ion	Ratio	Lower	Upper
122	100		
107	115.9	95.9	143.9
121	56.7	47.0	70.6

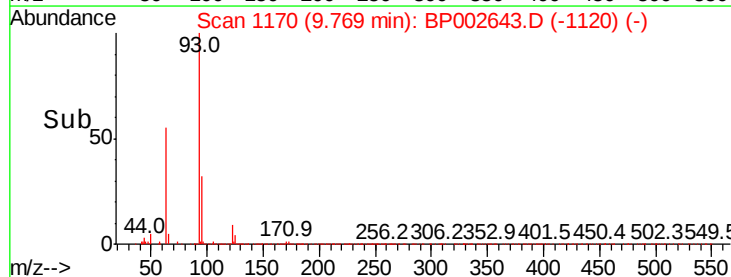
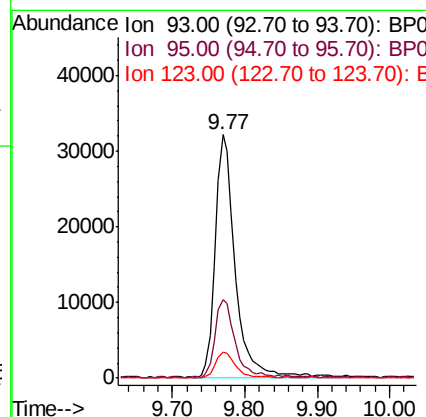
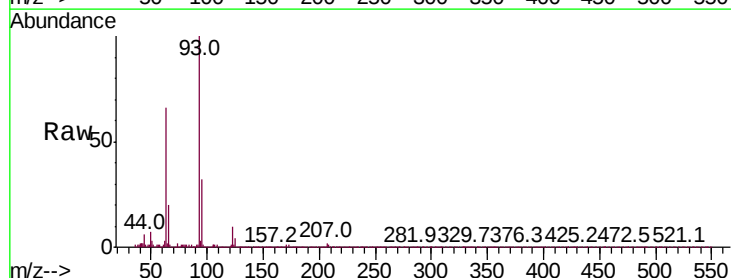
Manual Integrations
APPROVED

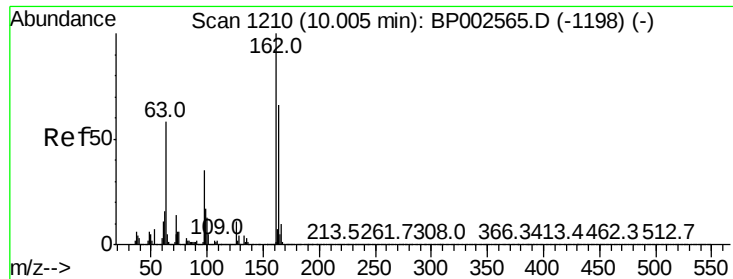
Sohil
7/7/2020 8:21:48 AM



#28
bis(2-Chloroethoxy)methane
Concen: 3.601 ng
RT: 9.77 min Scan# 1170
Delta R.T. -0.01 min
Lab File: BP002643.D
Acq: 06 Jul 2020 11:54

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.2	25.5	38.3
123	10.4	8.7	13.1





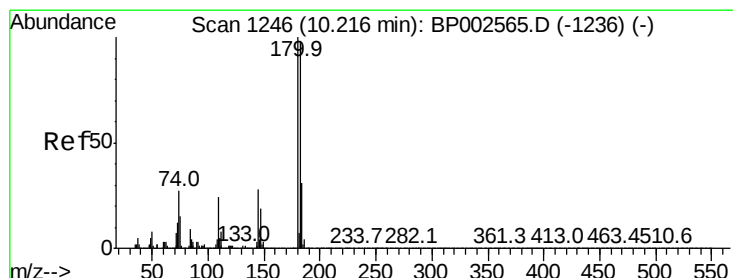
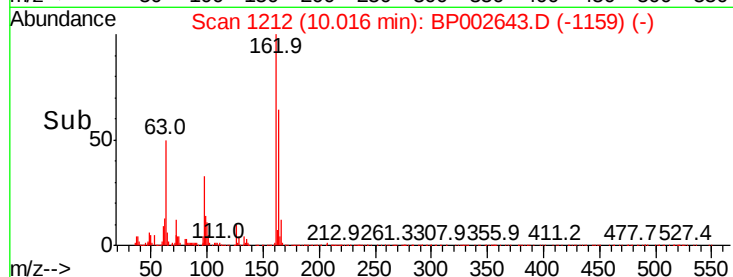
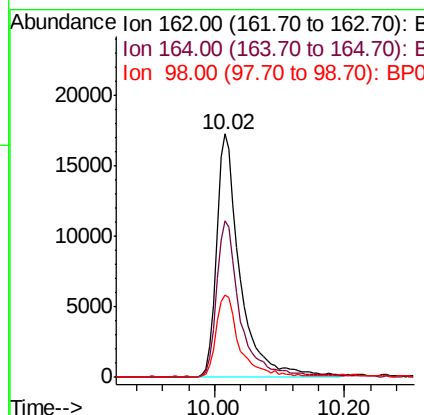
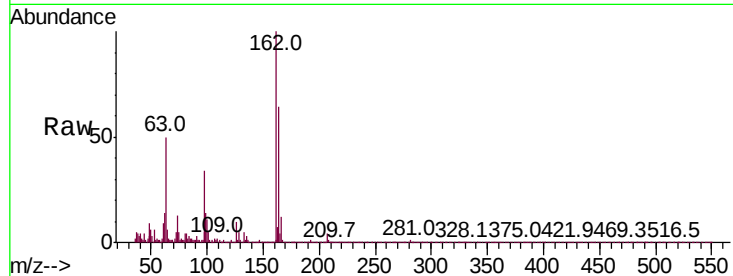
#29
2,4-Dichlorophenol
Concen: 3.479 ng
RT: 10.02 min Scan# 1212
Delta R.T. 0.01 min
Lab File: BP002643.D
Acq: 06 Jul 2020 11:54

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

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.5	46.1	86.1
98	33.6	15.3	55.3

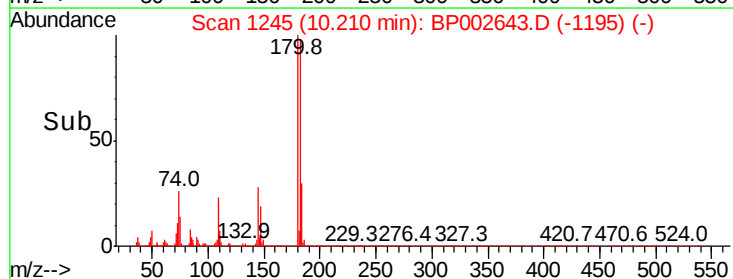
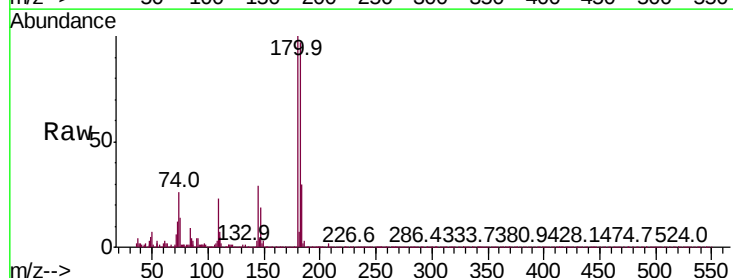
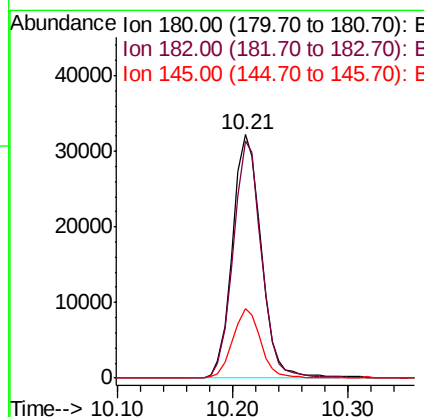
Manual Integrations
APPROVED

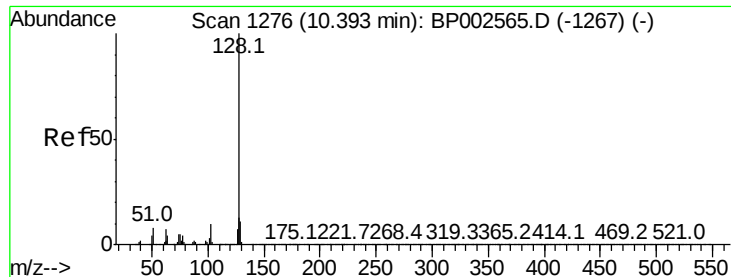
Sohil
7/7/2020 8:21:48 AM



#30
1,2,4-Trichlorobenzene
Concen: 3.989 ng
RT: 10.21 min Scan# 1245
Delta R.T. -0.01 min
Lab File: BP002643.D
Acq: 06 Jul 2020 11:54

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.3	78.2	117.2
145	28.5	22.6	34.0





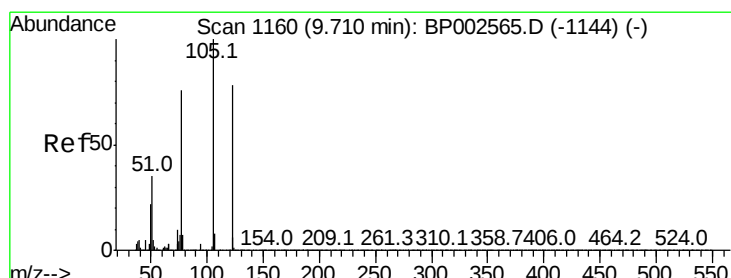
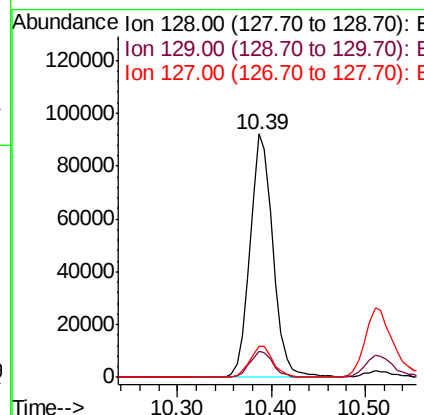
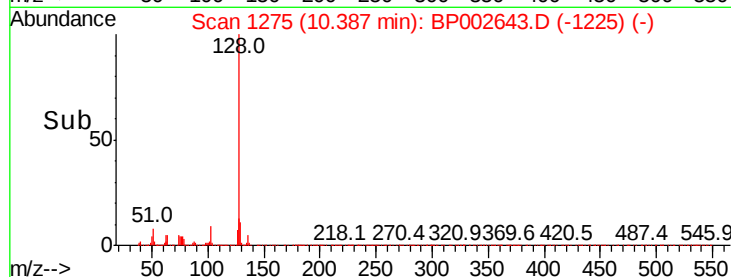
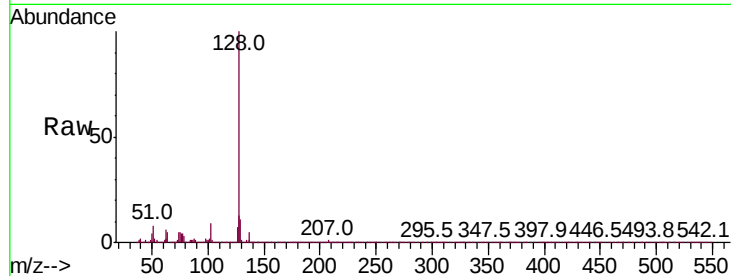
#31
Naphthalene
Concen: 3.854 ng
RT: 10.39 min Scan# 1275
Delta R.T. -0.01 min
Lab File: BP002643.D
Acq: 06 Jul 2020 11:54

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

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.6	13.0
127	12.6	10.3	15.5

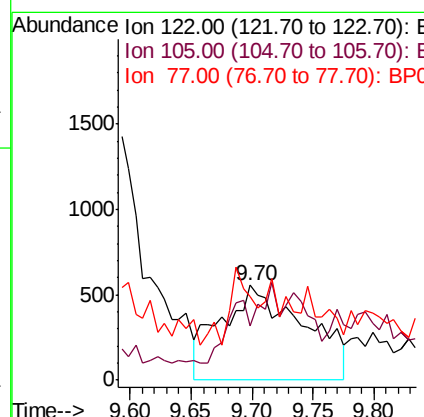
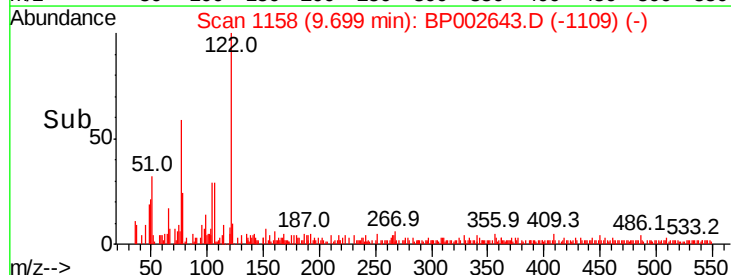
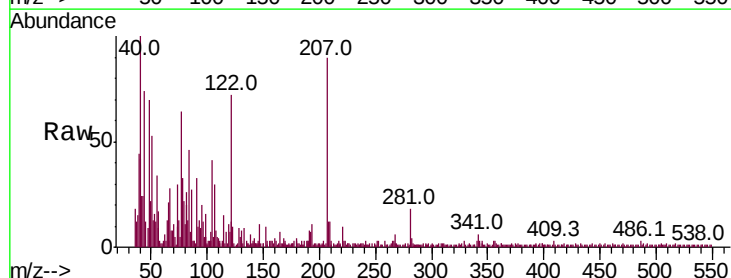
Manual Integrations
APPROVED

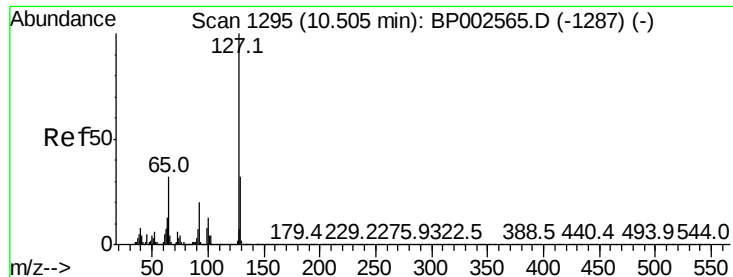
Sohil
7/7/2020 8:21:48 AM



#32
Benzoic acid
Concen: 8.958 ng m
RT: 9.70 min Scan# 1158
Delta R.T. -0.01 min
Lab File: BP002643.D
Acq: 06 Jul 2020 11:54

Tgt Ion	Ratio	Lower	Upper
122	100		
105	57.0	106.6	146.6#
77	88.3	76.5	116.5





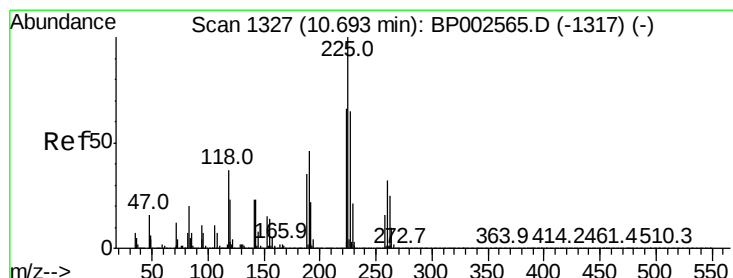
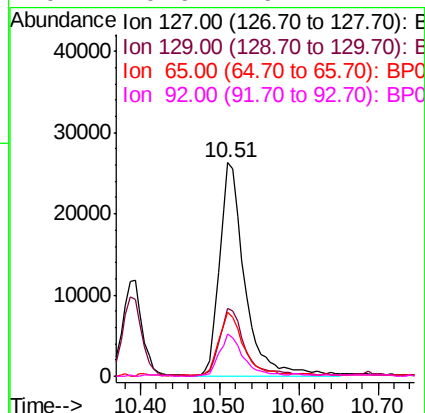
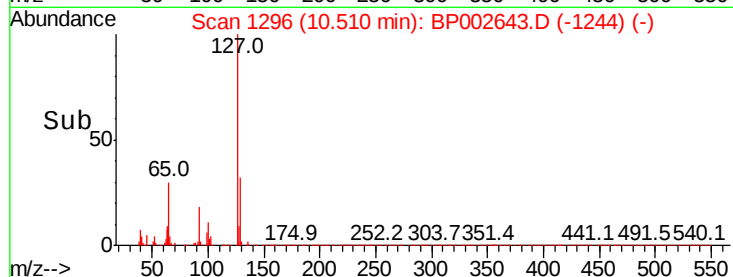
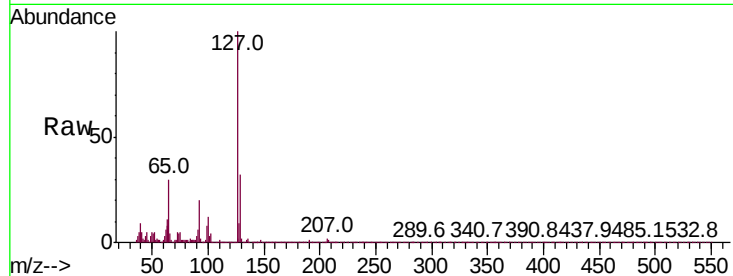
#33
4-Chloroaniline
Concen: 3.290 ng
RT: 10.51 min Scan# 1296
Delta R.T. 0.01 min
Lab File: BP002643.D
Acq: 06 Jul 2020 11:54

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

Tot Ion	Ratio	Lower	Upper
127	100		
129	31.7	25.7	38.5
65	30.0	25.7	38.5
92	19.6	16.1	24.1

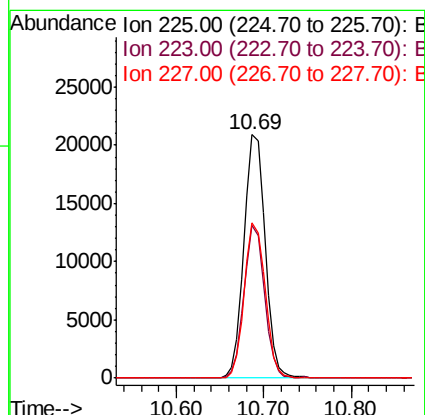
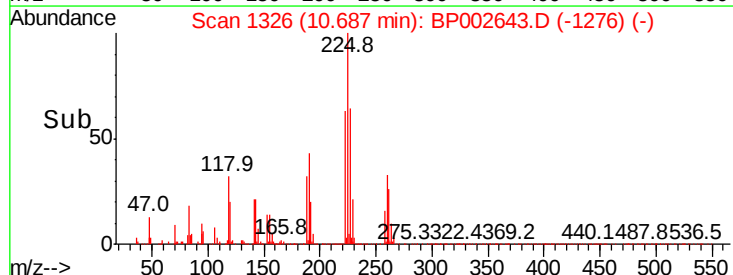
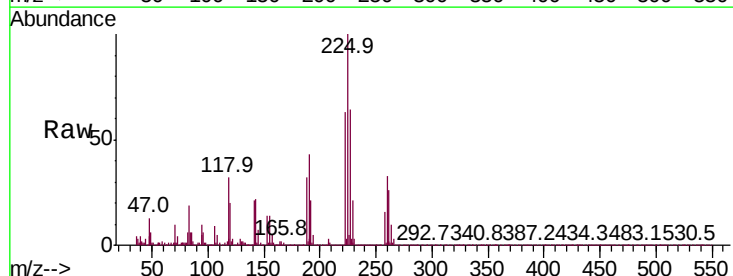
Manual Integrations
APPROVED

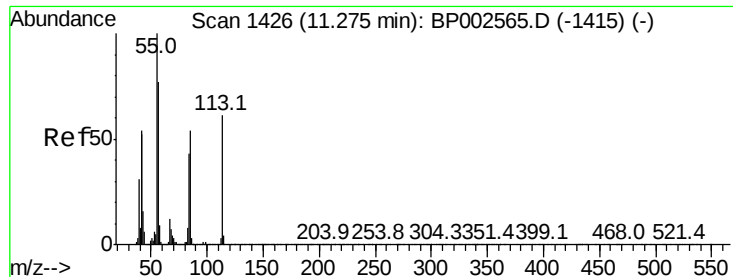
Sohil
7/7/2020 8:21:48 AM



#34
Hexachlorobutadiene
Concen: 3.975 ng
RT: 10.69 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BP002643.D
Acq: 06 Jul 2020 11:54

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.7	52.6	78.8
227	63.6	52.1	78.1





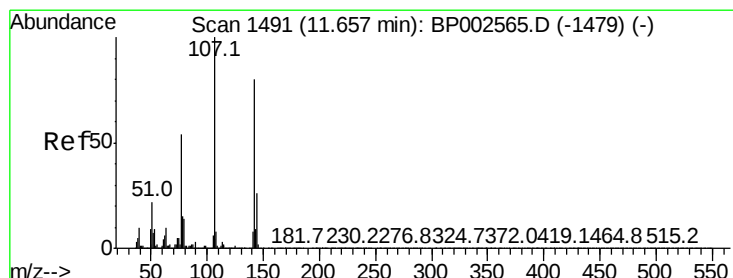
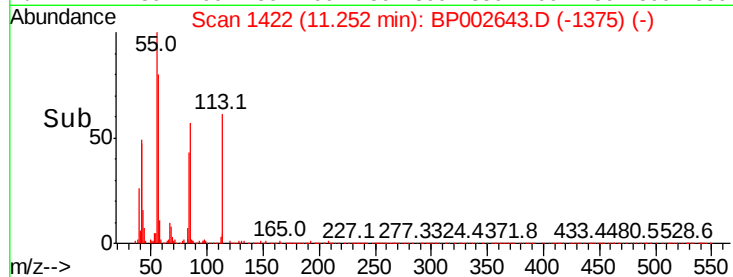
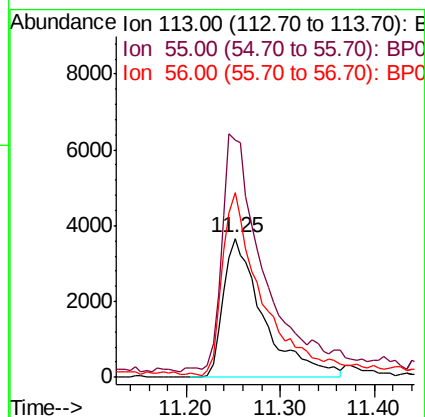
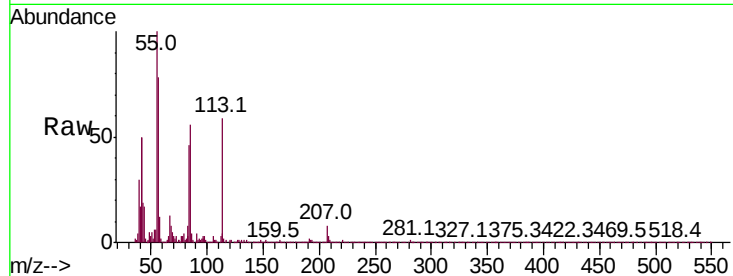
#35
Caprolactam
Concen: 2.590 ng
RT: 11.25 min Scan# 1422
Delta R.T. -0.02 min
Lab File: BP002643.D
Acq: 06 Jul 2020 11:54

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

Tot Ion	Ratio	Lower	Upper
113	100		
55	170.7	143.7	183.7
56	133.2	105.2	145.2

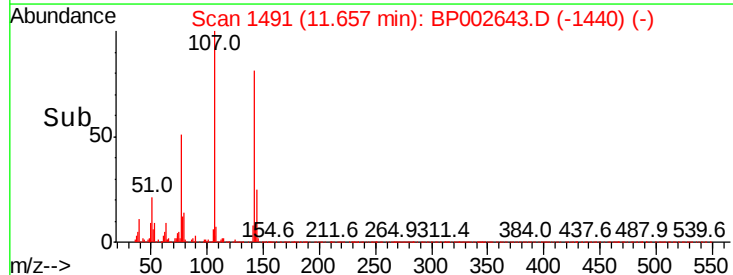
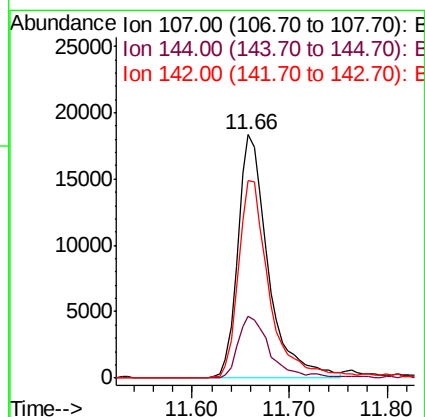
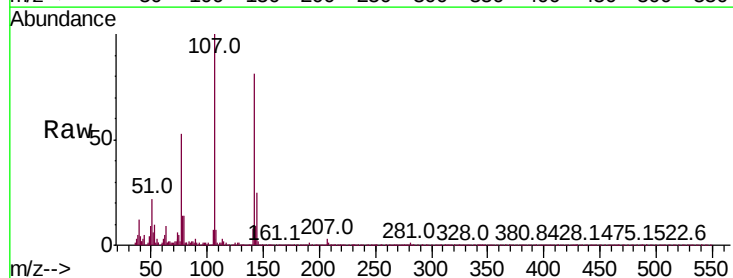
Manual Integrations
APPROVED

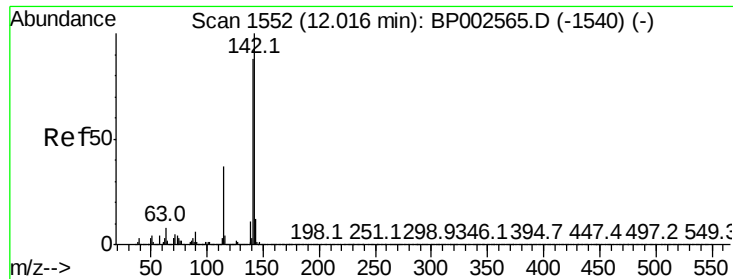
Sohil
7/7/2020 8:21:48 AM



#36
4-Chloro-3-methylphenol
Concen: 2.907 ng
RT: 11.66 min Scan# 1491
Delta R.T. 0.00 min
Lab File: BP002643.D
Acq: 06 Jul 2020 11:54

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.4	21.0	31.6
142	80.9	63.9	95.9





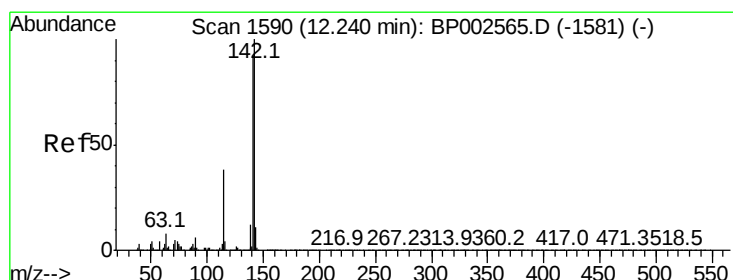
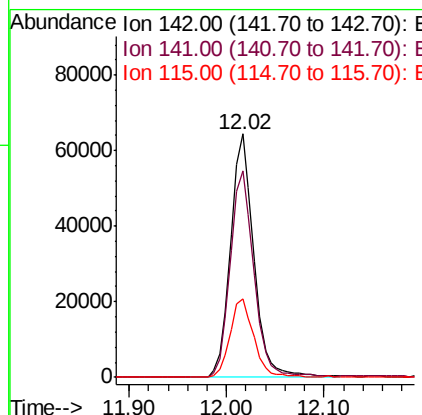
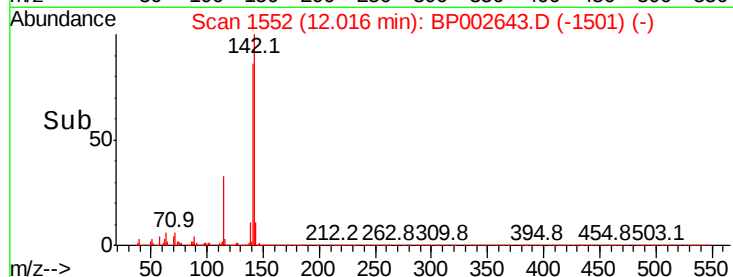
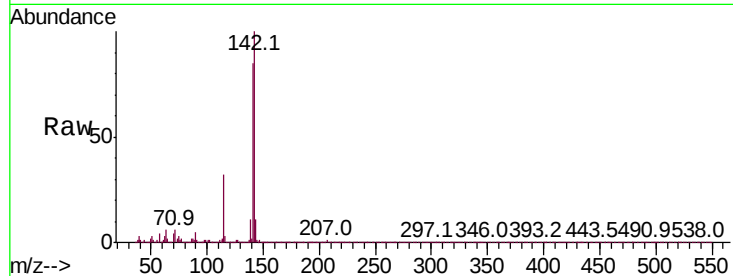
#37
2-Methylnaphthalene
Concen: 3.624 ng
RT: 12.02 min Scan# 1552
Delta R.T. 0.00 min
Lab File: BP002643.D
Acq: 06 Jul 2020 11:54

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

Tot Ion	Ratio	Resp	Lower	Upper
142	100	106167		
141	85.1	70.7	106.1	
115	32.4	29.7	44.5	

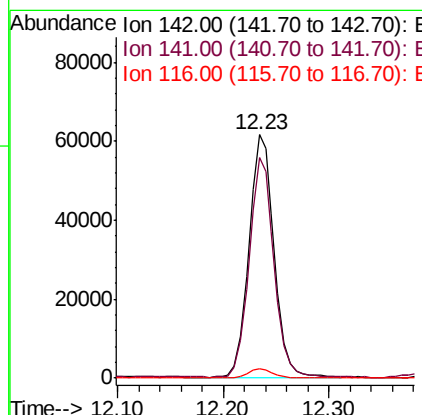
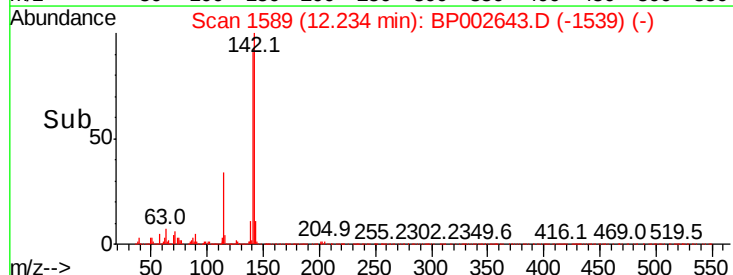
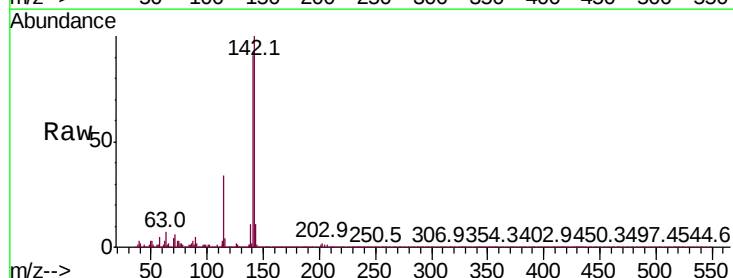
Manual Integrations
APPROVED

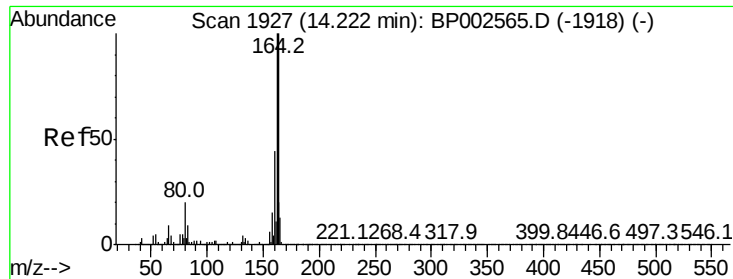
Sohil
7/7/2020 8:21:48 AM



#38
1-Methylnaphthalene
Concen: 3.657 ng
RT: 12.23 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BP002643.D
Acq: 06 Jul 2020 11:54

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	100900		
141	90.8	73.4	110.2	
116	3.9	3.2	4.8	





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.22 min Scan# 1926

Delta R.T. -0.01 min

Lab File: BP002643.D

Acq: 06 Jul 2020 11:54

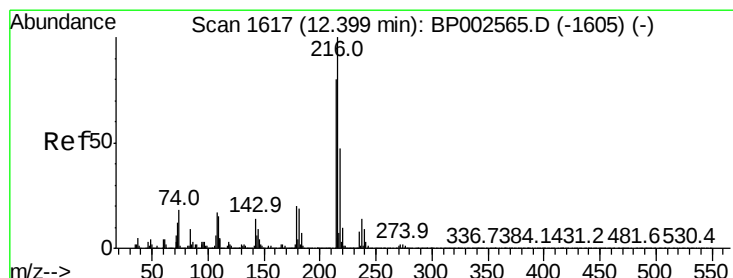
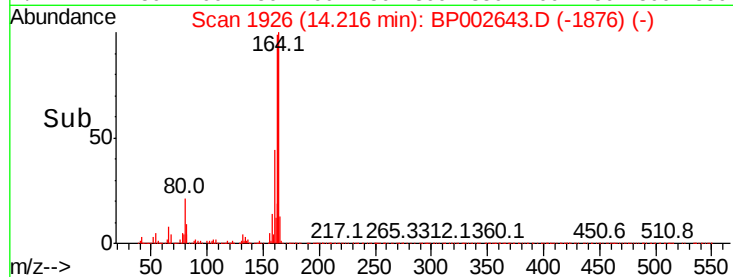
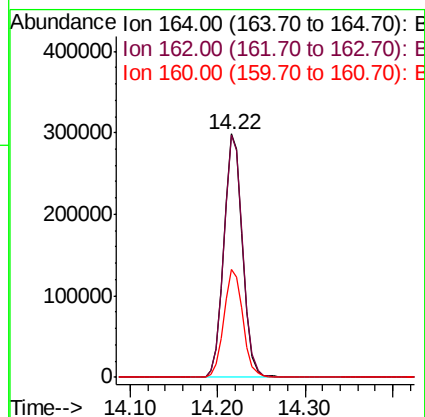
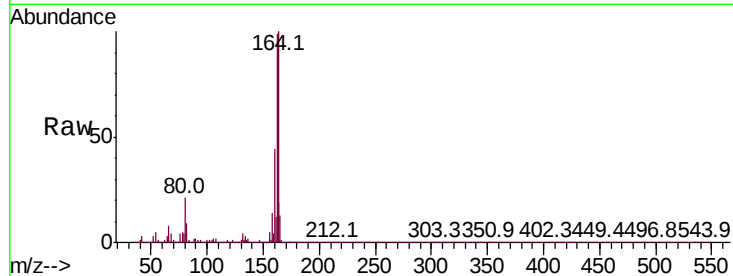
Instrument :
BNA_P

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

Tot Ion	Ratio	Lower	Upper
164	100		
162	99.3	80.3	120.5
160	44.5	35.0	52.6

Manual Integrations
APPROVED

Sohil
7/7/2020 8:21:48 AM



#40

1,2,4,5-Tetrachlorobenzene

Concen: 4.486 ng

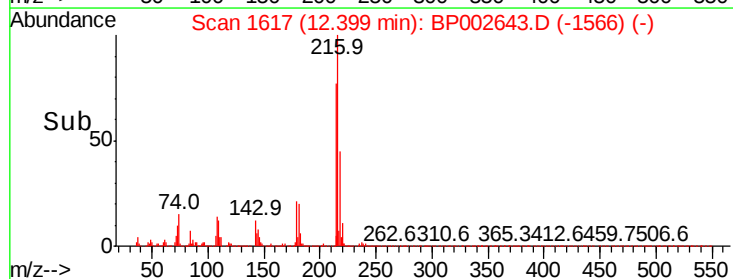
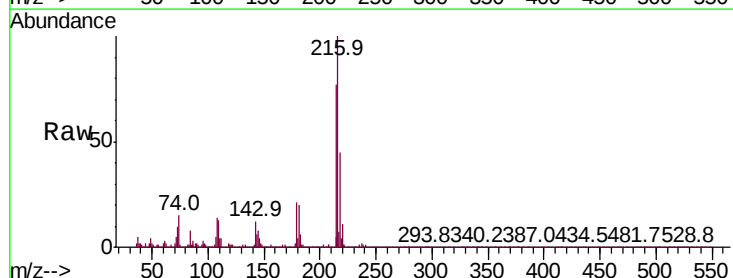
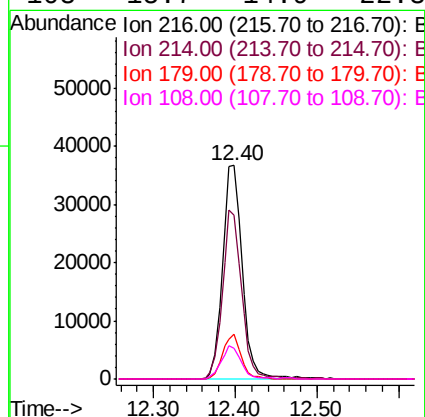
RT: 12.40 min Scan# 1617

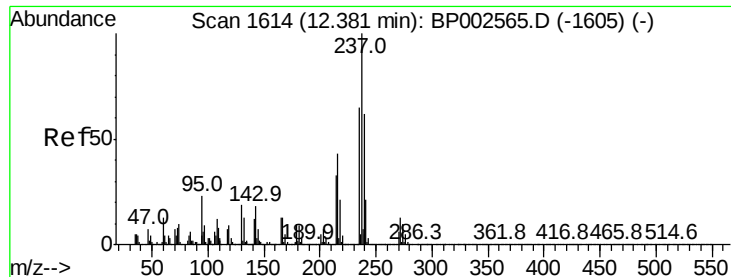
Delta R.T. 0.00 min

Lab File: BP002643.D

Acq: 06 Jul 2020 11:54

Tgt Ion	Ratio	Lower	Upper
216	100		
214	77.1	63.2	94.8
179	19.5	16.6	24.8
108	15.7	14.9	22.3





#41

Hexachlorocyclopentadiene

Concen: 5.529 ng

RT: 12.38 min Scan# 1614

Delta R.T. 0.00 min

Lab File: BP002643.D

Acq: 06 Jul 2020 11:54

Instrument :

BNA_P

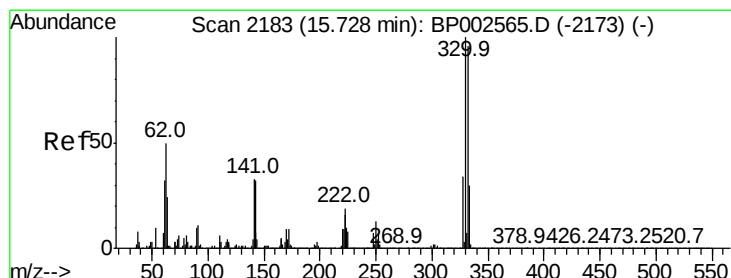
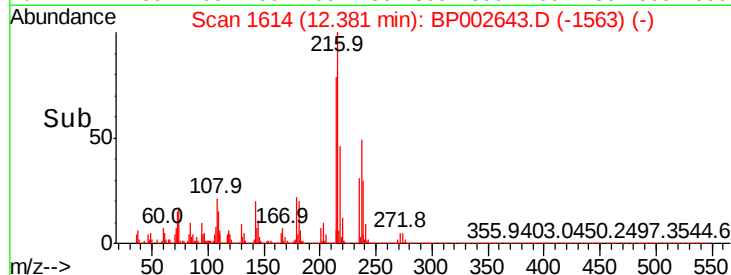
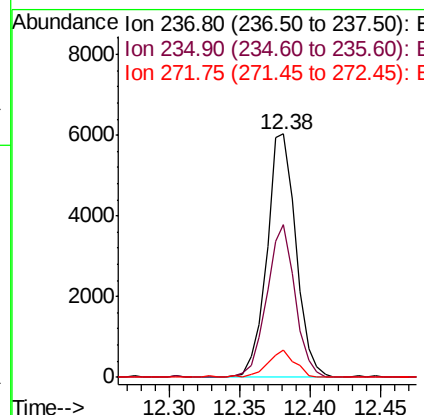
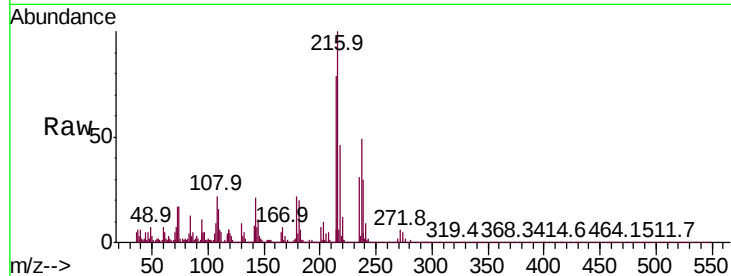
ClientSampleId :

LOD-MDL-SOIL-01-QT2-2020

Tot Ion:	237	Resp:	8720
Ion Ratio	Lower	Upper	
237	100		
235	63.0	45.4	85.4
272	11.4	0.0	32.6

Manual Integrations
APPROVED

Sohil
7/7/2020 8:21:48 AM



#42

2,4,6-Tribromophenol

Concen: 119.218 ng

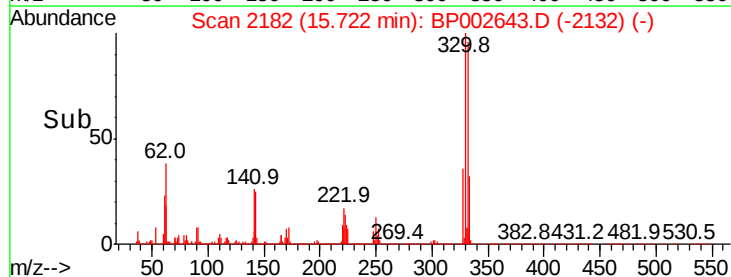
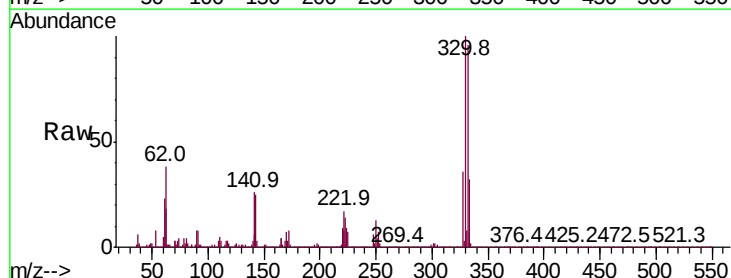
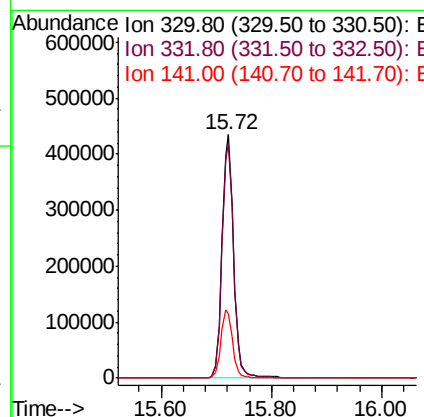
RT: 15.72 min Scan# 2182

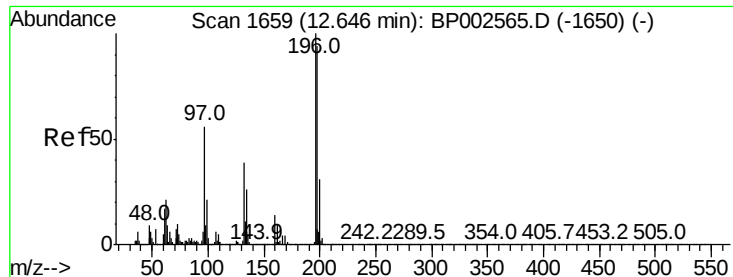
Delta R.T. -0.01 min

Lab File: BP002643.D

Acq: 06 Jul 2020 11:54

Tgt Ion:	330	Resp:	638834
Ion Ratio	Lower	Upper	
330	100		
332	97.4	77.7	116.5
141	28.3	29.0	43.6#





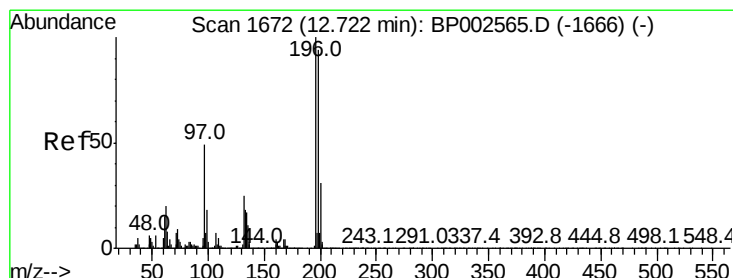
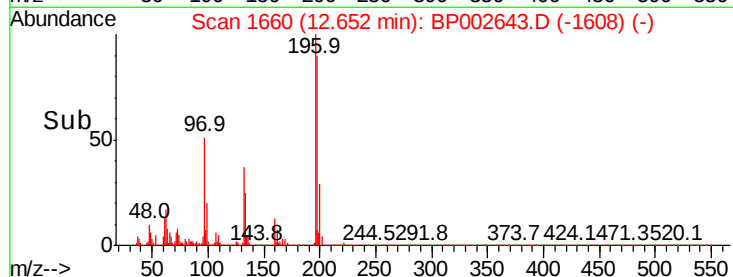
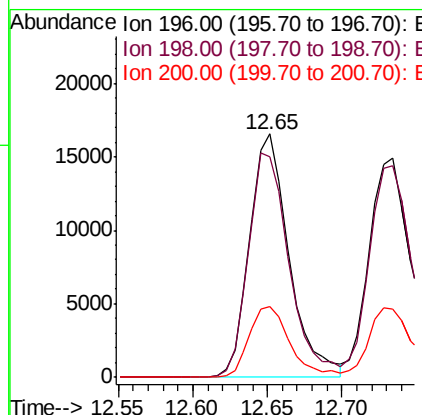
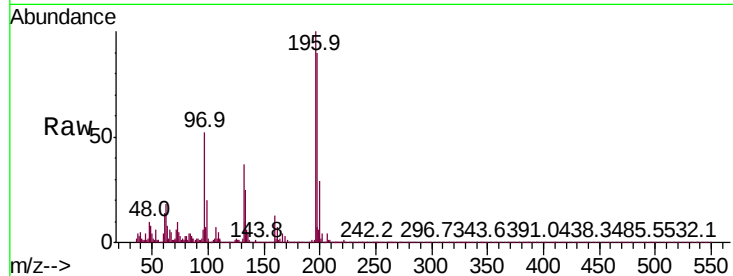
#43
2,4,6-Trichlorophenol
Concen: 3.254 ng
RT: 12.65 min Scan# 1660
Delta R.T. 0.01 min
Lab File: BP002643.D
Acq: 06 Jul 2020 11:54

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

Tot Ion	Ratio	Resp	Lower	Upper
196	100	30289		
198	90.5		75.3	112.9
200	29.2		24.6	36.8

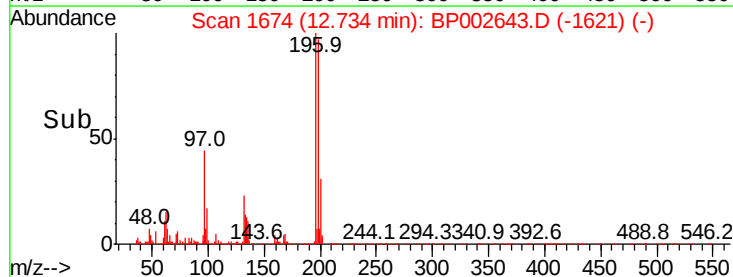
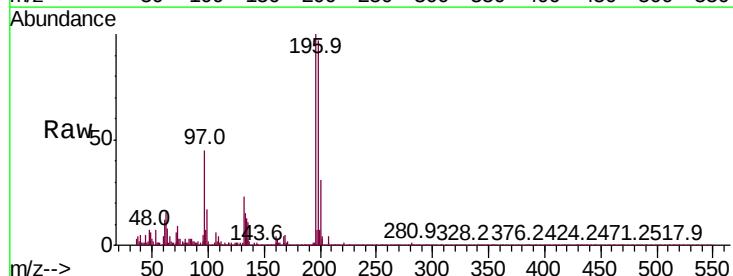
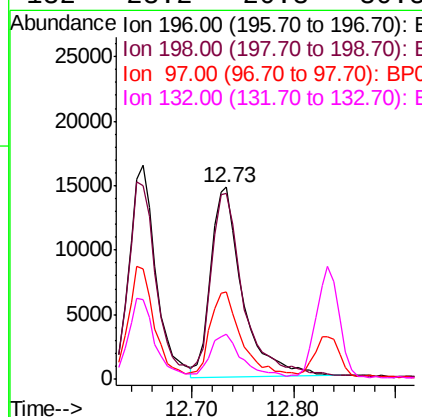
Manual Integrations
APPROVED

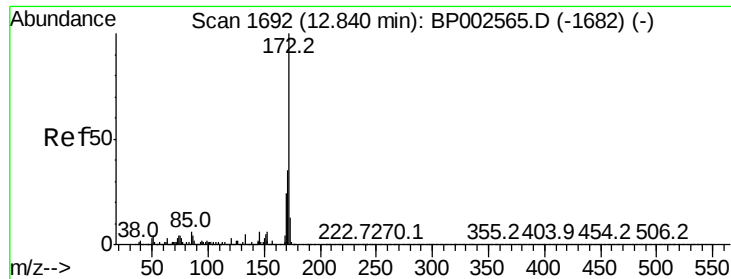
Sohil
7/7/2020 8:21:48 AM



#44
2,4,5-Trichlorophenol
Concen: 2.998 ng
RT: 12.73 min Scan# 1674
Delta R.T. 0.01 min
Lab File: BP002643.D
Acq: 06 Jul 2020 11:54

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	32121		
198	96.8		75.4	113.0
97	45.1		39.3	58.9
132	23.2		20.3	30.5





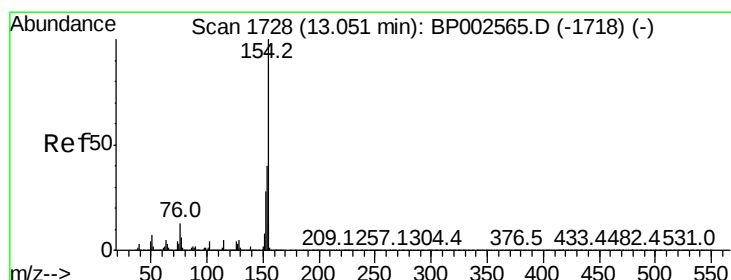
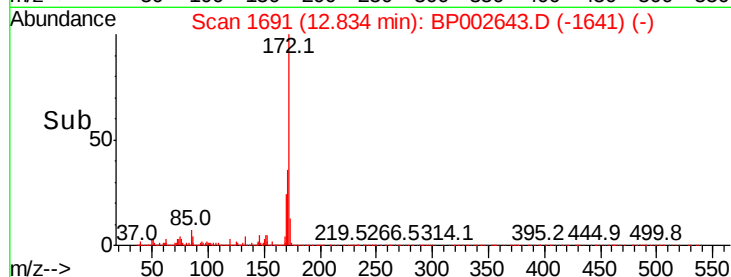
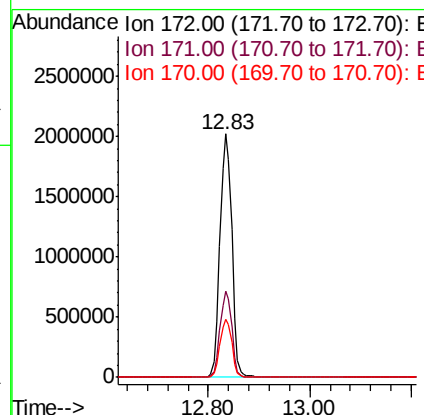
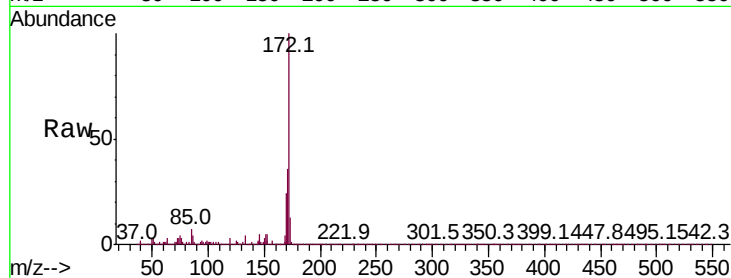
#45
2-Fluorobiphenyl
Concen: 109.862 ng
RT: 12.83 min Scan# 1691
Delta R.T. -0.01 min
Lab File: BP002643.D
Acq: 06 Jul 2020 11:54

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

Tot Ion:172 Resp: 3288514
Ion Ratio Lower Upper
172 100
171 35.6 28.0 42.0
170 23.6 19.0 28.4

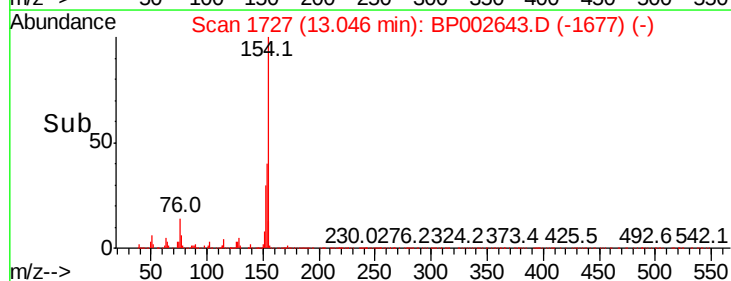
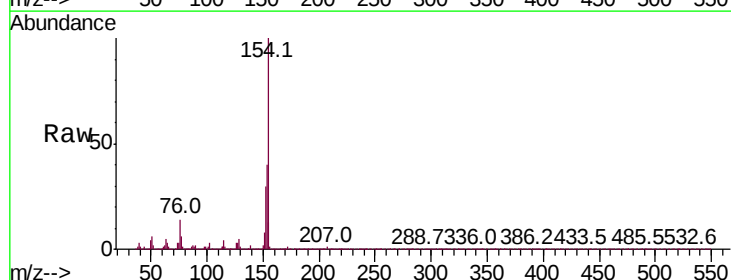
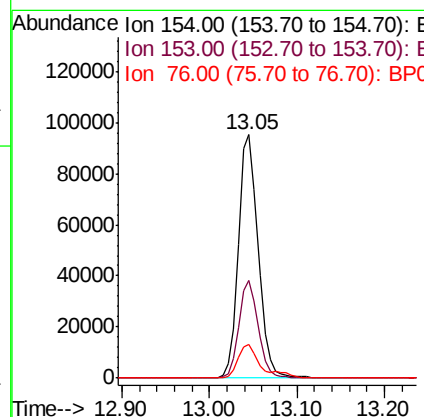
Manual Integrations
APPROVED

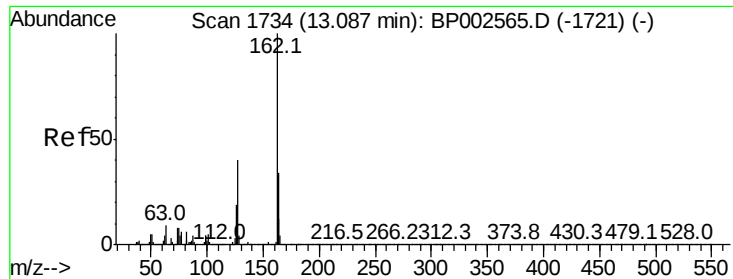
Sohil
7/7/2020 8:21:48 AM



#46
1,1'-Biphenyl
Concen: 4.359 ng
RT: 13.05 min Scan# 1727
Delta R.T. -0.01 min
Lab File: BP002643.D
Acq: 06 Jul 2020 11:54

Tgt Ion:154 Resp: 145253
Ion Ratio Lower Upper
154 100
153 40.3 20.0 60.0
76 13.6 0.0 33.0





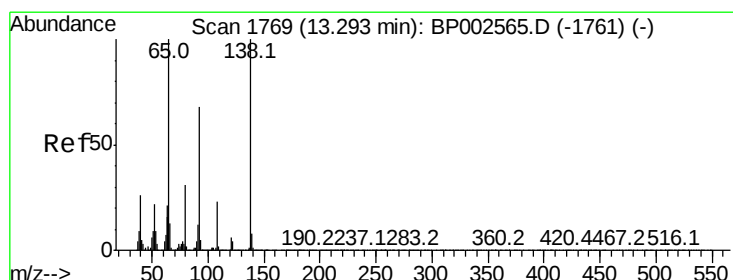
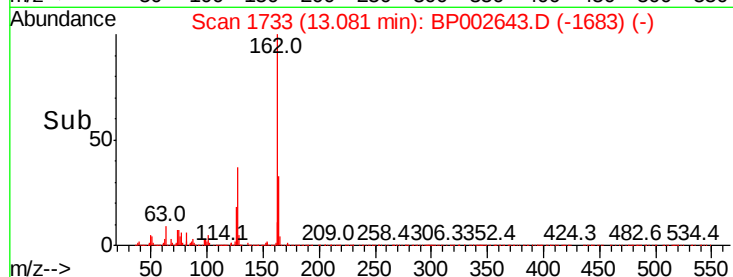
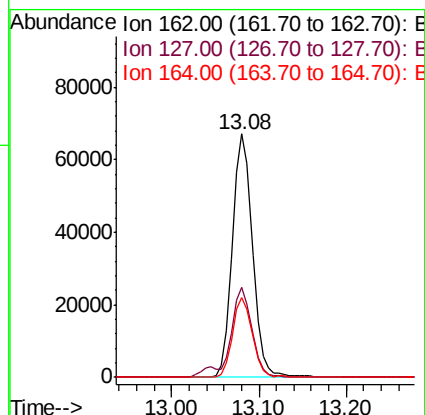
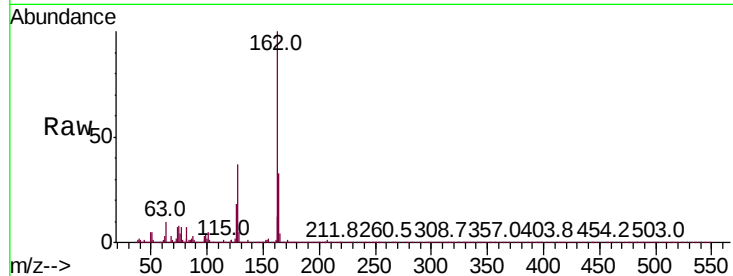
#47
2-Chloronaphthalene
Concen: 3.844 ng
RT: 13.08 min Scan# 1733
Delta R.T. -0.01 min
Lab File: BP002643.D
Acq: 06 Jul 2020 11:54

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

Tot Ion	Ratio	Lower	Upper
162	100		
127	37.1	31.7	47.5
164	32.7	27.3	40.9

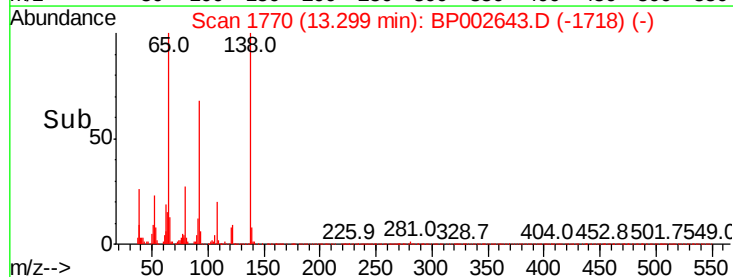
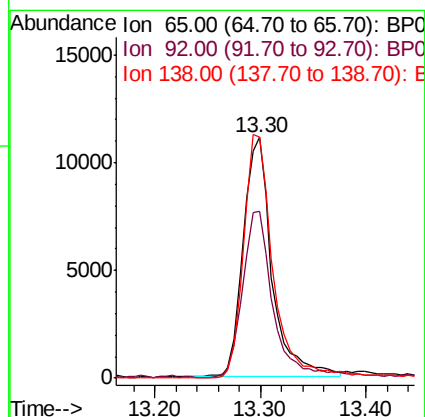
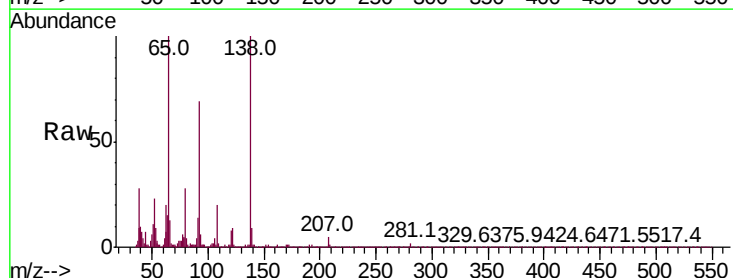
Manual Integrations
APPROVED

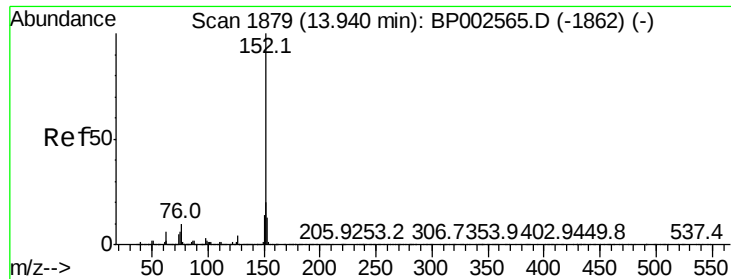
Sohil
7/7/2020 8:21:48 AM



#48
2-Nitroaniline
Concen: 2.437 ng
RT: 13.30 min Scan# 1770
Delta R.T. 0.01 min
Lab File: BP002643.D
Acq: 06 Jul 2020 11:54

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.2	54.2	81.4
138	100.1	79.8	119.8





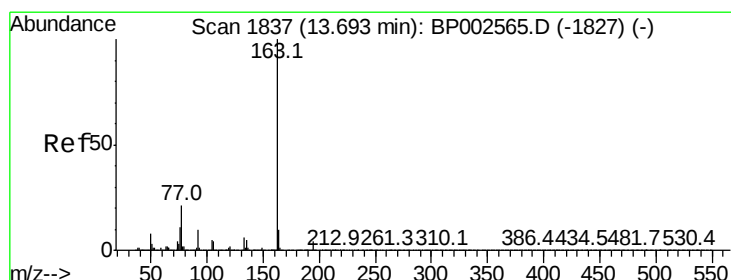
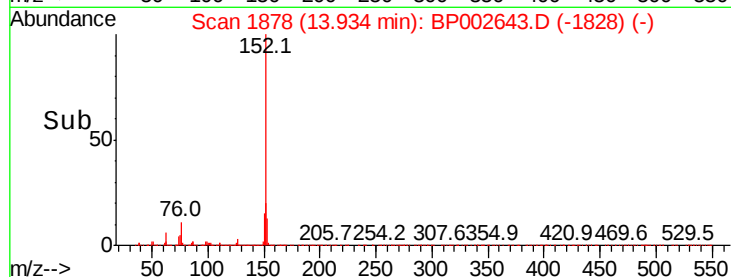
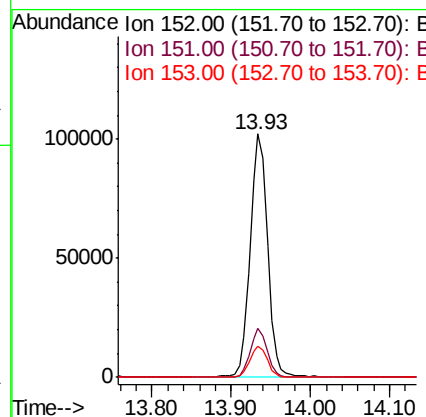
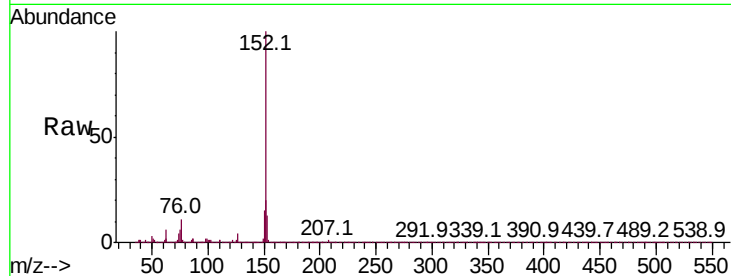
#49
Acenaphthylene
Concen: 3.669 ng
RT: 13.93 min Scan# 1878
Delta R.T. -0.01 min
Lab File: BP002643.D
Acq: 06 Jul 2020 11:54

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

Tot Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.7	23.5
153	13.0	10.2	15.2

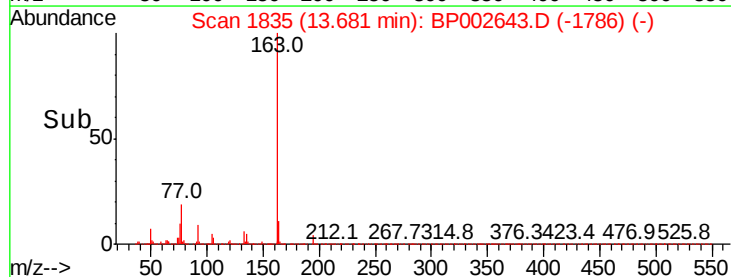
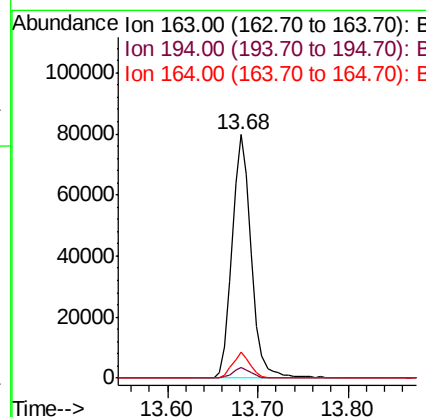
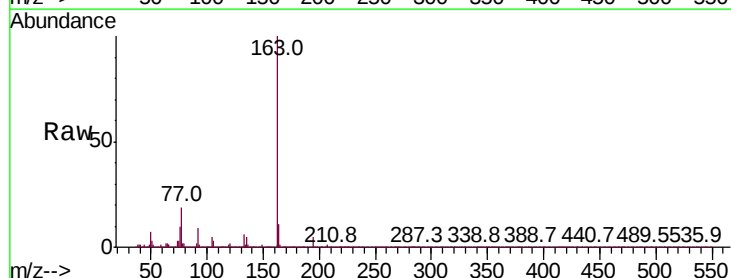
Manual Integrations
APPROVED

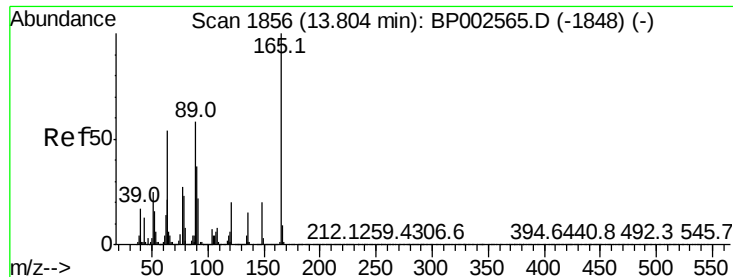
Sohil
7/7/2020 8:21:48 AM



#50
Dimethylphthalate
Concen: 3.376 ng
RT: 13.68 min Scan# 1835
Delta R.T. -0.01 min
Lab File: BP002643.D
Acq: 06 Jul 2020 11:54

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.4	5.0
164	10.9	8.2	12.4





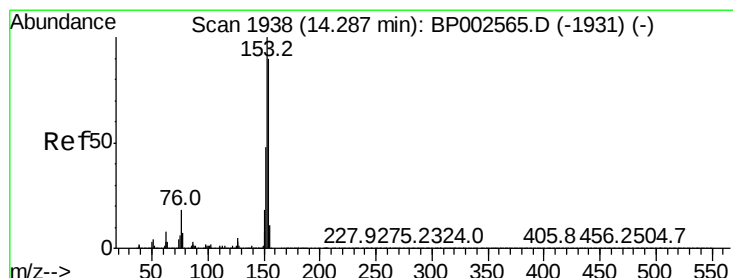
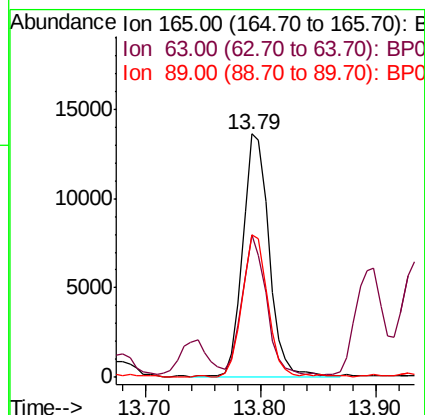
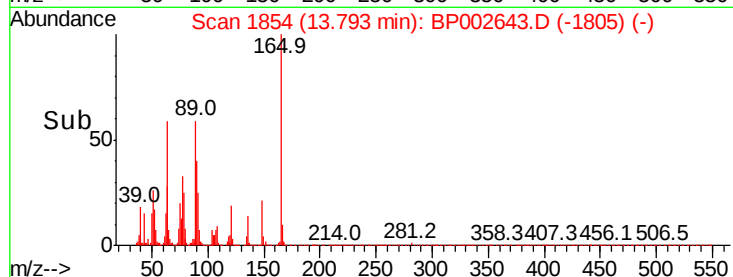
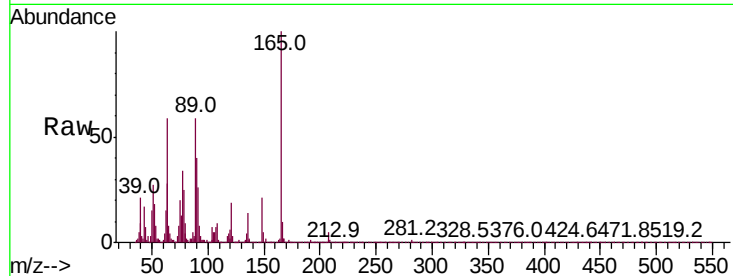
#51
2,6-Dinitrotoluene
Concen: 2.848 ng
RT: 13.79 min Scan# 1854
Delta R.T. -0.01 min
Lab File: BP002643.D
Acq: 06 Jul 2020 11:54

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

Tot Ion	Ratio	Lower	Upper
165	100		
63	58.7	46.6	69.8
89	58.7	46.3	69.5

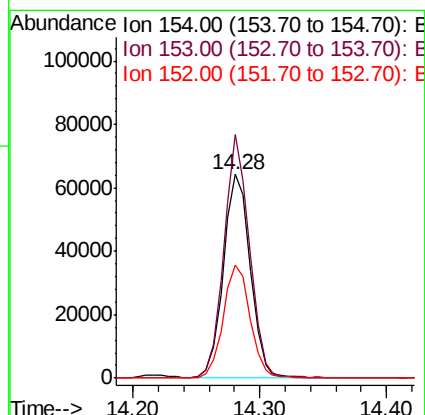
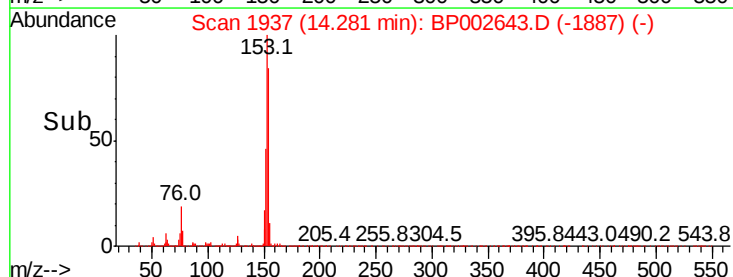
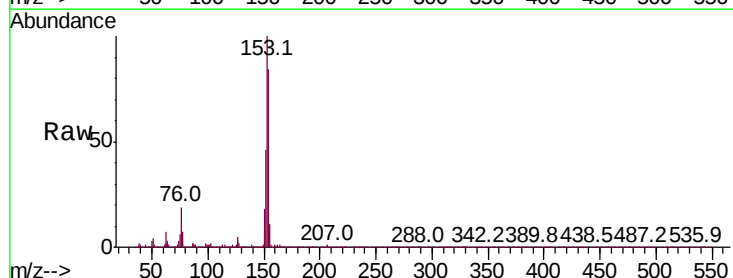
Manual Integrations
APPROVED

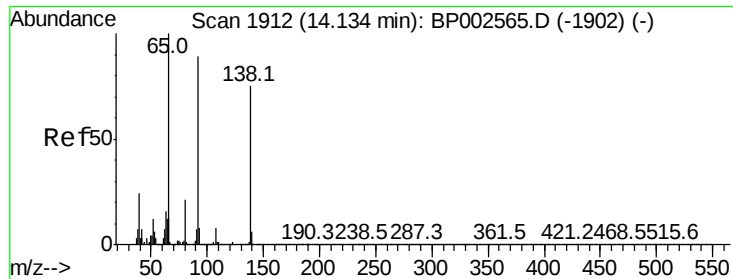
Sohil
7/7/2020 8:21:48 AM



#52
Acenaphthene
Concen: 3.724 ng
RT: 14.28 min Scan# 1937
Delta R.T. -0.01 min
Lab File: BP002643.D
Acq: 06 Jul 2020 11:54

Tgt Ion	Ratio	Lower	Upper
154	100		
153	119.7	89.1	133.7
152	55.5	43.2	64.8





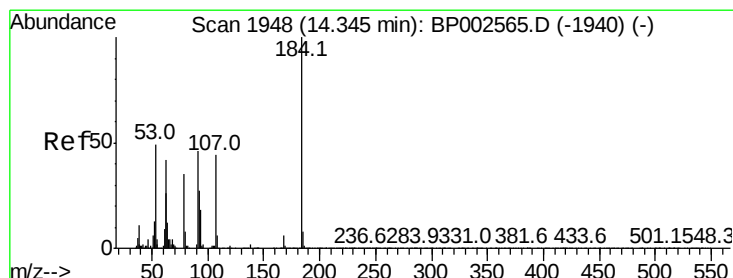
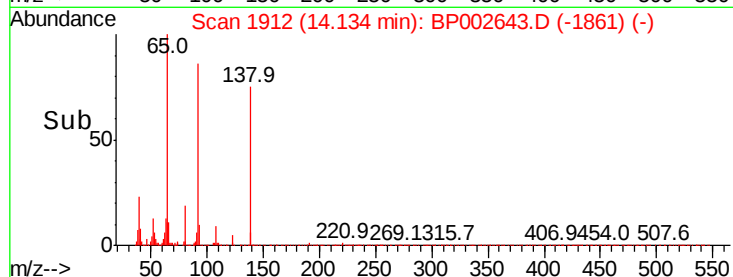
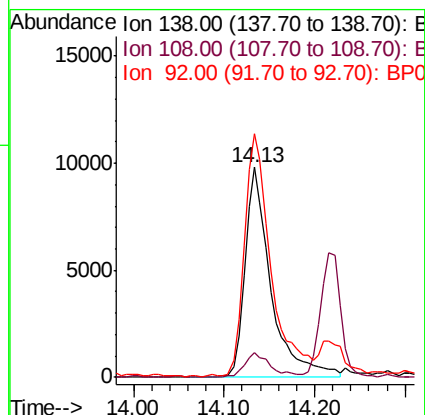
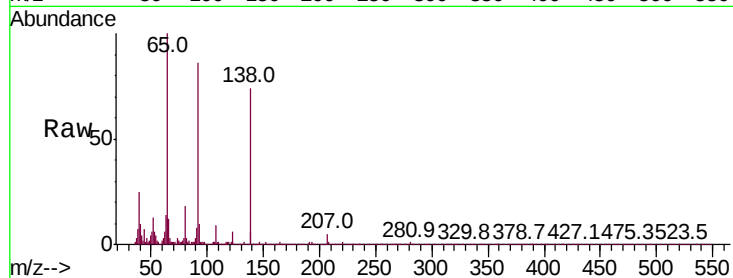
#53
3-Nitroaniline
Concen: 2.381 ng
RT: 14.13 min Scan# 1912
Delta R.T. 0.00 min
Lab File: BP002643.D
Acq: 06 Jul 2020 11:54

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

Tot Ion	Ratio	Lower	Upper
138	100		
108	12.0	8.6	12.8
92	116.0	94.9	142.3

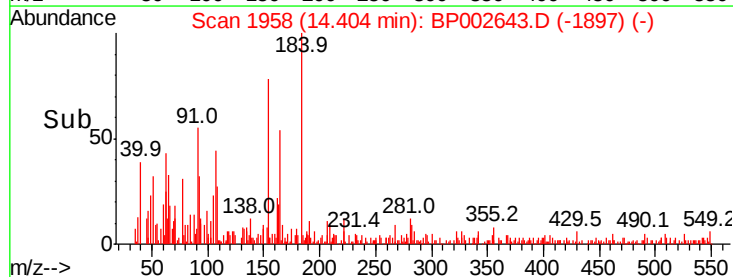
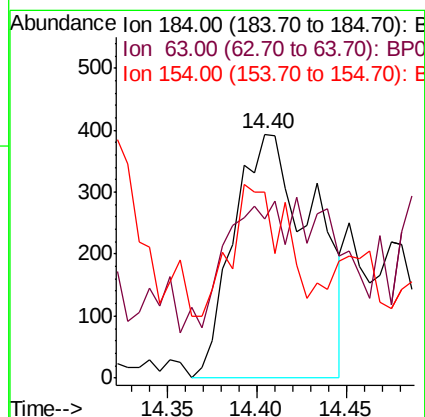
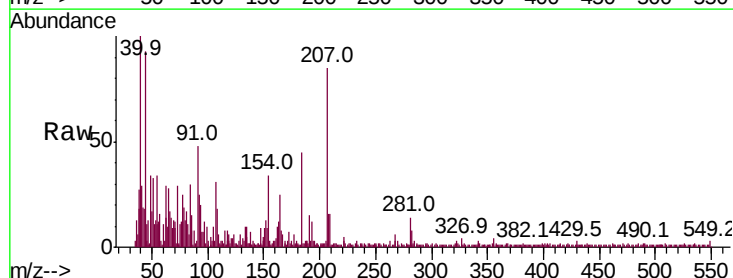
Manual Integrations
APPROVED

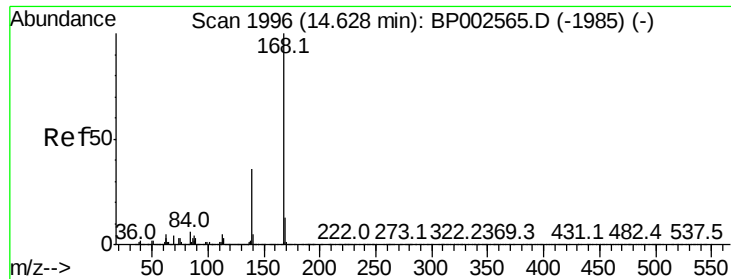
Sohil
7/7/2020 8:21:48 AM



#54
2,4-Dinitrophenol
Concen: 6.252 ng m
RT: 14.40 min Scan# 1958
Delta R.T. 0.06 min
Lab File: BP002643.D
Acq: 06 Jul 2020 11:54

Tgt Ion	Ratio	Lower	Upper
184	100		
63	65.1	56.2	84.2
154	76.6	50.9	76.3#





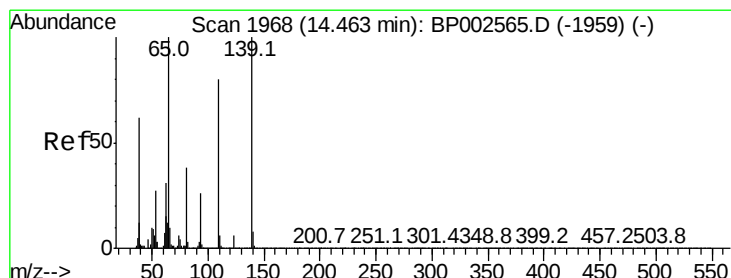
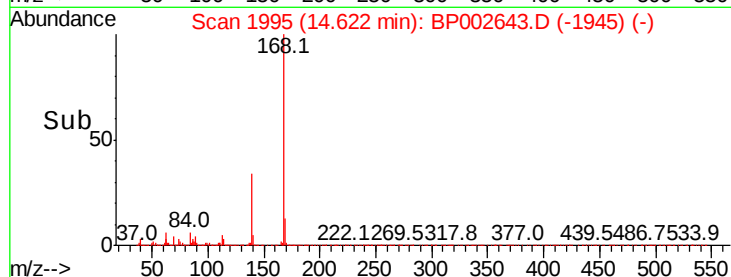
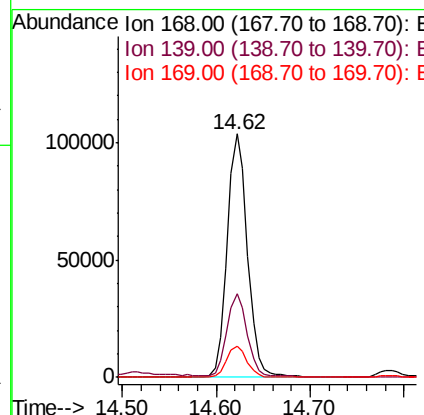
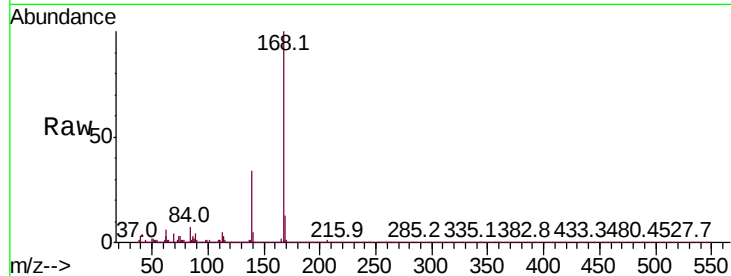
#55
Dibenzenofuran
Concen: 3.841 ng
RT: 14.62 min Scan# 1995
Delta R.T. -0.01 min
Lab File: BP002643.D
Acq: 06 Jul 2020 11:54

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

Tot Ion	Ratio	Lower	Upper
168	100		
139	34.1	29.3	43.9
169	12.9	10.6	15.8

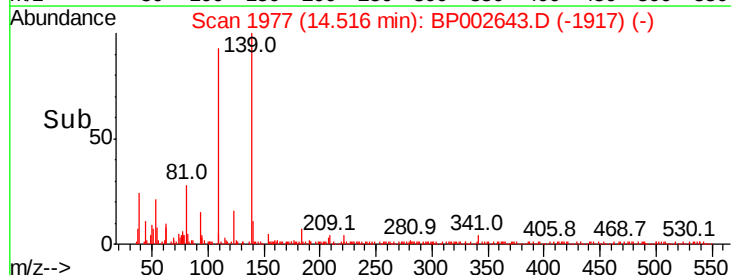
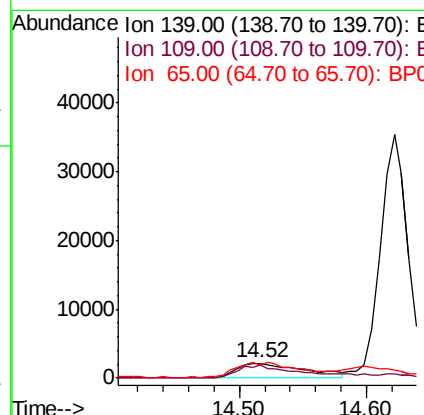
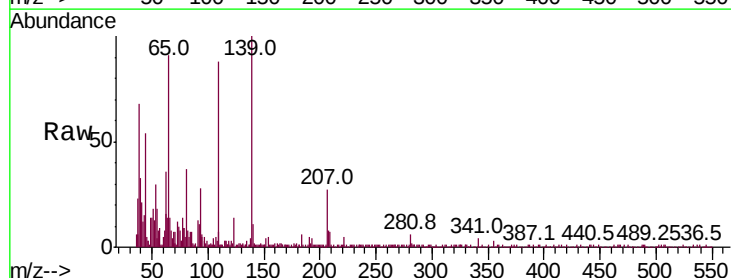
Manual Integrations
APPROVED

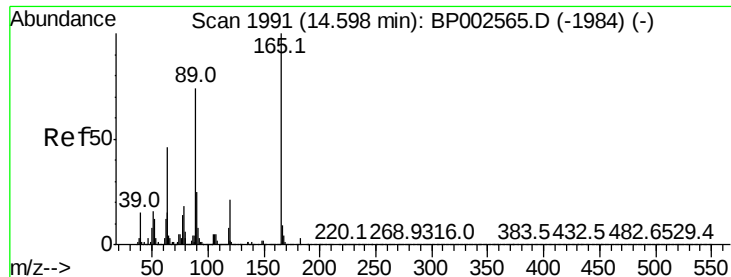
Sohil
7/7/2020 8:21:48 AM



#56
4-Nitrophenol
Concen: 3.627 ng
RT: 14.52 min Scan# 1977
Delta R.T. 0.05 min
Lab File: BP002643.D
Acq: 06 Jul 2020 11:54

Tgt Ion	Ratio	Lower	Upper
139	100		
109	88.0	60.1	100.1
65	91.4	80.3	120.3





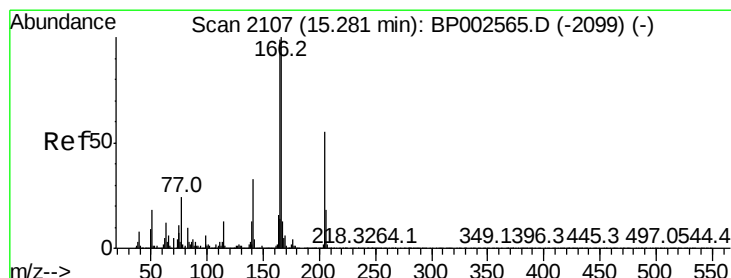
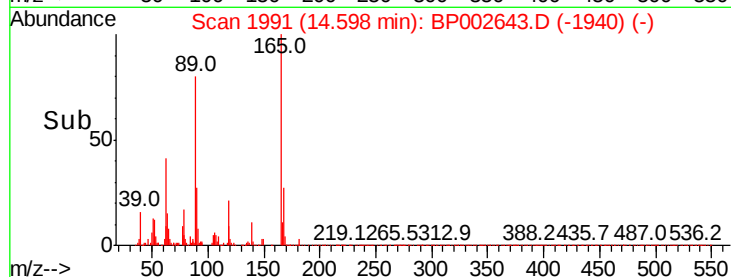
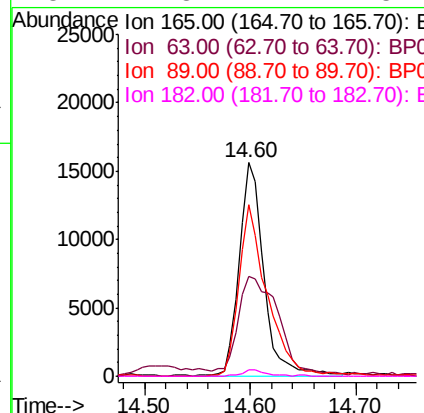
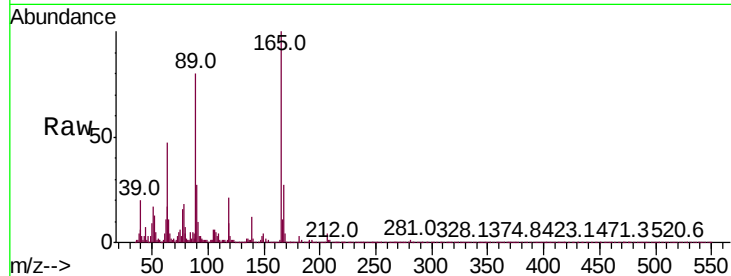
#57
2,4-Dinitrotoluene
Concen: 2.480 ng
RT: 14.60 min Scan# 1991
Delta R.T. 0.00 min
Lab File: BP002643.D
Acq: 06 Jul 2020 11:54

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

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	47.0		37.3	55.9
89	80.2		59.4	89.0
182	2.8		2.2	3.2

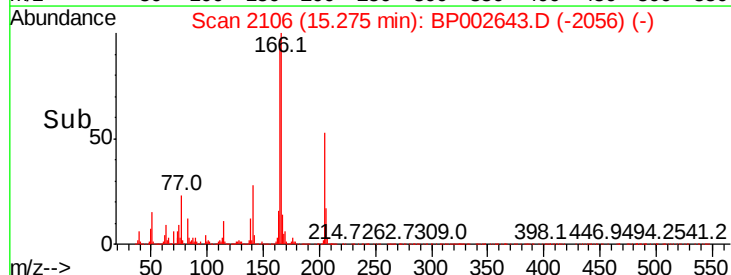
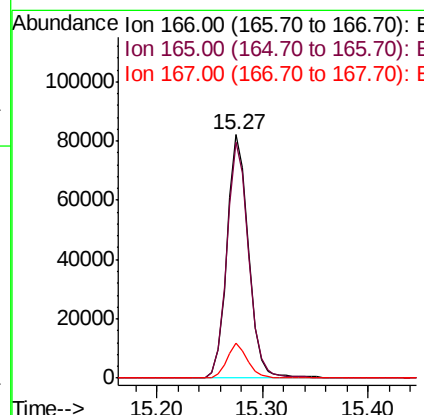
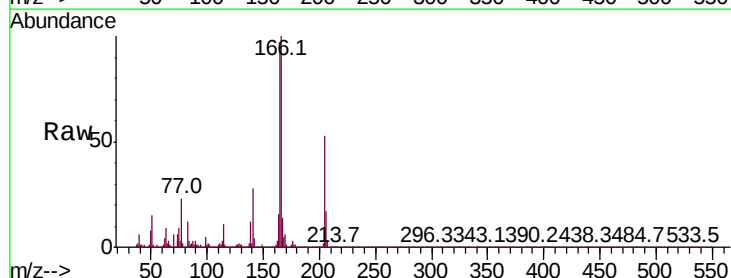
Manual Integrations
APPROVED

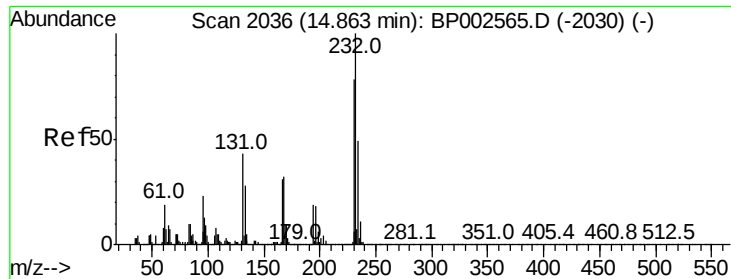
Sohil
7/7/2020 8:21:48 AM



#58
Fluorene
Concen: 3.738 ng
RT: 15.27 min Scan# 2106
Delta R.T. -0.01 min
Lab File: BP002643.D
Acq: 06 Jul 2020 11:54

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	97.0		79.1	118.7
167	14.3		10.8	16.2





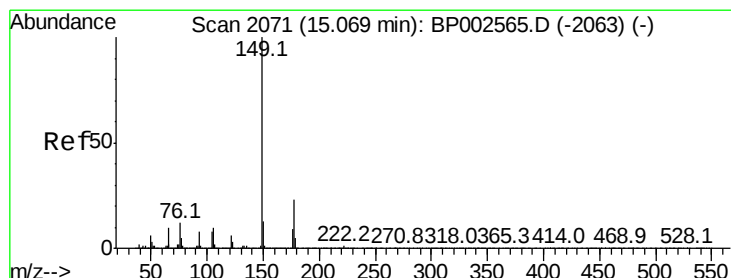
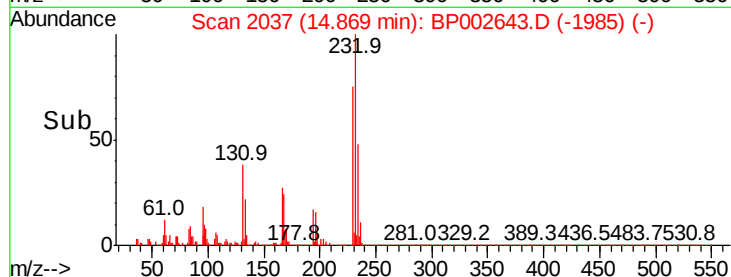
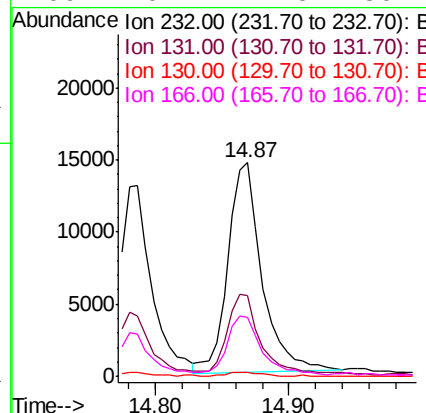
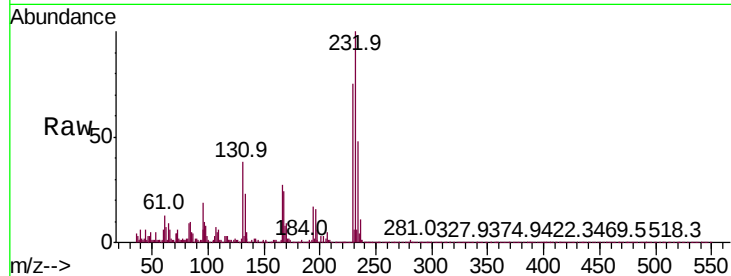
#59
2,3,4,6-Tetrachlorophenol
Concen: 3.000 ng
RT: 14.87 min Scan# 2037
Delta R.T. 0.01 min
Lab File: BP002643.D
Acq: 06 Jul 2020 11:54

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

Tot Ion	Ratio	Lower	Upper
232	100		
131	38.5	34.4	51.6
130	2.1	1.8	2.6
166	29.1	24.5	36.7

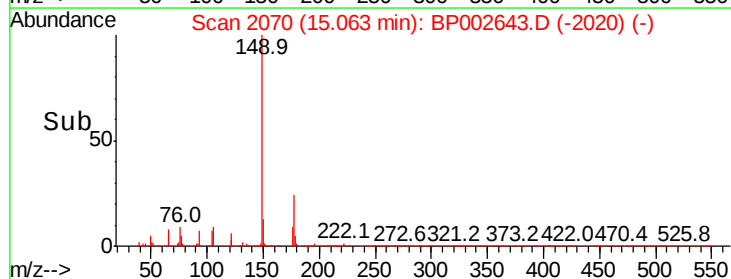
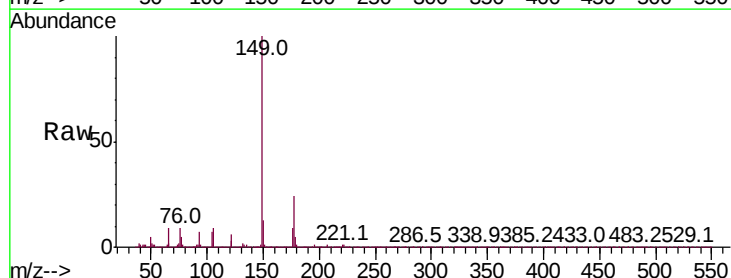
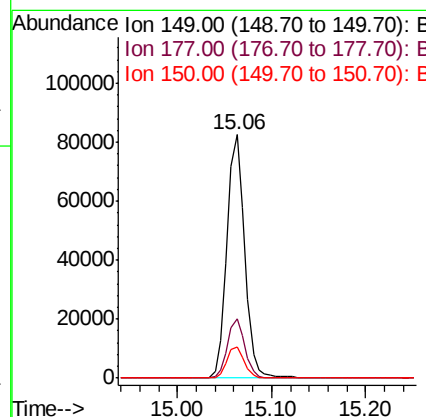
Manual Integrations
APPROVED

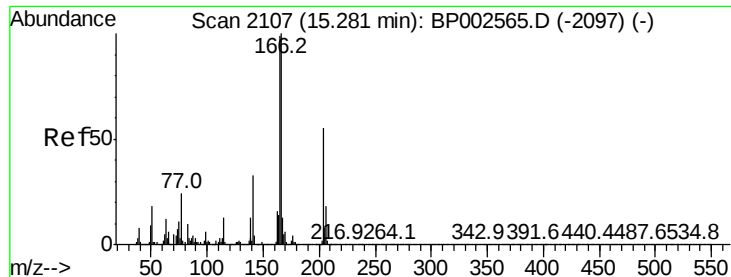
Sohil
7/7/2020 8:21:48 AM



#60
Diethylphthalate
Concen: 3.181 ng
RT: 15.06 min Scan# 2070
Delta R.T. -0.01 min
Lab File: BP002643.D
Acq: 06 Jul 2020 11:54

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.4	18.6	27.8
150	12.8	10.2	15.2





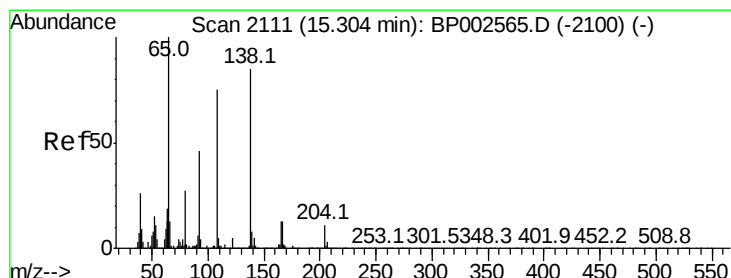
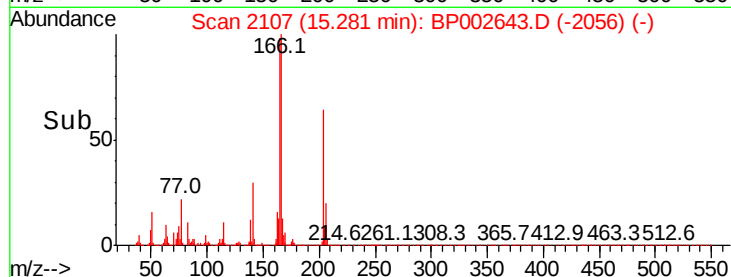
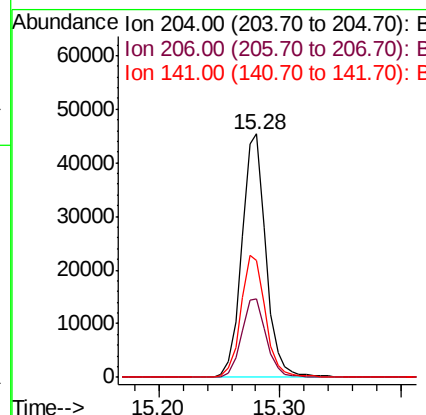
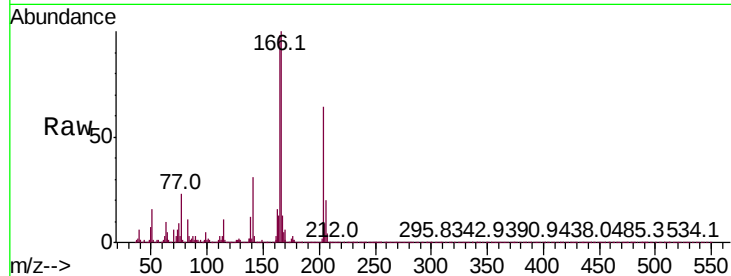
#61
4-Chlorophenyl-phenylether
Concen: 3.774 ng
RT: 15.28 min Scan# 2107
Delta R.T. 0.00 min
Lab File: BP002643.D
Acq: 06 Jul 2020 11:54

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

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.0	26.6	39.8
141	47.9	47.7	71.5

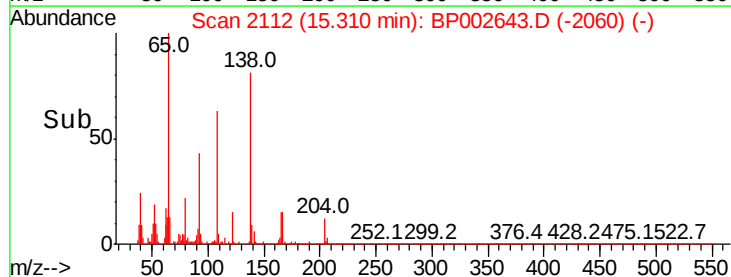
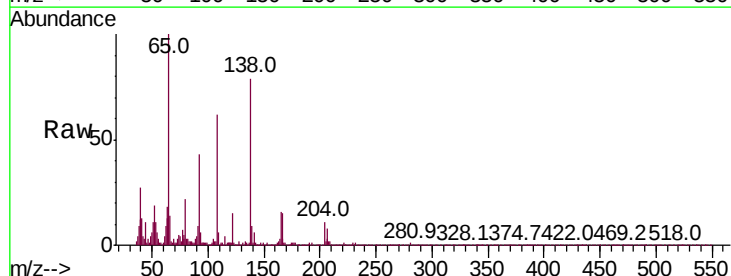
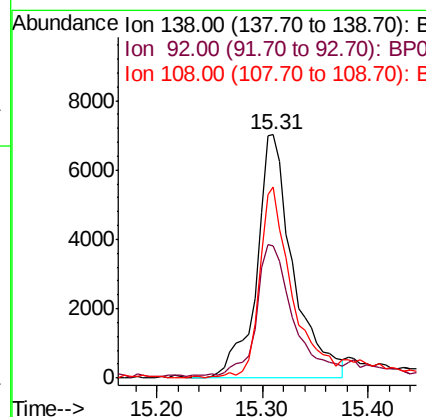
Manual Integrations
APPROVED

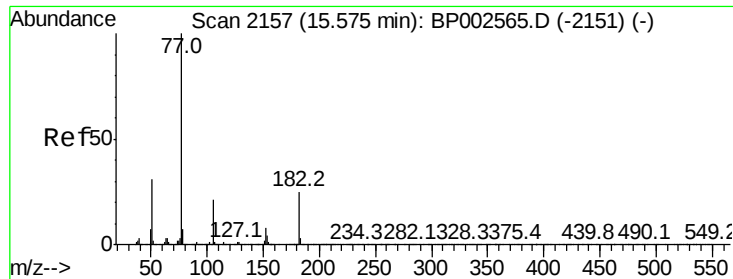
Sohil
7/7/2020 8:21:48 AM



#62
4-Nitroaniline
Concen: 2.077 ng
RT: 15.31 min Scan# 2112
Delta R.T. 0.01 min
Lab File: BP002643.D
Acq: 06 Jul 2020 11:54

Tgt Ion	Ratio	Lower	Upper
138	100		
92	54.5	33.9	73.9
108	78.5	67.8	107.8





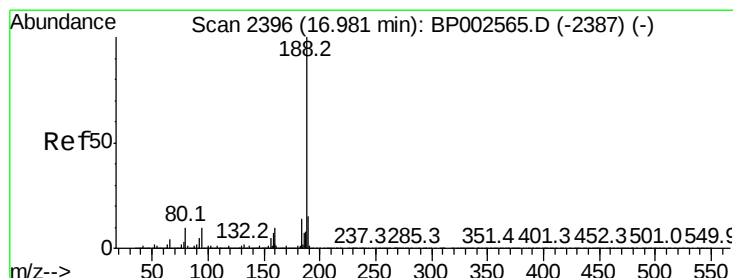
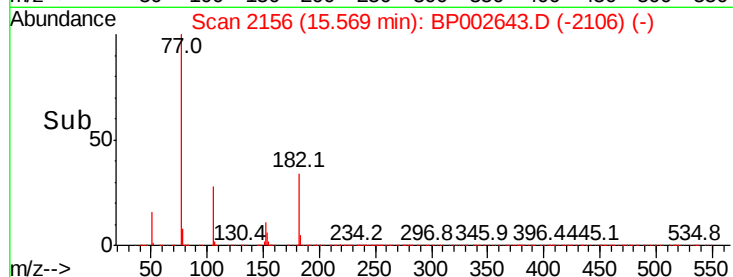
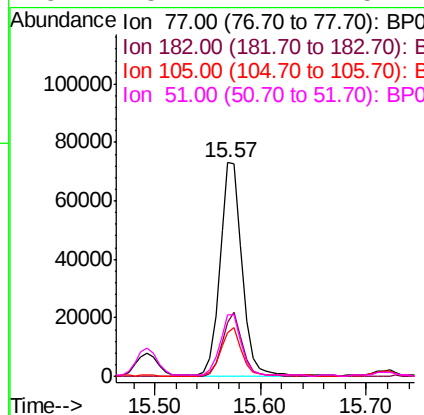
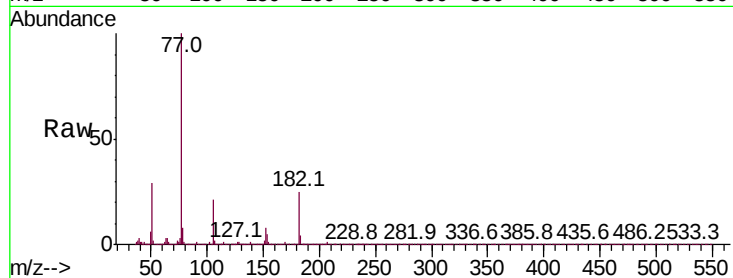
#63
Azobenzene
Concen: 3.174 ng
RT: 15.57 min Scan# 2156
Delta R.T. -0.01 min
Lab File: BP002643.D
Acq: 06 Jul 2020 11:54

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

Tot Ion	Ratio	Lower	Upper
77	100		
182	25.4	4.7	44.7
105	20.5	0.6	40.6
51	28.7	11.2	51.2

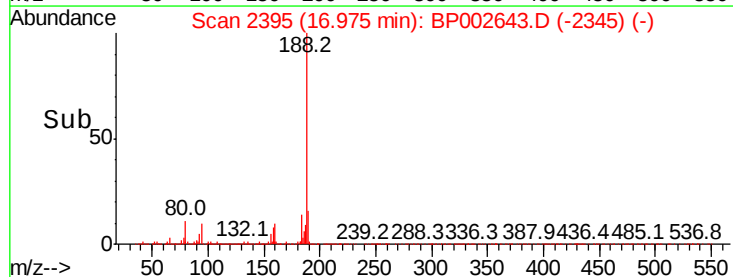
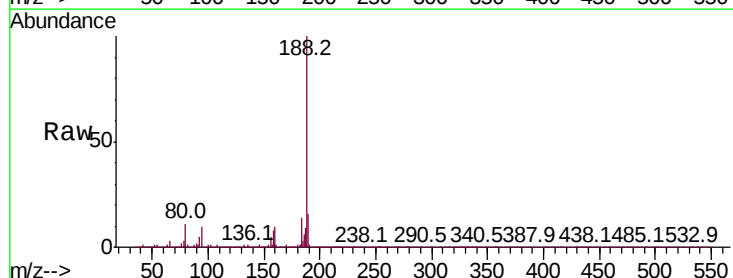
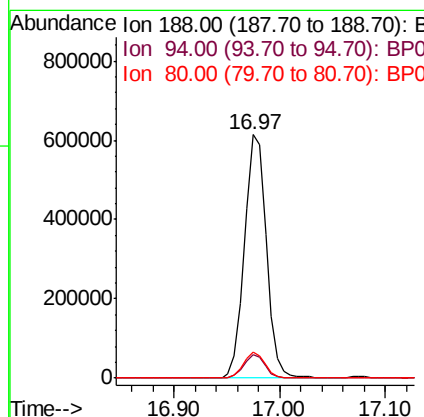
Manual Integrations
APPROVED

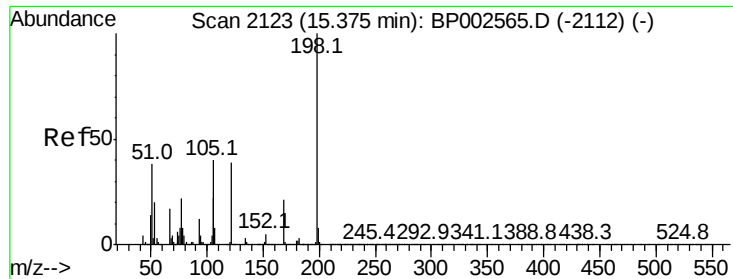
Sohil
7/7/2020 8:21:48 AM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.97 min Scan# 2395
Delta R.T. -0.01 min
Lab File: BP002643.D
Acq: 06 Jul 2020 11:54

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.6	7.8	11.6
80	10.6	8.2	12.4





#65

4,6-Dinitro-2-methylphenol

Concen: 3.981 ng

RT: 15.39 min Scan# 2125

Delta R.T. 0.01 min

Lab File: BP002643.D

Acq: 06 Jul 2020 11:54

Instrument :

BNA_P

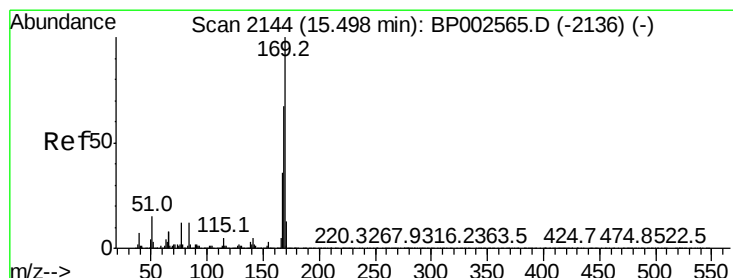
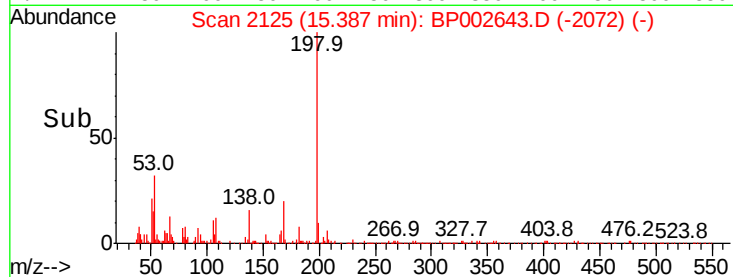
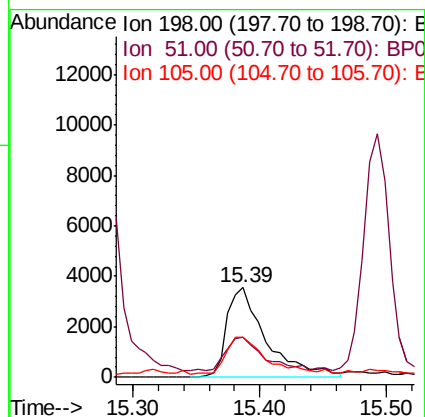
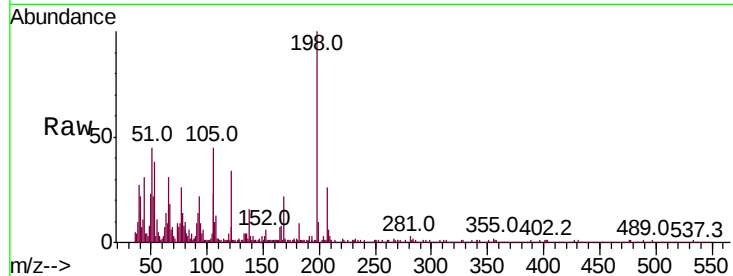
ClientSampleId :

LOD-MDL-SOIL-01-QT2-2020

Tot Ion:	198	Resp:	7644
Ion Ratio	Lower	Upper	
198	100		
51	44.5	24.2	64.2
105	45.1	20.7	60.7

Manual Integrations
APPROVED

Sohil
7/7/2020 8:21:48 AM



#66

n-Nitrosodiphenylamine

Concen: 3.858 ng

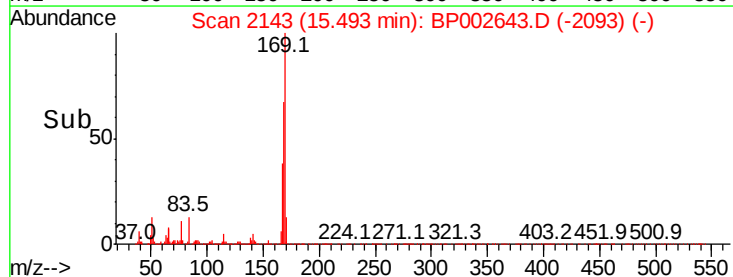
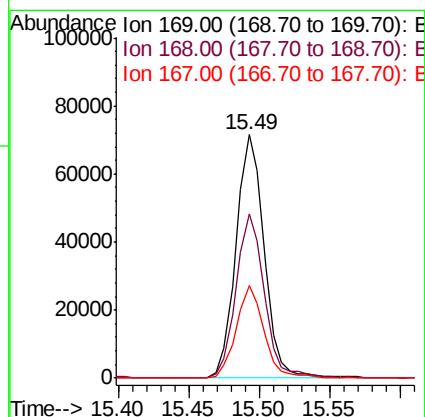
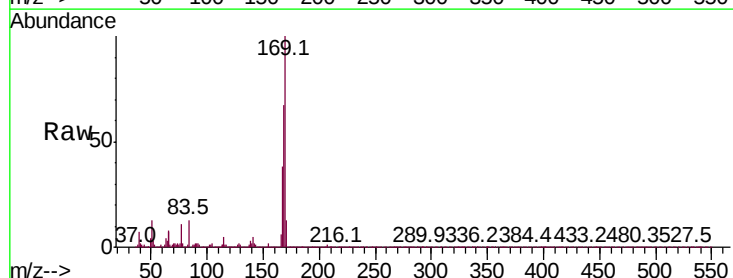
RT: 15.49 min Scan# 2143

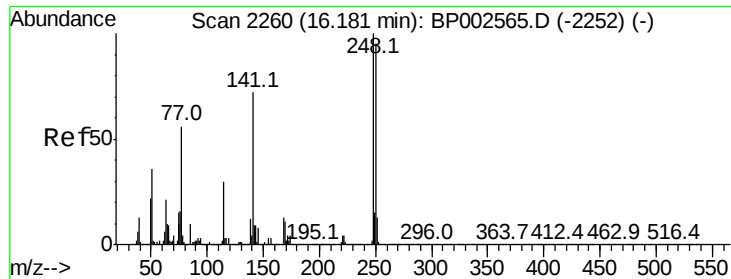
Delta R.T. -0.01 min

Lab File: BP002643.D

Acq: 06 Jul 2020 11:54

Tgt Ion:	169	Resp:	99263
Ion Ratio	Lower	Upper	
169	100		
168	67.4	53.5	80.3
167	38.1	29.1	43.7





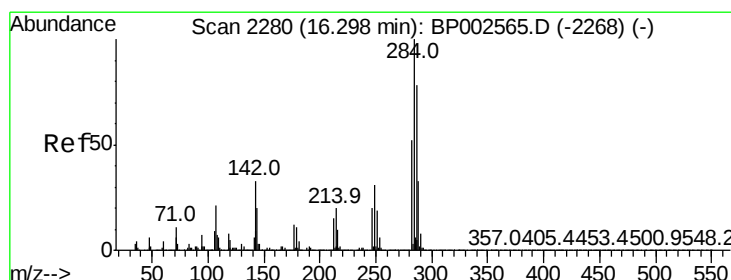
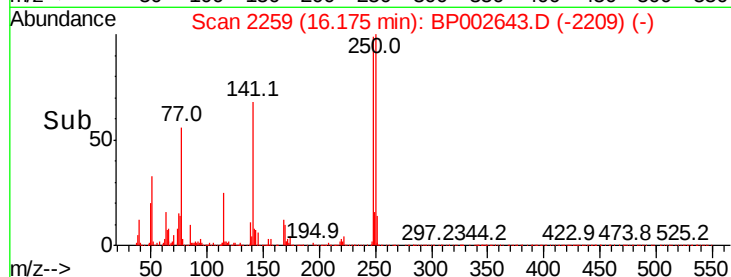
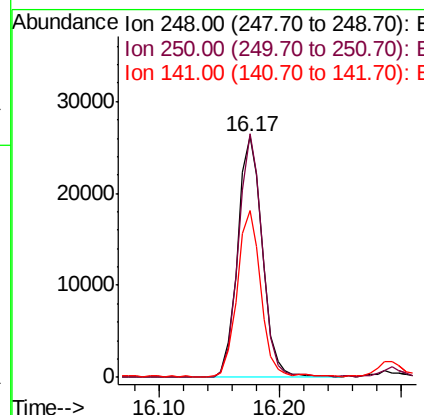
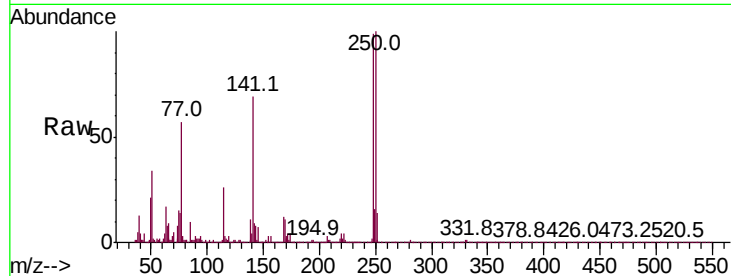
#67
4-Bromophenyl-phenylether
Concen: 3.777 ng
RT: 16.17 min Scan# 2259
Delta R.T. -0.01 min
Lab File: BP002643.D
Acq: 06 Jul 2020 11:54

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

Tot Ion	Ratio	Lower	Upper
248	100		
250	101.1	76.1	114.1
141	69.4	57.8	86.6

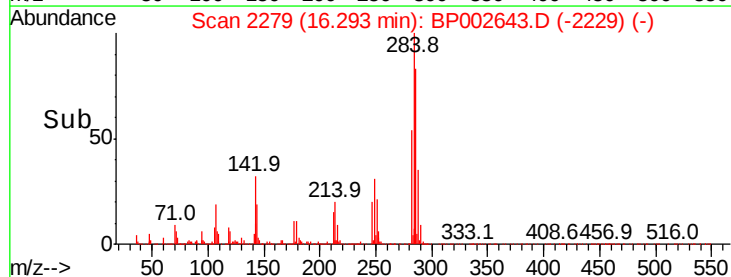
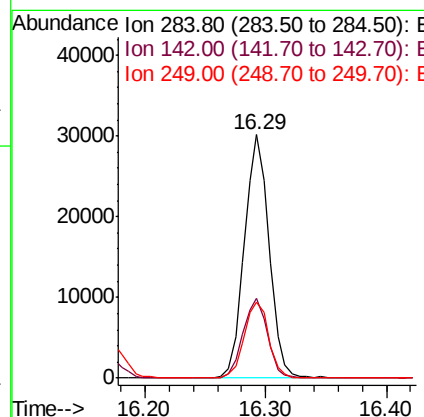
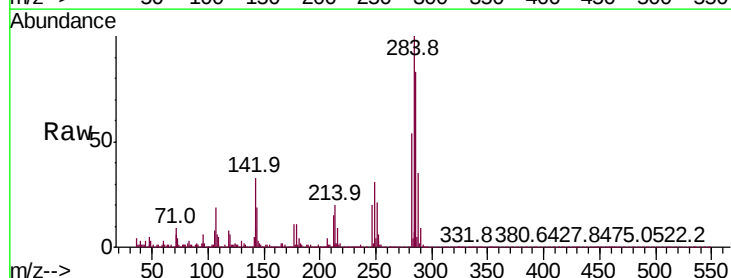
Manual Integrations
APPROVED

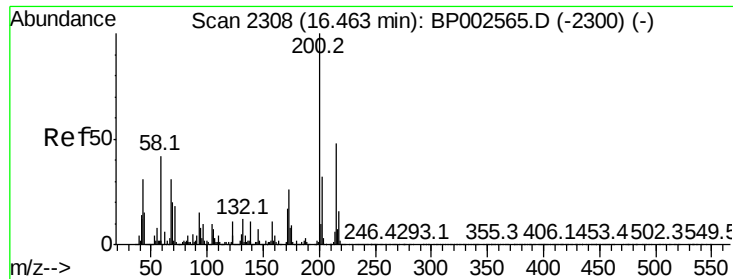
Sohil
7/7/2020 8:21:48 AM



#68
Hexachlorobenzene
Concen: 4.060 ng
RT: 16.29 min Scan# 2279
Delta R.T. -0.01 min
Lab File: BP002643.D
Acq: 06 Jul 2020 11:54

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.5	26.6	40.0
249	31.3	25.1	37.7





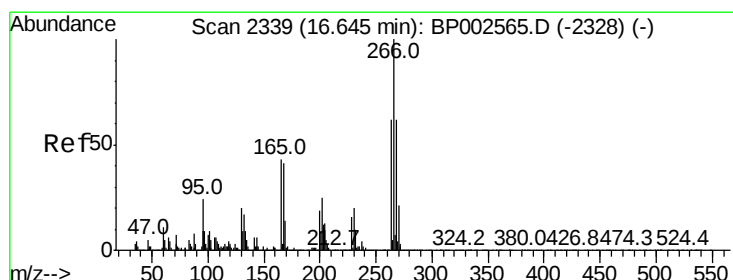
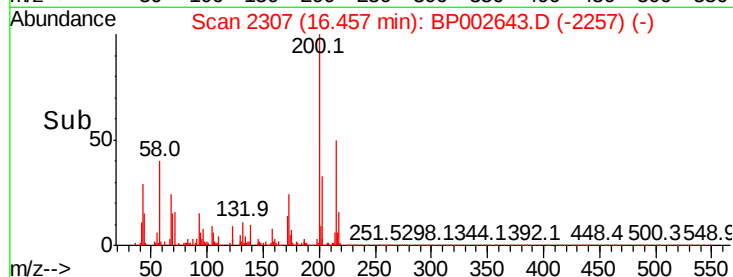
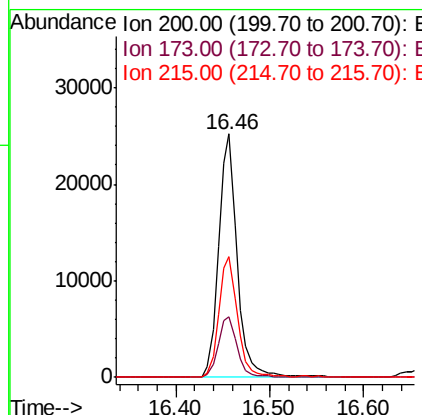
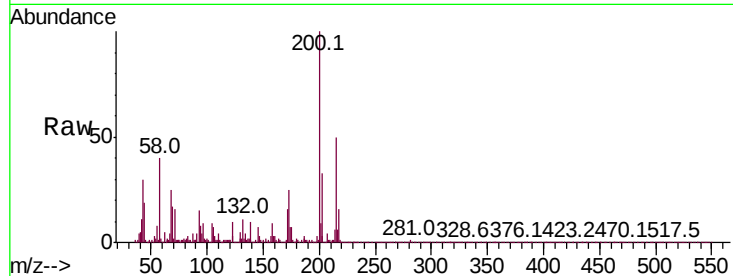
#69
Atrazine
Concen: 4.215 ng
RT: 16.46 min Scan# 2307
Delta R.T. -0.01 min
Lab File: BP002643.D
Acq: 06 Jul 2020 11:54

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

Tot Ion	Ratio	Lower	Upper
200	100		
173	24.8	6.3	46.3
215	49.6	28.3	68.3

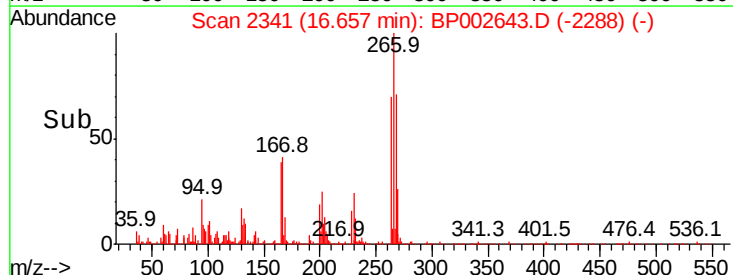
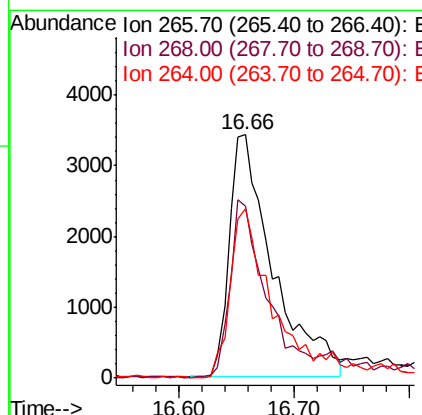
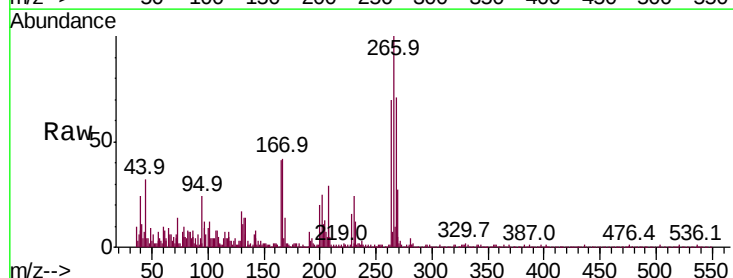
Manual Integrations
APPROVED

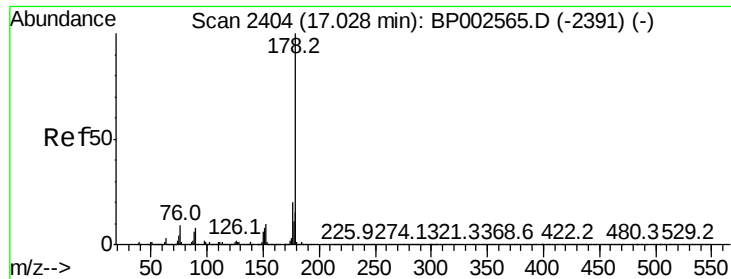
Sohil
7/7/2020 8:21:48 AM



#70
Pentachlorophenol
Concen: 4.091 ng
RT: 16.66 min Scan# 2341
Delta R.T. 0.01 min
Lab File: BP002643.D
Acq: 06 Jul 2020 11:54

Tgt Ion	Ratio	Lower	Upper
266	100		
268	70.8	49.7	74.5
264	69.7	49.3	73.9





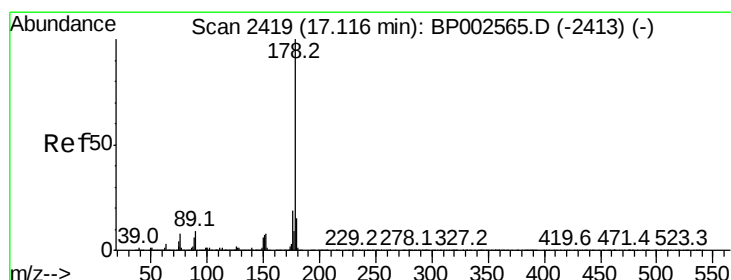
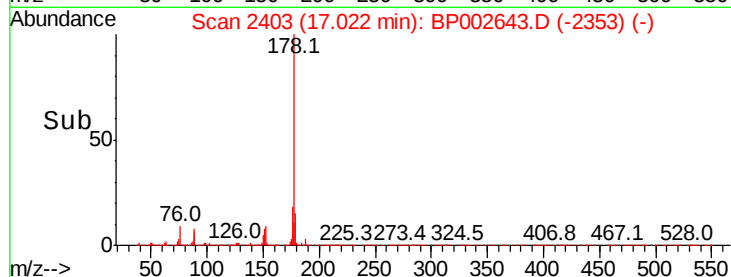
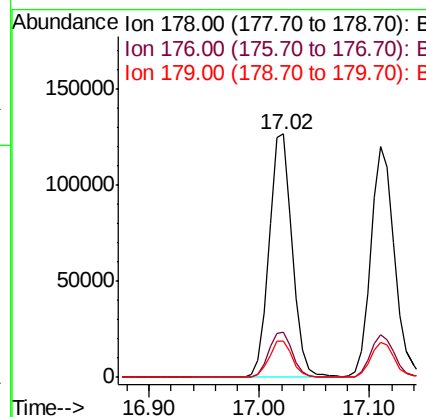
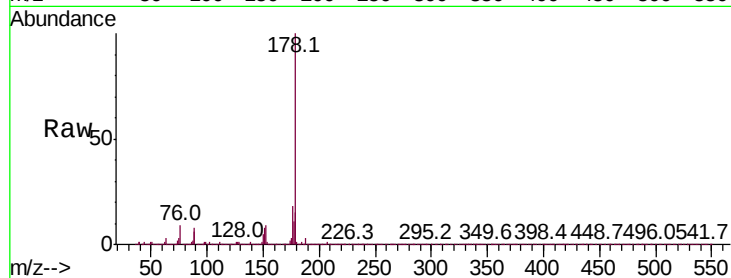
#71
Phenanthrene
Concen: 3.916 ng
RT: 17.02 min Scan# 2403
Delta R.T. -0.01 min
Lab File: BP002643.D
Acq: 06 Jul 2020 11:54

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

Tot Ion:178	Resp:	185692
Ion Ratio	Lower	Upper
178	100	
176	18.4	15.6 23.4
179	15.1	12.1 18.1

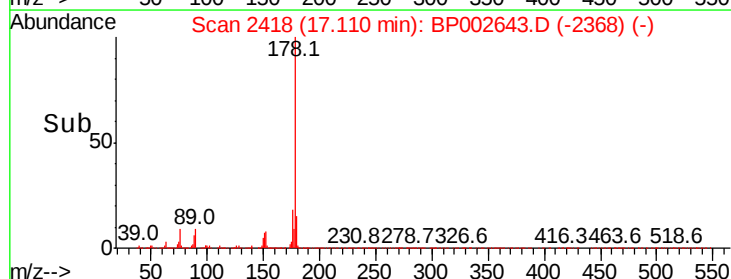
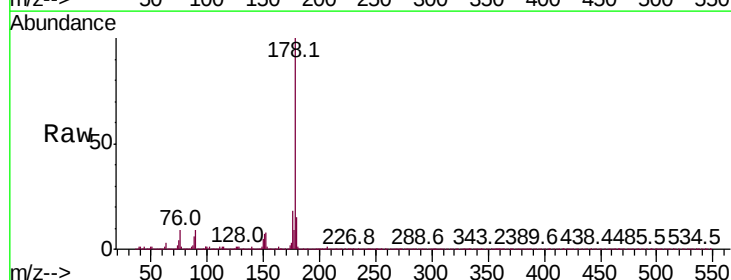
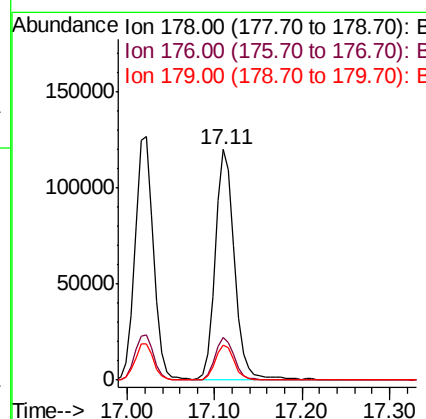
Manual Integrations
APPROVED

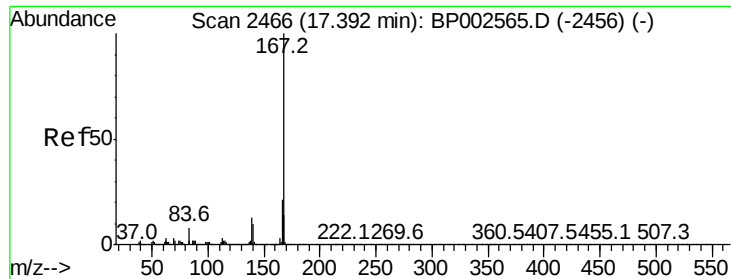
Sohil
7/7/2020 8:21:48 AM



#72
Anthracene
Concen: 3.872 ng
RT: 17.11 min Scan# 2418
Delta R.T. -0.01 min
Lab File: BP002643.D
Acq: 06 Jul 2020 11:54

Tgt Ion:178	Resp:	182717
Ion Ratio	Lower	Upper
178	100	
176	18.4	15.0 22.4
179	15.4	12.2 18.2





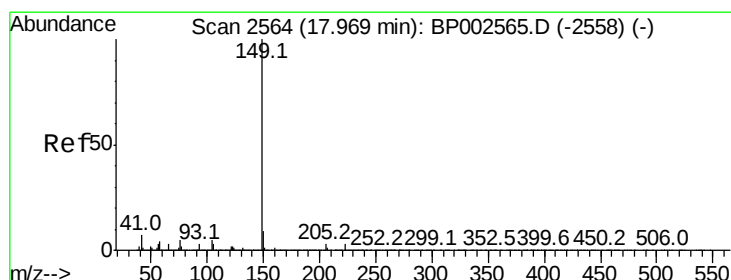
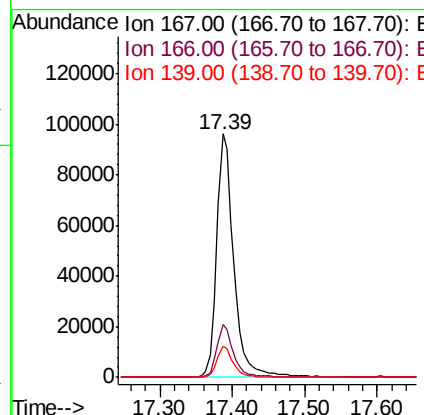
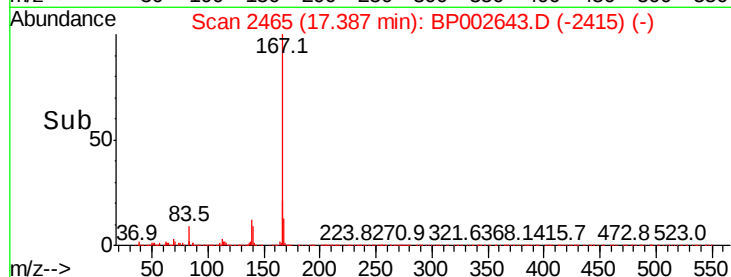
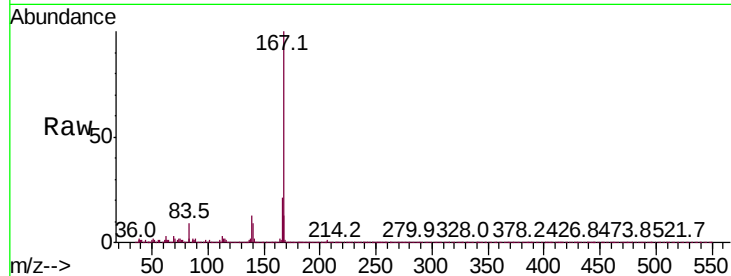
#73
 Carbazole
 Concen: 3.469 ng
 RT: 17.39 min Scan# 2465
 Delta R.T. -0.01 min
 Lab File: BP002643.D
 Acq: 06 Jul 2020 11:54

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

Tot Ion:	167	Resp:	158208
Ion Ratio	Lower	Upper	
167	100		
166	21.5	17.1	25.7
139	12.6	10.5	15.7

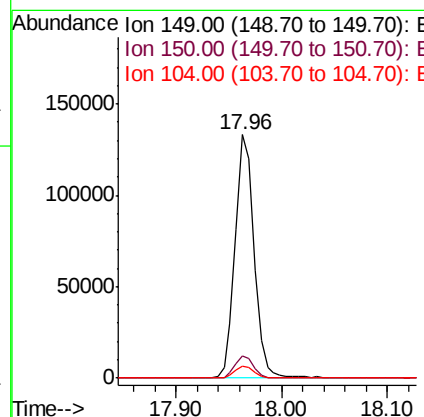
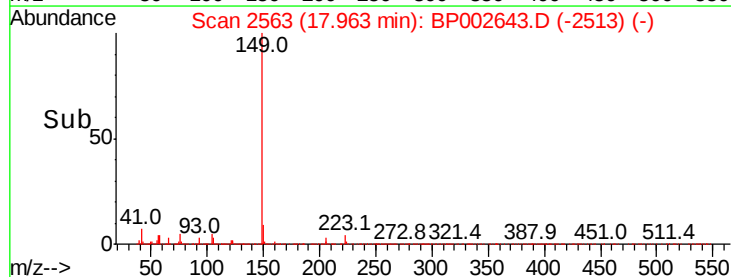
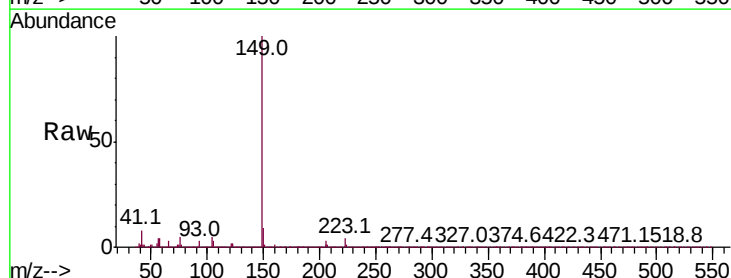
Manual Integrations
 APPROVED

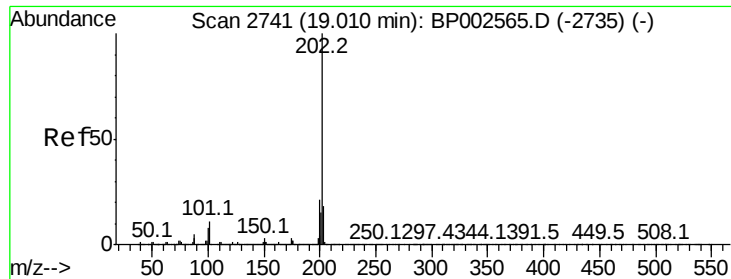
Sohil
 7/7/2020 8:21:48 AM



#74
 Di-n-butylphthalate
 Concen: 3.063 ng
 RT: 17.96 min Scan# 2563
 Delta R.T. -0.01 min
 Lab File: BP002643.D
 Acq: 06 Jul 2020 11:54

Tgt Ion:	149	Resp:	164529
Ion Ratio	Lower	Upper	
149	100		
150	9.3	7.3	10.9
104	5.0	4.2	6.4





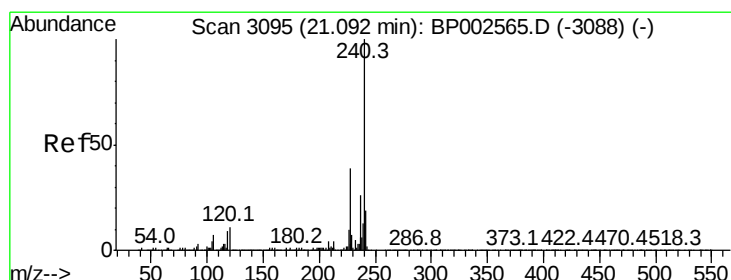
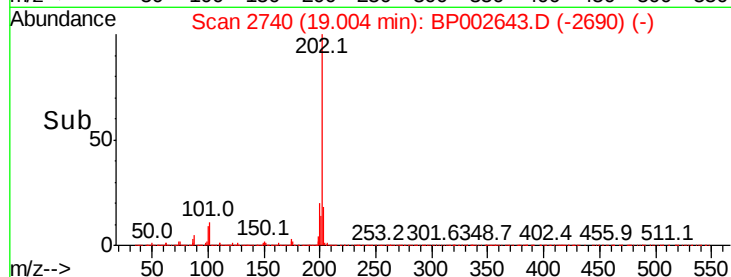
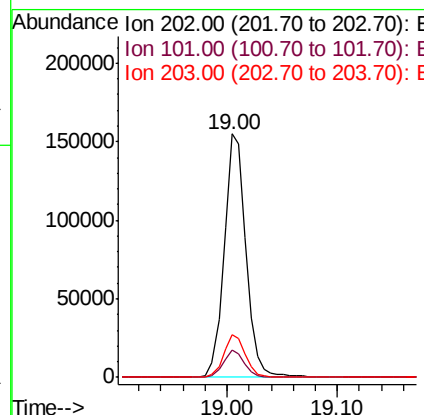
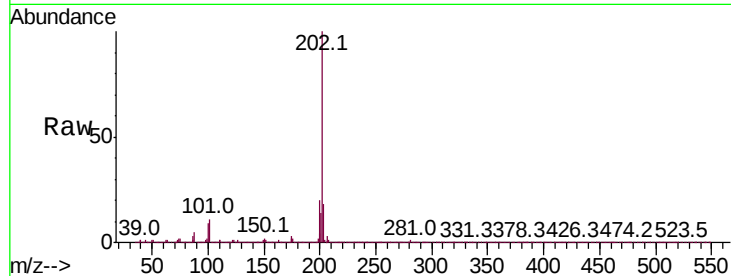
#75
Fluoranthene
Concen: 3.716 ng
RT: 19.00 min Scan# 2740
Delta R.T. -0.01 min
Lab File: BP002643.D
Acq: 06 Jul 2020 11:54

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

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	11.0	0.0	30.6
203	17.8	0.0	37.7

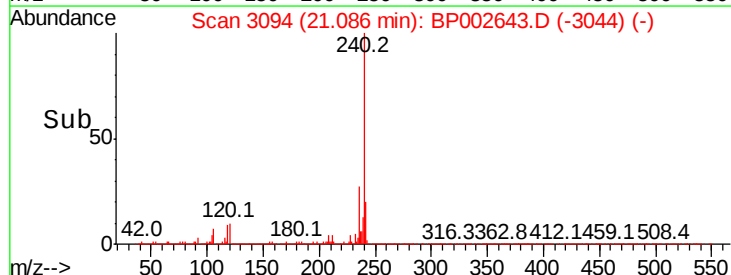
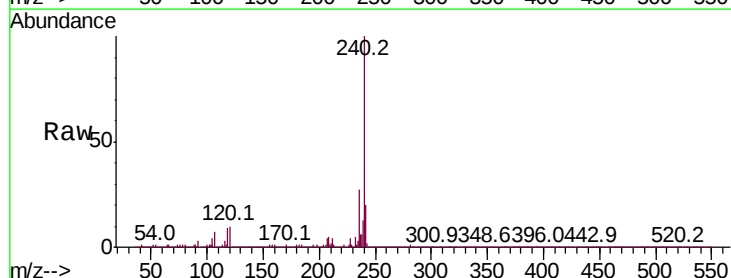
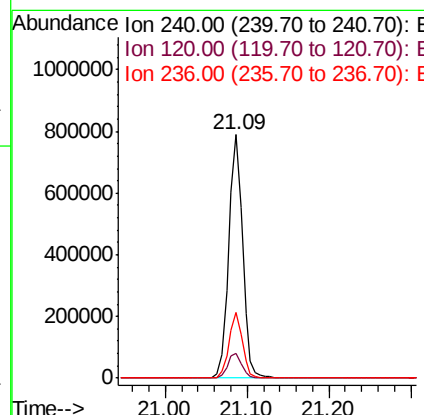
Manual Integrations
APPROVED

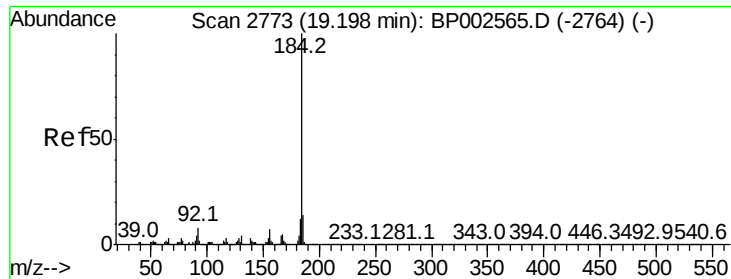
Sohil
7/7/2020 8:21:48 AM



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.09 min Scan# 3094
Delta R.T. -0.01 min
Lab File: BP002643.D
Acq: 06 Jul 2020 11:54

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	10.0	8.6	13.0
236	26.8	20.8	31.2





#77

Benzidine

Concen: 5.836 ng

RT: 19.19 min Scan# 2772

Delta R.T. -0.01 min

Lab File: BP002643.D

Acq: 06 Jul 2020 11:54

Instrument :

BNA_P

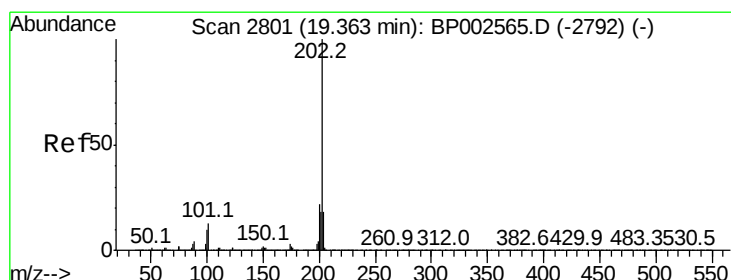
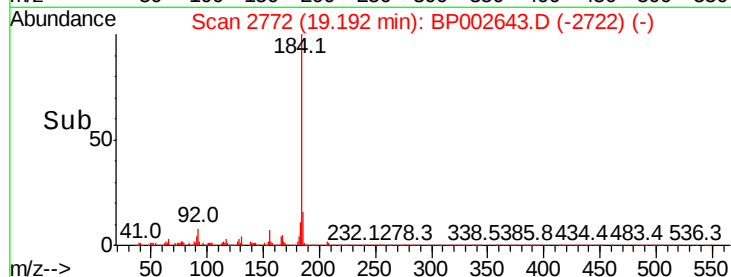
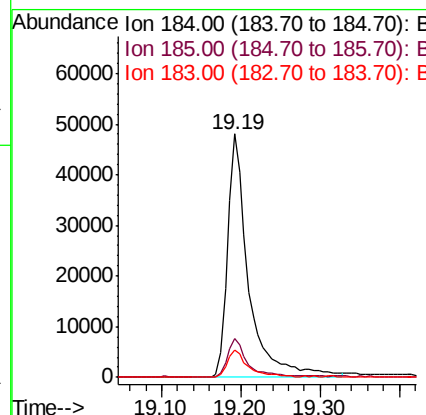
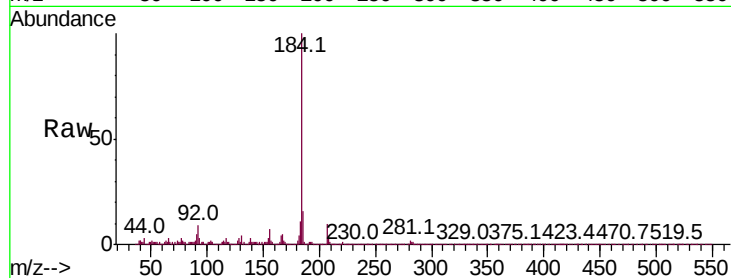
ClientSampleId :

LOD-MDL-SOIL-01-QT2-2020

Tot Ion:	184	Resp:	88401
Ion Ratio	Lower	Upper	
184	100		
185	15.9	11.4	17.2
183	10.9	9.2	13.8

Manual Integrations
APPROVED

Sohil
7/7/2020 8:21:48 AM



#78

Pyrene

Concen: 3.510 ng

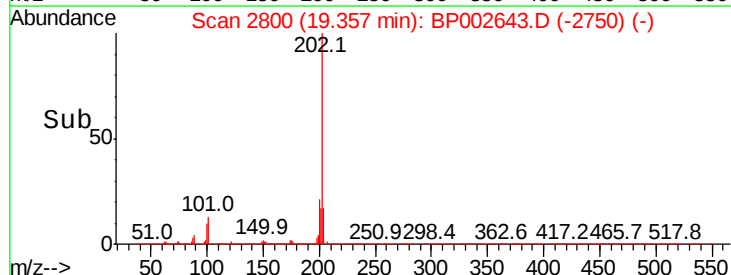
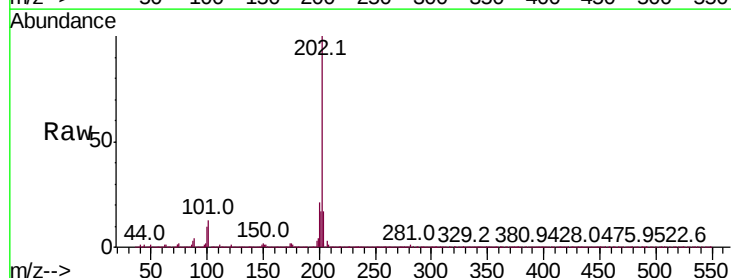
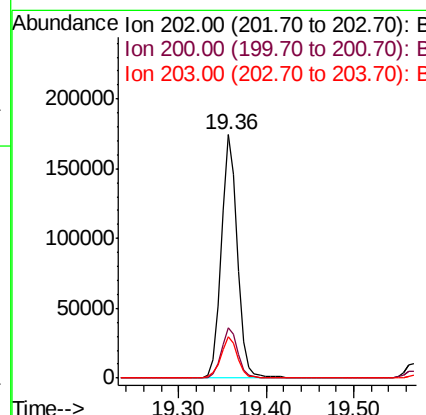
RT: 19.36 min Scan# 2800

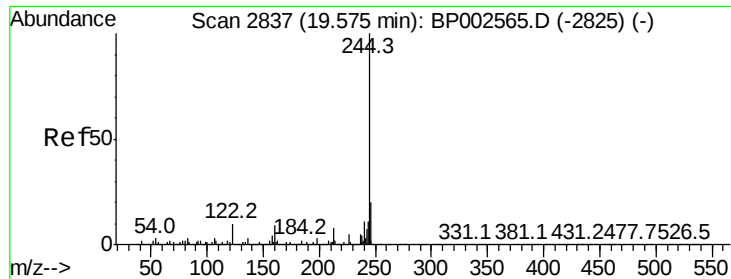
Delta R.T. -0.01 min

Lab File: BP002643.D

Acq: 06 Jul 2020 11:54

Tgt Ion:	202	Resp:	222570
Ion Ratio	Lower	Upper	
202	100		
200	20.8	17.6	26.4
203	16.8	14.4	21.6





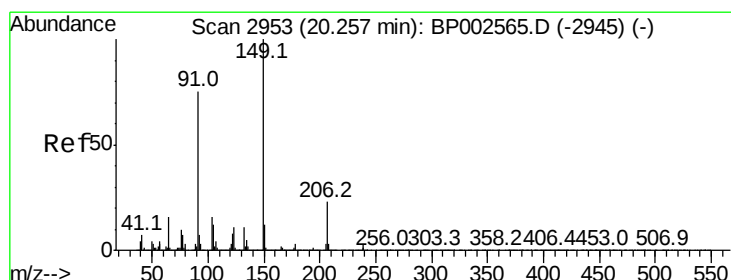
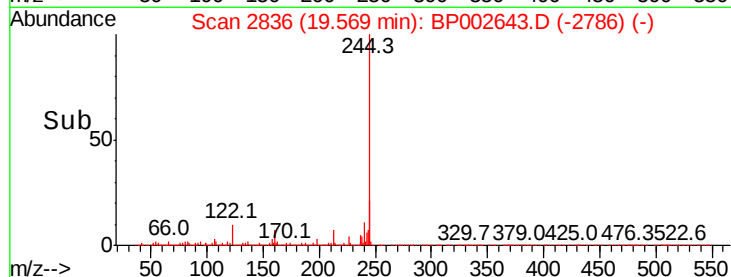
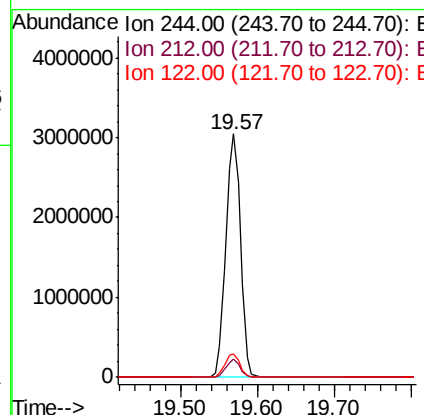
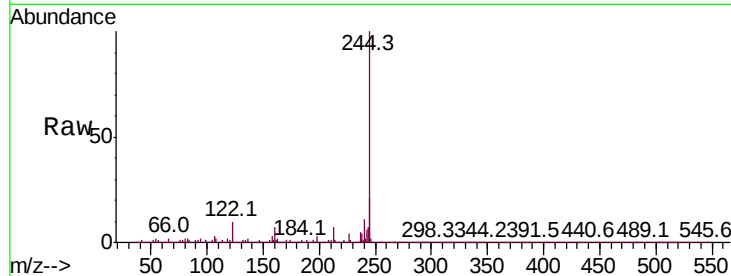
#79
Terphenyl-d14
Concen: 93.566 ng
RT: 19.57 min Scan# 2836
Delta R.T. -0.01 min
Lab File: BP002643.D
Acq: 06 Jul 2020 11:54

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

Tot Ion:244 Resp: 4037925
Ion Ratio Lower Upper
244 100
212 7.4 6.5 9.7
122 9.8 7.9 11.9

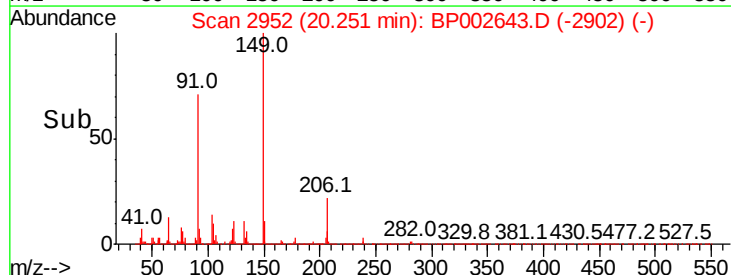
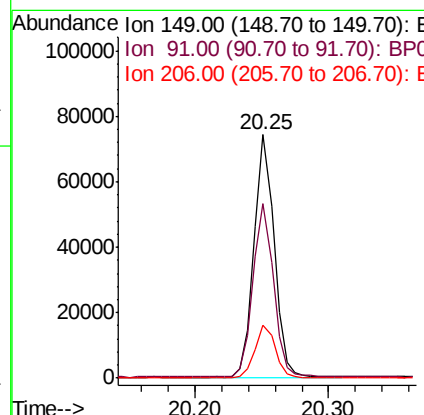
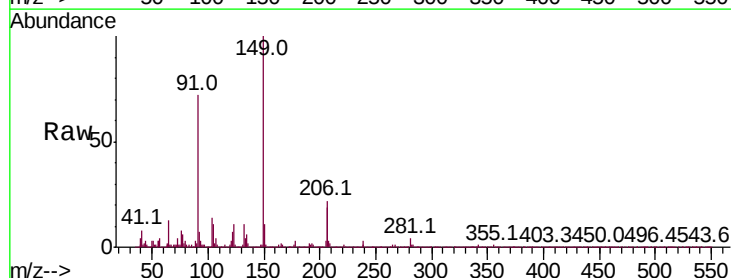
Manual Integrations
APPROVED

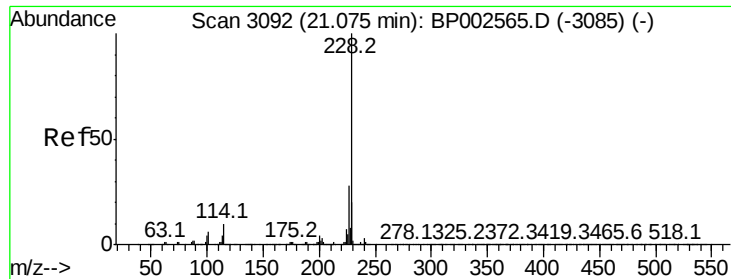
Sohil
7/7/2020 8:21:48 AM



#80
Butylbenzylphthalate
Concen: 2.796 ng
RT: 20.25 min Scan# 2952
Delta R.T. -0.01 min
Lab File: BP002643.D
Acq: 06 Jul 2020 11:54

Tgt Ion:149 Resp: 77405
Ion Ratio Lower Upper
149 100
91 71.8 59.8 89.6
206 21.6 18.2 27.4





#81

Benzo(a)anthracene

Concen: 3.721 ng

RT: 21.07 min Scan# 3091

Delta R.T. -0.01 min

Lab File: BP002643.D

Acq: 06 Jul 2020 11:54

Instrument :

BNA_P

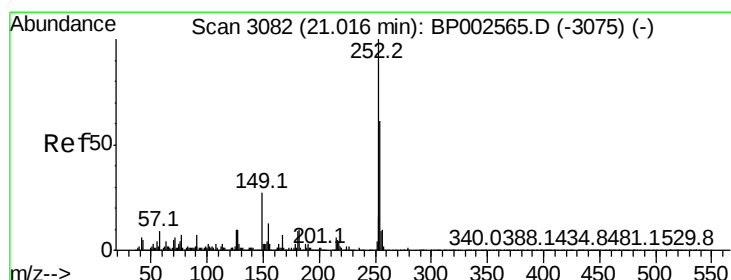
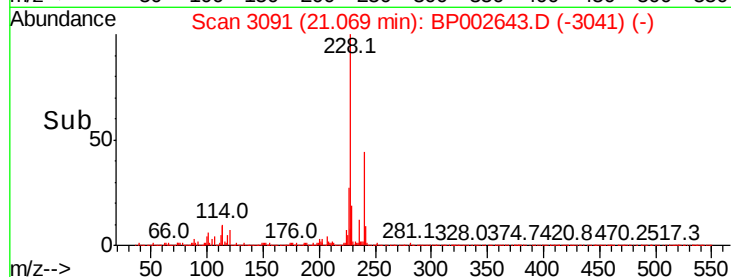
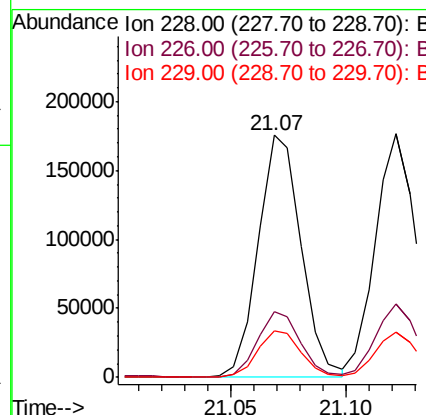
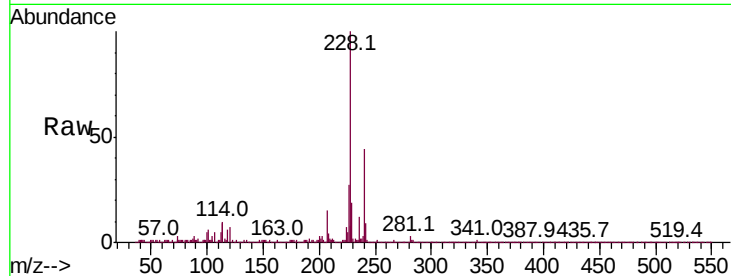
ClientSampleId :

LOD-MDL-SOIL-01-QT2-2020

Tot Ion:	228	Resp:	226631
Ion Ratio	Lower	Upper	
228	100		
226	27.0	22.5	33.7
229	19.2	16.4	24.6

Manual Integrations
APPROVED

Sohil
7/7/2020 8:21:48 AM



#82

3,3'-Dichlorobenzidine

Concen: 4.033 ng

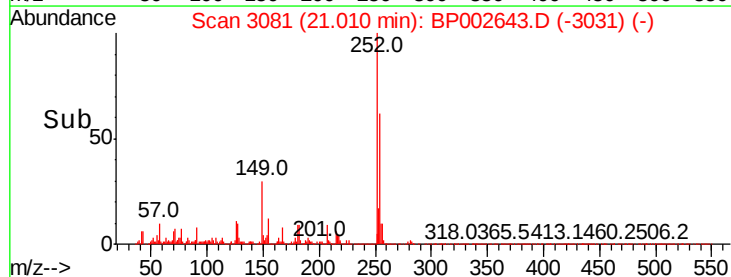
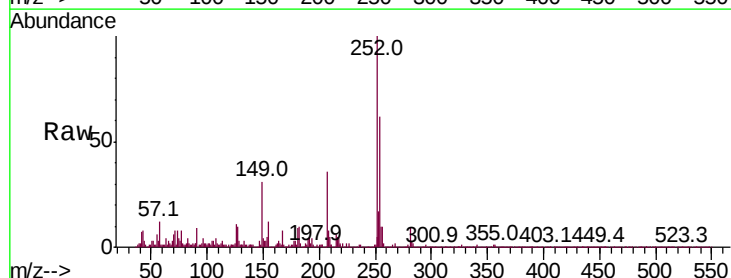
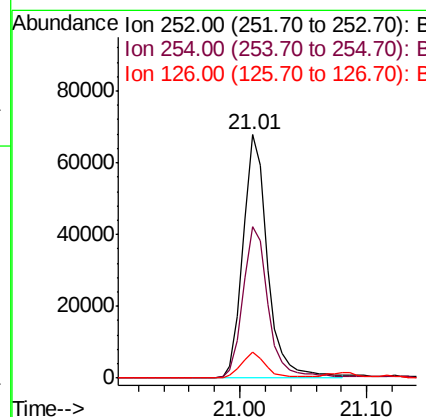
RT: 21.01 min Scan# 3081

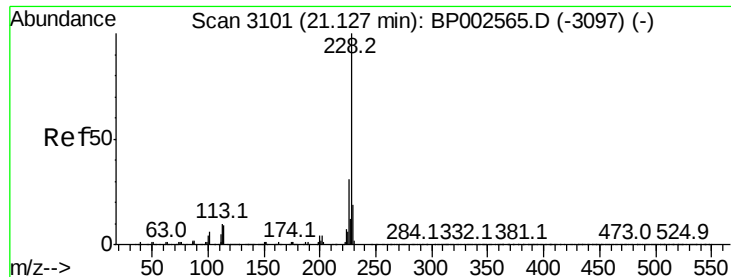
Delta R.T. -0.01 min

Lab File: BP002643.D

Acq: 06 Jul 2020 11:54

Tgt Ion:	252	Resp:	89910
Ion Ratio	Lower	Upper	
252	100		
254	62.1	49.0	73.6
126	10.6	7.9	11.9





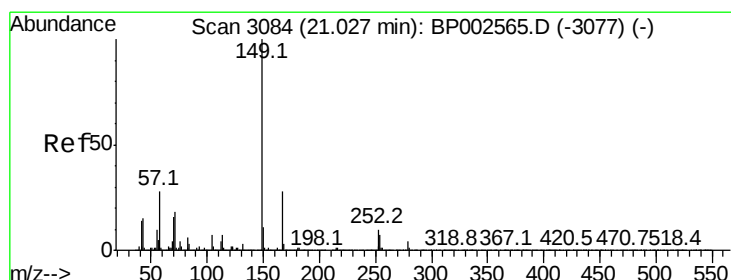
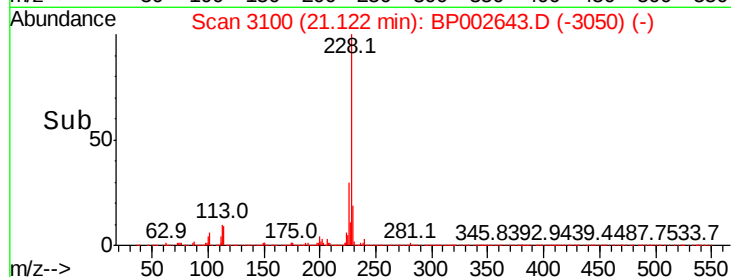
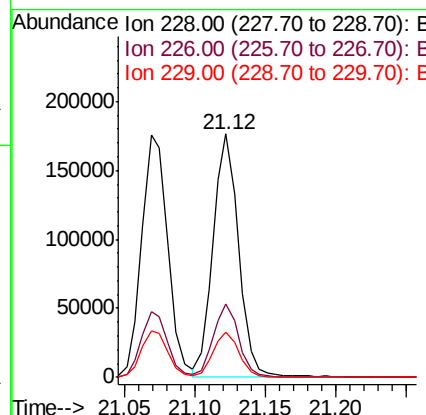
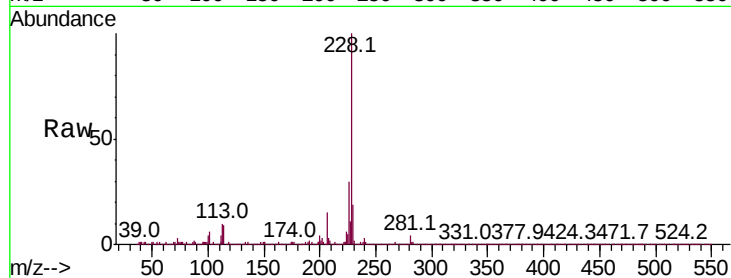
#83
Chrysene
Concen: 3.783 ng
RT: 21.12 min Scan# 3100
Delta R.T. -0.01 min
Lab File: BP002643.D
Acq: 06 Jul 2020 11:54

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

Tot Ion	Ratio	Resp	Lower	Upper
228	100	220925		
226	30.3		24.6	37.0
229	18.6		15.6	23.4

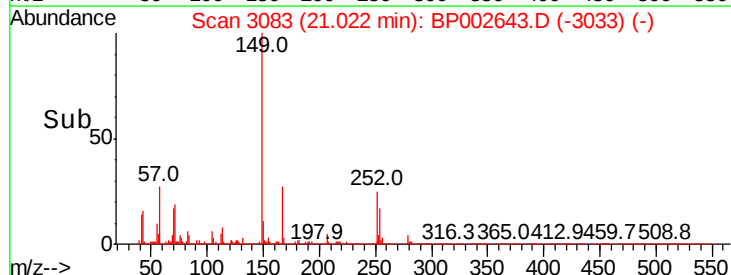
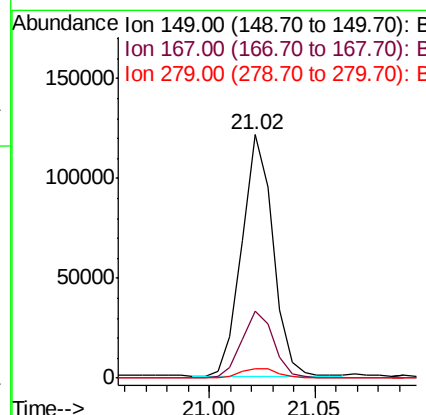
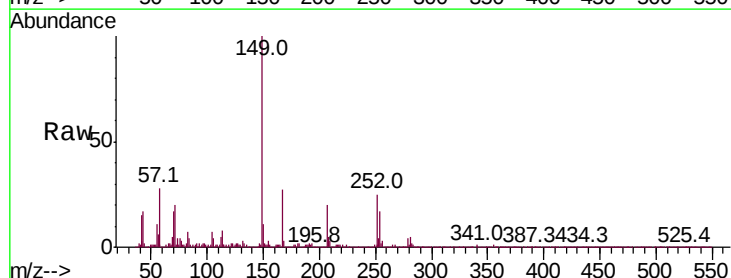
Manual Integrations
APPROVED

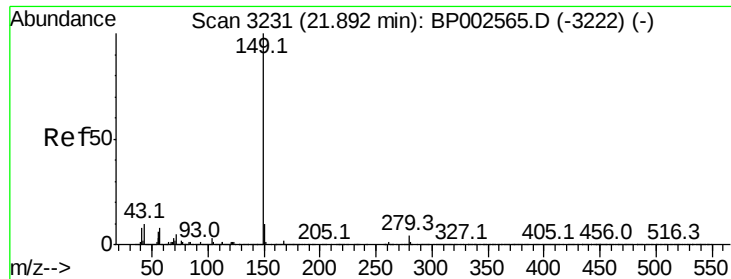
Sohil
7/7/2020 8:21:48 AM



#84
Bis(2-ethylhexyl)phthalate
Concen: 3.094 ng
RT: 21.02 min Scan# 3083
Delta R.T. -0.01 min
Lab File: BP002643.D
Acq: 06 Jul 2020 11:54

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	122984		
167	27.3		22.1	33.1
279	4.1		3.4	5.0





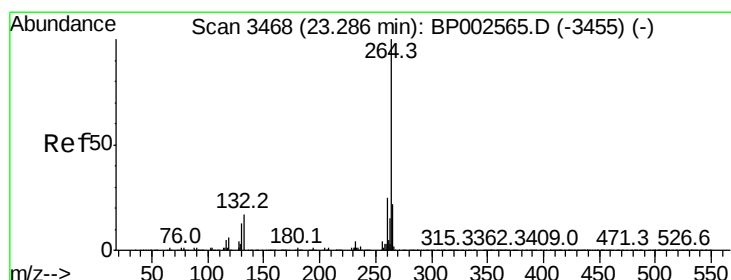
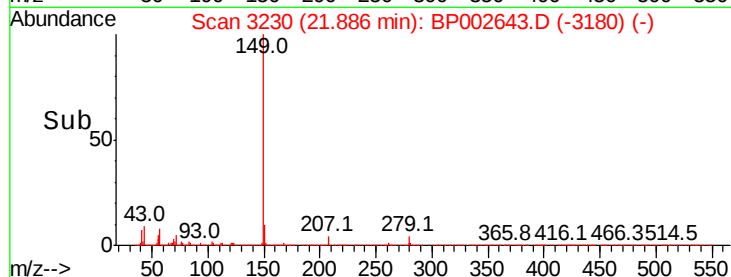
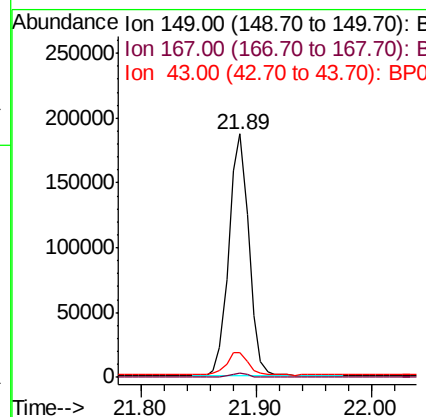
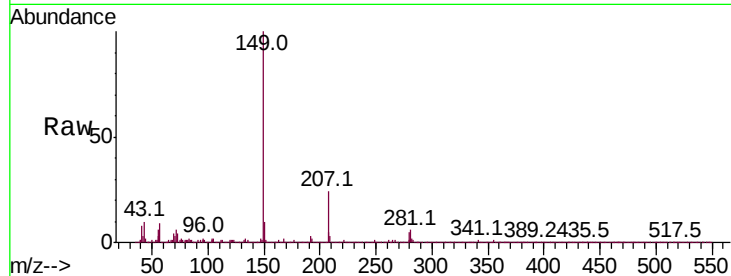
#85
Di-n-octyl phthalate
Concen: 3.197 ng
RT: 21.89 min Scan# 3230
Delta R.T. -0.01 min
Lab File: BP002643.D
Acq: 06 Jul 2020 11:54

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

Tot Ion	Ratio	Resp Lower	Upper
149	100		
167	1.6	1.3	1.9
43	10.2	7.6	11.4

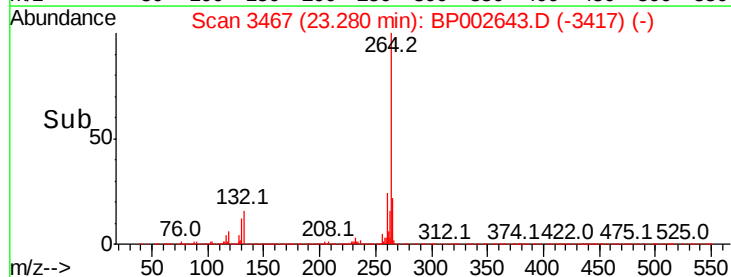
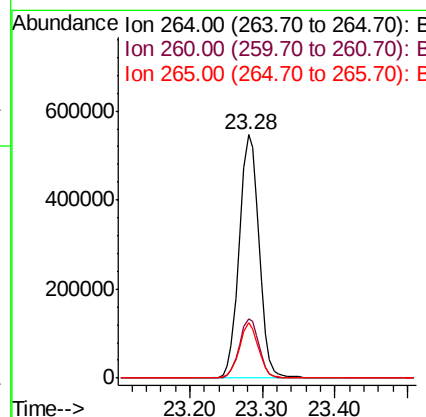
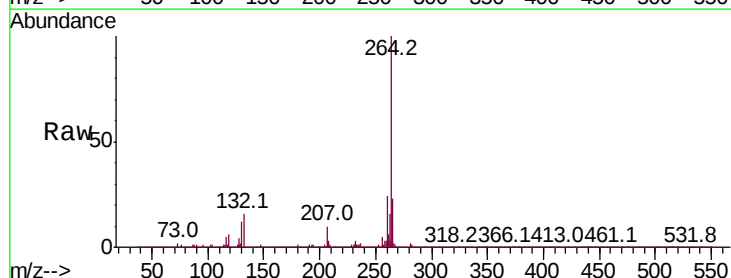
Manual Integrations
APPROVED

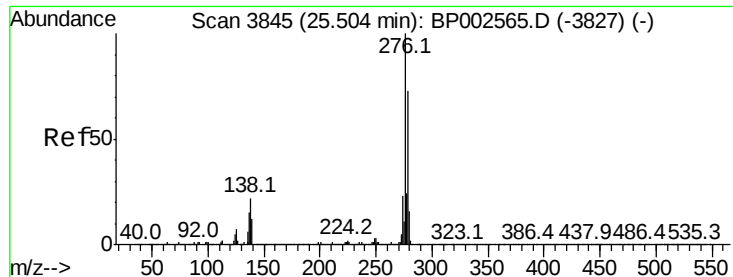
Sohil
7/7/2020 8:21:48 AM



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.28 min Scan# 3467
Delta R.T. -0.01 min
Lab File: BP002643.D
Acq: 06 Jul 2020 11:54

Tgt Ion	Ratio	Resp Lower	Upper
264	100		
260	24.3	19.7	29.5
265	22.5	17.6	26.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 4.084 ng

RT: 25.49 min Scan# 3843

Delta R.T. -0.01 min

Lab File: BP002643.D

Acq: 06 Jul 2020 11:54

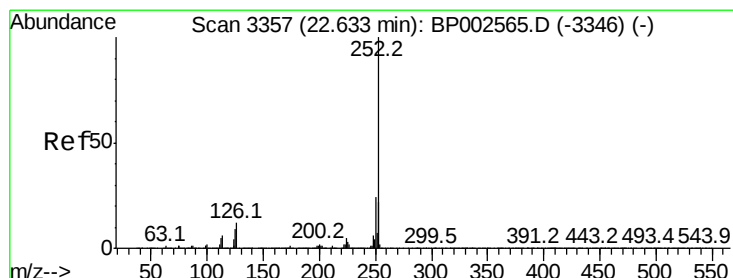
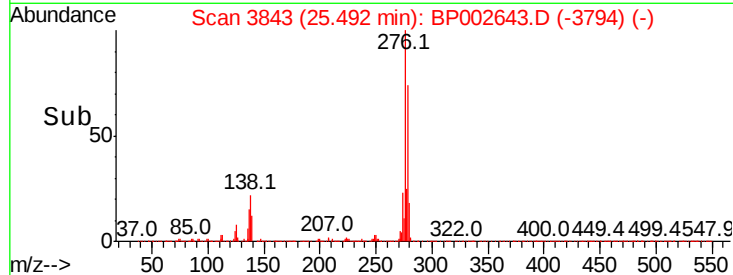
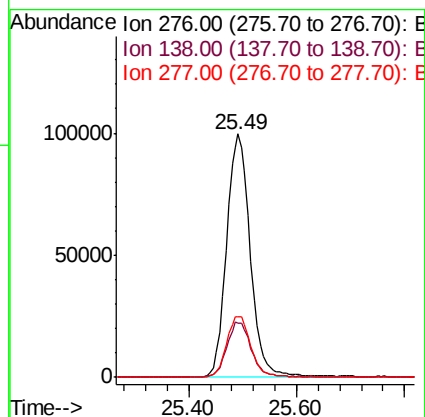
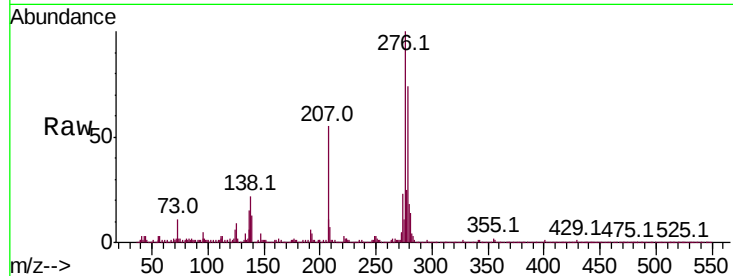
Instrument :
BNA_P

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

Tot Ion:	276	Resp:	307169
Ion Ratio	Lower	Upper	
276	100		
138	23.0	18.6	27.8
277	25.5	20.1	30.1

Manual Integrations
APPROVED

Sohil
7/7/2020 8:21:48 AM



#88

Benzo(b)fluoranthene

Concen: 3.528 ng

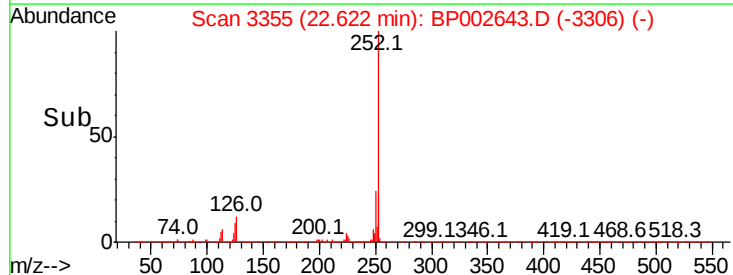
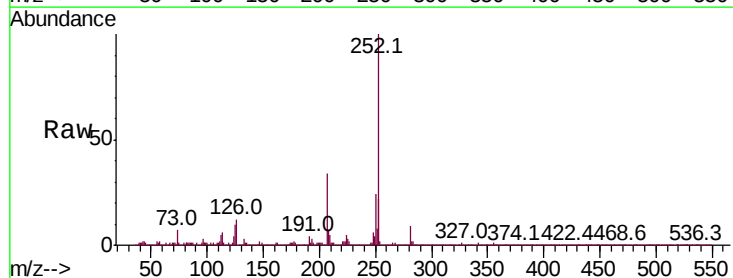
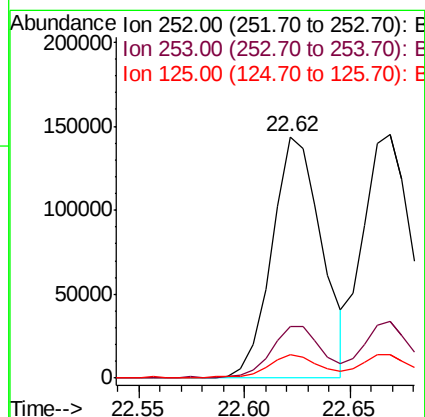
RT: 22.62 min Scan# 3355

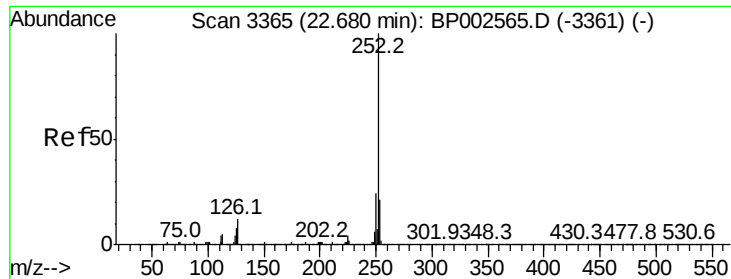
Delta R.T. -0.01 min

Lab File: BP002643.D

Acq: 06 Jul 2020 11:54

Tgt Ion:	252	Resp:	235137
Ion Ratio	Lower	Upper	
252	100		
253	21.6	17.7	26.5
125	9.7	7.4	11.2





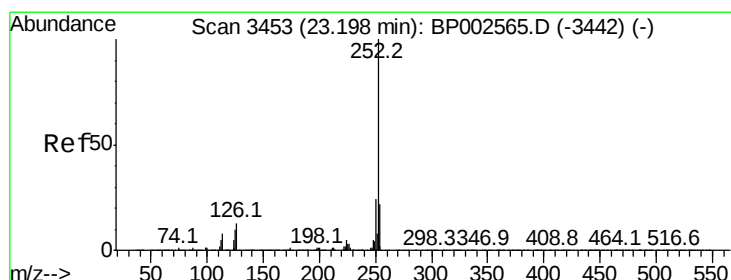
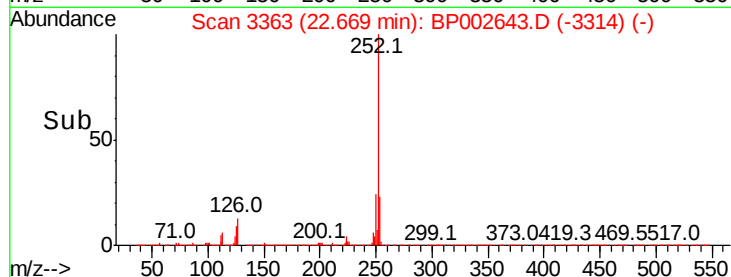
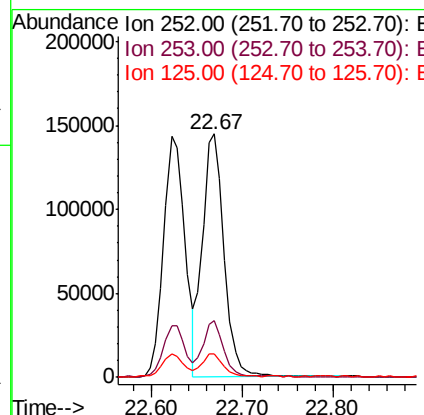
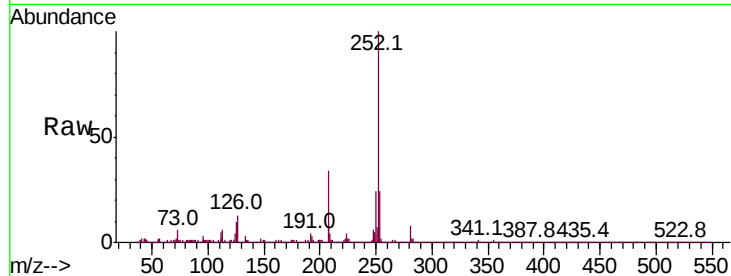
#89
Benzo(k)fluoranthene
Concen: 3.862 ng
RT: 22.67 min Scan# 3363
Delta R.T. -0.01 min
Lab File: BP002643.D
Acq: 06 Jul 2020 11:54

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

Tot Ion	Ratio	Resp	Lower	Upper
252	100			
253	23.5	17.4	26.0	
125	9.5	6.9	10.3	

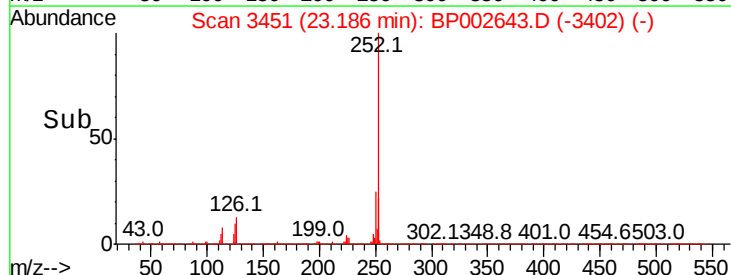
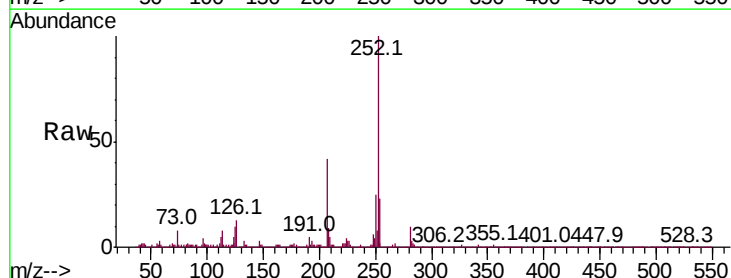
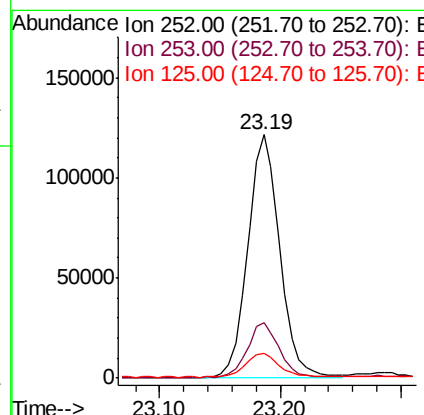
Manual Integrations
APPROVED

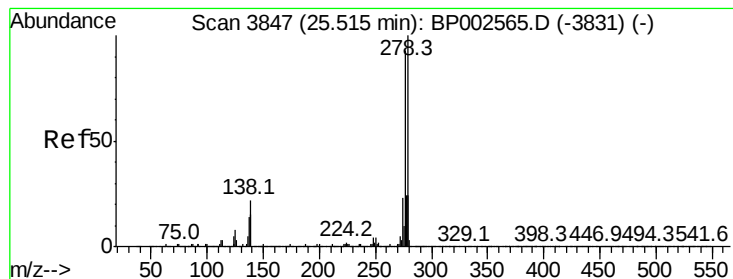
Sohil
7/7/2020 8:21:48 AM



#90
Benzo(a)pyrene
Concen: 3.632 ng
RT: 23.19 min Scan# 3451
Delta R.T. -0.01 min
Lab File: BP002643.D
Acq: 06 Jul 2020 11:54

Tgt Ion	Ratio	Resp	Lower	Upper
252	100			
253	22.7	17.8	26.6	
125	10.3	7.8	11.8	





#91

Dibenzo(a,h)anthracene

Concen: 4.206 ng

RT: 25.50 min Scan# 3845

Delta R.T. -0.01 min

Lab File: BP002643.D

Acq: 06 Jul 2020 11:54

Instrument :

BNA_P

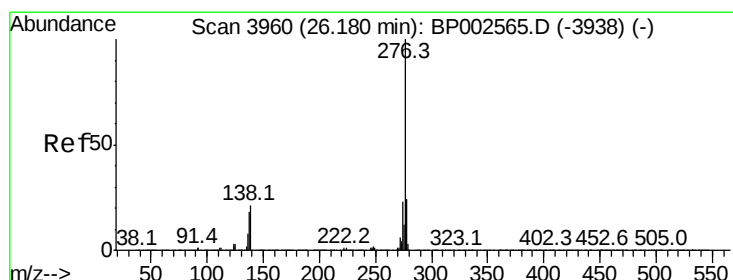
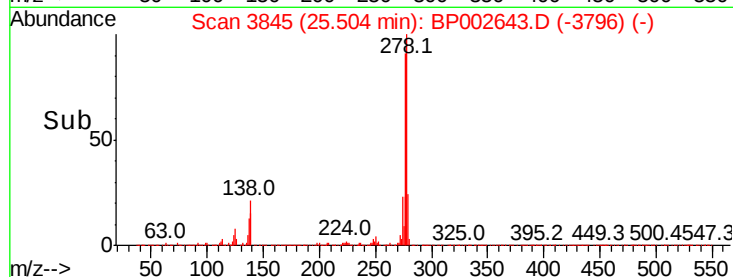
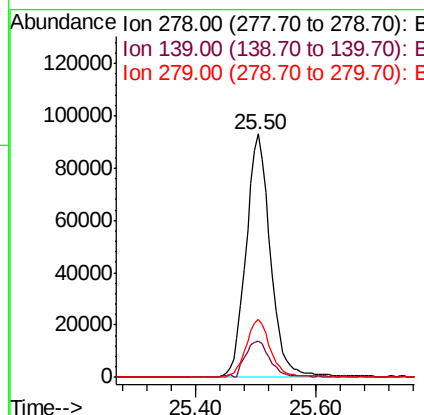
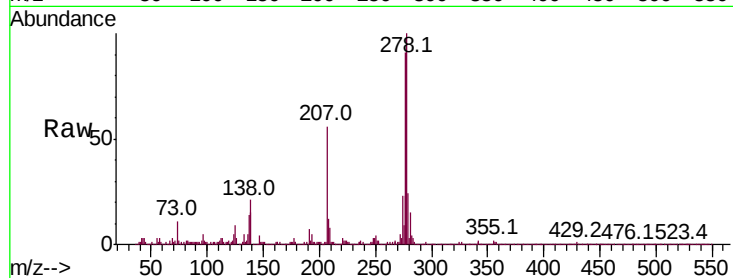
ClientSampleId :

LOD-MDL-SOIL-01-QT2-2020

Tot Ion:	278	Resp:	258529
Ion Ratio	Lower	Upper	
278	100		
139	15.0	12.2	18.2
279	23.8	19.0	28.6

Manual Integrations
APPROVED

Sohil
7/7/2020 8:21:48 AM



#92

Benzo(g,h,i)perylene

Concen: 4.263 ng

RT: 26.16 min Scan# 3957

Delta R.T. -0.02 min

Lab File: BP002643.D

Acq: 06 Jul 2020 11:54

Tgt Ion:	276	Resp:	262037
Ion Ratio	Lower	Upper	
276	100		
277	22.1	19.3	28.9
138	20.1	16.9	25.3

