

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP110719\
 Data File : BP000999.D
 Acq On : 07 Nov 2019 12:07
 Operator : JU
 Sample : K5111-02
 Misc : L00-S-10PPM
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 LOQ-SOIL-02-QT4-2019

Manual Integrations
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Sohil
 11/8/2019 3:33:47 PM

Quant Time: Nov 07 14:20:01 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP110619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 07 11:57:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.38	152	245978	20.00	ng	0.00
21) Naphthalene-d8	10.40	136	922439	20.00	ng	0.00
39) Acenaphthene-d10	13.26	164	545059	20.00	ng	0.00
64) Phenanthrene-d10	15.66	188	1124504	20.00	ng	0.00
76) Chrysene-d12	19.29	240	1026085	20.00	ng	0.00
87) Perylene-d12	21.07	264	1140103	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	6.30	112	1900300	140.62	ng	0.00
7) Phenol-d6	7.82	99	2371702	138.78	ng	0.00
23) Nitrobenzene-d5	9.26	82	1662236	99.68	ng	0.00
42) 2,4,6-Tribromophenol	14.56	330	909945	139.85	ng	0.00
45) 2-Fluorobiphenyl	12.19	172	3538020	97.76	ng	0.00
79) Terphenyl-d14	17.94	244	4697131	91.06	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.84	88	53236	9.060	ng	98
3) Pyridine	3.74	79	120068	7.729	ng	97
4) n-Nitrosodimethylamine	3.59	42	53656	9.910	ng	99
6) Aniline	7.86	93	230907	10.346	ng	99
8) 2-Chlorophenol	8.04	128	146451	10.220	ng	99
9) Benzaldehyde	7.68	77	128391	10.768	ng	96
10) Phenol	7.83	94	186275m	9.966	ng	
11) bis(2-Chloroethyl)ether	7.98	93	147284	10.122	ng	99
12) 1,3-Dichlorobenzene	8.28	146	175759	9.776	ng	97
13) 1,4-Dichlorobenzene	8.40	146	182584	10.082	ng	98
14) 1,2-Dichlorobenzene	8.64	146	167510	10.002	ng	98
15) Benzyl Alcohol	8.60	79	154833	11.890	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.83	45	145157	9.552	ng	98
17) 2-Methylphenol	8.78	107	123181	10.124	ng	100
18) Hexachloroethane	9.18	117	63960	9.615	ng	92
19) n-Nitroso-di-n-propylamine	9.03	70	105898	10.320	ng	98
20) 3+4-Methylphenols	9.03	107	157509	10.435	ng	96
22) Acetophenone	9.02	105	225248	9.455	ng	99
24) Nitrobenzene	9.28	77	167805	10.029	ng	99
25) Isophorone	9.67	82	289528	9.433	ng	99
26) 2-Nitrophenol	9.79	139	49025	7.840	ng	97
27) 2,4-Dimethylphenol	9.87	122	130824	11.173	ng	95
28) bis(2-Chloroethoxy)methane	10.04	93	186644	9.300	ng	99
29) 2,4-Dichlorophenol	10.17	162	130608	9.241	ng	98
30) 1,2,4-Trichlorobenzene	10.32	180	164016	9.447	ng	99
31) Naphthalene	10.44	128	461706	10.018	ng	100
32) Benzoic acid	9.97	122	20184	3.184	ng	97
33) 4-Chloroaniline	10.53	127	184431	9.332	ng	98
34) Hexachlorobutadiene	10.66	225	106219	9.260	ng	99
35) Caprolactam	11.05	113	38545	8.641	ng	96
36) 4-Chloro-3-methylphenol	11.32	107	136662	9.312	ng	99
37) 2-Methylnaphthalene	11.57	142	328716	10.190	ng	99
38) 1-Methylnaphthalene	11.72	142	310363	10.183	ng	97
40) 1,2,4,5-Tetrachlorobenzene	11.84	216	179986	9.917	ng	100

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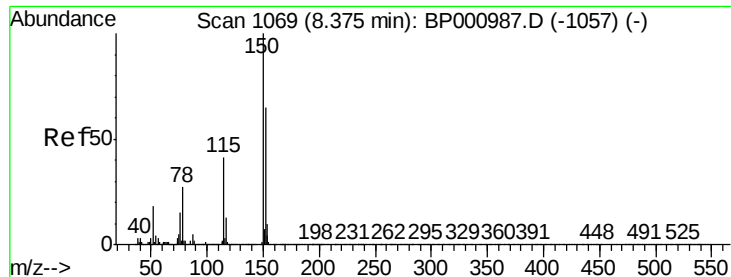
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	11.84	237	100554	11.060	ng	98
43) 2,4,6-Trichlorophenol	12.03	196	91806	8.390	ng	88
44) 2,4,5-Trichlorophenol	12.07	196	106105	9.069	ng	97
46) 1,1'-Biphenyl	12.33	154	413356	10.142	ng	99
47) 2-Chloronaphthalene	12.36	162	319718	9.745	ng	98
48) 2-Nitroaniline	12.52	65	65607	7.640	ng	99
49) Acenaphthylene	13.03	152	503575	10.096	ng	99
50) Dimethylphthalate	12.85	163	387639	9.618	ng	100
51) 2,6-Dinitrotoluene	12.93	165	72289	8.599	ng	90
52) Acenaphthene	13.32	154	293859	9.850	ng	100
53) 3-Nitroaniline	13.19	138	73835	8.052	ng	97
54) 2,4-Dinitrophenol	13.36	184	10340	4.989	ng	88
55) Dibenzofuran	13.60	168	480510	10.312	ng	99
56) 4-Nitrophenol	13.46	139	50436	7.909	ng	96
57) 2,4-Dinitrotoluene	13.58	165	87332	8.270	ng	98
58) Fluorene	14.16	166	373647	10.076	ng	99
59) 2,3,4,6-Tetrachlorophenol	13.80	232	79964	8.038	ng	97
60) Diethylphthalate	14.02	149	373974	9.238	ng	98
61) 4-Chlorophenyl-phenylether	14.18	204	200073	10.204	ng	97
62) 4-Nitroaniline	12.52	138	74276	7.555	ng	99
63) Azobenzene	14.44	77	341538	9.639	ng	99
65) 4,6-Dinitro-2-methylphenol	14.25	198	20601	6.493	ng	93
66) n-Nitrosodiphenylamine	14.37	169	326138	10.087	ng	100
67) 4-Bromophenyl-phenylether	14.98	248	125754	9.500	ng	95
68) Hexachlorobenzene	15.06	284	144202	9.400	ng	98
69) Atrazine	15.25	200	98484	8.366	ng	98
70) Pentachlorophenol	15.37	266	46299	6.780	ng	98
71) Phenanthrene	15.69	178	585469	10.173	ng	99
72) Anthracene	15.77	178	584980	10.419	ng	100
73) Carbazole	16.01	167	512001	9.947	ng	99
74) Di-n-butylphthalate	16.57	149	545886	8.787	ng	100
75) Fluoranthene	17.40	202	663144	10.194	ng	99
77) Benzidine	17.59	184	298056	7.888	ng	96
78) Pyrene	17.70	202	700889	9.666	ng	99
80) Butylbenzylphthalate	18.59	149	202752	7.061	ng	99
81) Benzo(a)anthracene	19.28	228	664419	9.614	ng	99
82) 3,3'-Dichlorobenzidine	19.25	252	233787	9.279	ng	98
83) Chrysene	19.33	228	635957	10.482	ng	99
84) Bis(2-ethylhexyl)phthalate	19.34	149	322931	8.846	ng	99
85) Di-n-octyl phthalate	20.12	149	477194	7.261	ng	100
86) Indeno(1,2,3-cd)pyrene	22.73	276	695851	8.382	ng	100
88) Benzo(b)fluoranthene	20.58	252	655863	9.651	ng	98
89) Benzo(k)fluoranthene	20.62	252	637823	9.970	ng	99
90) Benzo(a)pyrene	21.00	252	569834	9.119	ng	99
91) Dibenzo(a,h)anthracene	22.76	278	601538	9.431	ng	99
92) Benzo(g,h,i)perylene	23.23	276	593730	9.245	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.38 min Scan# 1069

Delta R.T. -0.00 min

Lab File: BP000999.D

Acq: 07 Nov 2019 12:07

Instrument :

BNA_P

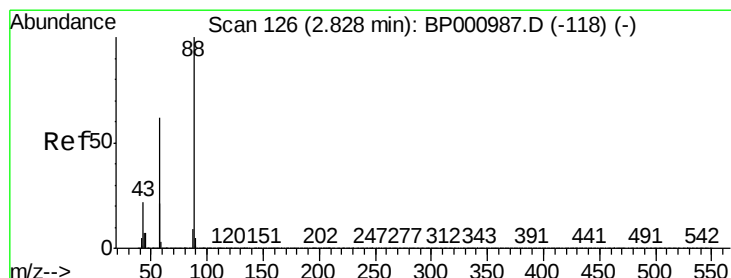
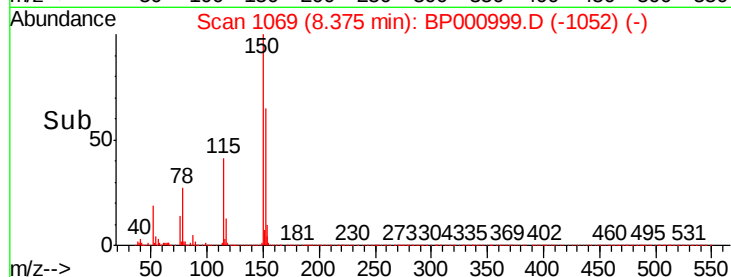
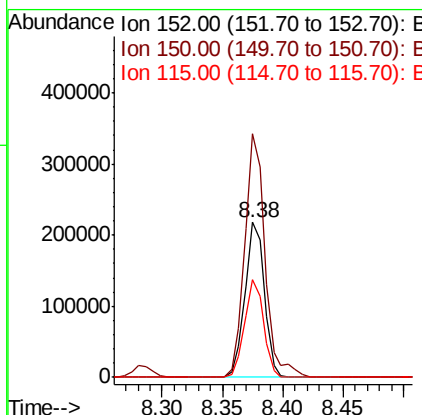
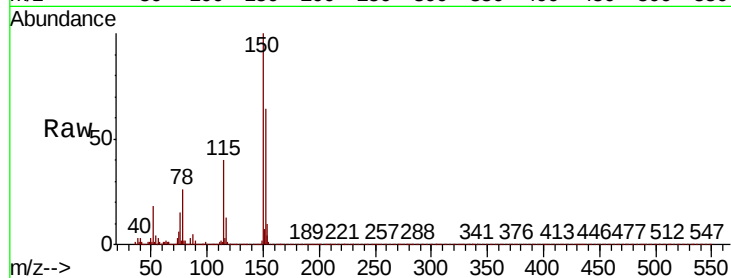
ClientSampleId :

LOQ-SOIL-02-QT4-2019

Tot Ion:	152	Resp:	245978
Ion Ratio	Lower	Upper	
152	100		
150	157.4	123.6	185.4
115	62.8	50.1	75.1

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#2

1,4-Dioxane

Concen: 9.060 ng

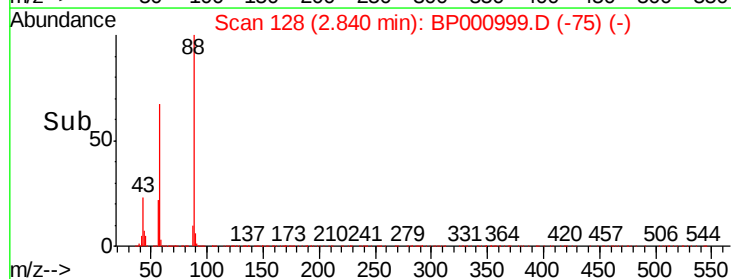
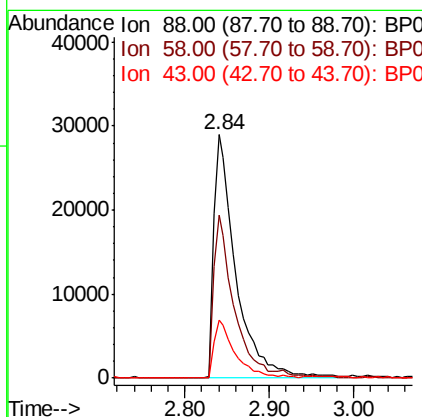
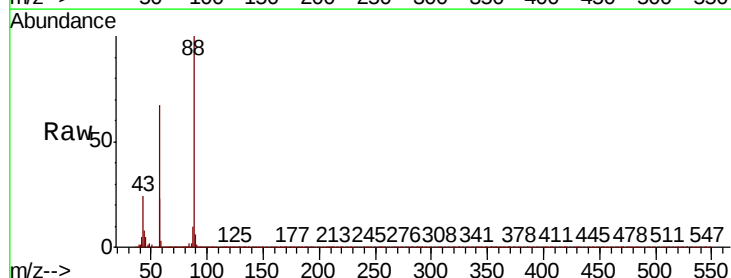
RT: 2.84 min Scan# 128

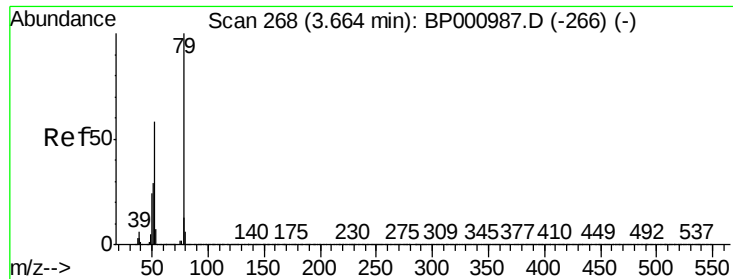
Delta R.T. 0.01 min

Lab File: BP000999.D

Acq: 07 Nov 2019 12:07

Tgt Ion:	88	Resp:	53236
Ion Ratio	Lower	Upper	
88	100		
58	60.6	49.8	74.8
43	23.0	17.6	26.4





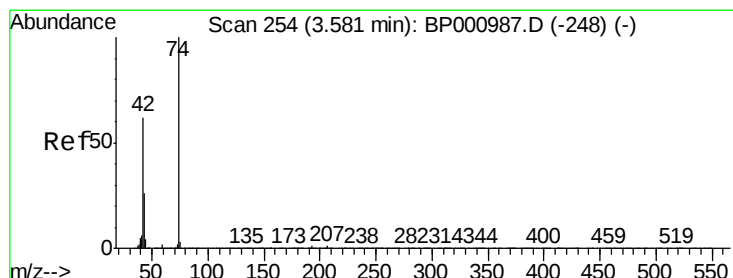
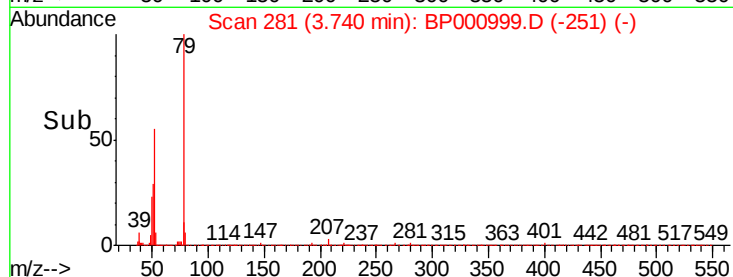
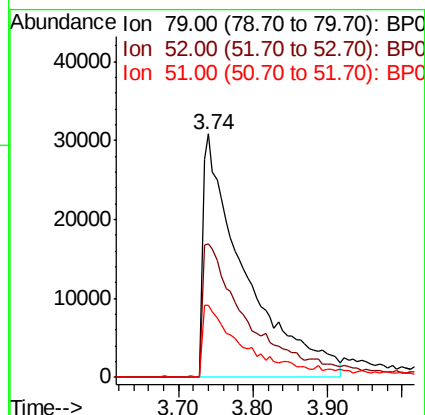
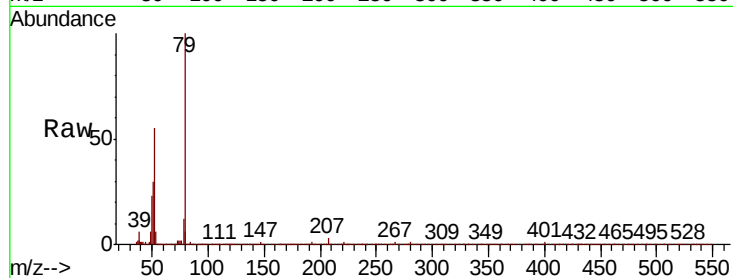
#3
 Pvridine
 Concen: 7.729 ng
 RT: 3.74 min Scan# 281
 Delta R.T. 0.08 min
 Lab File: BP000999.D
 Acq: 07 Nov 2019 12:07

Instrument :
 BNA_P
 ClientSampleId :
 LOQ-SOIL-02-QT4-2019

Tot Ion:	79	Resp:	120068
Ion Ratio	Lower	Upper	
79	100		
52	54.9	46.4	69.6
51	29.8	23.4	35.0

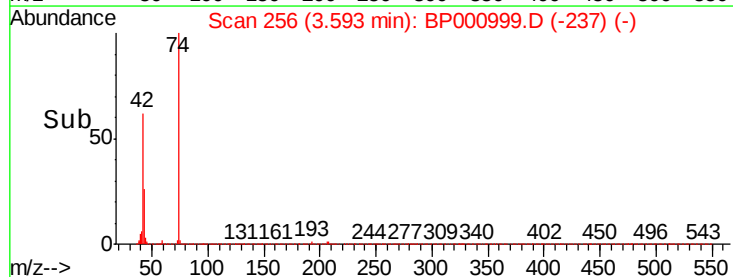
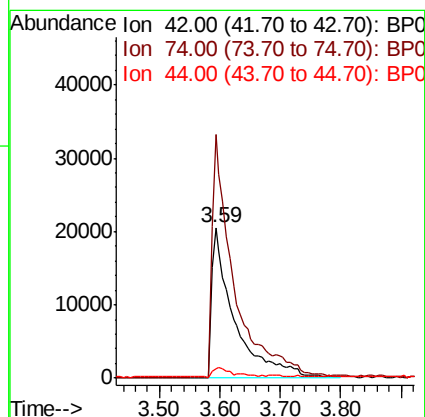
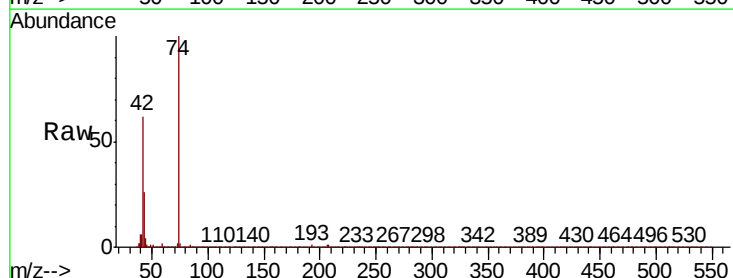
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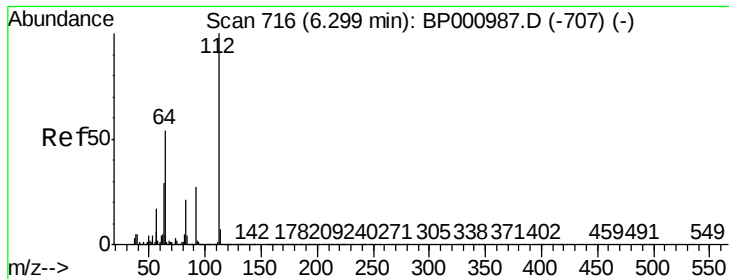
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#4
 n-Nitrosodimethylamine
 Concen: 9.910 ng
 RT: 3.59 min Scan# 256
 Delta R.T. 0.01 min
 Lab File: BP000999.D
 Acq: 07 Nov 2019 12:07

Tgt Ion:	42	Resp:	53656
Ion Ratio	Lower	Upper	
42	100		
74	162.1	128.4	192.6
44	6.5	5.4	8.2





#5

2-Fluorophenol

Concen: 140.617 ng

RT: 6.30 min Scan# 717

Delta R.T. 0.01 min

Lab File: BP000999.D

Acq: 07 Nov 2019 12:07

Instrument :

BNA_P

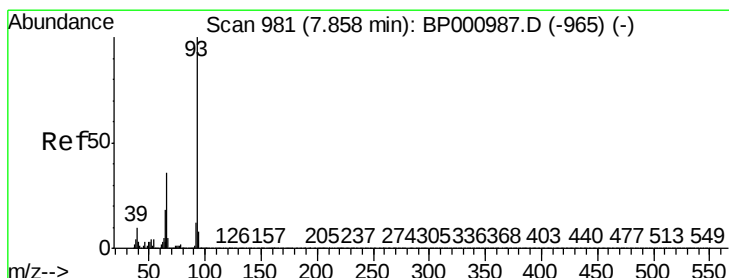
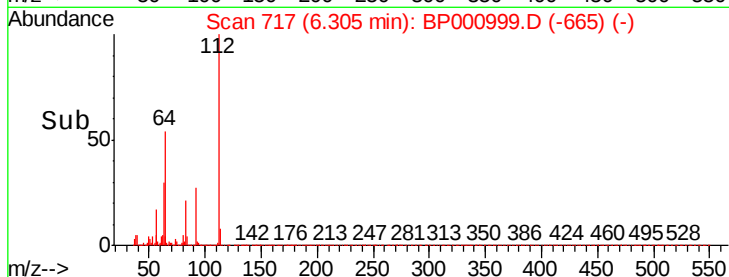
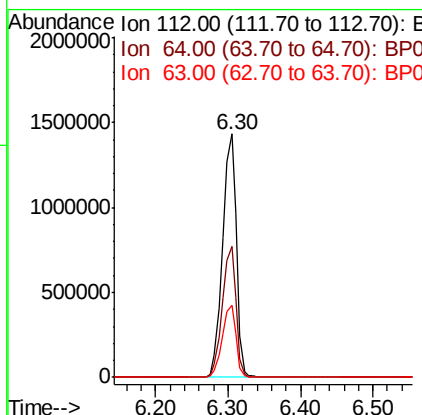
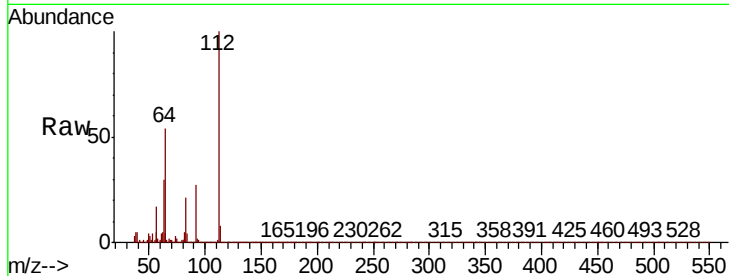
ClientSampleId :

LOQ-SOIL-02-QT4-2019

Tot Ion:	112	Resp:	1900300
Ion Ratio	Lower	Upper	
112	100		
64	53.6	43.4	65.0
63	29.6	23.4	35.0

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#6

Aniline

Concen: 10.346 ng

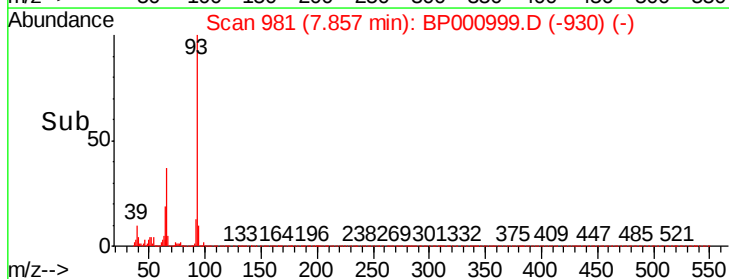
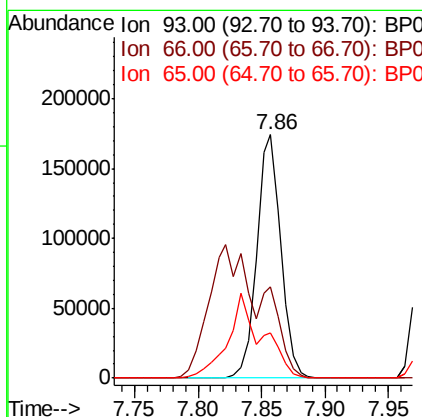
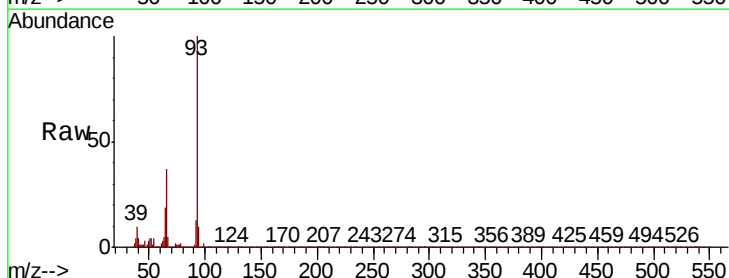
RT: 7.86 min Scan# 981

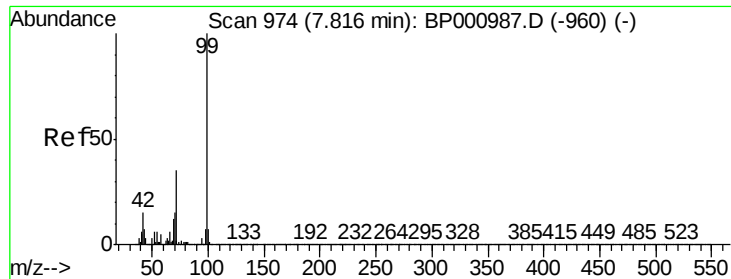
Delta R.T. -0.00 min

Lab File: BP000999.D

Acq: 07 Nov 2019 12:07

Tgt Ion:	93	Resp:	230907
Ion Ratio	Lower	Upper	
93	100		
66	37.5	29.1	43.7
65	18.6	14.6	21.8





#7

Phenol-d6

Concen: 138.784 ng

RT: 7.82 min Scan# 975

Delta R.T. 0.01 min

Lab File: BP000999.D

Acq: 07 Nov 2019 12:07

Instrument :

BNA_P

ClientSampleId :

LOQ-SOIL-02-QT4-2019

Tot Ion: 99 Resp: 2371702

Ion Ratio Lower Upper

99 100

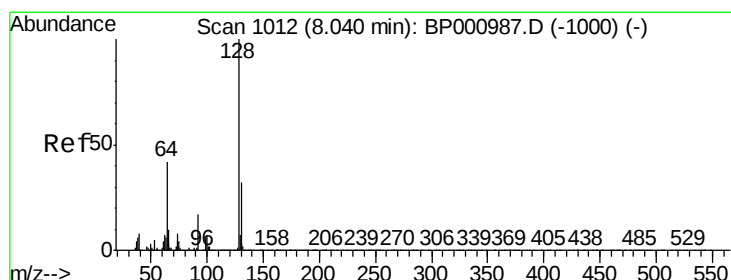
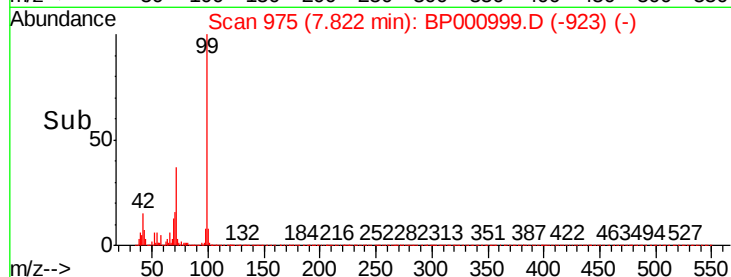
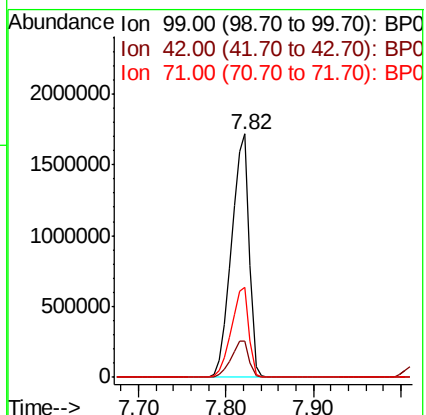
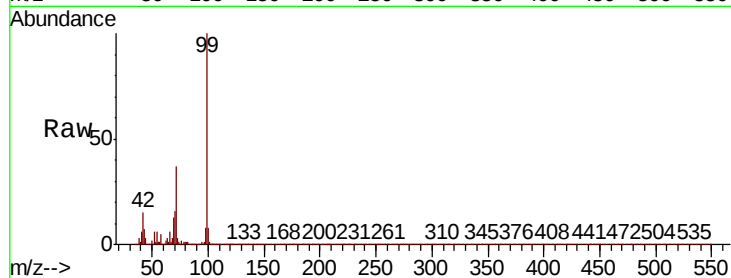
42 15.0 11.6 17.4

71 37.2 28.0 42.0

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#8

2-Chlorophenol

Concen: 10.220 ng

RT: 8.04 min Scan# 1012

Delta R.T. -0.00 min

Lab File: BP000999.D

Acq: 07 Nov 2019 12:07

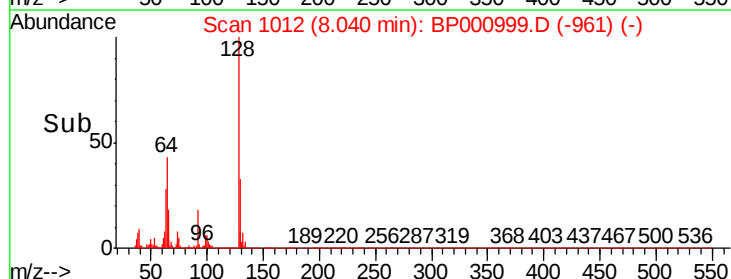
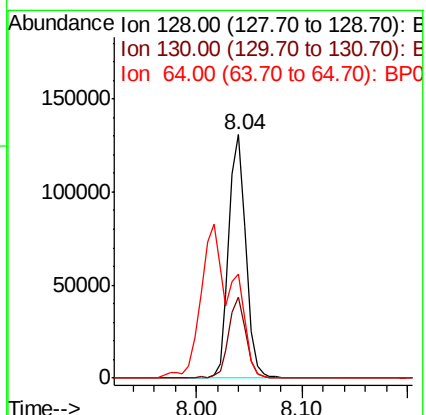
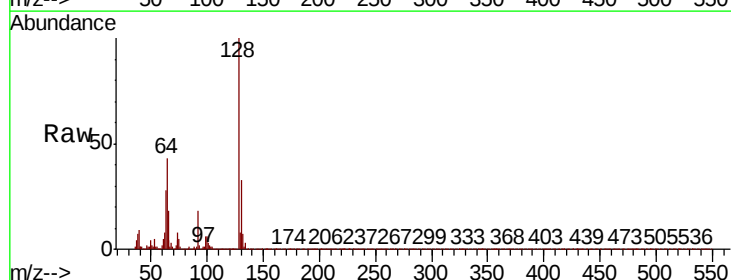
Tgt Ion:128 Resp: 146451

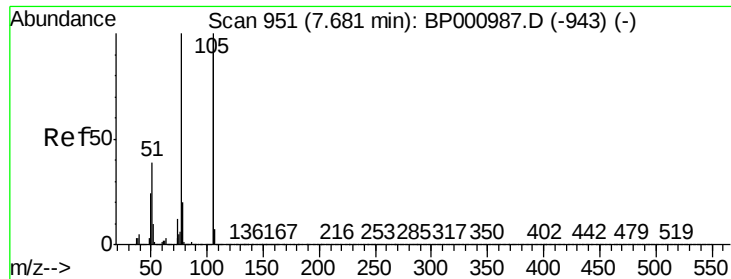
Ion Ratio Lower Upper

128 100

130 33.3 12.0 52.0

64 42.9 22.7 62.7





#9

Benzaldehyde

Concen: 10.768 ng

RT: 7.68 min Scan# 951

Delta R.T. -0.00 min

Lab File: BP000999.D

Acq: 07 Nov 2019 12:07

Instrument :

BNA_P

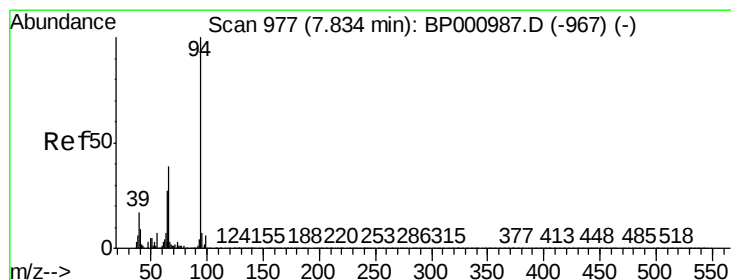
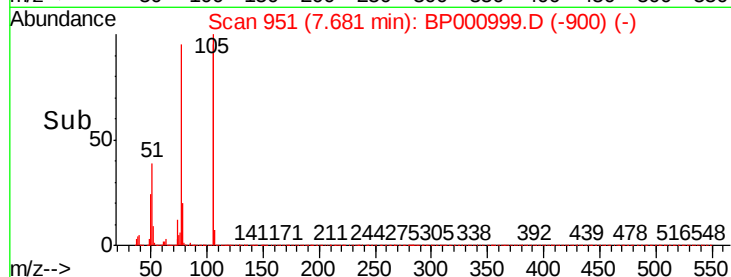
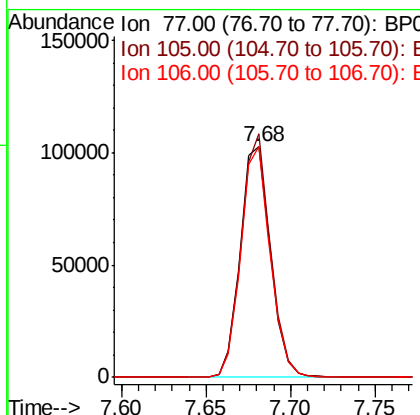
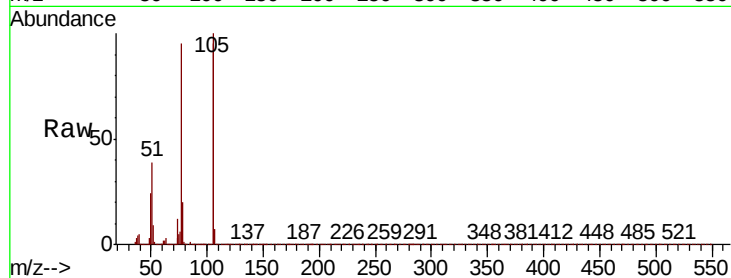
ClientSampleId :

LOQ-SOIL-02-QT4-2019

Tot Ion:	77	Resp:	128391
Ion Ratio	Lower	Upper	
77	100		
105	105.5	80.0	120.0
106	100.1	76.9	116.9

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#10

Phenol

Concen: 9.966 ng m

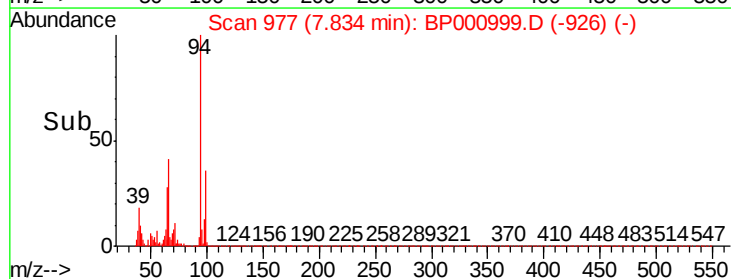
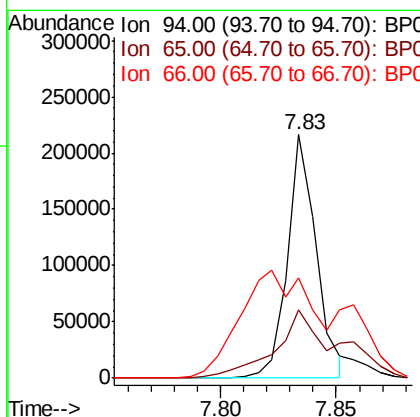
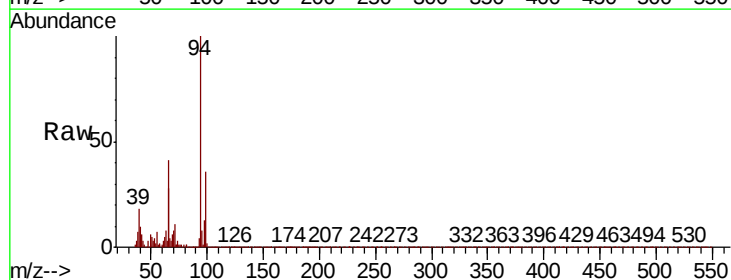
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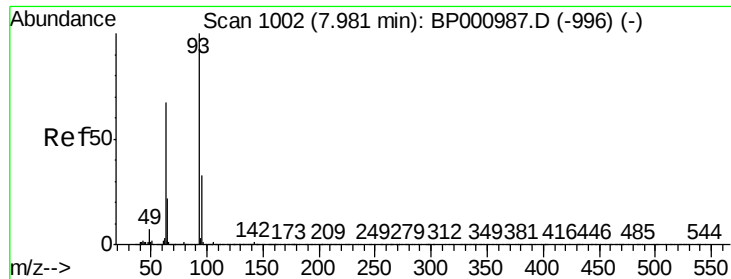
Delta R.T. -0.00 min

Lab File: BP000999.D

Acq: 07 Nov 2019 12:07

Tgt Ion:	94	Resp:	186275
Ion Ratio	Lower	Upper	
94	100		
65	28.1	6.7	46.7
66	41.3	18.6	58.6





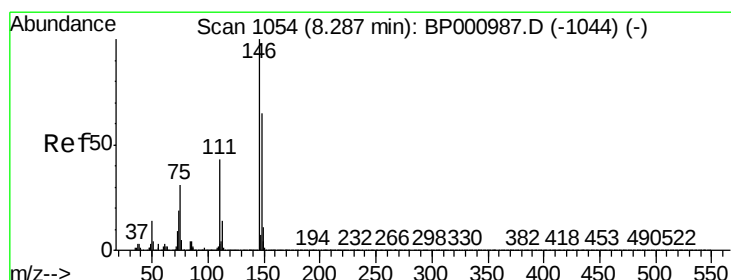
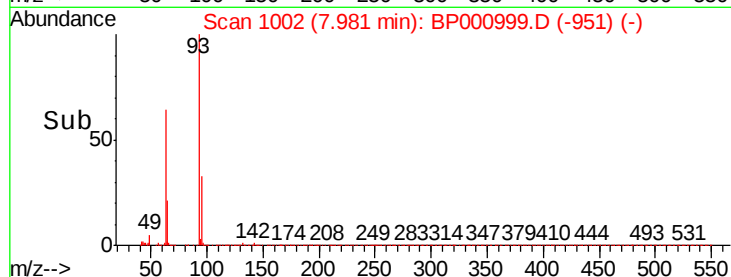
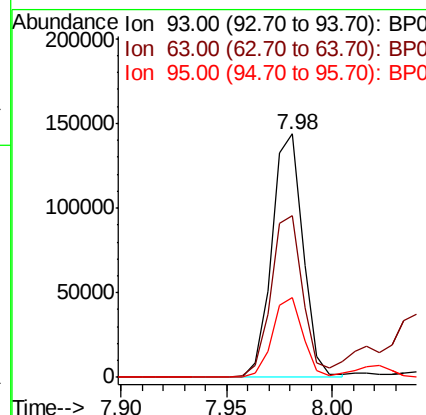
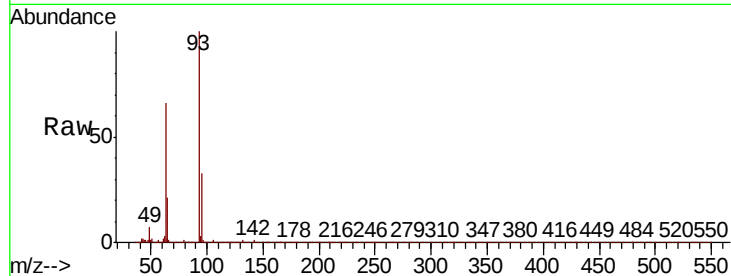
#11
bis(2-Chloroethyl)ether
Concen: 10.122 ng
RT: 7.98 min Scan# 1002
Delta R.T. -0.00 min
Lab File: BP000999.D
Acq: 07 Nov 2019 12:07

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2019

Tot Ion	93	Resp	147284
Ion Ratio	Lower	Upper	
93	100		
63	66.5	47.4	87.4
95	32.9	12.6	52.6

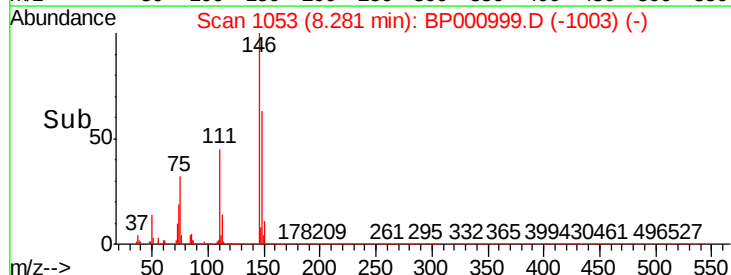
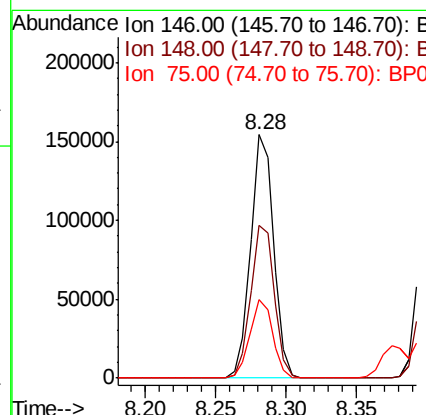
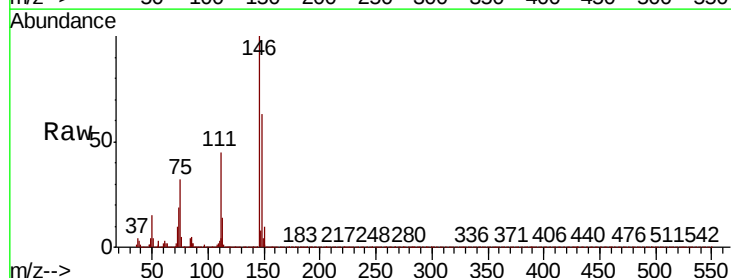
Manual Integrations
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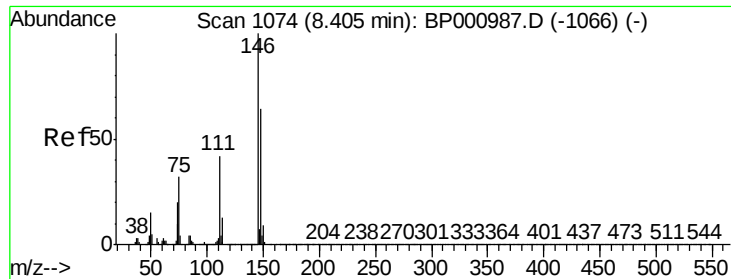
Sohil
11/8/2019 3:33:47 PM



#12
1,3-Dichlorobenzene
Concen: 9.776 ng
RT: 8.28 min Scan# 1053
Delta R.T. -0.01 min
Lab File: BP000999.D
Acq: 07 Nov 2019 12:07

Tgt Ion	146	Resp	175759
Ion Ratio	Lower	Upper	
146	100		
148	63.0	52.3	78.5
75	32.4	24.6	37.0





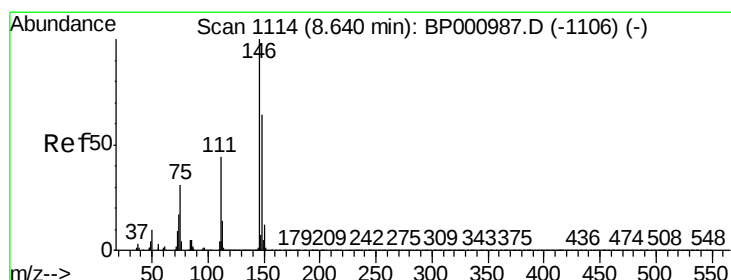
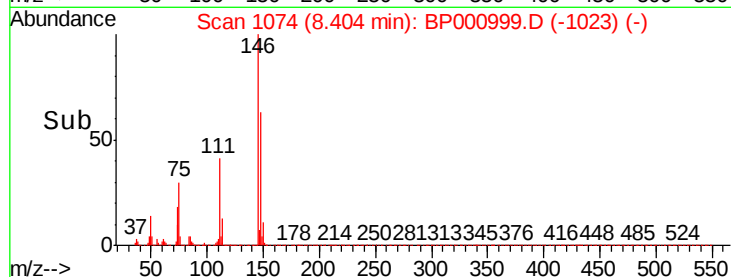
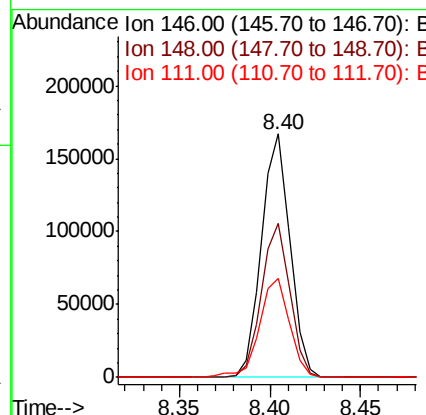
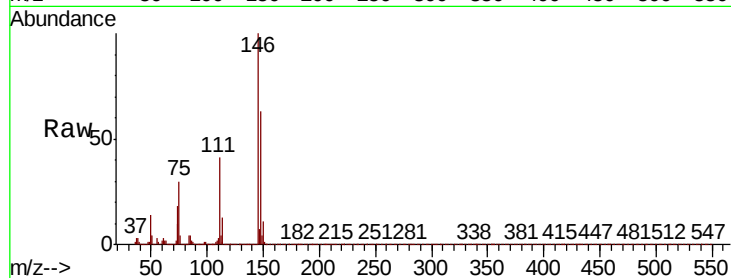
#13
1,4-Dichlorobenzene
Concen: 10.082 ng
RT: 8.40 min Scan# 1074
Delta R.T. -0.00 min
Lab File: BP000999.D
Acq: 07 Nov 2019 12:07

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2019

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.4	51.5	77.3
111	40.8	33.8	50.6

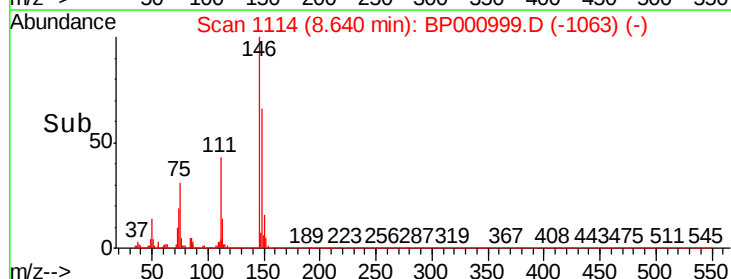
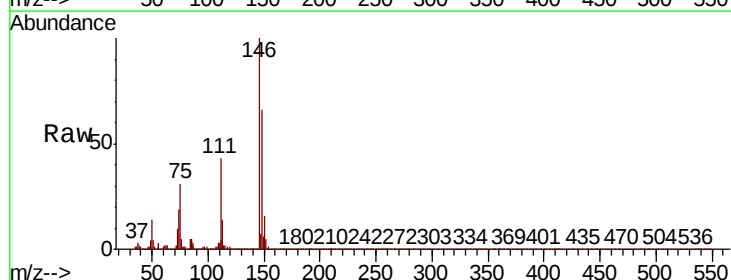
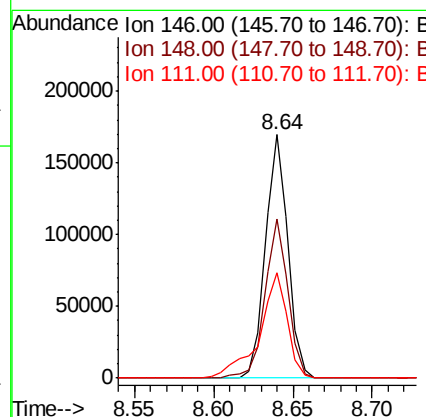
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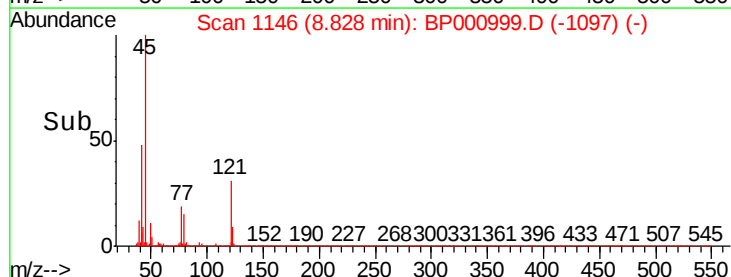
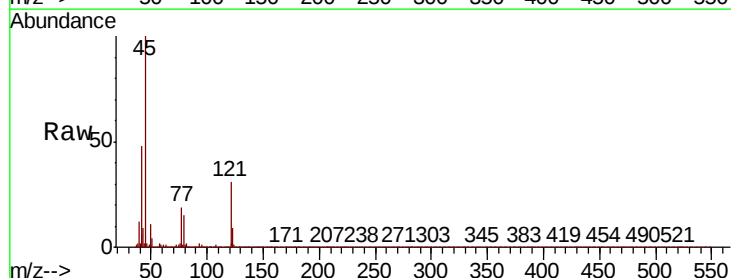
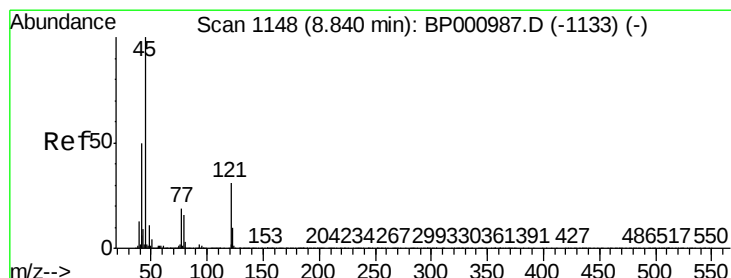
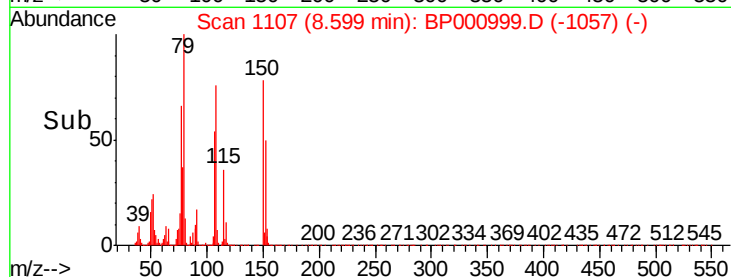
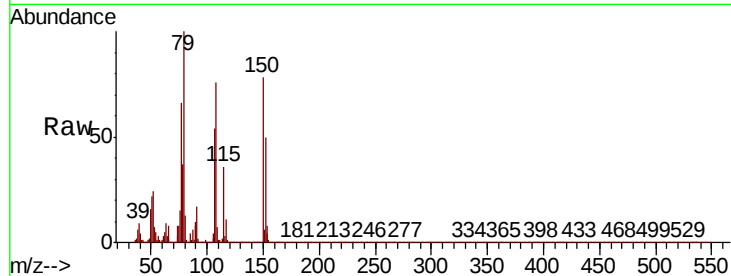
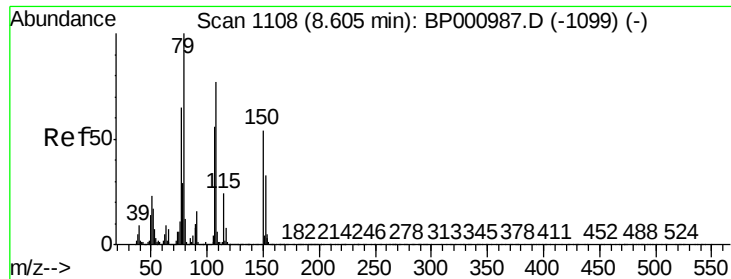
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#14
1,2-Dichlorobenzene
Concen: 10.002 ng
RT: 8.64 min Scan# 1114
Delta R.T. -0.00 min
Lab File: BP000999.D
Acq: 07 Nov 2019 12:07

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.5	51.4	77.0
111	43.3	35.6	53.4





#15

Benzyl Alcohol

Concen: 11.890 ng

RT: 8.60 min Scan# 1107

Delta R.T. -0.01 min

Lab File: BP000999.D

Acq: 07 Nov 2019 12:07

Tot Ion:	79	Resp:	154833
Ion Ratio	Lower	Upper	
79	100		
108	76.3	62.0	93.0
77	66.5	51.9	77.9

Instrument :

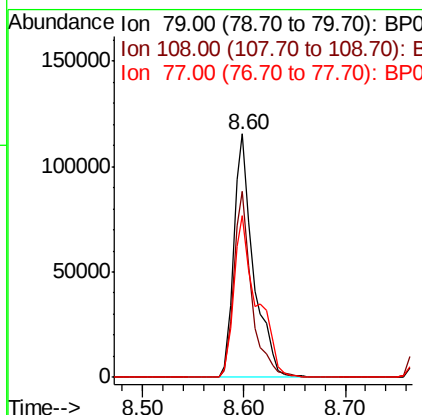
BNA_P

ClientSampleId :

LOQ-SOIL-02-QT4-2019

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 9.552 ng

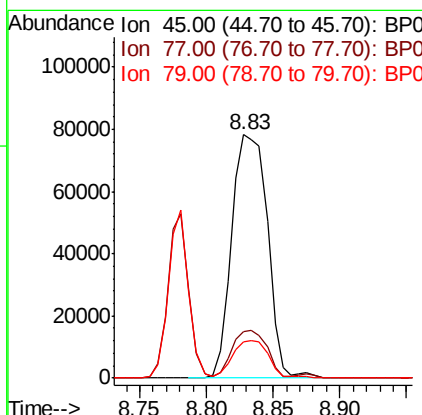
RT: 8.83 min Scan# 1146

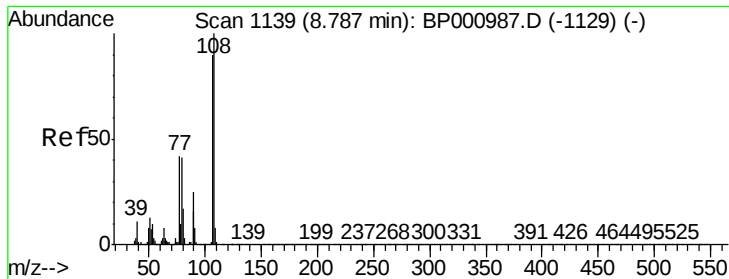
Delta R.T. -0.01 min

Lab File: BP000999.D

Acq: 07 Nov 2019 12:07

Tgt Ion:	45	Resp:	145157
Ion Ratio	Lower	Upper	
45	100		
77	18.9	0.0	39.1
79	14.7	0.0	35.9





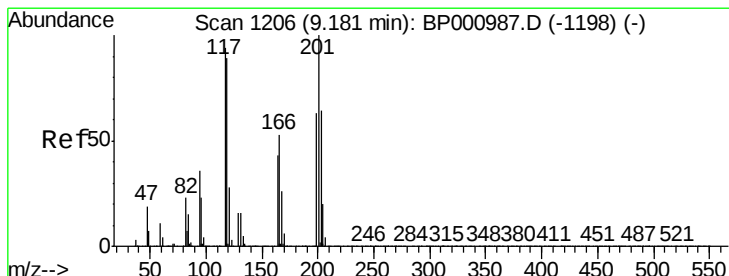
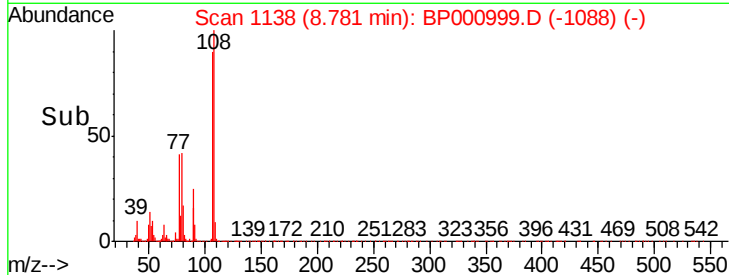
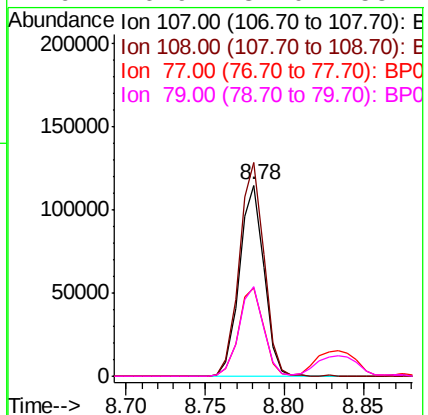
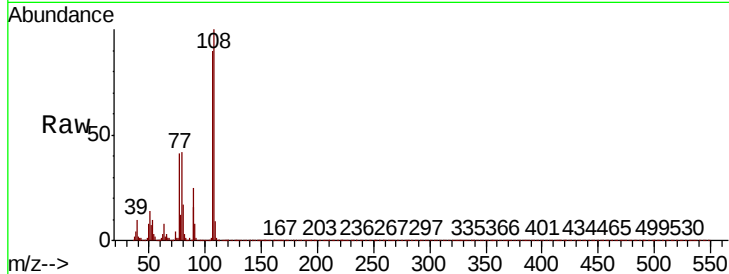
#17
2-Methylphenol
Concen: 10.124 ng
RT: 8.78 min Scan# 1138
Delta R.T. -0.01 min
Lab File: BP000999.D
Acq: 07 Nov 2019 12:07

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2019

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.6	89.3	133.9	
77	46.1	37.2	55.8	
79	46.9	37.0	55.4	

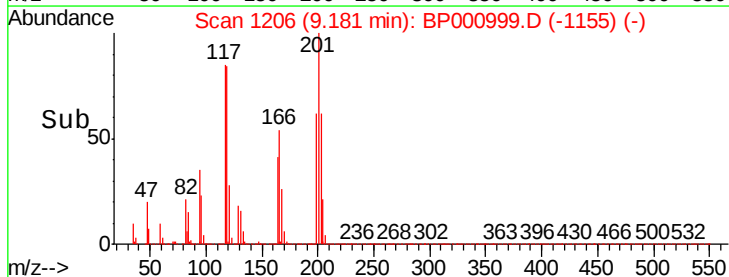
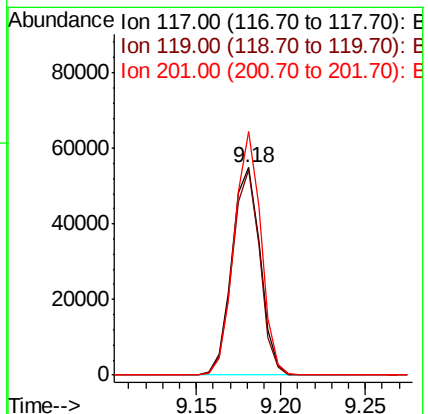
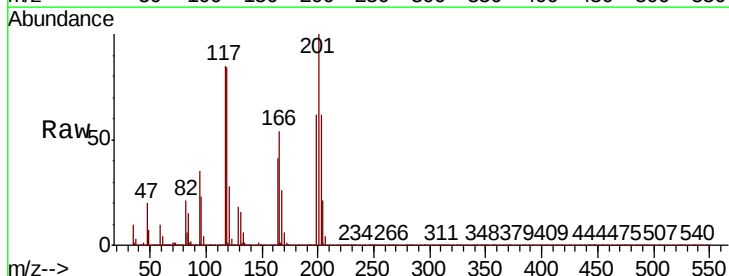
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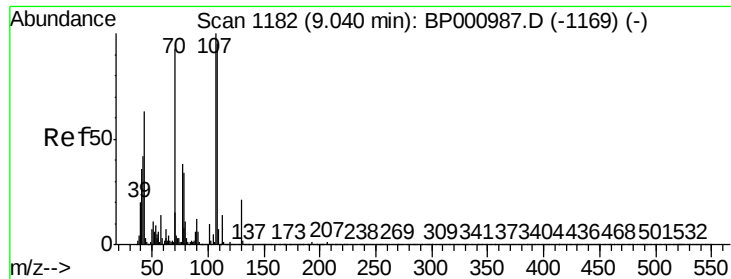
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#18
Hexachloroethane
Concen: 9.615 ng
RT: 9.18 min Scan# 1206
Delta R.T. -0.00 min
Lab File: BP000999.D
Acq: 07 Nov 2019 12:07

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	98.9	75.5	113.3	
201	117.3	84.9	127.3	





#19

n-Nitroso-di-n-propylamine

Concen: 10.320 ng

RT: 9.03 min Scan# 1181

Delta R.T. -0.01 min

Lab File: BP000999.D

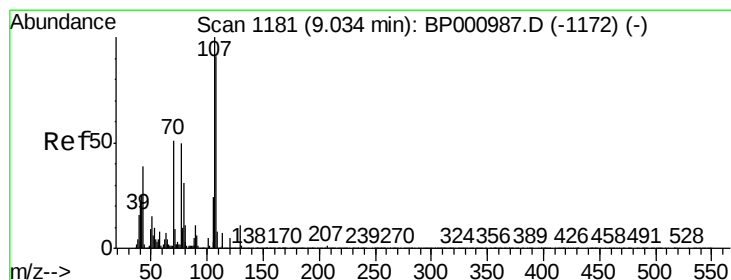
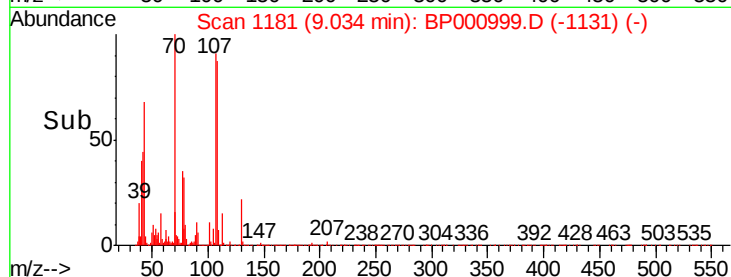
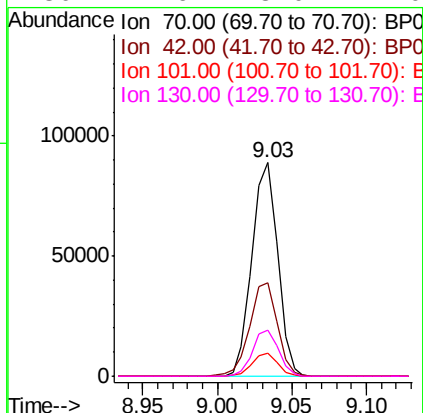
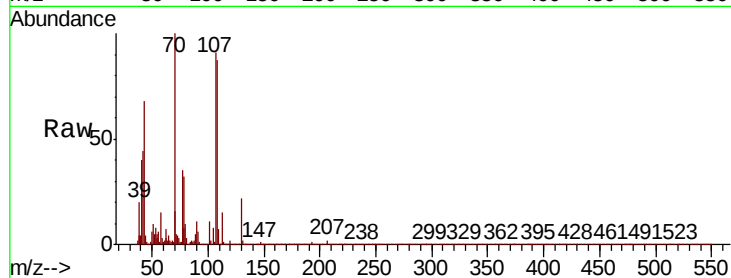
Acq: 07 Nov 2019 12:07

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2019

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	43.9	36.3	54.5		
101	11.1	8.7	13.1		
130	21.6	18.0	27.0		

Manual Integrations
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#20

3+4-Methylphenols

Concen: 10.435 ng

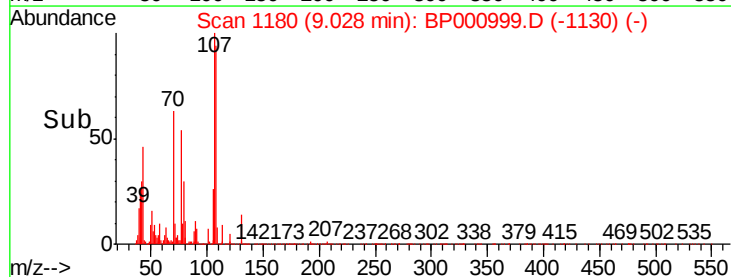
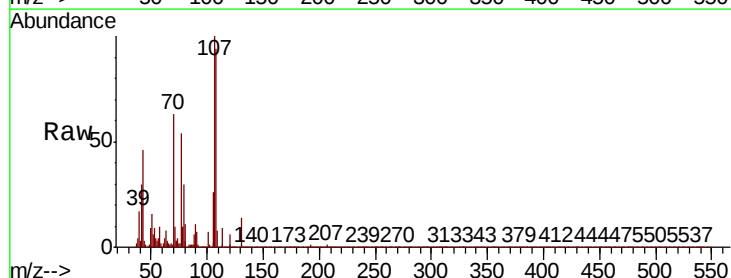
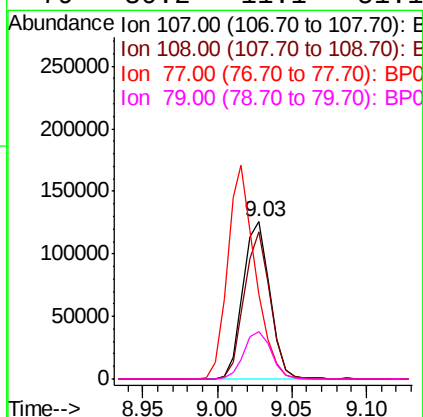
RT: 9.03 min Scan# 1180

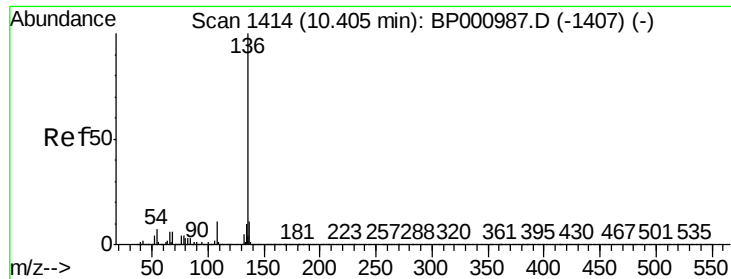
Delta R.T. -0.01 min

Lab File: BP000999.D

Acq: 07 Nov 2019 12:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	94.0	71.1	111.1		
77	53.9	29.8	69.8		
79	30.2	11.1	51.1		





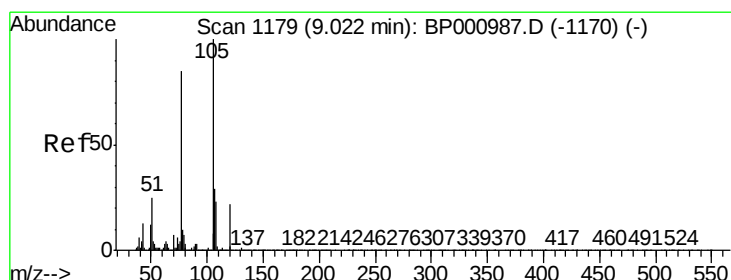
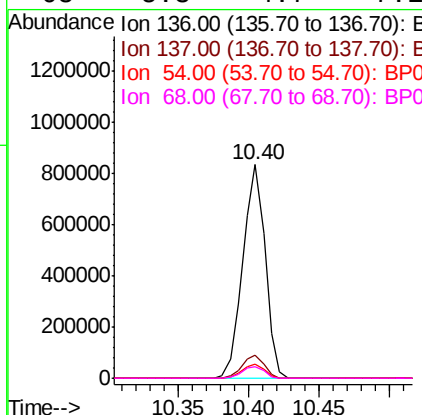
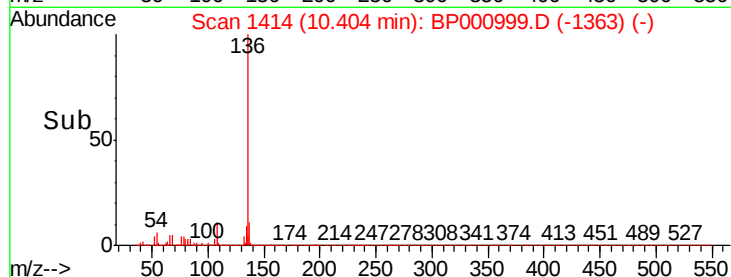
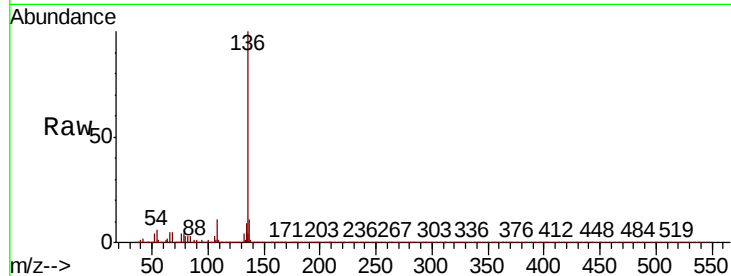
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.40 min Scan# 1414
Delta R.T. -0.00 min
Lab File: BP000999.D
Acq: 07 Nov 2019 12:07

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2019

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.7	9.0	13.6	
54	6.4	5.4	8.2	
68	5.3	4.7	7.1	

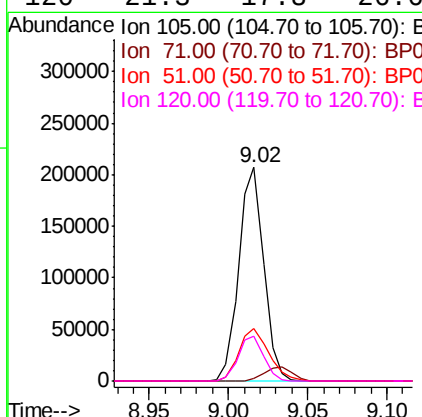
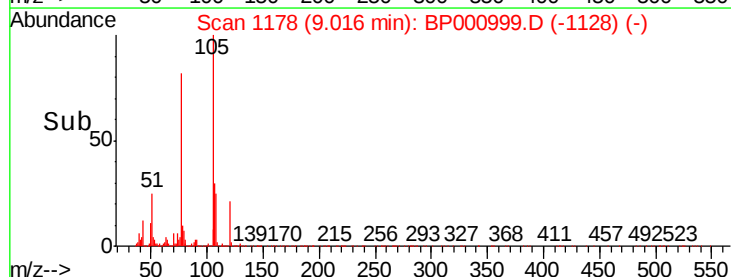
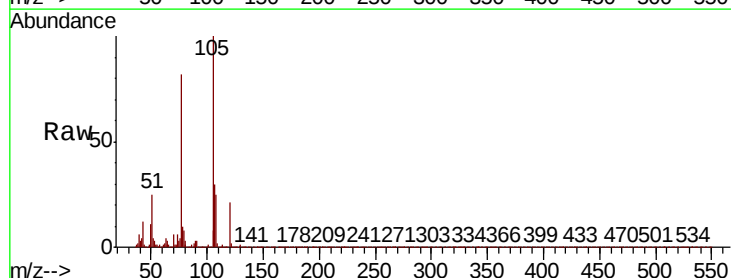
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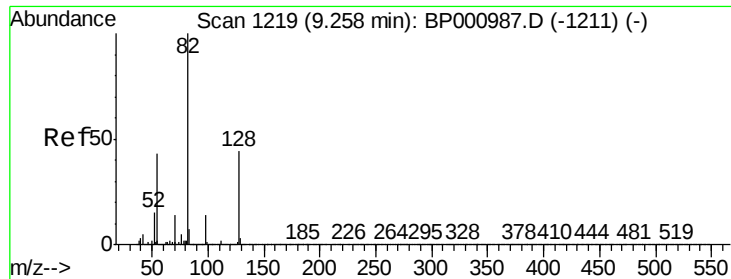
Sohil
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#22
Acetophenone
Concen: 9.455 ng
RT: 9.02 min Scan# 1178
Delta R.T. -0.01 min
Lab File: BP000999.D
Acq: 07 Nov 2019 12:07

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	1.0	1.0	1.4	
51	24.7	19.9	29.9	
120	21.3	17.8	26.6	





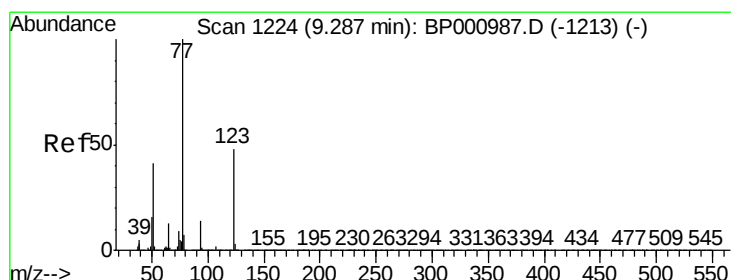
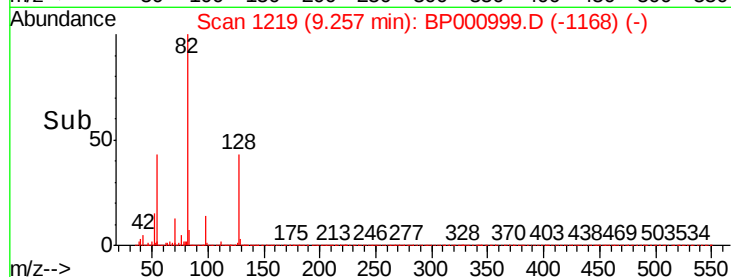
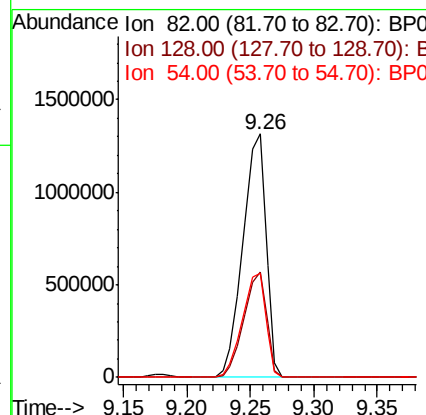
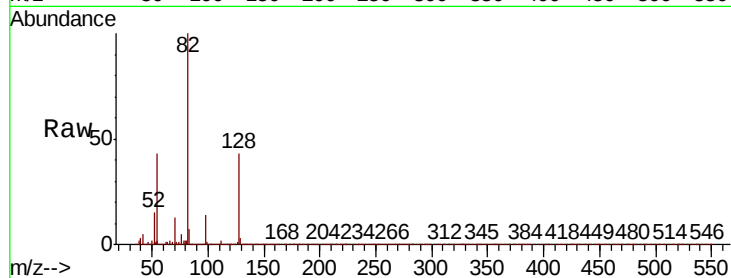
#23
Nitrobenzene-d5
Concen: 99.681 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.00 min
Lab File: BP000999.D
Acq: 07 Nov 2019 12:07

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2019

Tot Ion	Ion	Ratio	Lower	Upper
82	100			
128	43.3	35.3	52.9	
54	43.0	34.3	51.5	

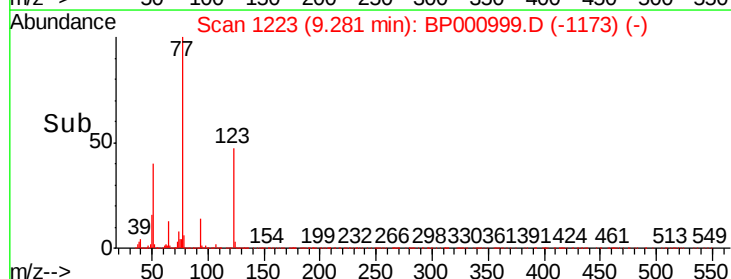
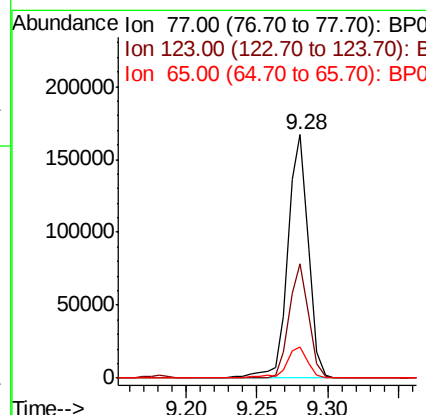
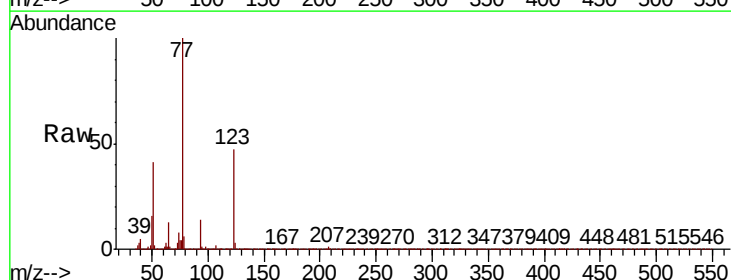
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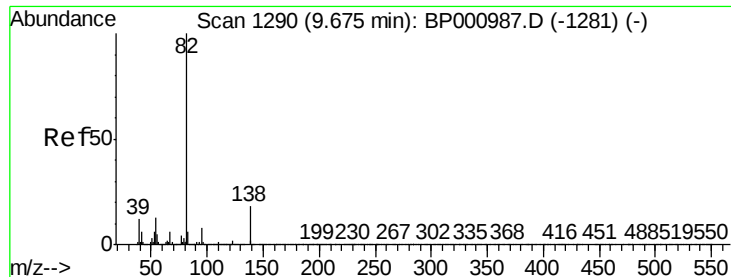
Sohil
11/8/2019 3:33:47 PM



#24
Nitrobenzene
Concen: 10.029 ng
RT: 9.28 min Scan# 1223
Delta R.T. -0.01 min
Lab File: BP000999.D
Acq: 07 Nov 2019 12:07

Tgt Ion	Ion	Ratio	Lower	Upper
77	100			
123	47.0	38.1	57.1	
65	12.8	10.2	15.2	





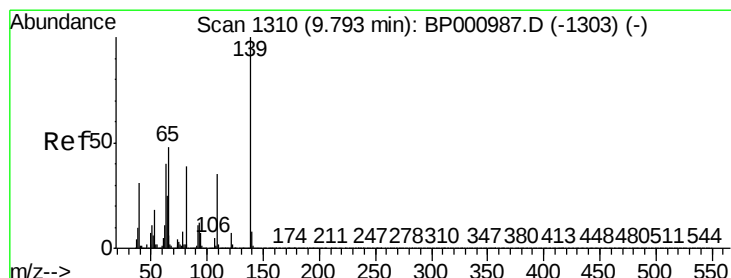
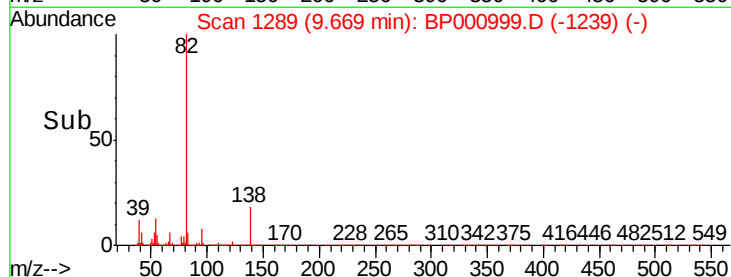
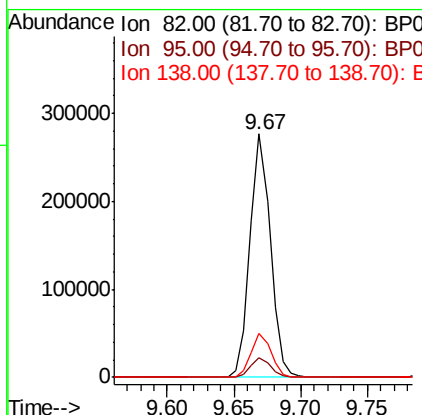
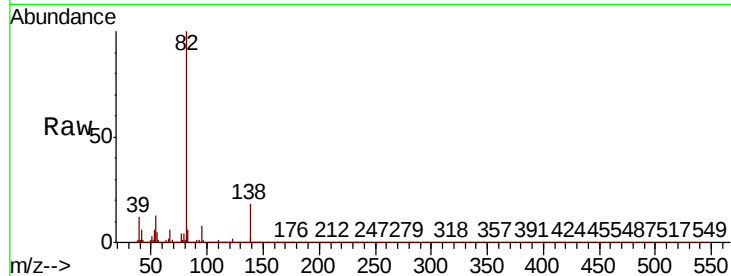
#25
Isophorone
Concen: 9.433 ng
RT: 9.67 min Scan# 1289
Delta R.T. -0.01 min
Lab File: BP000999.D
Acq: 07 Nov 2019 12:07

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2019

Tot Ion	Ratio	Resp Lower	Upper
82	100		
95	8.2	6.2	9.4
138	18.1	14.2	21.4

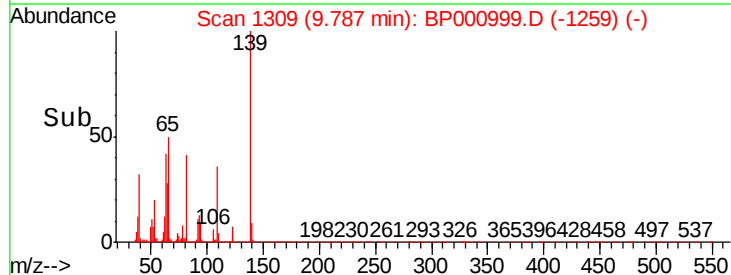
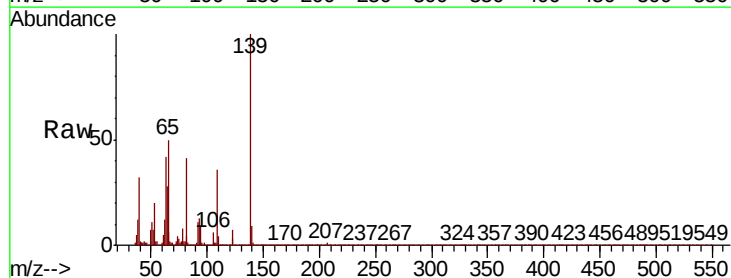
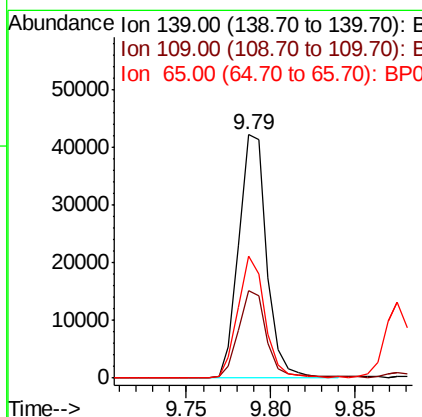
Manual Integrations
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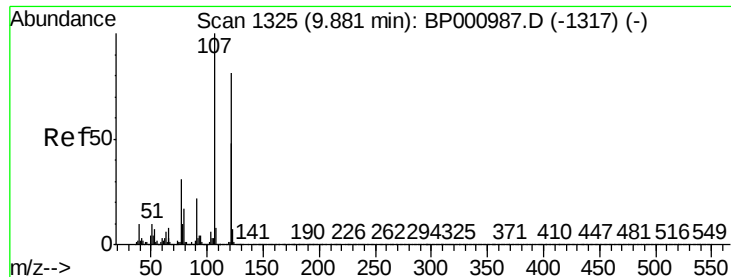
Sohil
11/8/2019 3:33:47 PM



#26
2-Nitrophenol
Concen: 7.840 ng
RT: 9.79 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BP000999.D
Acq: 07 Nov 2019 12:07

Tgt Ion	Ratio	Resp Lower	Upper
139	100		
109	35.8	27.7	41.5
65	50.0	38.2	57.4





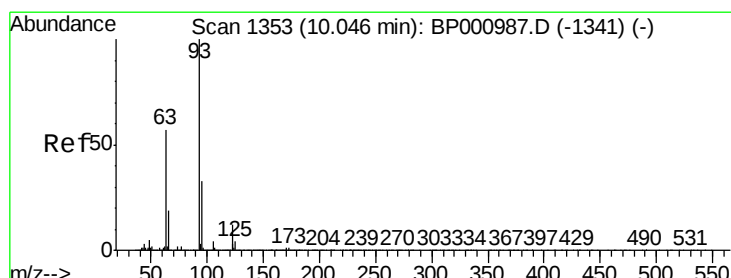
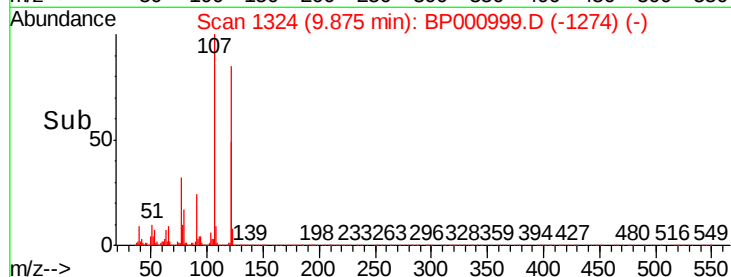
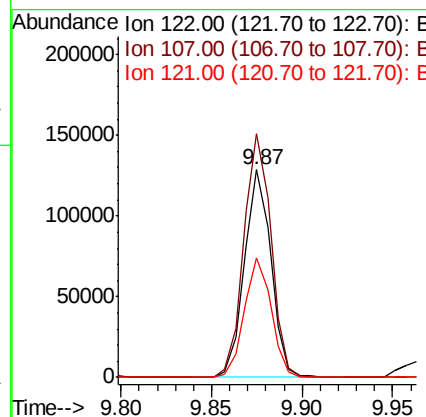
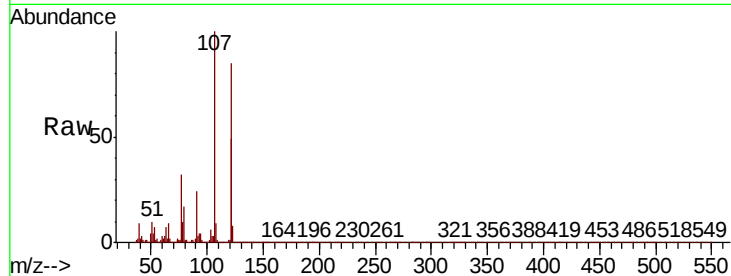
#27
2,4-Dimethylphenol
Concen: 11.173 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BP000999.D
Acq: 07 Nov 2019 12:07

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2019

Tot Ion	Ratio	Resp	Lower	Upper
122	100	130824		
107	117.2	99.3	148.9	
121	57.8	47.9	71.9	

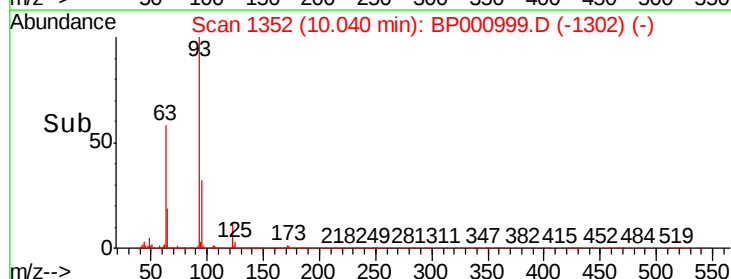
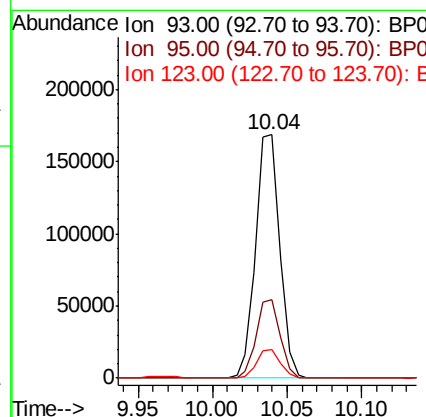
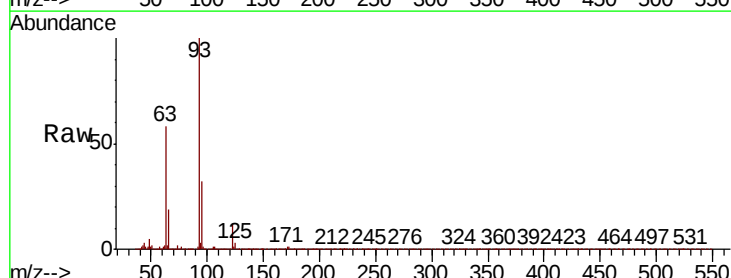
Manual Integrations
APPROVED

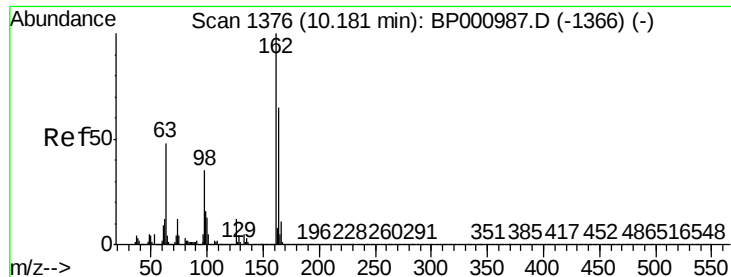
Sohil
11/8/2019 3:33:47 PM



#28
bis(2-Chloroethoxy)methane
Concen: 9.300 ng
RT: 10.04 min Scan# 1352
Delta R.T. -0.01 min
Lab File: BP000999.D
Acq: 07 Nov 2019 12:07

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	186644		
95	32.2	26.1	39.1	
123	11.9	9.6	14.4	





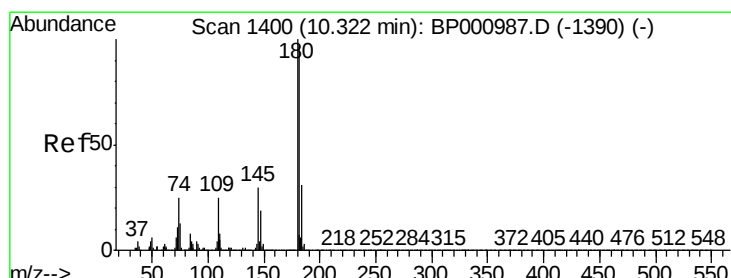
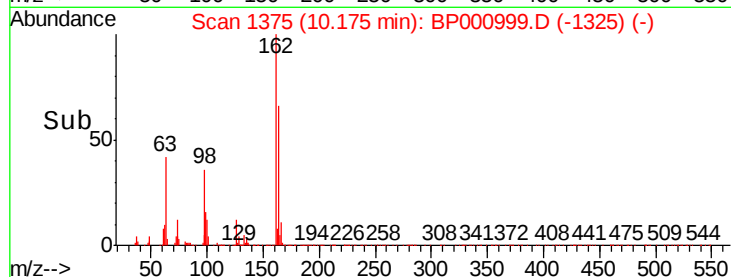
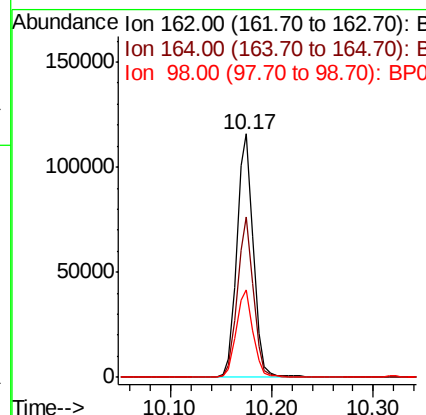
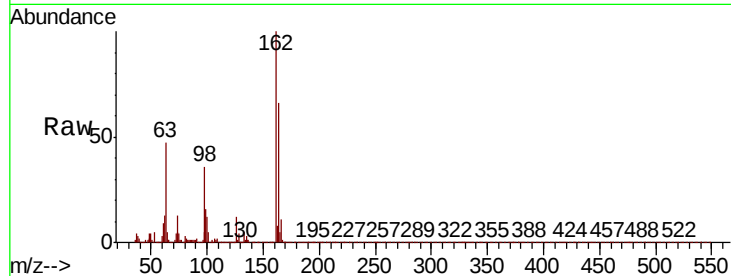
#29
2,4-Dichlorophenol
Concen: 9.241 ng
RT: 10.17 min Scan# 1375
Delta R.T. -0.01 min
Lab File: BP000999.D
Acq: 07 Nov 2019 12:07

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2019

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	66.1	44.5	84.5
98	35.8	15.2	55.2

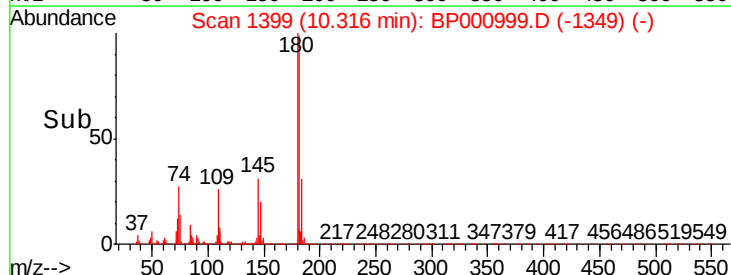
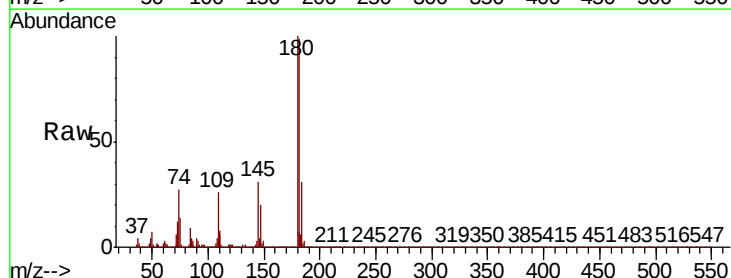
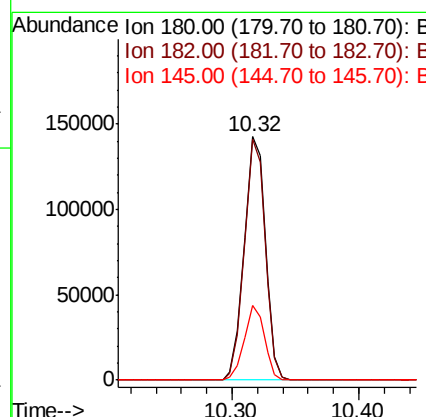
Manual Integrations
APPROVED

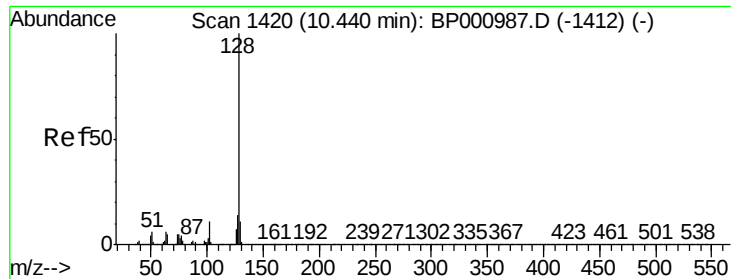
Sohil
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#30
1,2,4-Trichlorobenzene
Concen: 9.447 ng
RT: 10.32 min Scan# 1399
Delta R.T. -0.01 min
Lab File: BP000999.D
Acq: 07 Nov 2019 12:07

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	98.8	77.8	116.6
145	30.7	24.2	36.4





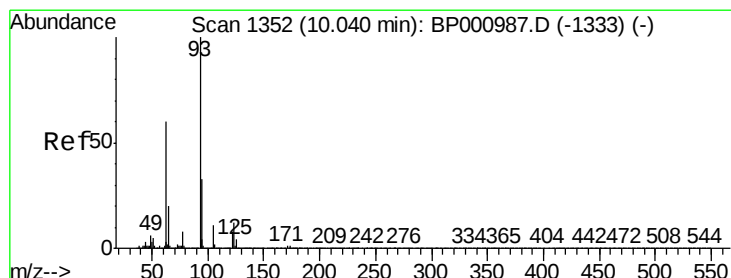
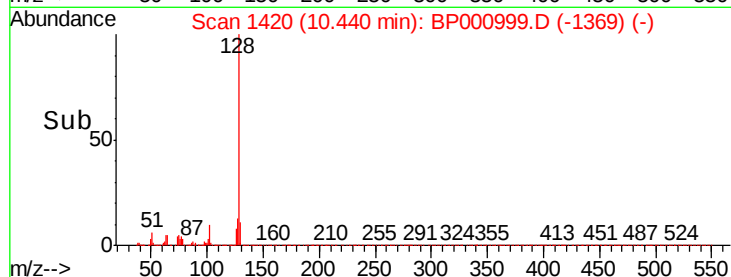
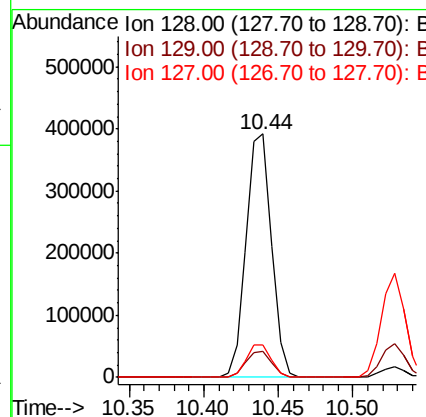
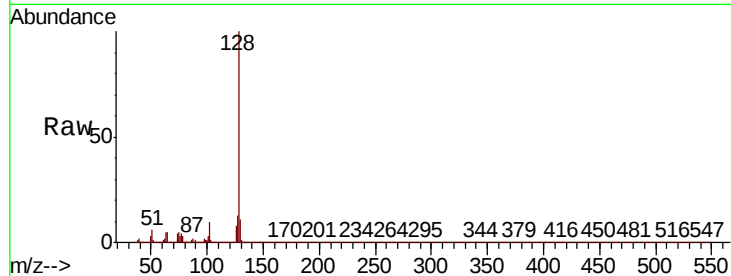
#31
Naphthalene
Concen: 10.018 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.00 min
Lab File: BP000999.D
Acq: 07 Nov 2019 12:07

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2019

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.7	13.1
127	13.4	10.8	16.2

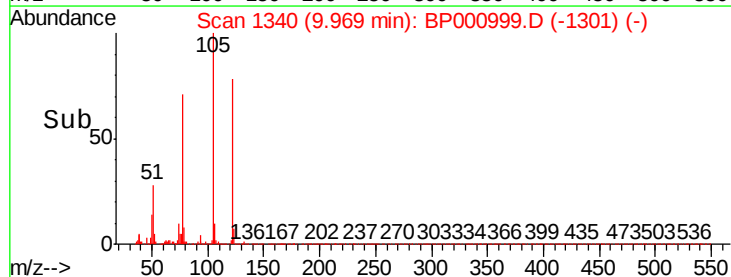
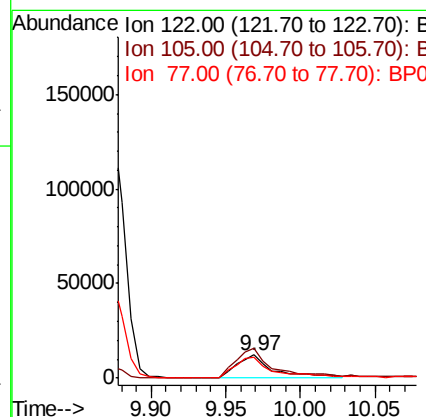
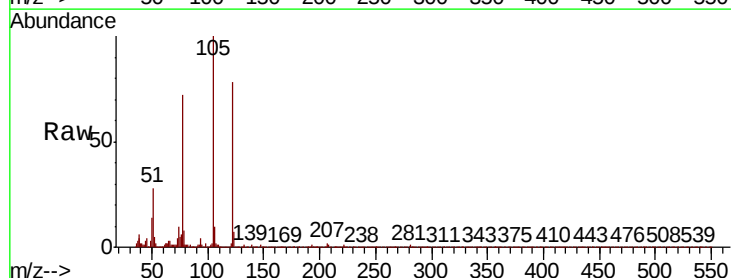
Manual Integrations
APPROVED

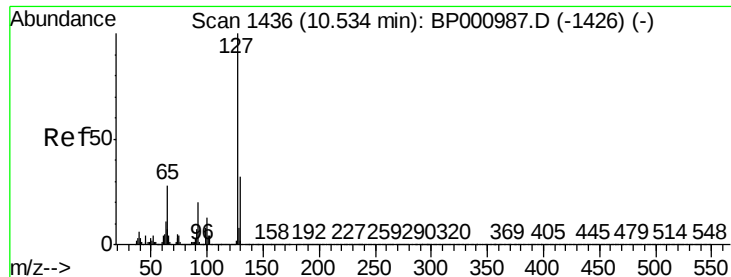
Sohil
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#32
Benzoic acid
Concen: 3.184 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.07 min
Lab File: BP000999.D
Acq: 07 Nov 2019 12:07

Tgt Ion	Ratio	Lower	Upper
122	100		
105	128.6	110.5	150.5
77	92.3	77.9	117.9





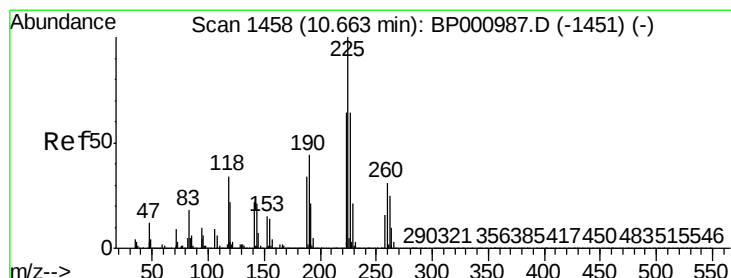
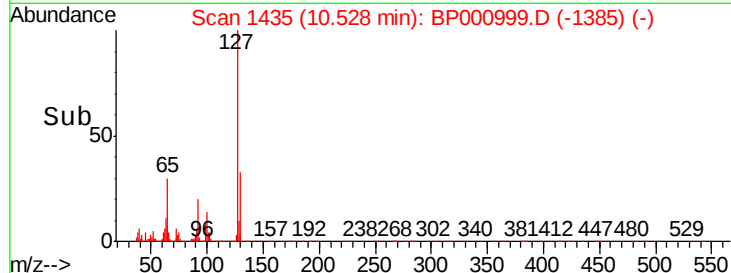
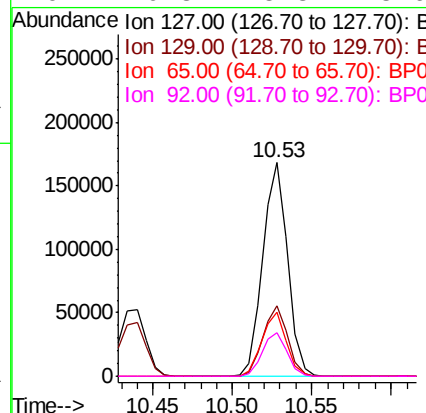
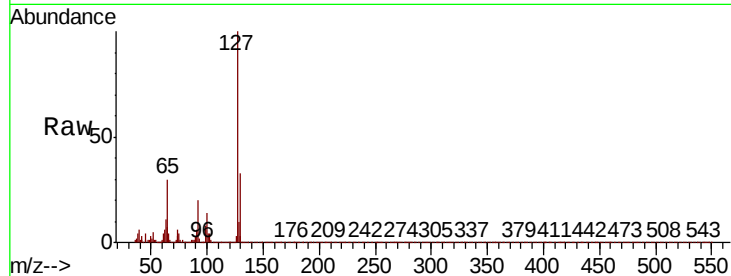
#33
4-Chloroaniline
Concen: 9.332 ng
RT: 10.53 min Scan# 1435
Delta R.T. -0.01 min
Lab File: BP000999.D
Acq: 07 Nov 2019 12:07

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2019

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.7	25.8	38.6
65	30.3	22.7	34.1
92	20.3	15.8	23.6

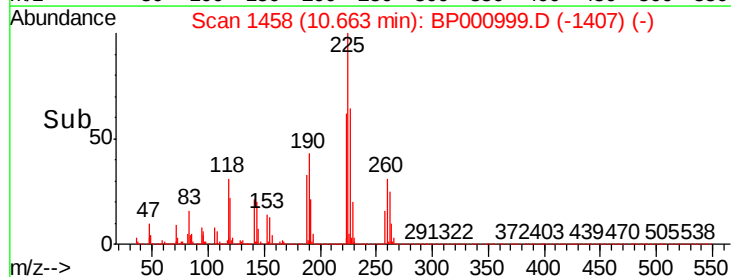
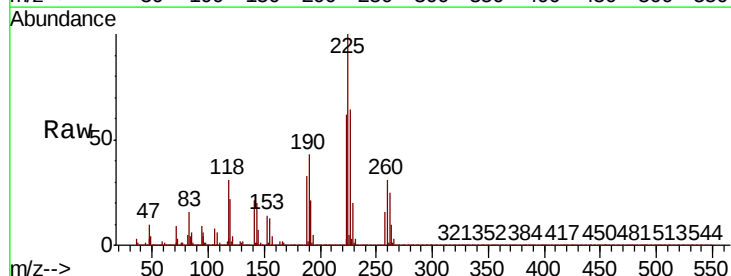
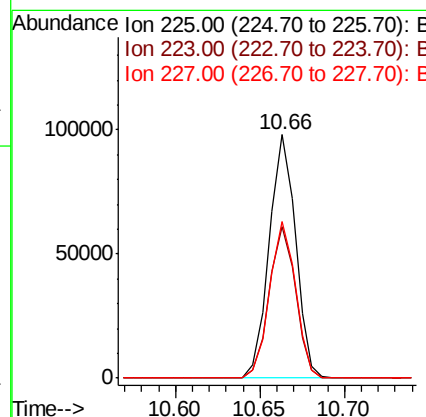
Manual Integrations
APPROVED

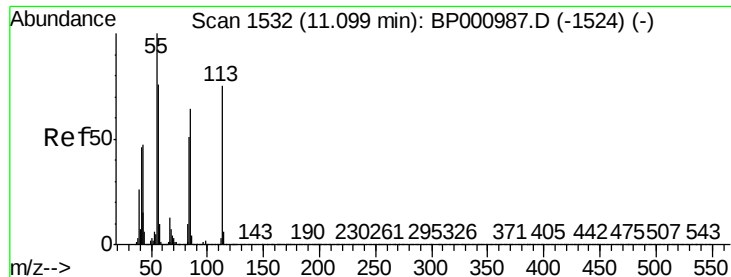
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#34
Hexachlorobutadiene
Concen: 9.260 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.00 min
Lab File: BP000999.D
Acq: 07 Nov 2019 12:07

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.3	51.1	76.7
227	64.1	51.4	77.2





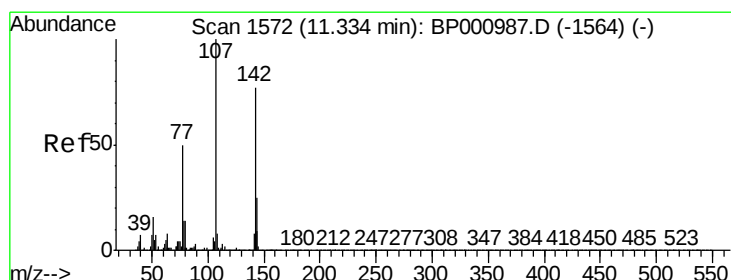
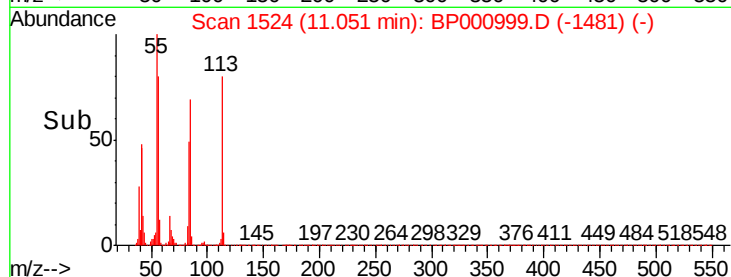
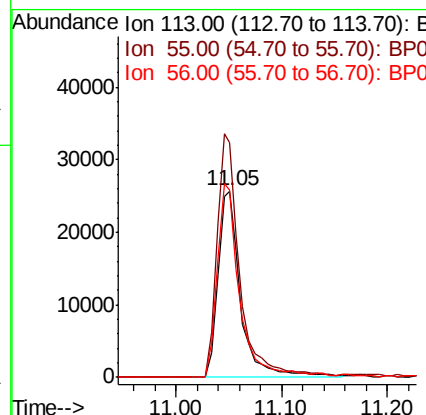
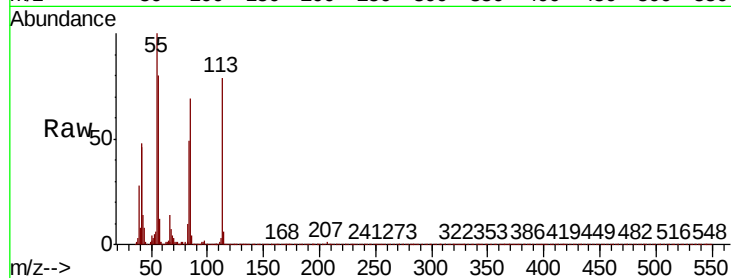
#35
Caprolactam
Concen: 8.641 ng
RT: 11.05 min Scan# 1524
Delta R.T. -0.05 min
Lab File: BP000999.D
Acq: 07 Nov 2019 12:07

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2019

Tot Ion	Ratio	Lower	Upper
113	100		
55	126.1	114.2	154.2
56	100.5	81.9	121.9

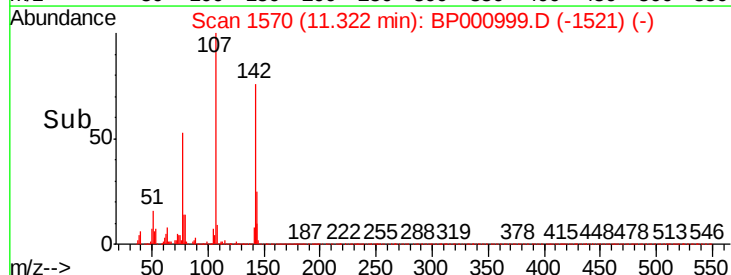
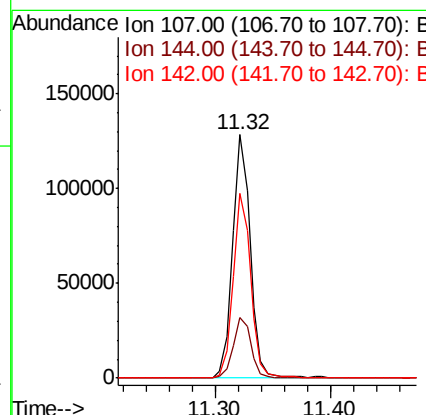
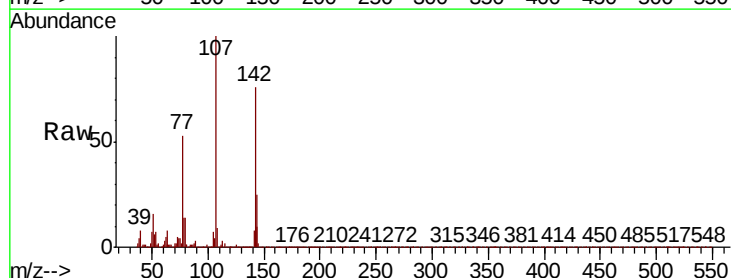
Manual Integrations
APPROVED

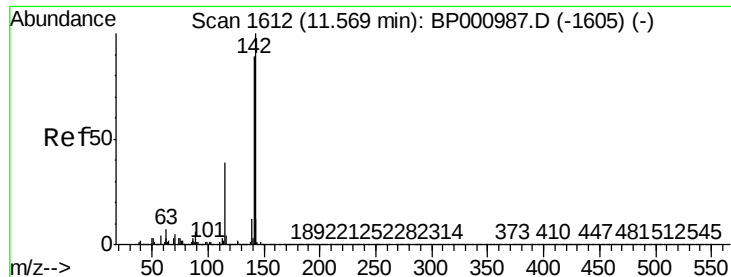
Sohil
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#36
4-Chloro-3-methylphenol
Concen: 9.312 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BP000999.D
Acq: 07 Nov 2019 12:07

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.9	20.0	30.0
142	75.9	61.9	92.9





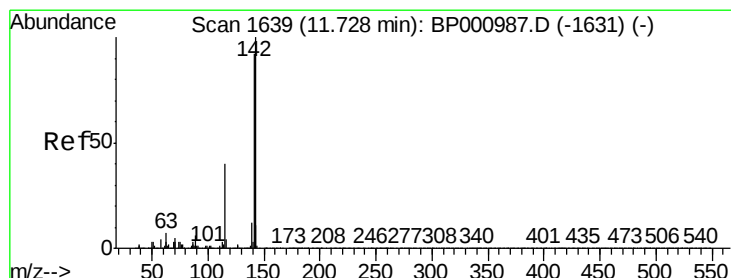
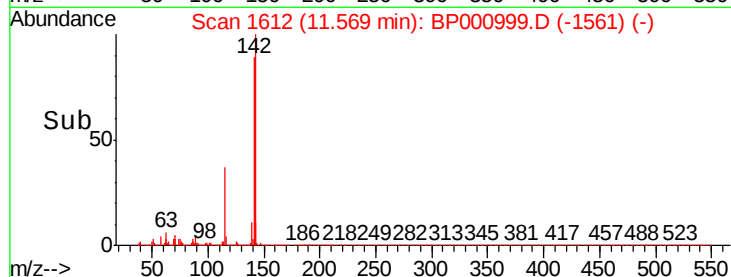
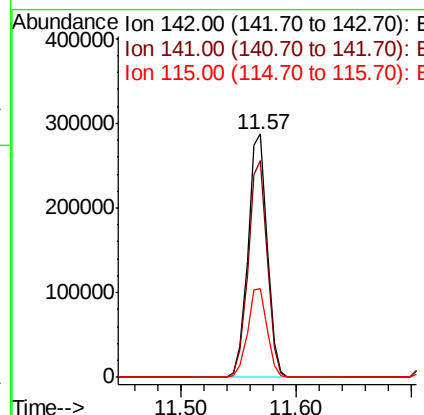
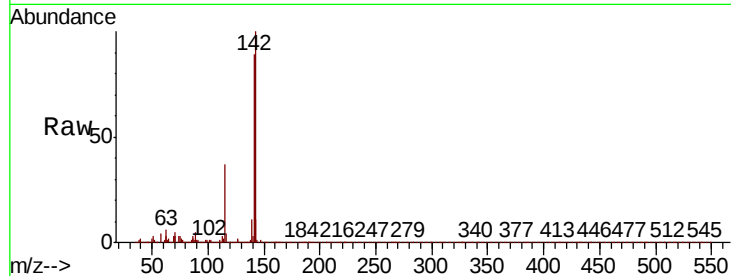
#37
2-Methylnaphthalene
Concen: 10.190 ng
RT: 11.57 min Scan# 1612
Delta R.T. -0.00 min
Lab File: BP000999.D
Acq: 07 Nov 2019 12:07

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2019

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.2	71.5	107.3
115	36.7	30.8	46.2

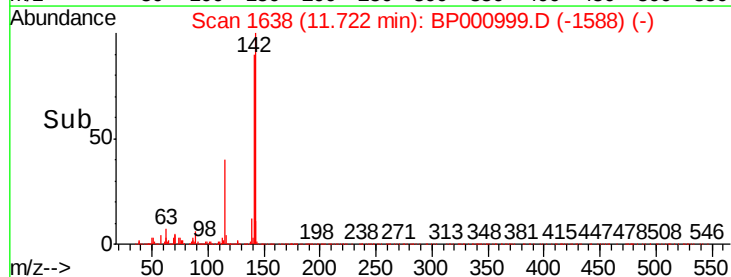
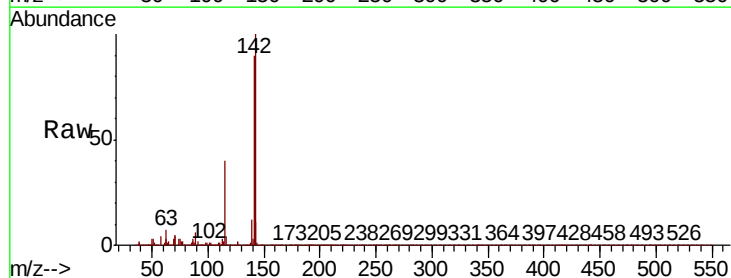
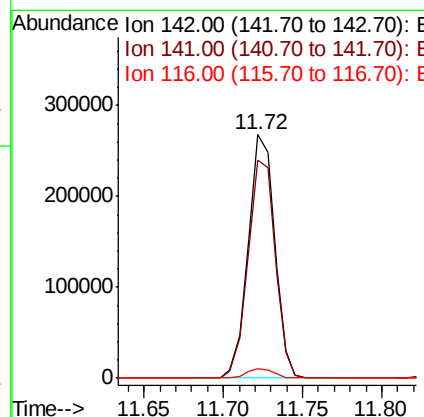
Manual Integrations
APPROVED

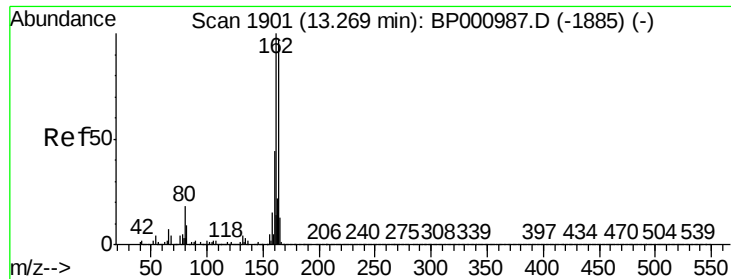
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#38
1-Methylnaphthalene
Concen: 10.183 ng
RT: 11.72 min Scan# 1638
Delta R.T. -0.01 min
Lab File: BP000999.D
Acq: 07 Nov 2019 12:07

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.8	73.9	110.9
116	4.1	3.4	5.0





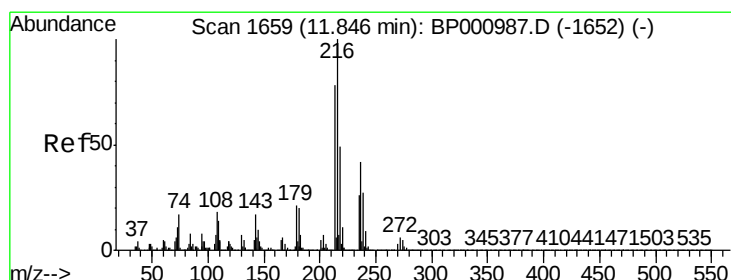
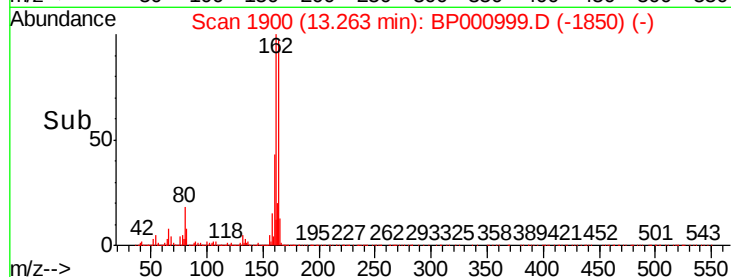
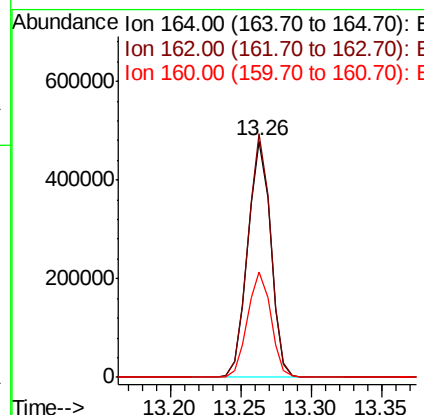
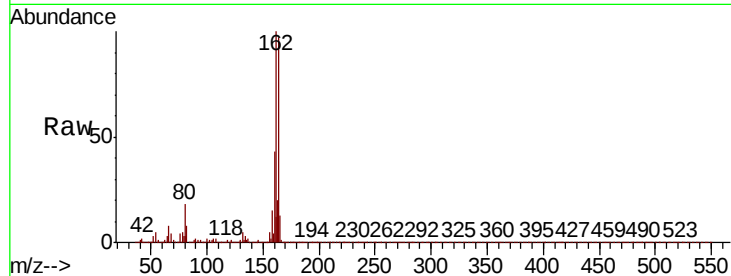
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.26 min Scan# 1900
Delta R.T. -0.01 min
Lab File: BP000999.D
Acq: 07 Nov 2019 12:07

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2019

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	103.1	82.6	123.8	
160	44.5	36.5	54.7	

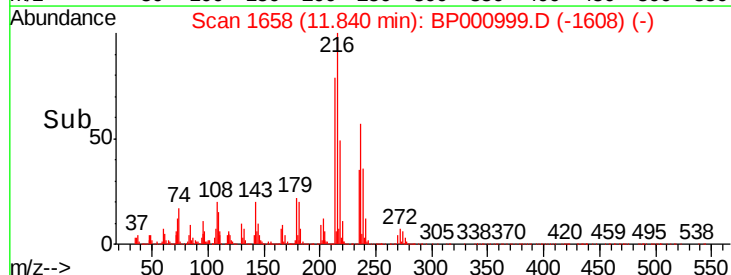
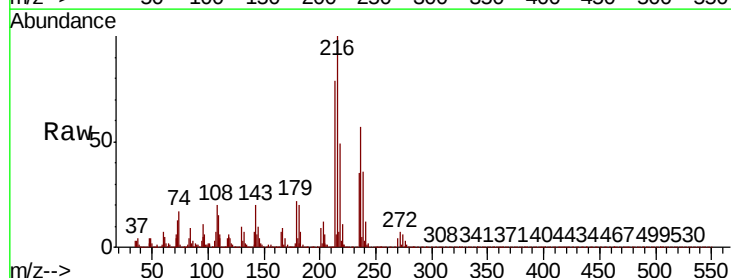
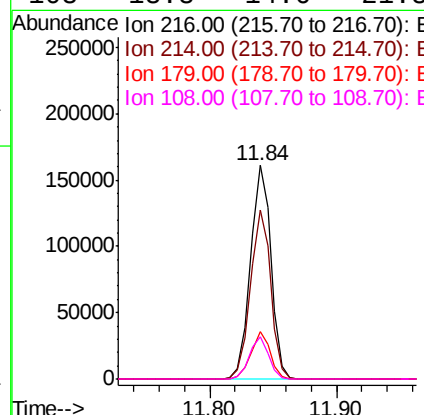
Manual Integrations
APPROVED

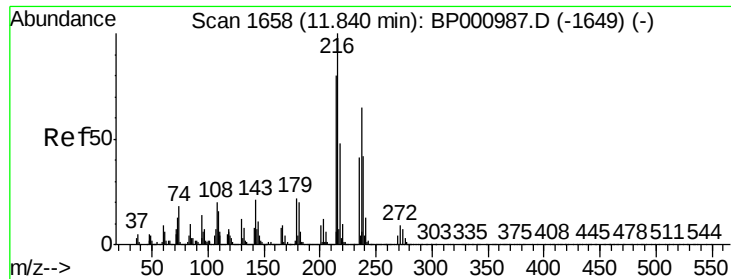
Sohil
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 9.917 ng
RT: 11.84 min Scan# 1658
Delta R.T. -0.01 min
Lab File: BP000999.D
Acq: 07 Nov 2019 12:07

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	78.3	62.8	94.2	
179	20.8	16.8	25.2	
108	18.8	14.6	21.8	





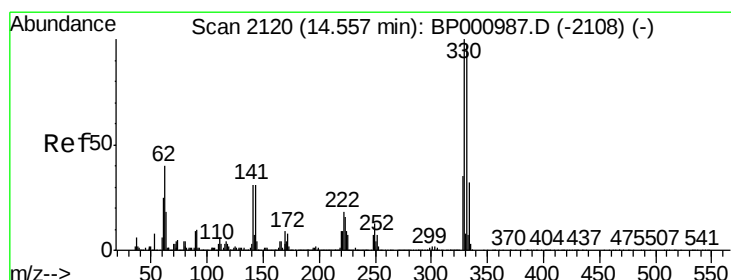
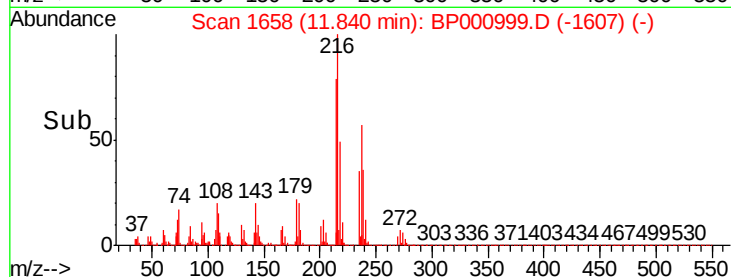
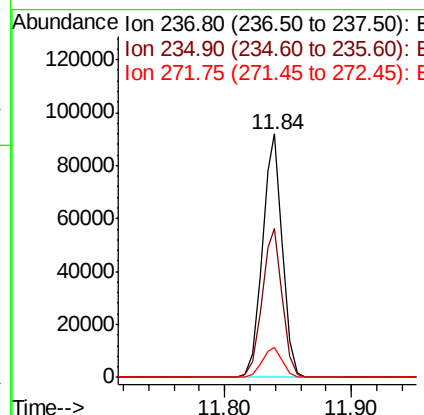
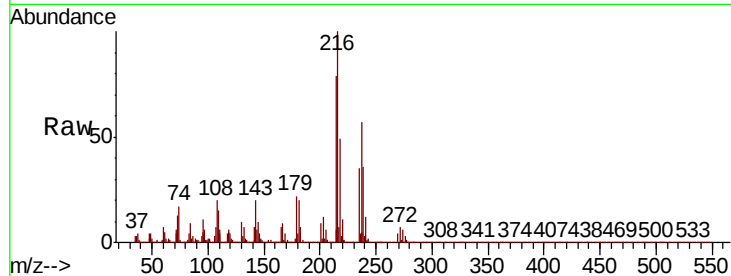
#41
Hexachlorocyclopentadiene
Concen: 11.060 ng
RT: 11.84 min Scan# 1658
Delta R.T. -0.00 min
Lab File: BP000999.D
Acq: 07 Nov 2019 12:07

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2019

Tot Ion	Ratio	Resp	Lower	Upper
237	100			
235	61.4	43.1	83.1	
272	12.5	0.0	33.1	

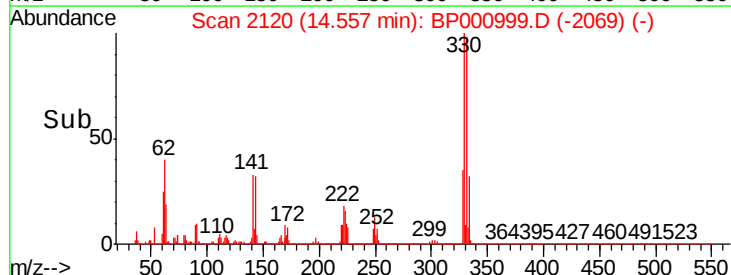
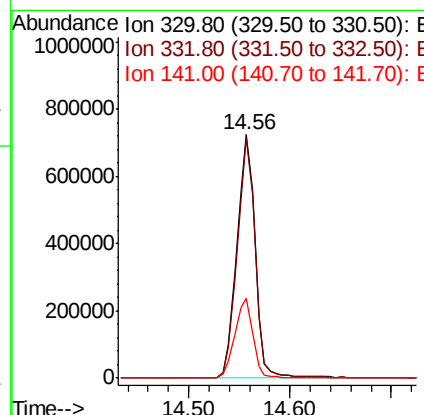
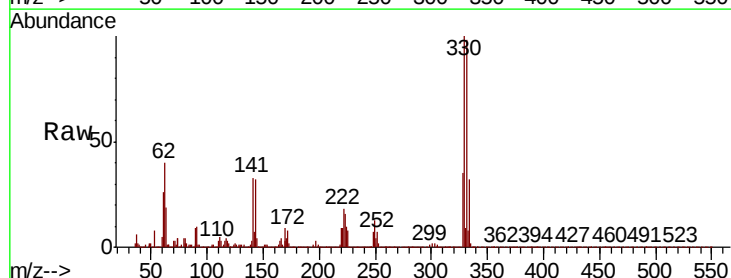
Manual Integrations
APPROVED

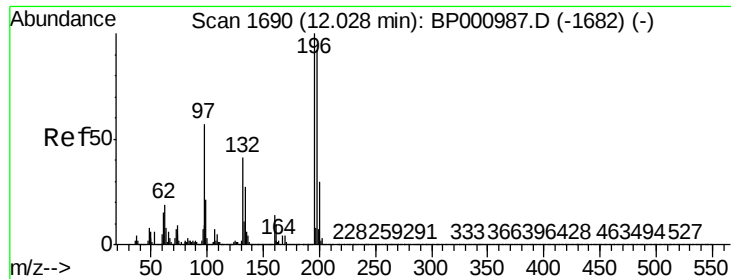
Sohil
11/8/2019 3:33:47 PM



#42
2,4,6-Tribromophenol
Concen: 139.846 ng
RT: 14.56 min Scan# 2120
Delta R.T. -0.00 min
Lab File: BP000999.D
Acq: 07 Nov 2019 12:07

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	97.4	78.3	117.5	
141	32.7	25.0	37.4	





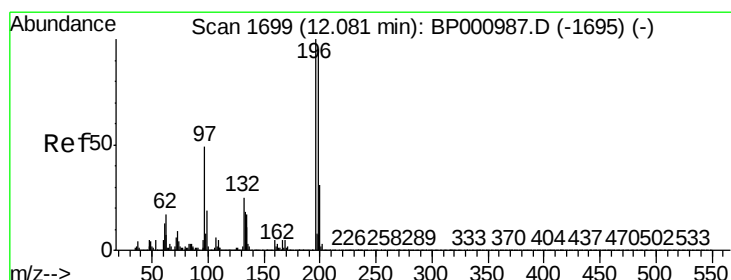
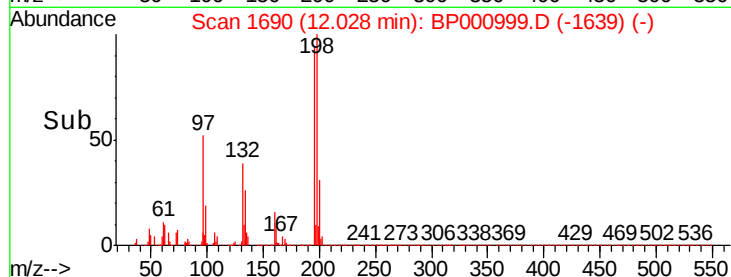
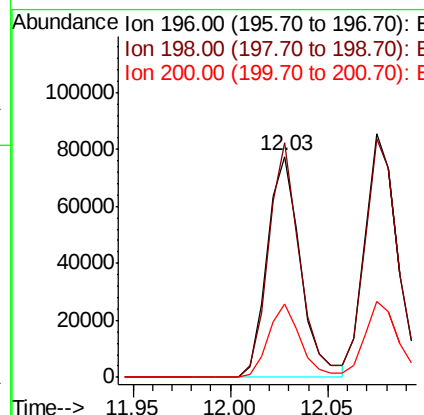
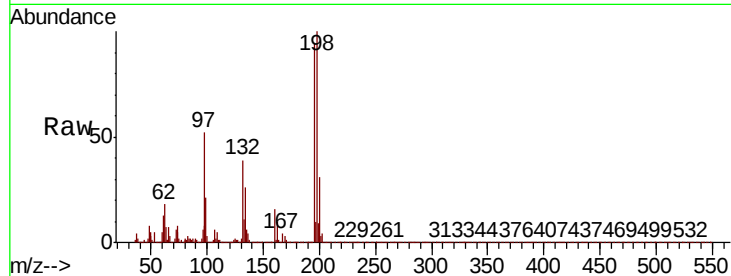
#43
2,4,6-Trichlorophenol
Concen: 8.390 ng
RT: 12.03 min Scan# 1690
Delta R.T. -0.00 min
Lab File: BP000999.D
Acq: 07 Nov 2019 12:07

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2019

Tot Ion	Ratio	Resp	Lower	Upper
196	100			
198	106.2	74.0	111.0	
200	33.4	24.2	36.4	

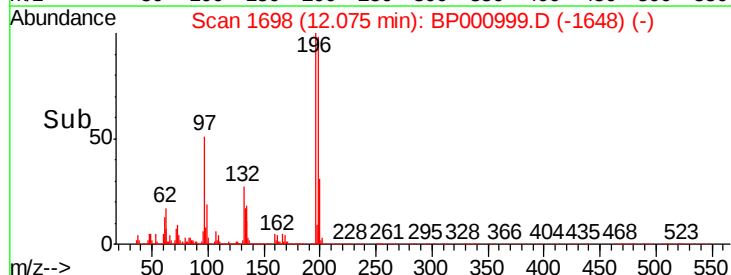
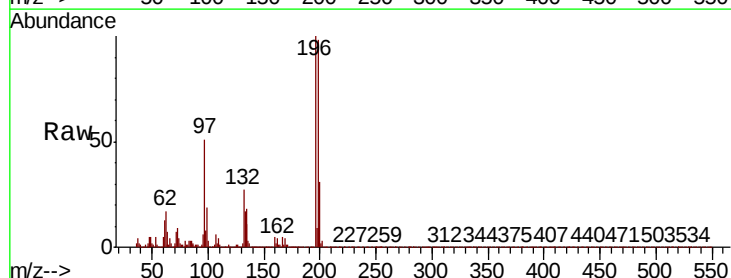
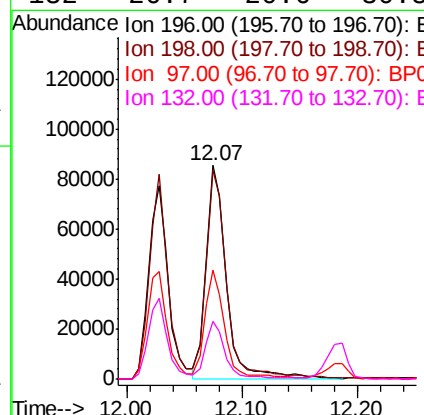
Manual Integrations
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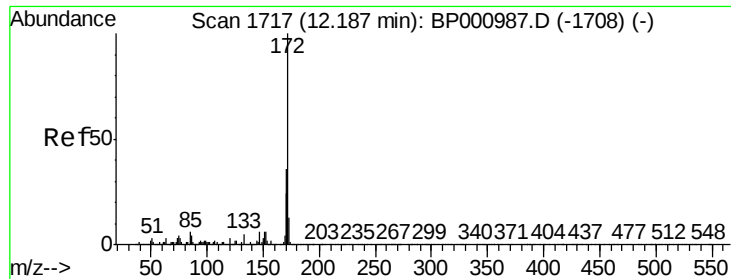
Sohil
11/8/2019 3:33:47 PM



#44
2,4,5-Trichlorophenol
Concen: 9.069 ng
RT: 12.07 min Scan# 1698
Delta R.T. -0.01 min
Lab File: BP000999.D
Acq: 07 Nov 2019 12:07

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	97.8	76.3	114.5	
97	51.1	39.1	58.7	
132	26.7	20.6	30.8	





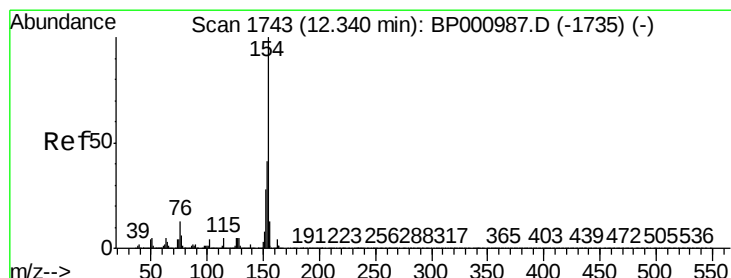
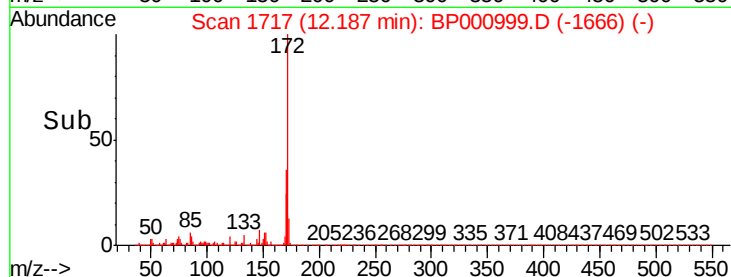
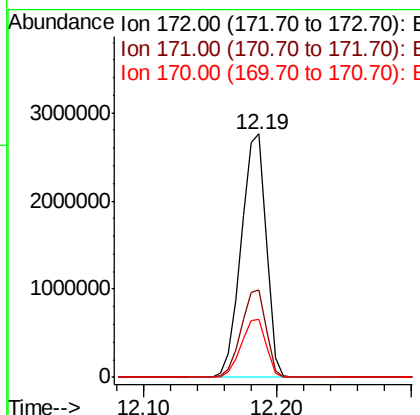
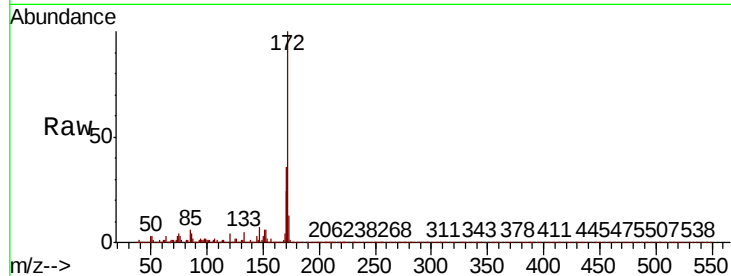
#45
2-Fluorobiphenyl
Concen: 97.762 ng
RT: 12.19 min Scan# 1717
Delta R.T. -0.00 min
Lab File: BP000999.D
Acq: 07 Nov 2019 12:07

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2019

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.5	42.7
170	23.9	18.9	28.3

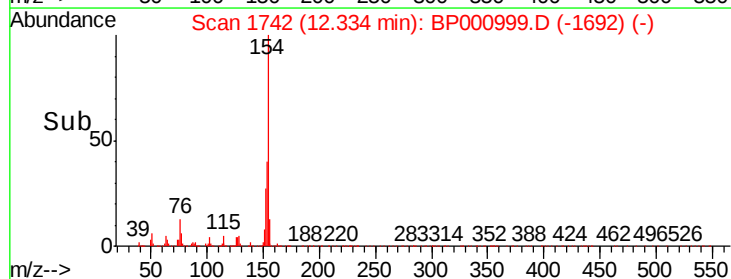
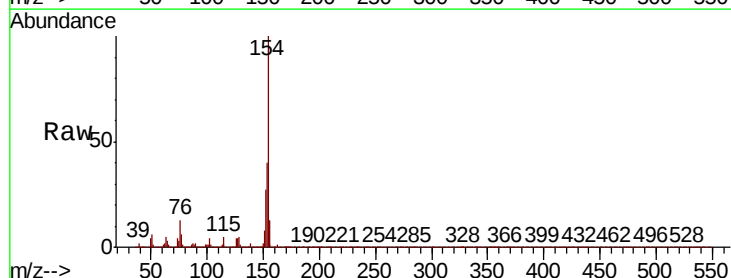
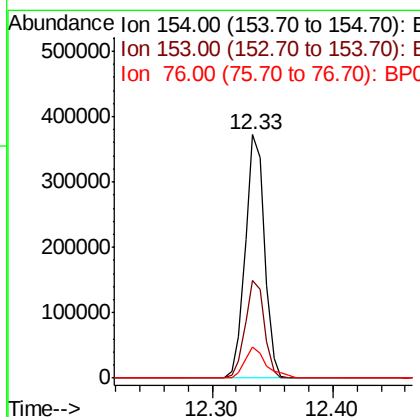
Manual Integrations
APPROVED

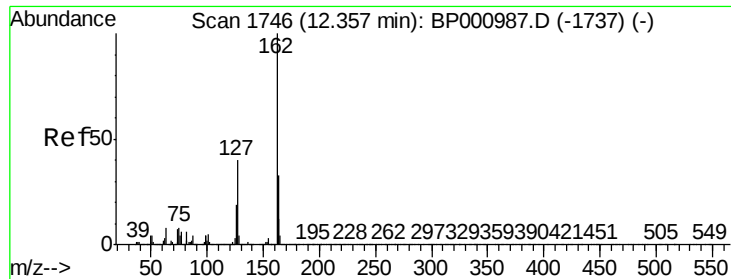
Sohil
11/8/2019 3:33:47 PM



#46
1,1'-Biphenyl
Concen: 10.142 ng
RT: 12.33 min Scan# 1742
Delta R.T. -0.01 min
Lab File: BP000999.D
Acq: 07 Nov 2019 12:07

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.0	20.9	60.9
76	12.6	0.0	32.5





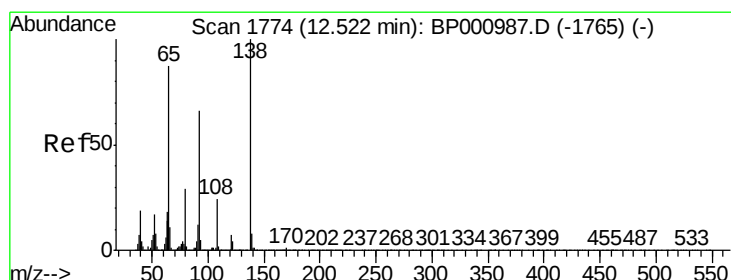
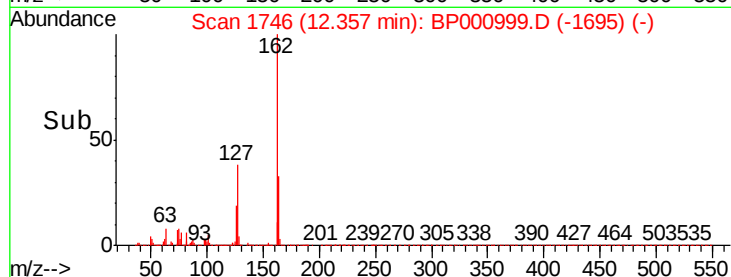
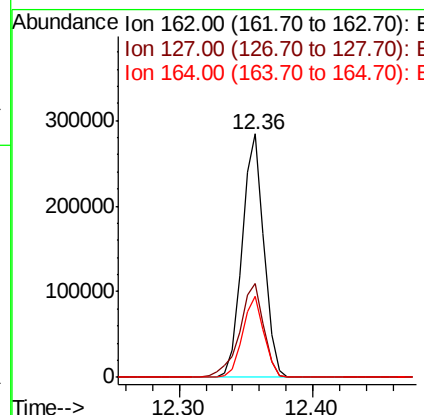
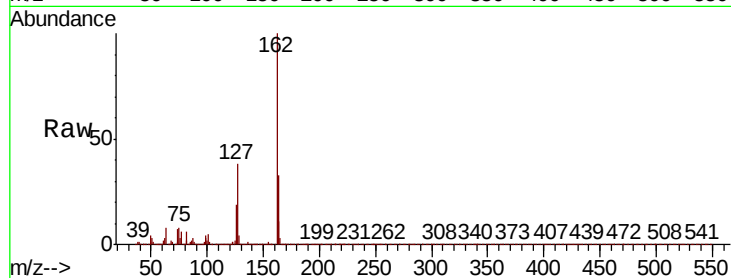
#47
2-Chloronaphthalene
Concen: 9.745 ng
RT: 12.36 min Scan# 1746
Delta R.T. -0.00 min
Lab File: BP000999.D
Acq: 07 Nov 2019 12:07

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2019

Tot Ion	Ratio	Resp Lower	Upper
162	100		
127	38.3	32.1	48.1
164	33.4	26.1	39.1

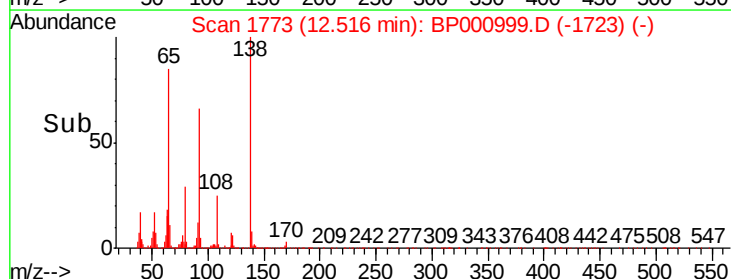
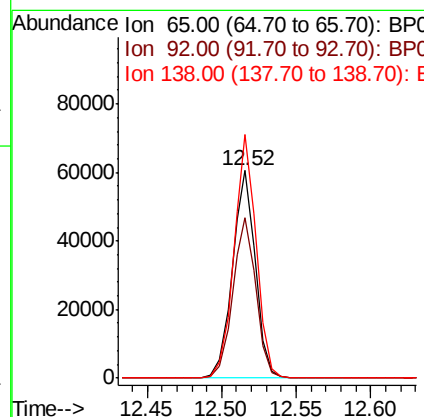
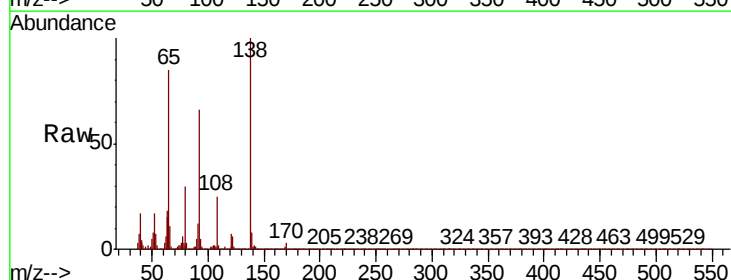
Manual Integrations
APPROVED

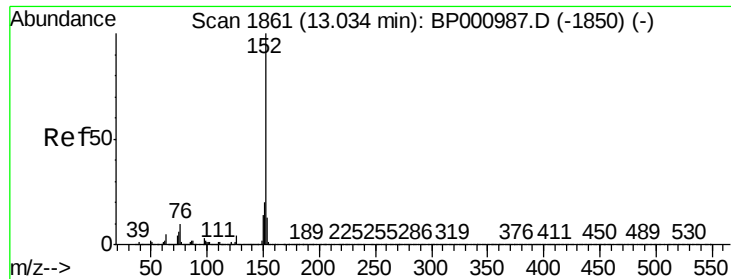
Sohil
11/8/2019 3:33:47 PM



#48
2-Nitroaniline
Concen: 7.640 ng
RT: 12.52 min Scan# 1773
Delta R.T. -0.01 min
Lab File: BP000999.D
Acq: 07 Nov 2019 12:07

Tgt Ion	Ratio	Resp Lower	Upper
65	100		
92	77.3	61.4	92.2
138	117.3	92.5	138.7





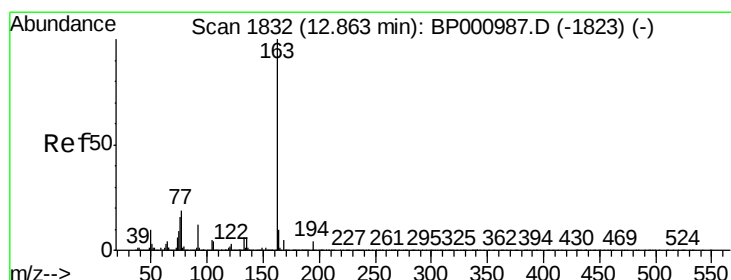
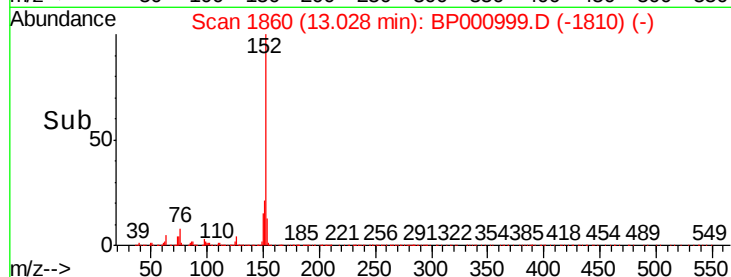
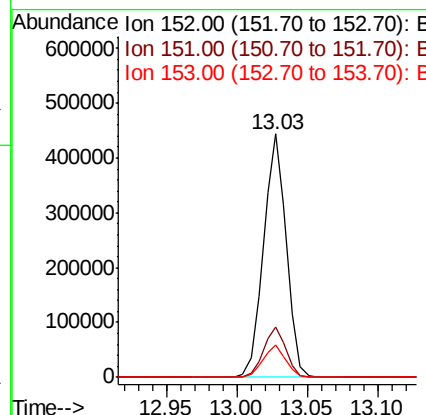
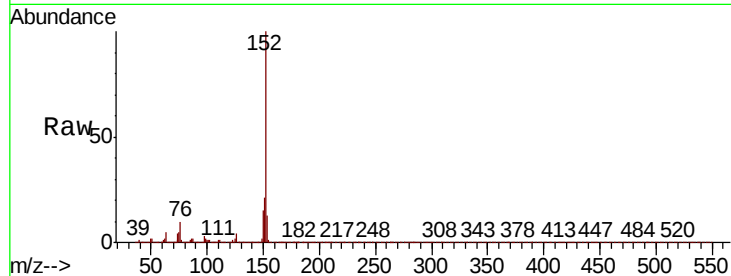
#49
Acenaphthylene
Concen: 10.096 ng
RT: 13.03 min Scan# 1860
Delta R.T. -0.01 min
Lab File: BP000999.D
Acq: 07 Nov 2019 12:07

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2019

Tot Ion	Ion	Ratio	Resp	Lower	Upper
152	100				
151	20.7	16.0	24.0		
153	13.2	10.6	16.0		

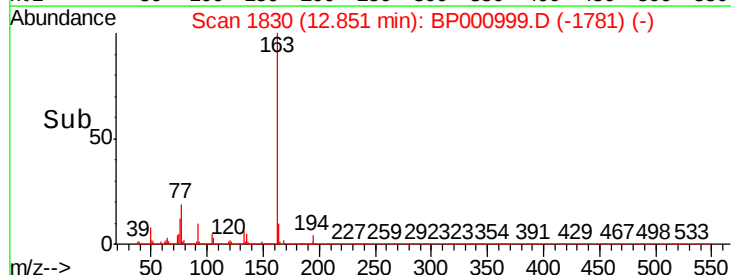
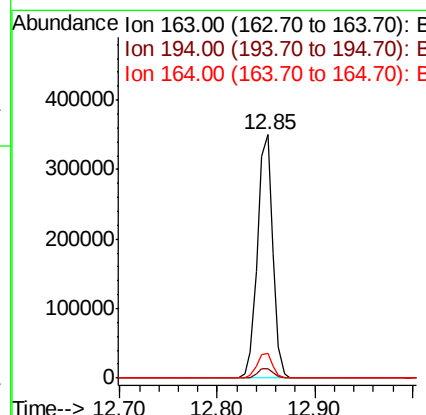
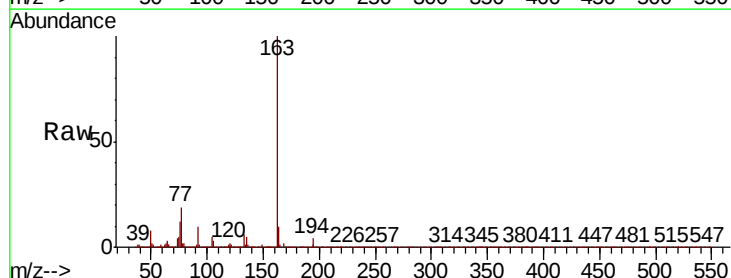
Manual Integrations
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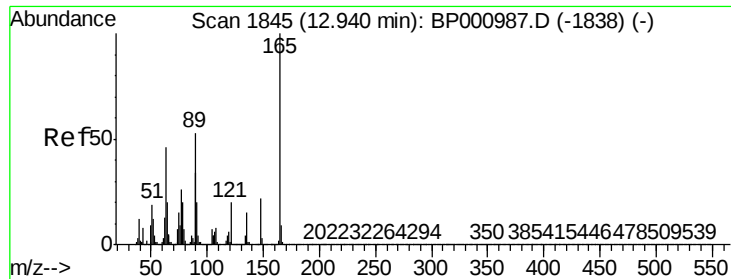
Sohil
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#50
Dimethylphthalate
Concen: 9.618 ng
RT: 12.85 min Scan# 1830
Delta R.T. -0.01 min
Lab File: BP000999.D
Acq: 07 Nov 2019 12:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
163	100				
194	4.0	3.4	5.2		
164	9.9	7.9	11.9		





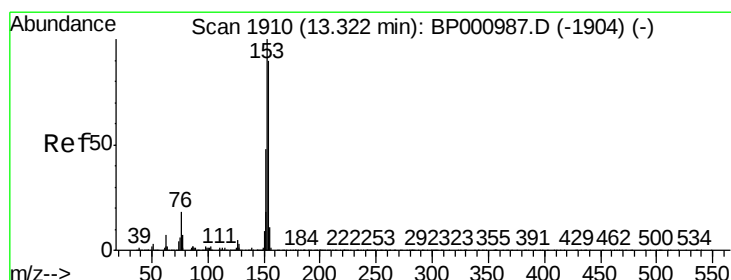
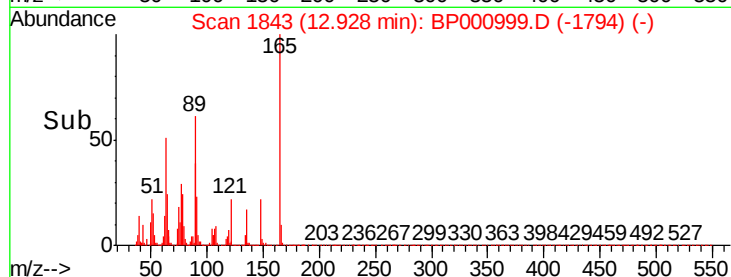
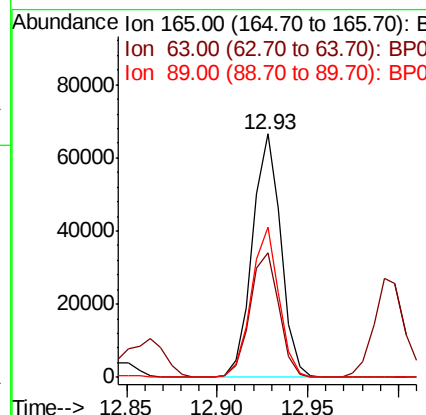
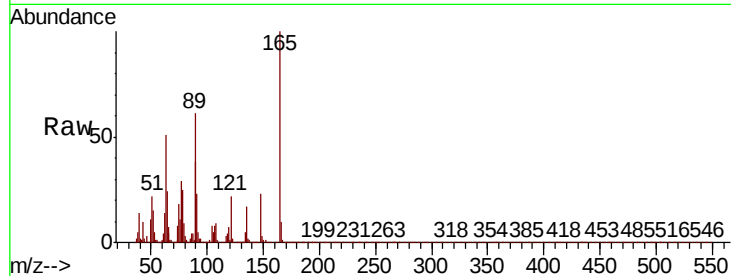
#51
2,6-Dinitrotoluene
Concen: 8.599 ng
RT: 12.93 min Scan# 1843
Delta R.T. -0.01 min
Lab File: BP000999.D
Acq: 07 Nov 2019 12:07

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2019

Tot Ion	Ratio	Lower	Upper
165	100		
63	50.9	36.7	55.1
89	61.5	42.3	63.5

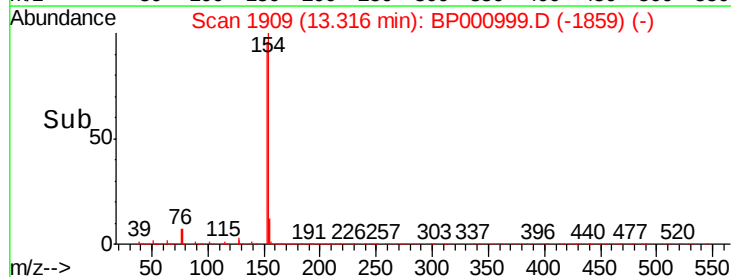
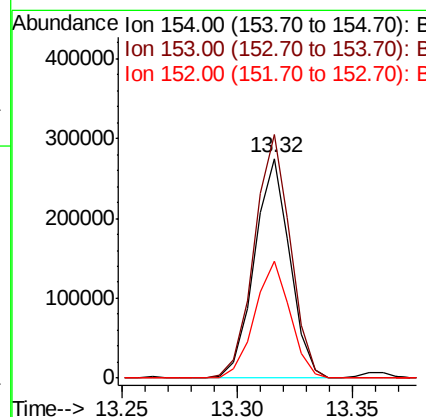
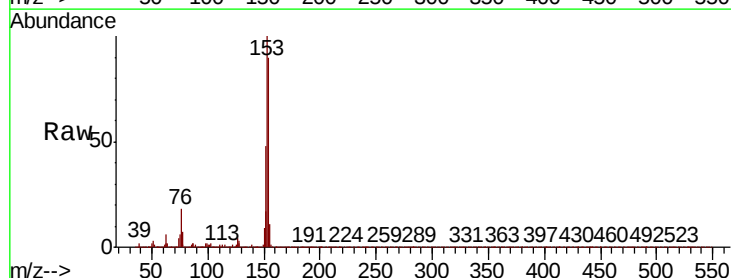
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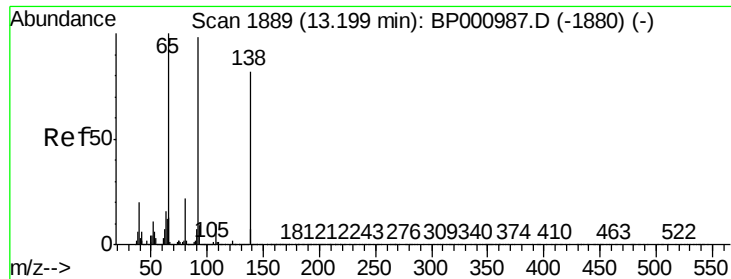
Sohil
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#52
Acenaphthene
Concen: 9.850 ng
RT: 13.32 min Scan# 1909
Delta R.T. -0.01 min
Lab File: BP000999.D
Acq: 07 Nov 2019 12:07

Tgt Ion	Ratio	Lower	Upper
154	100		
153	110.9	88.9	133.3
152	53.2	42.4	63.6





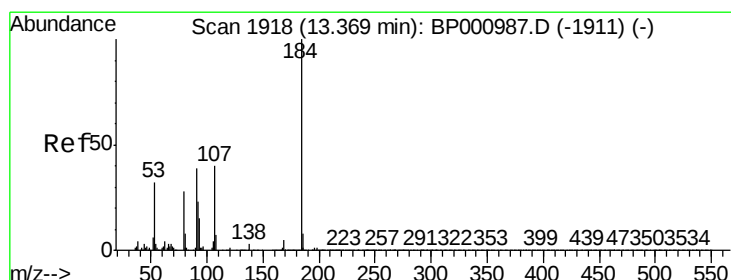
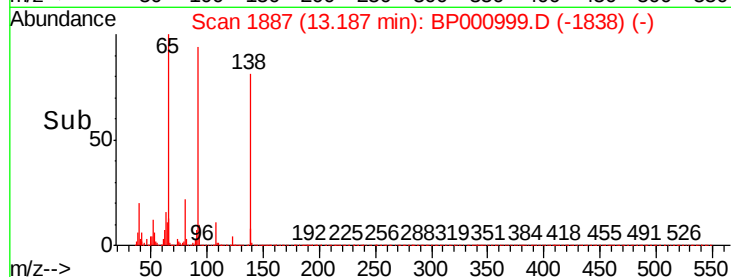
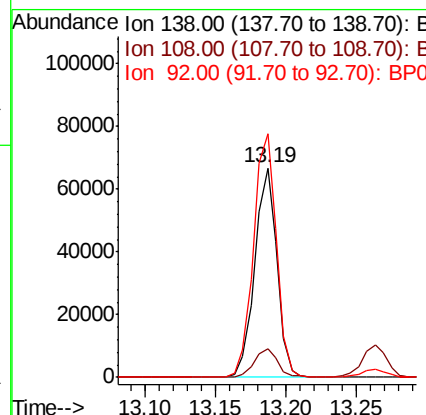
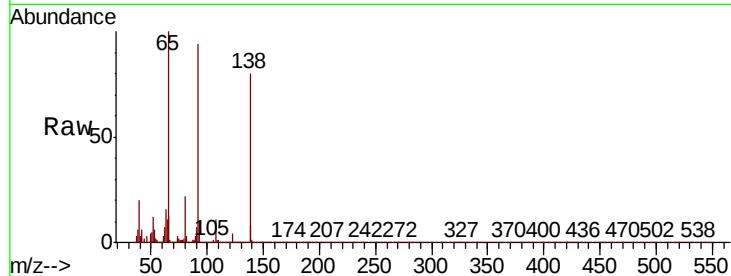
#53
3-Nitroaniline
Concen: 8.052 ng
RT: 13.19 min Scan# 1887
Delta R.T. -0.01 min
Lab File: BP000999.D
Acq: 07 Nov 2019 12:07

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2019

Tot Ion	Ratio	Lower	Upper
138	100		
108	13.7	10.1	15.1
92	116.5	95.4	143.0

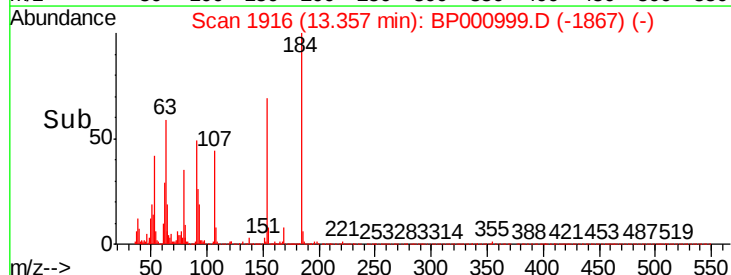
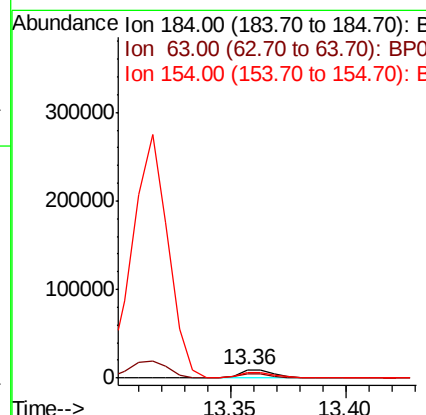
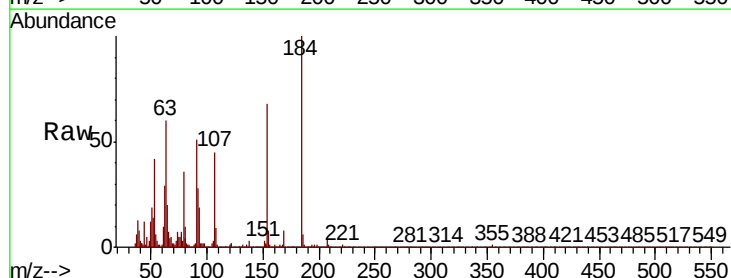
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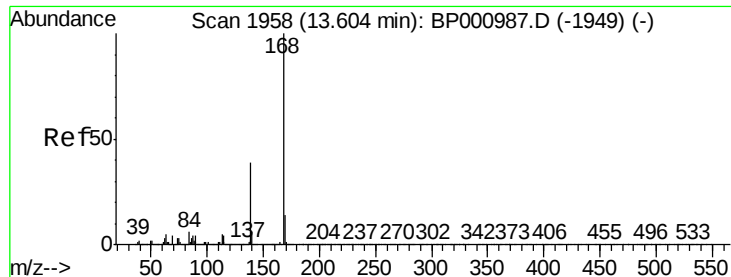
Sohil
11/8/2019 3:33:47 PM



#54
2,4-Dinitrophenol
Concen: 4.989 ng
RT: 13.36 min Scan# 1916
Delta R.T. -0.01 min
Lab File: BP000999.D
Acq: 07 Nov 2019 12:07

Tgt Ion	Ratio	Lower	Upper
184	100		
63	60.0	41.0	61.6
154	68.4	48.1	72.1





#55

Dibenzenofuran

Concen: 10.312 ng

RT: 13.60 min Scan# 1957

Delta R.T. -0.01 min

Lab File: BP000999.D

Acq: 07 Nov 2019 12:07

Instrument :

BNA_P

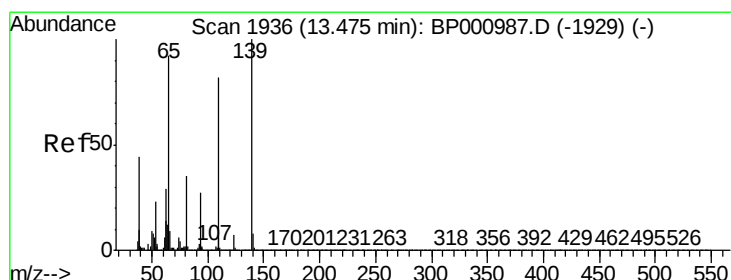
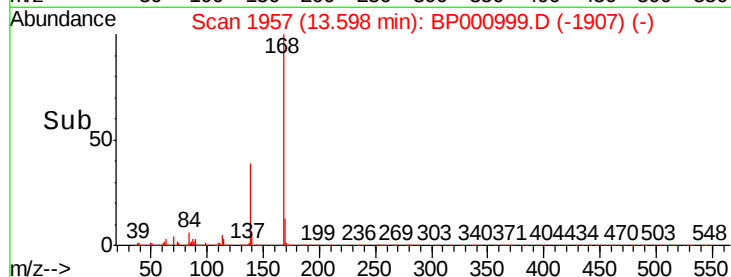
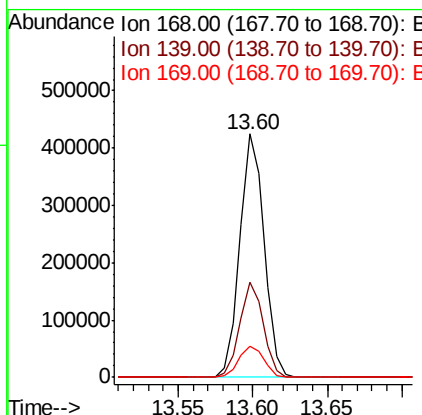
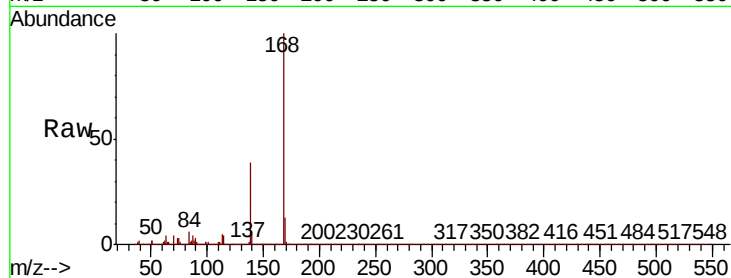
ClientSampleId :

LOQ-SOIL-02-QT4-2019

Tot Ion:	168	Resp:	480510
Ion Ratio	Lower	Upper	
168	100		
139	39.0	30.9	46.3
169	12.8	10.9	16.3

Manual Integrations
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11/8/2019 3:33:47 PM



#56

4-Nitrophenol

Concen: 7.909 ng

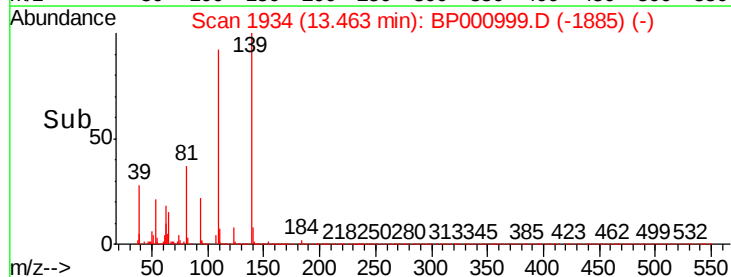
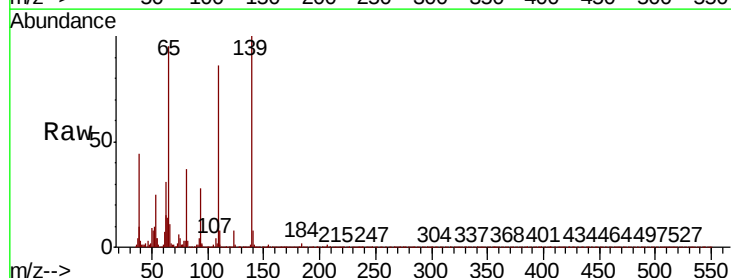
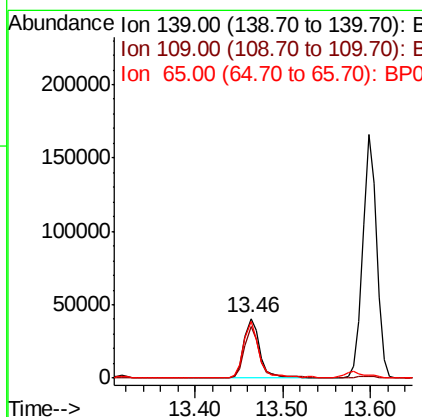
RT: 13.46 min Scan# 1934

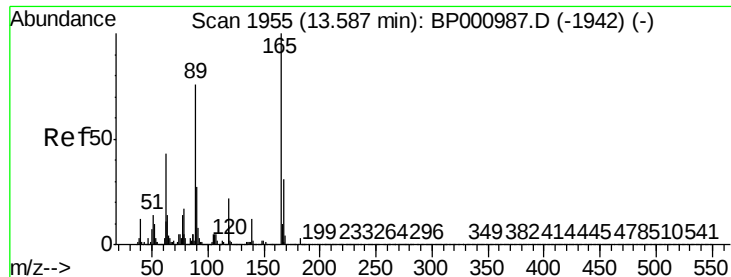
Delta R.T. -0.01 min

Lab File: BP000999.D

Acq: 07 Nov 2019 12:07

Tgt Ion:	139	Resp:	50436
Ion Ratio	Lower	Upper	
139	100		
109	86.1	61.6	101.6
65	95.3	72.0	112.0





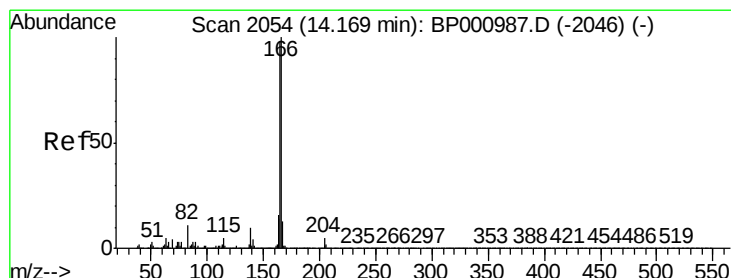
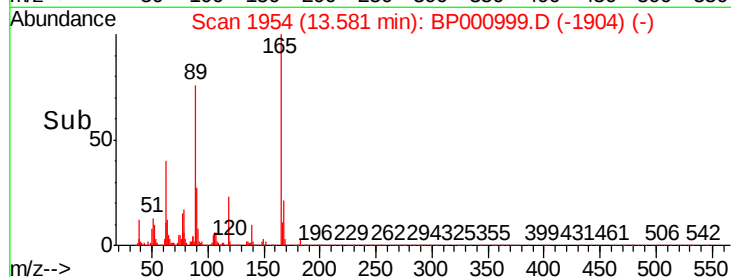
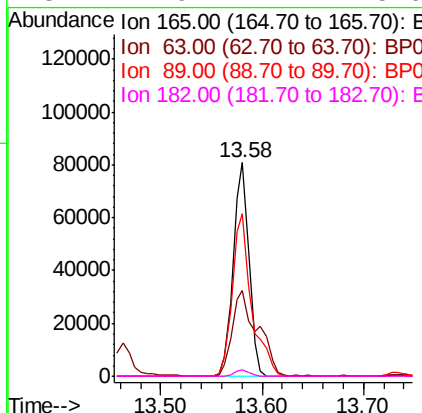
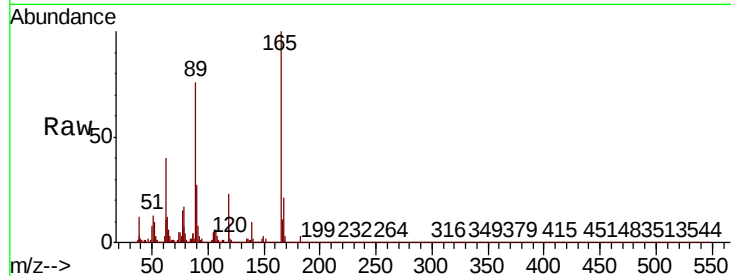
#57
2,4-Dinitrotoluene
Concen: 8.270 ng
RT: 13.58 min Scan# 1954
Delta R.T. -0.01 min
Lab File: BP000999.D
Acq: 07 Nov 2019 12:07

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2019

Tot Ion:	165	Resp:	87332
Ion Ratio	Lower	Upper	
165	100		
63	40.2	34.3	51.5
89	76.0	60.5	90.7
182	2.9	2.4	3.6

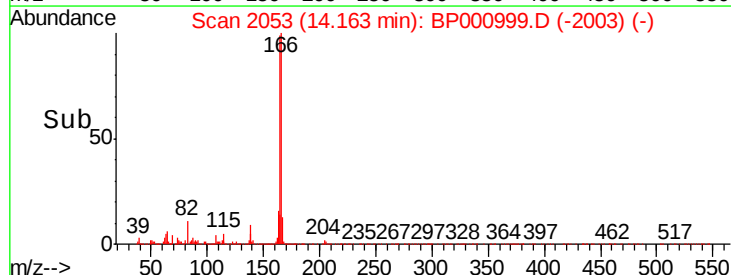
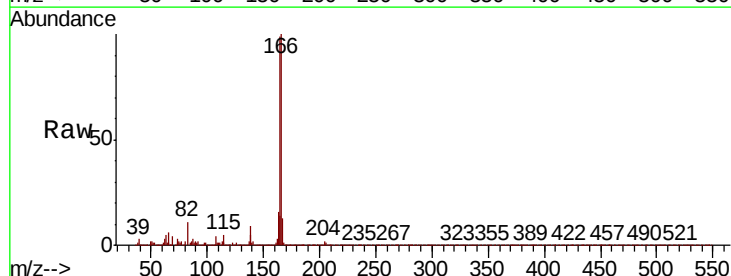
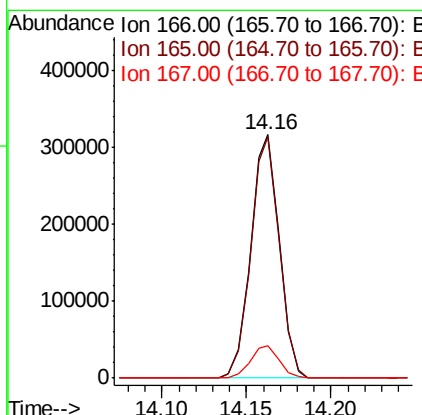
Manual Integrations
APPROVED

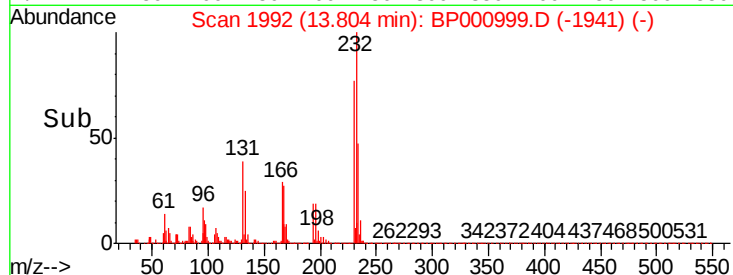
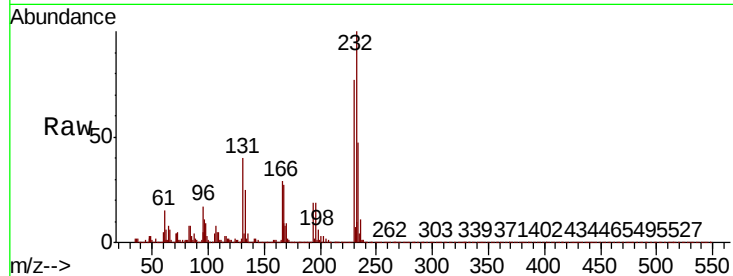
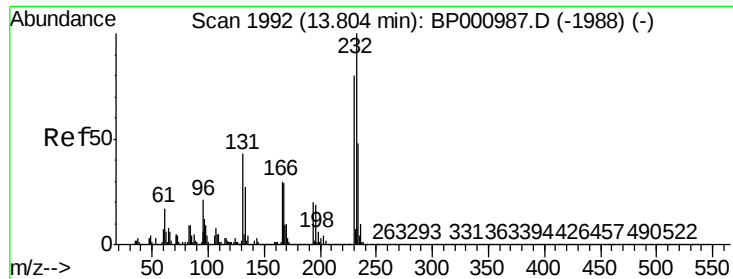
Sohil
11/8/2019 3:33:47 PM



#58
Fluorene
Concen: 10.076 ng
RT: 14.16 min Scan# 2053
Delta R.T. -0.01 min
Lab File: BP000999.D
Acq: 07 Nov 2019 12:07

Tgt Ion:	166	Resp:	373647
Ion Ratio	Lower	Upper	
166	100		
165	99.1	78.2	117.2
167	13.2	10.7	16.1





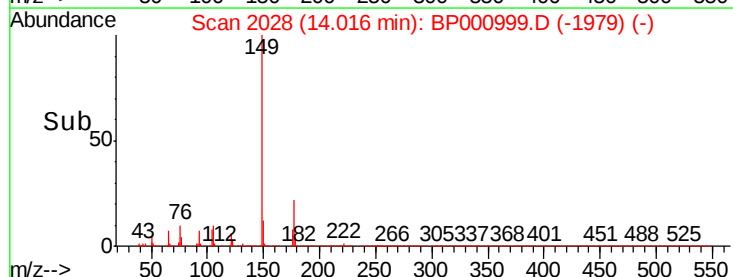
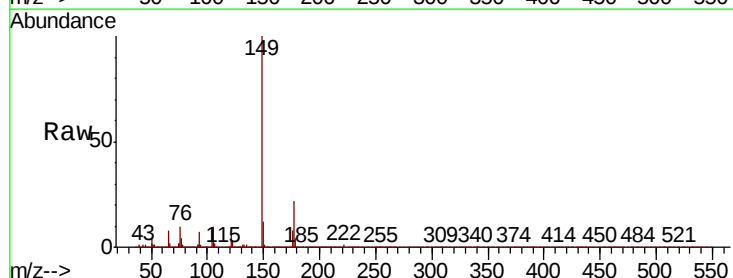
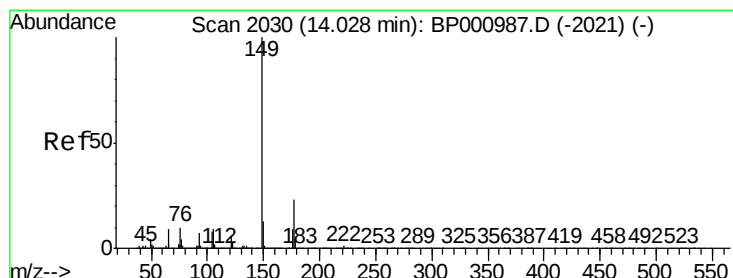
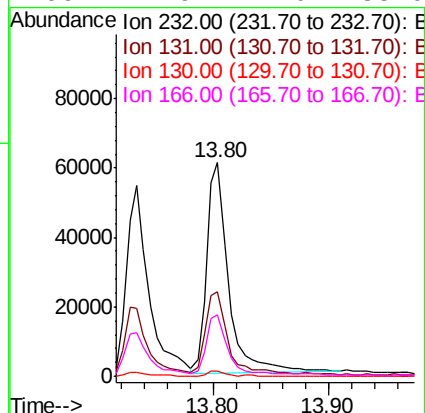
#59
2,3,4,6-Tetrachlorophenol
Concen: 8.038 ng
RT: 13.80 min Scan# 1992
Delta R.T. -0.00 min
Lab File: BP000999.D
Acq: 07 Nov 2019 12:07

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2019

Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		79964		
131	43.2	32.2	48.2		
130	2.4	1.7	2.5		
166	27.6	22.0	33.0		

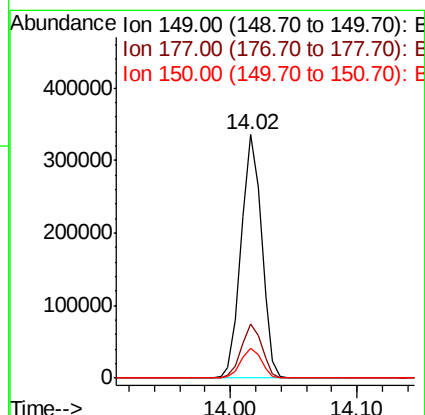
Manual Integrations
APPROVED

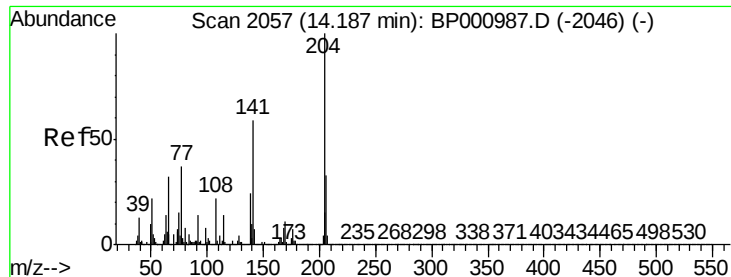
Sohil
11/8/2019 3:33:47 PM



#60
Diethylphthalate
Concen: 9.238 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BP000999.D
Acq: 07 Nov 2019 12:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		373974		
177	22.3	18.5	27.7		
150	12.1	10.2	15.2		





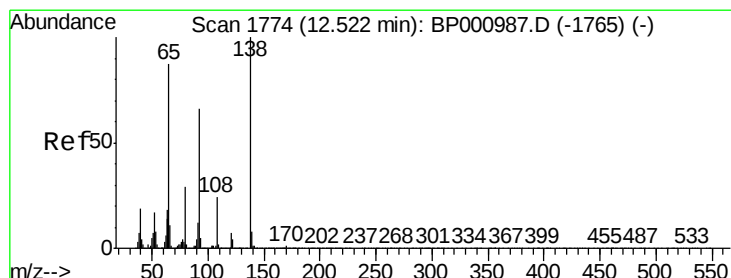
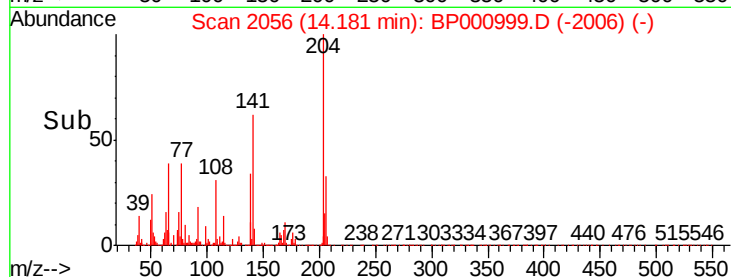
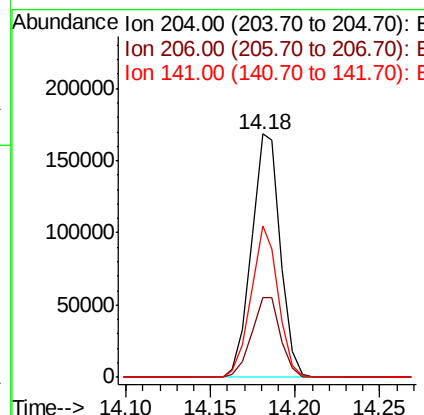
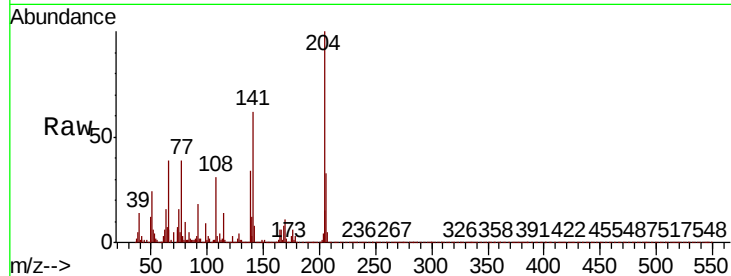
#61
4-Chlorophenyl-phenylether
Concen: 10.204 ng
RT: 14.18 min Scan# 2056
Delta R.T. -0.01 min
Lab File: BP000999.D
Acq: 07 Nov 2019 12:07

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2019

Tot Ion	Ratio	Resp	Lower	Upper
204	100	200073		
206	32.9	26.5	39.7	
141	62.2	46.9	70.3	

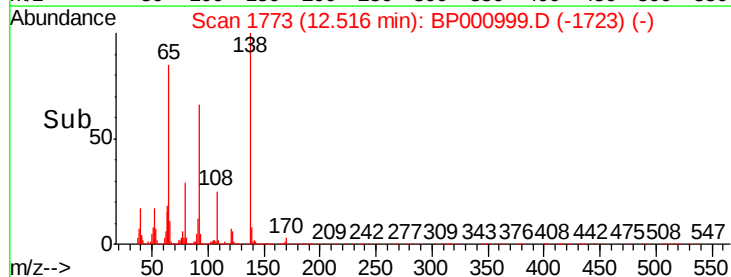
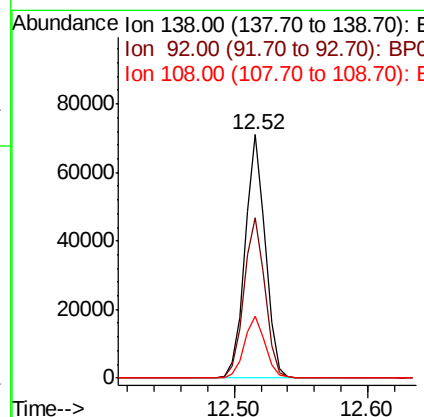
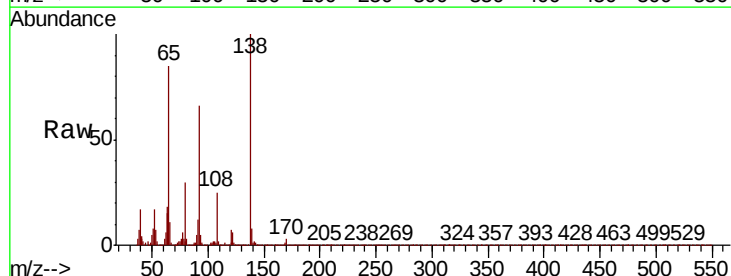
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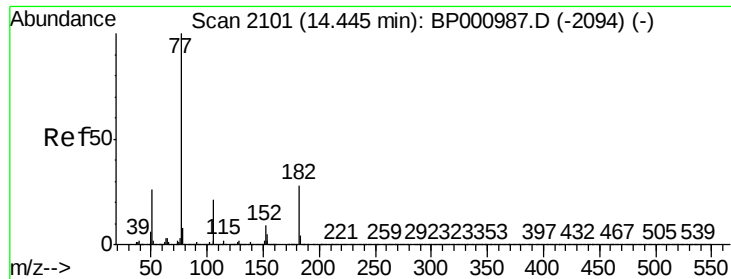
Sohil
11/8/2019 3:33:47 PM



#62
4-Nitroaniline
Concen: 7.555 ng
RT: 12.52 min Scan# 1773
Delta R.T. -0.01 min
Lab File: BP000999.D
Acq: 07 Nov 2019 12:07

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	74276		
92	65.9	46.4	86.4	
108	25.4	3.9	43.9	





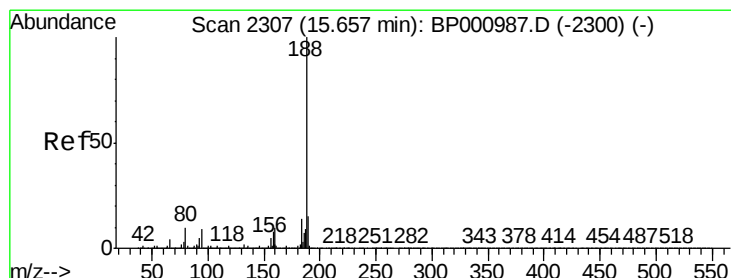
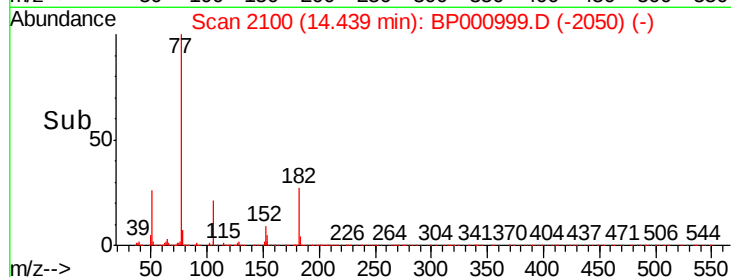
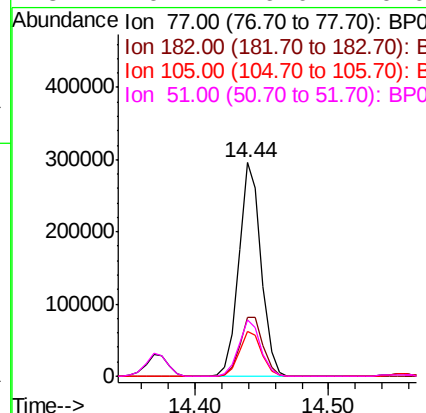
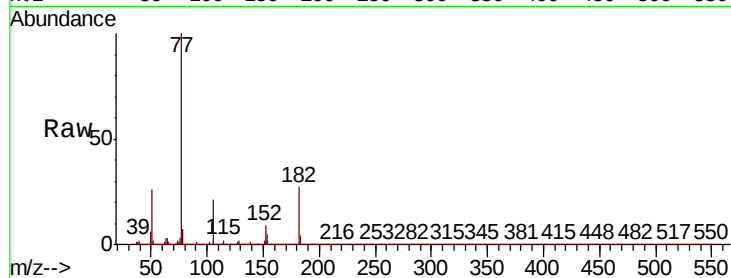
#63
Azobenzene
Concen: 9.639 ng
RT: 14.44 min Scan# 2100
Delta R.T. -0.01 min
Lab File: BP000999.D
Acq: 07 Nov 2019 12:07

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2019

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	27.3	8.4	48.4		
105	20.8	1.0	41.0		
51	26.2	6.0	46.0		

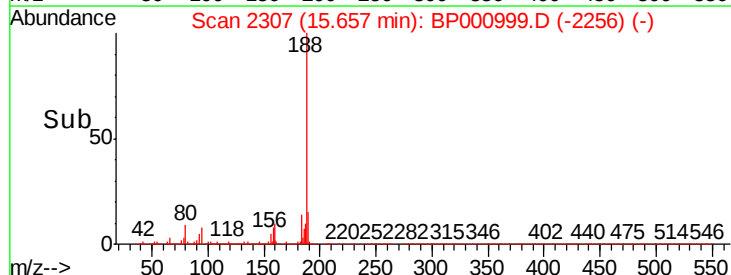
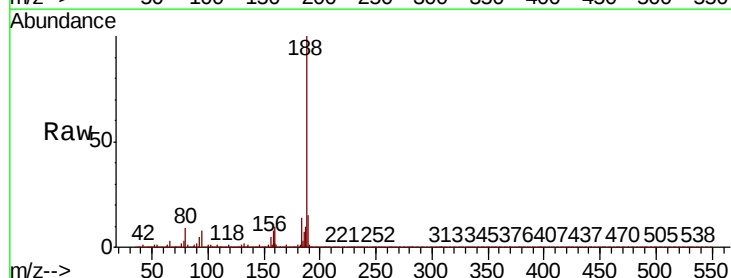
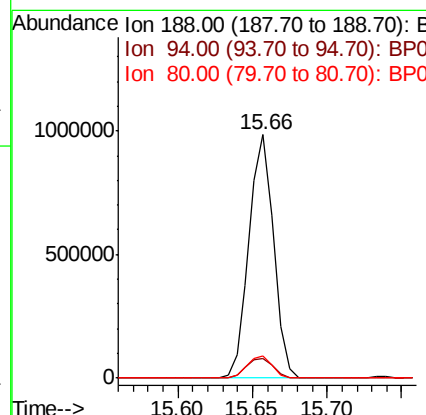
Manual Integrations
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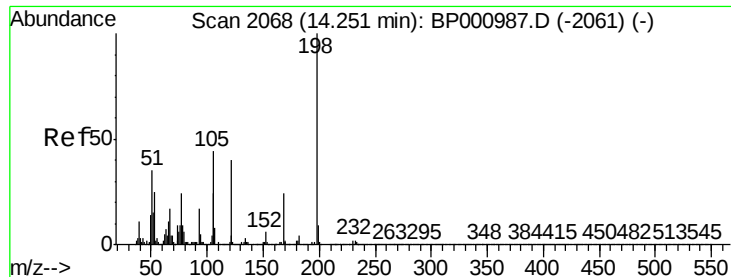
Sohil
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 15.66 min Scan# 2307
Delta R.T. -0.00 min
Lab File: BP000999.D
Acq: 07 Nov 2019 12:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	8.3	7.4	11.2		
80	9.1	7.9	11.9		





#65

4,6-Dinitro-2-methylphenol

Concen: 6.493 ng

RT: 14.25 min Scan# 2067

Delta R.T. -0.01 min

Lab File: BP000999.D

Acq: 07 Nov 2019 12:07

Instrument :

BNA_P

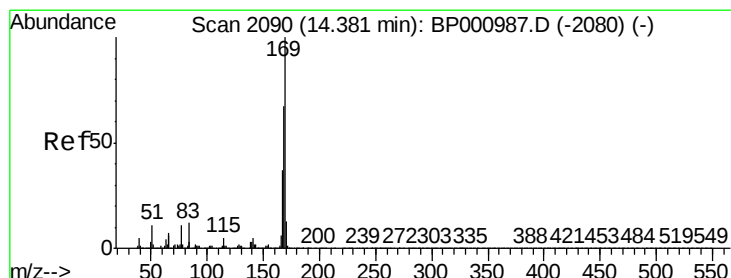
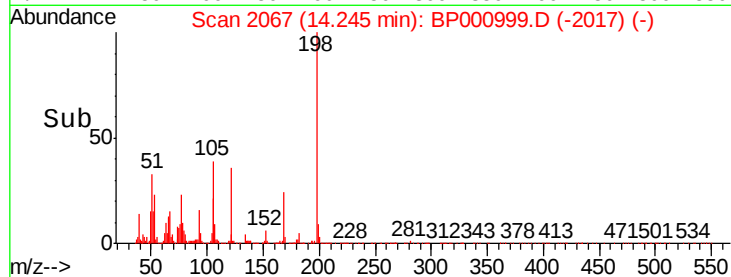
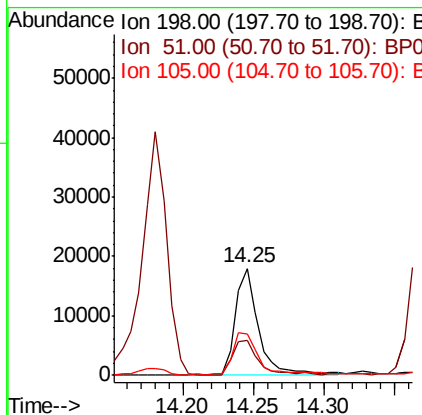
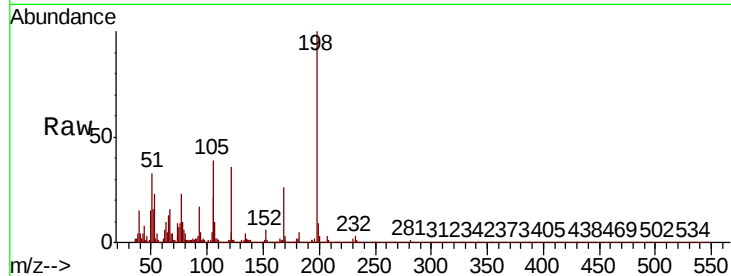
ClientSampleId :

LOQ-SOIL-02-QT4-2019

Tot Ion:	198	Resp:	20601
Ion Ratio	Lower	Upper	
198	100		
51	33.0	16.0	56.0
105	39.4	24.9	64.9

Manual Integrations
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#66

n-Nitrosodiphenylamine

Concen: 10.087 ng

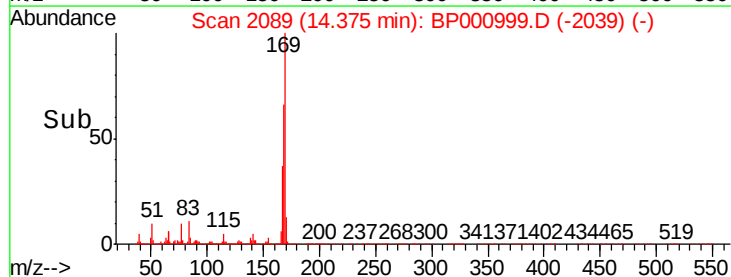
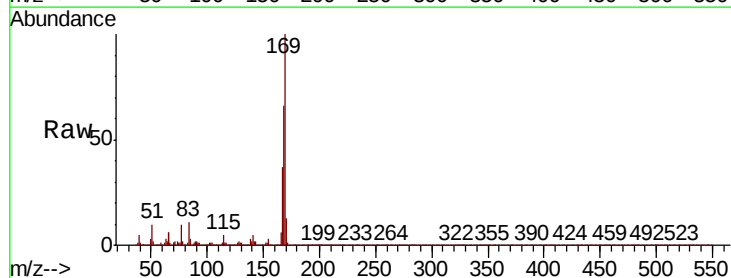
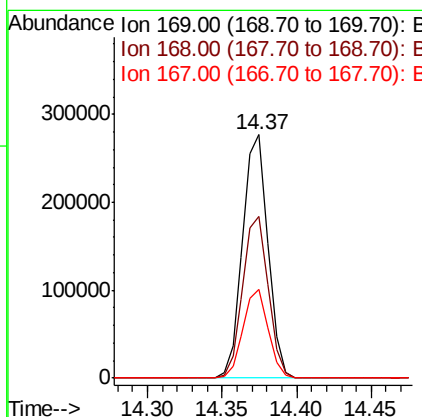
RT: 14.37 min Scan# 2089

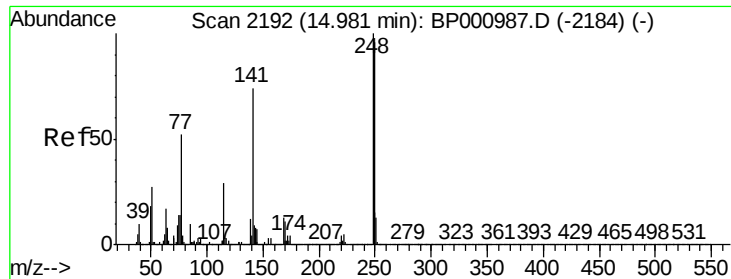
Delta R.T. -0.01 min

Lab File: BP000999.D

Acq: 07 Nov 2019 12:07

Tgt Ion:	169	Resp:	326138
Ion Ratio	Lower	Upper	
169	100		
168	66.3	53.3	79.9
167	36.6	29.4	44.2





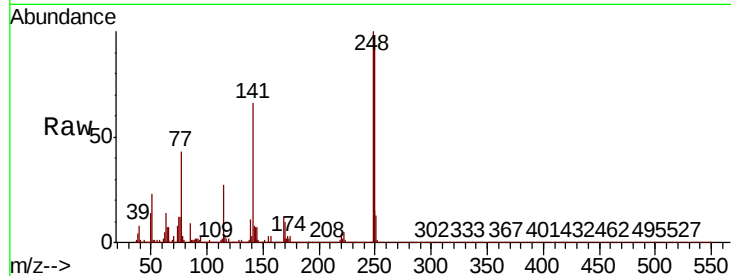
#67
4-Bromophenyl-phenylether
Concen: 9.500 ng
RT: 14.98 min Scan# 2192
Delta R.T. -0.00 min
Lab File: BP000999.D
Acq: 07 Nov 2019 12:07

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2019

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.7	77.0	115.6
141	65.7	59.4	89.0

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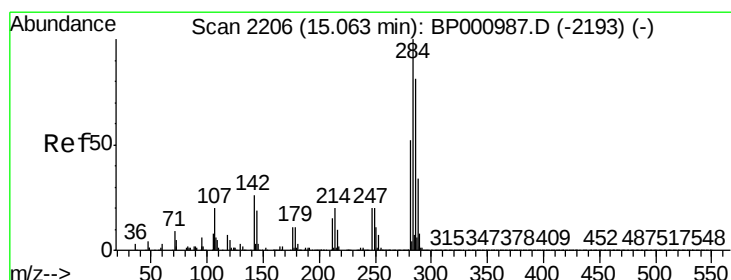
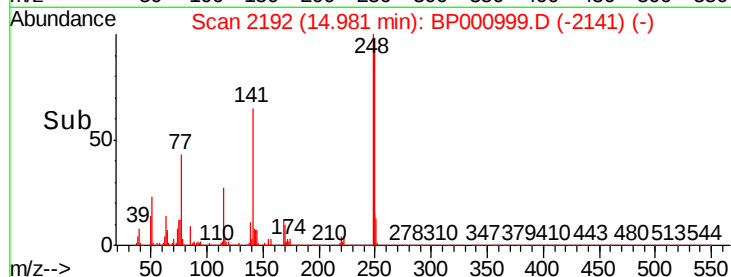
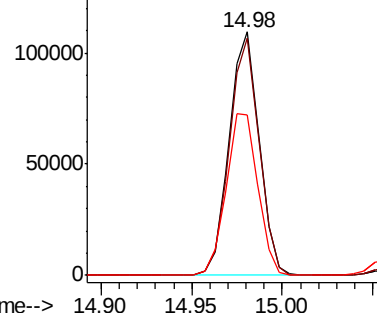


Abundance

Ion 248.00 (247.70 to 248.70): E

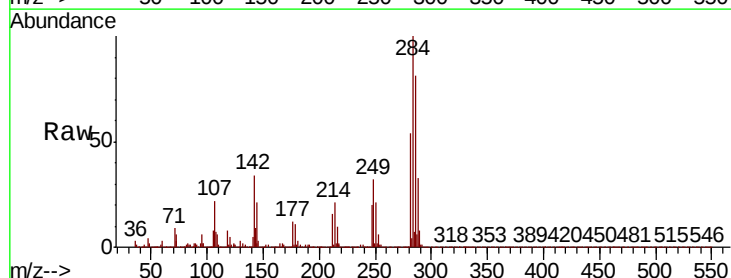
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 9.400 ng
RT: 15.06 min Scan# 2205
Delta R.T. -0.01 min
Lab File: BP000999.D
Acq: 07 Nov 2019 12:07

Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.2	25.8	38.8
249	32.2	25.4	38.0

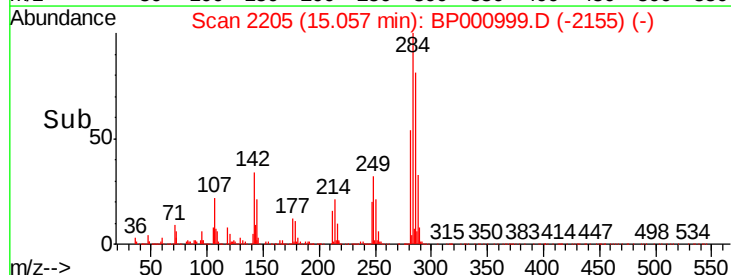
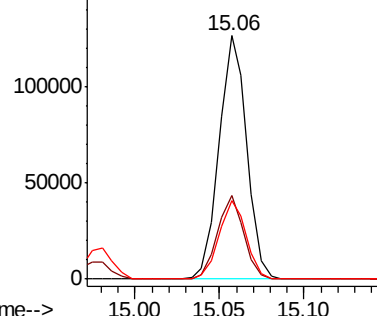


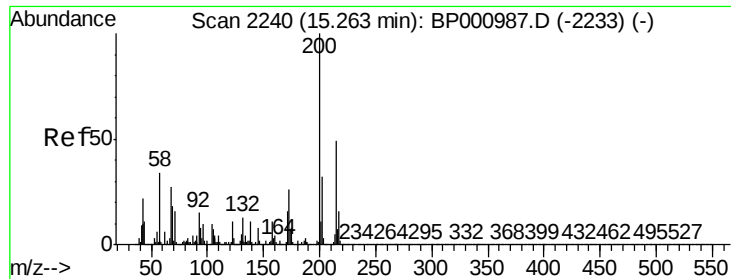
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





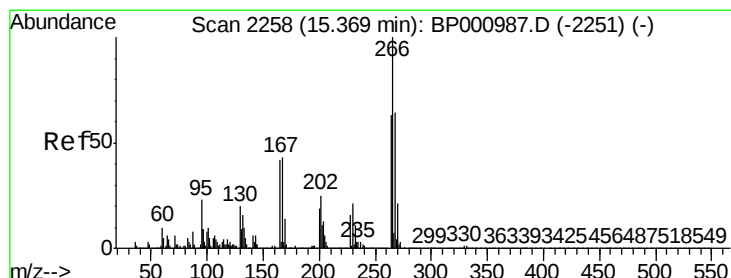
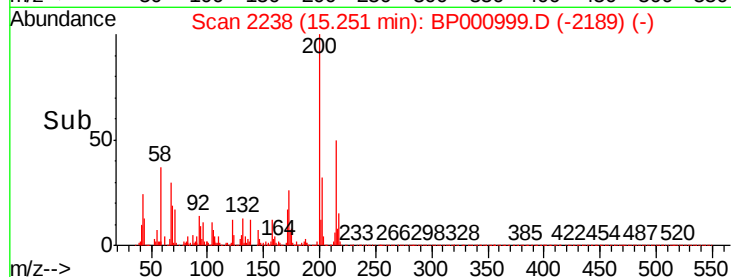
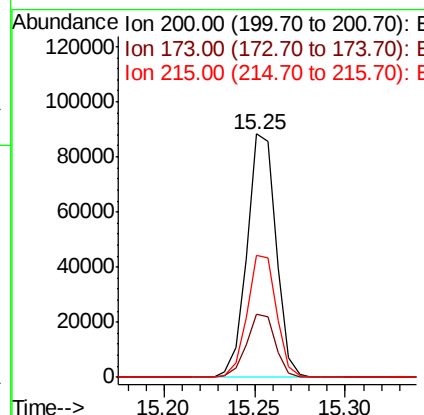
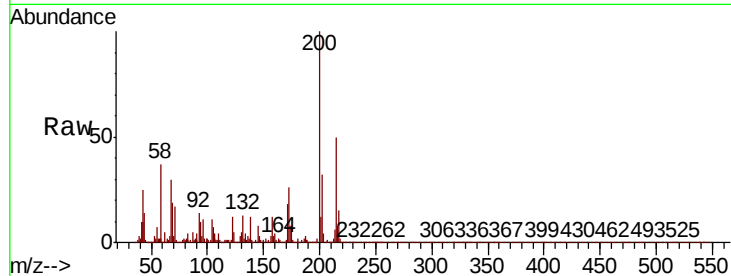
#69
Atrazine
Concen: 8.366 ng
RT: 15.25 min Scan# 2238
Delta R.T. -0.01 min
Lab File: BP000999.D
Acq: 07 Nov 2019 12:07

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2019

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.0	5.8	45.8
215	50.3	28.6	68.6

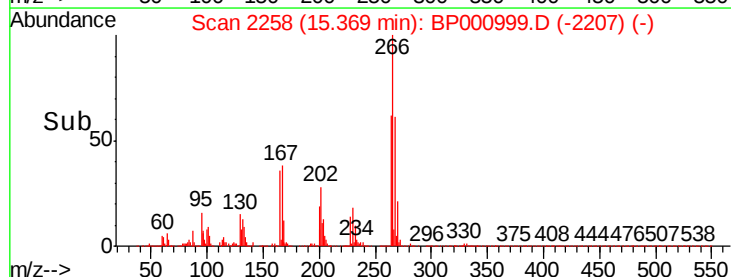
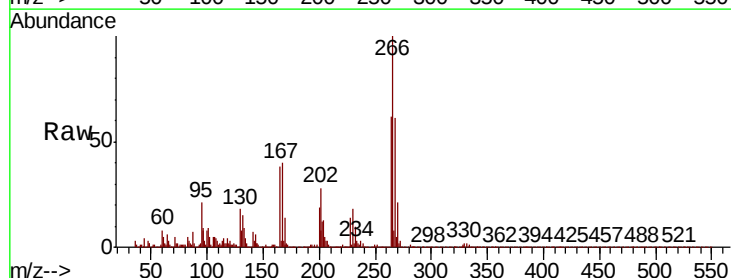
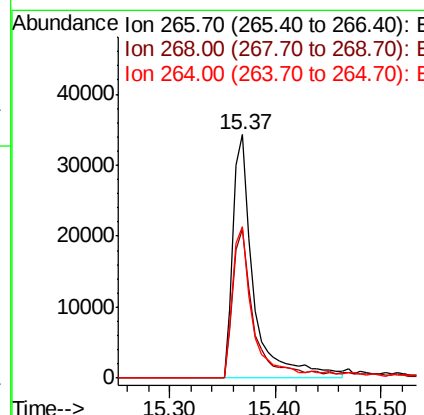
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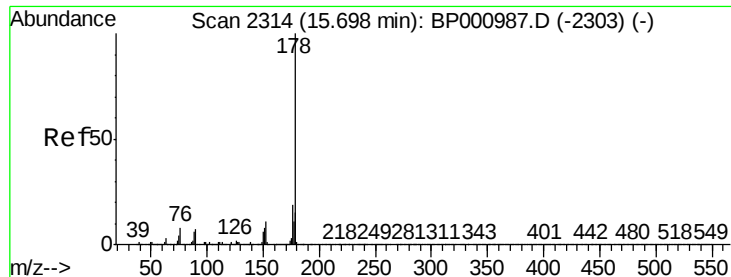
Sohil
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#70
Pentachlorophenol
Concen: 6.780 ng
RT: 15.37 min Scan# 2258
Delta R.T. -0.00 min
Lab File: BP000999.D
Acq: 07 Nov 2019 12:07

Tgt Ion	Ratio	Lower	Upper
266	100		
268	61.4	50.9	76.3
264	62.2	50.6	76.0





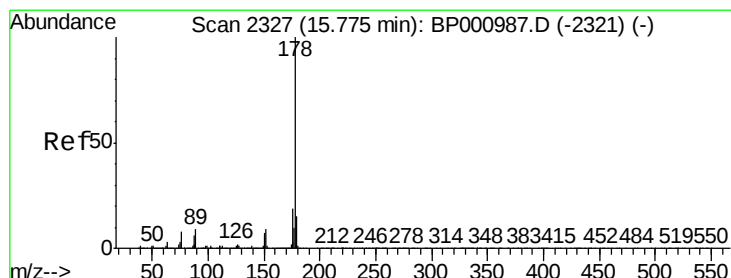
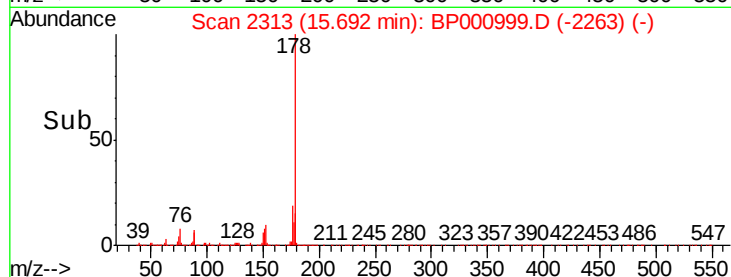
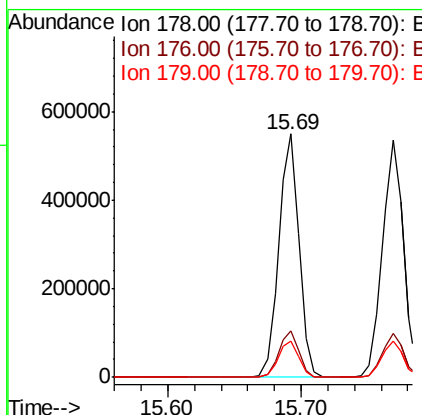
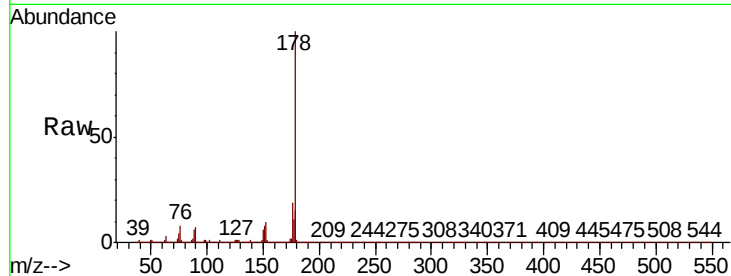
#71
Phenanthrene
Concen: 10.173 ng
RT: 15.69 min Scan# 2313
Delta R.T. -0.01 min
Lab File: BP000999.D
Acq: 07 Nov 2019 12:07

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2019

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.5	23.3
179	14.9	12.3	18.5

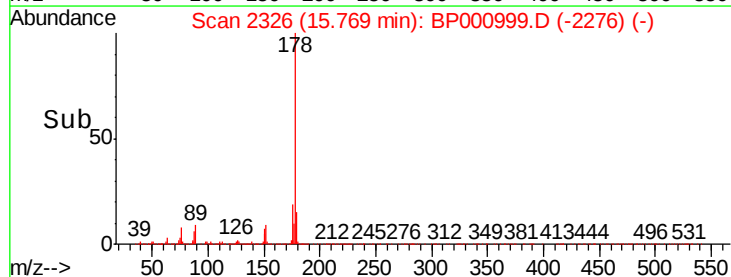
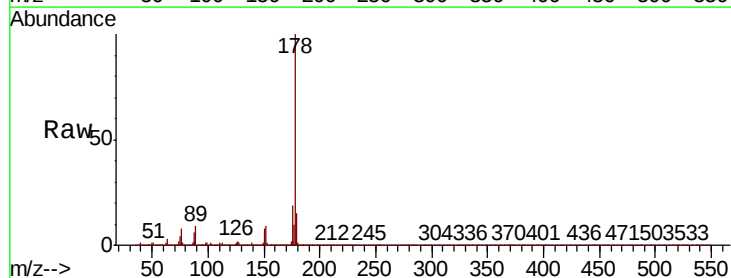
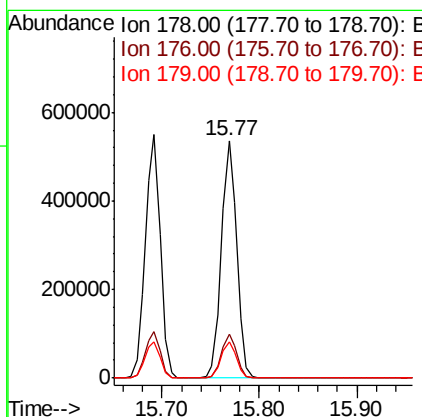
Manual Integrations
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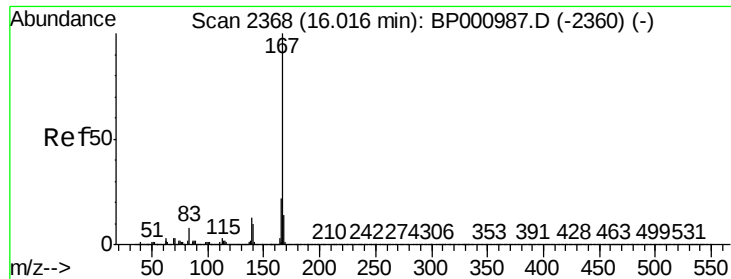
Sohil
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#72
Anthracene
Concen: 10.419 ng
RT: 15.77 min Scan# 2326
Delta R.T. -0.01 min
Lab File: BP000999.D
Acq: 07 Nov 2019 12:07

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.1	22.7
179	15.3	12.3	18.5





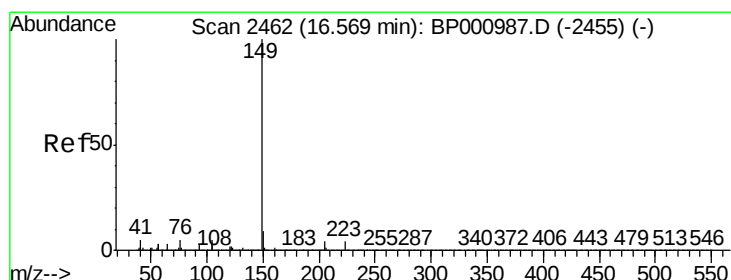
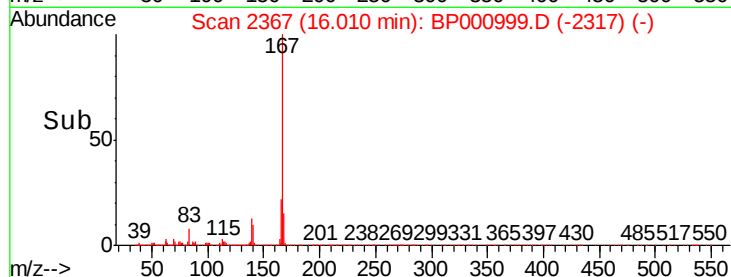
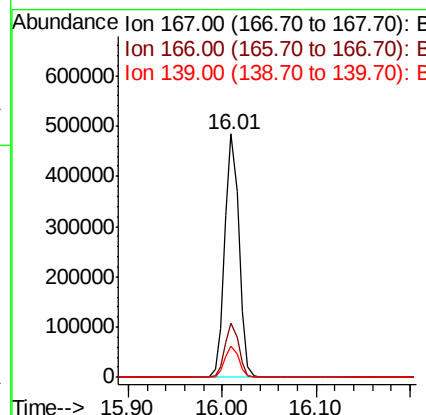
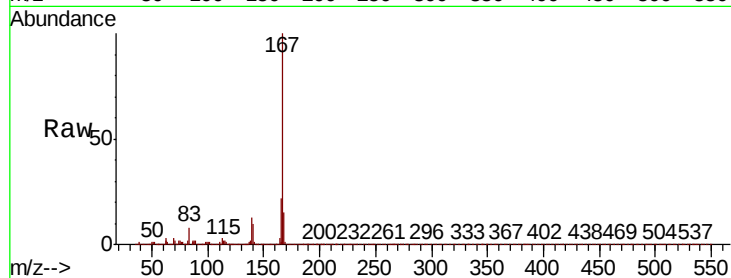
#73
 Carbazole
 Concen: 9.947 ng
 RT: 16.01 min Scan# 2367
 Delta R.T. -0.01 min
 Lab File: BP000999.D
 Acq: 07 Nov 2019 12:07

Instrument :
 BNA_P
 ClientSampleId :
 LOQ-SOIL-02-QT4-2019

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.3	17.6	26.4
139	13.0	10.6	15.8

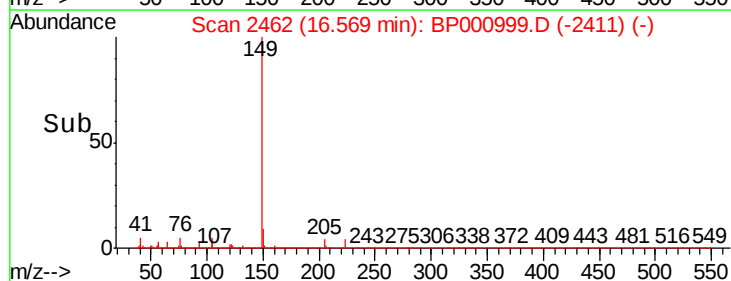
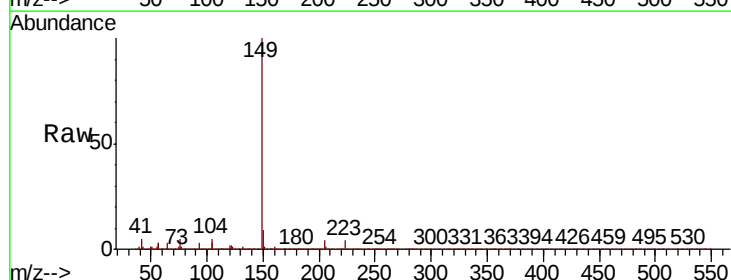
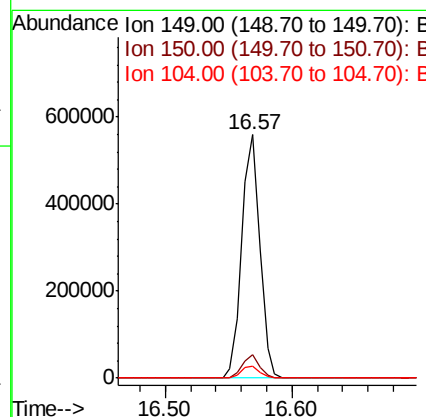
Manual Integrations
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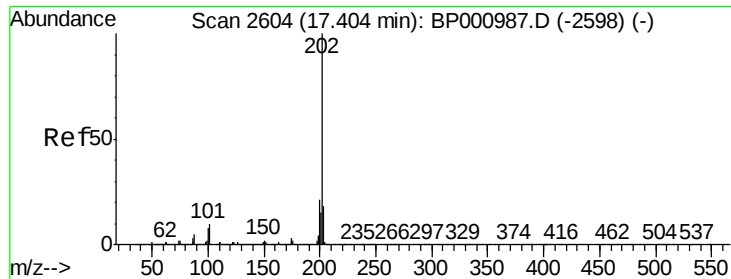
Sohil
 11/8/2019 3:33:47 PM



#74
 Di-n-butylphthalate
 Concen: 8.787 ng
 RT: 16.57 min Scan# 2462
 Delta R.T. -0.00 min
 Lab File: BP000999.D
 Acq: 07 Nov 2019 12:07

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.5	11.3
104	5.1	4.2	6.4





#75

Fluoranthene

Concen: 10.194 ng

RT: 17.40 min Scan# 2603

Delta R.T. -0.01 min

Lab File: BP000999.D

Acq: 07 Nov 2019 12:07

Instrument :

BNA_P

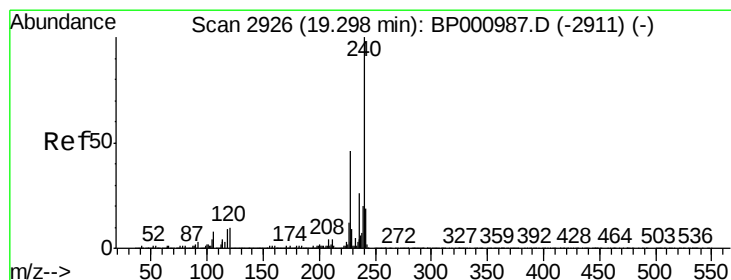
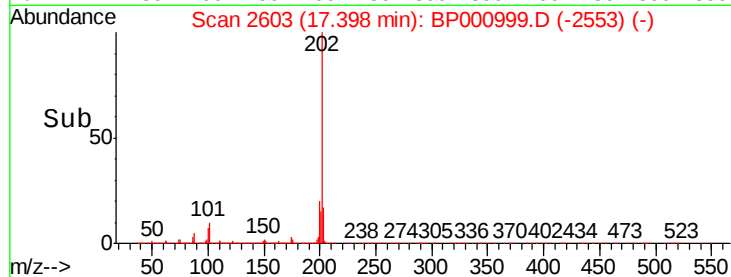
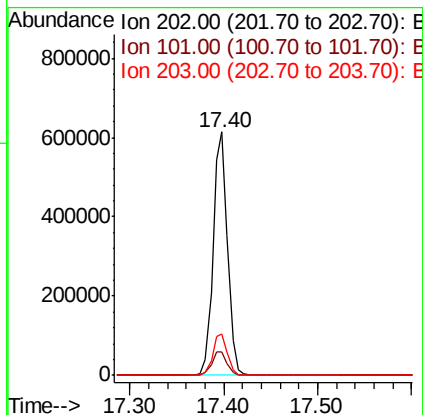
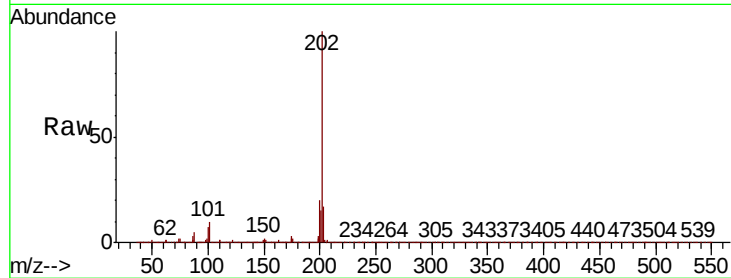
ClientSampleId :

LOQ-SOIL-02-QT4-2019

Tot Ion:	202	Resp:	663144
Ion Ratio		Lower	Upper
202	100		
101	9.9	0.0	30.1
203	16.9	0.0	37.7

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

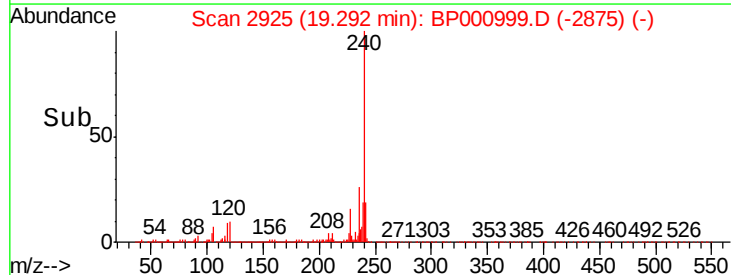
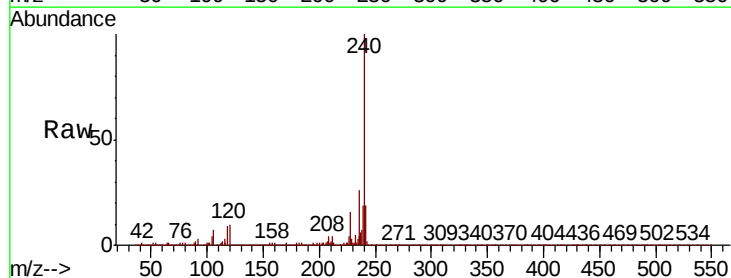
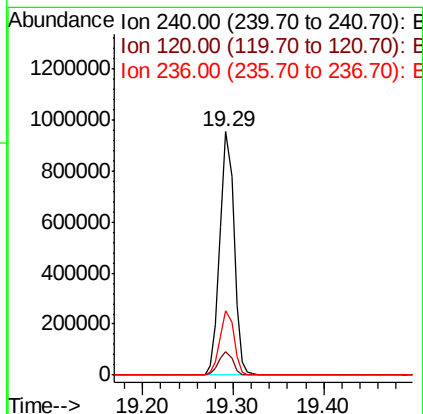
RT: 19.29 min Scan# 2925

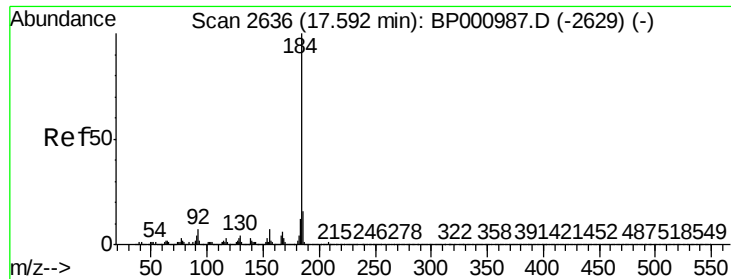
Delta R.T. -0.01 min

Lab File: BP000999.D

Acq: 07 Nov 2019 12:07

Tgt Ion:	240	Resp:	1026085
Ion Ratio		Lower	Upper
240	100		
120	9.7	8.2	12.2
236	26.3	20.5	30.7





#77

Benzidine

Concen: 7.888 ng

RT: 17.59 min Scan# 2635

Delta R.T. -0.01 min

Lab File: BP000999.D

Acq: 07 Nov 2019 12:07

Instrument :

BNA_P

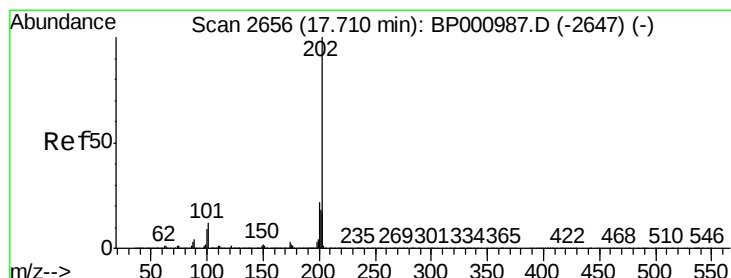
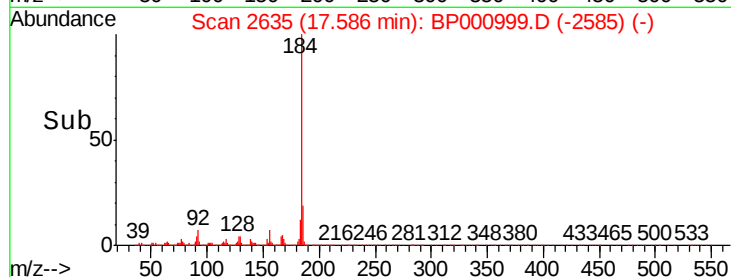
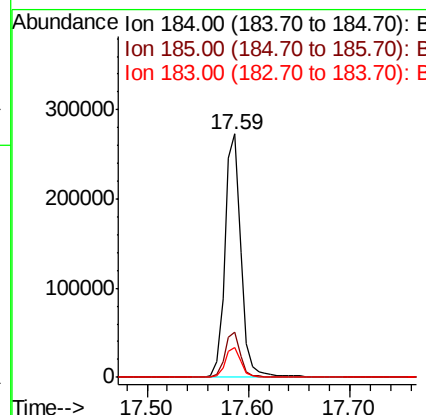
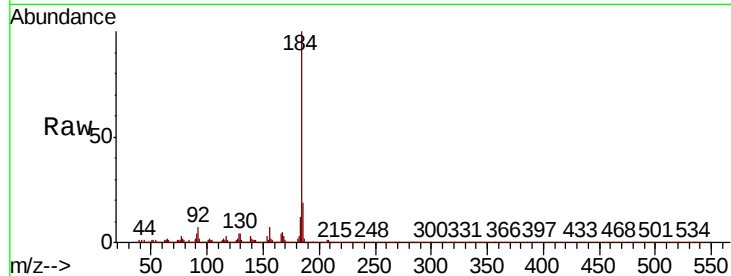
ClientSampleId :

LOQ-SOIL-02-QT4-2019

Tot Ion:	184	Resp:	298056
Ion Ratio		Lower	Upper
184	100		
185	18.6	12.6	18.8
183	12.3	9.8	14.6

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#78

Pyrene

Concen: 9.666 ng

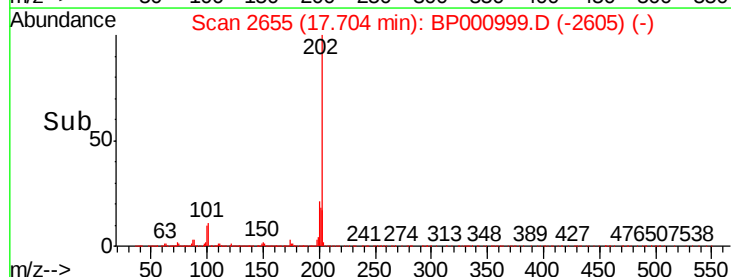
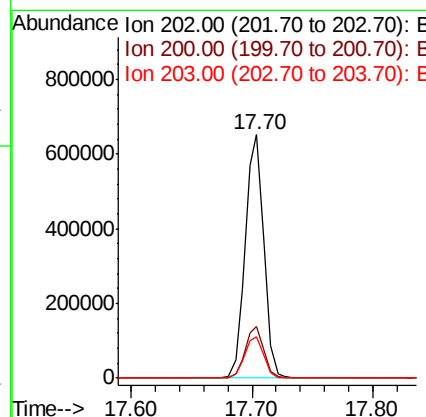
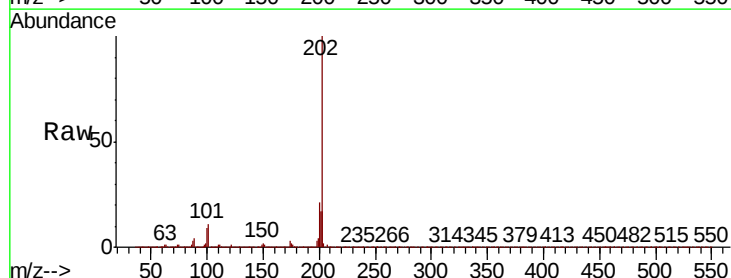
RT: 17.70 min Scan# 2655

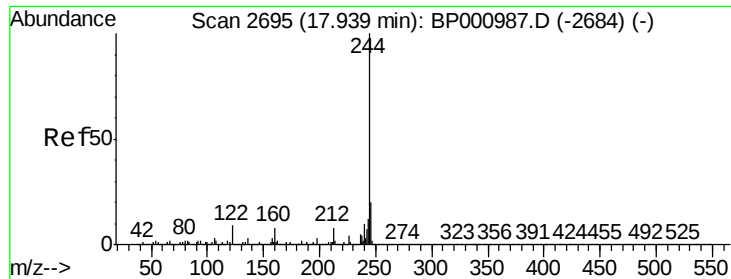
Delta R.T. -0.01 min

Lab File: BP000999.D

Acq: 07 Nov 2019 12:07

Tgt Ion:	202	Resp:	700889
Ion Ratio		Lower	Upper
202	100		
200	21.2	17.2	25.8
203	17.2	14.0	21.0





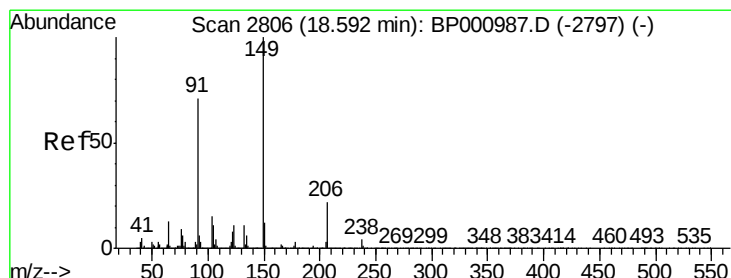
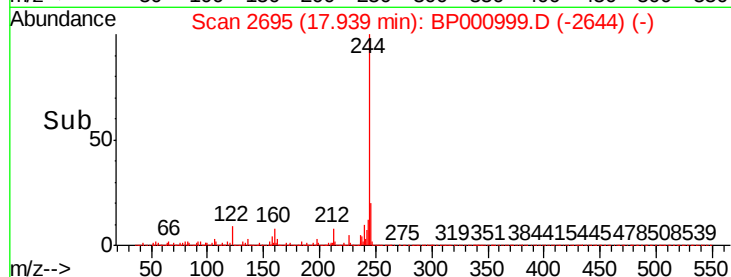
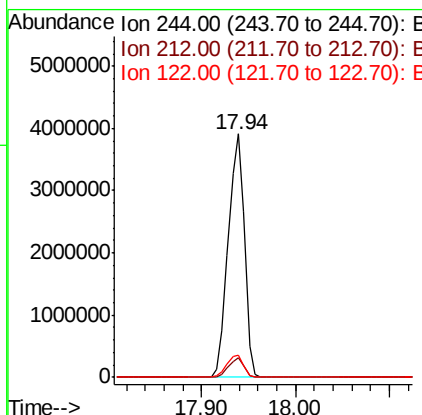
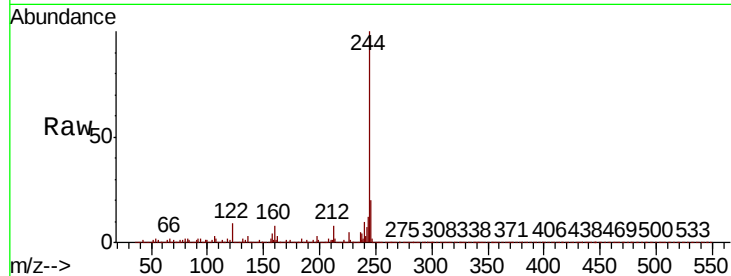
#79
 Terphenyl-d14
 Concen: 91.058 ng
 RT: 17.94 min Scan# 2695
 Delta R.T. -0.00 min
 Lab File: BP000999.D
 Acq: 07 Nov 2019 12:07

Instrument :
 BNA_P
 ClientSampleId :
 LOQ-SOIL-02-QT4-2019

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.0	9.0
122	9.3	7.4	11.2

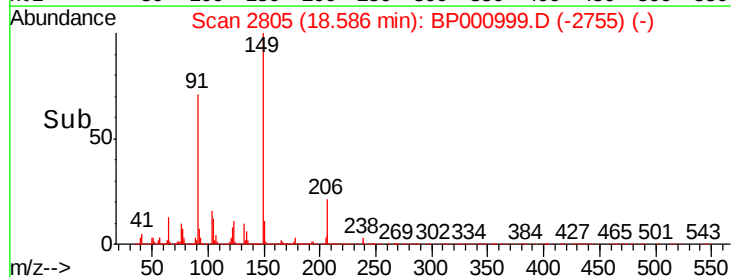
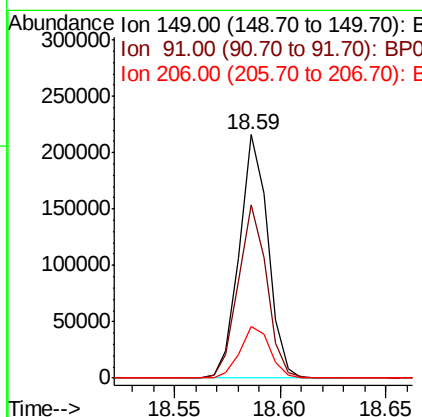
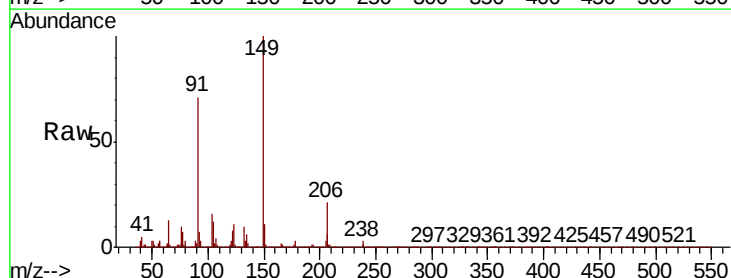
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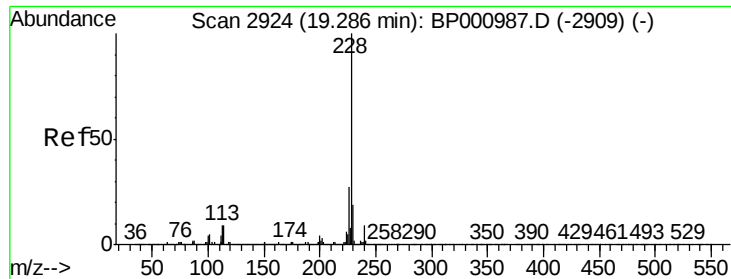
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#80
 Butylbenzylphthalate
 Concen: 7.061 ng
 RT: 18.59 min Scan# 2805
 Delta R.T. -0.01 min
 Lab File: BP000999.D
 Acq: 07 Nov 2019 12:07

Tgt Ion	Ratio	Lower	Upper
149	100		
91	71.2	56.6	84.8
206	21.2	18.0	27.0





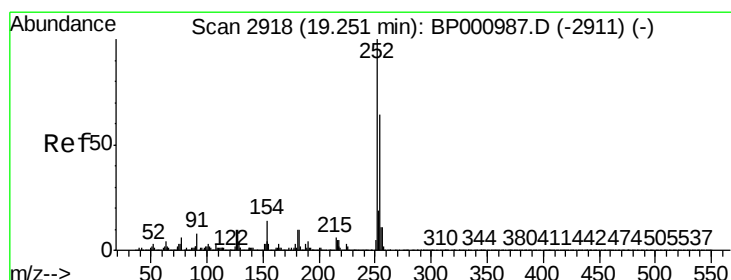
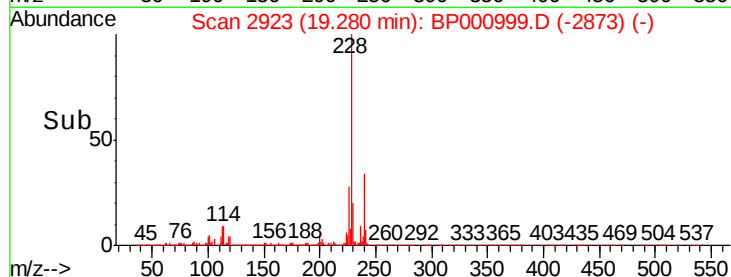
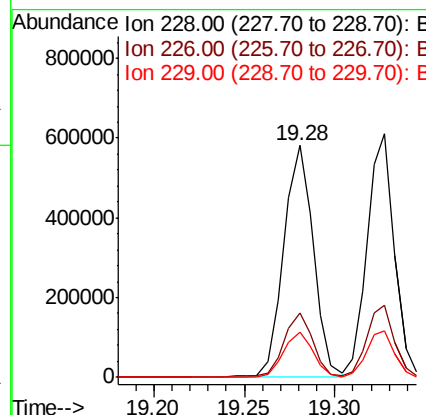
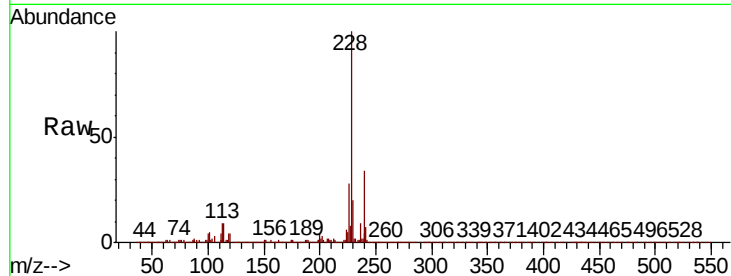
#81
Benzo(a)anthracene
Concen: 9.614 ng
RT: 19.28 min Scan# 2923
Delta R.T. -0.01 min
Lab File: BP000999.D
Acq: 07 Nov 2019 12:07

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2019

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.7	21.8	32.8
229	19.6	15.6	23.4

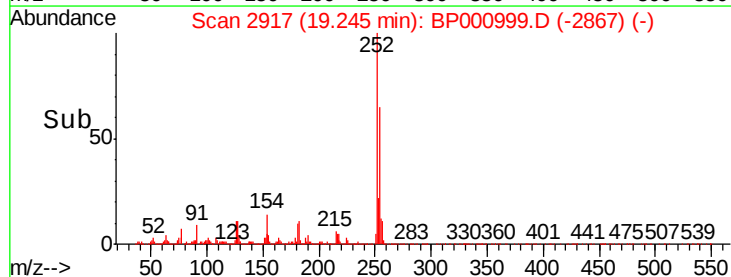
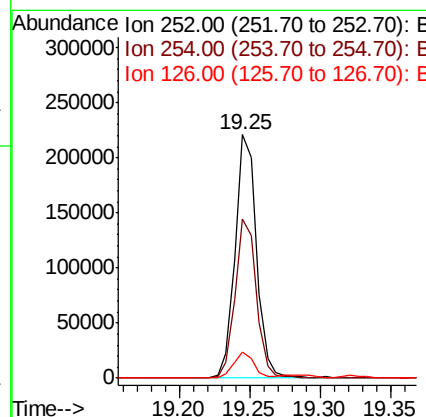
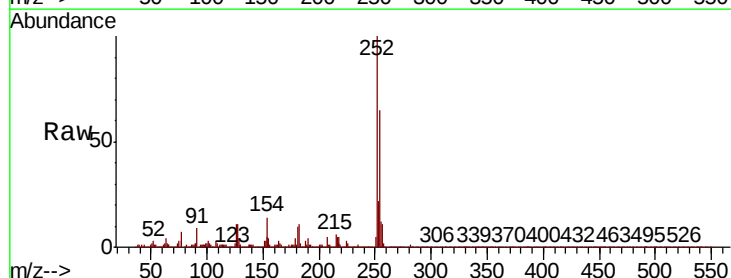
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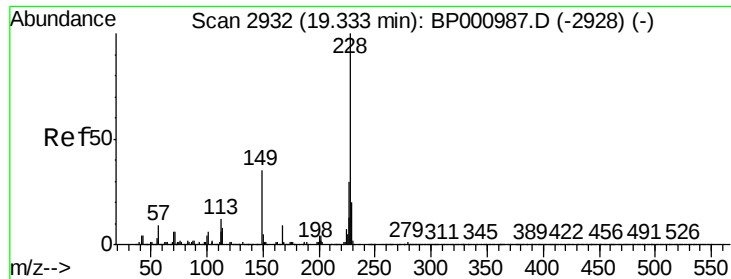
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#82
3,3'-Dichlorobenzidine
Concen: 9.279 ng
RT: 19.25 min Scan# 2917
Delta R.T. -0.01 min
Lab File: BP000999.D
Acq: 07 Nov 2019 12:07

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.3	51.1	76.7
126	10.7	8.3	12.5





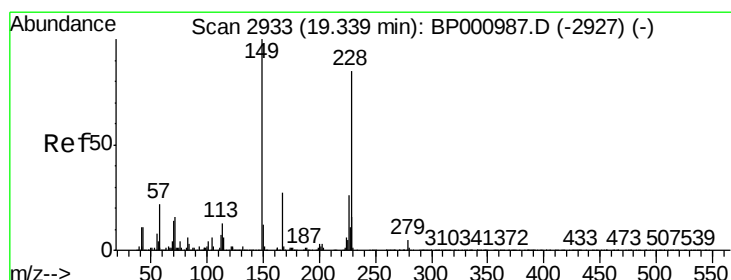
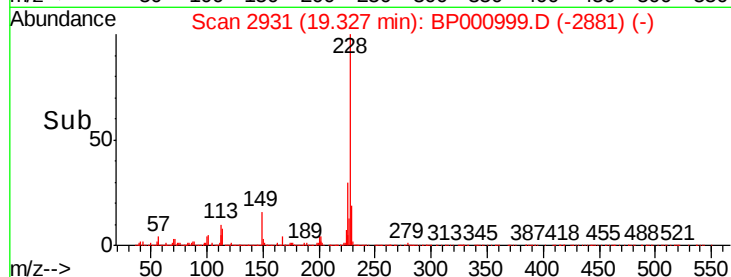
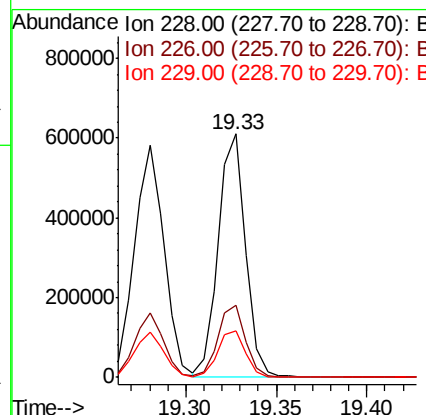
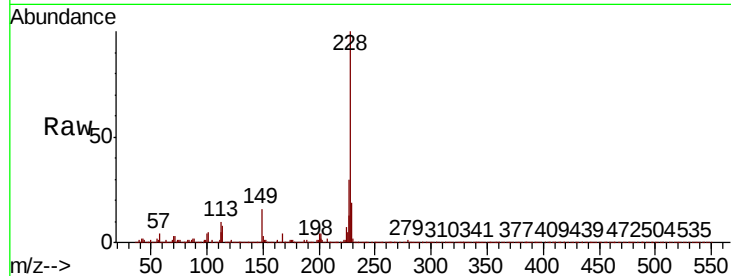
#83
Chrysene
Concen: 10.482 ng
RT: 19.33 min Scan# 2931
Delta R.T. -0.01 min
Lab File: BP000999.D
Acq: 07 Nov 2019 12:07

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2019

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.2	36.2
229	19.2	15.8	23.6

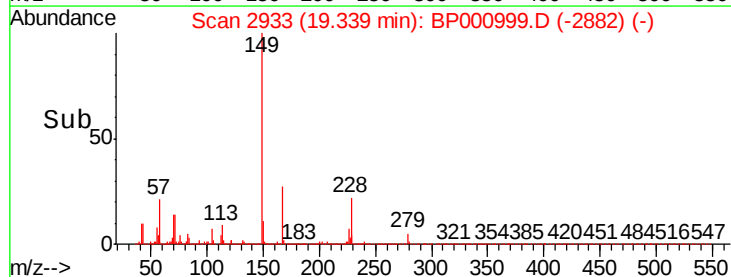
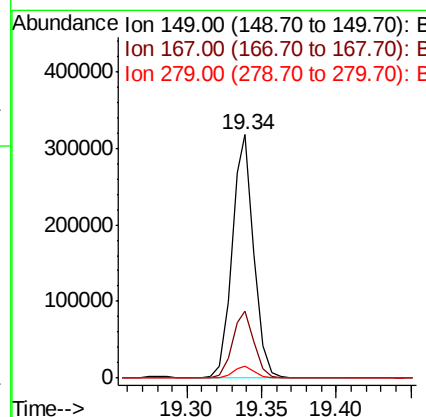
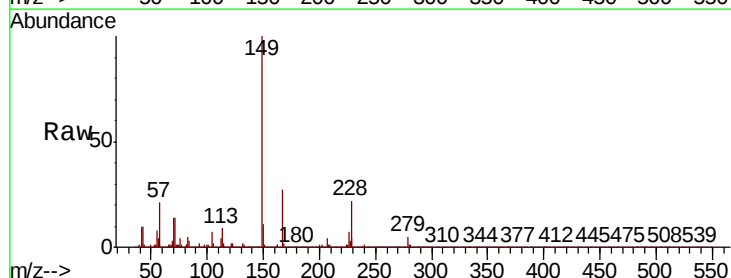
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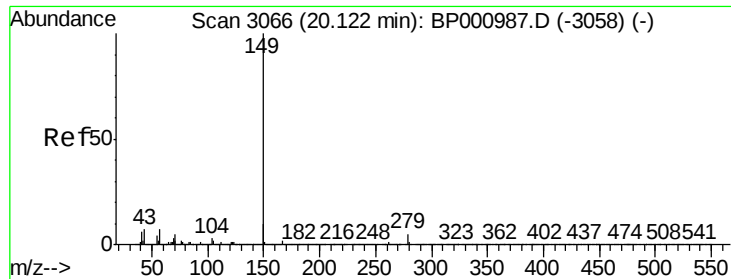
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#84
Bis(2-ethylhexyl)phthalate
Concen: 8.846 ng
RT: 19.34 min Scan# 2933
Delta R.T. -0.00 min
Lab File: BP000999.D
Acq: 07 Nov 2019 12:07

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.4	21.4	32.2
279	4.9	3.7	5.5





#85

Di-n-octyl phthalate

Concen: 7.261 ng

RT: 20.12 min Scan# 3065

Delta R.T. -0.01 min

Lab File: BP000999.D

Acq: 07 Nov 2019 12:07

Instrument :

BNA_P

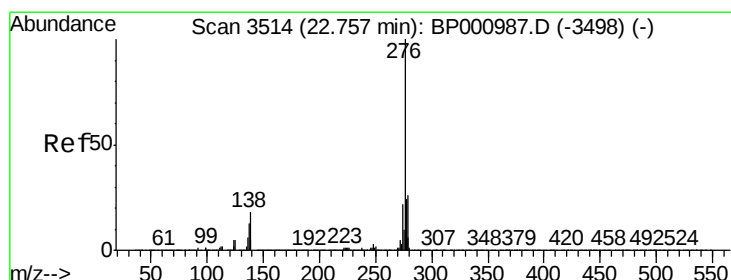
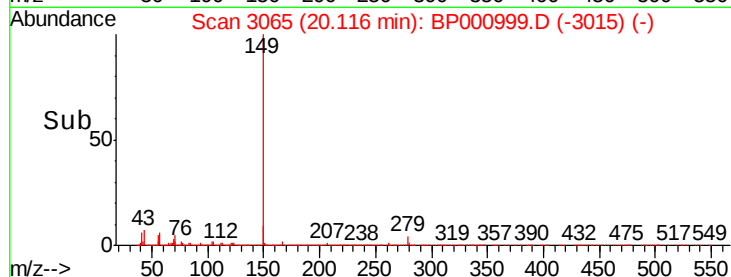
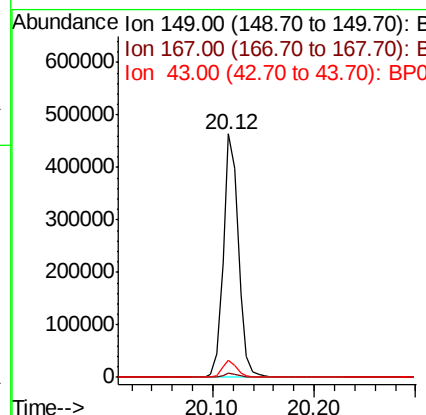
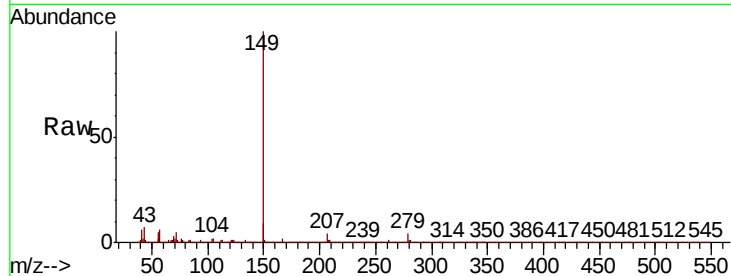
ClientSampleId :

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Tot Ion:	149	Resp:	477194
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.3	1.9
43	7.0	5.6	8.4

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#86

Indeno(1,2,3-cd)pyrene

Concen: 8.382 ng

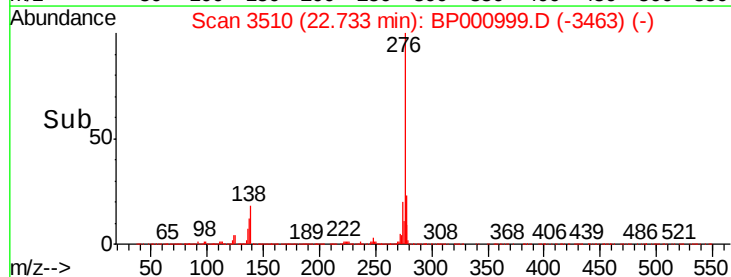
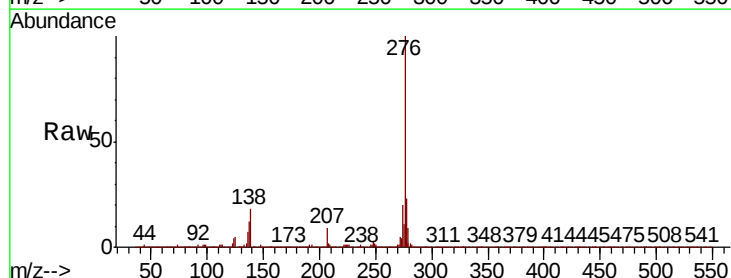
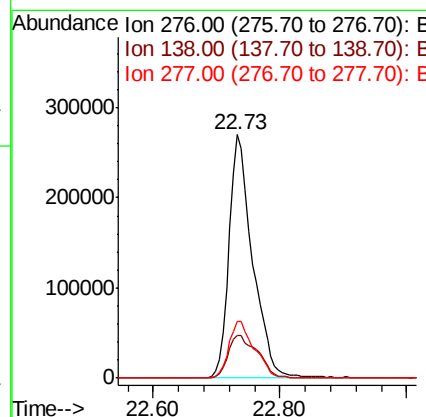
RT: 22.73 min Scan# 3510

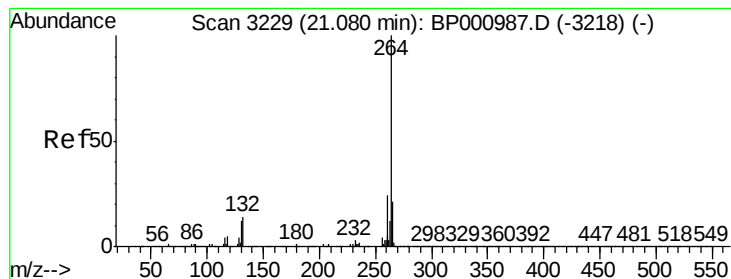
Delta R.T. -0.02 min

Lab File: BP000999.D

Acq: 07 Nov 2019 12:07

Tgt Ion:	276	Resp:	695851
Ion Ratio	Lower	Upper	
276	100		
138	22.0	17.6	26.4
277	25.6	20.2	30.4





#87

Pervlene-d12

Concen: 20.000 ng

RT: 21.07 min Scan# 3228

Delta R.T. -0.01 min

Lab File: BP000999.D

Acq: 07 Nov 2019 12:07

Instrument :

BNA_P

ClientSampleId :

LOQ-SOIL-02-QT4-2019

Tot Ion:264 Resp: 1140103

Ion Ratio Lower Upper

264 100

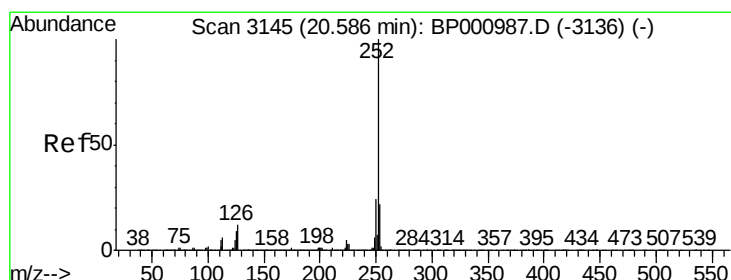
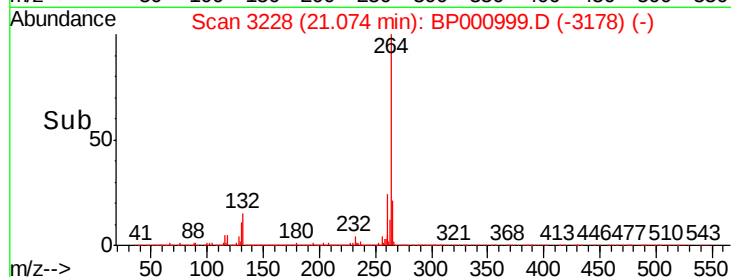
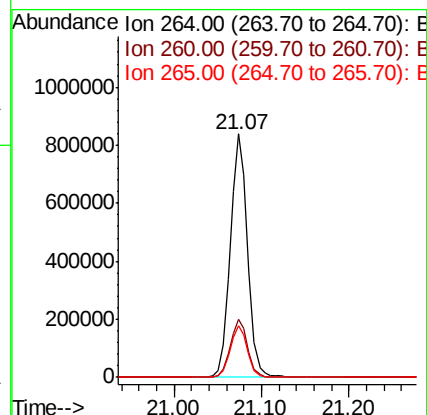
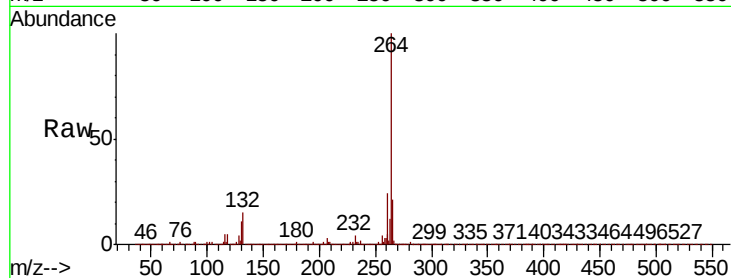
260 23.8 18.8 28.2

265 21.4 17.1 25.7

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#88

Benzo(b)fluoranthene

Concen: 9.651 ng

RT: 20.58 min Scan# 3144

Delta R.T. -0.01 min

Lab File: BP000999.D

Acq: 07 Nov 2019 12:07

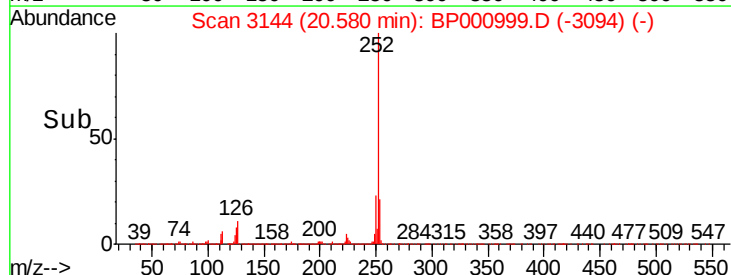
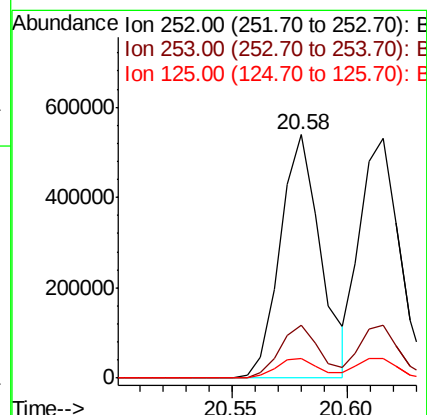
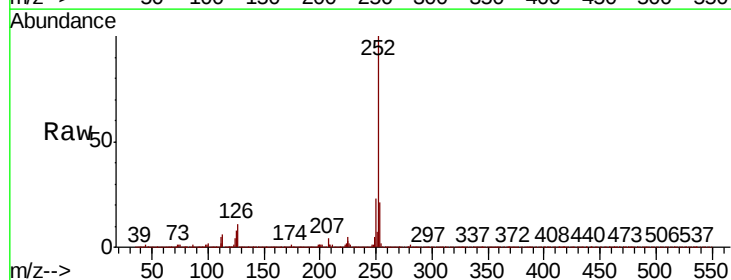
Tgt Ion:252 Resp: 655863

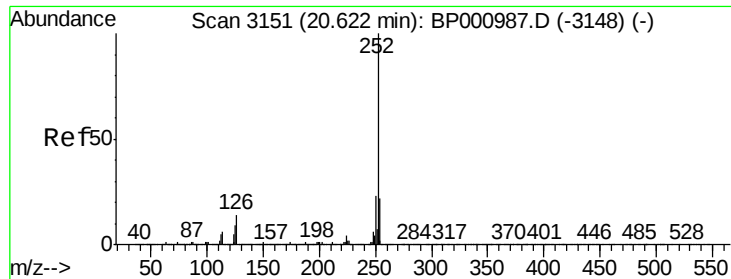
Ion Ratio Lower Upper

252 100

253 21.5 17.9 26.9

125 8.0 7.3 10.9





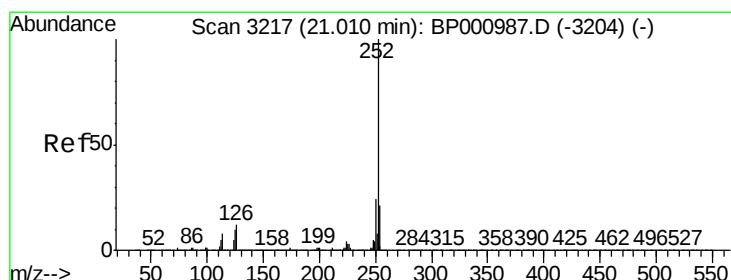
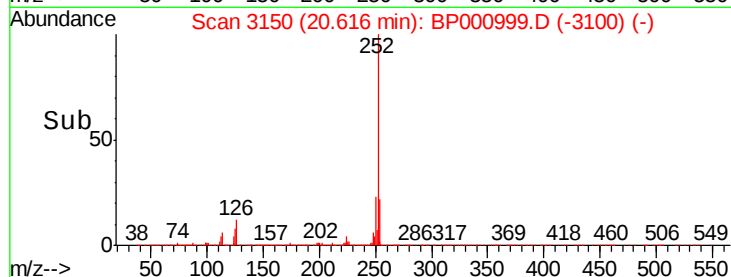
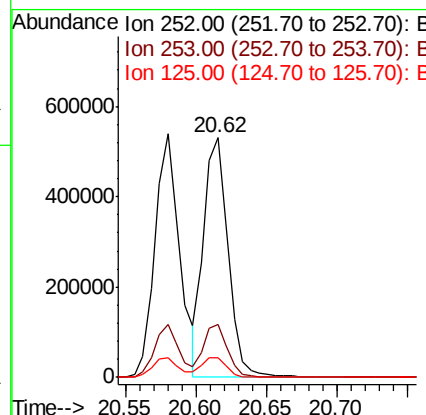
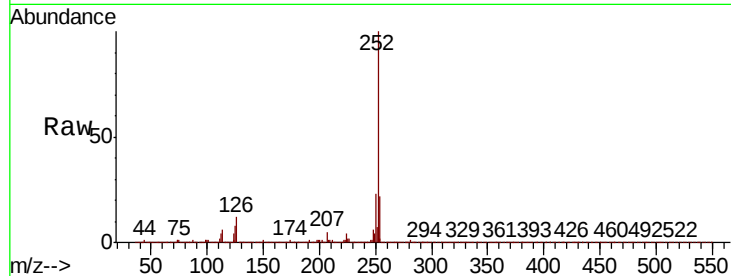
#89
Benzo(k)fluoranthene
Concen: 9.970 ng
RT: 20.62 min Scan# 3150
Delta R.T. -0.01 min
Lab File: BP000999.D
Acq: 07 Nov 2019 12:07

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2019

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.7	26.5
125	8.1	7.3	10.9

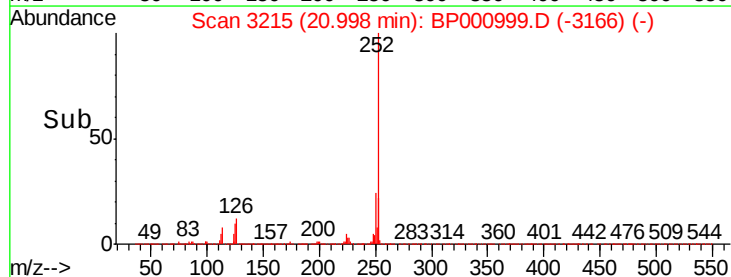
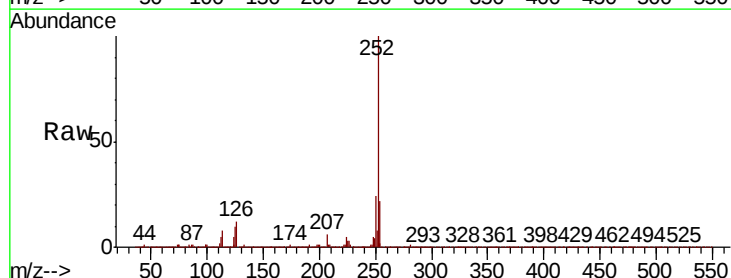
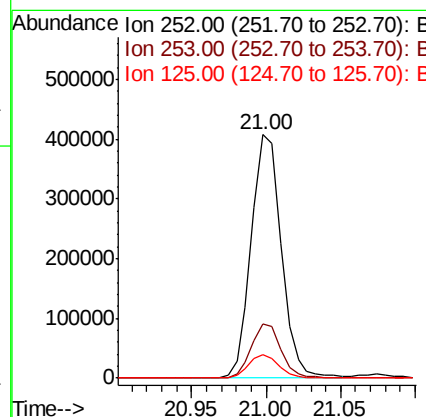
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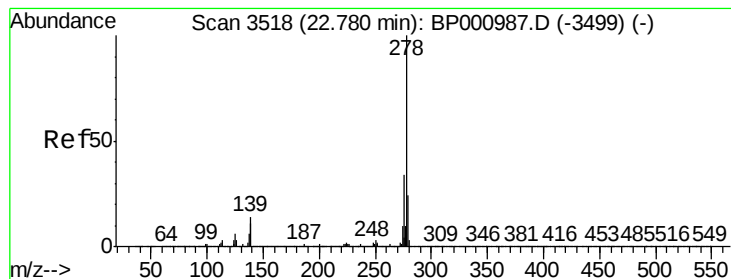
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#90
Benzo(a)pyrene
Concen: 9.119 ng
RT: 21.00 min Scan# 3215
Delta R.T. -0.01 min
Lab File: BP000999.D
Acq: 07 Nov 2019 12:07

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.1	25.7
125	9.7	7.6	11.4





#91

Dibenzo(a,h)anthracene

Concen: 9.431 ng

RT: 22.76 min Scan# 3515

Delta R.T. -0.02 min

Lab File: BP000999.D

Acq: 07 Nov 2019 12:07

Instrument :

BNA_P

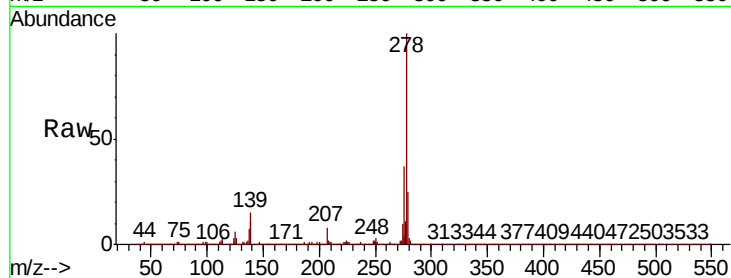
ClientSampleId :

LOQ-SOIL-02-QT4-2019

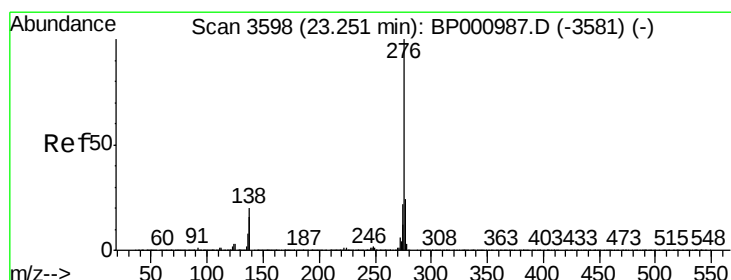
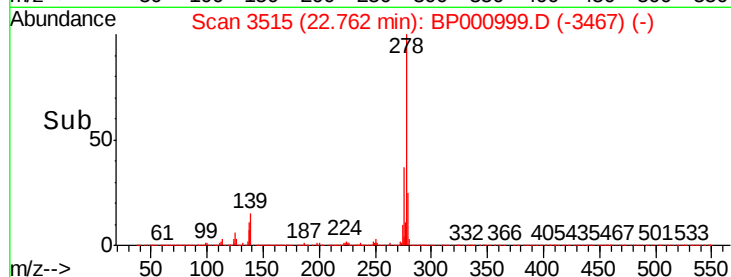
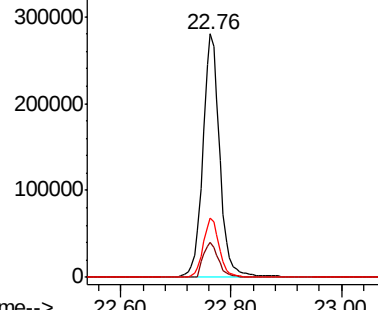
Tot Ion:	278	Resp:	601538
Ion Ratio	Lower	Upper	
278	100		
139	14.6	11.3	16.9
279	24.6	19.1	28.7

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Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 9.245 ng

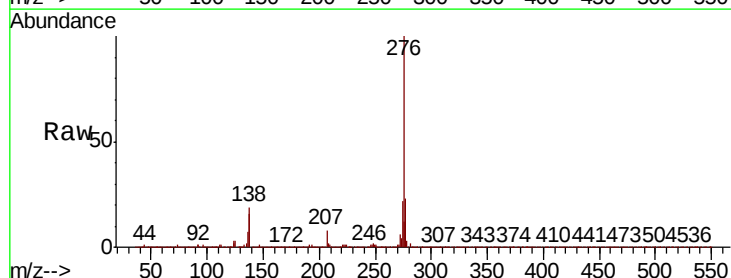
RT: 23.23 min Scan# 3594

Delta R.T. -0.02 min

Lab File: BP000999.D

Acq: 07 Nov 2019 12:07

Tgt Ion:	276	Resp:	593730
Ion Ratio	Lower	Upper	
276	100		
277	23.4	19.0	28.4
138	19.0	15.7	23.5



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

