

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP021820\
 Data File : BP001771.D
 Acq On : 18 Feb 2020 22:18
 Operator : CG/JU
 Sample : K5695-07
 Misc : MDL-SOIL-7
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MDL-SOIL-07

Manual Integrations
 APPROVED

Sohil
 2/19/2020 4:39:42 PM

Quant Time: Feb 19 12:15:46 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Feb 19 02:37:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	448320	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	1835881	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.29	164	1144379	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.05	188	2438204	20.00	ng/ul	0.00
78) Chrysene-d12	21.13	240	2516203	20.00	ng/ul	0.00
86) Perylene-d12	23.34	264	2660242	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.19	96	44793	4.15	ng/uL	0.00
5) Phenol-d5	6.83	99	940825	27.77	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	555908	28.25	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	798926	29.18	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	739198	27.51	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	359447	28.92	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	348191	30.98	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	743953	27.84	ng/ul	0.00
29) 4-Chloroaniline-d4	10.56	131	1082698	34.25	ng/ul	0.00
44) Dimethylphthalate-d6	13.71	166	2321108	28.90	ng/ul	0.00
47) Acenaphthylene-d8	13.98	160	2873763	29.06	ng/ul	0.00
52) 4-Nitrophenol-d4	14.49	143	340541	24.35	ng/ul	0.00
58) Fluorene-d10	15.29	176	2014599	27.90	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.40	200	221413	23.03	ng/ul	0.00
71) Anthracene-d10	17.14	188	3071725	28.60	ng/ul	0.00
79) Pyrene-d10	19.39	212	3425627	26.53	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.20	264	3569066	27.78	ng/ul	0.00

Target Compounds

					Ovalue
4) Benzaldehyde	6.80	77	59939	2.891	ng/ul 96
6) Phenol	6.86	94	95423	2.658	ng/ul 94
8) Bis(2-Chloroethyl)ether	7.09	93	79272	2.738	ng/ul 95
10) 2-Chlorophenol	7.23	128	78997	2.728	ng/ul 99
11) 2-Methylphenol	8.10	108	62143	2.286	ng/ul 99
12) 2,2'-oxybis(1-Chloropropan	8.19	45	93246	2.703	ng/ul 99
14) Acetophenone	8.47	105	109971	2.649	ng/ul 99
15) N-Nitroso-di-n-propylamine	8.46	70	49068	2.549	ng/ul 98
16) 4-Methylphenol	8.42	108	74934	2.561	ng/ul 97
17) Hexachloroethane	8.73	117	30499	2.647	ng/ul 98
20) Nitrobenzene	8.84	77	82699	2.684	ng/ul 99
21) Isophorone	9.37	82	132350	2.337	ng/ul 99
23) 2-Nitrophenol	9.55	139	38090	2.828	ng/ul 97
24) 2,4-Dimethylphenol	9.62	107	75746	2.504	ng/ul 95
25) Bis(2-Chloroethoxy)methane	9.86	93	98675	2.575	ng/ul 99
27) 2,4-Dichlorophenol	10.08	162	73003	2.661	ng/ul 91
28) Naphthalene	10.48	128	266555	2.717	ng/ul 98
30) 4-Chloroaniline	10.59	127	95861	3.001	ng/ul 96
31) Hexachlorobutadiene	10.79	225	52379	2.700	ng/ul 97
32) Caprolactam	11.34	113	14649m	1.768	ng/ul
33) 4-Chloro-3-methylphenol	11.72	107	56232	2.153	ng/ul 94
34) 2-Methylnaphthalene	12.10	142	176625	2.612	ng/ul 98
35) 1-Methylnaphthalene	12.32	142	186395	2.797	ng/ul 98

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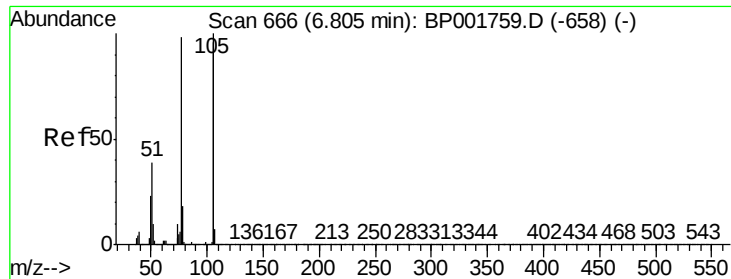
Manual Integrations
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Quant Time: Feb 19 12:15:46 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.M
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 QLast Update : Wed Feb 19 02:37:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1,2,4,5-Tetrachlorobenzene	12.47	216	99592	2.672	ng/ul	99
38) Hexachlorocyclopentadiene	12.47	237	40773	2.025	ng/ul	94
39) 2,4,6-Trichlorophenol	12.72	196	41621	2.089	ng/ul	98
40) 2,4,5-Trichlorophenol	12.78	196	44855	2.045	ng/ul	96
41) 1,1'-Biphenyl	13.12	154	241449	2.706	ng/ul	100
42) 2-Chloronaphthalene	13.16	162	187951	2.668	ng/ul	99
43) 2-Nitroaniline	13.36	65	27187	1.923	ng/ul	97
45) Dimethylphthalate	13.75	163	227159	2.687	ng/ul	100
46) 2,6-Dinitrotoluene	13.86	165	28115	1.909	ng/ul	90
48) Acenaphthylene	14.01	152	294240	2.743	ng/ul	99
49) 3-Nitroaniline	14.19	138	29000	1.934	ng/ul	96
50) Acenaphthene	14.36	153	195598	2.668	ng/ul	99
51) 2,4-Dinitrophenol	14.39	184	7791	1.275	ng/ul	93
53) 4-Nitrophenol	14.50	109	24920	2.407	ng/ul	95
54) Dibenzofuran	14.69	168	286174	2.772	ng/ul	98
55) 2,4-Dinitrotoluene	14.65	165	44938	2.072	ng/ul	98
56) 2,3,4,6-Tetrachlorophenol	14.92	232	38768	2.187	ng/ul	99
57) Diethylphthalate	15.13	149	197956	2.449	ng/ul	100
59) Fluorene	15.35	166	229361	2.793	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.35	204	117454	2.756	ng/ul	98
61) 4-Nitroaniline	15.35	138	33624	1.986	ng/ul	96
64) 4,6-Dinitro-2-methylphenol	15.42	198	24488	2.284	ng/ul#	72
65) N-Nitrosodiphenylamine	15.56	169	181641	2.598	ng/ul	99
66) 4-Bromophenyl-phenylether	16.25	248	67705	2.530	ng/ul	96
67) Hexachlorobenzene	16.36	284	82179	2.661	ng/ul	97
68) Atrazine	16.52	200	52922	2.100	ng/ul	99
69) Pentachlorophenol	16.70	266	22162	1.482	ng/ul	98
70) Phenanthrene	17.09	178	362520	2.696	ng/ul	99
72) Anthracene	17.17	178	364542	2.745	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.09	216	109240	2.733	ng/uL	97
74) Pentachlorobenzene	14.62	250	98573	2.530	ng/uL	99
75) Carbazole	17.45	167	283688	2.561	ng/ul	99
76) Di-n-butylphthalate	18.03	149	251084	2.060	ng/ul	99
77) Fluoranthene	19.06	202	385396	2.677	ng/ul	98
80) Pvrene	19.41	202	451112	2.636	ng/ul	99
81) Butylbenzylphthalate	20.30	149	86929	1.636	ng/ul	98
82) 3,3'-Dichlorobenzidine	21.06	252	98885	1.817	ng/ul	99
83) Benzo(a)anthracene	21.12	228	427273	2.579	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.07	149	201754	2.292	ng/ul	99
85) Chrysene	21.17	228	422090	2.607	ng/ul	99
87) Di-n-octyl phthalate	21.94	149	236682	1.777	ng/ul	100
88) Benzo(b)fluoranthene	22.68	252	399545	2.552	ng/ul	99
89) Benzo(k)fluoranthene	22.72	252	409924	2.526	ng/ul	99
91) Benzo(a)pyrene	23.24	252	389529	2.655	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.57	276	441427	2.409	ng/ul	98
93) Dibenzo(a,h)anthracene	25.59	278	380039	2.469	ng/ul	99
94) Benzo(g,h,i)perylene	26.24	276	376186	2.415	ng/ul	99

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



#4

Benzaldehyde

Concen: 2.891 ng/ul

RT: 6.80 min Scan# 666

Delta R.T. -0.00 min

Lab File: BP001771.D

Acq: 18 Feb 2020 22:18

Instrument :

BNA_P

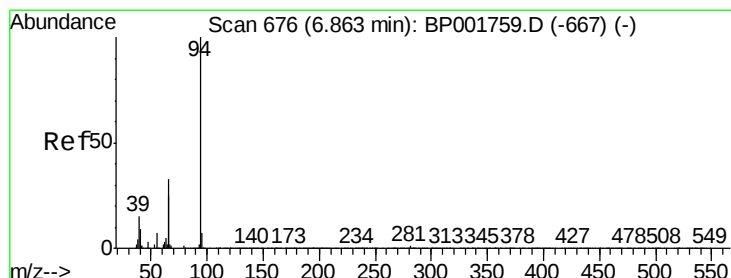
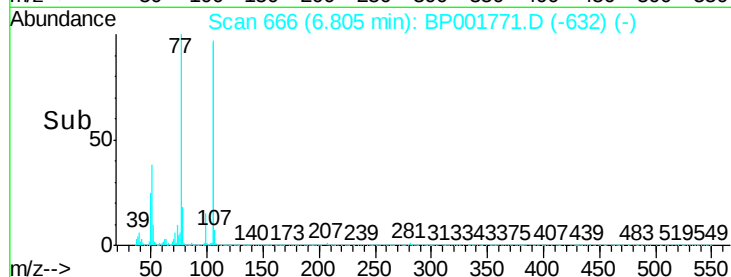
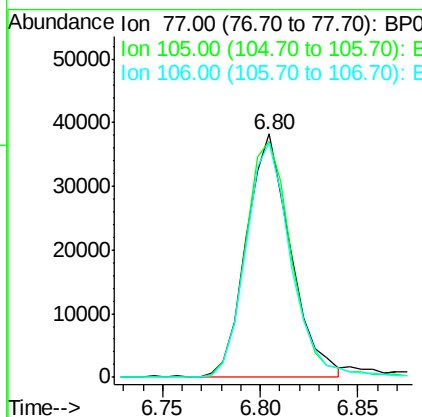
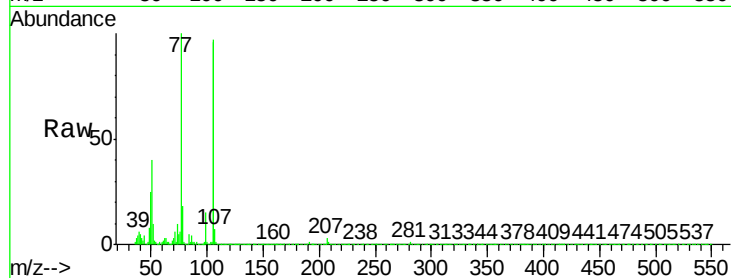
ClientSampled :

MDL-SOIL-07

Tot Ion:	77	Resp:	59939
Ion	Ratio	Lower	Upper
77	100		
105	97.0	82.0	123.0
106	96.3	78.9	118.3

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#6

Phenol

Concen: 2.658 ng/ul

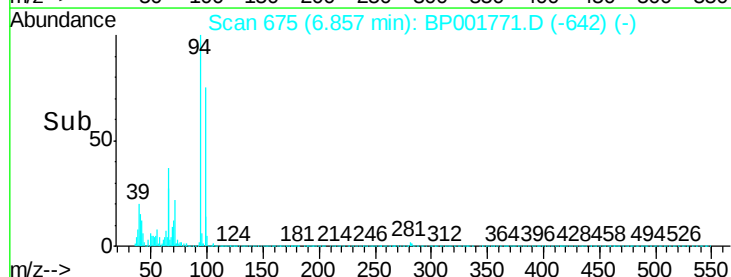
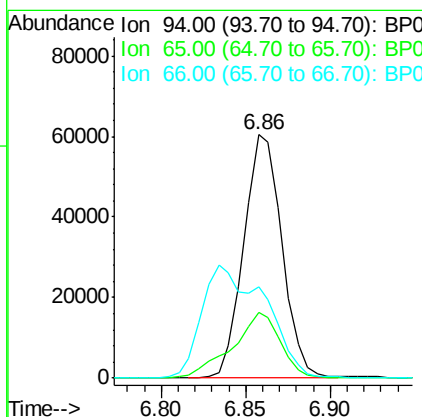
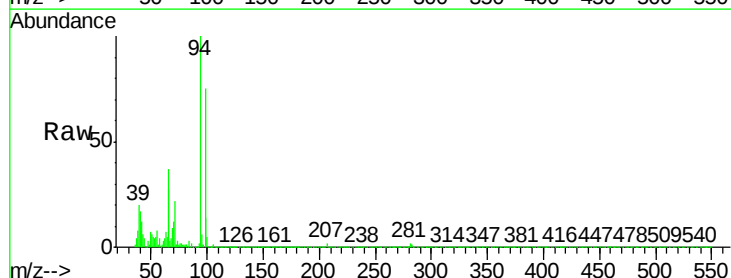
RT: 6.86 min Scan# 675

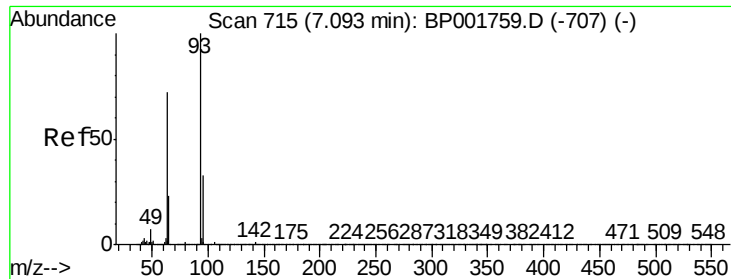
Delta R.T. -0.01 min

Lab File: BP001771.D

Acq: 18 Feb 2020 22:18

Tgt Ion:	94	Resp:	95423
Ion	Ratio	Lower	Upper
94	100		
65	27.0	19.8	29.6
66	37.4	26.6	39.8





#8

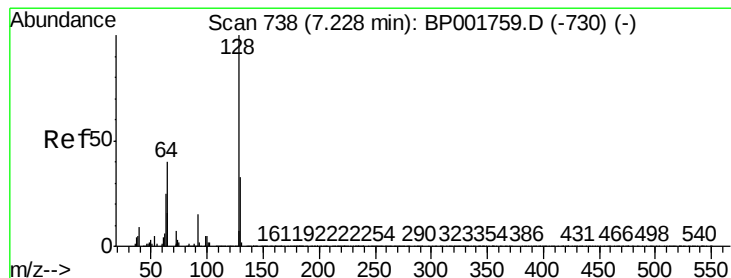
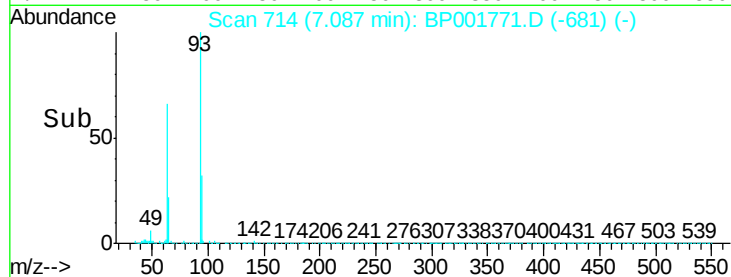
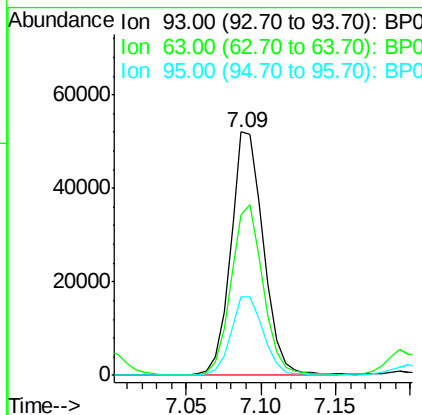
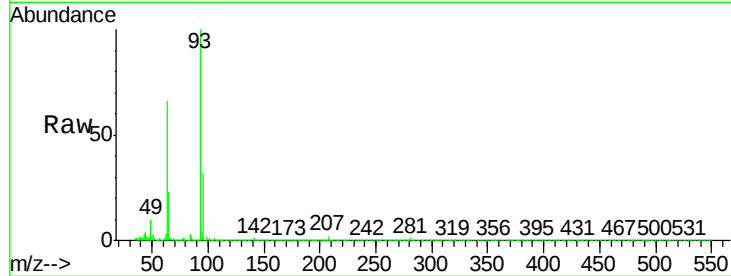
Bis(2-Chloroethyl)ether
 Concen: 2.738 ng/ul
 RT: 7.09 min Scan# 714
 Delta R.T. -0.01 min
 Lab File: BP001771.D
 Acq: 18 Feb 2020 22:18

Instrument :
 BNA_P
 ClientSampleId :
 MDL-SOIL-07

Tot Ion:	93	Resp:	79272
Ion Ratio	Lower	Upper	
93	100		
63	66.2	57.2	85.8
95	32.5	26.8	40.2

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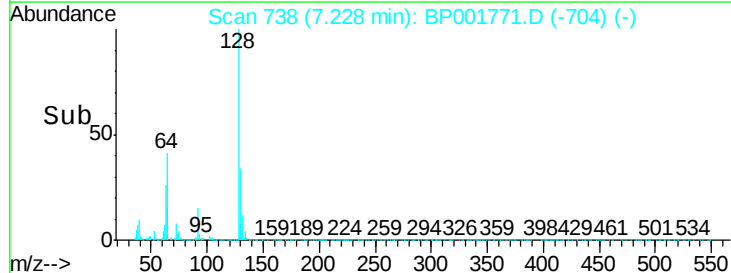
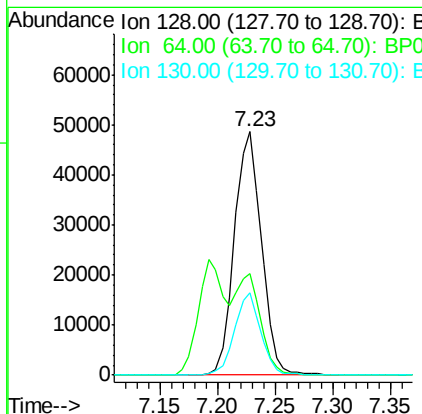
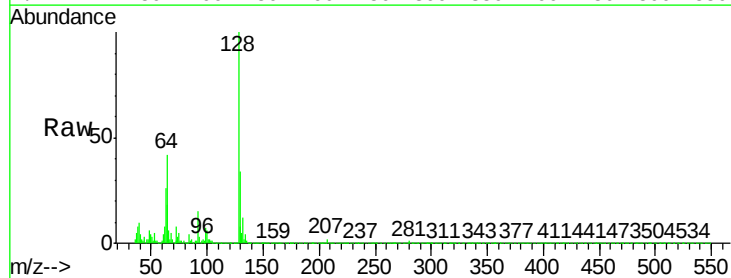
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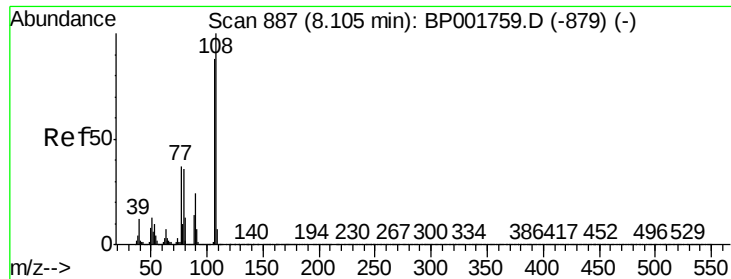


#10

2-Chlorophenol
 Concen: 2.728 ng/ul
 RT: 7.23 min Scan# 738
 Delta R.T. -0.00 min
 Lab File: BP001771.D
 Acq: 18 Feb 2020 22:18

Tgt Ion:	128	Resp:	78997
Ion Ratio	Lower	Upper	
128	100		
64	41.7	32.9	49.3
130	34.0	26.4	39.6





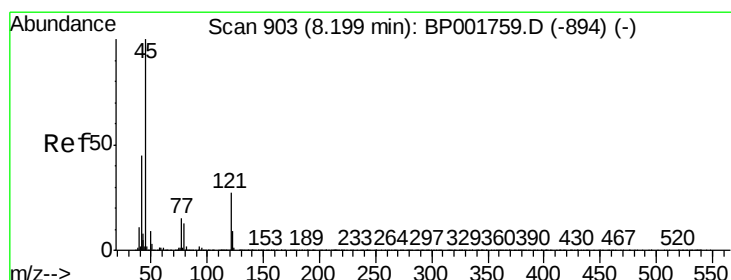
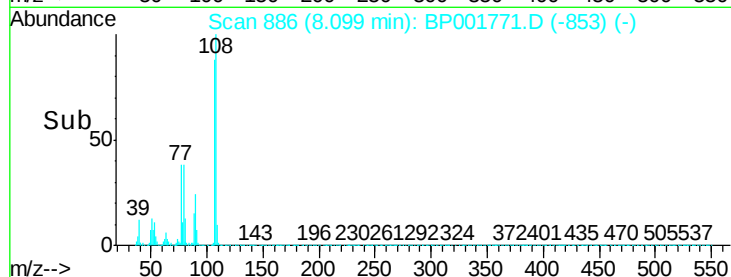
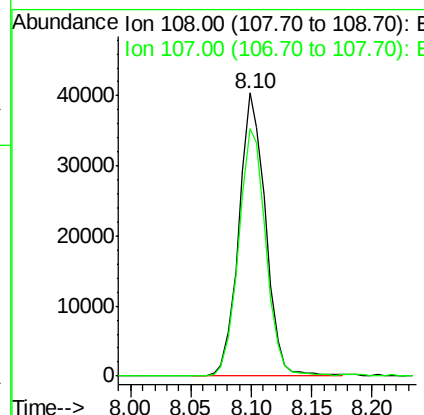
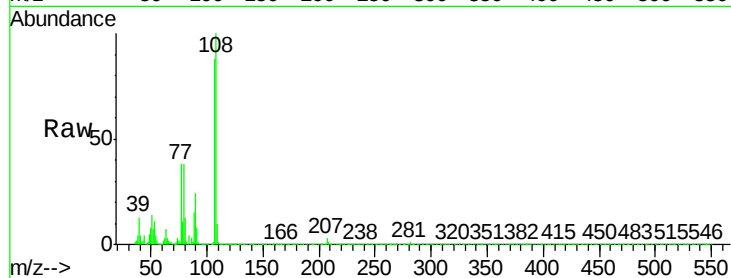
#11
2-Methylphenol
Concen: 2.286 ng/ul
RT: 8.10 min Scan# 886
Delta R.T. -0.01 min
Lab File: BP001771.D
Acq: 18 Feb 2020 22:18

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-07

Tot Ion	Ratio	Lower	Upper
108	100		
107	87.7	70.6	106.0

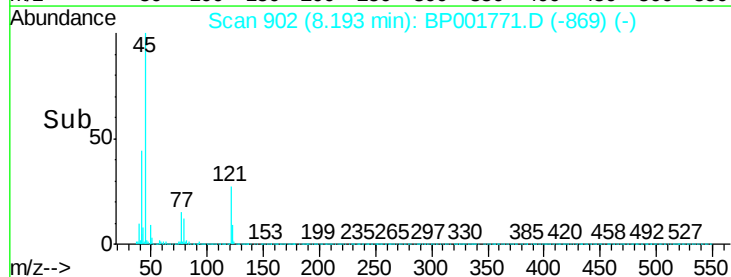
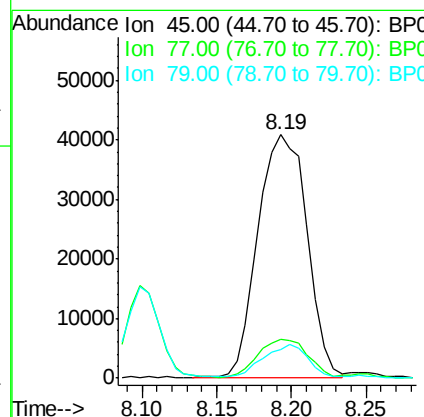
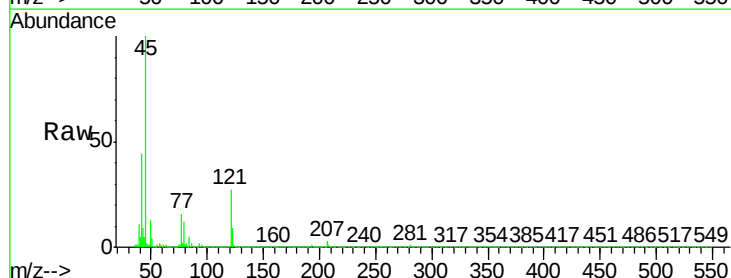
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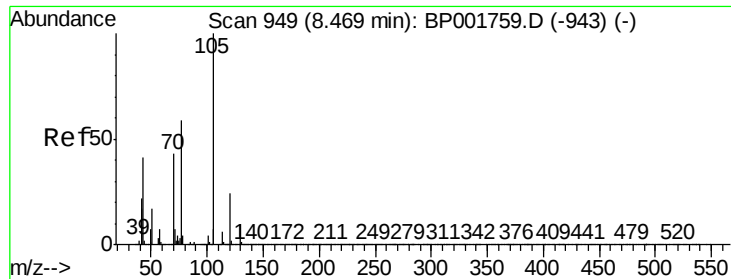
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#12
2,2'-oxybis(1-Chloropropane)
Concen: 2.703 ng/ul
RT: 8.19 min Scan# 902
Delta R.T. -0.01 min
Lab File: BP001771.D
Acq: 18 Feb 2020 22:18

Tgt Ion	Ratio	Lower	Upper
45	100		
77	15.7	12.6	18.8
79	12.0	10.4	15.6





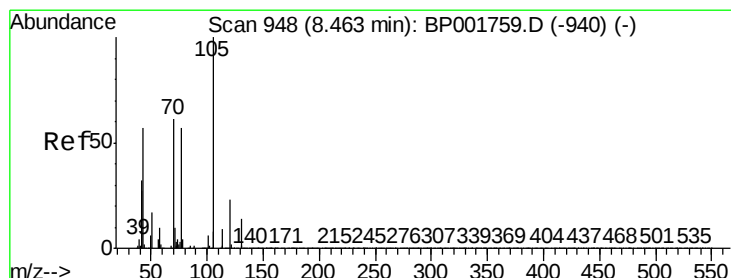
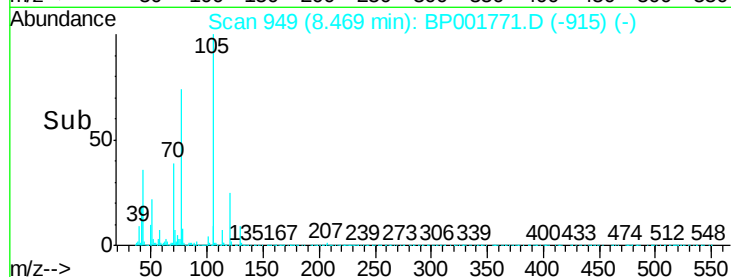
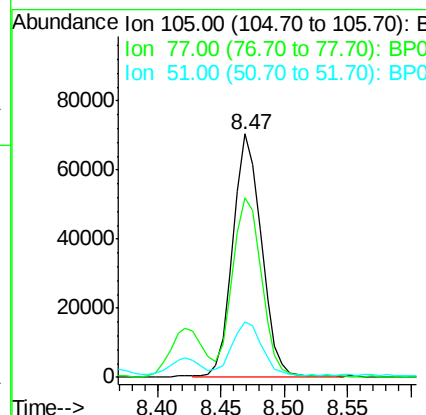
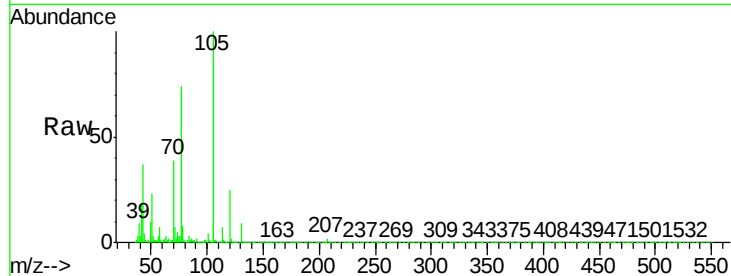
#14
Acetophenone
Concen: 2.649 ng/ul
RT: 8.47 min Scan# 949
Delta R.T. -0.00 min
Lab File: BP001771.D
Acq: 18 Feb 2020 22:18

Instrument :
BNA_P
ClientSampleId :
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Tot Ion:	105	Resp:	109971
Ion Ratio		Lower	Upper
105	100		
77	73.6	59.8	89.6
51	22.8	17.9	26.9

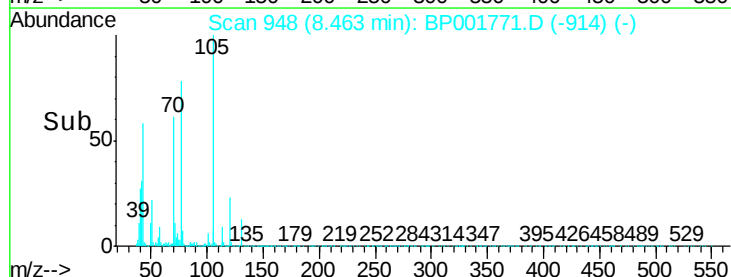
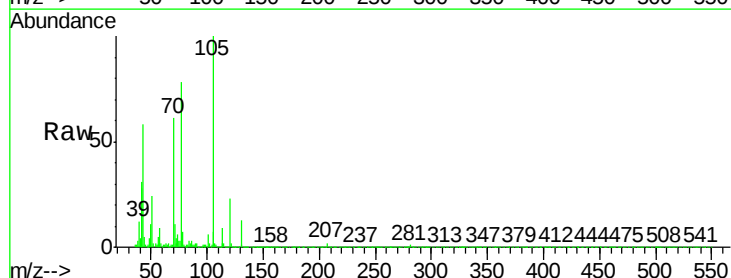
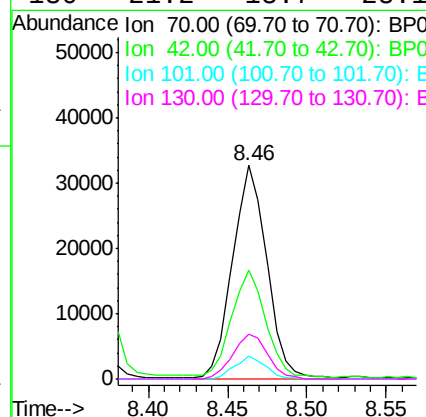
Manual Integrations
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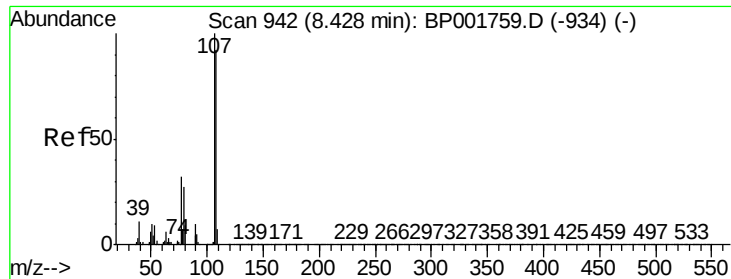
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#15
N-Nitroso-di-n-propylamine
Concen: 2.549 ng/ul
RT: 8.46 min Scan# 948
Delta R.T. -0.00 min
Lab File: BP001771.D
Acq: 18 Feb 2020 22:18

Tgt Ion:	70	Resp:	49068
Ion Ratio		Lower	Upper
70	100		
42	51.0	41.8	62.6
101	10.7	8.0	12.0
130	21.2	18.7	28.1





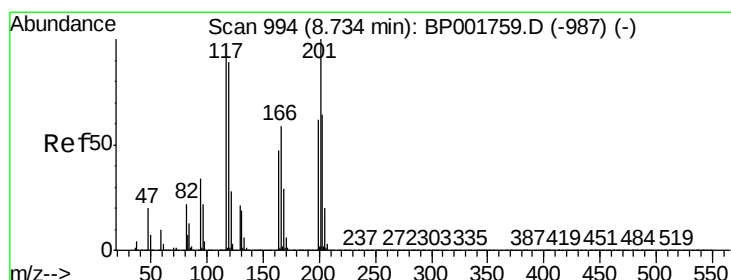
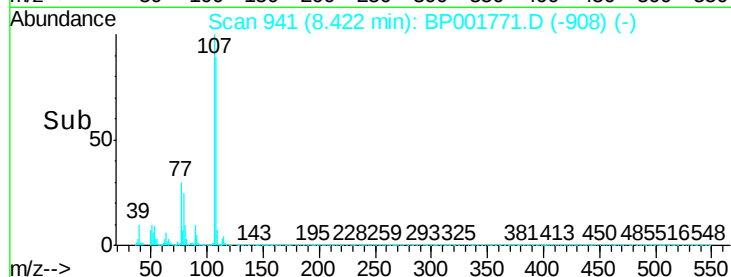
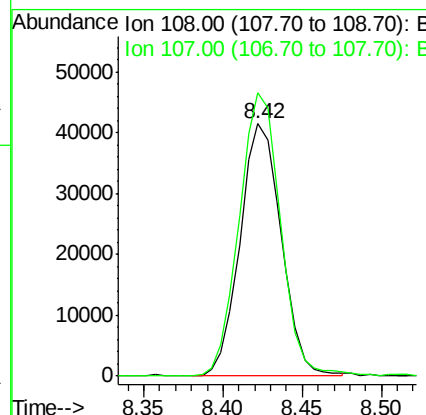
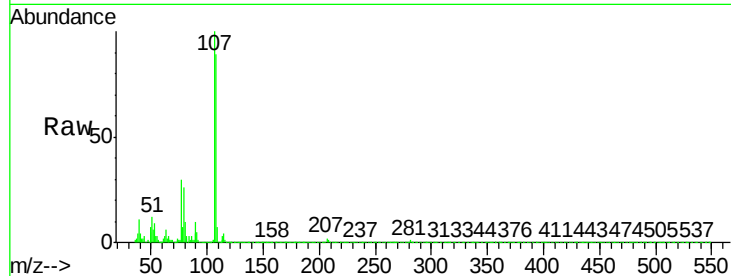
#16
4-Methylphenol
Concen: 2.561 ng/ul
RT: 8.42 min Scan# 941
Delta R.T. -0.01 min
Lab File: BP001771.D
Acq: 18 Feb 2020 22:18

Instrument :
BNA_P
ClientSampled :
MDL-SOIL-07

Tot Ion	Ratio	Lower	Upper
108	100		
107	112.1	87.3	130.9

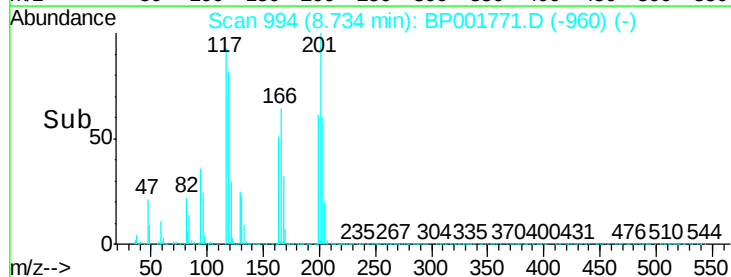
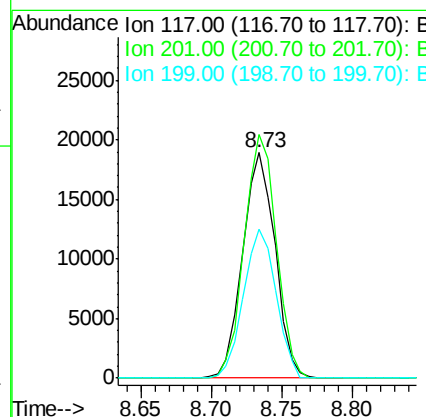
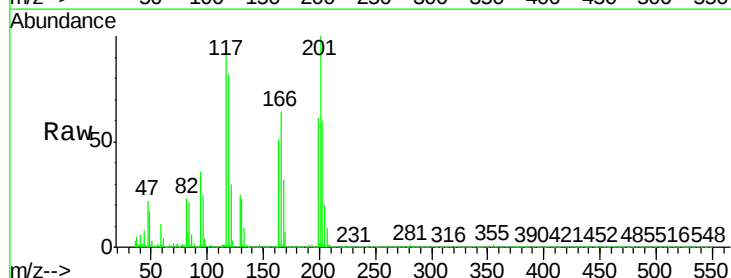
Manual Integrations
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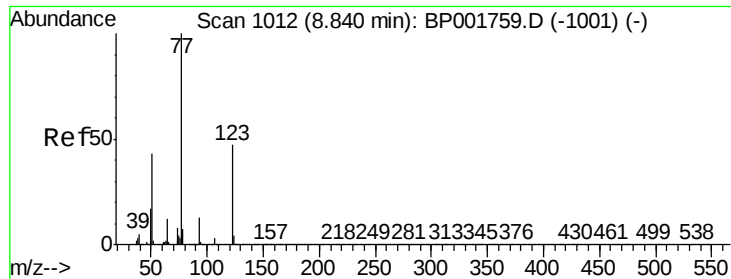
Sohil
2/19/2020 4:39:42 PM



#17
Hexachloroethane
Concen: 2.647 ng/ul
RT: 8.73 min Scan# 994
Delta R.T. -0.00 min
Lab File: BP001771.D
Acq: 18 Feb 2020 22:18

Tgt Ion	Ratio	Lower	Upper
117	100		
201	107.9	87.2	130.8
199	65.7	54.4	81.6





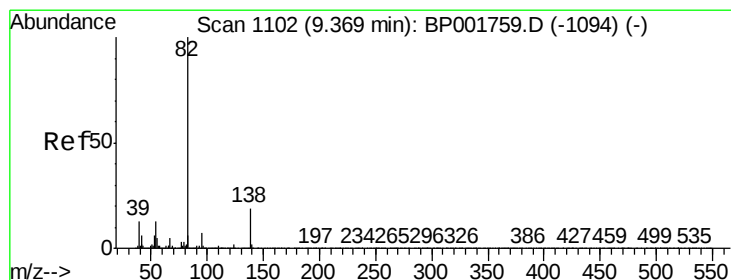
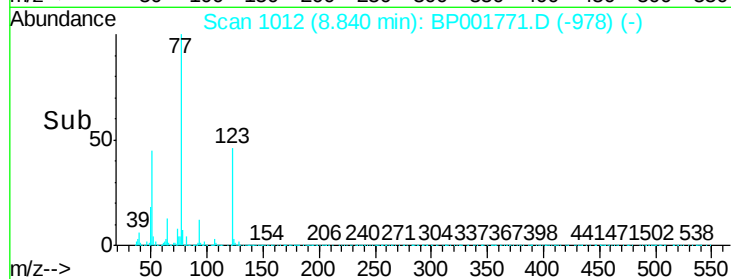
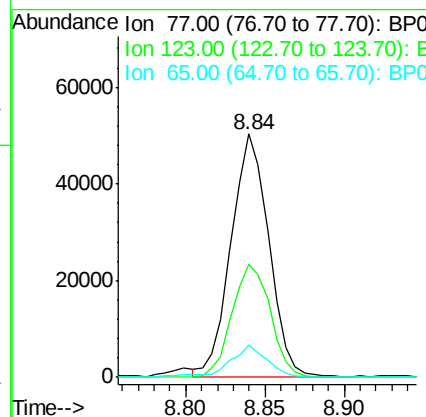
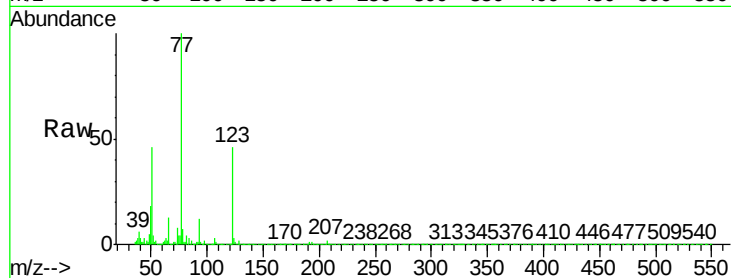
#20
Nitrobenzene
Concen: 2.684 ng/ul
RT: 8.84 min Scan# 1012
Delta R.T. -0.00 min
Lab File: BP001771.D
Acq: 18 Feb 2020 22:18

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-07

Tot Ion	Ratio	Lower	Upper
77	100		
123	46.2	37.2	55.8
65	13.1	9.5	14.3

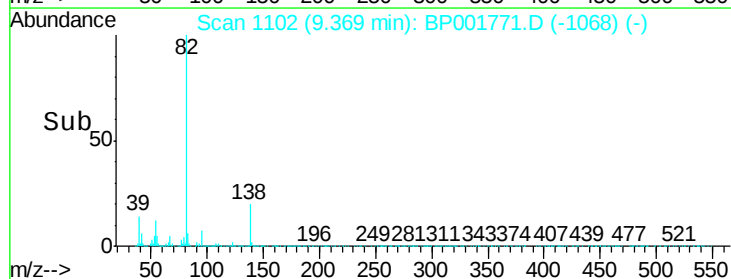
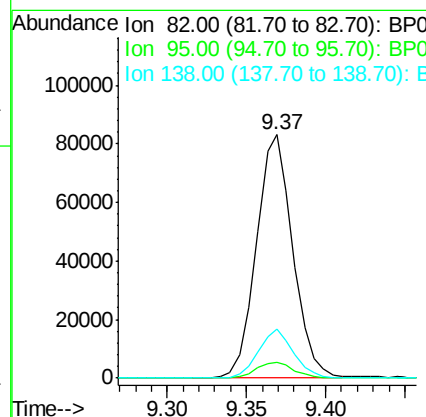
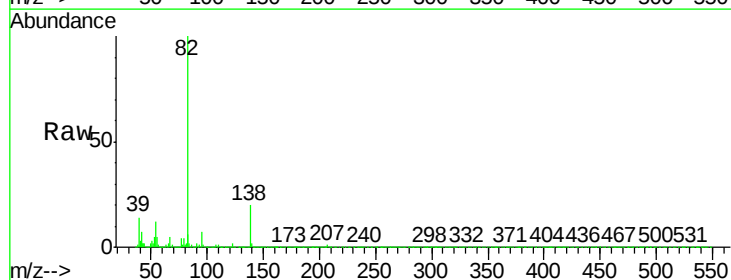
Manual Integrations
APPROVED

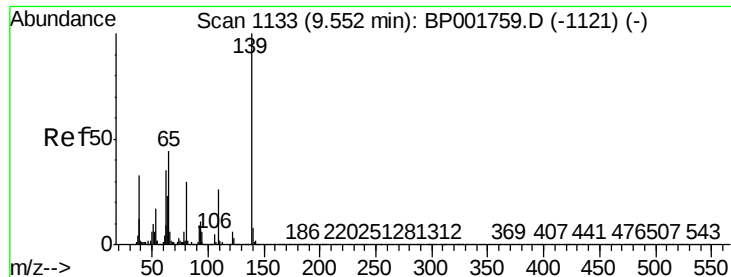
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#21
Isophorone
Concen: 2.337 ng/ul
RT: 9.37 min Scan# 1102
Delta R.T. -0.00 min
Lab File: BP001771.D
Acq: 18 Feb 2020 22:18

Tgt Ion	Ratio	Lower	Upper
82	100		
95	6.6	5.6	8.4
138	19.9	15.4	23.2





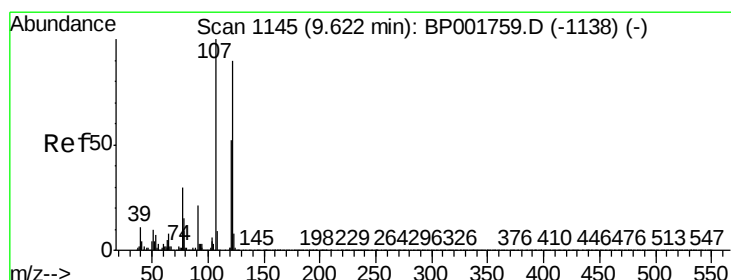
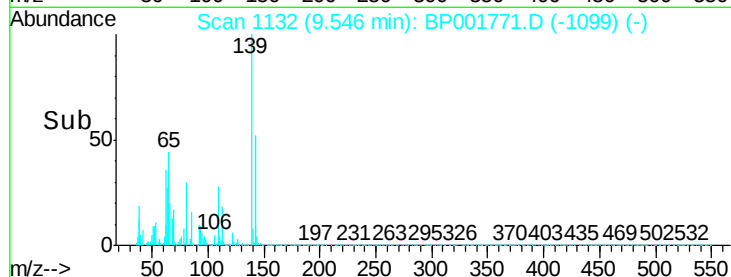
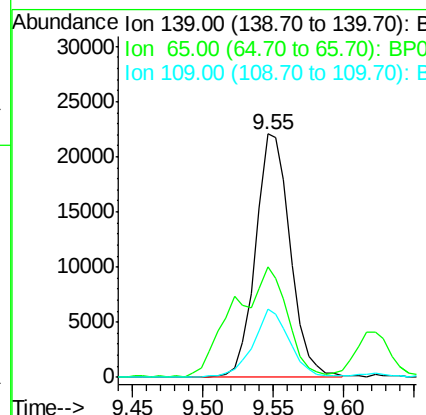
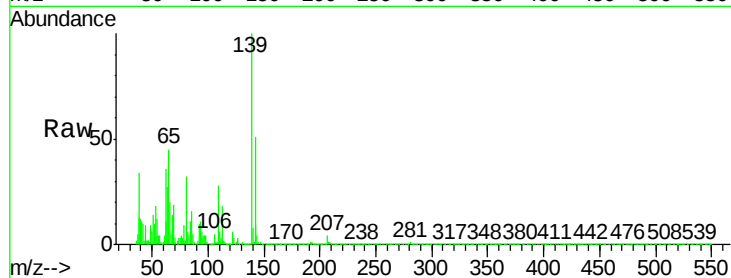
#23
2-Nitrophenol
Concen: 2.828 ng/ul
RT: 9.55 min Scan# 1132
Delta R.T. -0.01 min
Lab File: BP001771.D
Acq: 18 Feb 2020 22:18

Instrument :
BNA_P
ClientSampled :
MDL-SOIL-07

Tot Ion	Ratio	Resp Lower	Upper
139	100		
65	45.4	35.0	52.6
109	27.9	20.8	31.2

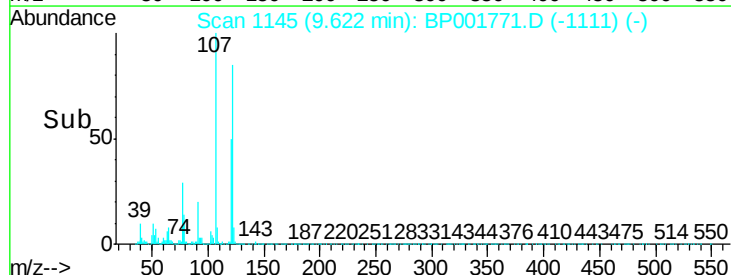
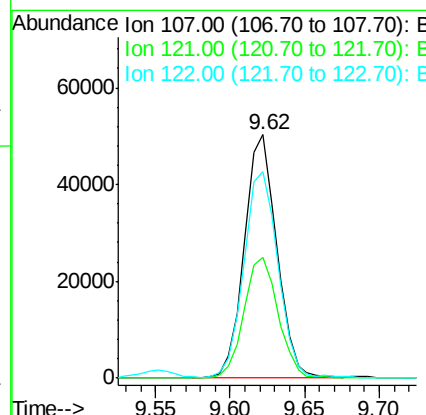
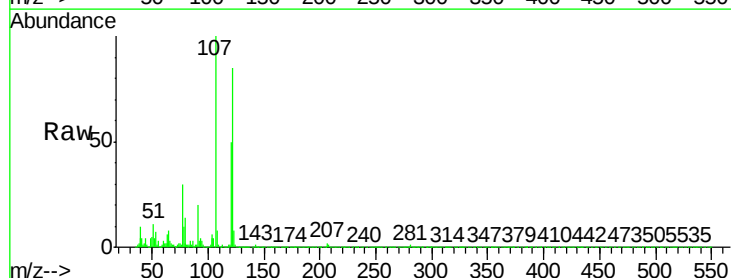
Manual Integrations
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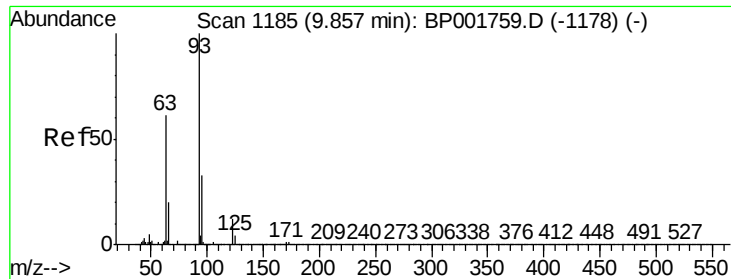
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#24
2,4-Dimethylphenol
Concen: 2.504 ng/ul
RT: 9.62 min Scan# 1145
Delta R.T. -0.00 min
Lab File: BP001771.D
Acq: 18 Feb 2020 22:18

Tgt Ion	Ratio	Resp Lower	Upper
107	100		
121	49.7	41.8	62.6
122	84.6	72.4	108.6





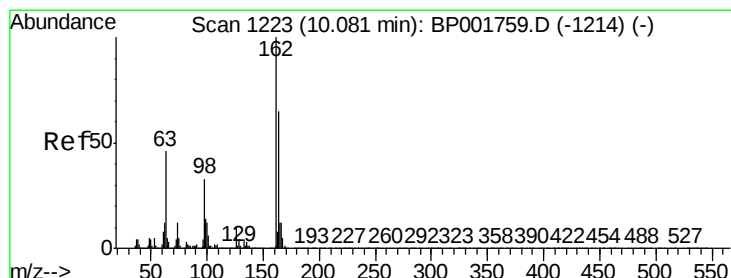
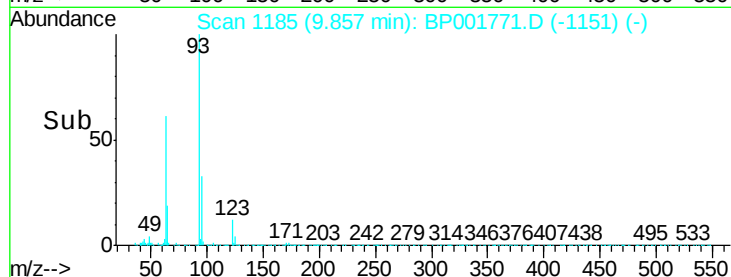
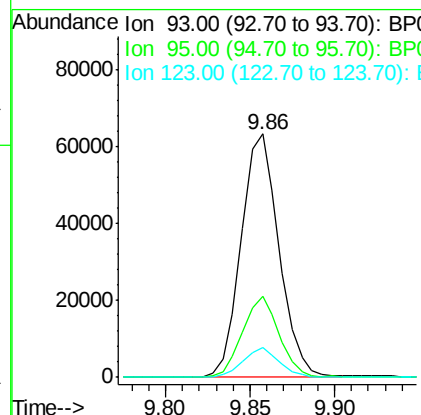
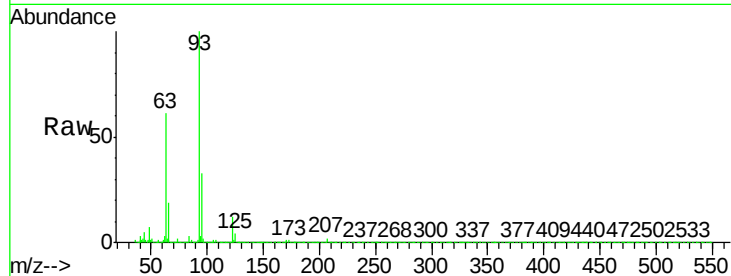
#25
 Bis(2-Chloroethoxy)methane
 Concen: 2.575 ng/ul
 RT: 9.86 min Scan# 1185
 Delta R.T. -0.00 min
 Lab File: BP001771.D
 Acq: 18 Feb 2020 22:18

Instrument :
 BNA_P
 ClientSampleId :
 MDL-SOIL-07

Tot Ion:	93	Resp:	98675
Ion Ratio	Lower	Upper	
93	100		
95	33.3	26.4	39.6
123	12.5	9.8	14.6

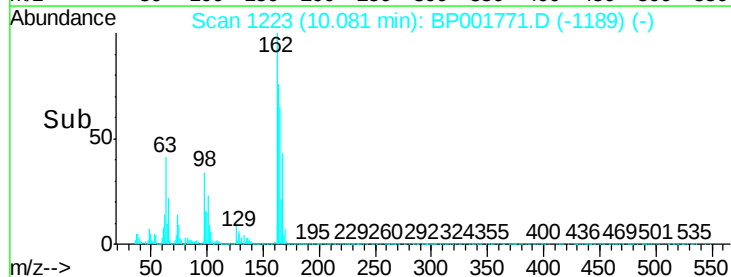
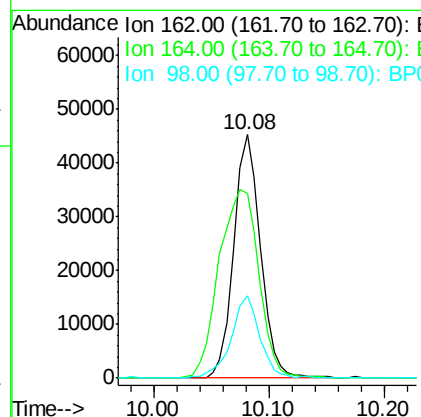
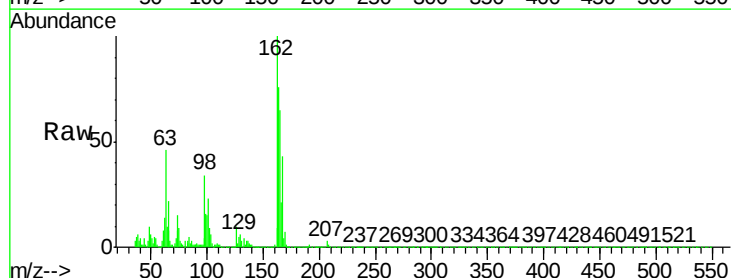
Manual Integrations
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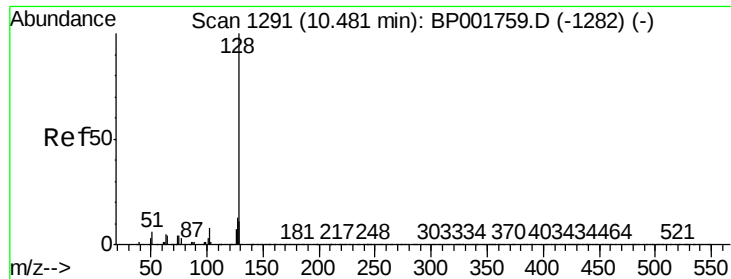
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#27
 2,4-Dichlorophenol
 Concen: 2.661 ng/ul
 RT: 10.08 min Scan# 1223
 Delta R.T. -0.00 min
 Lab File: BP001771.D
 Acq: 18 Feb 2020 22:18

Tgt Ion:	162	Resp:	73003
Ion Ratio	Lower	Upper	
162	100		
164	75.9	52.3	78.5
98	33.9	26.6	39.8





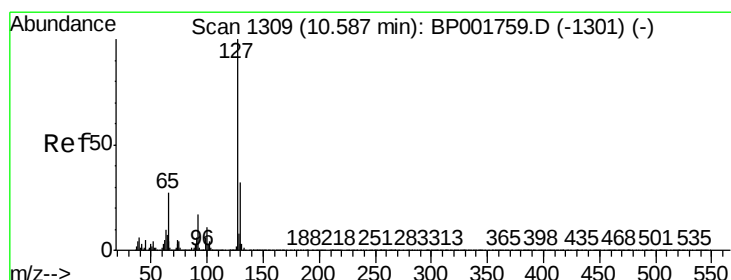
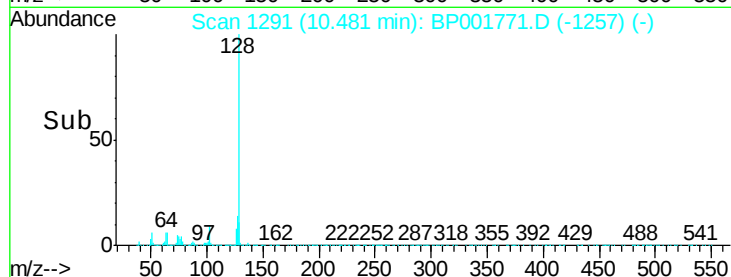
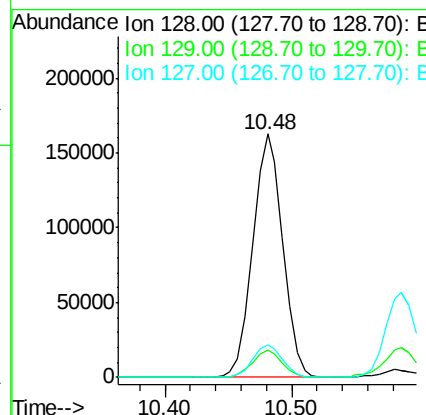
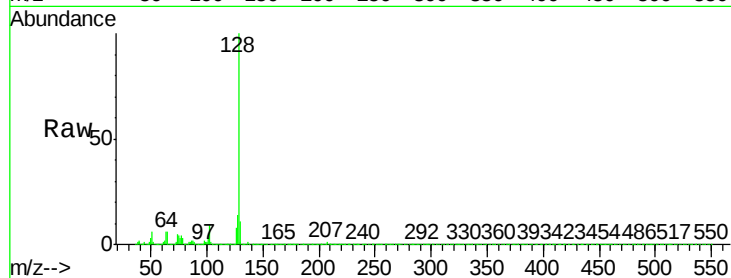
#28
Naphthalene
Concen: 2.717 ng/ul
RT: 10.48 min Scan# 1291
Delta R.T. -0.00 min
Lab File: BP001771.D
Acq: 18 Feb 2020 22:18

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-07

Tot Ion	Ratio	Resp Lower	Upper
128	100		
129	11.4	8.7	13.1
127	13.5	10.2	15.4

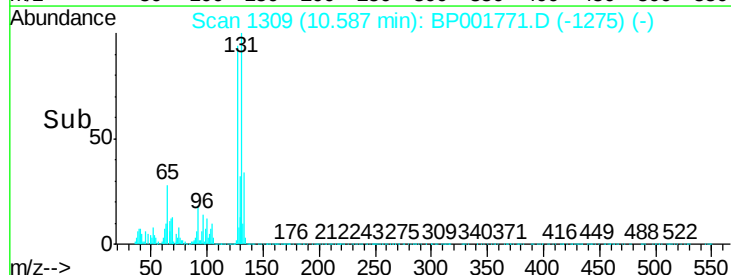
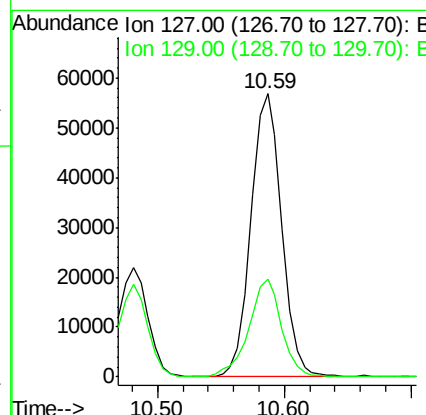
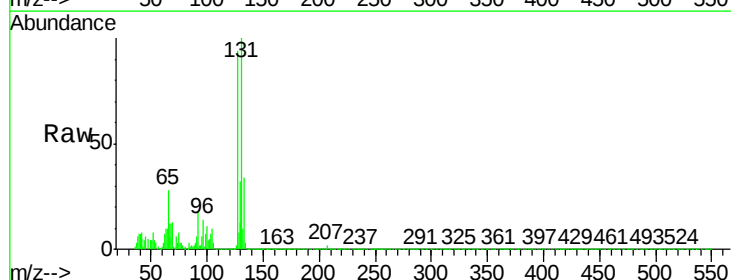
Manual Integrations
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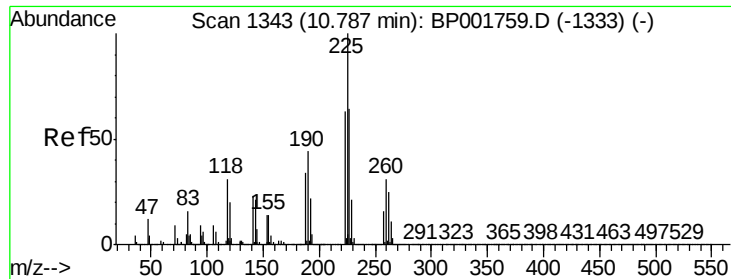
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#30
4-Chloroaniline
Concen: 3.001 ng/ul
RT: 10.59 min Scan# 1309
Delta R.T. -0.00 min
Lab File: BP001771.D
Acq: 18 Feb 2020 22:18

Tgt Ion	Ratio	Resp Lower	Upper
127	100		
129	34.5	25.8	38.6





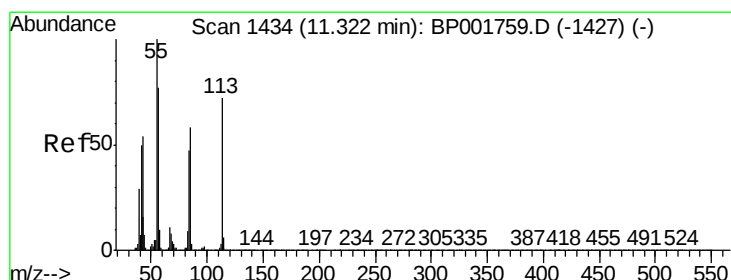
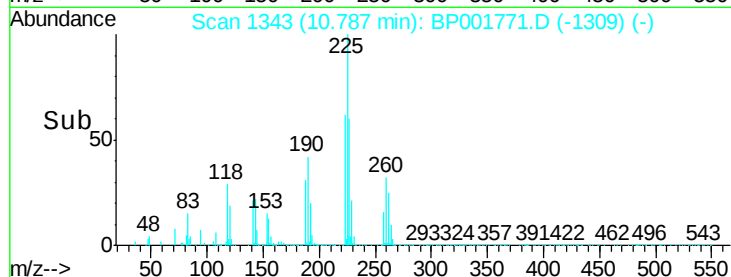
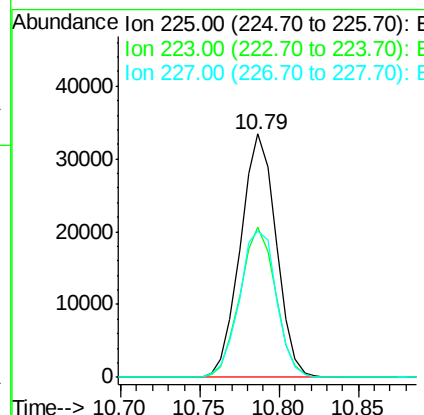
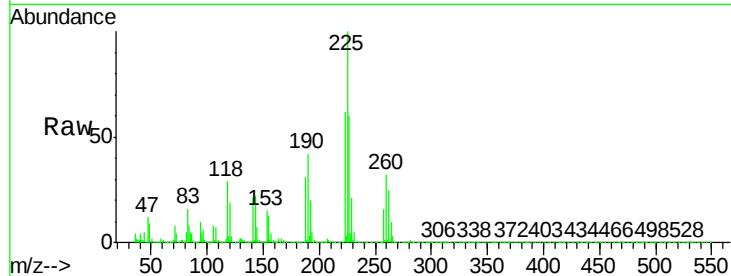
#31
Hexachlorobutadiene
Concen: 2.700 ng/ul
RT: 10.79 min Scan# 1343
Delta R.T. -0.00 min
Lab File: BP001771.D
Acq: 18 Feb 2020 22:18

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-07

Tot Ion	Ratio	Lower	Upper
225	100		
223	61.7	50.7	76.1
227	60.3	51.3	76.9

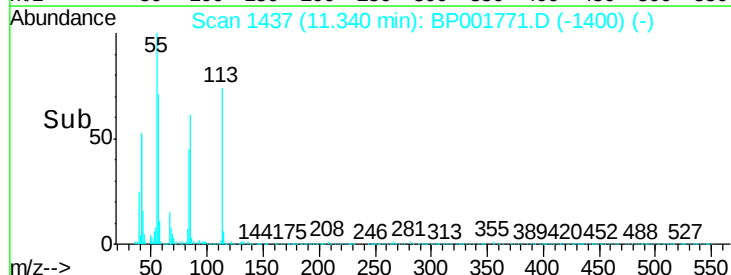
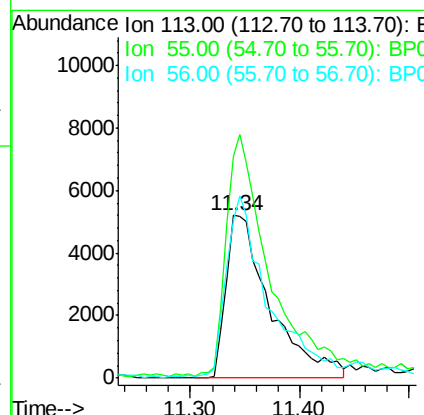
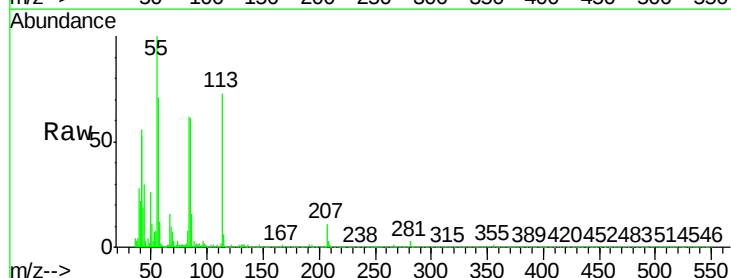
Manual Integrations
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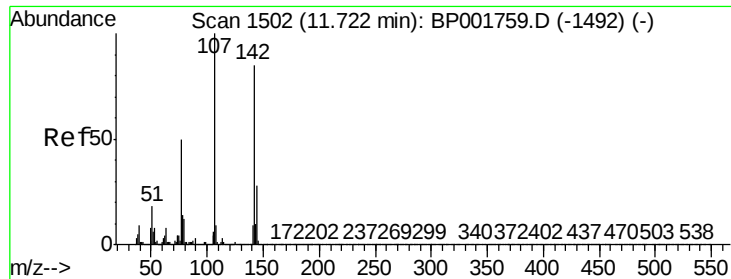
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#32
Caprolactam
Concen: 1.768 ng/ul m
RT: 11.34 min Scan# 1437
Delta R.T. 0.02 min
Lab File: BP001771.D
Acq: 18 Feb 2020 22:18

Tgt Ion	Ratio	Lower	Upper
113	100		
55	136.4	111.0	166.6
56	97.3	86.2	129.2





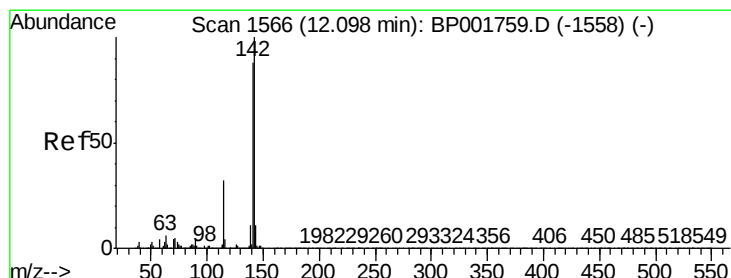
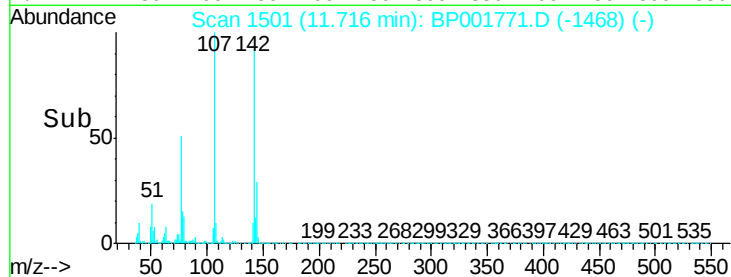
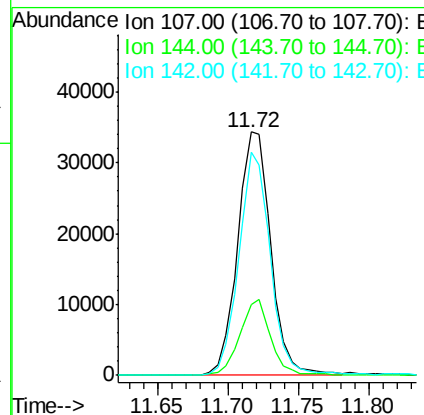
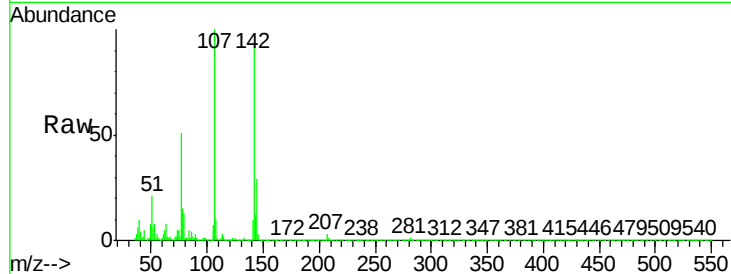
#33
4-Chloro-3-methylphenol
Concen: 2.153 ng/ul
RT: 11.72 min Scan# 1501
Delta R.T. -0.01 min
Lab File: BP001771.D
Acq: 18 Feb 2020 22:18

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-07

Tot Ion	Ratio	Lower	Upper
107	100		
144	28.9	22.3	33.5
142	91.6	68.2	102.4

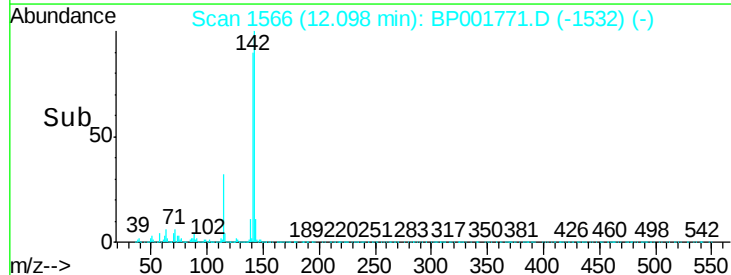
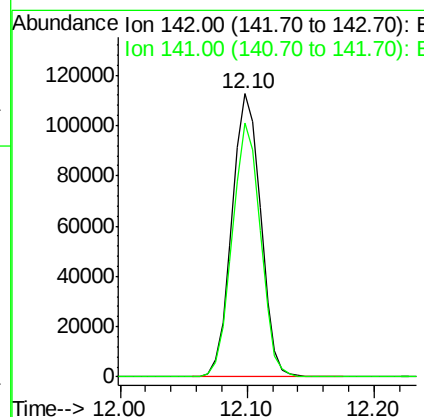
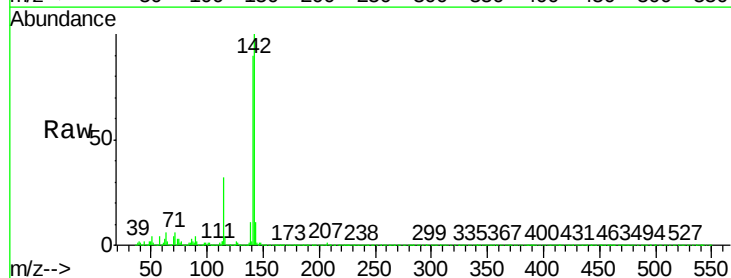
Manual Integrations
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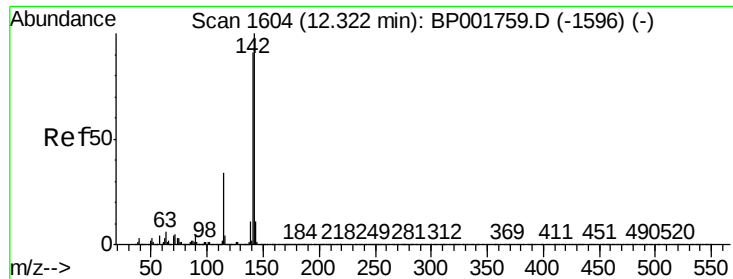
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#34
2-Methylnaphthalene
Concen: 2.612 ng/ul
RT: 12.10 min Scan# 1566
Delta R.T. -0.00 min
Lab File: BP001771.D
Acq: 18 Feb 2020 22:18

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.7	70.2	105.4





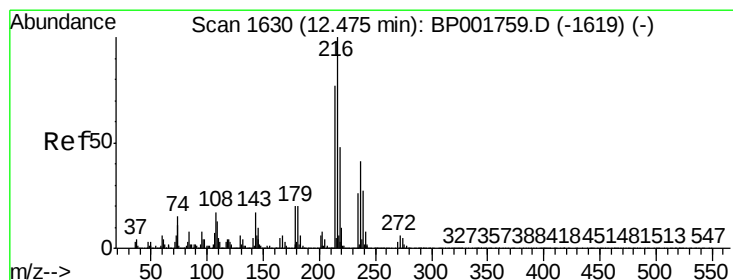
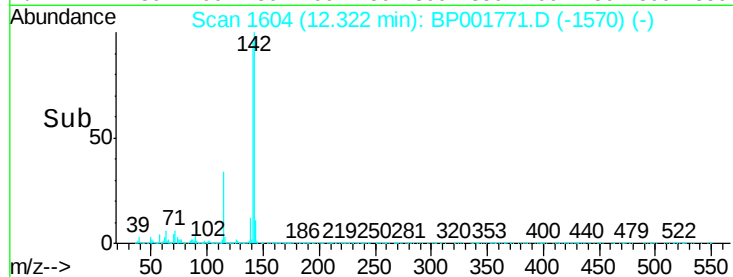
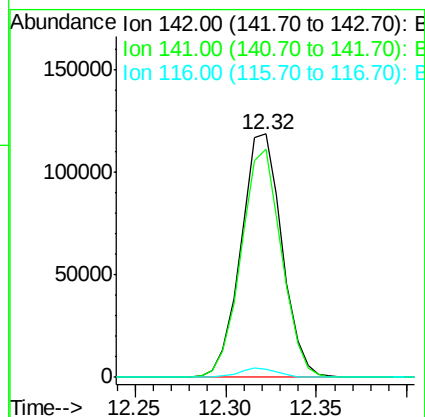
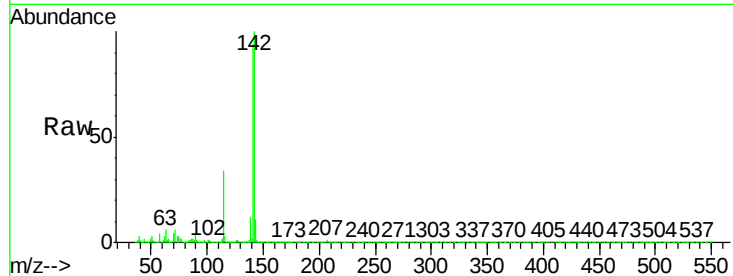
#35
1-Methylnaphthalene
Concen: 2.797 ng/ul
RT: 12.32 min Scan# 1604
Delta R.T. -0.00 min
Lab File: BP001771.D
Acq: 18 Feb 2020 22:18

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-07

Tot Ion	Ratio	Lower	Upper
142	100		
141	93.7	73.2	109.8
116	3.2	2.9	4.3

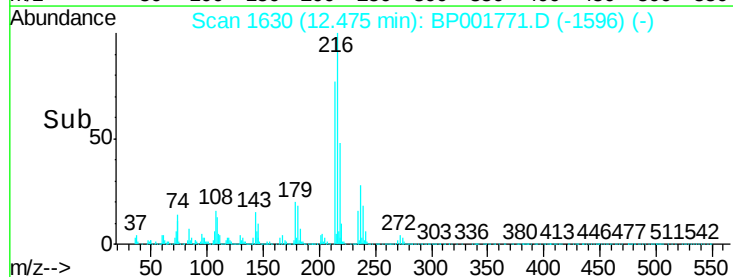
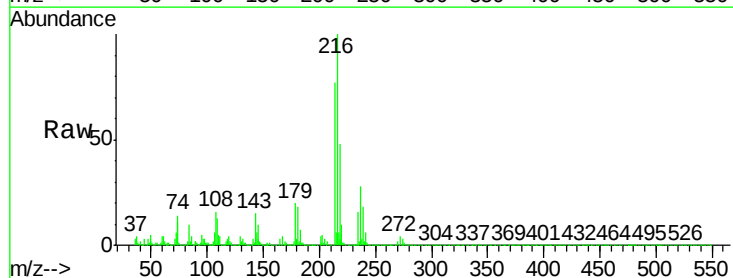
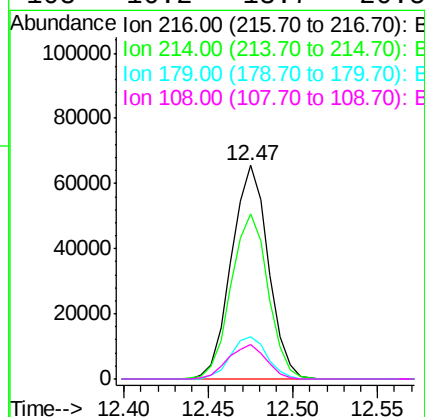
Manual Integrations
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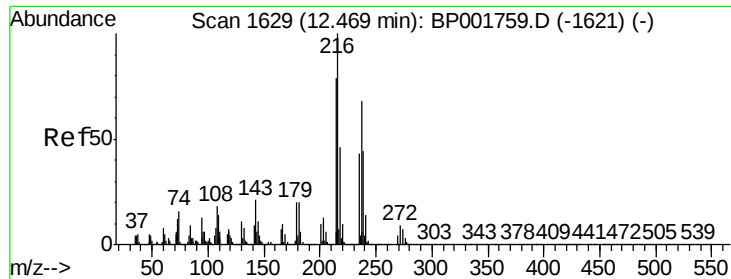
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#37
1,2,4,5-Tetrachlorobenzene
Concen: 2.672 ng/ul
RT: 12.47 min Scan# 1630
Delta R.T. -0.00 min
Lab File: BP001771.D
Acq: 18 Feb 2020 22:18

Tgt Ion	Ratio	Lower	Upper
216	100		
214	77.2	61.8	92.8
179	19.8	16.2	24.2
108	16.2	13.7	20.5





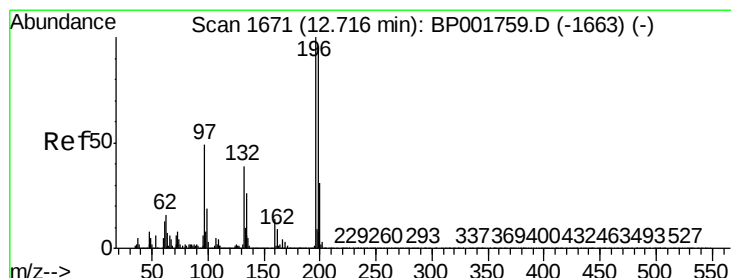
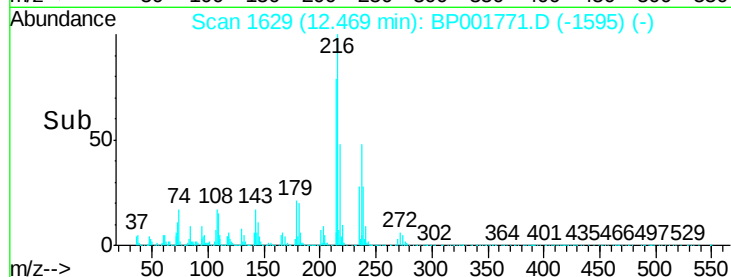
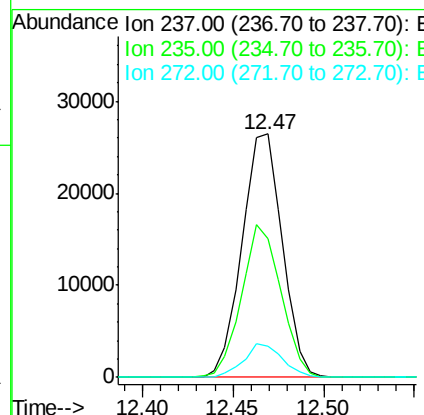
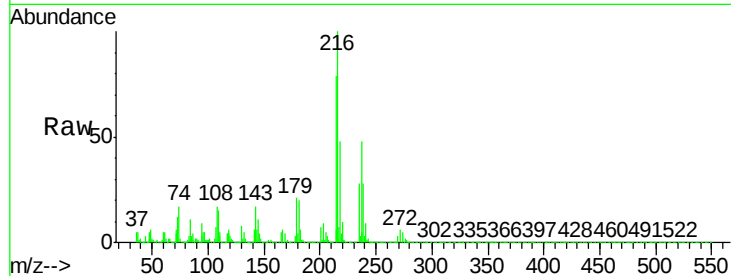
#38
Hexachlorocyclopentadiene
Concen: 2.025 ng/ul
RT: 12.47 min Scan# 1629
Delta R.T. -0.00 min
Lab File: BP001771.D
Acq: 18 Feb 2020 22:18

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-07

Tot Ion	Ratio	Lower	Upper
237	100		
235	57.2	50.2	75.4
272	12.8	10.7	16.1

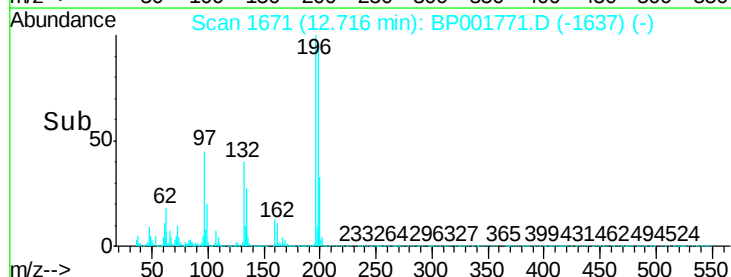
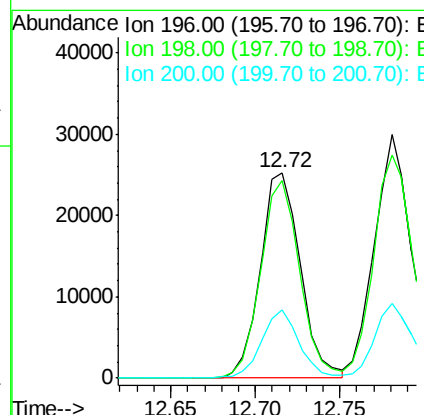
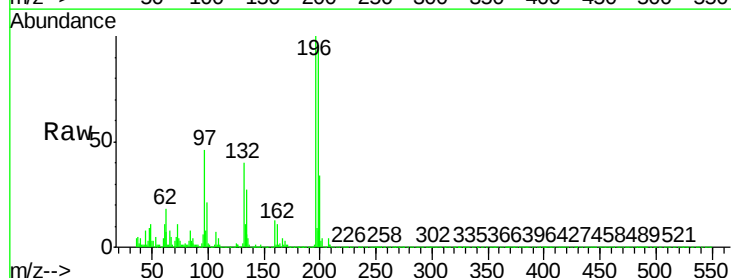
Manual Integrations
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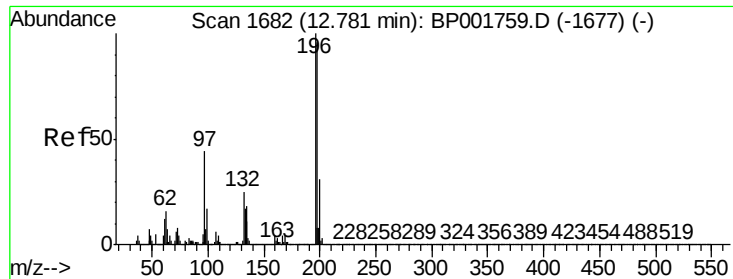
Sohil
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#39
2,4,6-Trichlorophenol
Concen: 2.089 ng/ul
RT: 12.72 min Scan# 1671
Delta R.T. -0.00 min
Lab File: BP001771.D
Acq: 18 Feb 2020 22:18

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.4	76.6	115.0
200	33.5	24.6	37.0





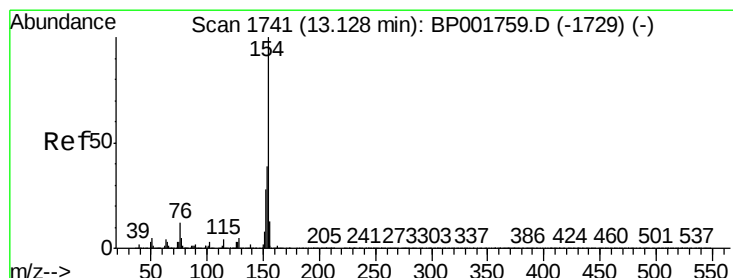
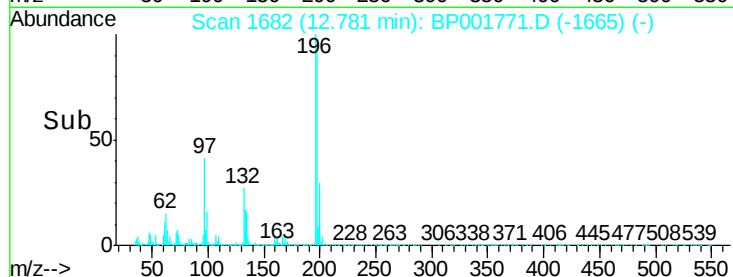
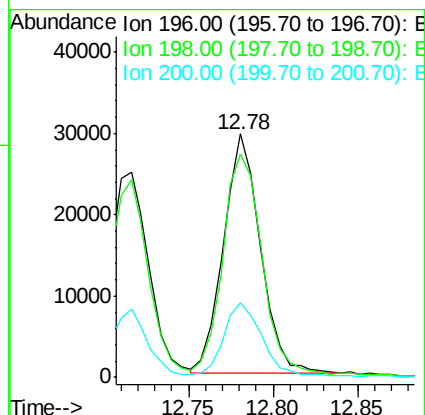
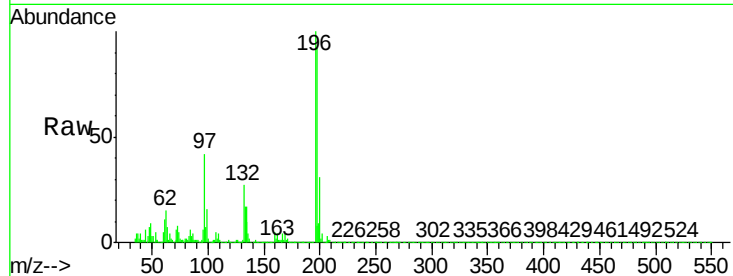
#40
2,4,5-Trichlorophenol
Concen: 2.045 ng/ul
RT: 12.78 min Scan# 1682
Delta R.T. -0.00 min
Lab File: BP001771.D
Acq: 18 Feb 2020 22:18

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-07

Tot Ion	Ratio	Resp	Lower	Upper
196	100	44855		
198	91.6	77.2	115.8	
200	30.7	24.7	37.1	

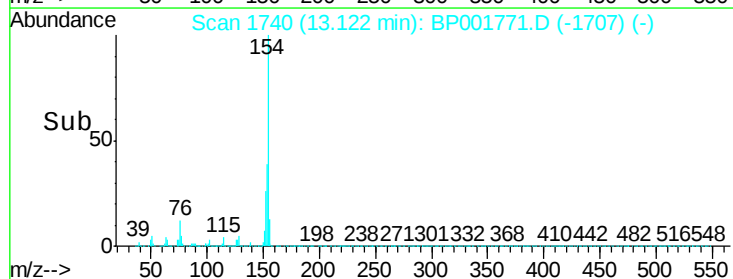
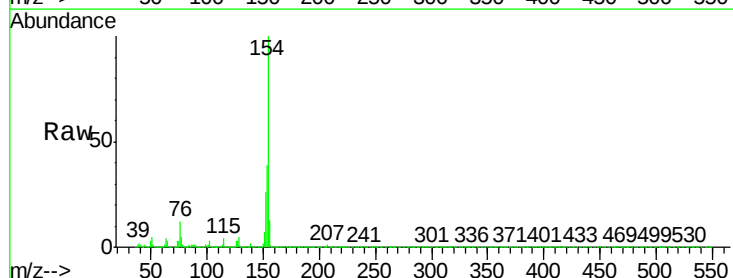
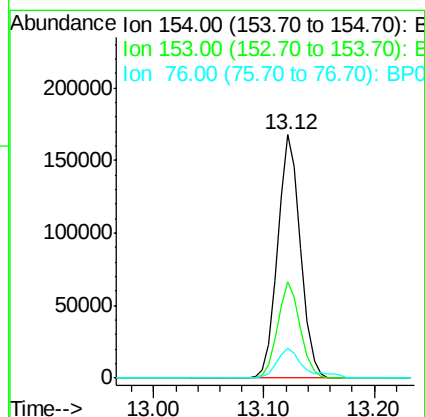
Manual Integrations
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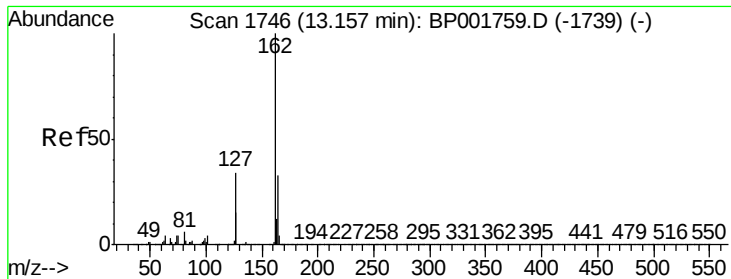
Sohil
2/19/2020 4:39:42 PM



#41
1,1'-Biphenyl
Concen: 2.706 ng/ul
RT: 13.12 min Scan# 1740
Delta R.T. -0.01 min
Lab File: BP001771.D
Acq: 18 Feb 2020 22:18

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	241449		
153	39.5	31.5	47.3	
76	12.4	9.4	14.2	





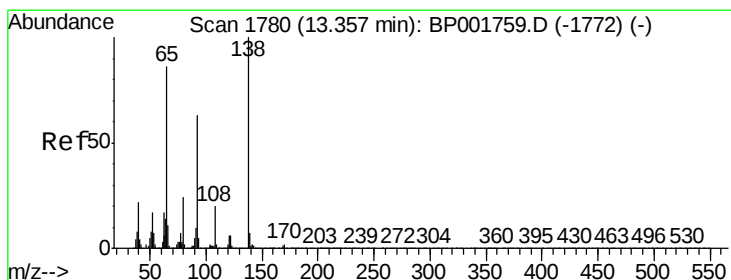
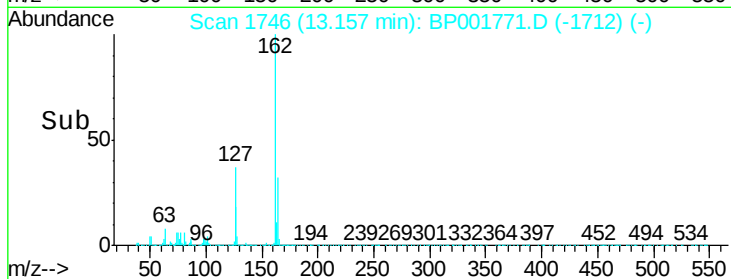
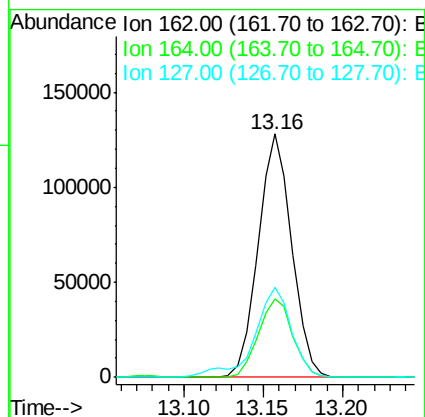
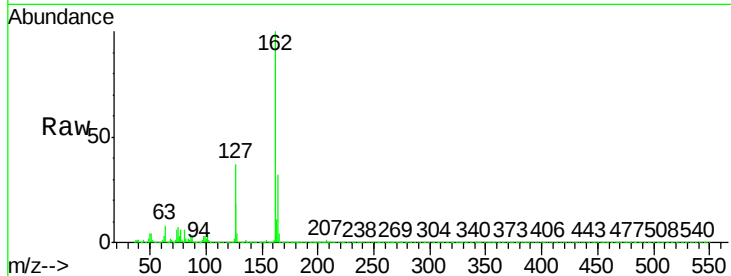
#42
2-Chloronaphthalene
Concen: 2.668 ng/ul
RT: 13.16 min Scan# 1746
Delta R.T. -0.00 min
Lab File: BP001771.D
Acq: 18 Feb 2020 22:18

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-07

Tot Ion	Ratio	Lower	Upper
162	100		
164	32.4	26.4	39.6
127	37.1	29.7	44.5

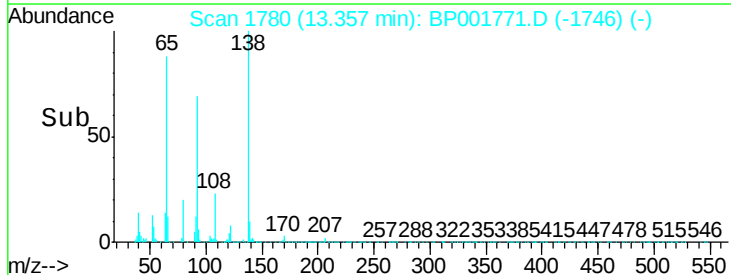
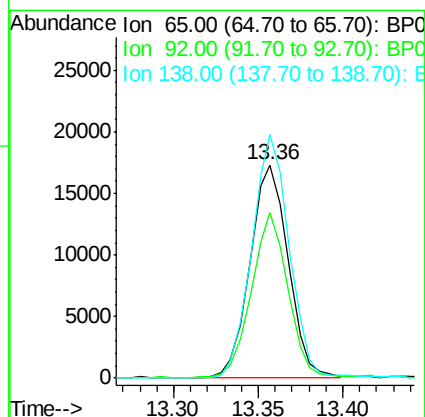
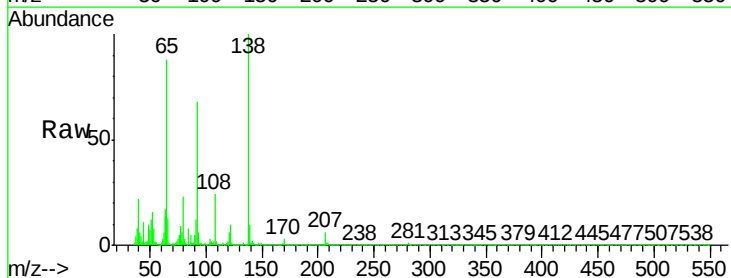
Manual Integrations
APPROVED

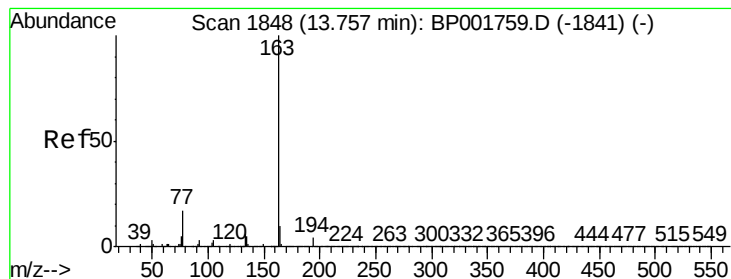
Sohil
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#43
2-Nitroaniline
Concen: 1.923 ng/ul
RT: 13.36 min Scan# 1780
Delta R.T. -0.00 min
Lab File: BP001771.D
Acq: 18 Feb 2020 22:18

Tgt Ion	Ratio	Lower	Upper
65	100		
92	77.6	59.1	88.7
138	114.1	93.4	140.0





#45

Dimethylphthalate

Concen: 2.687 ng/ul

RT: 13.75 min Scan# 1847

Delta R.T. -0.01 min

Lab File: BP001771.D

Acq: 18 Feb 2020 22:18

Instrument :

BNA_P

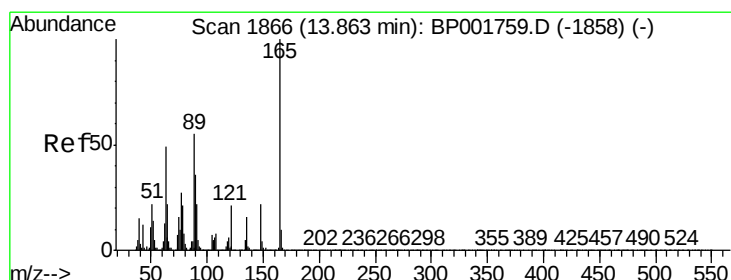
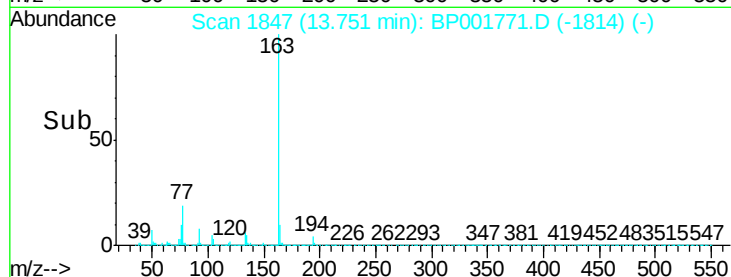
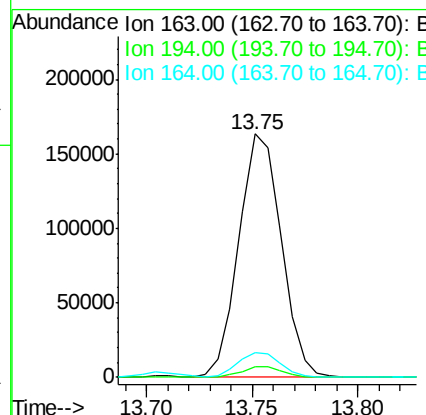
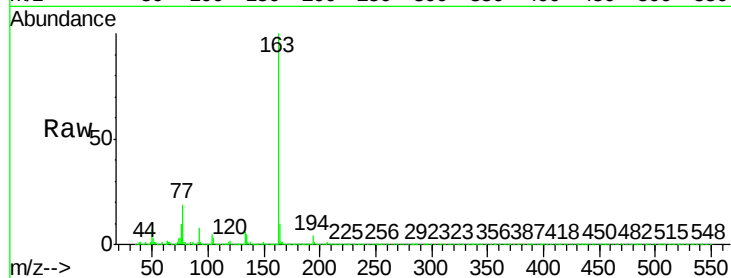
ClientSampled :

MDL-SOIL-07

Tot Ion:	163	Resp:	227159
Ion Ratio	Lower	Upper	
163	100		
194	4.4	3.5	5.3
164	10.0	8.0	12.0

Manual Integrations
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#46

2,6-Dinitrotoluene

Concen: 1.909 ng/ul

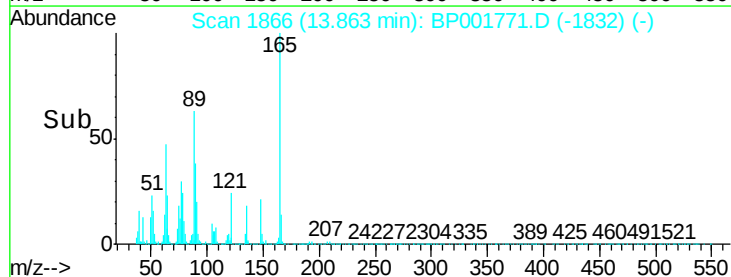
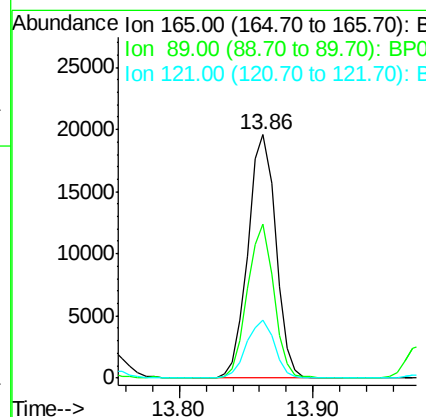
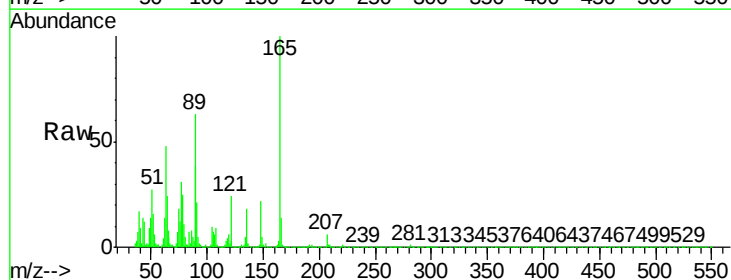
RT: 13.86 min Scan# 1866

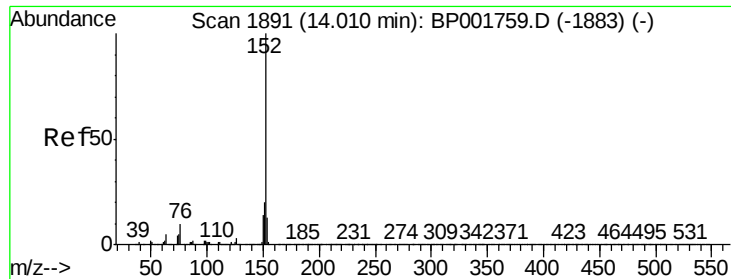
Delta R.T. -0.00 min

Lab File: BP001771.D

Acq: 18 Feb 2020 22:18

Tgt Ion:	165	Resp:	28115
Ion Ratio	Lower	Upper	
165	100		
89	63.5	43.9	65.9
121	23.7	16.7	25.1





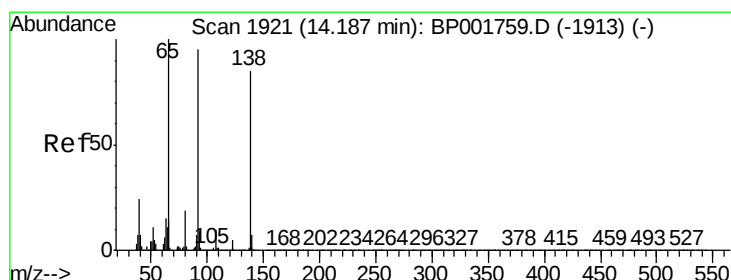
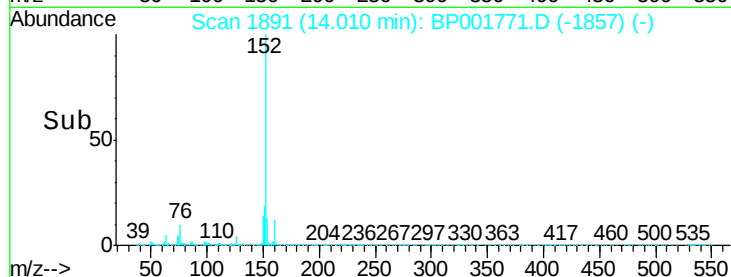
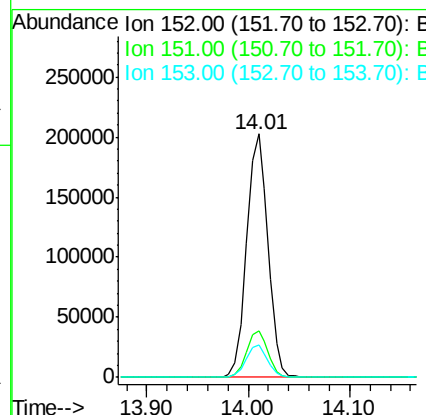
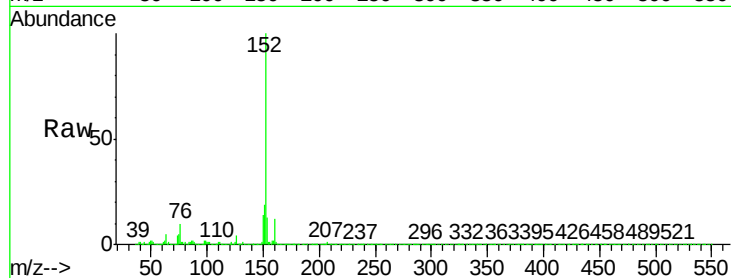
#48
Acenaphthylene
Concen: 2.743 ng/ul
RT: 14.01 min Scan# 1891
Delta R.T. -0.00 min
Lab File: BP001771.D
Acq: 18 Feb 2020 22:18

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-07

Tot Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.7	23.5
153	13.1	10.7	16.1

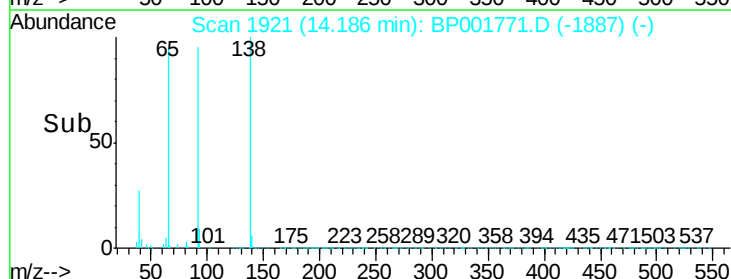
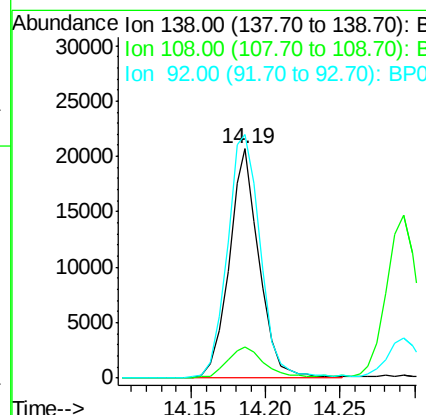
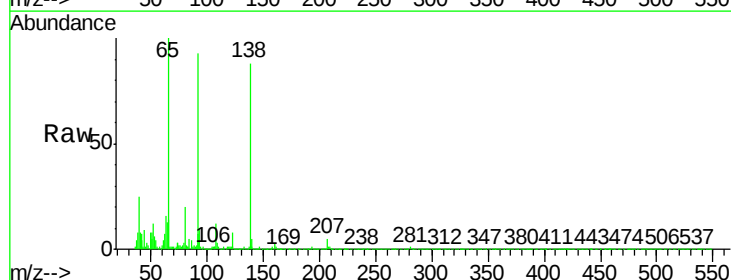
Manual Integrations
APPROVED

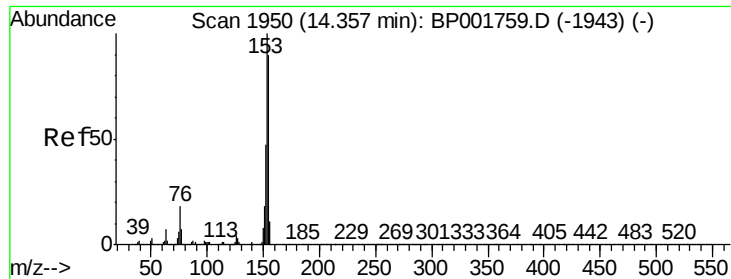
Sohil
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#49
3-Nitroaniline
Concen: 1.934 ng/ul
RT: 14.19 min Scan# 1921
Delta R.T. -0.00 min
Lab File: BP001771.D
Acq: 18 Feb 2020 22:18

Tgt Ion	Ratio	Lower	Upper
138	100		
108	13.9	9.9	14.9
92	106.3	88.9	133.3





#50

Acenaphthene

Concen: 2.668 ng/ul

RT: 14.36 min Scan# 1950

Delta R.T. -0.00 min

Lab File: BP001771.D

Acq: 18 Feb 2020 22:18

Instrument :

BNA_P

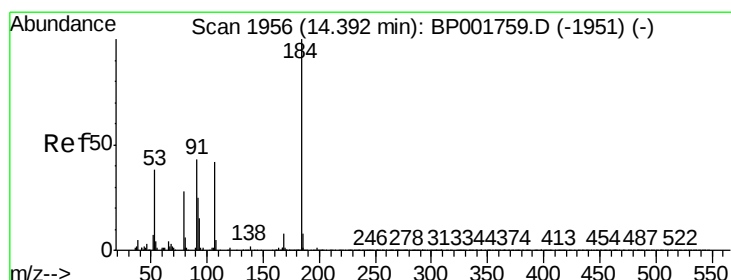
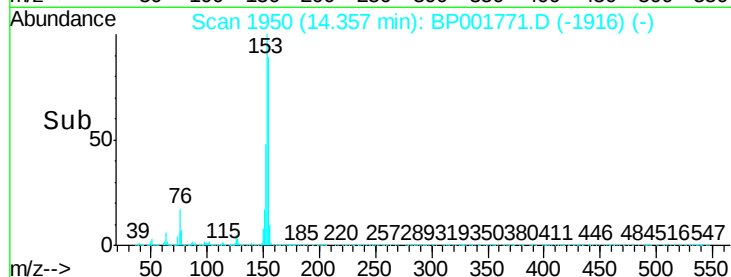
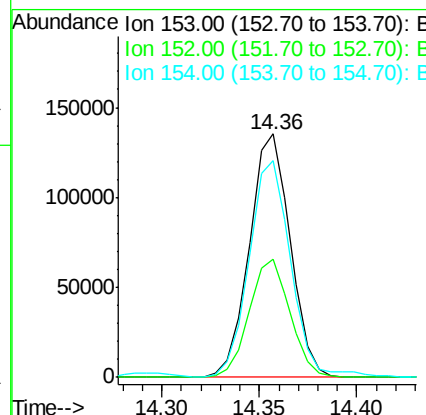
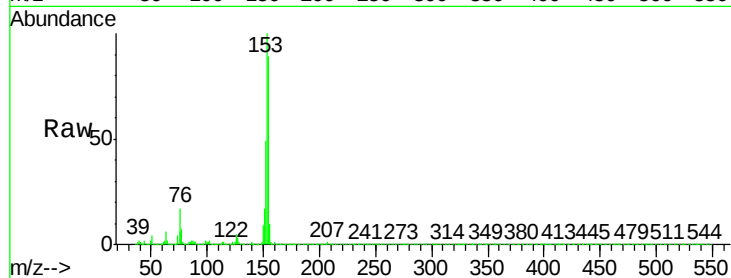
ClientSampleId :

MDL-SOIL-07

Tot Ion:	153	Resp:	195598
Ion Ratio	Lower	Upper	
153	100		
152	48.5	37.8	56.8
154	88.8	71.9	107.9

Manual Integrations
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#51

2,4-Dinitrophenol

Concen: 1.275 ng/ul

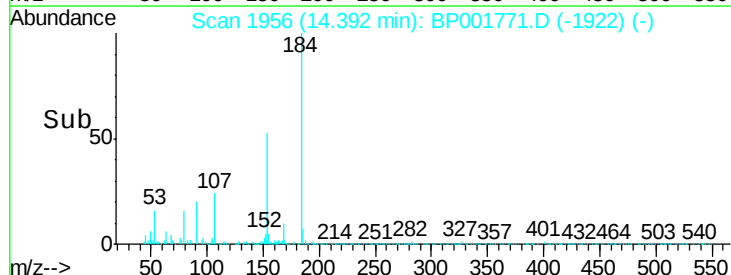
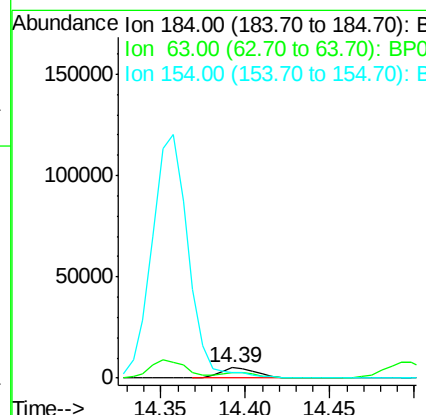
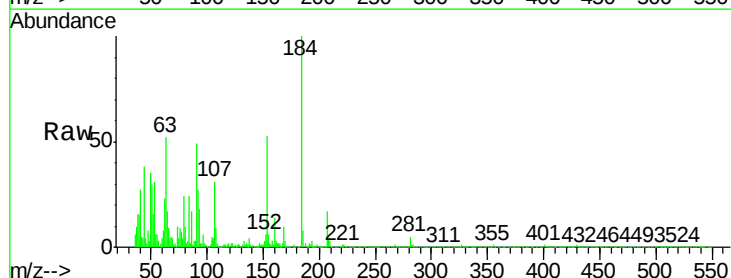
RT: 14.39 min Scan# 1956

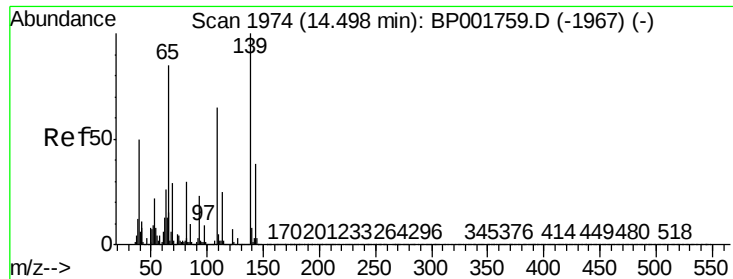
Delta R.T. -0.00 min

Lab File: BP001771.D

Acq: 18 Feb 2020 22:18

Tgt Ion:	184	Resp:	7791
Ion Ratio	Lower	Upper	
184	100		
63	52.4	45.9	68.9
154	53.4	47.3	70.9





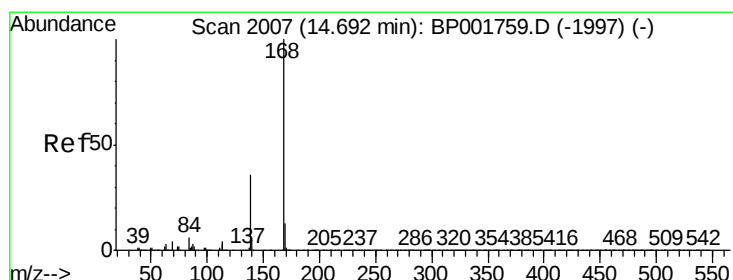
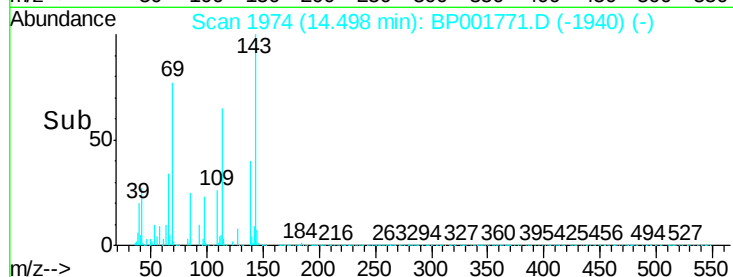
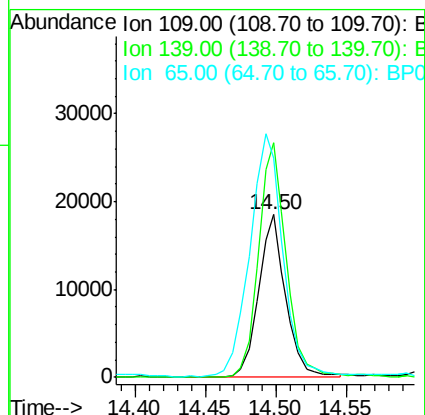
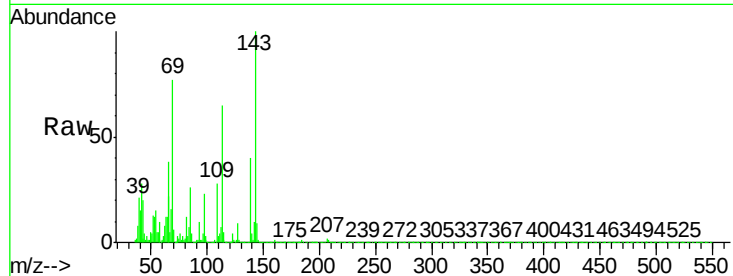
#53
4-Nitrophenol
Concen: 2.407 ng/ul
RT: 14.50 min Scan# 1974
Delta R.T. -0.00 min
Lab File: BP001771.D
Acq: 18 Feb 2020 22:18

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-07

Tot Ion	Ratio	Lower	Upper
109	100		
139	144.8	123.1	184.7
65	134.8	105.0	157.6

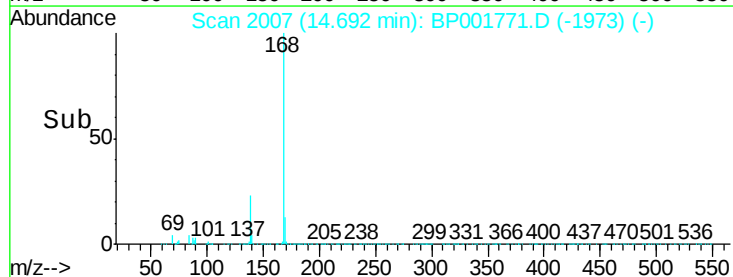
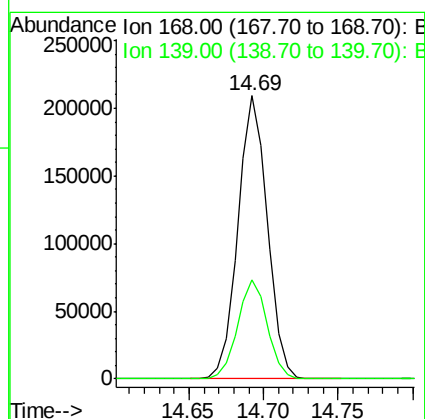
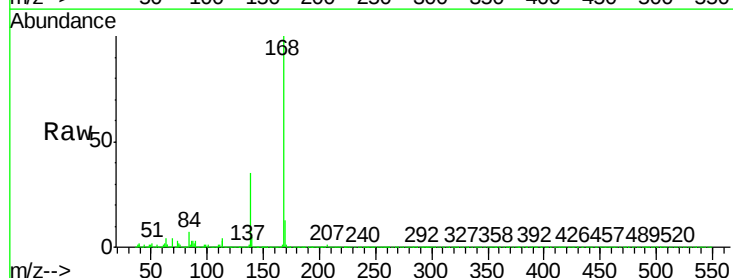
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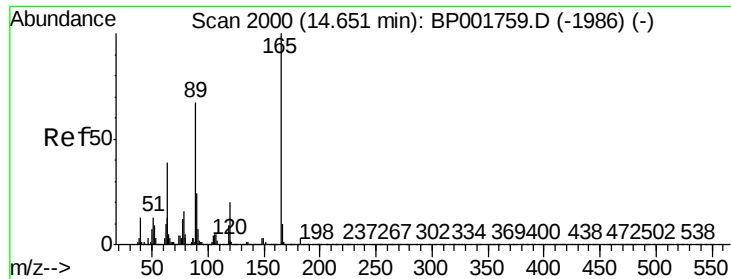
Sohil
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#54
Dibenzofuran
Concen: 2.772 ng/ul
RT: 14.69 min Scan# 2007
Delta R.T. -0.00 min
Lab File: BP001771.D
Acq: 18 Feb 2020 22:18

Tgt Ion	Ratio	Lower	Upper
168	100		
139	34.8	28.6	43.0





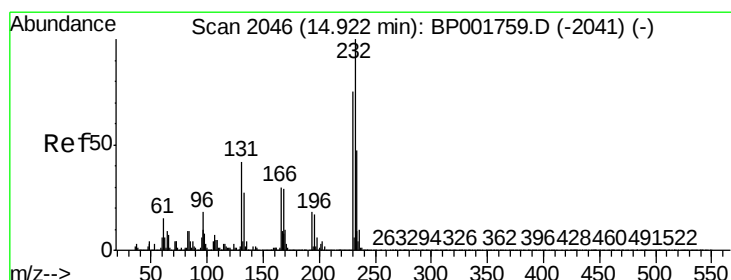
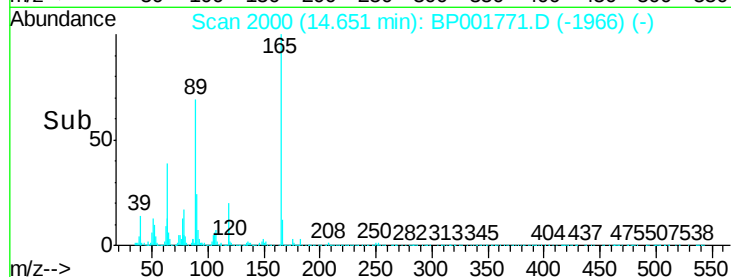
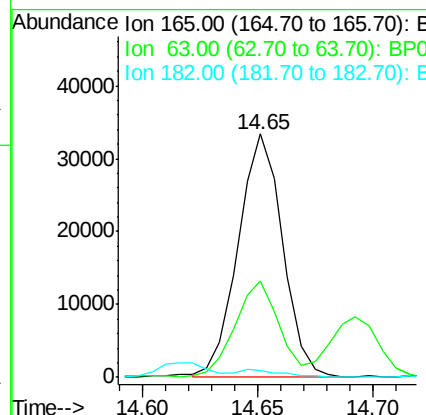
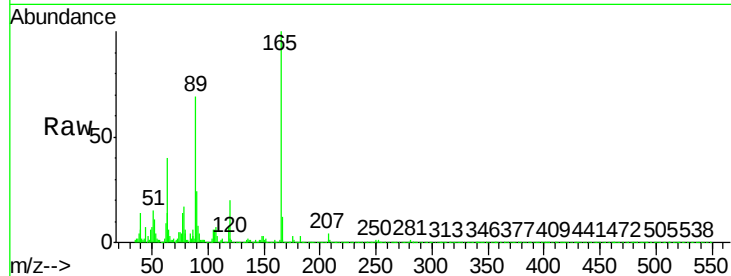
#55
2,4-Dinitrotoluene
Concen: 2.072 ng/ul
RT: 14.65 min Scan# 2000
Delta R.T. -0.00 min
Lab File: BP001771.D
Acq: 18 Feb 2020 22:18

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-07

Tot Ion	Ratio	Lower	Upper
165	100		
63	39.8	31.0	46.6
182	2.7	2.4	3.6

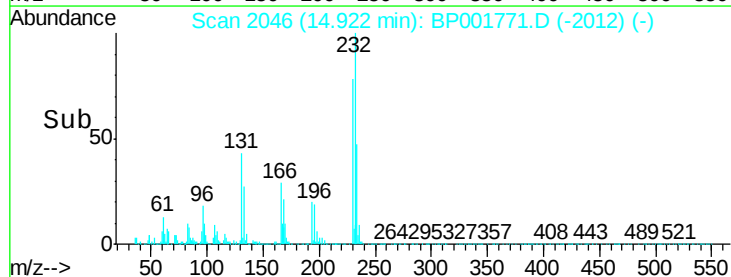
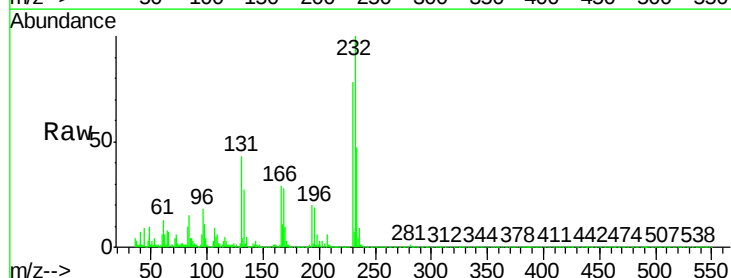
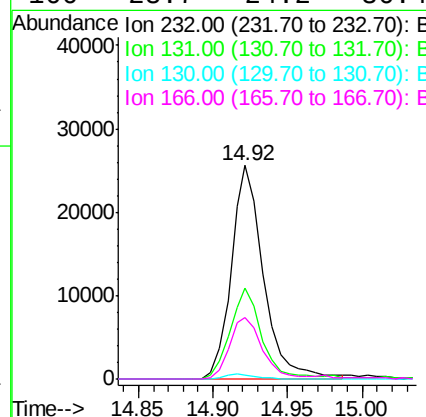
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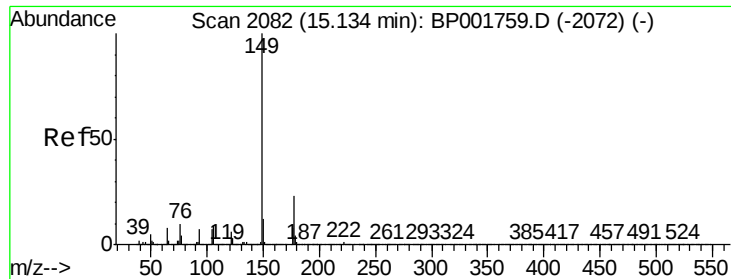
Sohil
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#56
2,3,4,6-Tetrachlorophenol
Concen: 2.187 ng/ul
RT: 14.92 min Scan# 2046
Delta R.T. -0.00 min
Lab File: BP001771.D
Acq: 18 Feb 2020 22:18

Tgt Ion	Ratio	Lower	Upper
232	100		
131	42.9	34.1	51.1
130	1.9	1.8	2.6
166	28.7	24.2	36.4





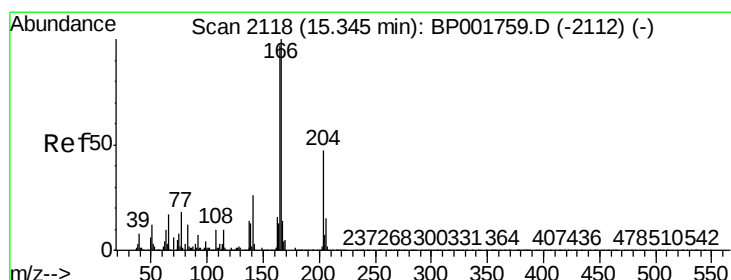
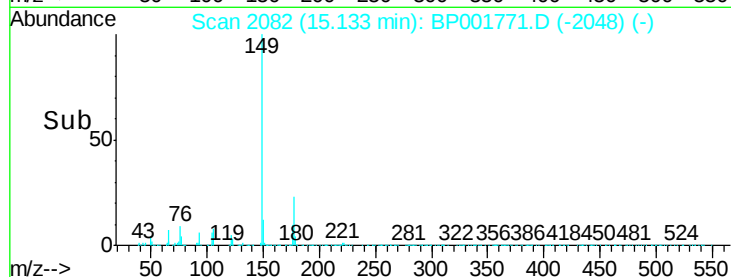
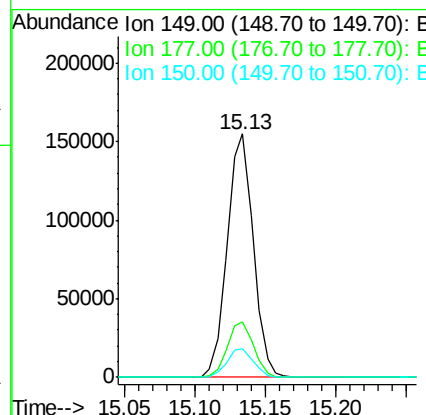
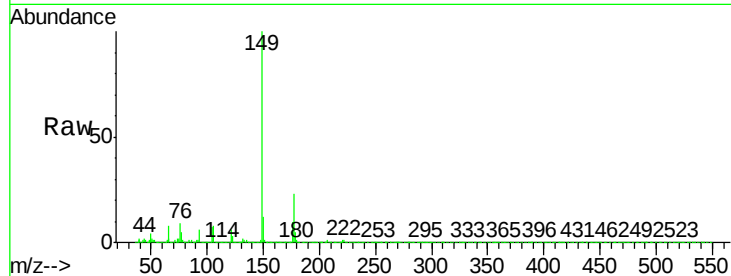
#57
Diethylphthalate
Concen: 2.449 ng/ul
RT: 15.13 min Scan# 2082
Delta R.T. -0.00 min
Lab File: BP001771.D
Acq: 18 Feb 2020 22:18

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-07

Tot Ion	Ratio	Resp	Lower	Upper
149	100	197956		
177	22.7	18.1	27.1	
150	12.0	9.8	14.8	

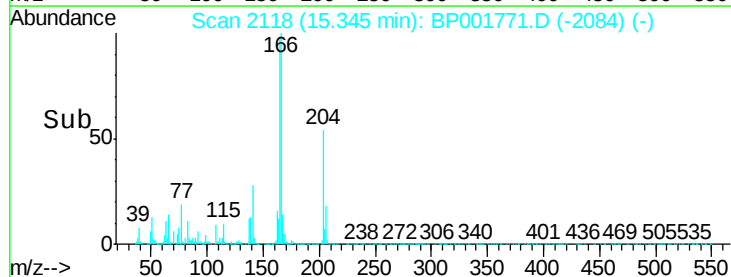
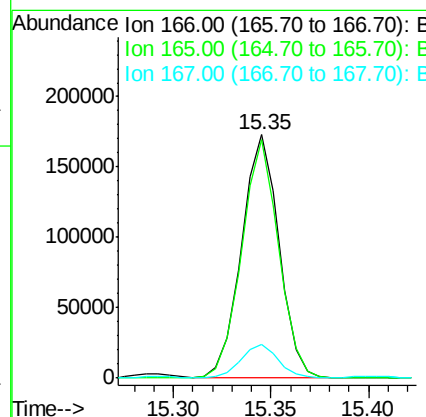
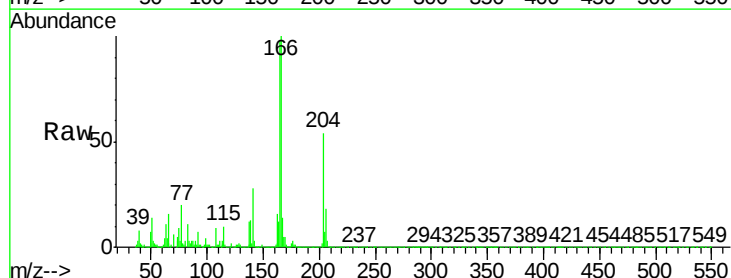
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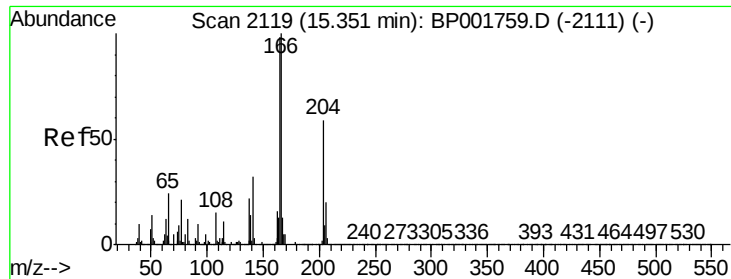
Sohil
2/19/2020 4:39:42 PM



#59
Fluorene
Concen: 2.793 ng/ul
RT: 15.35 min Scan# 2118
Delta R.T. -0.00 min
Lab File: BP001771.D
Acq: 18 Feb 2020 22:18

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	229361		
165	98.0	77.3	115.9	
167	14.0	11.0	16.6	





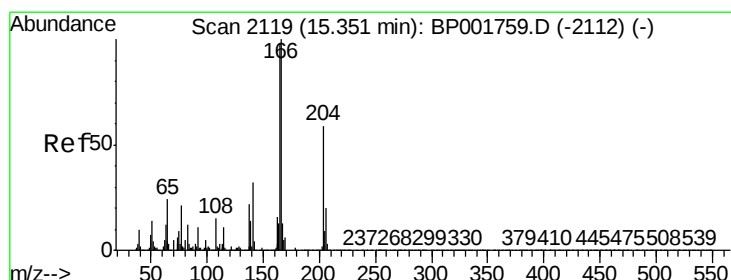
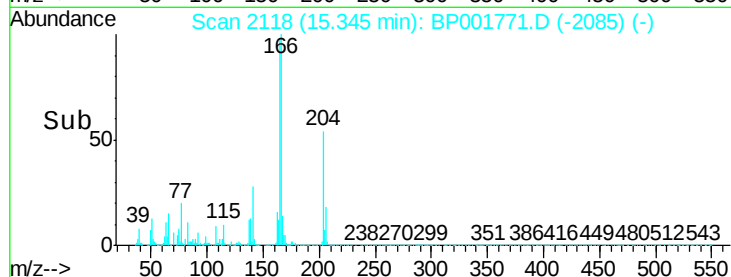
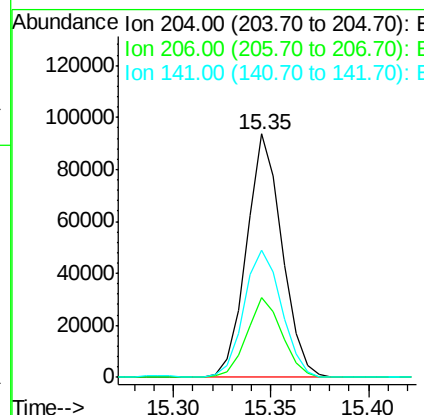
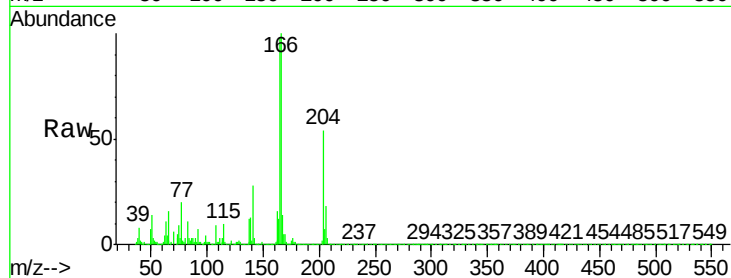
#60
4-Chlorophenyl-phenylether
Concen: 2.756 ng/ul
RT: 15.35 min Scan# 2118
Delta R.T. -0.01 min
Lab File: BP001771.D
Acq: 18 Feb 2020 22:18

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-07

Tot Ion	Ratio	Resp Lower	Upper
204	100		
206	32.9	26.6	40.0
141	52.4	43.1	64.7

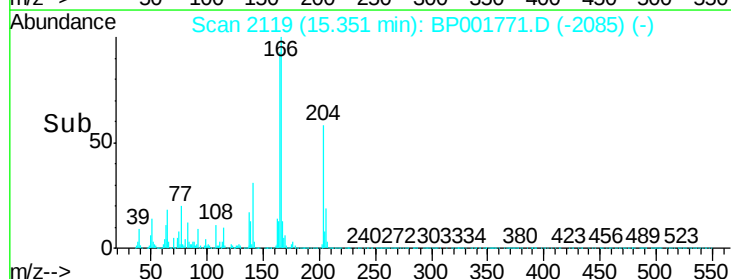
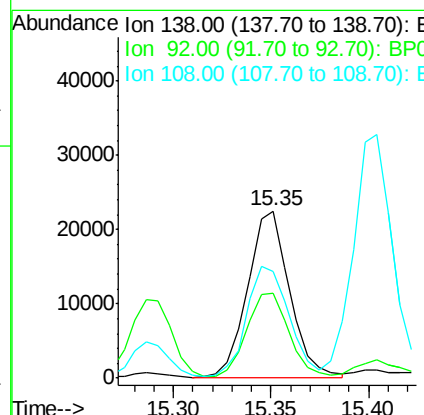
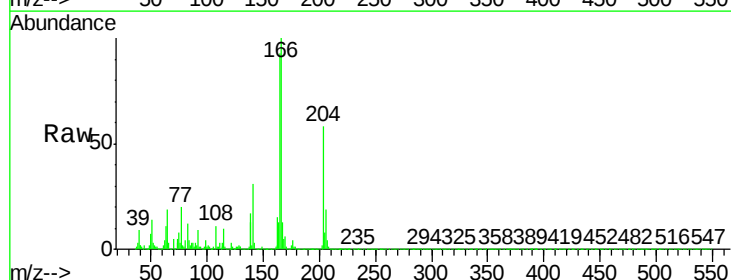
Manual Integrations
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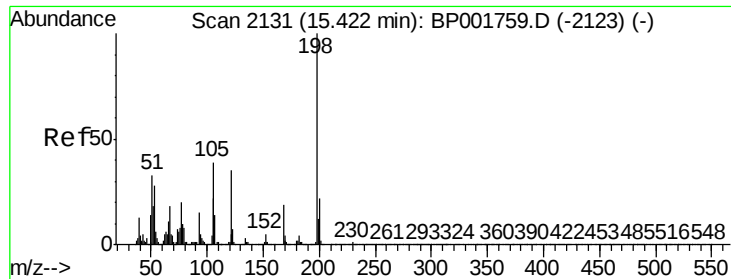
Sohil
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#61
4-Nitroaniline
Concen: 1.986 ng/ul
RT: 15.35 min Scan# 2119
Delta R.T. -0.00 min
Lab File: BP001771.D
Acq: 18 Feb 2020 22:18

Tgt Ion	Ratio	Resp Lower	Upper
138	100		
92	50.8	38.4	57.6
108	64.1	53.8	80.6





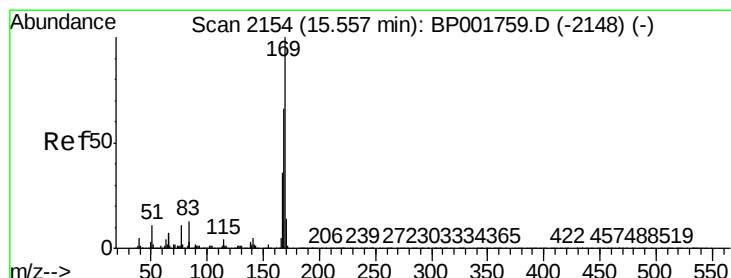
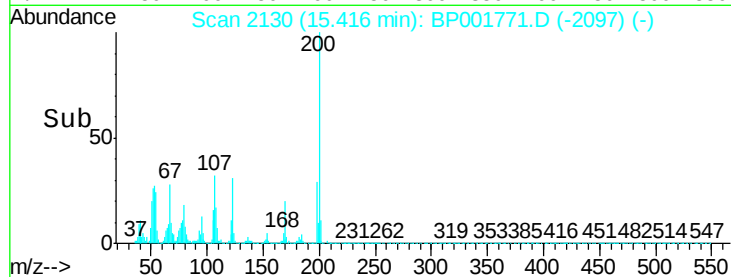
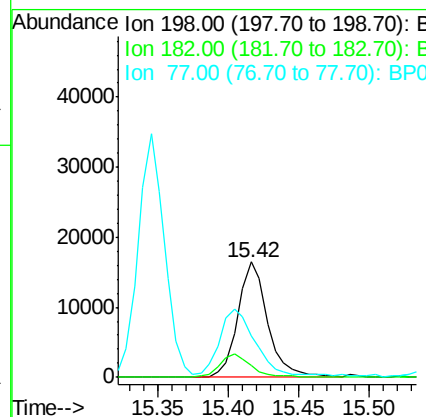
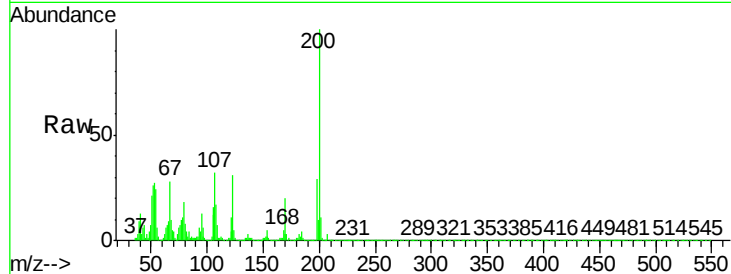
#64
4,6-Dinitro-2-methylphenol
Concen: 2.284 ng/ul
RT: 15.42 min Scan# 2130
Delta R.T. -0.01 min
Lab File: BP001771.D
Acq: 18 Feb 2020 22:18

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-07

Tot Ion	Ratio	Resp	Lower	Upper
198	100			
182	10.8	3.0	4.6#	
77	35.5	17.3	25.9#	

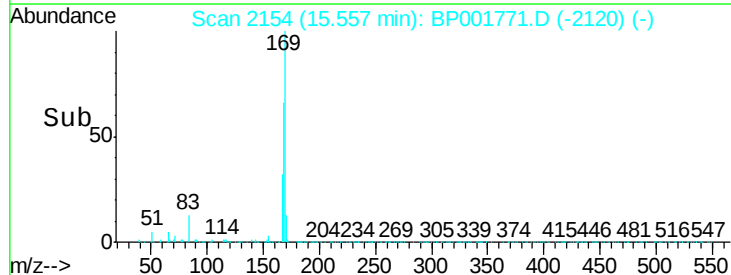
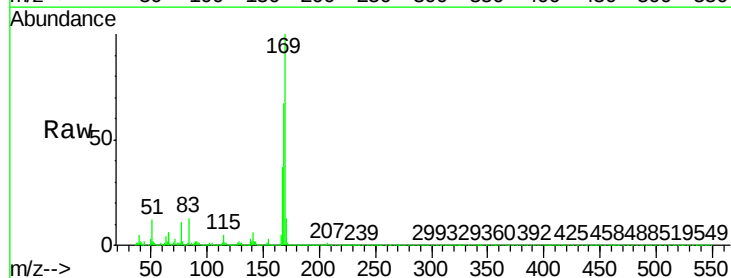
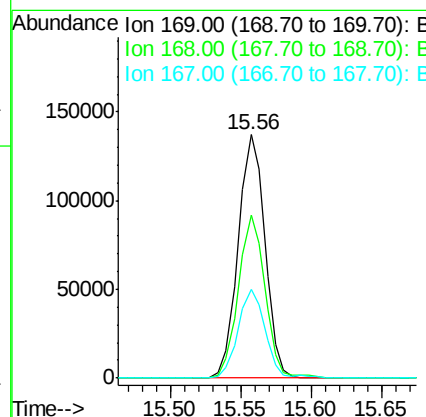
Manual Integrations
APPROVED

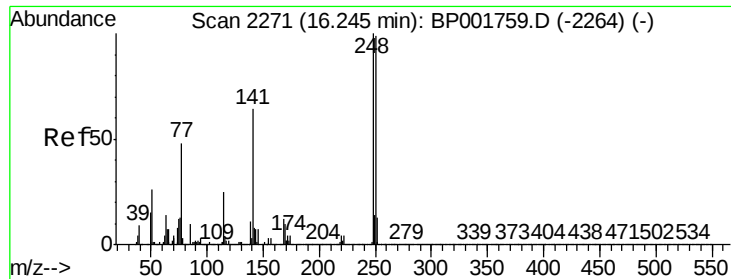
Sohil
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#65
N-Nitrosodiphenylamine
Concen: 2.598 ng/ul
RT: 15.56 min Scan# 2154
Delta R.T. -0.00 min
Lab File: BP001771.D
Acq: 18 Feb 2020 22:18

Tgt Ion	Ratio	Resp	Lower	Upper
169	100			
168	67.0	52.9	79.3	
167	36.5	28.9	43.3	





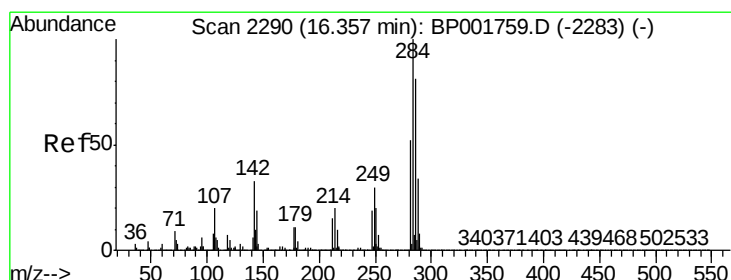
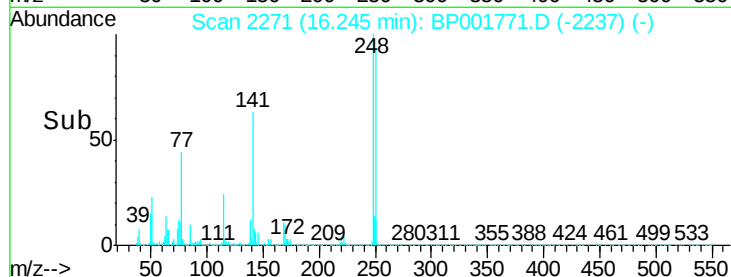
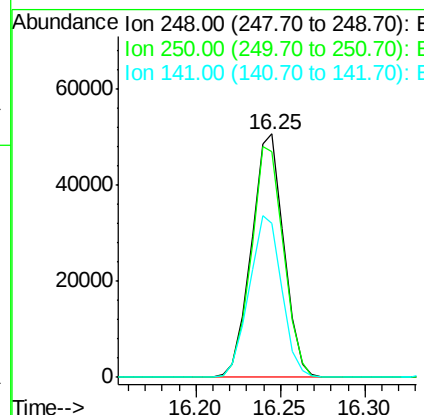
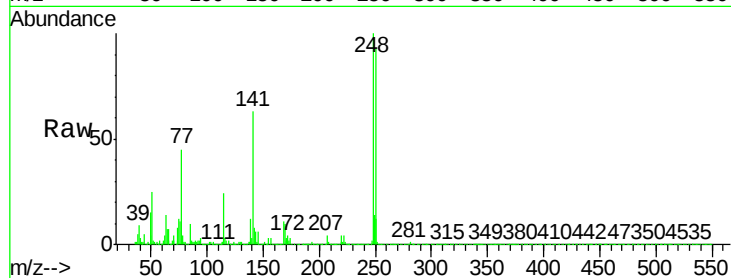
#66
4-Bromophenyl-phenylether
Concen: 2.530 ng/ul
RT: 16.25 min Scan# 2271
Delta R.T. -0.00 min
Lab File: BP001771.D
Acq: 18 Feb 2020 22:18

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-07

Tot Ion	Ratio	Lower	Upper
248	100		
250	92.7	79.2	118.8
141	63.2	51.0	76.6

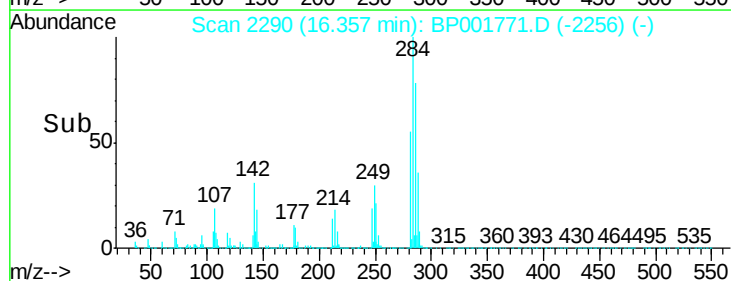
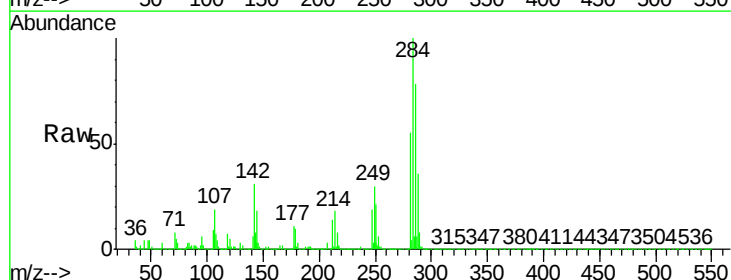
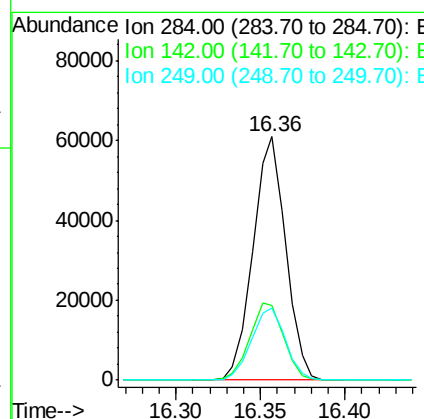
Manual Integrations
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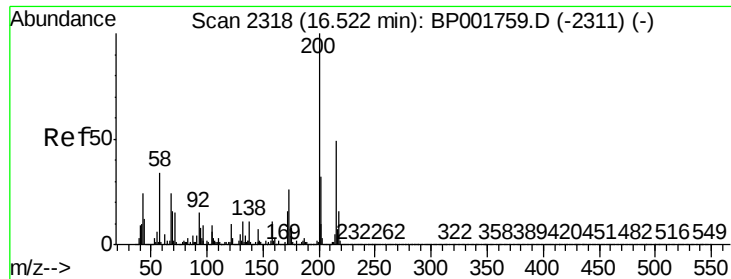
Sohil
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#67
Hexachlorobenzene
Concen: 2.661 ng/ul
RT: 16.36 min Scan# 2290
Delta R.T. -0.00 min
Lab File: BP001771.D
Acq: 18 Feb 2020 22:18

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.9	26.6	40.0
249	29.9	24.4	36.6





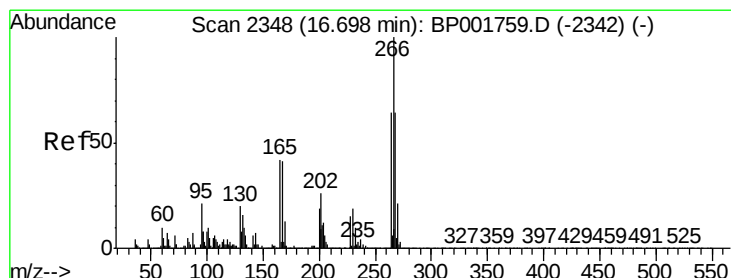
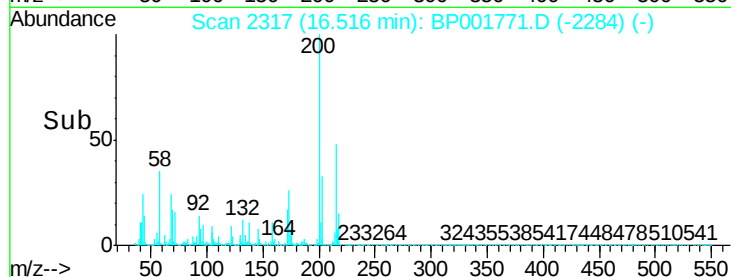
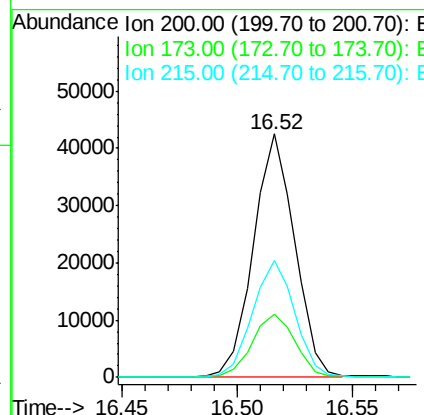
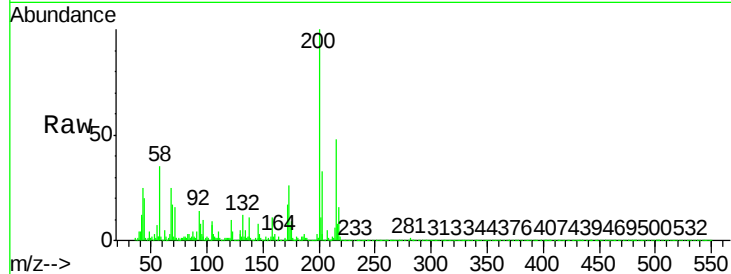
#68
Atrazine
Concen: 2.100 ng/ul
RT: 16.52 min Scan# 2317
Delta R.T. -0.01 min
Lab File: BP001771.D
Acq: 18 Feb 2020 22:18

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-07

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.1	21.0	31.4
215	47.9	38.9	58.3

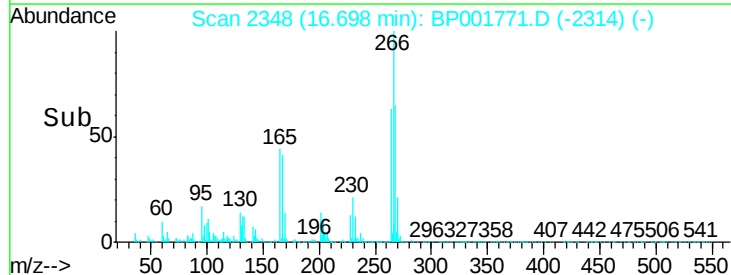
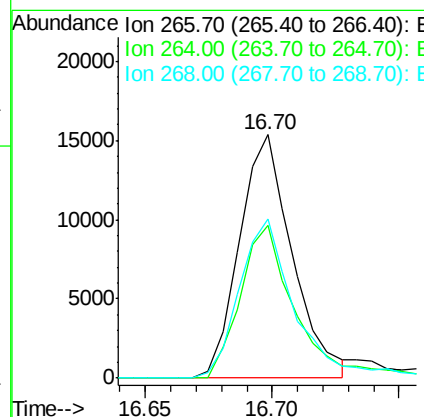
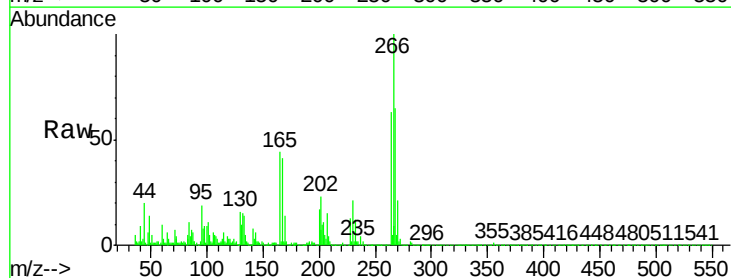
Manual Integrations
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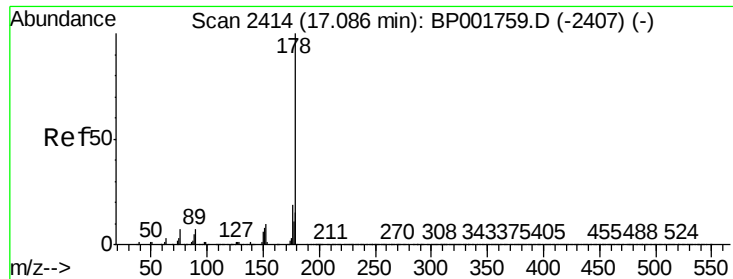
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#69
Pentachlorophenol
Concen: 1.482 ng/ul
RT: 16.70 min Scan# 2348
Delta R.T. -0.00 min
Lab File: BP001771.D
Acq: 18 Feb 2020 22:18

Tgt Ion	Ratio	Lower	Upper
266	100		
264	62.5	51.1	76.7
268	65.4	51.5	77.3





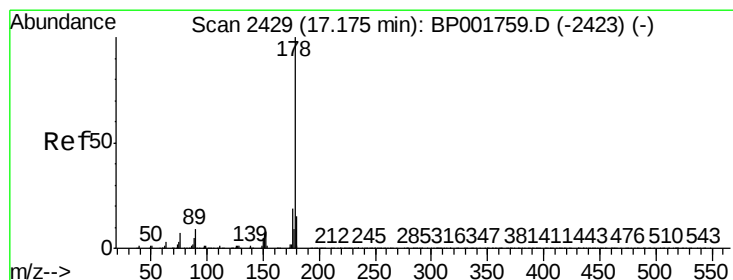
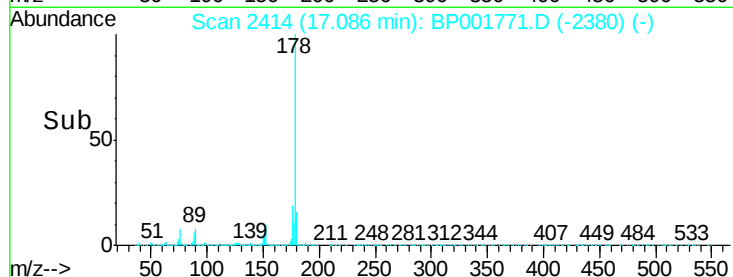
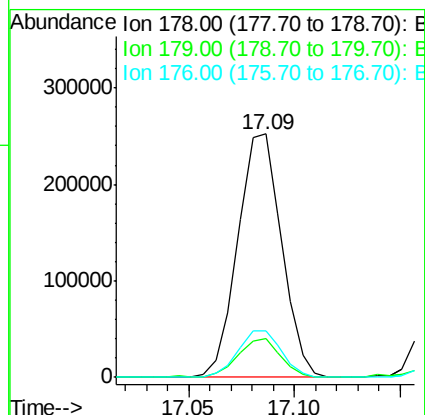
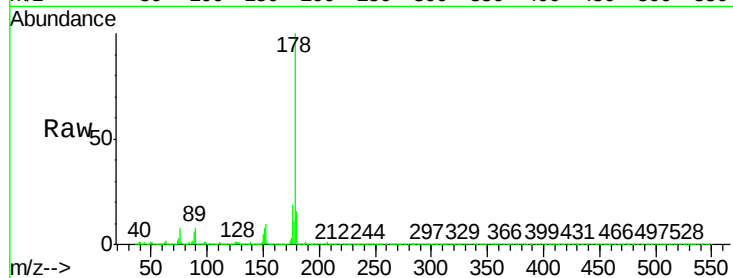
#70
Phenanthrene
Concen: 2.696 ng/ul
RT: 17.09 min Scan# 2414
Delta R.T. -0.00 min
Lab File: BP001771.D
Acq: 18 Feb 2020 22:18

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-07

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.3	18.5
176	19.2	15.3	22.9

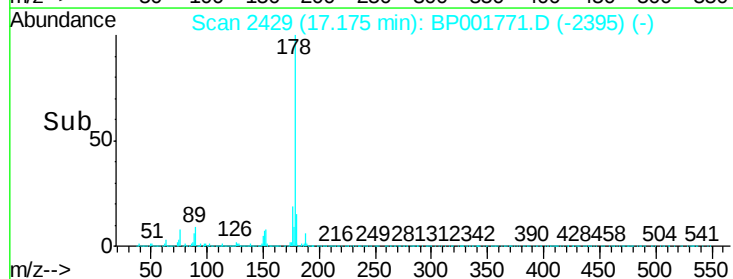
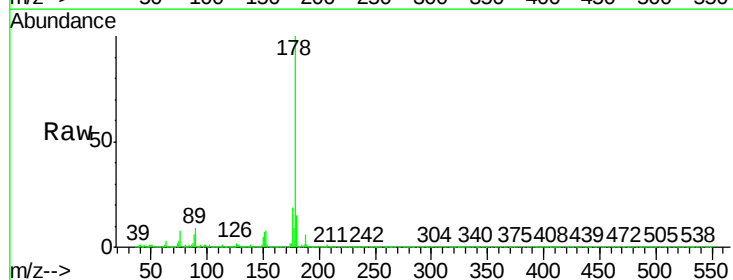
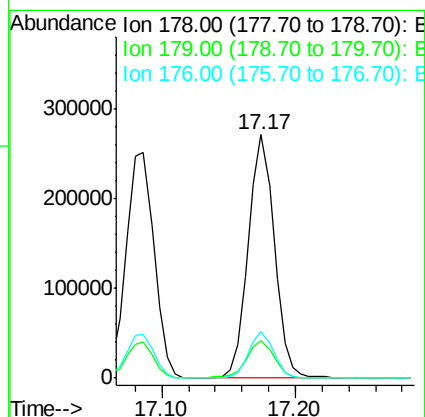
Manual Integrations
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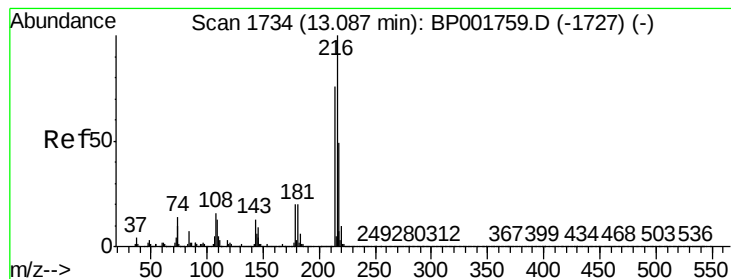
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#72
Anthracene
Concen: 2.745 ng/ul
RT: 17.17 min Scan# 2429
Delta R.T. -0.00 min
Lab File: BP001771.D
Acq: 18 Feb 2020 22:18

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.4	18.6
176	19.3	14.8	22.2





#73

1,2,3,4-Tetrachlorobenzene

Concen: 2.733 ng/uL

RT: 13.09 min Scan# 1734

Delta R.T. -0.00 min

Lab File: BP001771.D

Acq: 18 Feb 2020 22:18

Instrument :

BNA_P

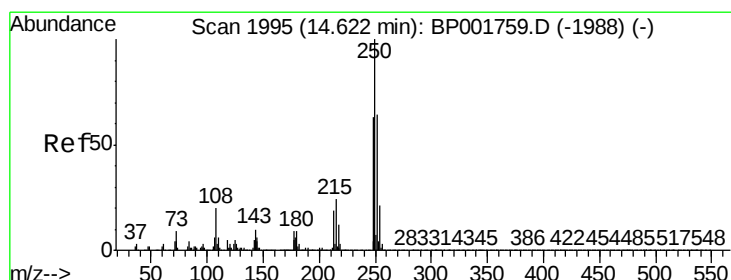
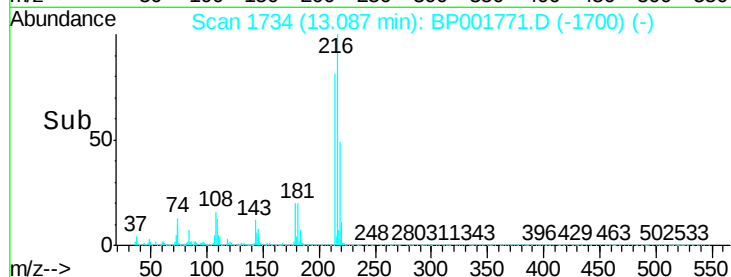
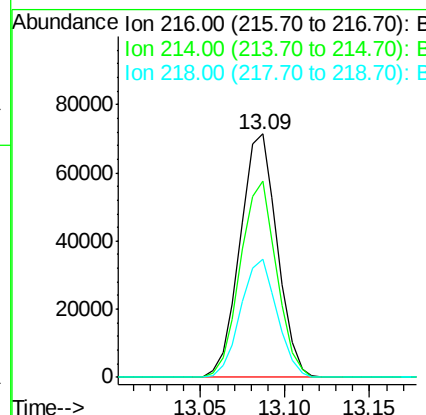
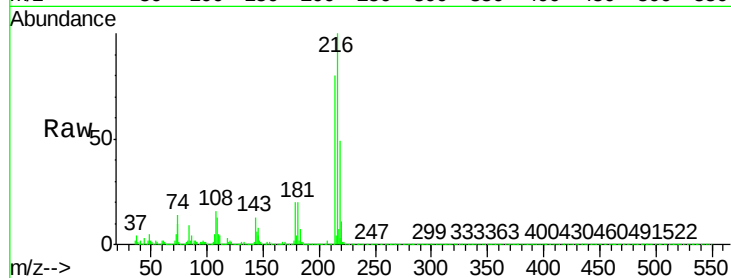
ClientSampleId :

MDL-SOIL-07

Tot Ion:	216	Resp:	109240
Ion Ratio		Lower	Upper
216	100		
214	80.5	60.9	91.3
218	48.8	39.0	58.6

Manual Integrations
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#74

Pentachlorobenzene

Concen: 2.530 ng/uL

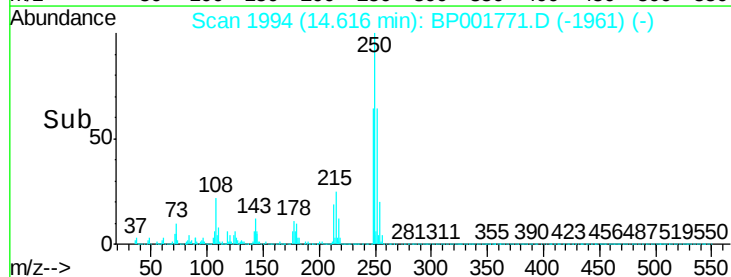
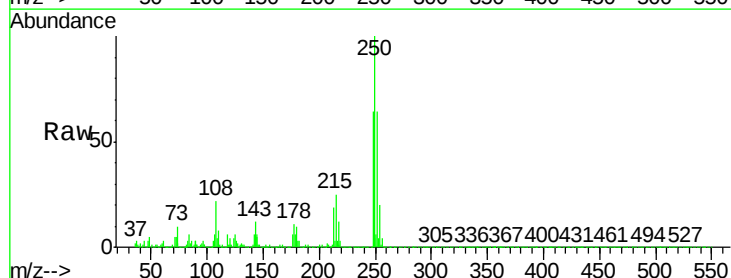
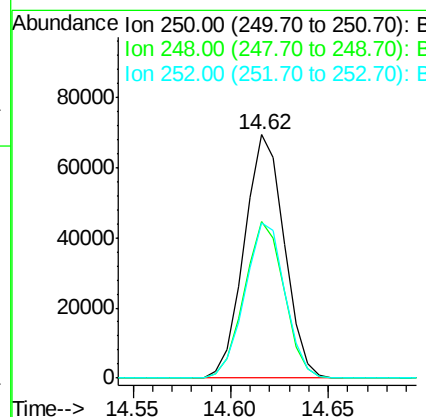
RT: 14.62 min Scan# 1994

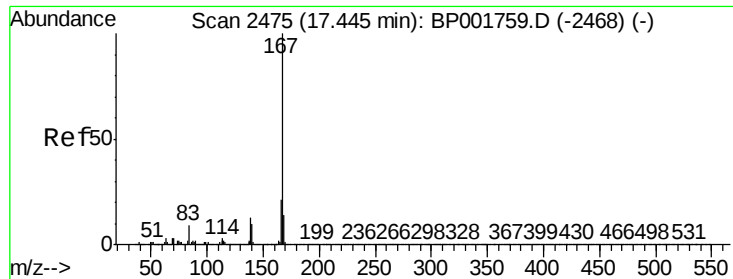
Delta R.T. -0.01 min

Lab File: BP001771.D

Acq: 18 Feb 2020 22:18

Tgt Ion:	250	Resp:	98573
Ion Ratio		Lower	Upper
250	100		
248	64.4	50.6	76.0
252	63.5	51.5	77.3





#75

Carbazole

Concen: 2.561 ng/ul

RT: 17.45 min Scan# 2475

Delta R.T. -0.00 min

Lab File: BP001771.D

Acq: 18 Feb 2020 22:18

Instrument :

BNA_P

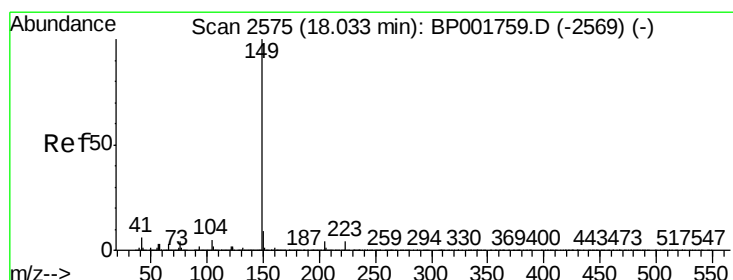
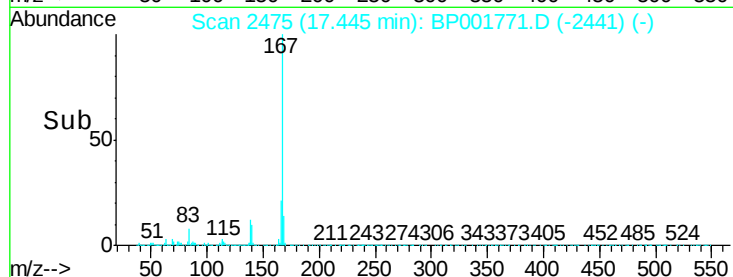
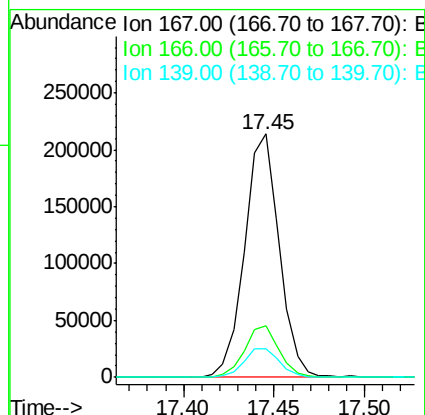
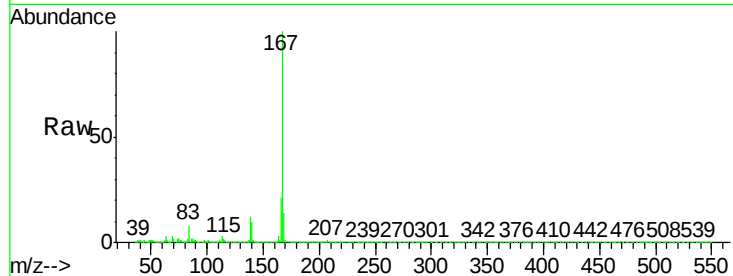
ClientSampled :

MDL-SOIL-07

Tot Ion:	167	Resp:	283688
Ion Ratio	Lower	Upper	
167	100		
166	21.1	17.1	25.7
139	11.9	10.2	15.2

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#76

Di-n-butylphthalate

Concen: 2.060 ng/ul

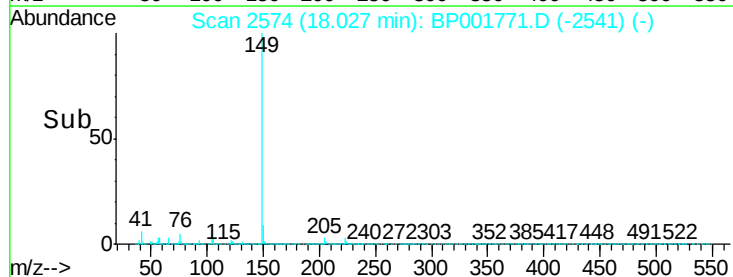
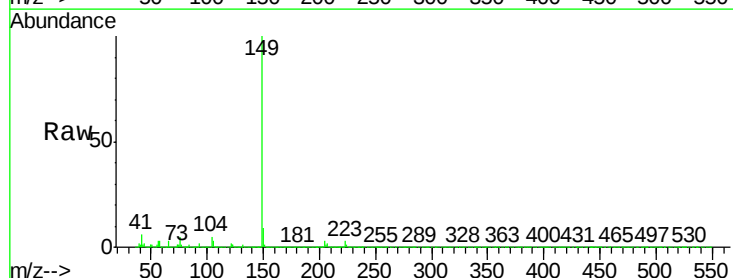
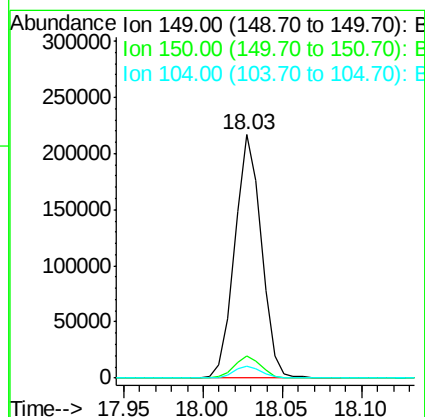
RT: 18.03 min Scan# 2574

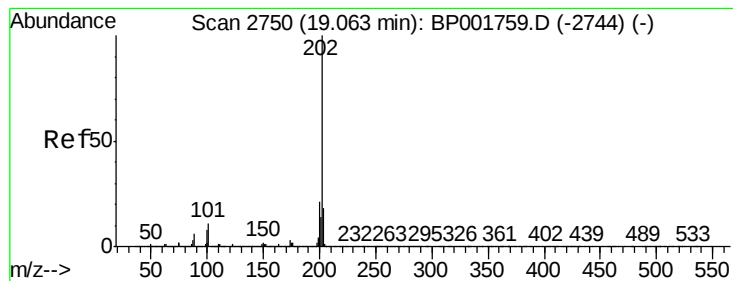
Delta R.T. -0.01 min

Lab File: BP001771.D

Acq: 18 Feb 2020 22:18

Tgt Ion:	149	Resp:	251084
Ion Ratio	Lower	Upper	
149	100		
150	9.3	7.3	10.9
104	4.9	3.6	5.4





#77

Fluoranthene

Concen: 2.677 ng/ul

RT: 19.06 min Scan# 2750

Delta R.T. -0.00 min

Lab File: BP001771.D

Acq: 18 Feb 2020 22:18

Instrument :

BNA_P

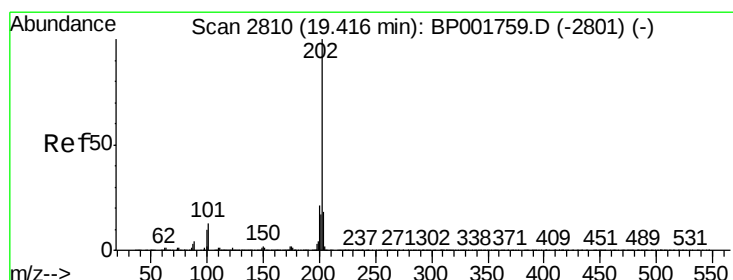
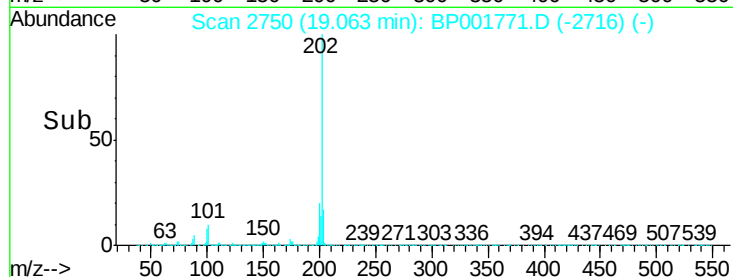
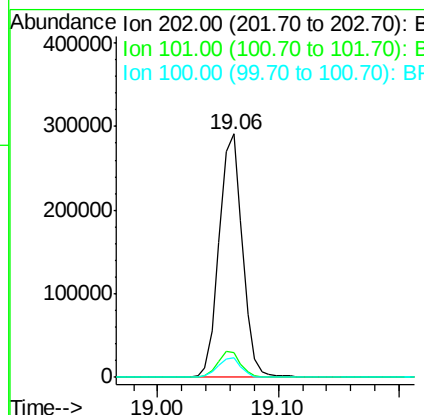
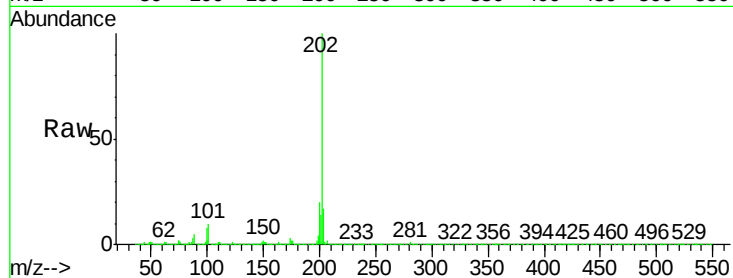
ClientSampleId :

MDL-SOIL-07

Tot Ion:	202	Resp:	385396
Ion Ratio	Lower	Upper	
202	100		
101	10.4	9.1	13.7
100	8.0	6.6	9.8

Manual Integrations
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#80

Pyrene

Concen: 2.636 ng/ul

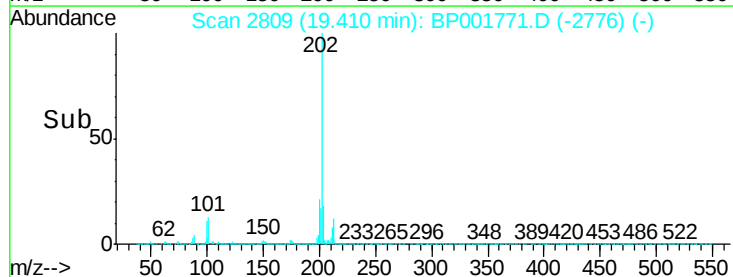
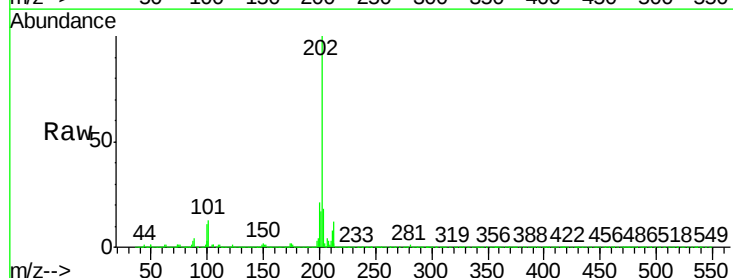
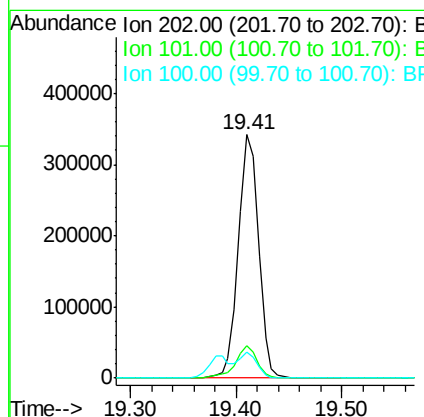
RT: 19.41 min Scan# 2809

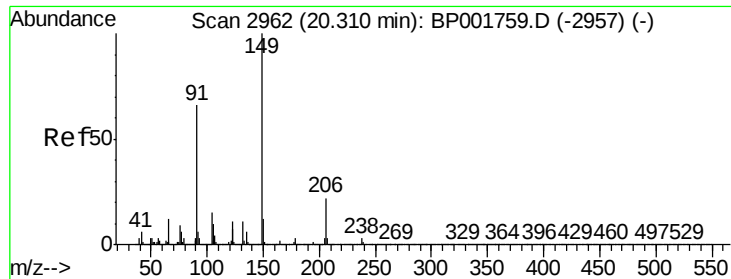
Delta R.T. -0.01 min

Lab File: BP001771.D

Acq: 18 Feb 2020 22:18

Tgt Ion:	202	Resp:	451112
Ion Ratio	Lower	Upper	
202	100		
101	13.3	10.2	15.2
100	10.6	8.2	12.2





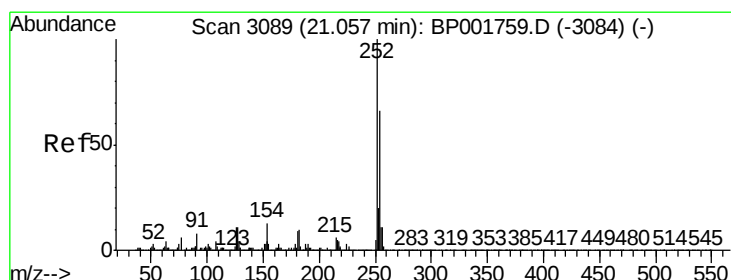
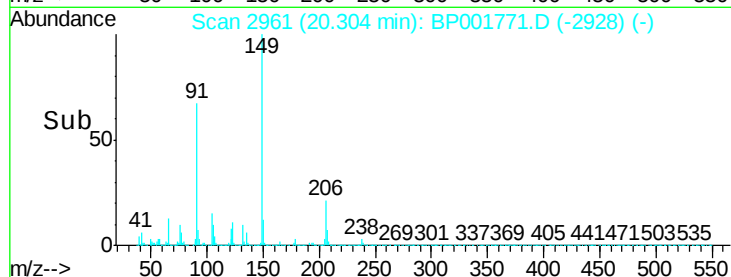
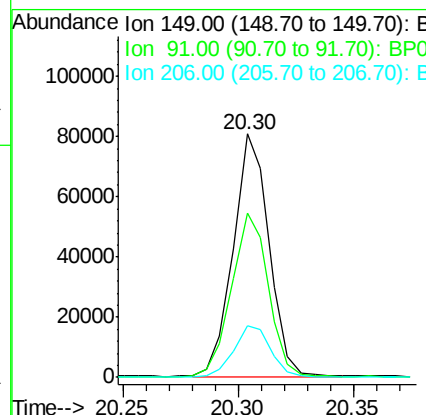
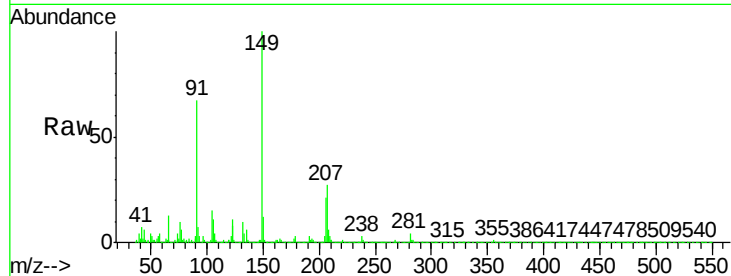
#81
Butylbenzylphthalate
Concen: 1.636 ng/ul
RT: 20.30 min Scan# 2961
Delta R.T. -0.01 min
Lab File: BP001771.D
Acq: 18 Feb 2020 22:18

Instrument :
BNA_P
ClientSampled :
MDL-SOIL-07

Tot Ion	Ratio	Lower	Upper
149	100		
91	67.2	53.0	79.4
206	20.9	17.6	26.4

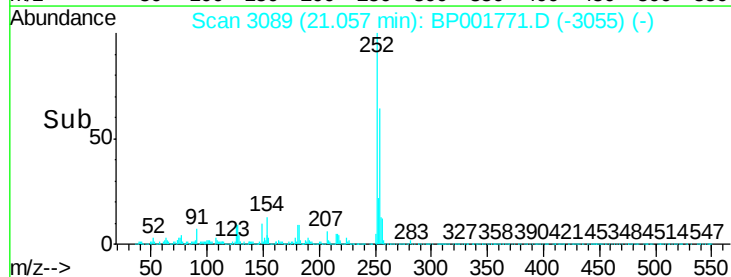
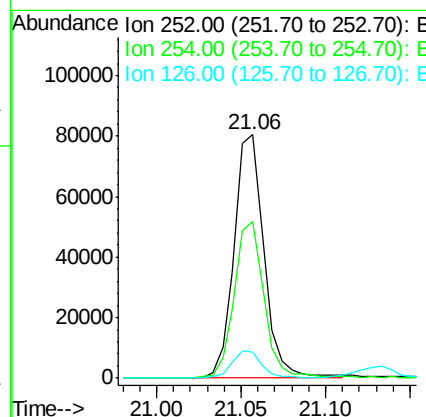
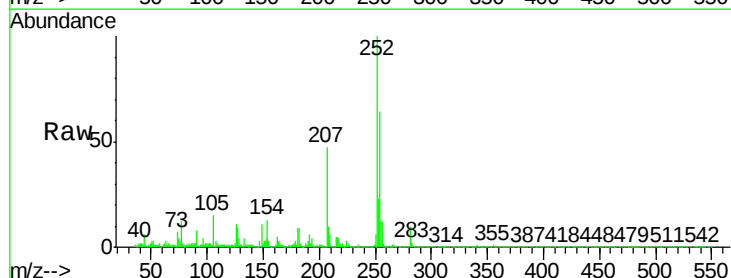
Manual Integrations
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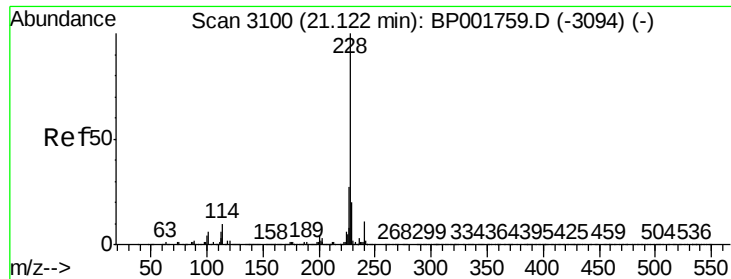
Sohil
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#82
3,3'-Dichlorobenzidine
Concen: 1.817 ng/ul
RT: 21.06 min Scan# 3089
Delta R.T. -0.00 min
Lab File: BP001771.D
Acq: 18 Feb 2020 22:18

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.5	52.6	78.8
126	10.5	8.6	13.0





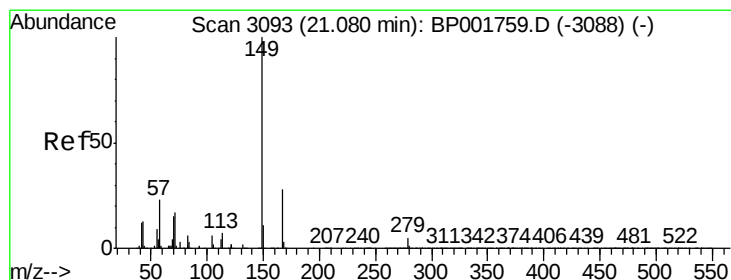
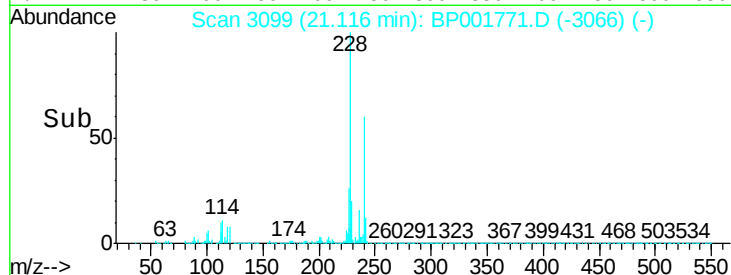
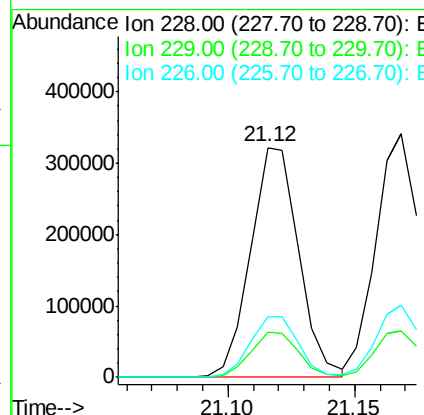
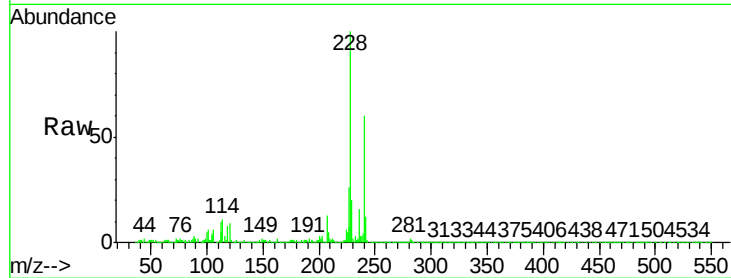
#83
Benzo(a)anthracene
Concen: 2.579 ng/u1
RT: 21.12 min Scan# 3099
Delta R.T. -0.01 min
Lab File: BP001771.D
Acq: 18 Feb 2020 22:18

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-07

Tot Ion	Ratio	Lower	Upper
228	100		
229	19.6	16.2	24.4
226	26.3	22.0	33.0

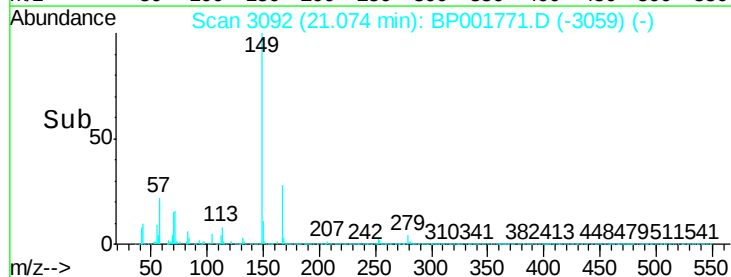
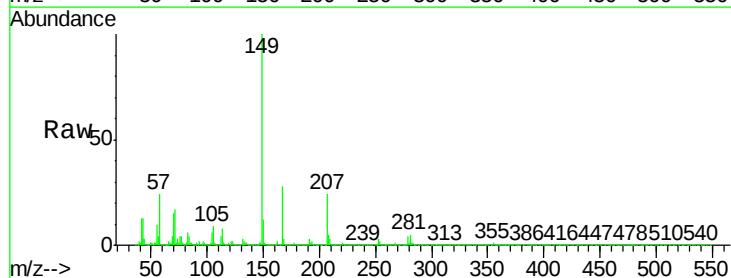
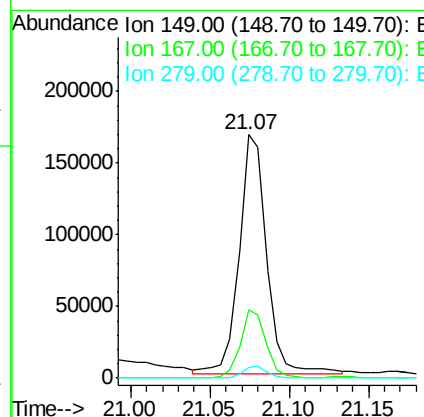
Manual Integrations
APPROVED

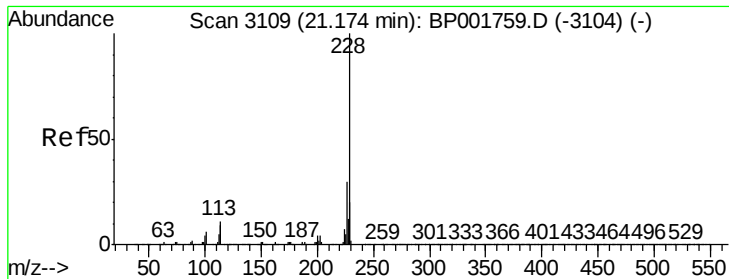
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#84
Bis(2-ethylhexyl)phthalate
Concen: 2.292 ng/u1
RT: 21.07 min Scan# 3092
Delta R.T. -0.01 min
Lab File: BP001771.D
Acq: 18 Feb 2020 22:18

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.0	22.6	34.0
279	4.1	3.6	5.4





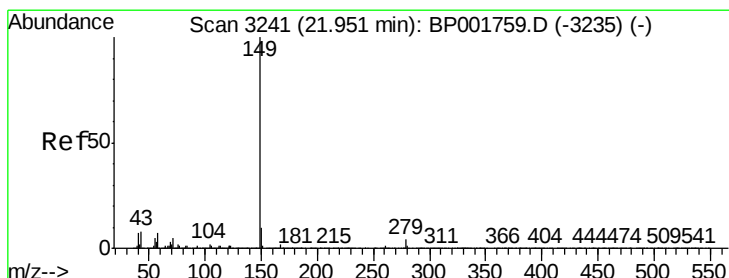
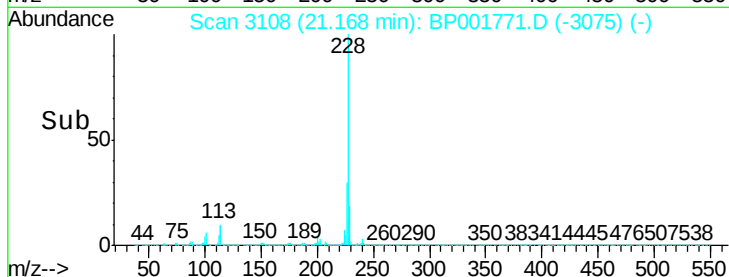
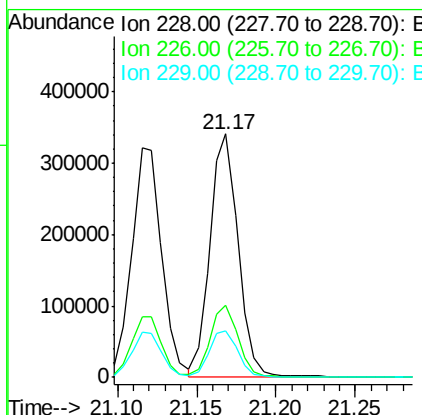
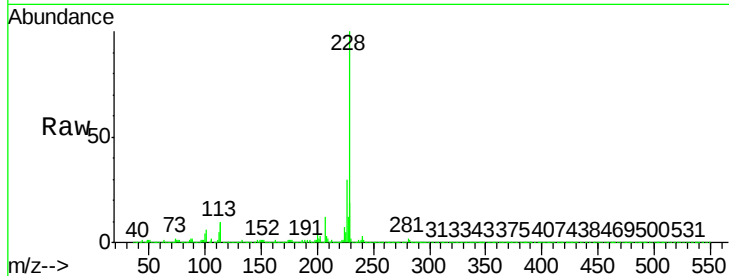
#85
Chrysene
Concen: 2.607 ng/ul
RT: 21.17 min Scan# 3108
Delta R.T. -0.01 min
Lab File: BP001771.D
Acq: 18 Feb 2020 22:18

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-07

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.2	36.2
229	19.3	15.7	23.5

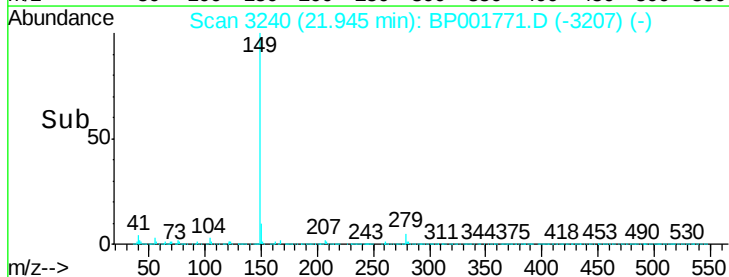
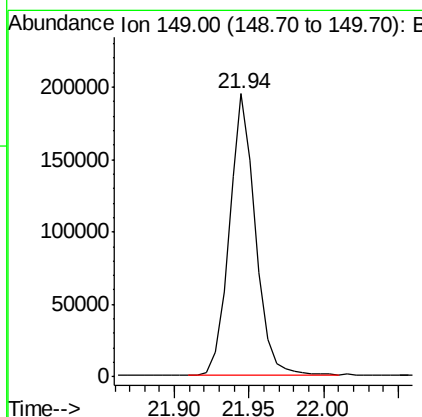
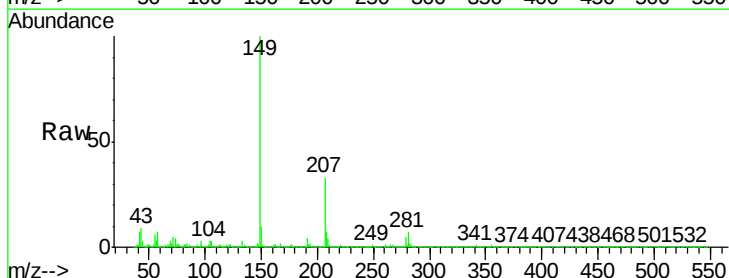
Manual Integrations
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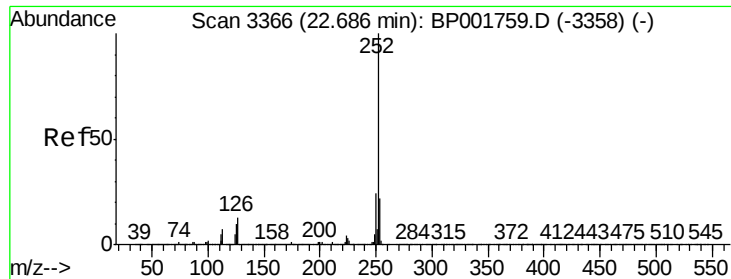
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#87
Di-n-octyl phthalate
Concen: 1.777 ng/ul
RT: 21.94 min Scan# 3240
Delta R.T. -0.01 min
Lab File: BP001771.D
Acq: 18 Feb 2020 22:18

Tgt Ion:149 Resp: 236682





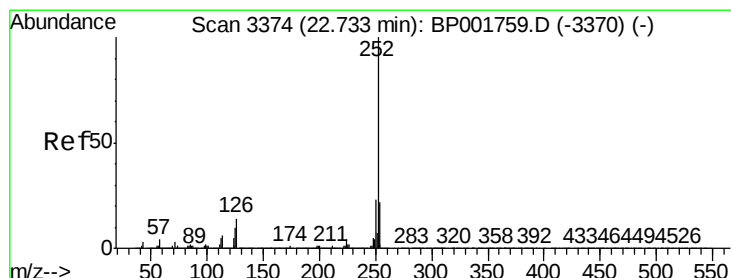
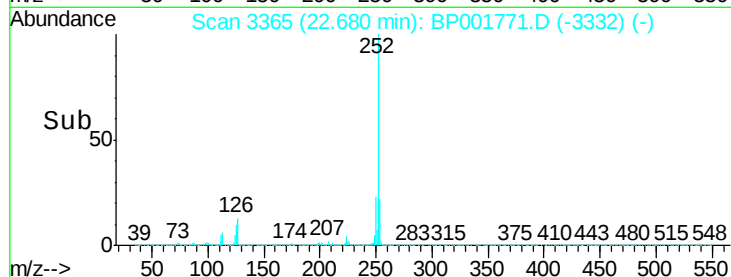
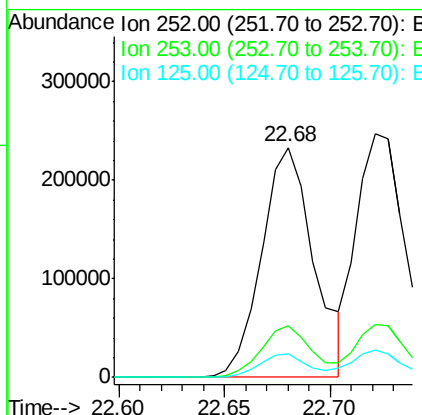
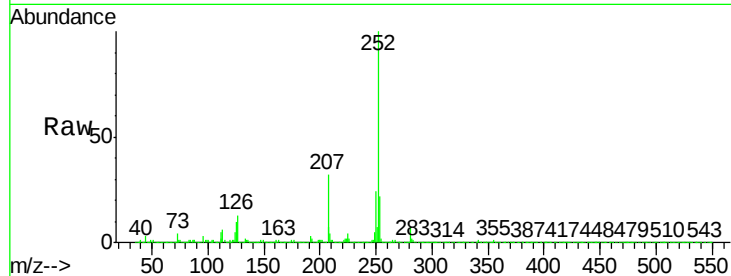
#88
Benzo(b)fluoranthene
Concen: 2.552 ng/ul
RT: 22.68 min Scan# 3365
Delta R.T. -0.01 min
Lab File: BP001771.D
Acq: 18 Feb 2020 22:18

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-07

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.7	26.5
125	10.2	7.8	11.6

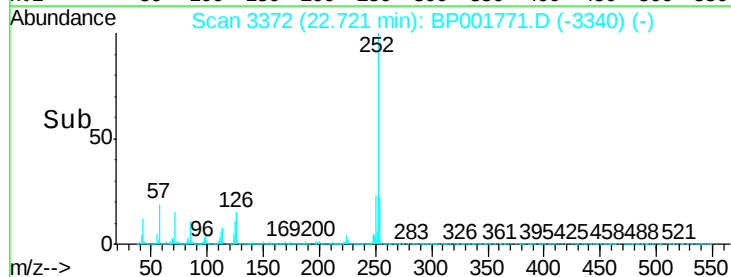
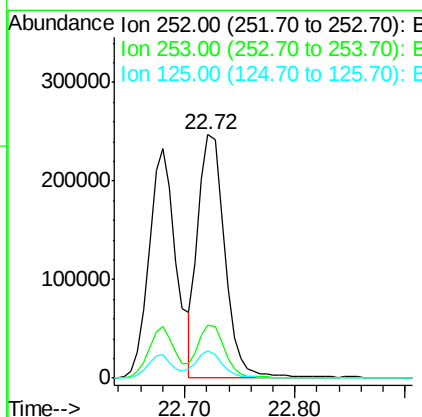
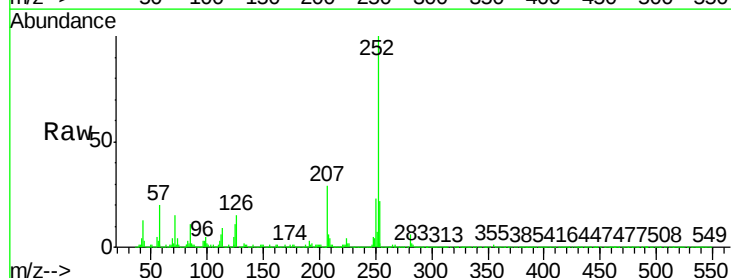
Manual Integrations
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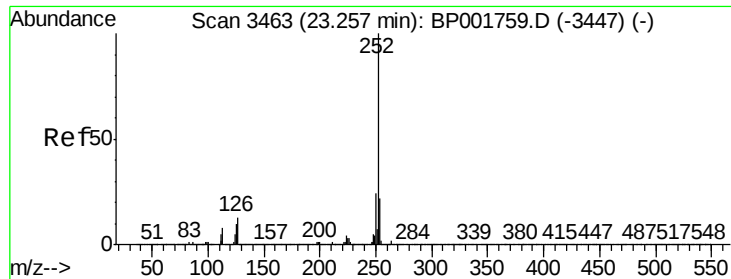
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#89
Benzo(k)fluoranthene
Concen: 2.526 ng/ul
RT: 22.72 min Scan# 3372
Delta R.T. -0.01 min
Lab File: BP001771.D
Acq: 18 Feb 2020 22:18

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.8	26.6
125	11.0	8.0	12.0





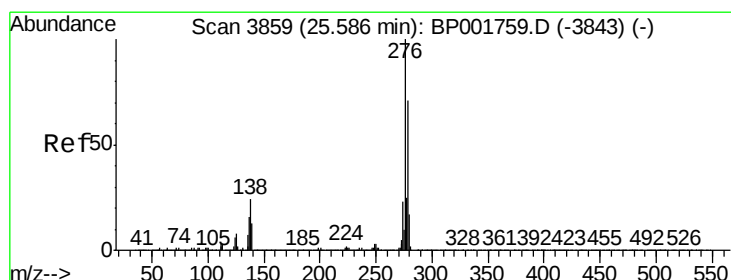
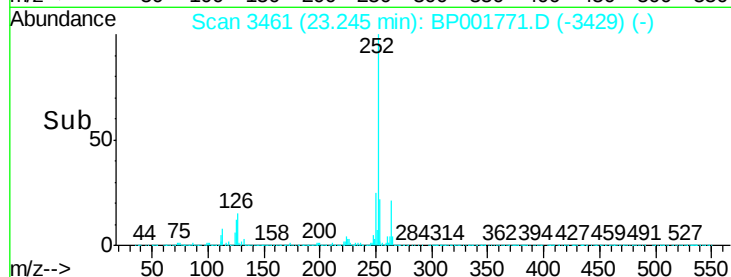
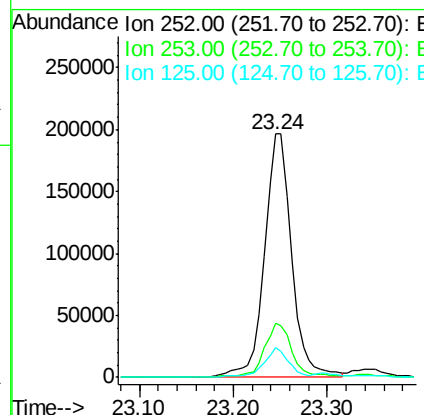
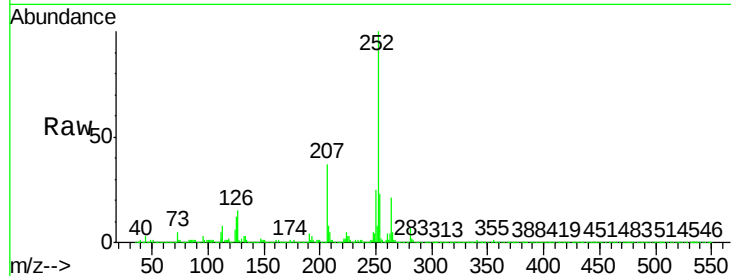
#91
Benzo(a)pyrene
Concen: 2.655 ng/ul
RT: 23.24 min Scan# 3461
Delta R.T. -0.01 min
Lab File: BP001771.D
Acq: 18 Feb 2020 22:18

Instrument :
BNA_P
ClientSampled :
MDL-SOIL-07

Tot Ion:	252	Resp:	389529
Ion Ratio	Lower	Upper	
252	100		
253	22.5	17.6	26.4
125	12.0	8.3	12.5

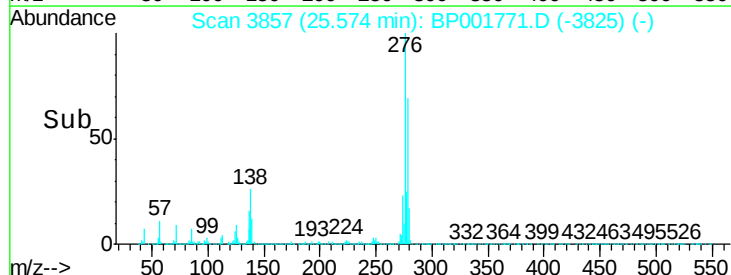
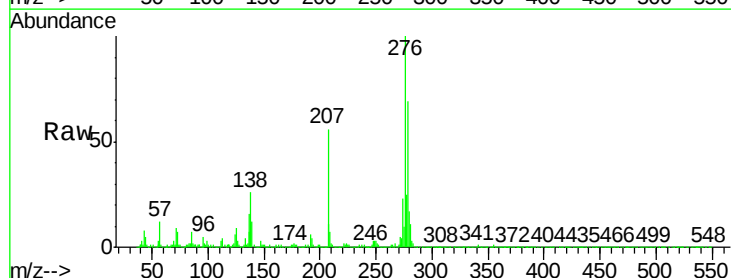
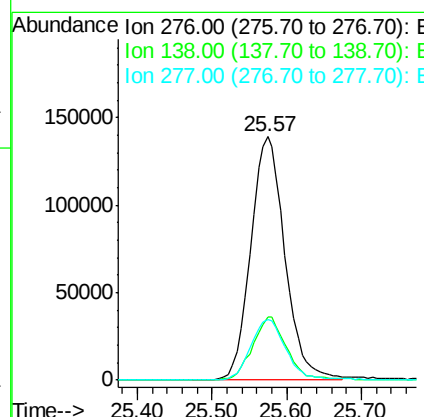
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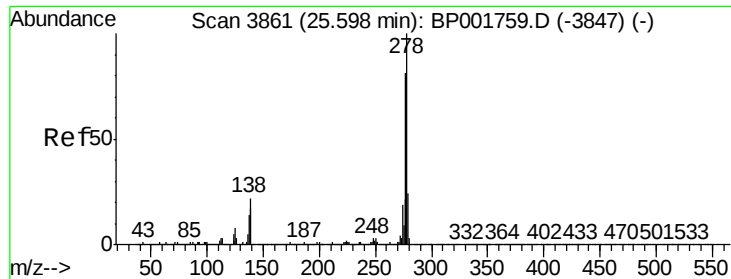
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#92
Indeno(1,2,3-cd)pyrene
Concen: 2.409 ng/ul
RT: 25.57 min Scan# 3857
Delta R.T. -0.01 min
Lab File: BP001771.D
Acq: 18 Feb 2020 22:18

Tgt Ion:	276	Resp:	441427
Ion Ratio	Lower	Upper	
276	100		
138	25.9	19.3	28.9
277	24.9	20.0	30.0





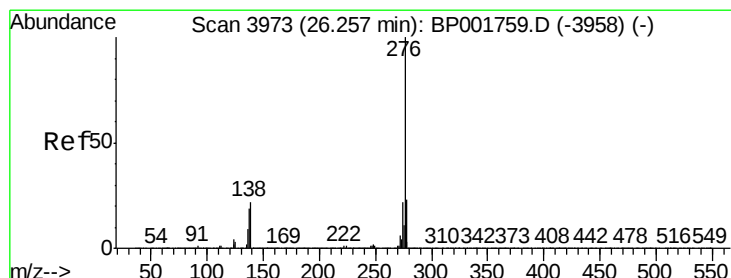
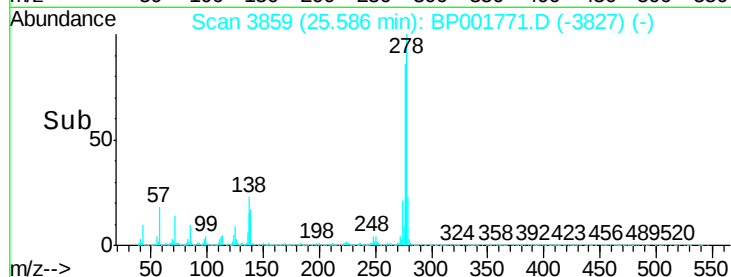
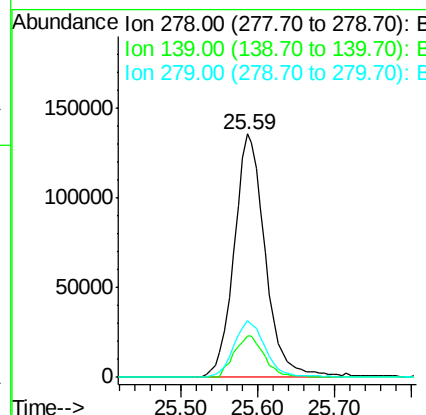
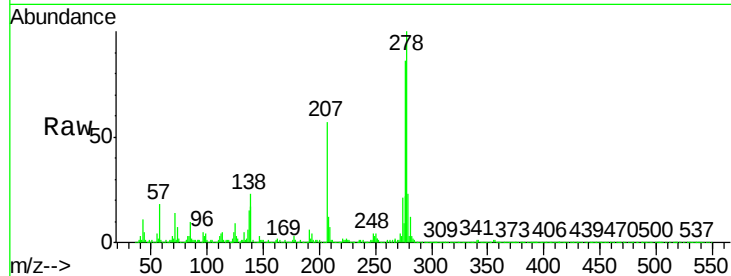
#93
Dibenzo(a,h)anthracene
Concen: 2.469 ng/ul
RT: 25.59 min Scan# 3859
Delta R.T. -0.01 min
Lab File: BP001771.D
Acq: 18 Feb 2020 22:18

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-07

Tot Ion:	278	Resp:	380039
Ion Ratio	Lower	Upper	
278	100		
139	16.8	13.3	19.9
279	23.4	19.3	28.9

Manual Integrations
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#94
Benzo(g,h,i)perylene
Concen: 2.415 ng/ul
RT: 26.24 min Scan# 3971
Delta R.T. -0.01 min
Lab File: BP001771.D
Acq: 18 Feb 2020 22:18

Tgt Ion:	276	Resp:	376186
Ion Ratio	Lower	Upper	
276	100		
138	21.4	17.7	26.5
277	23.6	18.8	28.2

