

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120720\
 Data File : BP004186.D
 Acq On : 07 Dec 2020 17:02
 Operator : CG/JU
 Sample : L4485-18
 Misc : ME-SOIL-04
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MDL-ME-SOIL-04

Manual Integrations
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Quant Time: Dec 07 17:29:48 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP120420.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 07 12:11:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	462950	20.00	ng/ul	0.00
20) Naphthalene-d8	10.64	136	1954029	20.00	ng/ul	-0.01
38) Acenaphthene-d10	14.49	164	1216155	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.25	188	2599122	20.00	ng/ul	0.00
79) Chrysene-d12	21.34	240	2653982	20.00	ng/ul	-0.01
88) Perylene-d12	23.70	264	2710549	20.00	ng/ul	-0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.34	96	55956	4.64	ng/uL	0.00
4) Pyridine-d5	3.74	84	780073	22.79	ng/ul	0.00
7) Phenol-d5	7.00	99	1233593	29.81	ng/ul	-0.01
9) Bis-(2-Chloroethyl)ether-d	7.18	67	798184	33.36	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.38	132	948997	29.47	ng/ul	-0.01
15) 4-Methylphenol-d8	8.54	113	987238	30.28	ng/ul	-0.01
21) Nitrobenzene-d5	9.00	128	507763	31.87	ng/ul	0.00
24) 2-Nitrophenol-d4	9.72	143	419093	28.81	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.26	165	901257	28.16	ng/ul	0.00
31) 4-Chloroaniline-d4	10.77	131	1356746	28.88	ng/ul	-0.01
46) Dimethylphthalate-d6	13.90	166	2953985	30.58	ng/ul	-0.01
49) Acenaphthylene-d8	14.18	160	3815698	32.15	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.67	143	421435	26.66	ng/ul	0.00
60) Fluorene-d10	15.49	176	2542656	30.10	ng/ul	-0.01
65) 4,6-Dinitro-2-methylphenol	15.60	200	276466	26.18	ng/ul	-0.01
73) Anthracene-d10	17.35	188	3860705	30.22	ng/ul	0.00
81) Pyrene-d10	19.59	212	4404189	31.54	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.56	264	4283575	29.42	ng/ul	-0.01

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.38	88	9739	0.746 ng/uL#	77
5) Pyridine	3.76	79	107027	3.092 ng/ul#	47
6) Benzaldehyde	6.99	77	91103	4.954 ng/ul	94
8) Phenol	7.03	94	116921	2.761 ng/ul	97
10) Bis(2-Chloroethyl)ether	7.27	93	104758	3.083 ng/ul	95
12) 2-Chlorophenol	7.40	128	87689	2.693 ng/ul	99
13) 2-Methylphenol	8.28	108	76496	2.374 ng/ul	97
14) 2,2'-oxybis(1-Chloropropan	8.38	45	123689	3.055 ng/ul	95
16) Acetophenone	8.66	105	147414	2.918 ng/ul	98
17) N-Nitroso-di-n-propylamine	8.65	70	72032	2.715 ng/ul#	97
18) 4-Methylphenol	8.60	108	91777	2.672 ng/ul	98
19) Hexachloroethane	8.93	117	39581	2.839 ng/ul	97
22) Nitrobenzene	9.04	77	115467	2.974 ng/ul	95
23) Isophorone	9.56	82	197159	2.513 ng/ul	98
25) 2-Nitrophenol	9.75	139	43047	2.762 ng/ul	98
26) 2,4-Dimethylphenol	9.81	107	93891	2.484 ng/ul	100
27) Bis(2-Chloroethoxy)methane	10.05	93	130149	2.788 ng/ul	97
29) 2,4-Dichlorophenol	10.28	162	83565m	2.702 ng/ul	
30) Naphthalene	10.69	128	320498	2.933 ng/ul	100
32) 4-Chloroaniline	10.79	127	125660	2.801 ng/ul	97
33) Hexachlorobutadiene	10.98	225	60913	2.745 ng/ul	99
34) Caprolactam	11.57	113	19443	1.704 ng/ul	93

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35) 4-Chloro-3-methylphenol	11.92	107	68859	2.006	ng/ul	95
36) 2-Methylnaphthalene	12.30	142	215283	2.797	ng/ul	99
37) 1-Methylnaphthalene	12.52	142	207099	2.799	ng/ul	99
39) 1,2,4,5-Tetrachlorobenzene	12.67	216	118957	2.913	ng/ul	99
40) Hexachlorocyclopentadiene	12.66	237	50876	1.993	ng/ul	98
41) 2,4,6-Trichlorophenol	12.91	196	47275	2.010	ng/ul	98
42) 2,4,5-Trichlorophenol	12.97	196	48589	1.919	ng/ul	100
43) 1,1'-Biphenyl	13.32	154	285391	2.934	ng/ul	100
44) 2-Chloronaphthalene	13.36	162	228275	2.960	ng/ul	98
45) 2-Nitroaniline	13.56	65	40648	2.147	ng/ul	97
47) Dimethylphthalate	13.95	163	274644	2.801	ng/ul	99
48) 2,6-Dinitrotoluene	14.06	165	37659	2.116	ng/ul	94
50) Acenaphthylene	14.21	152	338061	2.874	ng/ul	99
51) 3-Nitroaniline	14.39	138	40403	2.433	ng/ul	100
52) Acenaphthene	14.55	153	232142	2.798	ng/ul	97
53) 2,4-Dinitrophenol	14.59	184	9705	1.415	ng/ul	92
55) 4-Nitrophenol	14.69	109	29657	2.494	ng/ul#	85
56) Dibenzofuran	14.89	168	335186	2.914	ng/ul	99
57) 2,4-Dinitrotoluene	14.85	165	56516	2.325	ng/ul#	93
58) 2,3,4,6-Tetrachlorophenol	15.12	232	43468	2.104	ng/ul#	98
59) Diethylphthalate	15.32	149	243333	2.458	ng/ul	99
61) Fluorene	15.55	166	273618	2.867	ng/ul	99
62) 4-Chlorophenyl-phenylether	15.54	204	142649	2.865	ng/ul	98
63) 4-Nitroaniline	15.55	138	44247	2.818	ng/ul	99
66) 4,6-Dinitro-2-methylphenol	15.61	198	30613	2.598	ng/ul#	80
67) N-Nitrosodiphenylamine	15.75	169	216607	2.708	ng/ul	100
68) 4-Bromophenyl-phenylether	16.44	248	81362	2.615	ng/ul	97
69) Hexachlorobenzene	16.55	284	98938	2.852	ng/ul	99
70) Atrazine	16.71	200	64697	2.071	ng/ul	96
71) Pentachlorophenol	16.89	266	28497	1.720	ng/ul	95
72) Phenanthrene	17.29	178	439649	2.941	ng/ul	99
74) Anthracene	17.38	178	437690	2.874	ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	13.28	216	119865	3.038	ng/uL	99
76) Pentachlorobenzene	14.81	250	116779	2.928	ng/uL	99
77) Carbazole	17.65	167	338507	2.617	ng/ul	100
78) Di-n-butylphthalate	18.22	149	328112	1.946	ng/ul	99
80) Fluoranthene	19.26	202	474982	2.687	ng/ul	99
82) Pyrene	19.62	202	535120	2.980	ng/ul	99
83) Butylbenzylphthalate	20.50	149	109558	1.502	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.26	252	92328	1.533	ng/ul	97
85) Benzo(a)anthracene	21.33	228	491631	2.754	ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.27	149	180946	1.644	ng/ul	100
87) Chrysene	21.38	228	496636	2.905	ng/ul	99
89) Di-n-octyl phthalate	22.19	149	249945	1.543	ng/ul	100
90) Benzo(b)fluoranthene	22.99	252	466128	2.671	ng/ul	100
91) Benzo(k)fluoranthene	23.03	252	514567	3.044	ng/ul	99
93) Benzo(a)pyrene	23.60	252	465607	2.905	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.13	276	526835	2.566	ng/ul	98
95) Dibenzo(a,h)anthracene	26.15	278	451292	2.634	ng/ul	98
96) Benzo(g,h,i)perylene	26.87	276	438954	2.548	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

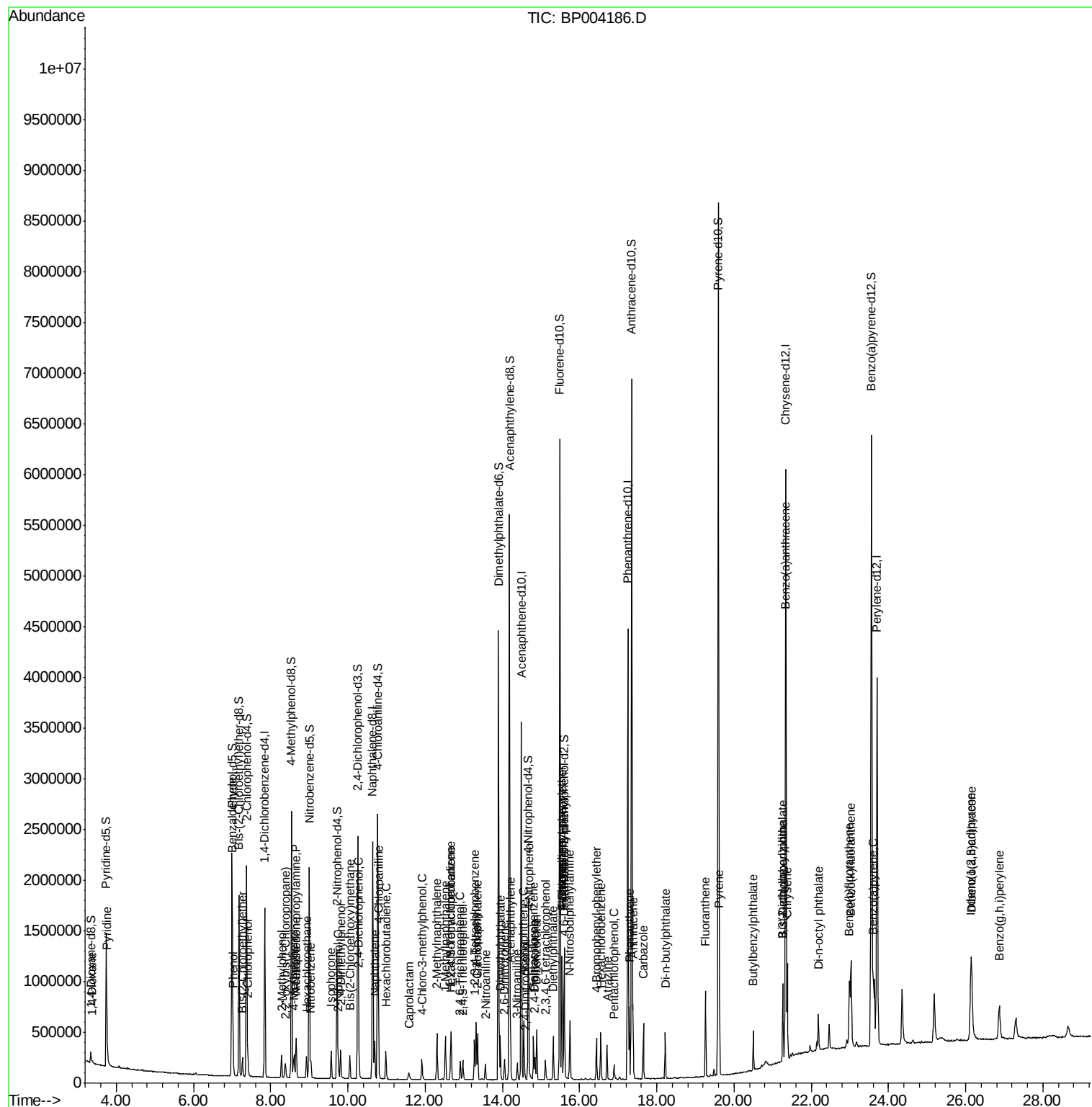
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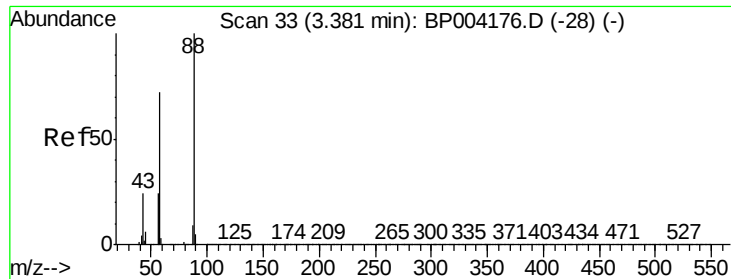
Instrument :
BNA_P
ClientSampleId :
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#2

1,4-Dioxane

Concen: 0.746 ng/uL

RT: 3.38 min Scan# 33

Delta R.T. -0.00 min

Lab File: BP004186.D

Acq: 07 Dec 2020 17:02

Instrument :

BNA_P

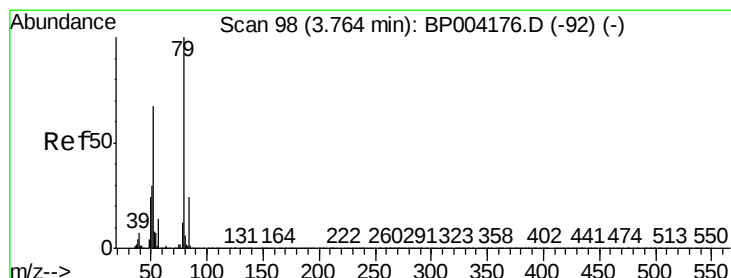
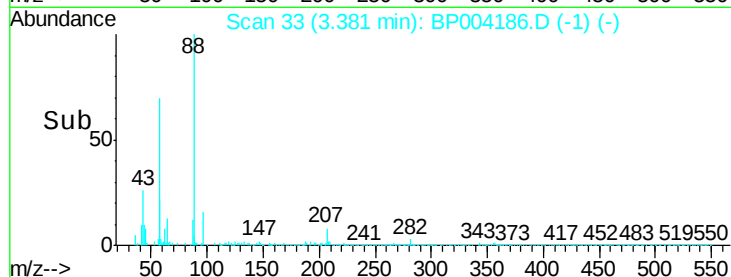
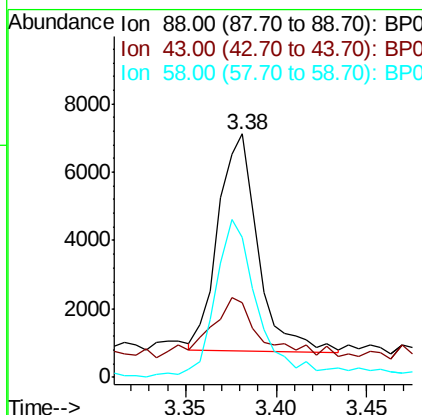
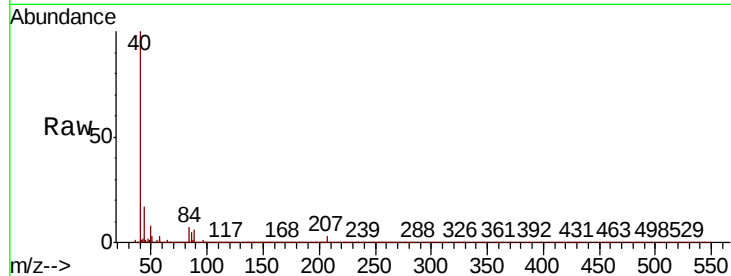
ClientSampleId :

MDL-ME-SOIL-04

Tot Ion:	88	Resp:	9739
Ion	Ratio	Lower	Upper
88	100		
43	30.6	42.5	63.7#
58	57.3	57.0	85.4

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#5

Pyridine

Concen: 3.092 ng/uL

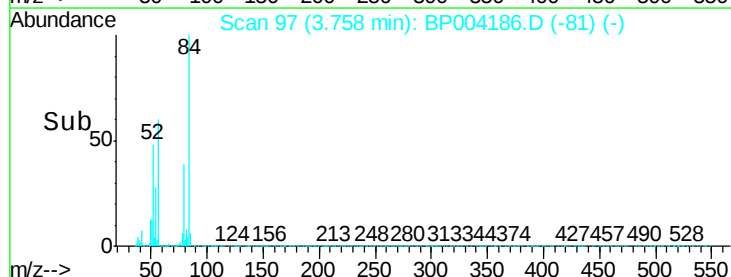
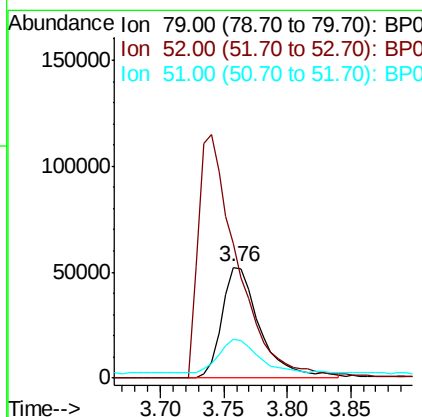
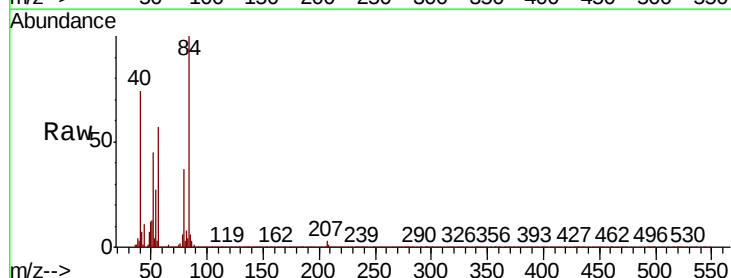
RT: 3.76 min Scan# 97

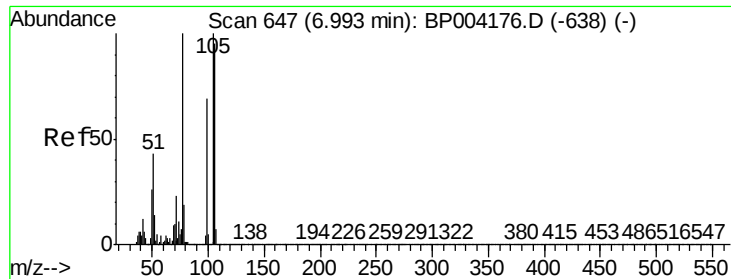
Delta R.T. -0.01 min

Lab File: BP004186.D

Acq: 07 Dec 2020 17:02

Tgt Ion:	79	Resp:	107027
Ion	Ratio	Lower	Upper
79	100		
52	121.1	51.4	77.0#
51	35.5	24.0	36.0





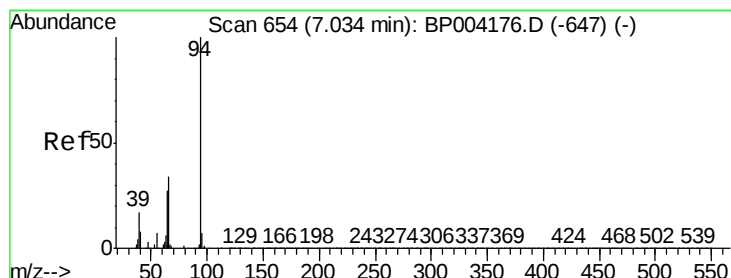
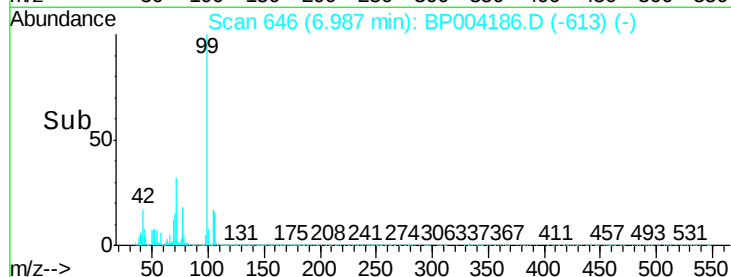
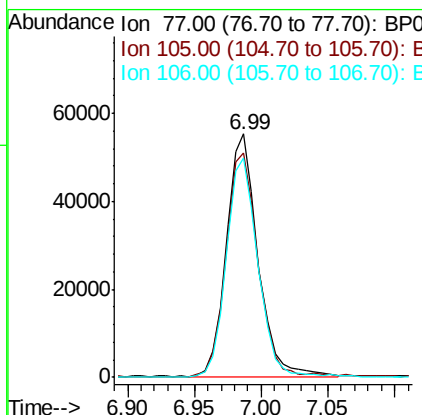
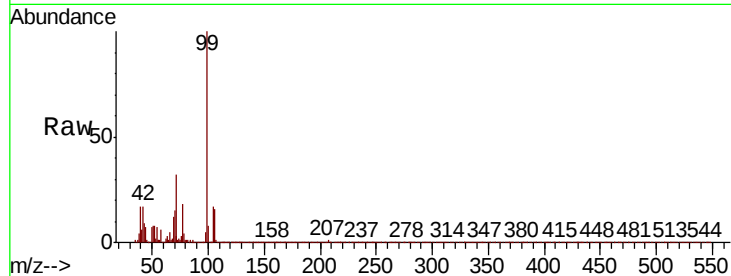
#6
Benzaldehyde
Concen: 4.954 ng/ul
RT: 6.99 min Scan# 646
Delta R.T. -0.01 min
Lab File: BP004186.D
Acq: 07 Dec 2020 17:02

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Tot Ion	Ratio	Lower	Upper
77	100		
105	92.3	79.8	119.8
106	89.9	75.2	112.8

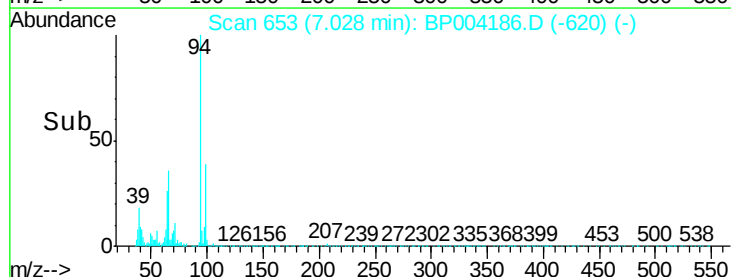
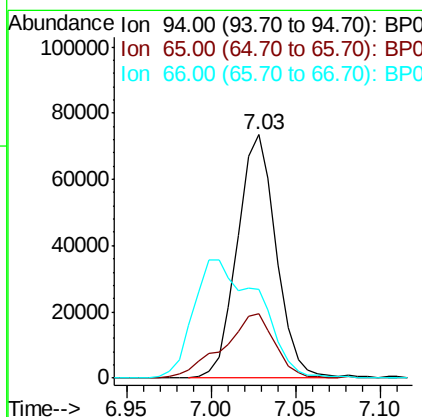
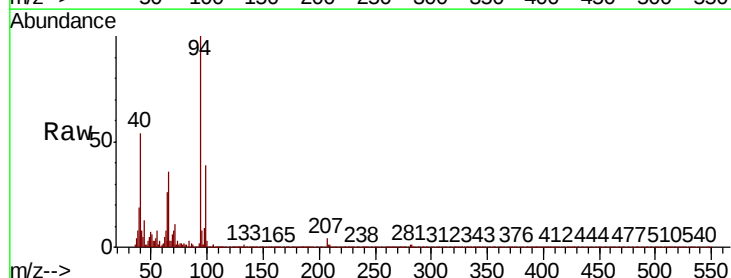
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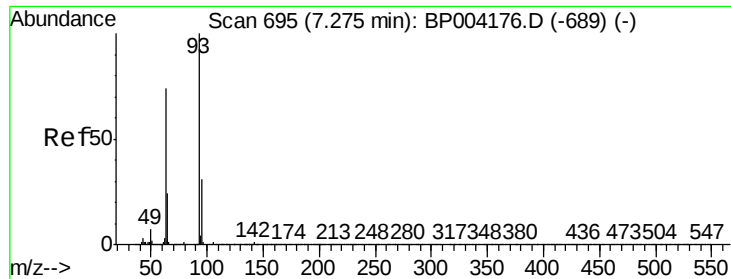
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#8
Phenol
Concen: 2.761 ng/ul
RT: 7.03 min Scan# 653
Delta R.T. -0.01 min
Lab File: BP004186.D
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Tgt Ion	Ratio	Lower	Upper
94	100		
65	26.4	20.8	31.2
66	36.2	27.0	40.6





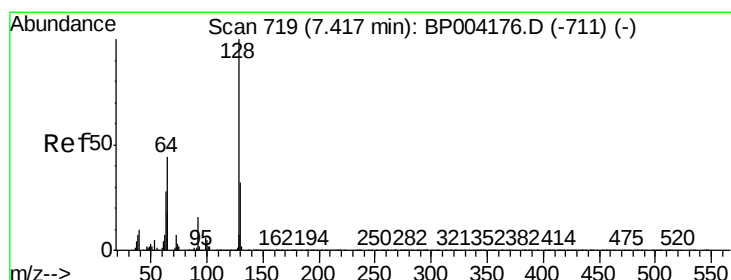
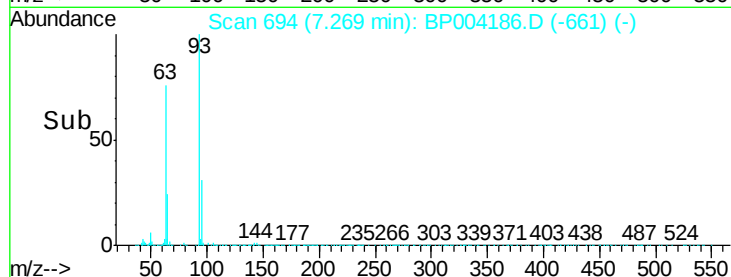
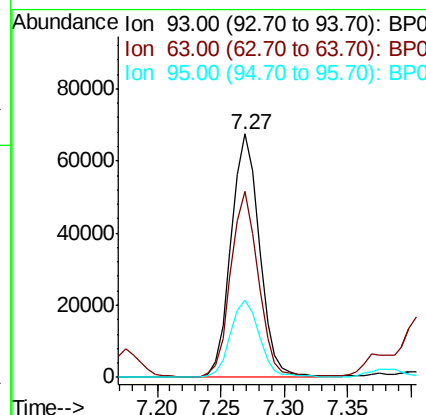
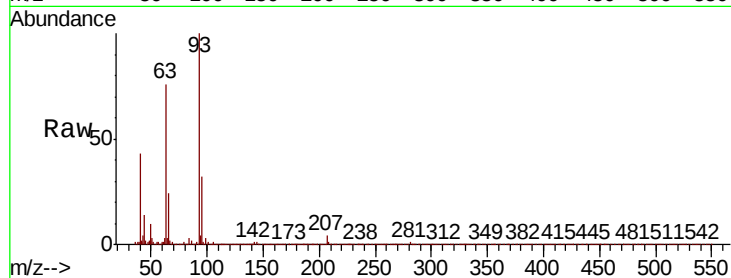
#10
Bis(2-Chloroethyl)ether
Concen: 3.083 ng/ul
RT: 7.27 min Scan# 694
Delta R.T. -0.01 min
Lab File: BP004186.D
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Tot Ion	Ion	Ratio	Resp	Lower	Upper
93	100		104758		
63	76.3	57.0	85.4		
95	31.7	26.8	40.2		

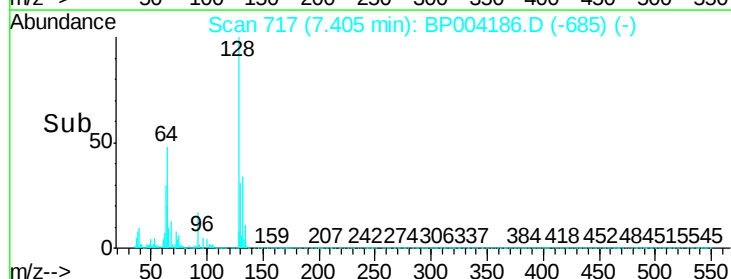
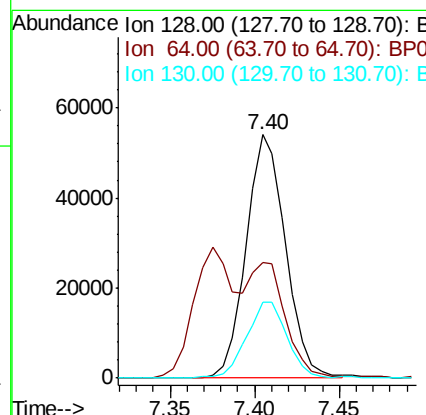
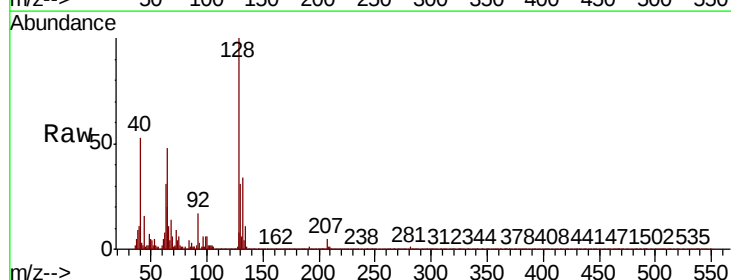
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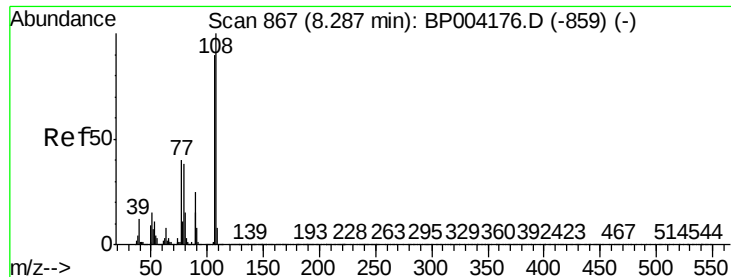
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#12
2-Chlorophenol
Concen: 2.693 ng/ul
RT: 7.40 min Scan# 717
Delta R.T. -0.01 min
Lab File: BP004186.D
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Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		87689		
64	47.7	37.4	56.0		
130	31.2	25.4	38.2		





#13

2-Methylphenol

Concen: 2.374 ng/ul

RT: 8.28 min Scan# 866

Delta R.T. -0.01 min

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Instrument :

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ClientSampleId :

MDL-ME-SOIL-04

Tot Ion: 108 Resp: 76496

Ion Ratio Lower Upper

108 100

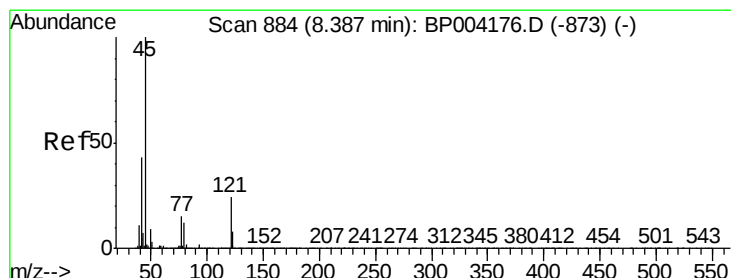
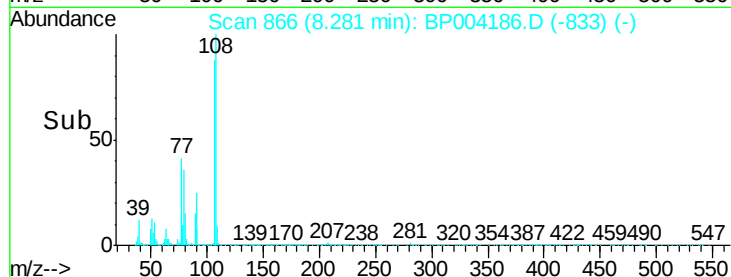
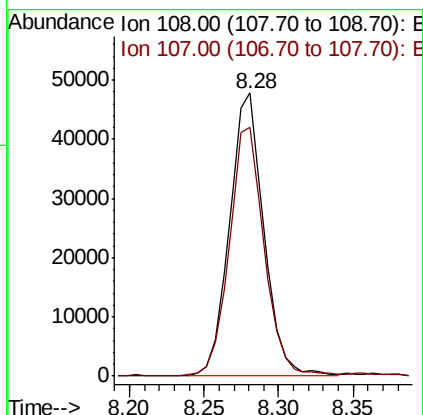
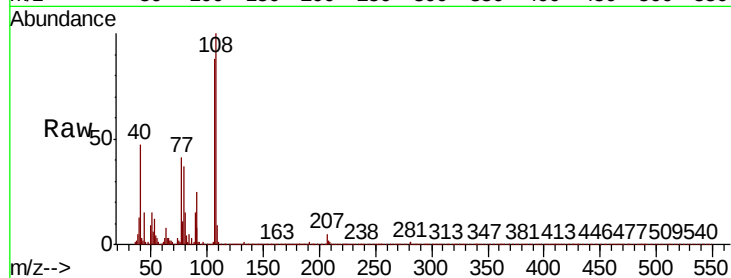
107 87.8 72.7 109.1

Manual Integrations

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#14

2,2'-oxybis(1-Chloropropane)

Concen: 3.055 ng/ul

RT: 8.38 min Scan# 883

Delta R.T. -0.01 min

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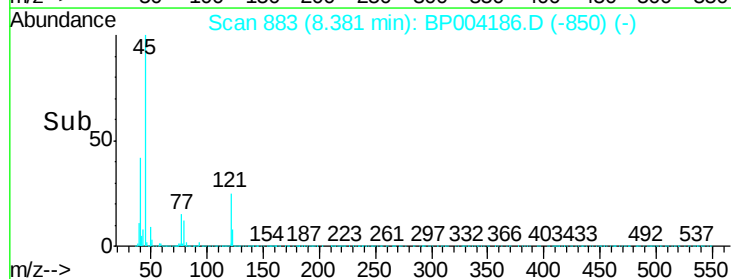
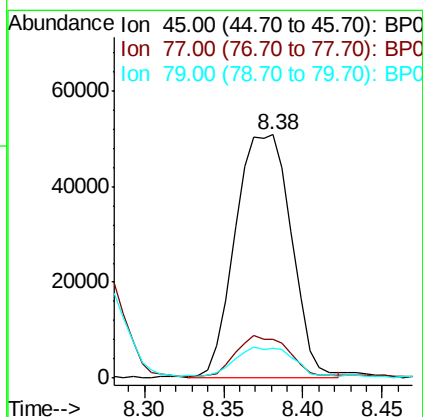
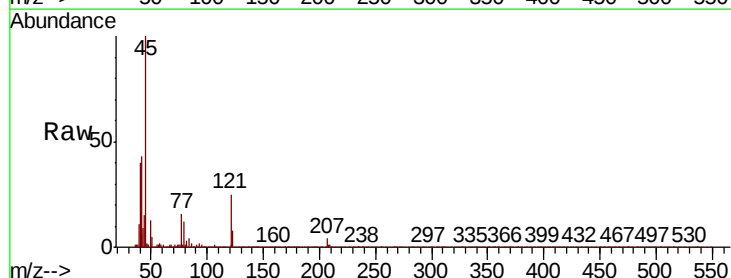
Tgt Ion: 45 Resp: 123689

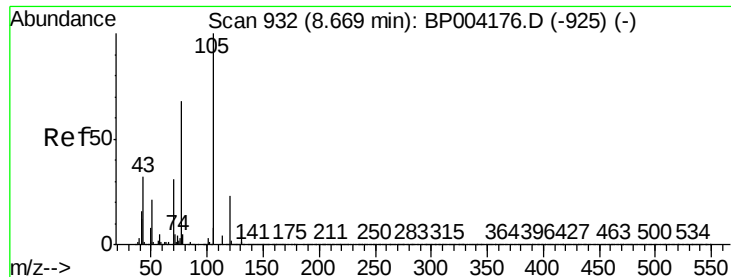
Ion Ratio Lower Upper

45 100

77 15.8 14.2 21.4

79 12.1 11.4 17.2





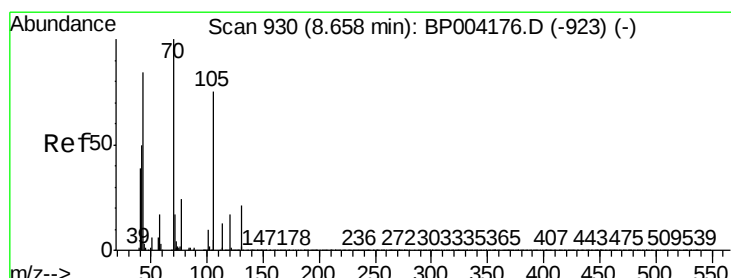
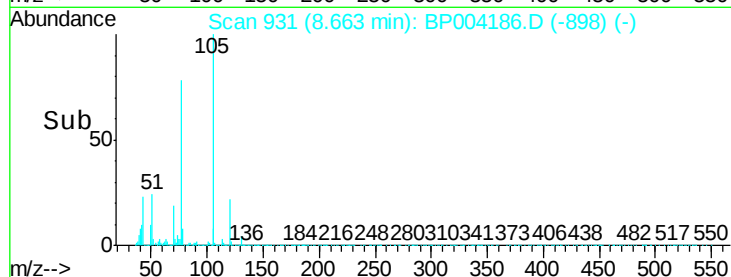
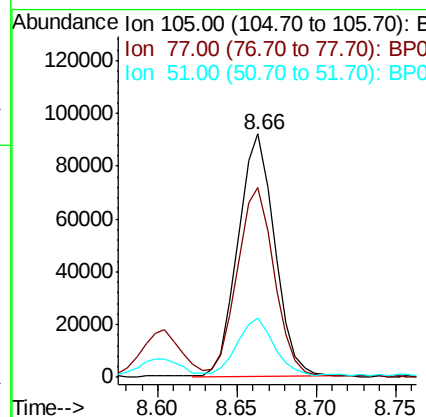
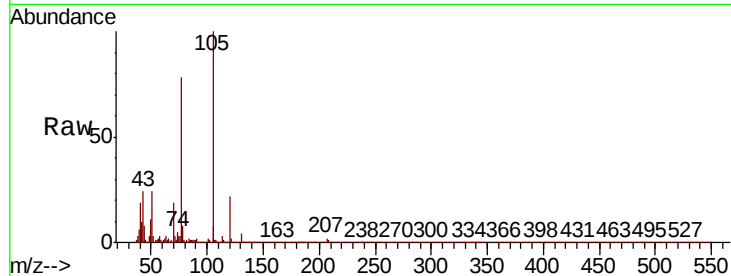
#16
Acetophenone
Concen: 2.918 ng/ul
RT: 8.66 min Scan# 931
Delta R.T. -0.01 min
Lab File: BP004186.D
Acq: 07 Dec 2020 17:02

Instrument :
BNA_P
ClientSampleId :
MDL-ME-SOIL-04

Tot Ion:	105	Resp:	147414
Ion Ratio	Lower	Upper	
105	100		
77	77.7	60.9	91.3
51	24.4	18.2	27.4

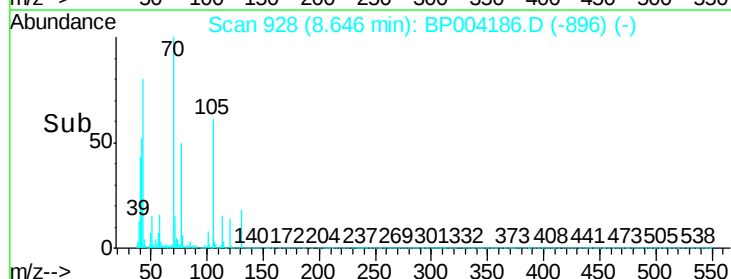
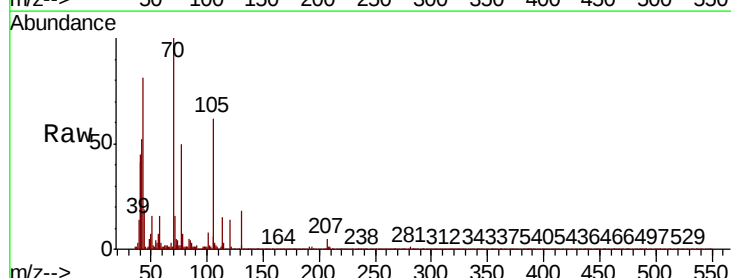
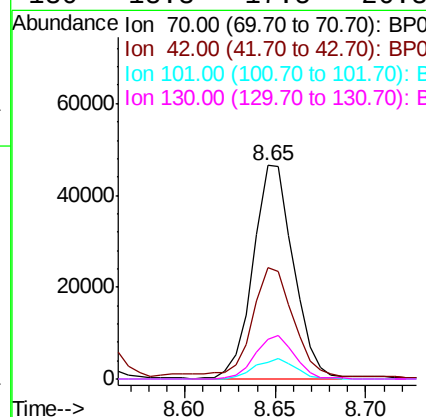
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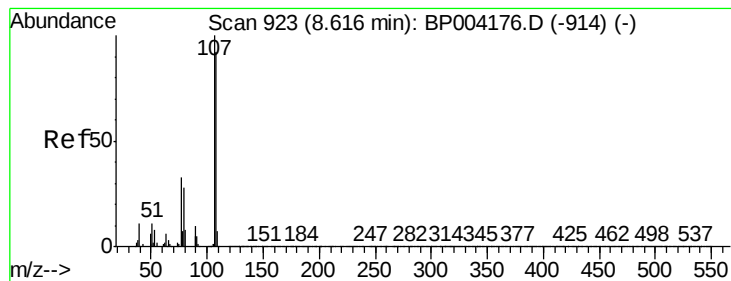
mohammad
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#17
N-Nitroso-di-n-propylamine
Concen: 2.715 ng/ul
RT: 8.65 min Scan# 928
Delta R.T. -0.01 min
Lab File: BP004186.D
Acq: 07 Dec 2020 17:02

Tgt Ion:	70	Resp:	72032
Ion Ratio	Lower	Upper	
70	100		
42	52.4	41.4	62.0
101	8.1	8.2	12.2#
130	18.3	17.5	26.3





#18

4-Methylphenol

Concen: 2.672 ng/ul

RT: 8.60 min Scan# 921

Delta R.T. -0.01 min

Lab File: BP004186.D

Acq: 07 Dec 2020 17:02

Instrument :

BNA_P

ClientSampleId :

MDL-ME-SOIL-04

Tot Ion:108 Resp: 91777

Ion Ratio Lower Upper

108 100

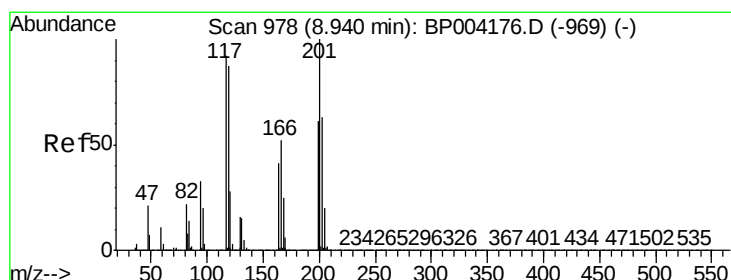
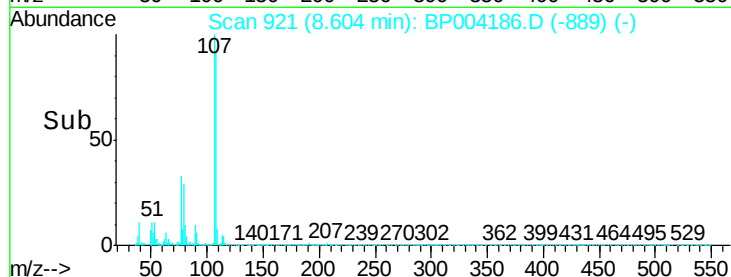
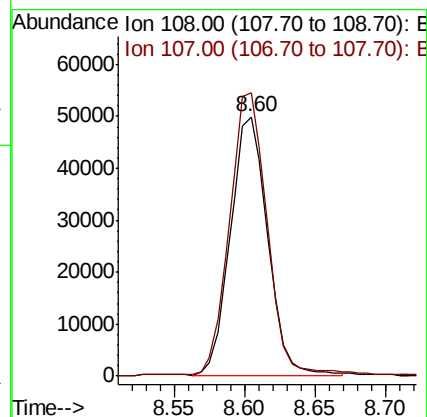
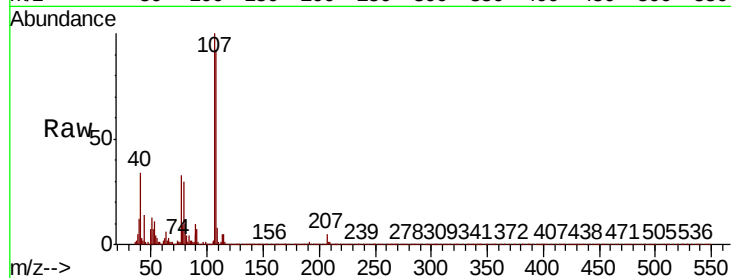
107 109.2 89.3 133.9

Manual Integrations

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#19

Hexachloroethane

Concen: 2.839 ng/ul

RT: 8.93 min Scan# 976

Delta R.T. -0.01 min

Lab File: BP004186.D

Acq: 07 Dec 2020 17:02

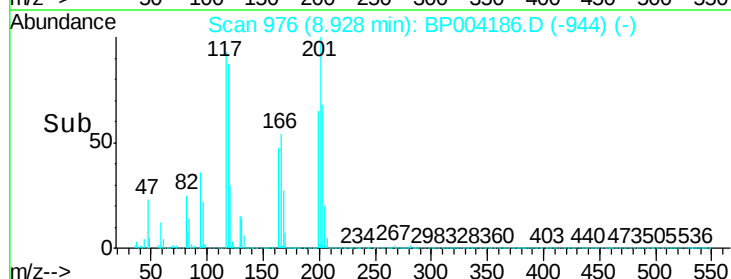
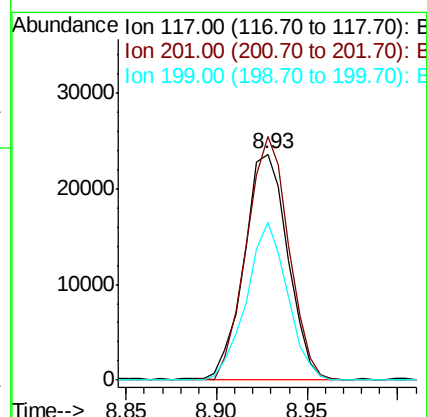
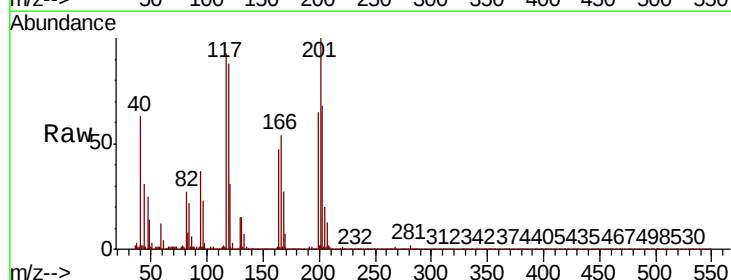
Tgt Ion:117 Resp: 39581

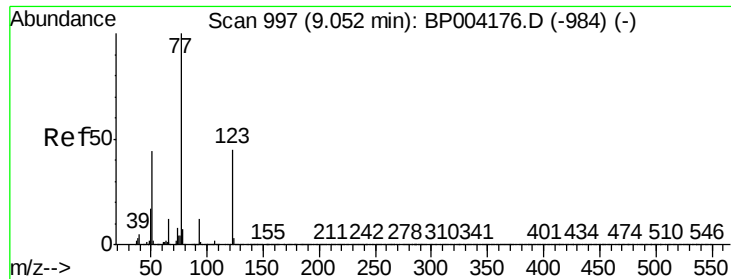
Ion Ratio Lower Upper

117 100

201 107.8 84.3 126.5

199 69.8 53.0 79.4





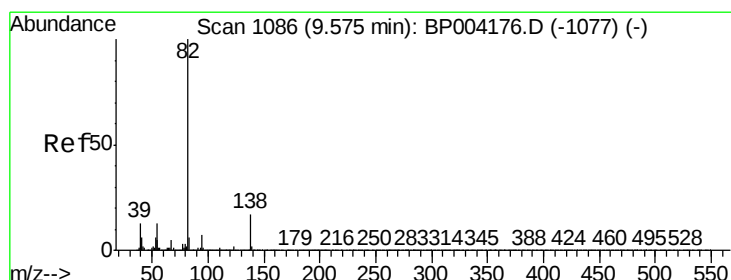
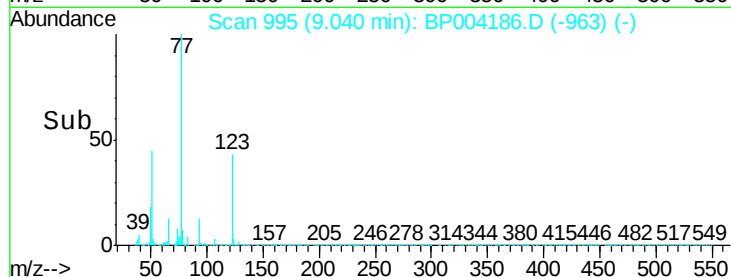
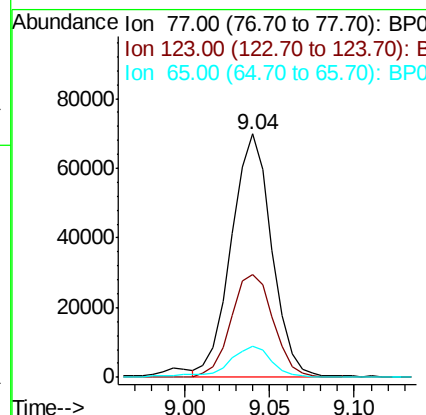
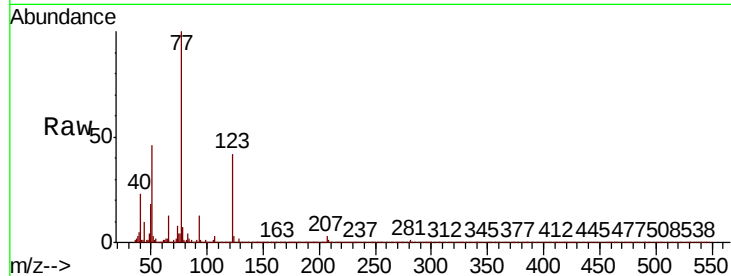
#22
Nitrobenzene
Concen: 2.974 ng/ul
RT: 9.04 min Scan# 995
Delta R.T. -0.01 min
Lab File: BP004186.D
Acq: 07 Dec 2020 17:02

Instrument :
BNA_P
ClientSampleId :
MDL-ME-SOIL-04

Tot Ion	Ratio	Lower	Upper
77	100		
123	42.4	37.4	56.2
65	12.7	9.9	14.9

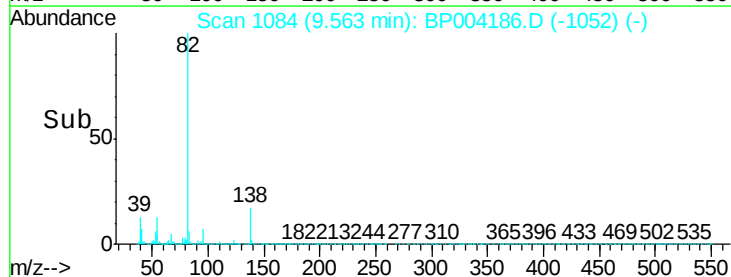
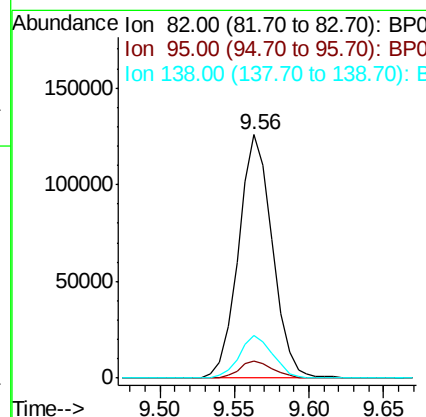
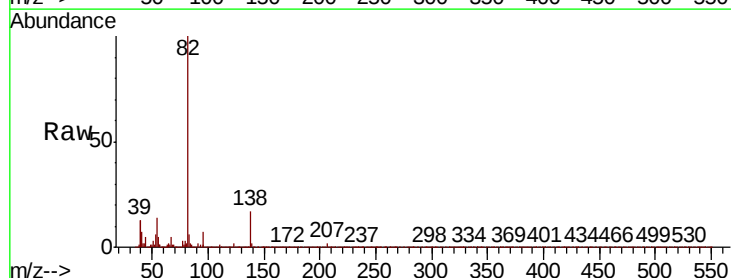
Manual Integrations
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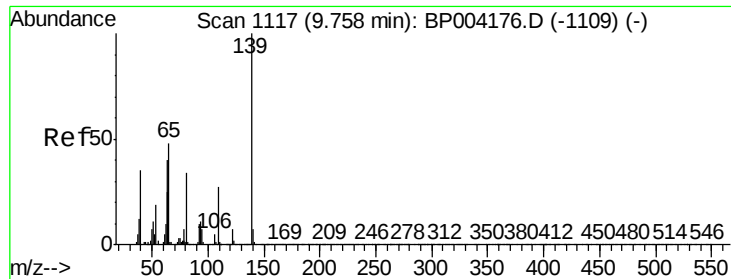
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#23
Isophorone
Concen: 2.513 ng/ul
RT: 9.56 min Scan# 1084
Delta R.T. -0.01 min
Lab File: BP004186.D
Acq: 07 Dec 2020 17:02

Tgt Ion	Ratio	Lower	Upper
82	100		
95	7.1	6.0	9.0
138	17.4	14.6	21.8





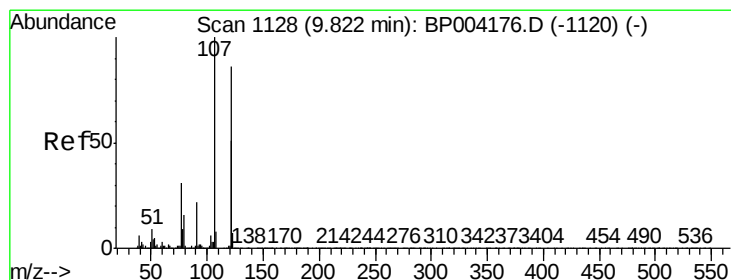
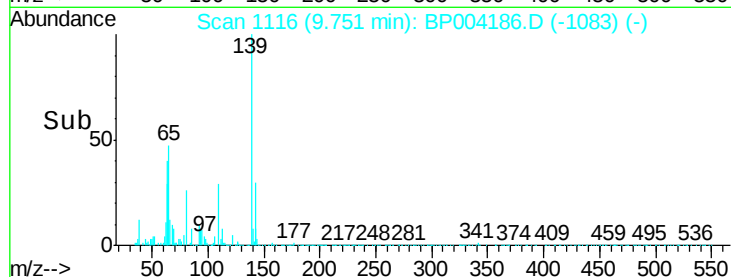
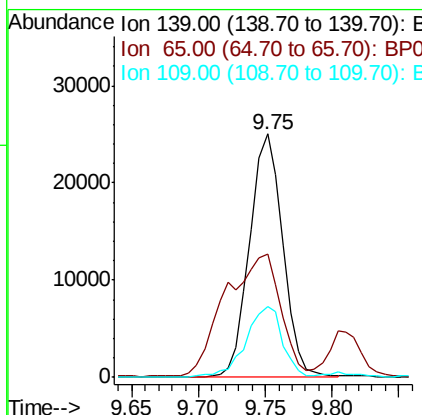
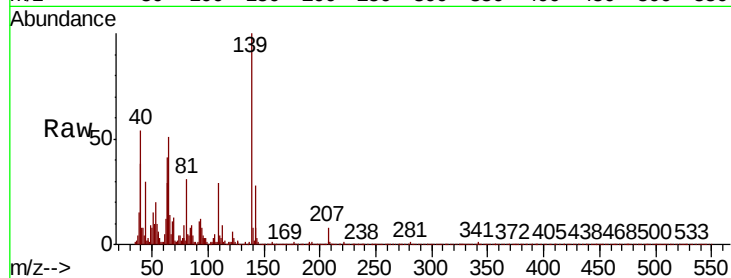
#25
2-Nitrophenol
Concen: 2.762 ng/ul
RT: 9.75 min Scan# 1116
Delta R.T. -0.01 min
Lab File: BP004186.D
Acq: 07 Dec 2020 17:02

Instrument :
BNA_P
ClientSampleId :
MDL-ME-SOIL-04

Tot Ion	Ratio	Lower	Upper
139	100		
65	50.8	39.8	59.6
109	28.9	24.5	36.7

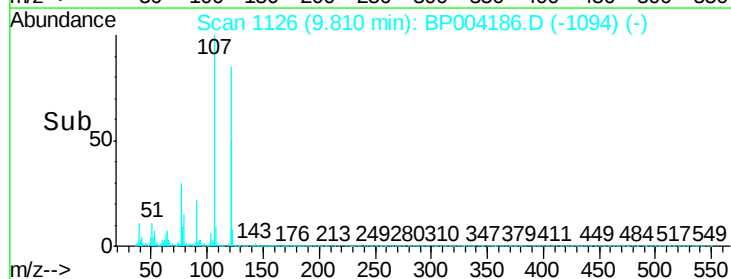
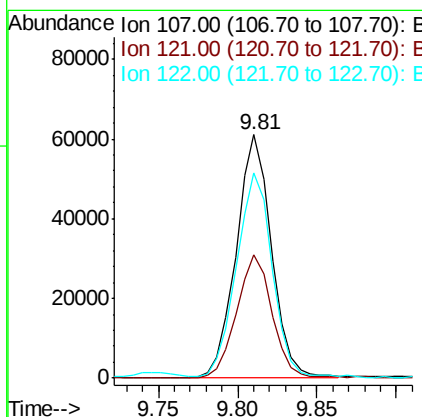
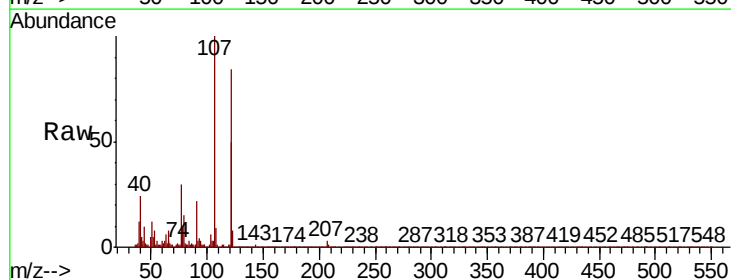
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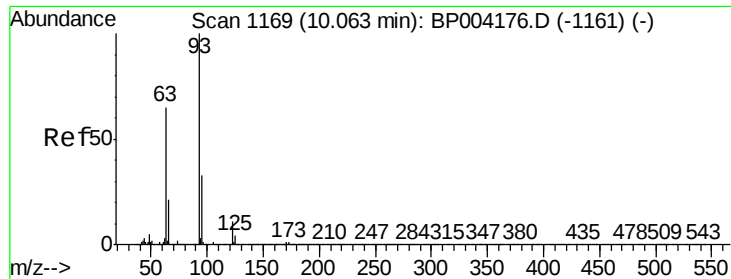
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#26
2,4-Dimethylphenol
Concen: 2.484 ng/ul
RT: 9.81 min Scan# 1126
Delta R.T. -0.01 min
Lab File: BP004186.D
Acq: 07 Dec 2020 17:02

Tgt Ion	Ratio	Lower	Upper
107	100		
121	50.5	40.4	60.6
122	84.4	67.6	101.4





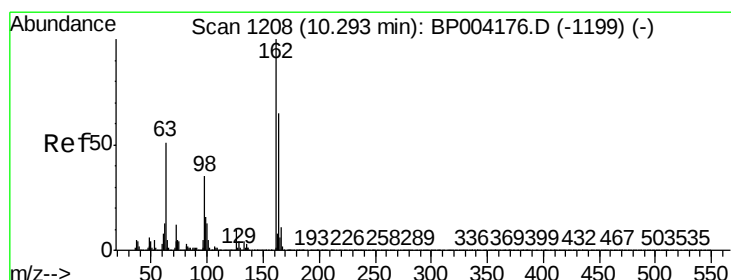
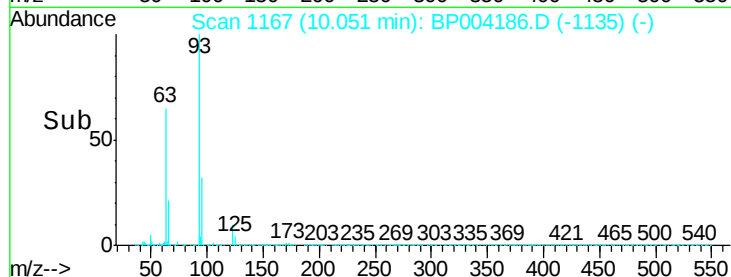
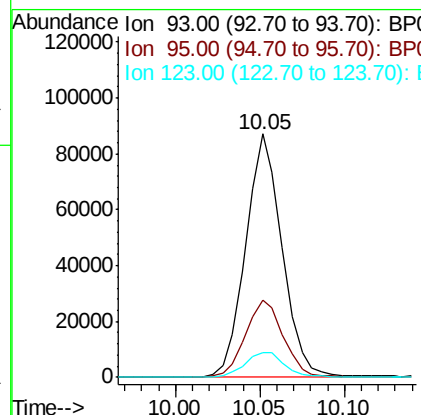
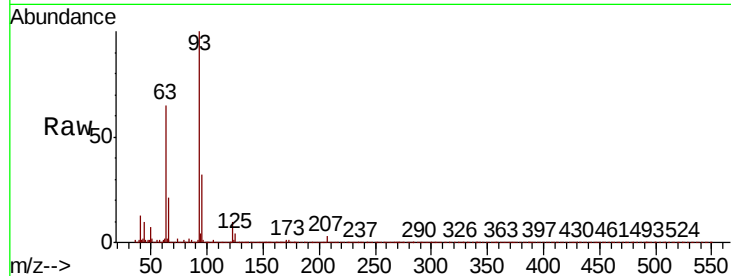
#27
Bis(2-Chloroethoxy)methane
Concen: 2.788 ng/ul
RT: 10.05 min Scan# 1167
Delta R.T. -0.01 min
Lab File: BP004186.D
Acq: 07 Dec 2020 17:02

Instrument :
BNA_P
ClientSampleId :
MDL-ME-SOIL-04

Tot Ion:	93	Resp:	130149
Ion Ratio	Lower	Upper	
93	100		
95	31.7	27.0	40.4
123	10.4	8.8	13.2

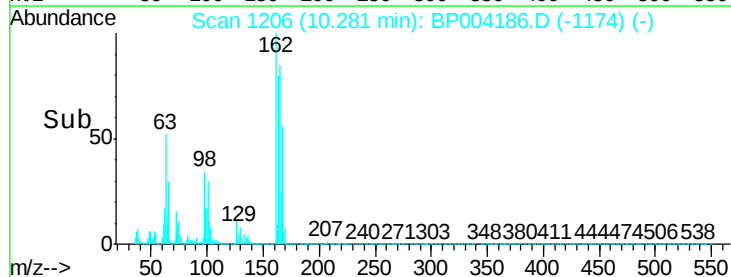
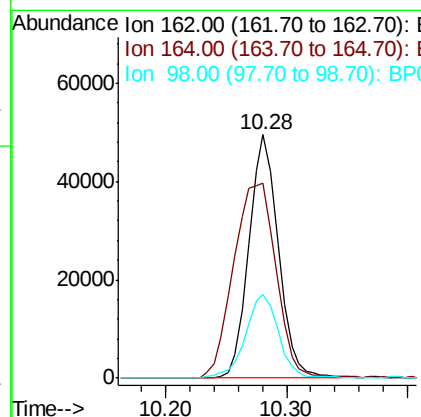
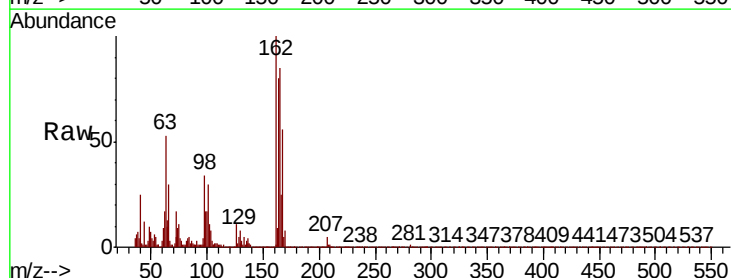
Manual Integrations
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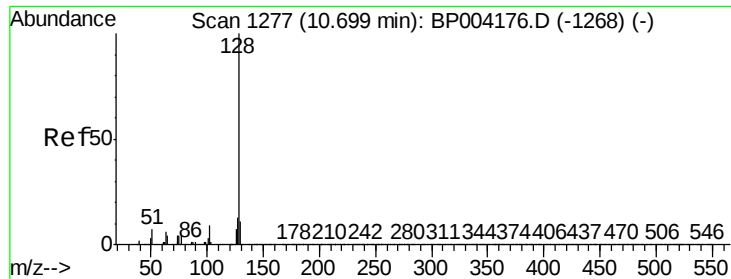
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#29
2,4-Dichlorophenol
Concen: 2.702 ng/ul m
RT: 10.28 min Scan# 1206
Delta R.T. -0.01 min
Lab File: BP004186.D
Acq: 07 Dec 2020 17:02

Tgt Ion:	162	Resp:	83565
Ion Ratio	Lower	Upper	
162	100		
164	79.8	51.9	77.9#
98	34.1	30.4	45.6





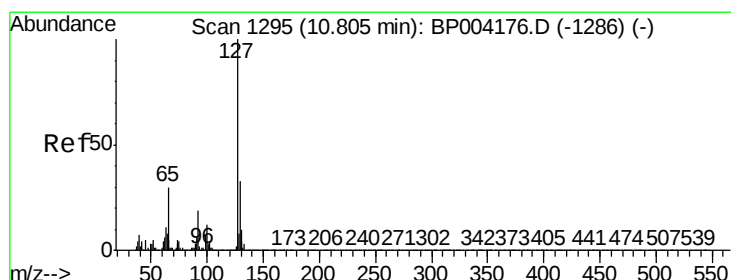
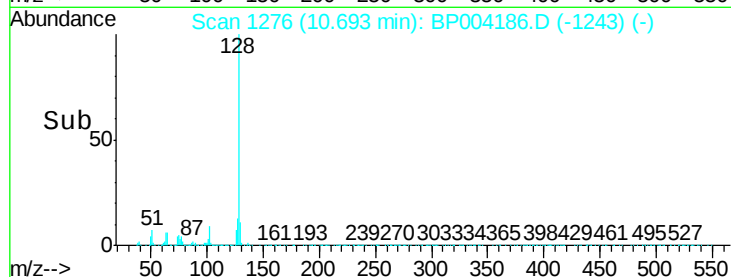
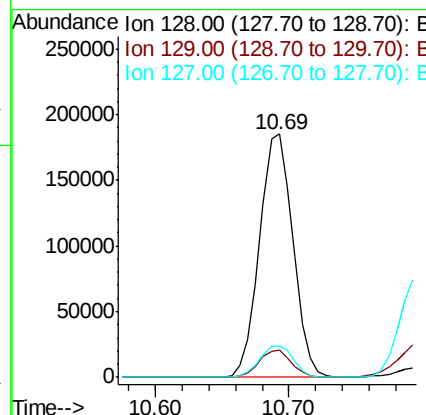
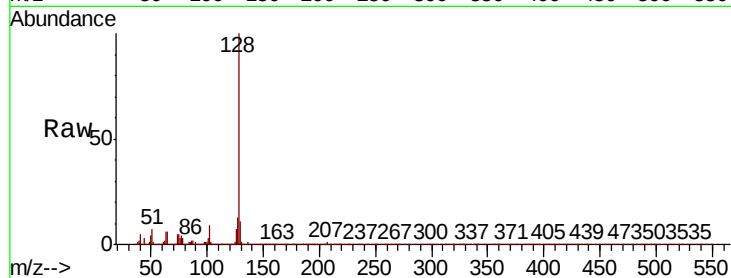
#30
Naphthalene
Concen: 2.933 ng/ul
RT: 10.69 min Scan# 1276
Delta R.T. -0.01 min
Lab File: BP004186.D
Acq: 07 Dec 2020 17:02

Instrument :
BNA_P
ClientSampleId :
MDL-ME-SOIL-04

Tot Ion:	128	Resp:	320498
Ion Ratio	Lower	Upper	
128	100		
129	11.3	8.9	13.3
127	12.9	10.4	15.6

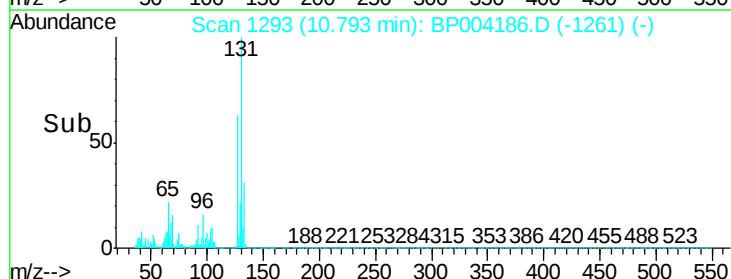
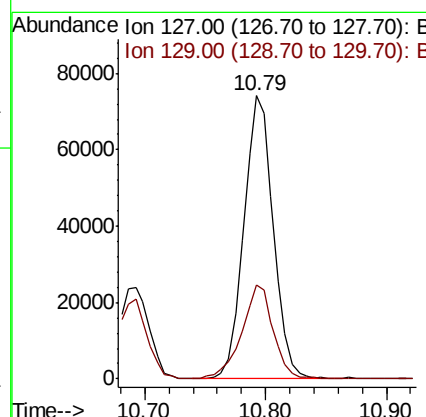
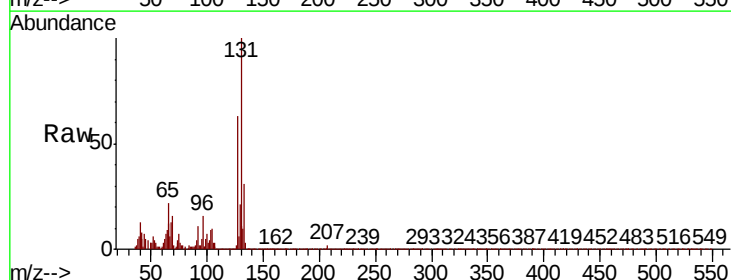
Manual Integrations
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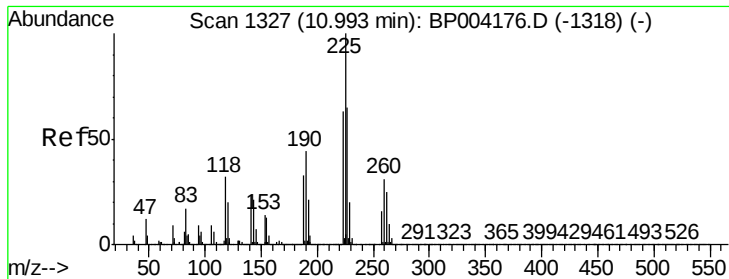
mohammad
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#32
4-Chloroaniline
Concen: 2.801 ng/ul
RT: 10.79 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BP004186.D
Acq: 07 Dec 2020 17:02

Tgt Ion:	127	Resp:	125660
Ion Ratio	Lower	Upper	
127	100		
129	33.3	25.3	37.9





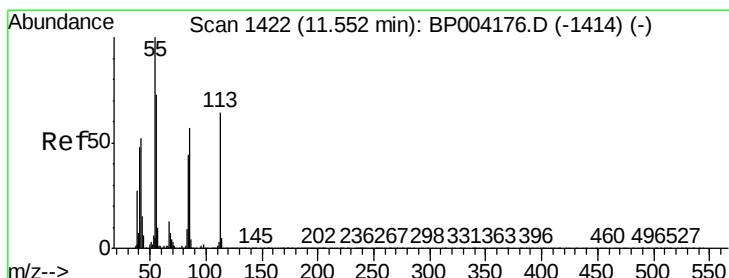
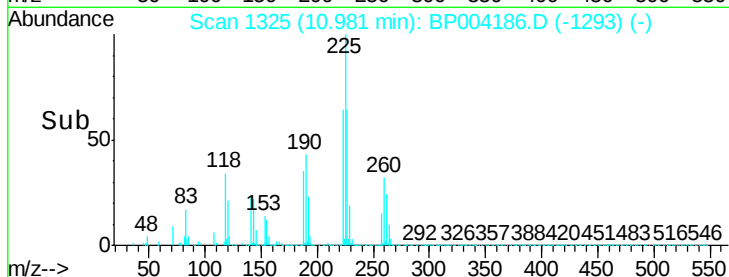
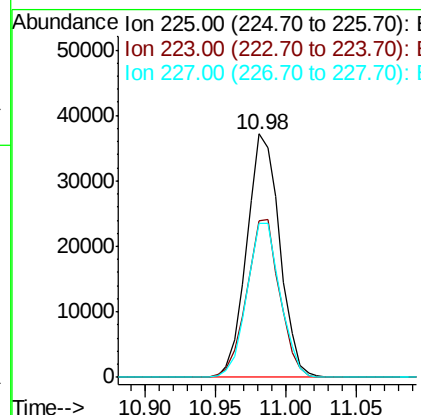
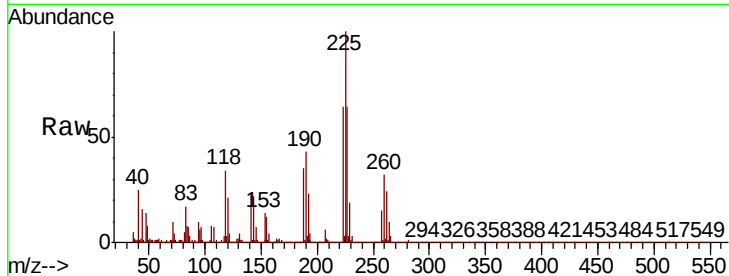
#33
Hexachlorobutadiene
Concen: 2.745 ng/ul
RT: 10.98 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BP004186.D
Acq: 07 Dec 2020 17:02

Instrument :
BNA_P
ClientSampleId :
MDL-ME-SOIL-04

Tot Ion:	225	Resp:	60913
Ion Ratio	Lower	Upper	
225	100		
223	64.5	49.9	74.9
227	63.5	50.9	76.3

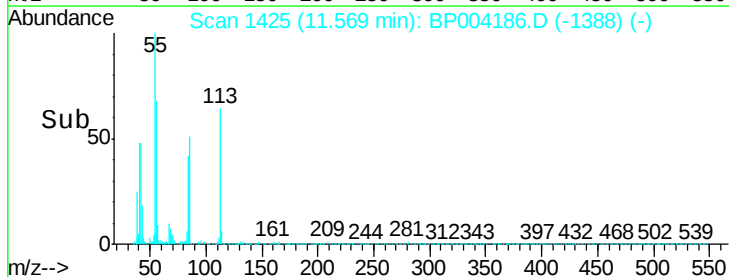
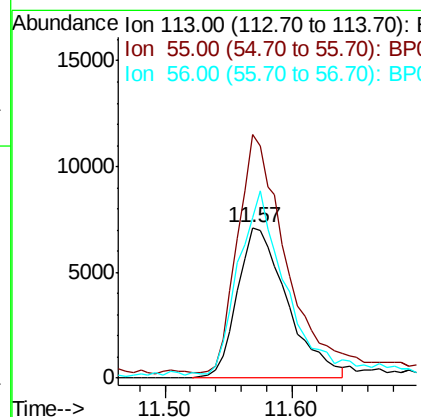
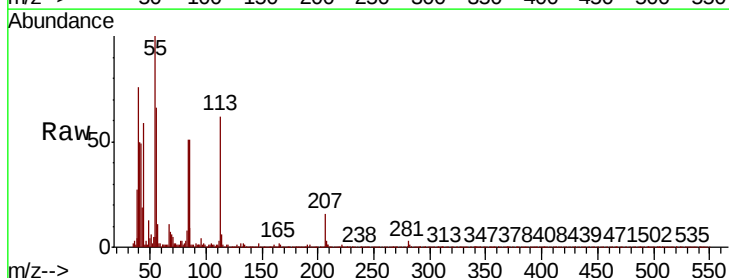
Manual Integrations
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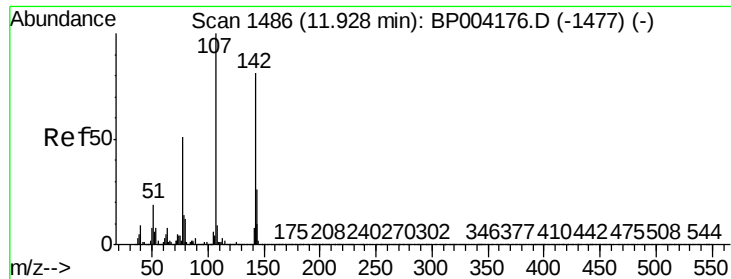
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#34
Caprolactam
Concen: 1.704 ng/ul
RT: 11.57 min Scan# 1425
Delta R.T. 0.02 min
Lab File: BP004186.D
Acq: 07 Dec 2020 17:02

Tgt Ion:	113	Resp:	19443
Ion Ratio	Lower	Upper	
113	100		
55	161.9	136.3	204.5
56	107.0	93.2	139.8





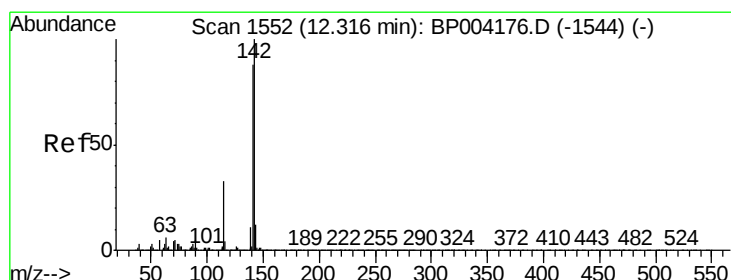
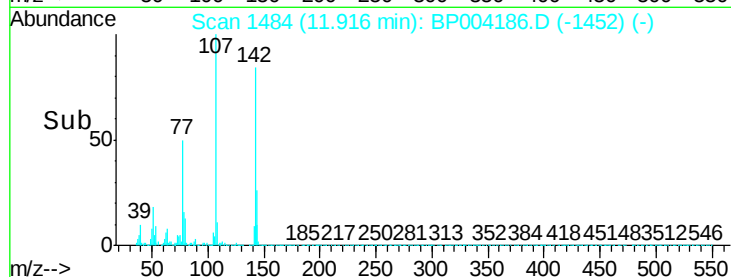
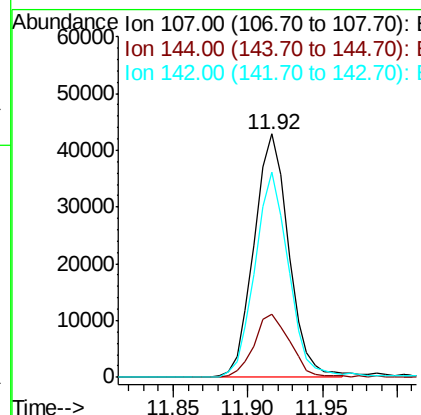
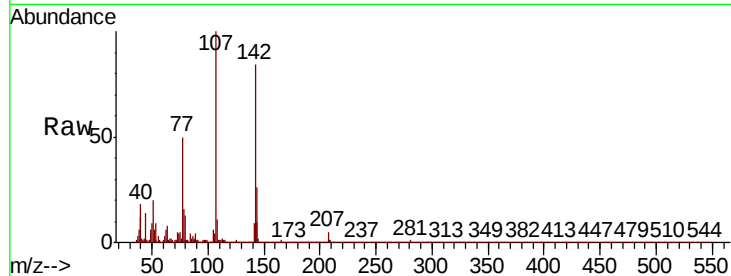
#35
4-Chloro-3-methylphenol
Concen: 2.006 ng/ul
RT: 11.92 min Scan# 1484
Delta R.T. -0.01 min
Lab File: BP004186.D
Acq: 07 Dec 2020 17:02

Instrument :
BNA_P
ClientSampleId :
MDL-ME-SOIL-04

Tot Ion	Ratio	Lower	Upper
107	100		
144	25.9	20.1	30.1
142	84.3	63.4	95.0

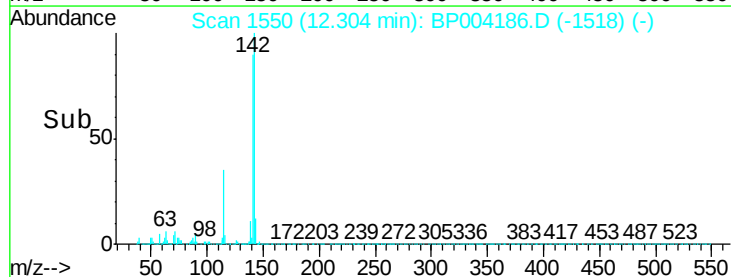
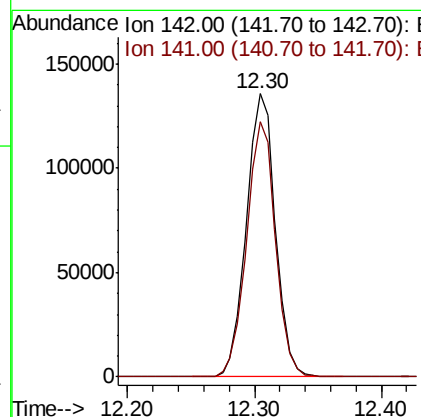
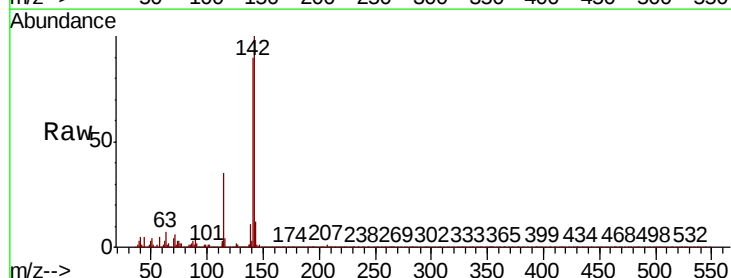
Manual Integrations
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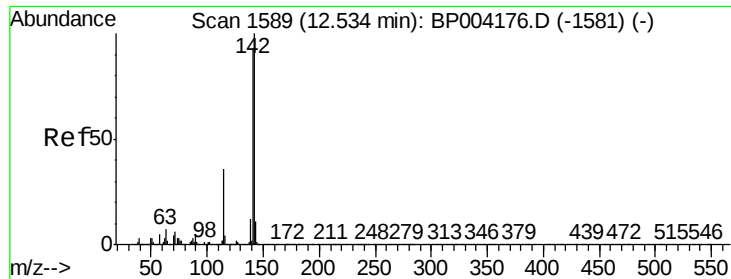
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#36
2-Methylnaphthalene
Concen: 2.797 ng/ul
RT: 12.30 min Scan# 1550
Delta R.T. -0.01 min
Lab File: BP004186.D
Acq: 07 Dec 2020 17:02

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.3	71.1	106.7





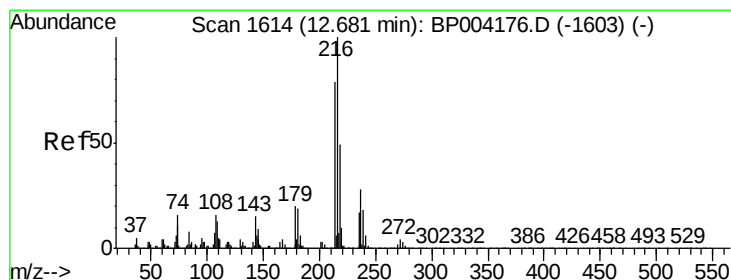
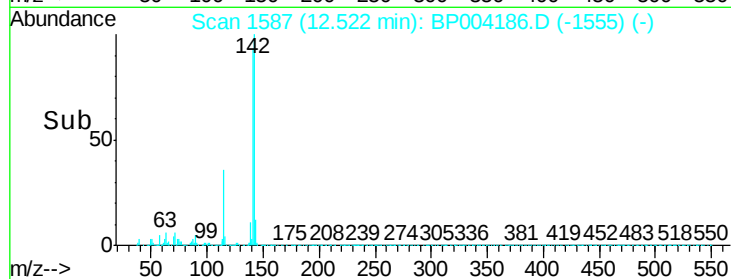
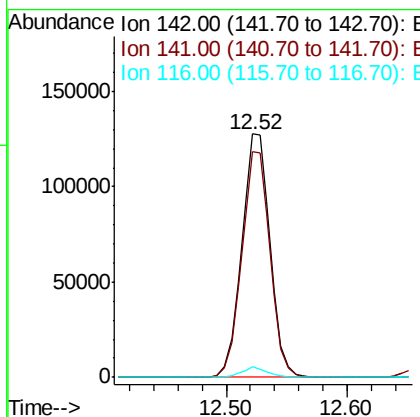
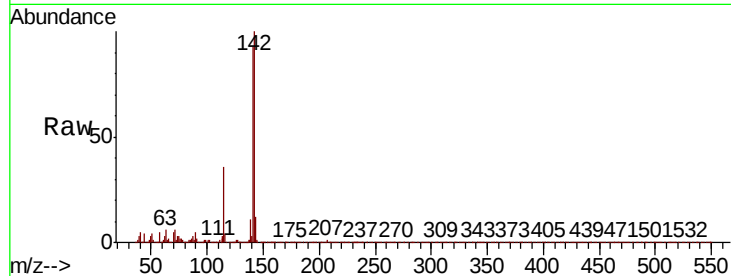
#37
 1-Methylnaphthalene
 Concen: 2.799 ng/ul
 RT: 12.52 min Scan# 1587
 Delta R.T. -0.01 min
 Lab File: BP004186.D
 Acq: 07 Dec 2020 17:02

Instrument :
 BNA_P
 ClientSampleId :
 MDL-ME-SOIL-04

Tot Ion:	142	Resp:	207099
Ion Ratio	Lower	Upper	
142	100		
141	92.7	74.6	112.0
116	4.2	3.0	4.4

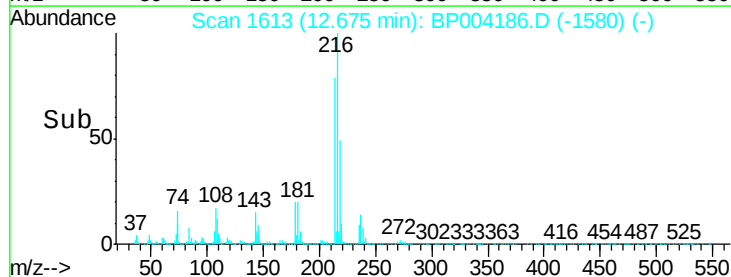
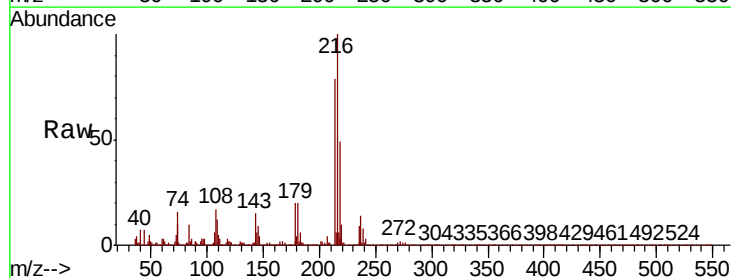
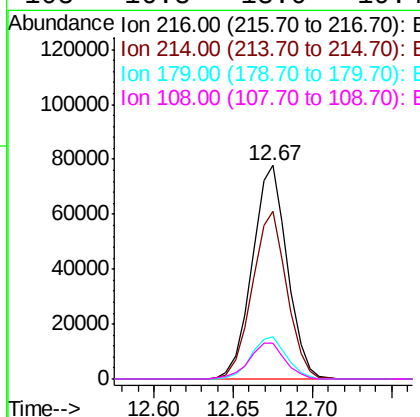
Manual Integrations
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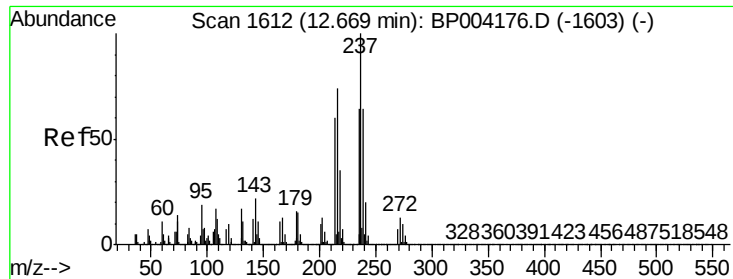
mohammad
 12/8/2020 2:05:42 PM



#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 2.913 ng/ul
 RT: 12.67 min Scan# 1613
 Delta R.T. -0.01 min
 Lab File: BP004186.D
 Acq: 07 Dec 2020 17:02

Tgt Ion:	216	Resp:	118957
Ion Ratio	Lower	Upper	
216	100		
214	78.7	62.4	93.6
179	20.1	16.6	25.0
108	16.8	13.0	19.4





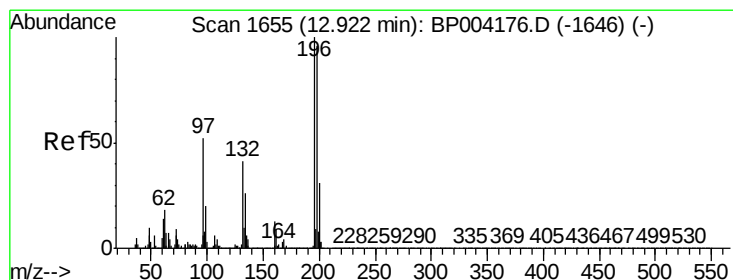
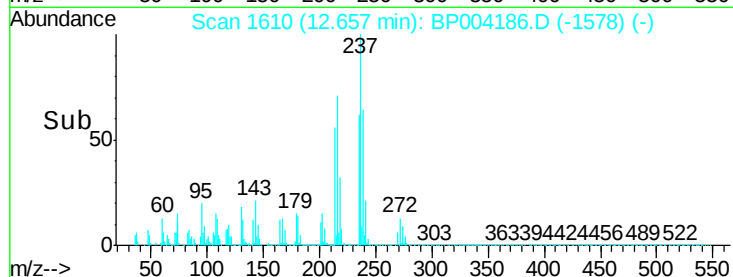
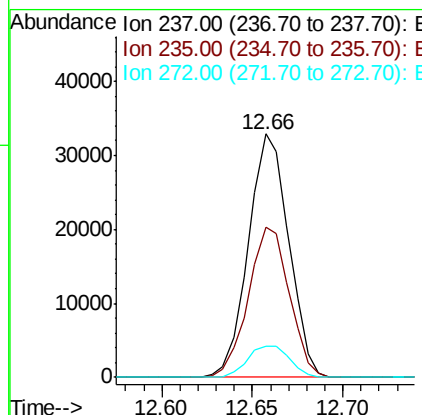
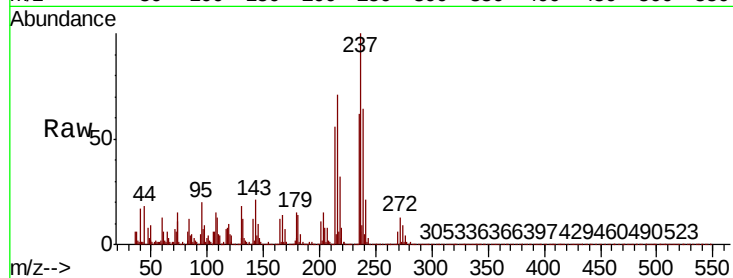
#40
Hexachlorocyclopentadiene
Concen: 1.993 ng/ul
RT: 12.66 min Scan# 1610
Delta R.T. -0.01 min
Lab File: BP004186.D
Acq: 07 Dec 2020 17:02

Instrument :
BNA_P
ClientSampleId :
MDL-ME-SOIL-04

Tot Ion	Ratio	Lower	Upper
237	100		
235	61.5	50.6	75.8
272	13.0	10.3	15.5

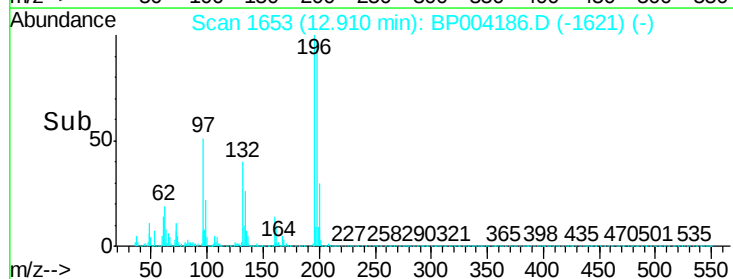
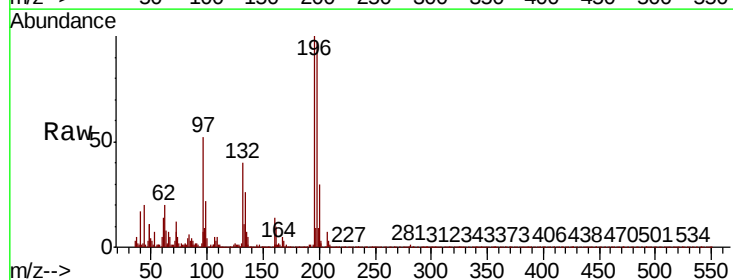
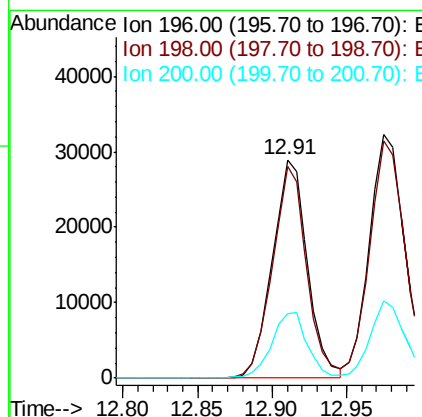
Manual Integrations
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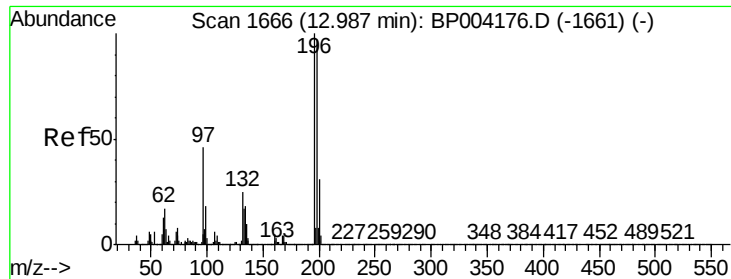
mohammad
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#41
2,4,6-Trichlorophenol
Concen: 2.010 ng/ul
RT: 12.91 min Scan# 1653
Delta R.T. -0.01 min
Lab File: BP004186.D
Acq: 07 Dec 2020 17:02

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.0	75.9	113.9
200	29.7	24.6	36.8





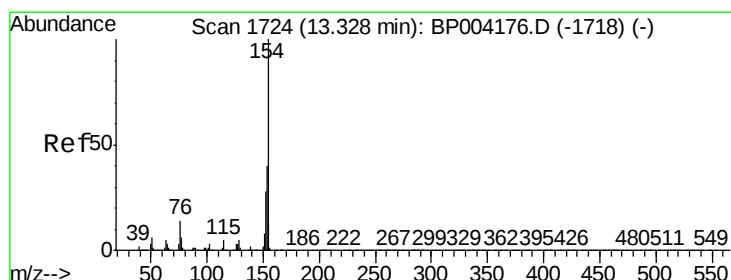
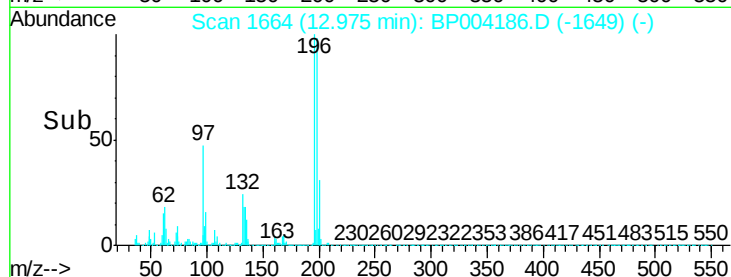
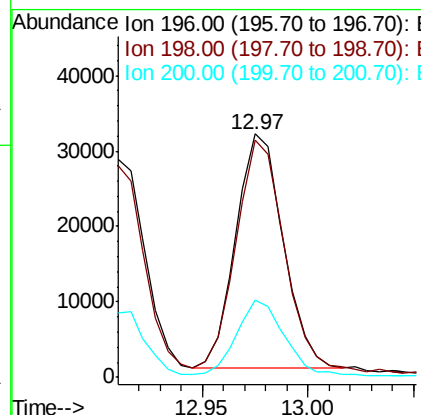
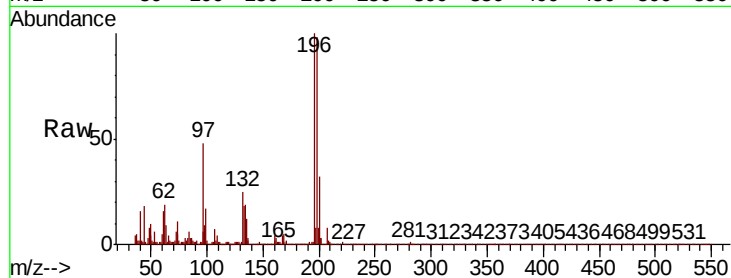
#42
 2,4,5-Trichlorophenol
 Concen: 1.919 ng/ul
 RT: 12.97 min Scan# 1664
 Delta R.T. -0.01 min
 Lab File: BP004186.D
 Acq: 07 Dec 2020 17:02

Instrument :
 BNA_P
 ClientSampleId :
 MDL-ME-SOIL-04

Tot Ion	Ratio	Lower	Upper
196	100		
198	97.5	78.2	117.4
200	31.8	25.1	37.7

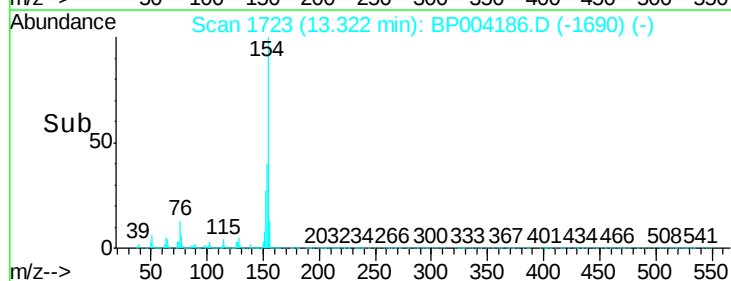
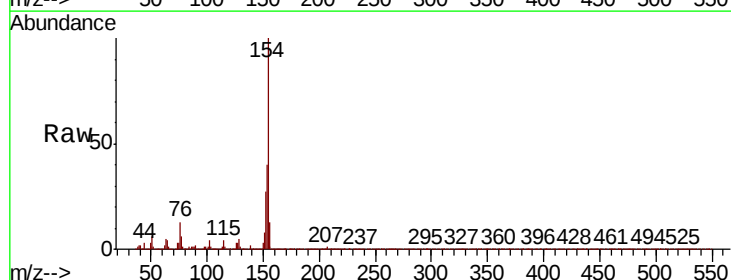
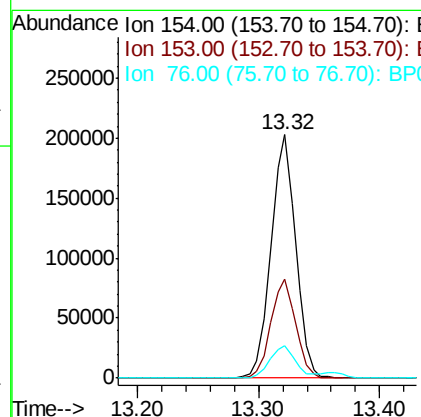
Manual Integrations
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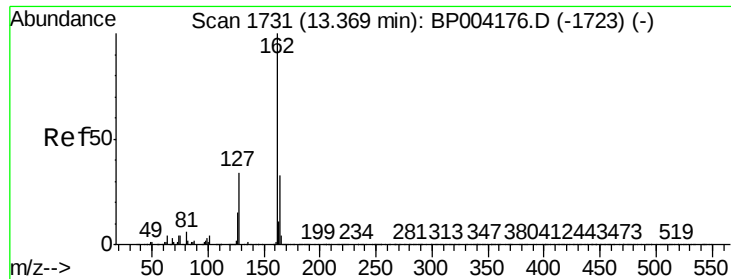
mohammad
 12/8/2020 2:05:42 PM



#43
 1,1'-Biphenyl
 Concen: 2.934 ng/ul
 RT: 13.32 min Scan# 1723
 Delta R.T. -0.01 min
 Lab File: BP004186.D
 Acq: 07 Dec 2020 17:02

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.5	32.2	48.2
76	13.4	10.8	16.2





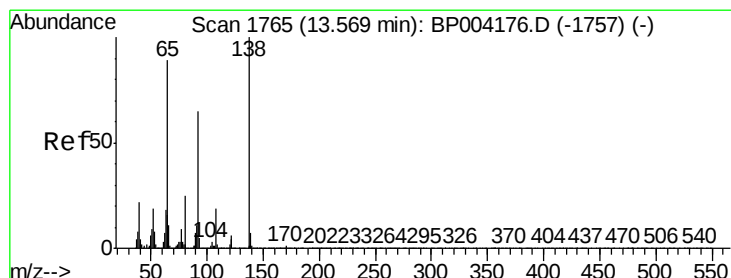
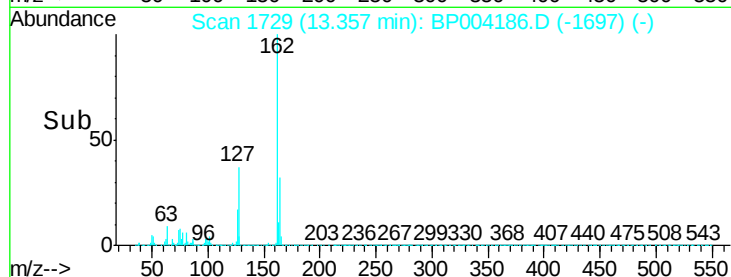
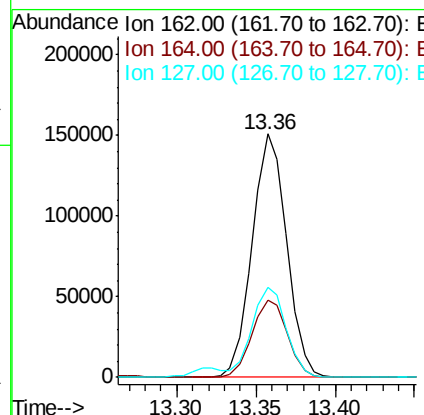
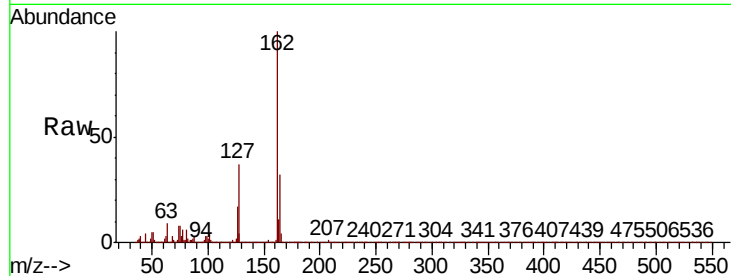
#44
 2-Chloronaphthalene
 Concen: 2.960 ng/ul
 RT: 13.36 min Scan# 1729
 Delta R.T. -0.01 min
 Lab File: BP004186.D
 Acq: 07 Dec 2020 17:02

Instrument :
 BNA_P
 ClientSampleId :
 MDL-ME-SOIL-04

Tot Ion	Ratio	Lower	Upper
162	100		
164	31.9	26.2	39.4
127	36.8	30.4	45.6

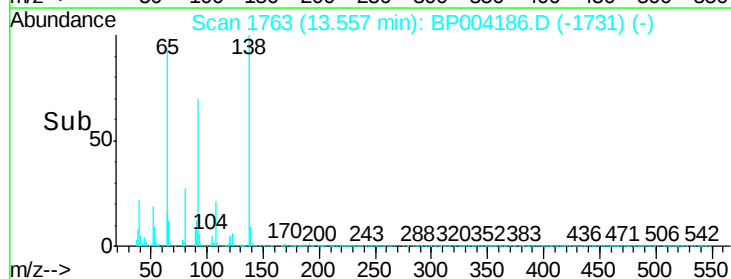
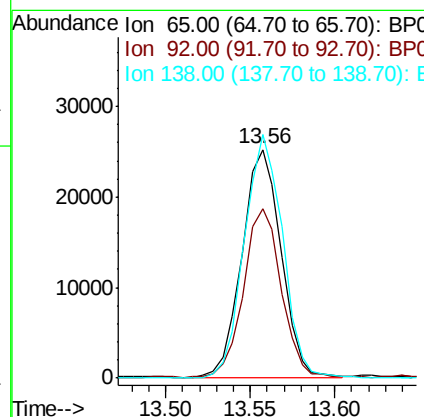
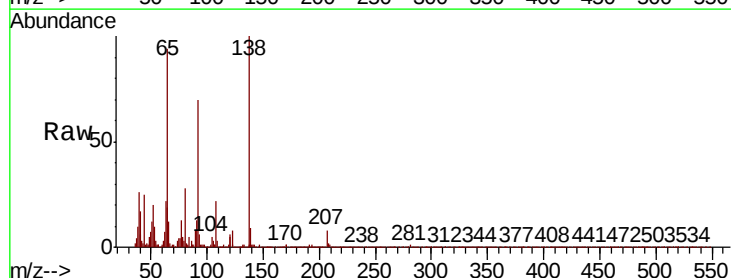
Manual Integrations
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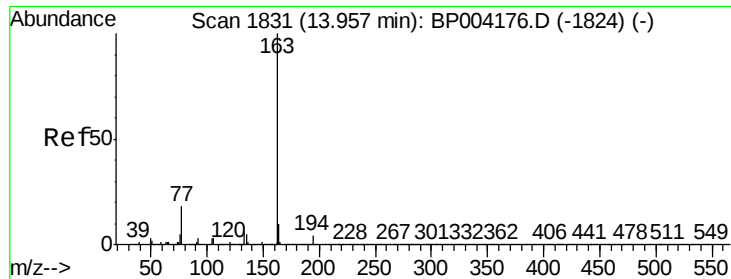
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#45
 2-Nitroaniline
 Concen: 2.147 ng/ul
 RT: 13.56 min Scan# 1763
 Delta R.T. -0.01 min
 Lab File: BP004186.D
 Acq: 07 Dec 2020 17:02

Tgt Ion	Ratio	Lower	Upper
65	100		
92	74.1	59.4	89.2
138	106.6	89.6	134.4





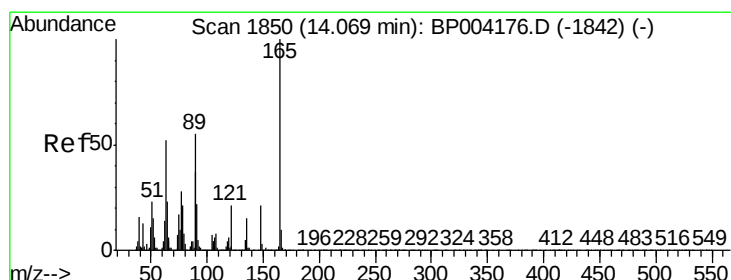
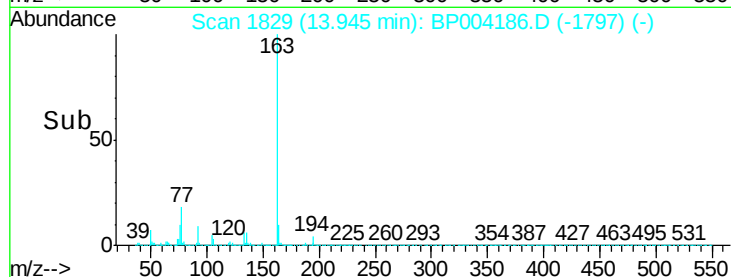
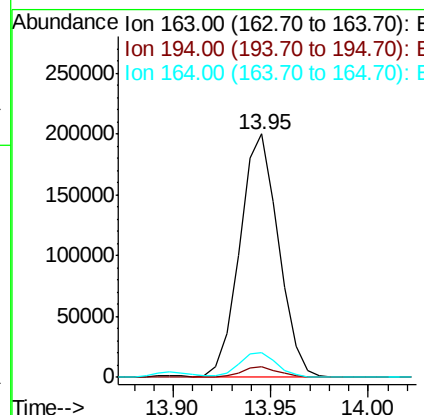
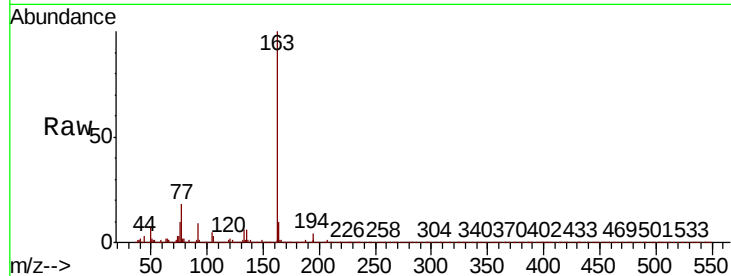
#47
Dimethylphthalate
Concen: 2.801 ng/ul
RT: 13.95 min Scan# 1829
Delta R.T. -0.01 min
Lab File: BP004186.D
Acq: 07 Dec 2020 17:02

Instrument :
BNA_P
ClientSampleId :
MDL-ME-SOIL-04

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.0
164	10.3	8.1	12.1

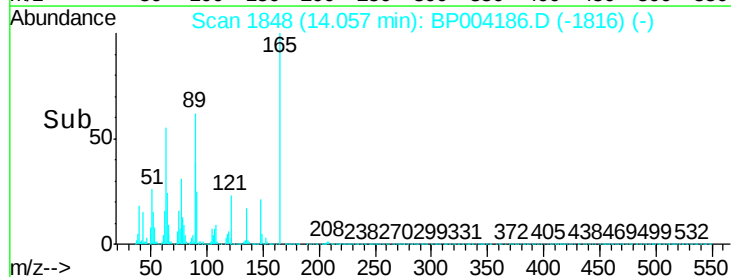
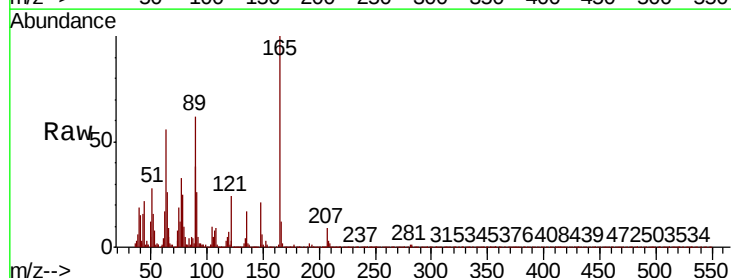
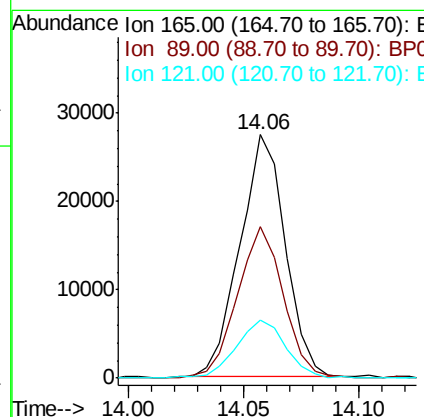
Manual Integrations
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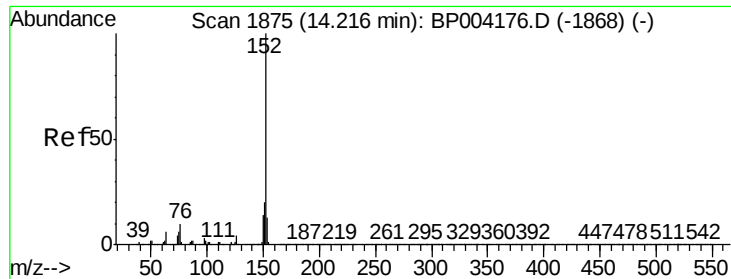
mohammad
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#48
2,6-Dinitrotoluene
Concen: 2.116 ng/ul
RT: 14.06 min Scan# 1848
Delta R.T. -0.01 min
Lab File: BP004186.D
Acq: 07 Dec 2020 17:02

Tgt Ion	Ratio	Lower	Upper
165	100		
89	62.1	45.2	67.8
121	23.8	17.9	26.9





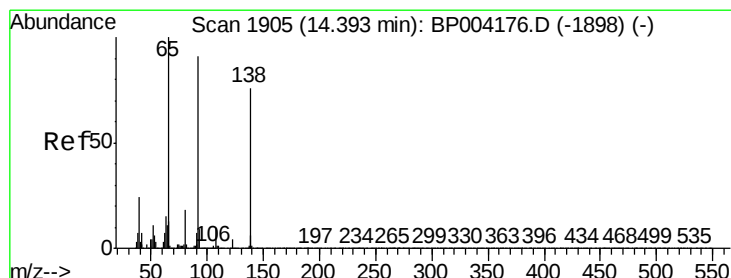
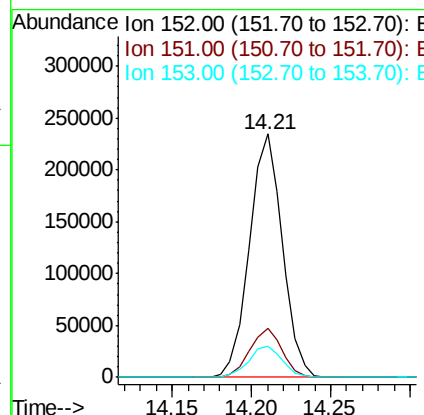
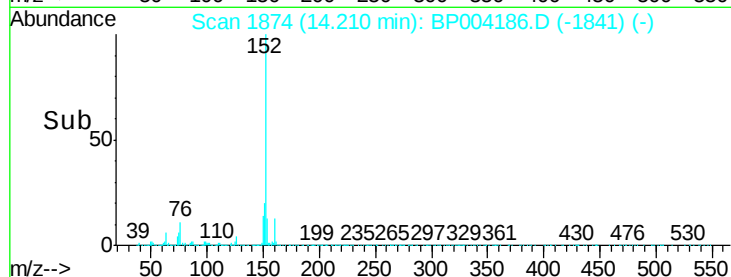
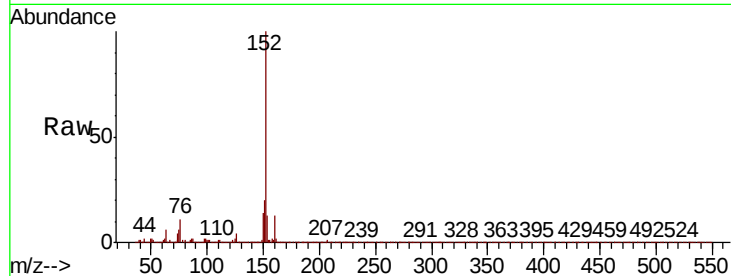
#50
Acenaphthylene
Concen: 2.874 ng/ul
RT: 14.21 min Scan# 1874
Delta R.T. -0.01 min
Lab File: BP004186.D
Acq: 07 Dec 2020 17:02

Instrument :
BNA_P
ClientSampleId :
MDL-ME-SOIL-04

Tot Ion	Ion	Ratio	Resp	Lower	Upper
152	100				
151	19.9	16.1	24.1		
153	12.6	10.5	15.7		

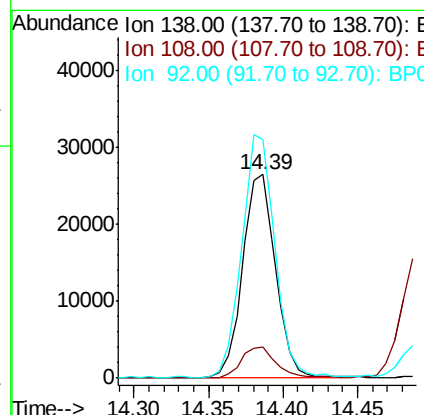
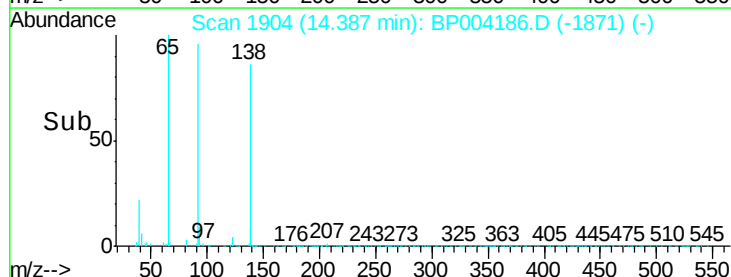
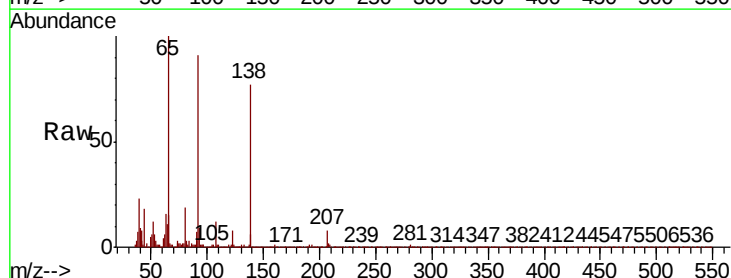
Manual Integrations
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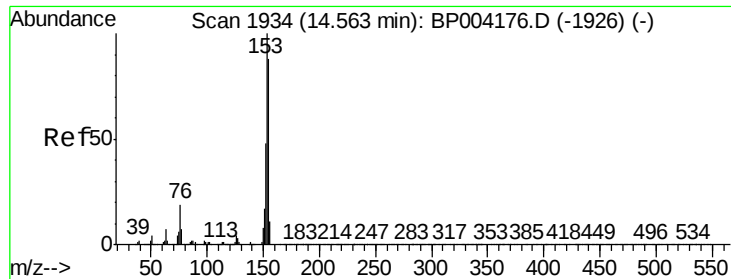
mohammad
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#51
3-Nitroaniline
Concen: 2.433 ng/ul
RT: 14.39 min Scan# 1904
Delta R.T. -0.01 min
Lab File: BP004186.D
Acq: 07 Dec 2020 17:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
138	100				
108	15.4	12.6	19.0		
92	117.1	93.3	139.9		





#52

Acenaphthene

Concen: 2.798 ng/ul

RT: 14.55 min Scan# 1932

Delta R.T. -0.01 min

Lab File: BP004186.D

Acq: 07 Dec 2020 17:02

Instrument :

BNA_P

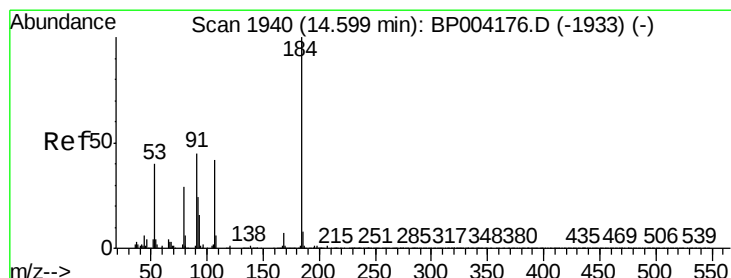
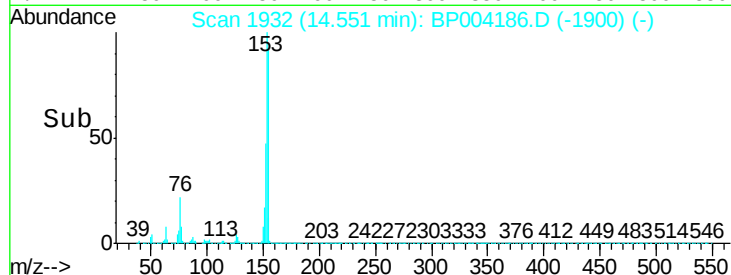
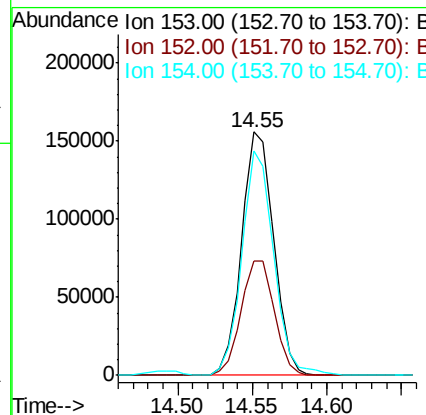
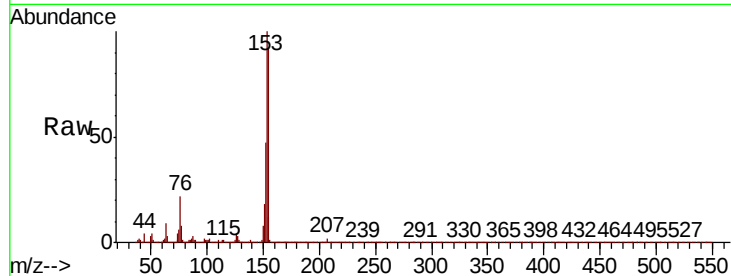
ClientSampleId :

MDL-ME-SOIL-04

Tot Ion:	153	Resp:	232142
Ion Ratio	Lower	Upper	
153	100		
152	47.2	38.0	57.0
154	91.9	70.5	105.7

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#53

2,4-Dinitrophenol

Concen: 1.415 ng/ul

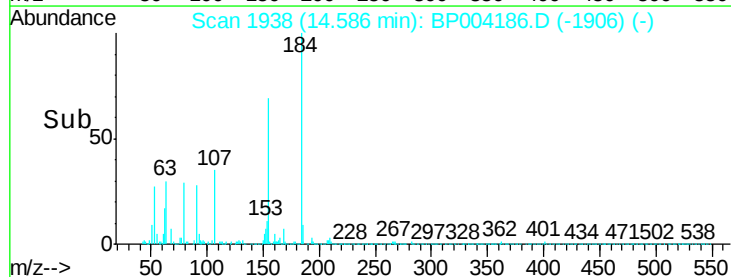
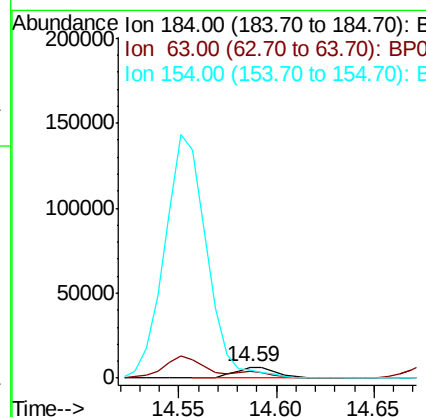
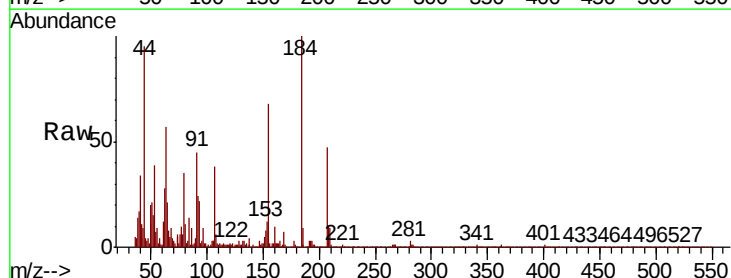
RT: 14.59 min Scan# 1938

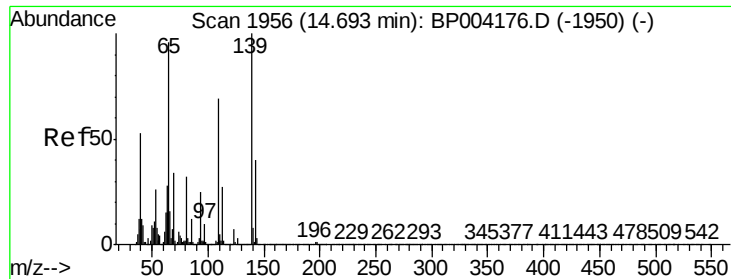
Delta R.T. -0.01 min

Lab File: BP004186.D

Acq: 07 Dec 2020 17:02

Tgt Ion:	184	Resp:	9705
Ion Ratio	Lower	Upper	
184	100		
63	56.8	43.6	65.4
154	68.5	46.9	70.3





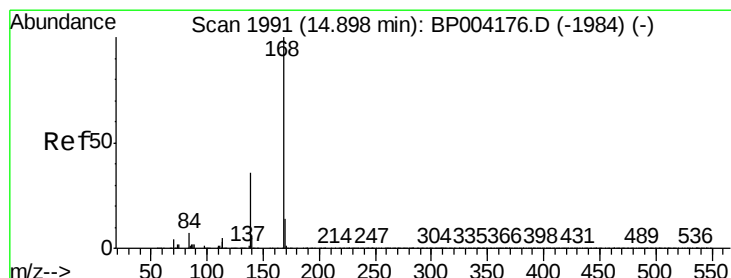
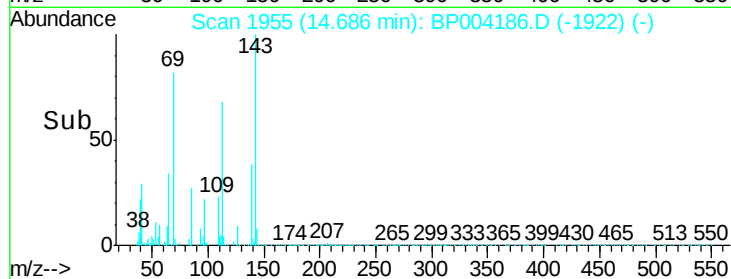
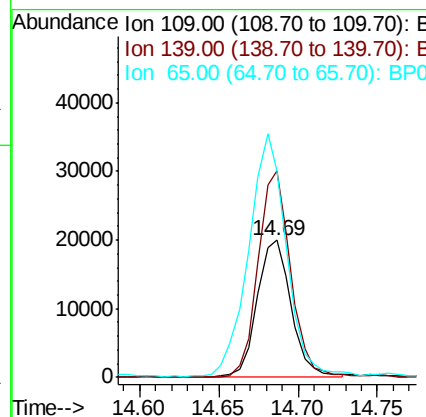
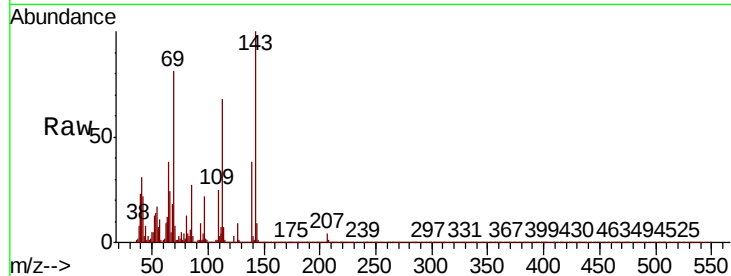
#55
4-Nitrophenol
Concen: 2.494 ng/ul
RT: 14.69 min Scan# 1955
Delta R.T. -0.01 min
Lab File: BP004186.D
Acq: 07 Dec 2020 17:02

Instrument :
BNA_P
ClientSampleId :
MDL-ME-SOIL-04

Tot Ion	Ratio	Lower	Upper
109	100		
139	150.4	111.9	167.9
65	150.1	99.2	148.8

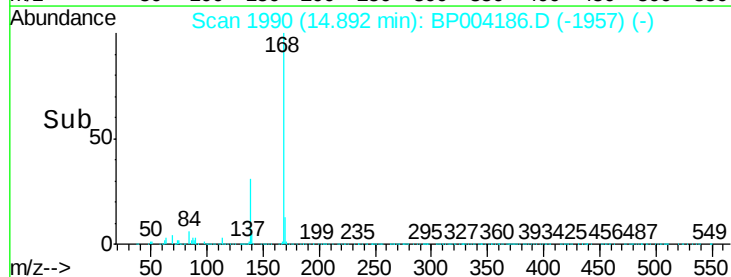
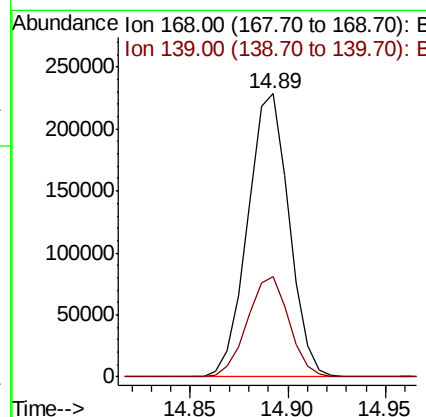
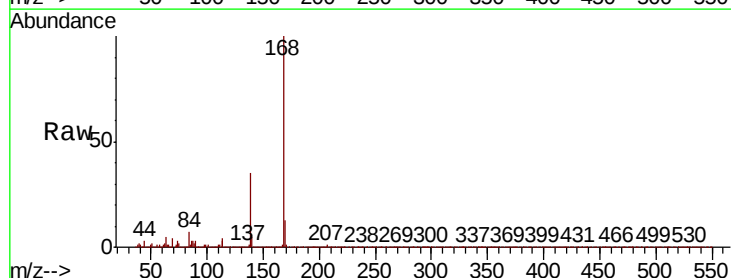
Manual Integrations
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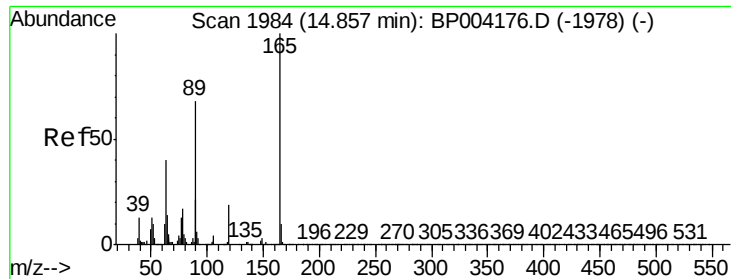
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#56
Dibenzofuran
Concen: 2.914 ng/ul
RT: 14.89 min Scan# 1990
Delta R.T. -0.01 min
Lab File: BP004186.D
Acq: 07 Dec 2020 17:02

Tgt Ion	Ratio	Lower	Upper
168	100		
139	35.3	28.6	42.8





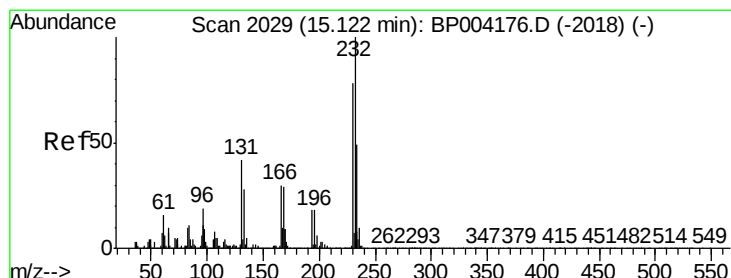
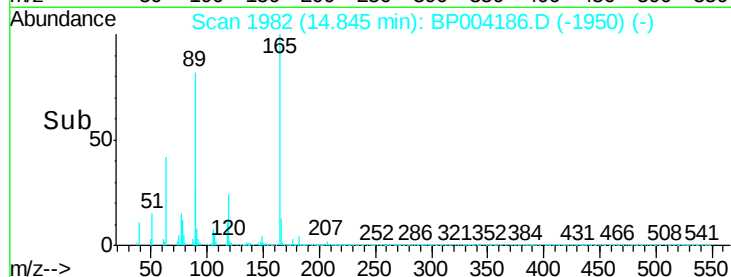
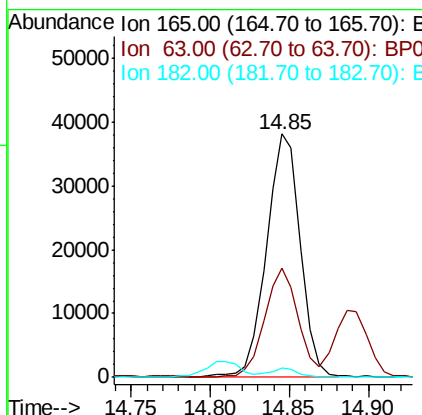
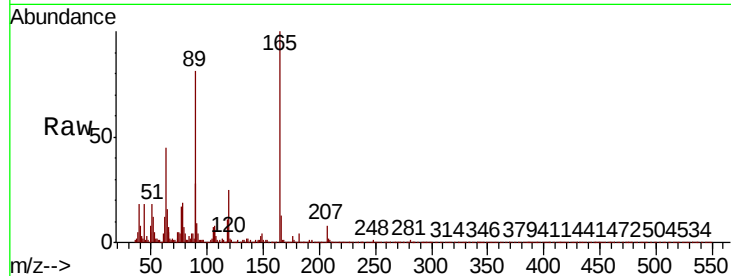
#57
2,4-Dinitrotoluene
Concen: 2.325 ng/ul
RT: 14.85 min Scan# 1982
Delta R.T. -0.01 min
Lab File: BP004186.D
Acq: 07 Dec 2020 17:02

Instrument :
BNA_P
ClientSampleId :
MDL-ME-SOIL-04

Tot Ion	Ratio	Lower	Upper
165	100		
63	44.8	32.1	48.1
182	4.0	2.4	3.6#

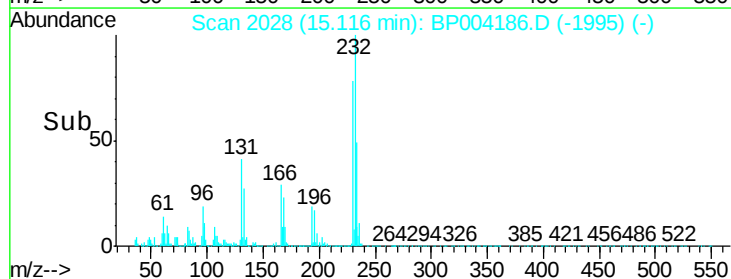
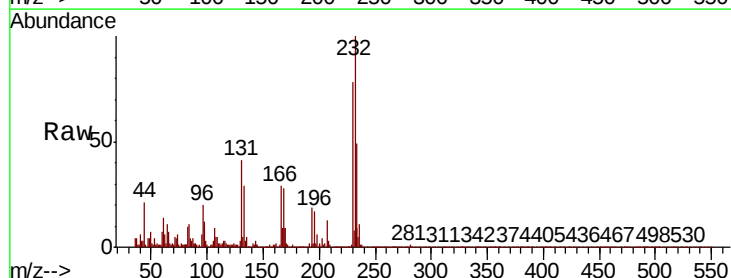
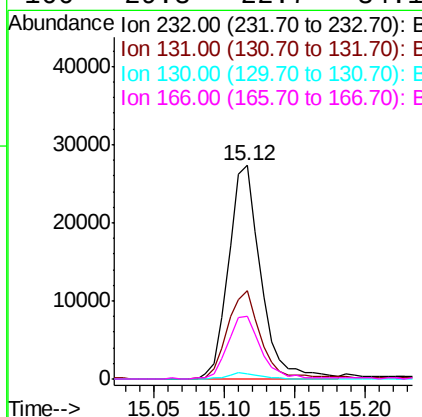
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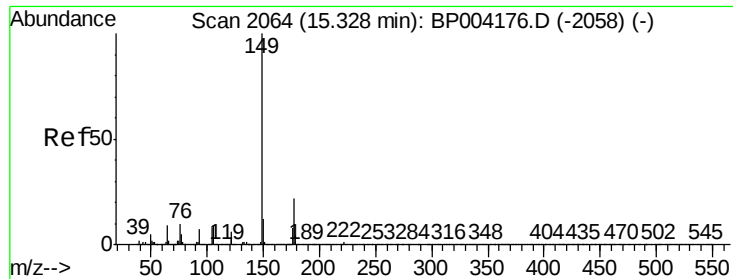
mohammad
12/8/2020 2:05:42 PM



#58
2,3,4,6-Tetrachlorophenol
Concen: 2.104 ng/ul
RT: 15.12 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BP004186.D
Acq: 07 Dec 2020 17:02

Tgt Ion	Ratio	Lower	Upper
232	100		
131	41.2	31.5	47.3
130	2.7	1.7	2.5#
166	29.3	22.7	34.1





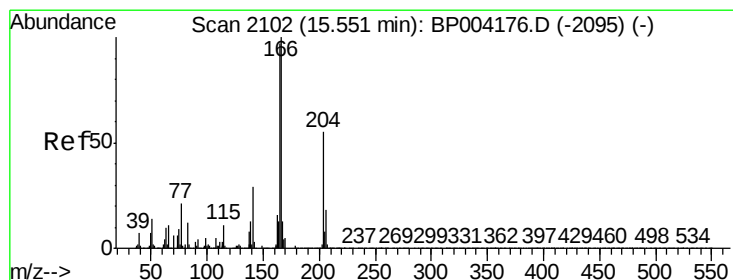
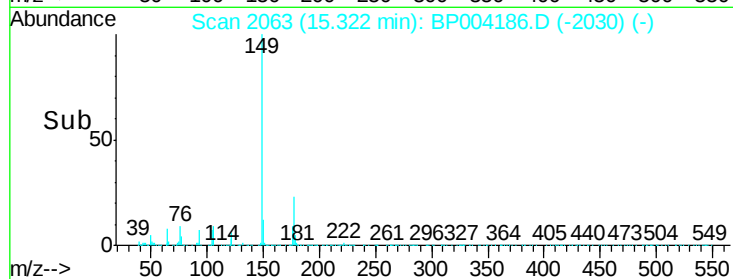
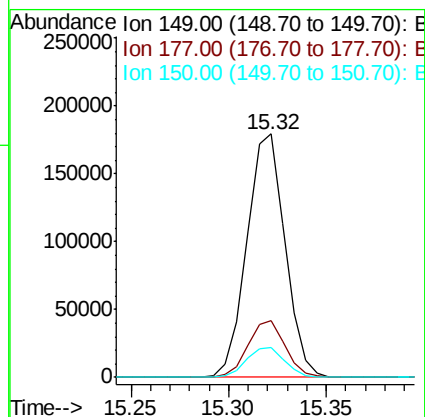
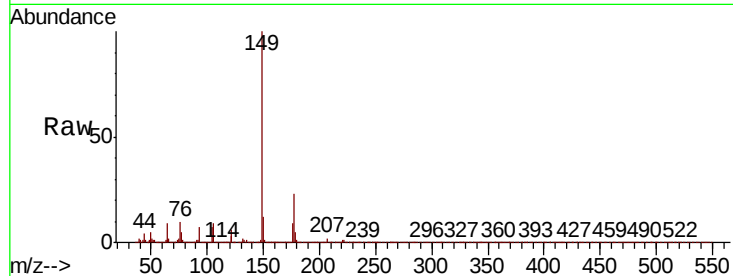
#59
Diethylphthalate
Concen: 2.458 ng/ul
RT: 15.32 min Scan# 2063
Delta R.T. -0.01 min
Lab File: BP004186.D
Acq: 07 Dec 2020 17:02

Instrument :
BNA_P
ClientSampleId :
MDL-ME-SOIL-04

Tot Ion:	149	Resp:	243333
Ion Ratio	Lower	Upper	
149	100		
177	23.5	18.5	27.7
150	12.4	10.1	15.1

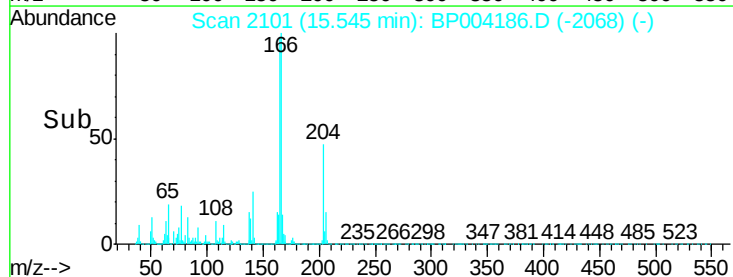
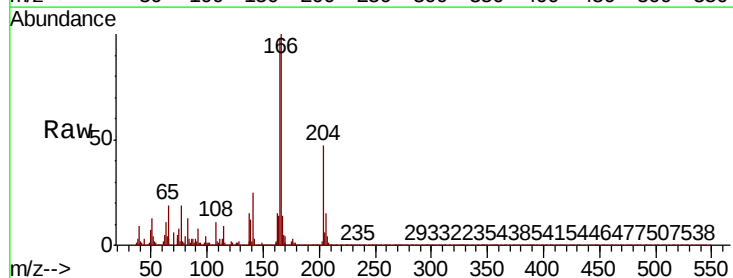
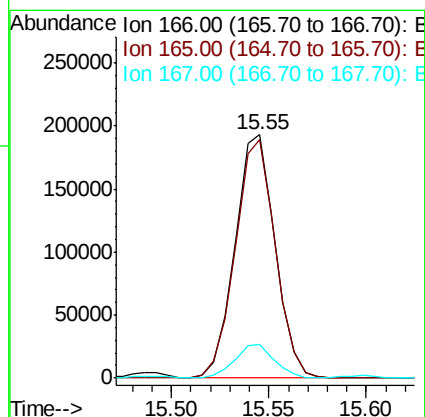
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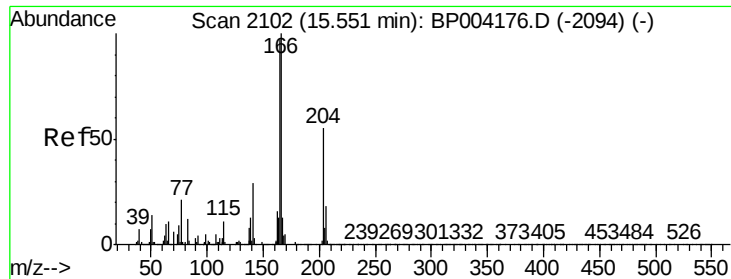
mohammad
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#61
Fluorene
Concen: 2.867 ng/ul
RT: 15.55 min Scan# 2101
Delta R.T. -0.01 min
Lab File: BP004186.D
Acq: 07 Dec 2020 17:02

Tgt Ion:	166	Resp:	273618
Ion Ratio	Lower	Upper	
166	100		
165	97.8	77.8	116.6
167	13.8	11.0	16.4





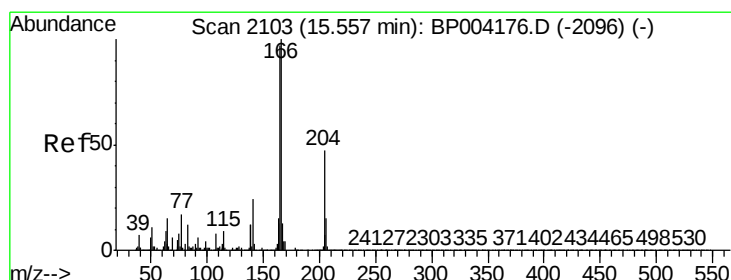
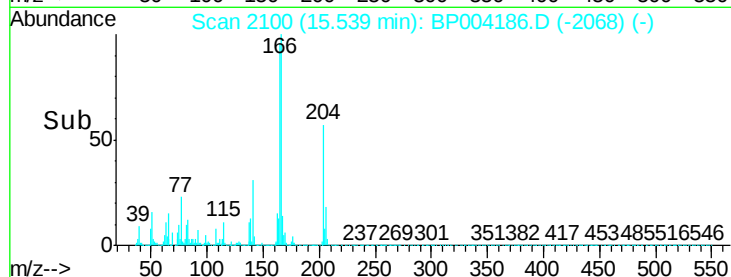
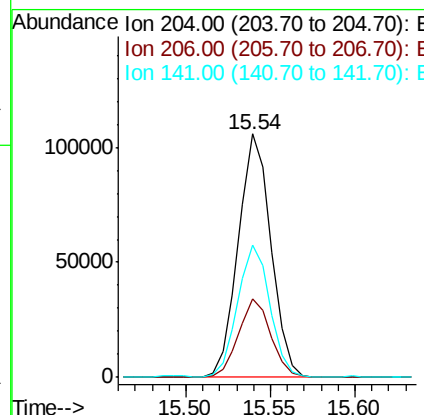
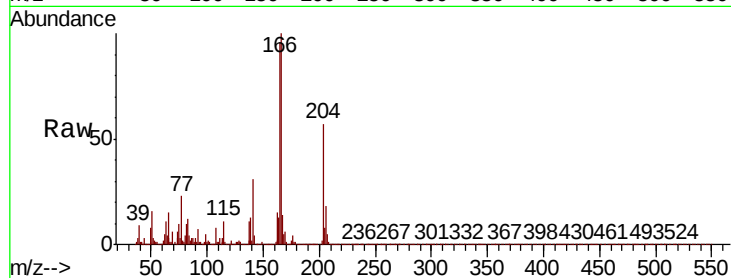
#62
4-Chlorophenyl-phenylether
Concen: 2.865 ng/ul
RT: 15.54 min Scan# 2100
Delta R.T. -0.01 min
Lab File: BP004186.D
Acq: 07 Dec 2020 17:02

Instrument :
BNA_P
ClientSampleId :
MDL-ME-SOIL-04

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.3	26.7	40.1
141	54.4	42.2	63.2

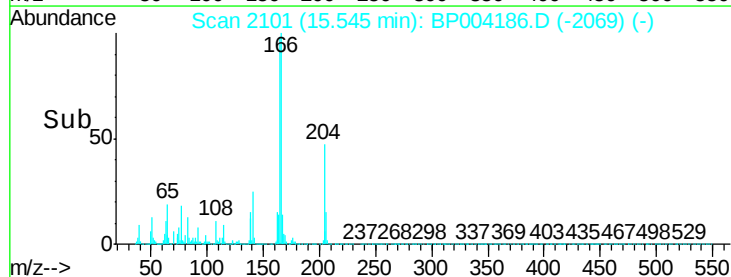
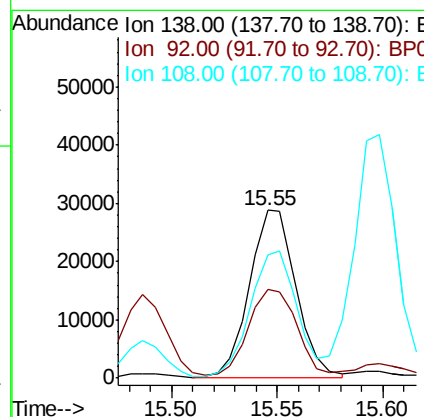
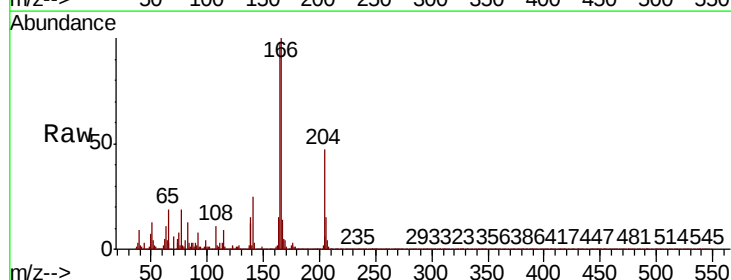
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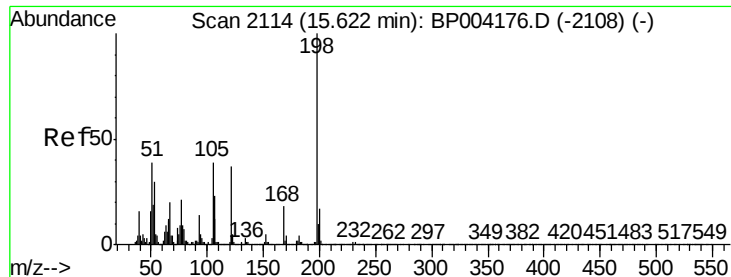
mohammad
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#63
4-Nitroaniline
Concen: 2.818 ng/ul
RT: 15.55 min Scan# 2101
Delta R.T. -0.01 min
Lab File: BP004186.D
Acq: 07 Dec 2020 17:02

Tgt Ion	Ratio	Lower	Upper
138	100		
92	53.2	42.3	63.5
108	73.8	60.2	90.2





#66

4,6-Dinitro-2-methylphenol

Concen: 2.598 ng/ul

RT: 15.61 min Scan# 2112

Delta R.T. -0.01 min

Lab File: BP004186.D

Acq: 07 Dec 2020 17:02

Instrument :

BNA_P

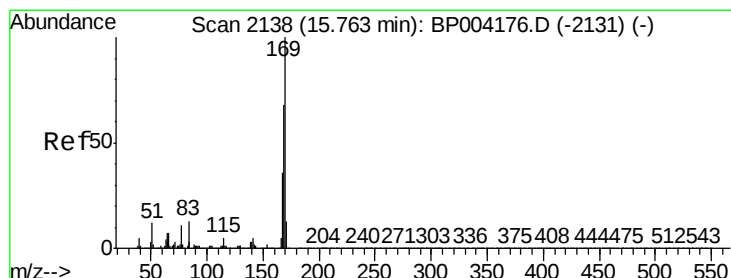
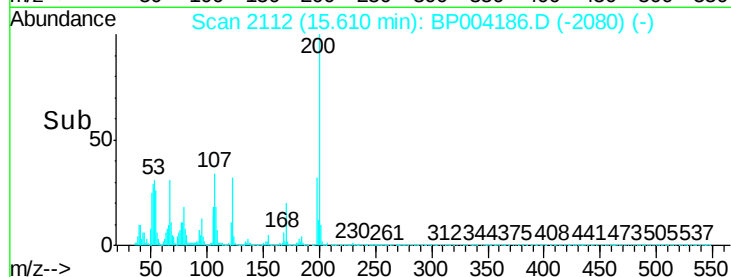
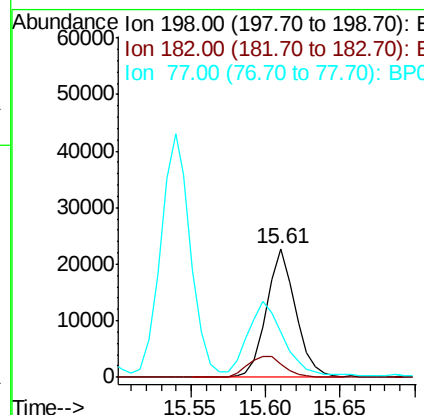
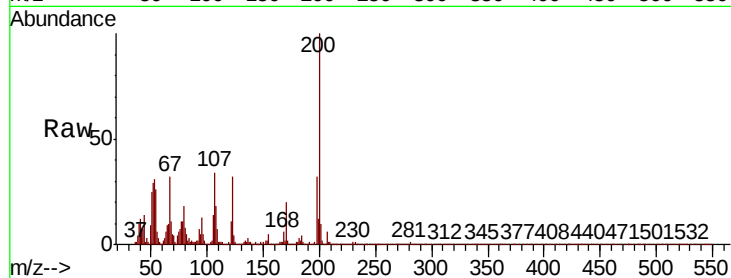
ClientSampleId :

MDL-ME-SOIL-04

Tot Ion	Ratio	Resp	Lower	Upper
198	100			
182	10.5	3.8	5.6#	
77	35.0	19.7	29.5#	

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#67

N-Nitrosodiphenylamine

Concen: 2.708 ng/ul

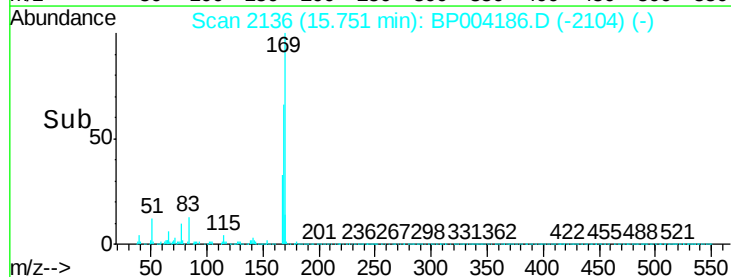
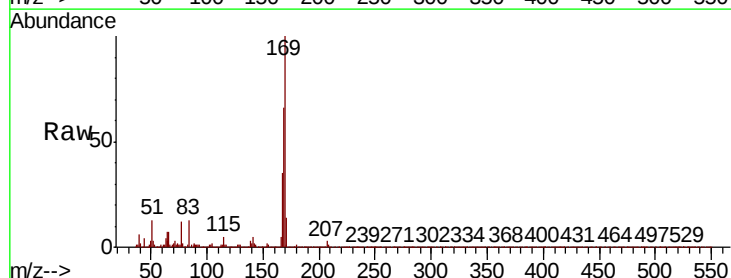
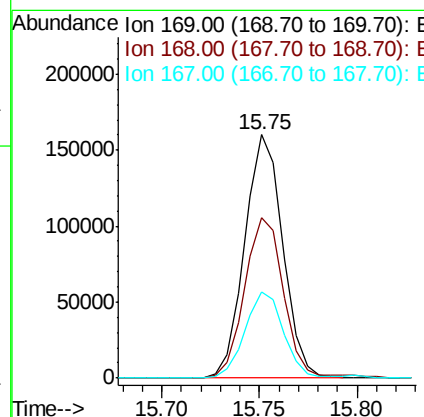
RT: 15.75 min Scan# 2136

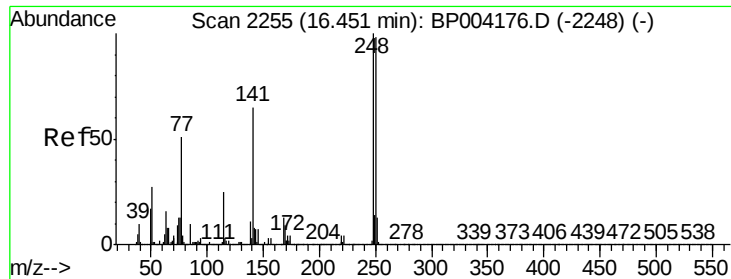
Delta R.T. -0.01 min

Lab File: BP004186.D

Acq: 07 Dec 2020 17:02

Tgt Ion	Ratio	Resp	Lower	Upper
169	100			
168	66.1	52.7	79.1	
167	35.2	28.2	42.2	





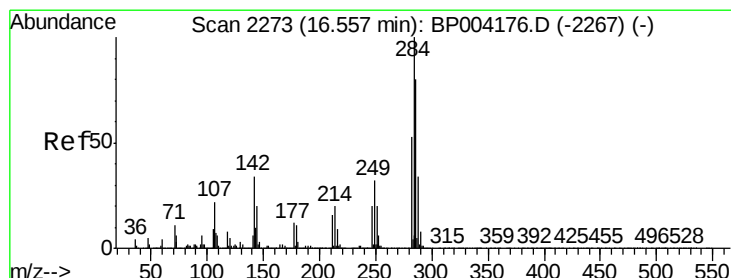
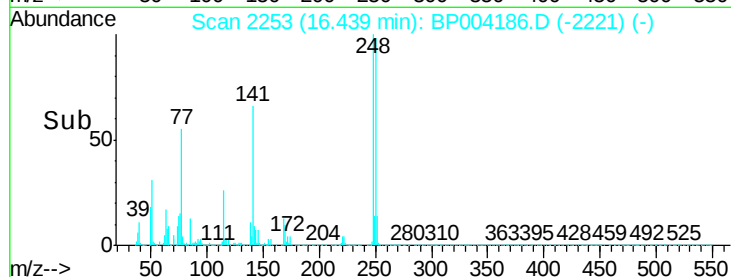
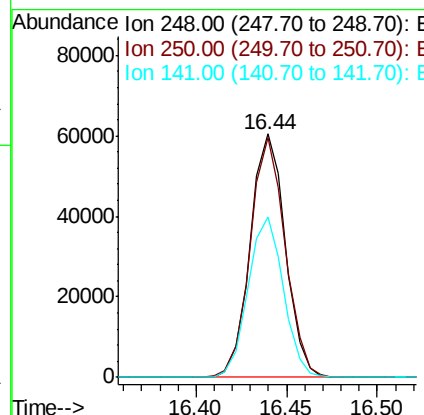
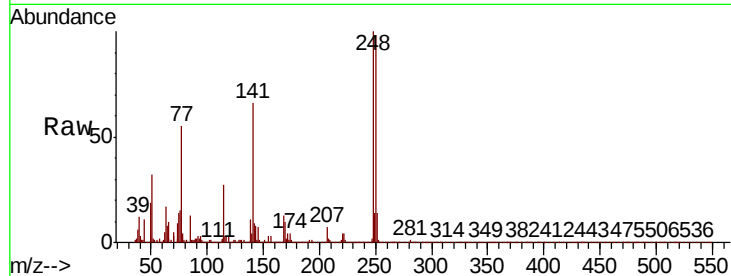
#68
4-Bromophenyl-phenylether
Concen: 2.615 ng/ul
RT: 16.44 min Scan# 2253
Delta R.T. -0.01 min
Lab File: BP004186.D
Acq: 07 Dec 2020 17:02

Instrument :
BNA_P
ClientSampleId :
MDL-ME-SOIL-04

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.5	75.5	113.3
141	66.0	53.2	79.8

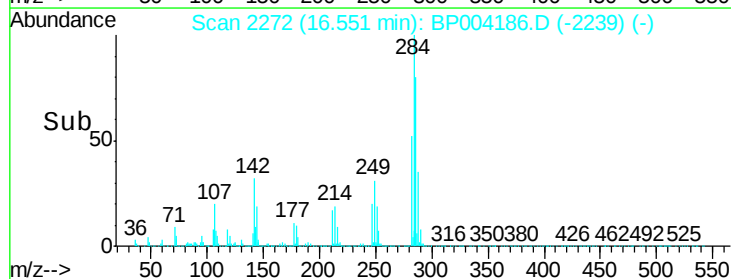
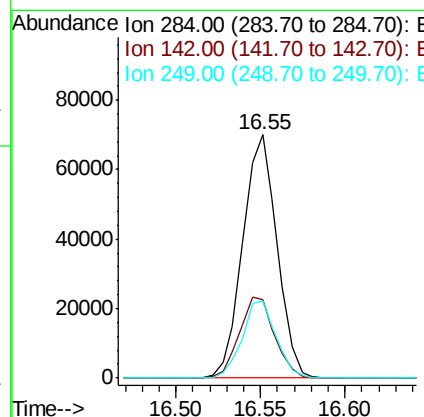
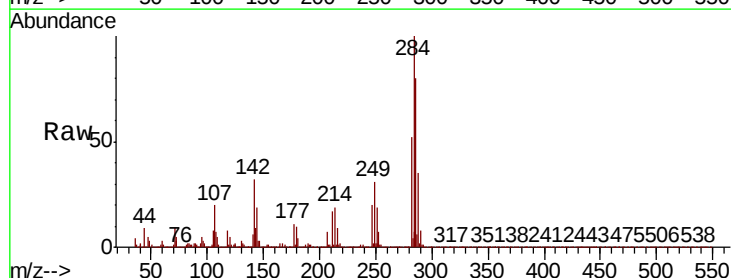
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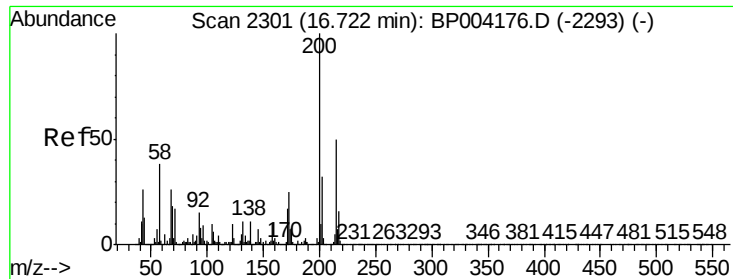
mohammad
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#69
Hexachlorobenzene
Concen: 2.852 ng/ul
RT: 16.55 min Scan# 2272
Delta R.T. -0.01 min
Lab File: BP004186.D
Acq: 07 Dec 2020 17:02

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.1	25.4	38.0
249	31.5	25.4	38.2





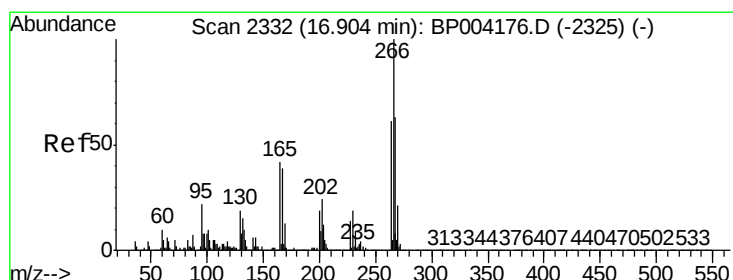
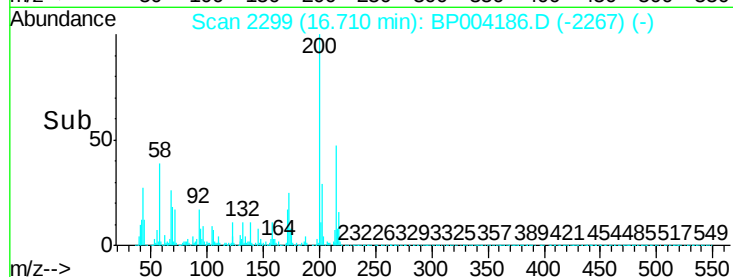
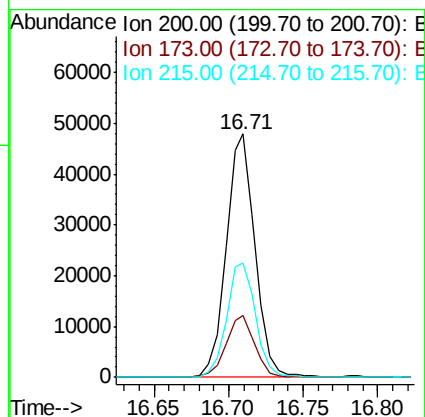
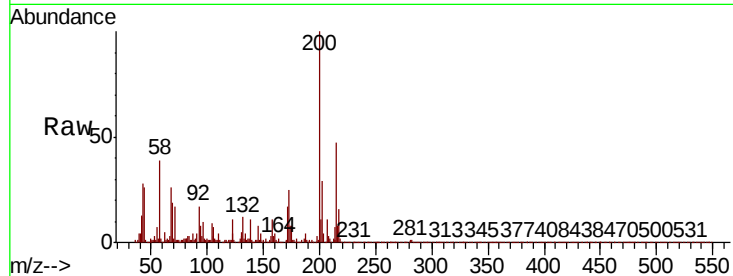
#70
Atrazine
Concen: 2.071 ng/ul
RT: 16.71 min Scan# 2299
Delta R.T. -0.01 min
Lab File: BP004186.D
Acq: 07 Dec 2020 17:02

Instrument :
BNA_P
ClientSampleId :
MDL-ME-SOIL-04

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.3	21.4	32.0
215	46.8	39.9	59.9

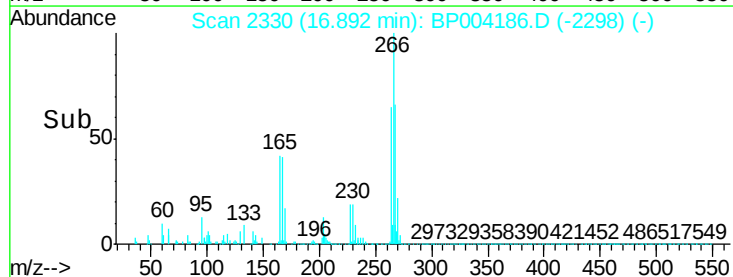
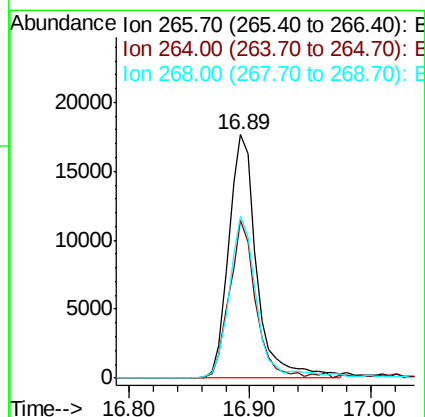
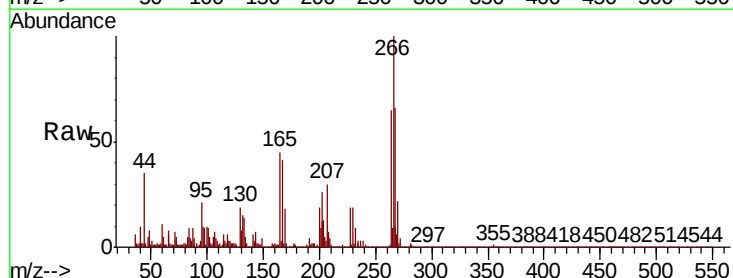
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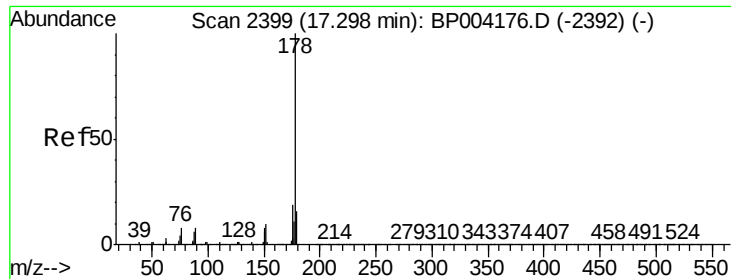
mohammad
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#71
Pentachlorophenol
Concen: 1.720 ng/ul
RT: 16.89 min Scan# 2330
Delta R.T. -0.01 min
Lab File: BP004186.D
Acq: 07 Dec 2020 17:02

Tgt Ion	Ratio	Lower	Upper
266	100		
264	64.7	49.2	73.8
268	66.5	50.0	75.0





#72

Phenanthrene

Concen: 2.941 ng/ul

RT: 17.29 min Scan# 2398

Delta R.T. -0.01 min

Lab File: BP004186.D

Acq: 07 Dec 2020 17:02

Instrument :

BNA_P

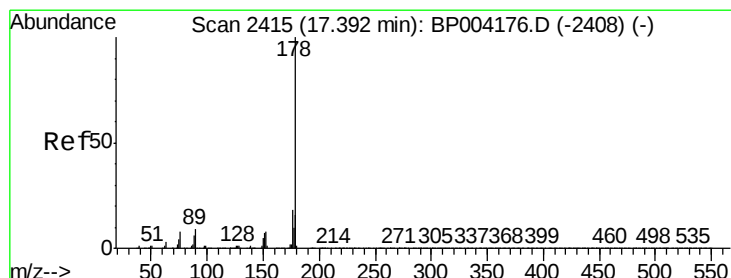
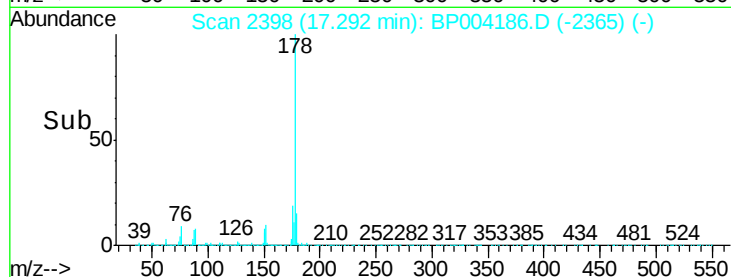
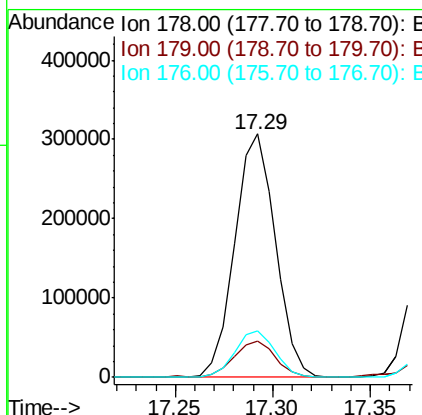
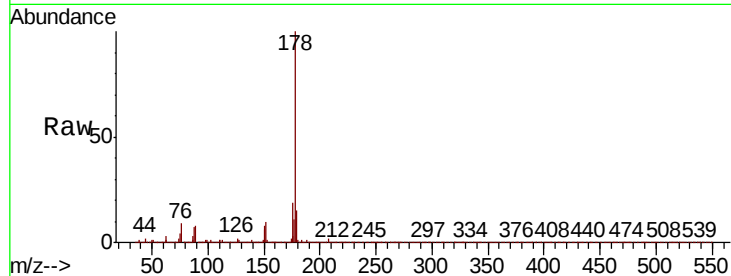
ClientSampleId :

MDL-ME-SOIL-04

Tot Ion:178	Resp:	439649
Ion Ratio	Lower	Upper
178	100	
179	14.7	12.1 18.1
176	19.1	15.4 23.2

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#74

Anthracene

Concen: 2.874 ng/ul

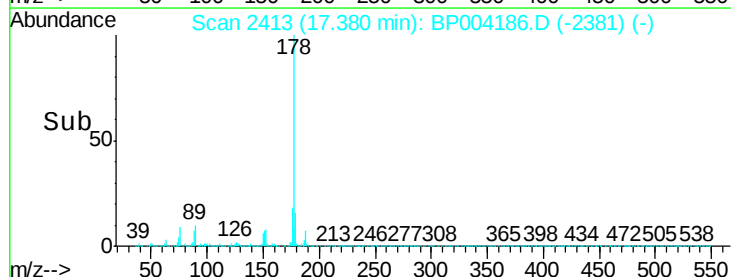
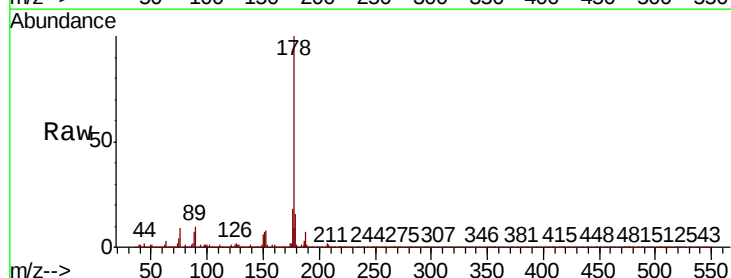
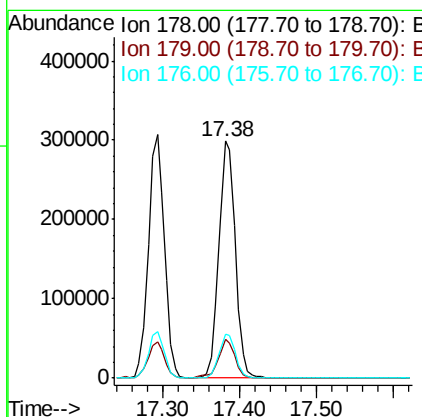
RT: 17.38 min Scan# 2413

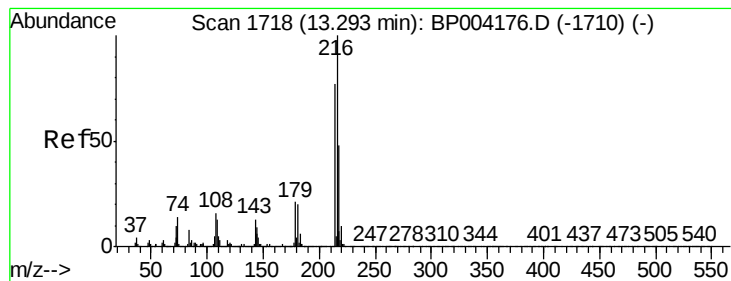
Delta R.T. -0.01 min

Lab File: BP004186.D

Acq: 07 Dec 2020 17:02

Tgt Ion:178	Resp:	437690
Ion Ratio	Lower	Upper
178	100	
179	16.2	12.2 18.2
176	18.3	14.6 22.0





#75

1,2,3,4-Tetrachlorobenzene

Concen: 3.038 ng/uL

RT: 13.28 min Scan# 1716

Delta R.T. -0.01 min

Lab File: BP004186.D

Acq: 07 Dec 2020 17:02

Instrument :

BNA_P

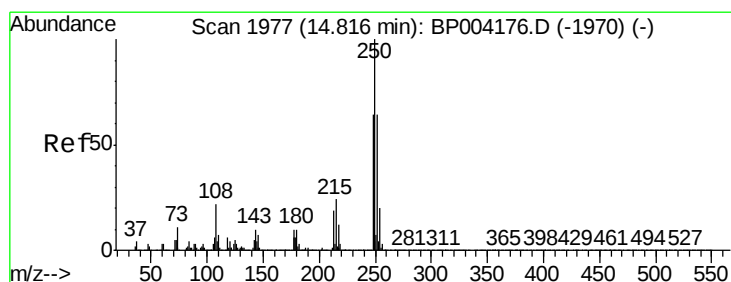
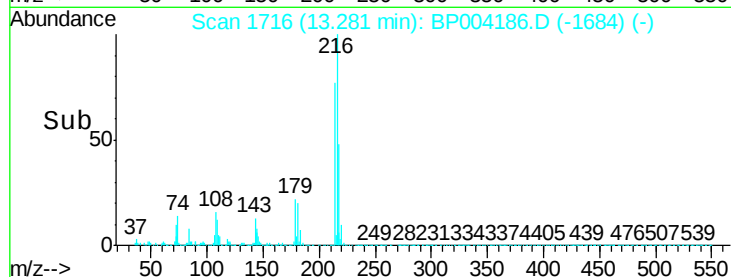
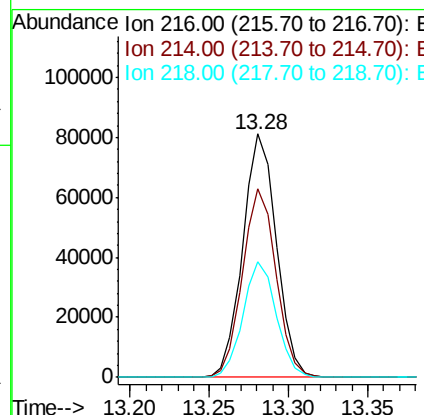
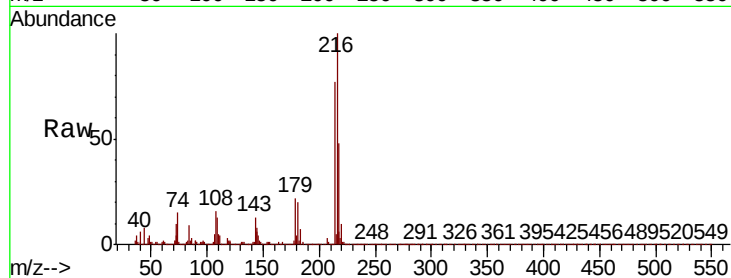
ClientSampleId :

MDL-ME-SOIL-04

Tot Ion:	216	Resp:	119865
Ion Ratio	Lower	Upper	
216	100		
214	77.3	62.5	93.7
218	47.7	38.3	57.5

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#76

Pentachlorobenzene

Concen: 2.928 ng/uL

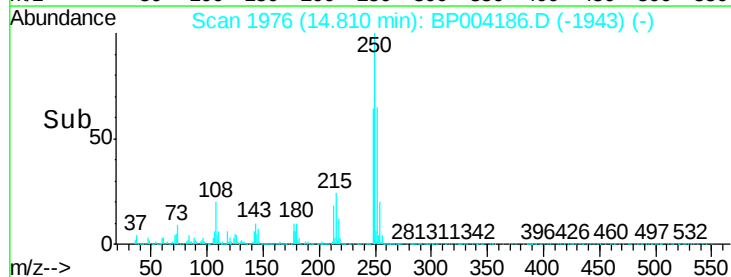
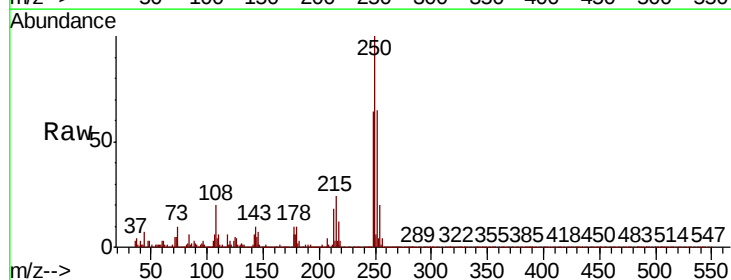
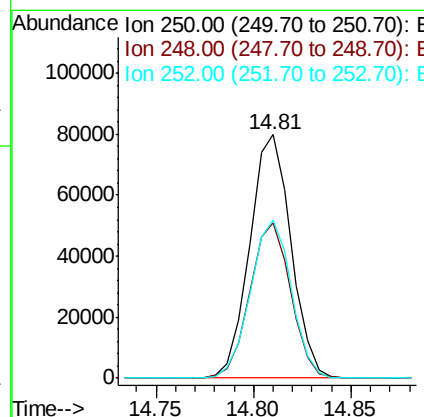
RT: 14.81 min Scan# 1976

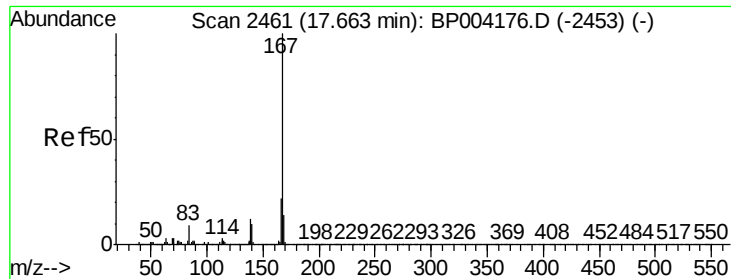
Delta R.T. -0.01 min

Lab File: BP004186.D

Acq: 07 Dec 2020 17:02

Tgt Ion:	250	Resp:	116779
Ion Ratio	Lower	Upper	
250	100		
248	63.6	50.5	75.7
252	64.7	50.4	75.6





#77

Carbazole

Concen: 2.617 ng/ul

RT: 17.65 min Scan# 2459

Delta R.T. -0.01 min

Lab File: BP004186.D

Acq: 07 Dec 2020 17:02

Instrument :

BNA_P

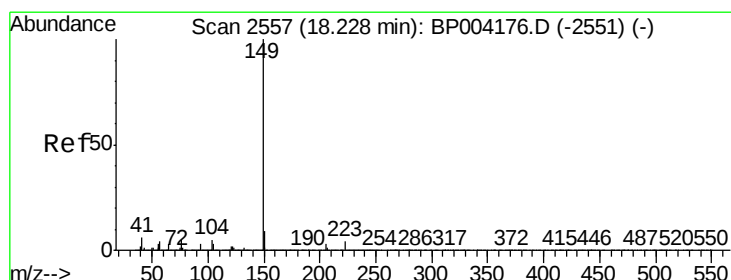
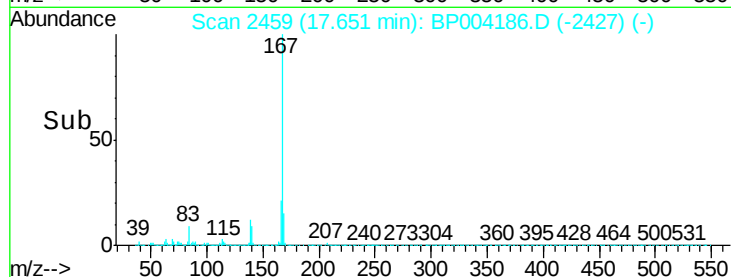
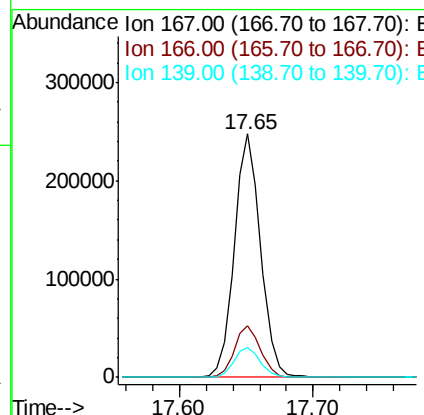
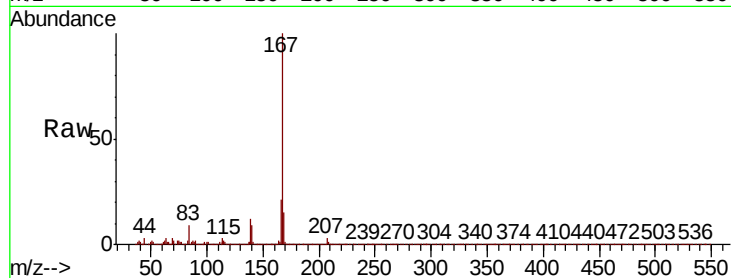
ClientSampleId :

MDL-ME-SOIL-04

Tot Ion:	167	Resp:	338507
Ion Ratio	Lower	Upper	
167	100		
166	21.3	17.2	25.8
139	12.3	9.8	14.8

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#78

Di-n-butylphthalate

Concen: 1.946 ng/ul

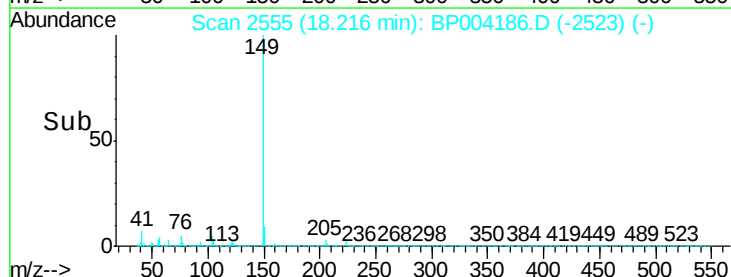
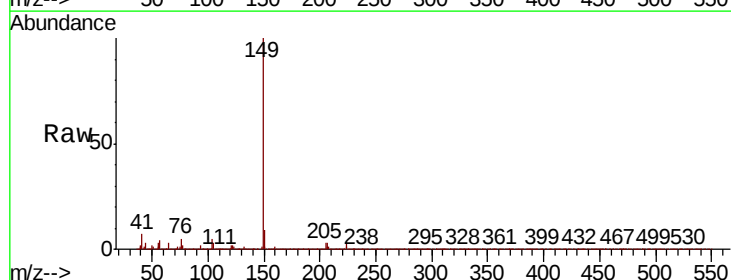
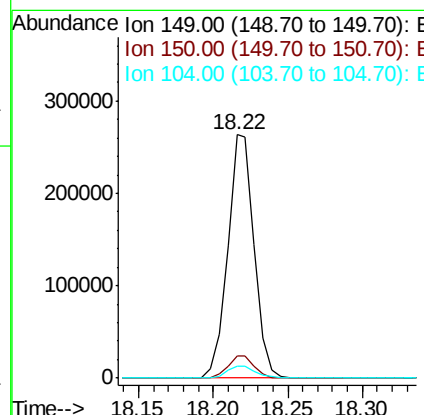
RT: 18.22 min Scan# 2555

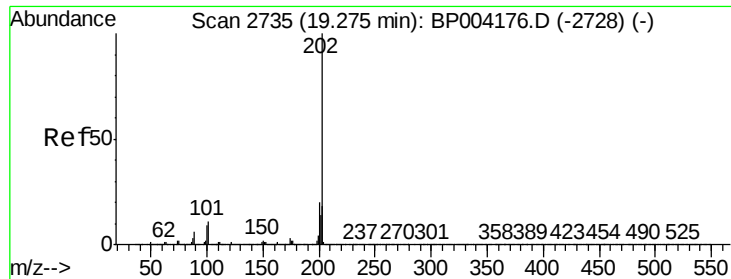
Delta R.T. -0.01 min

Lab File: BP004186.D

Acq: 07 Dec 2020 17:02

Tgt Ion:	149	Resp:	328112
Ion Ratio	Lower	Upper	
149	100		
150	8.9	7.4	11.0
104	5.0	3.8	5.8





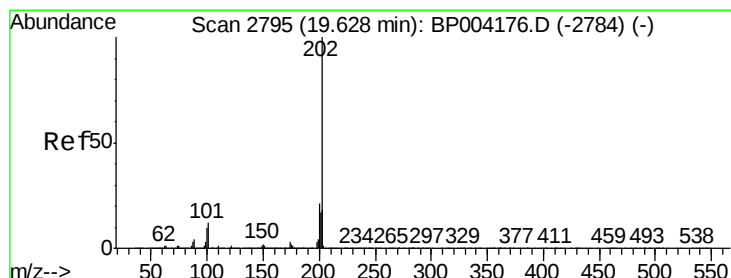
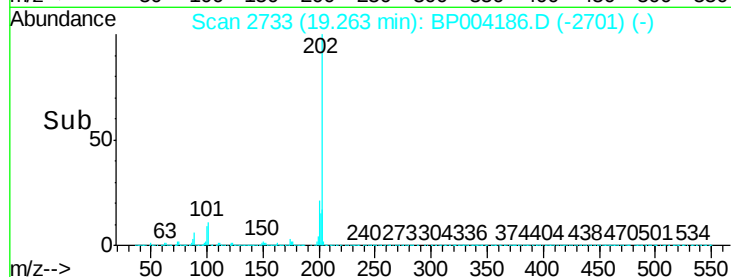
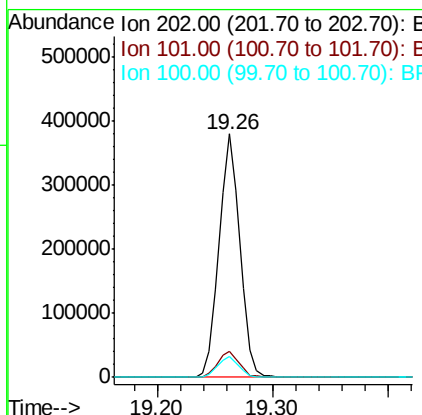
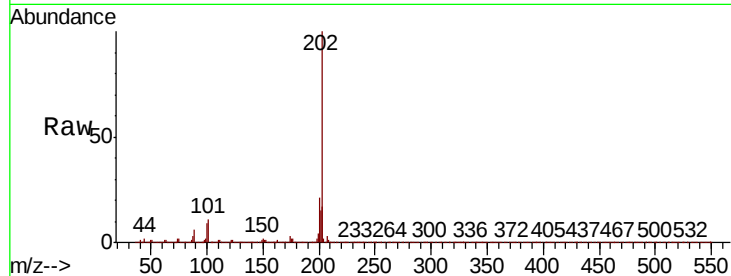
#80
Fluoranthene
Concen: 2.687 ng/ul
RT: 19.26 min Scan# 2733
Delta R.T. -0.01 min
Lab File: BP004186.D
Acq: 07 Dec 2020 17:02

Instrument :
BNA_P
ClientSampleId :
MDL-ME-SOIL-04

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	10.7	8.6	12.8
100	8.7	6.6	9.8

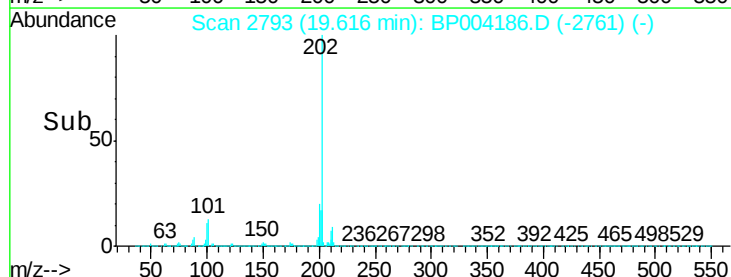
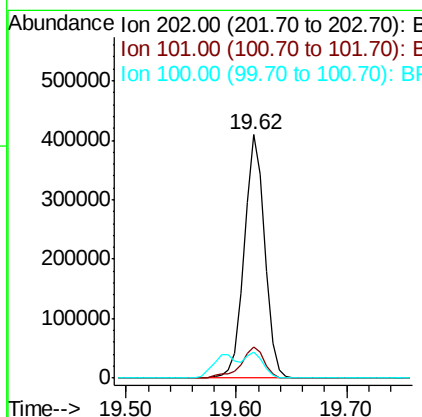
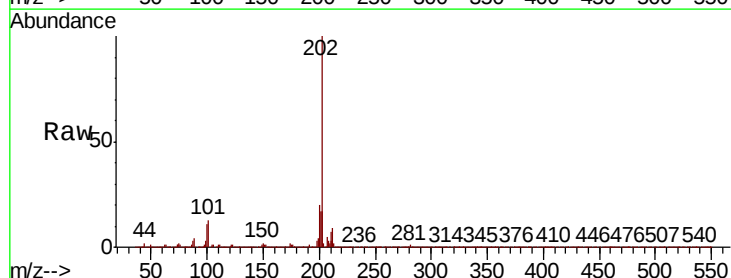
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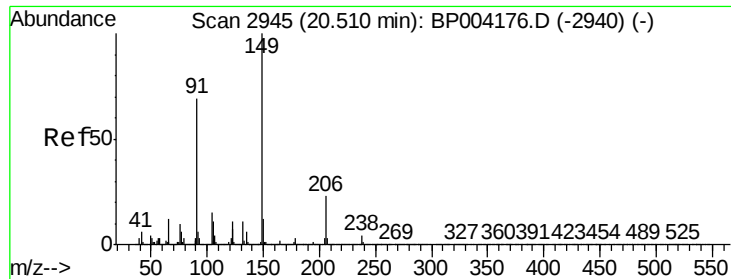
mohammad
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#82
Pyrene
Concen: 2.980 ng/ul
RT: 19.62 min Scan# 2793
Delta R.T. -0.01 min
Lab File: BP004186.D
Acq: 07 Dec 2020 17:02

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	12.8	10.0	15.0
100	10.7	8.2	12.2





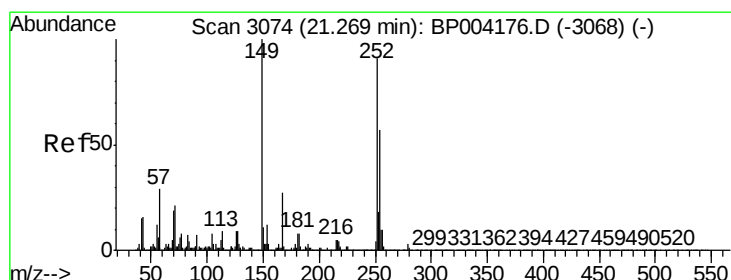
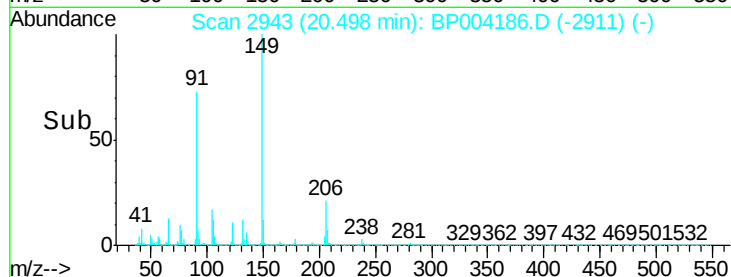
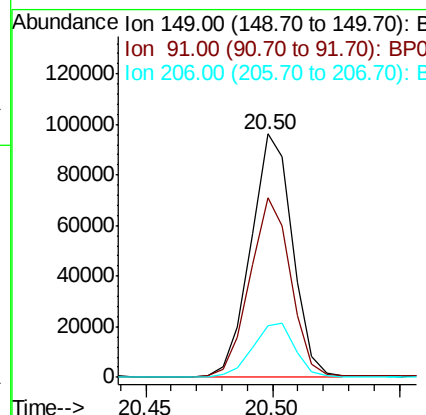
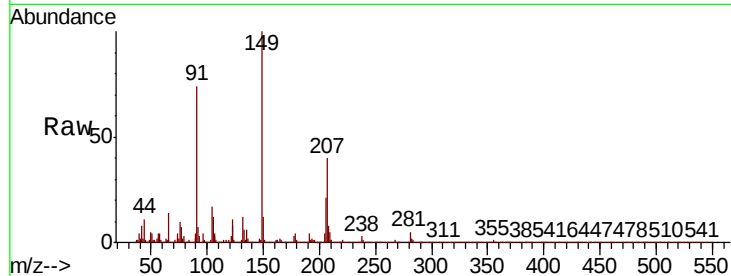
#83
Butylbenzylphthalate
Concen: 1.502 ng/ul
RT: 20.50 min Scan# 2943
Delta R.T. -0.01 min
Lab File: BP004186.D
Acq: 07 Dec 2020 17:02

Instrument :
BNA_P
ClientSampleId :
MDL-ME-SOIL-04

Tot Ion	Ratio	Lower	Upper
149	100		
91	73.6	56.8	85.2
206	21.1	17.9	26.9

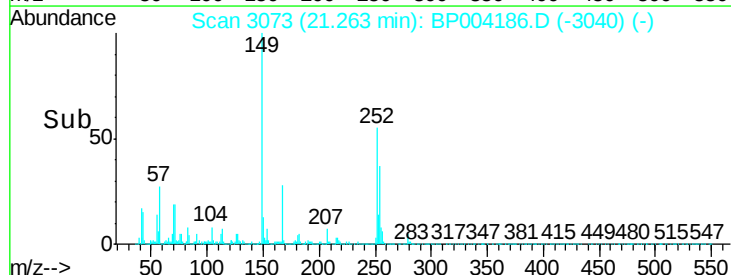
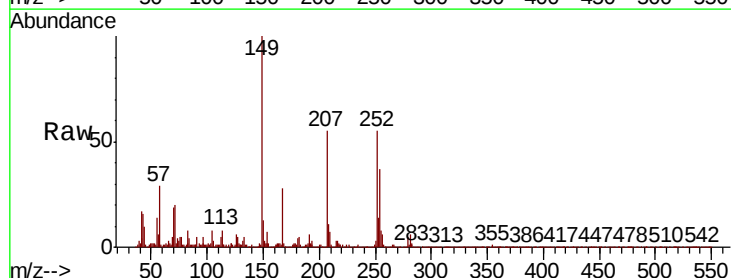
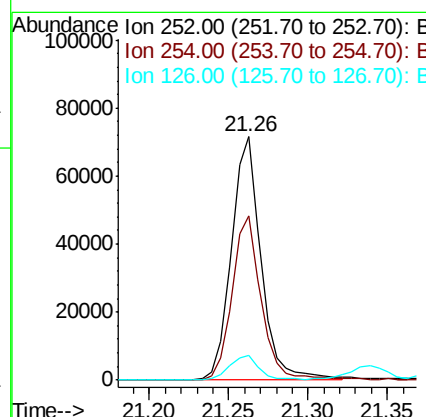
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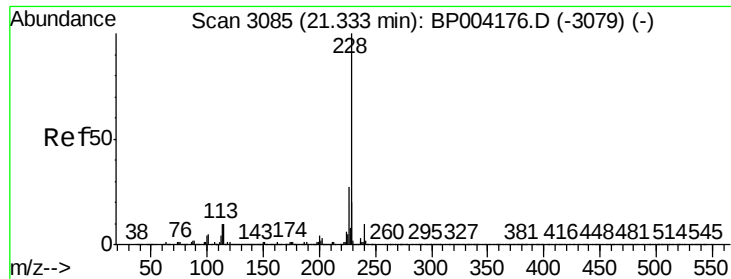
mohammad
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#84
3,3'-Dichlorobenzidine
Concen: 1.533 ng/ul
RT: 21.26 min Scan# 3073
Delta R.T. -0.01 min
Lab File: BP004186.D
Acq: 07 Dec 2020 17:02

Tgt Ion	Ratio	Lower	Upper
252	100		
254	67.2	51.8	77.8
126	10.1	8.5	12.7





#85

Benzo(a)anthracene

Concen: 2.754 ng/ul

RT: 21.33 min Scan# 3084

Delta R.T. -0.01 min

Lab File: BP004186.D

Acq: 07 Dec 2020 17:02

Instrument :

BNA_P

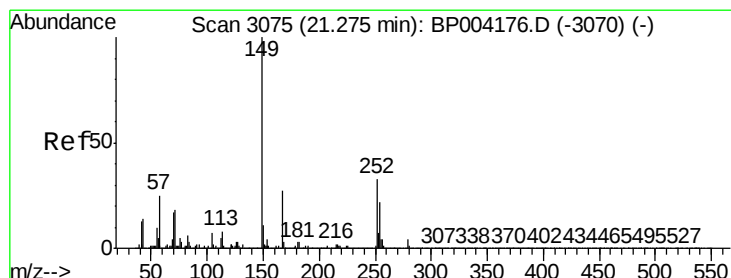
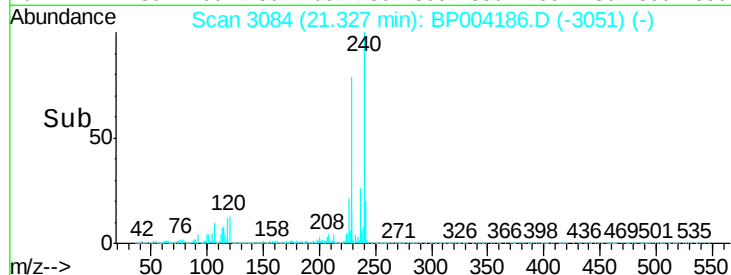
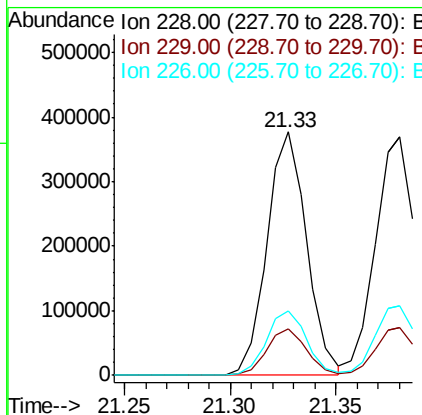
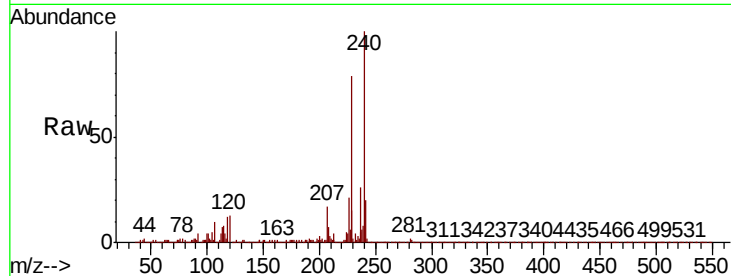
ClientSampleId :

MDL-ME-SOIL-04

Tot Ion:	228	Resp:	491631
Ion Ratio	Lower	Upper	
228	100		
229	19.3	15.9	23.9
226	26.6	22.0	33.0

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#86

Bis(2-ethylhexyl)phthalate

Concen: 1.644 ng/ul

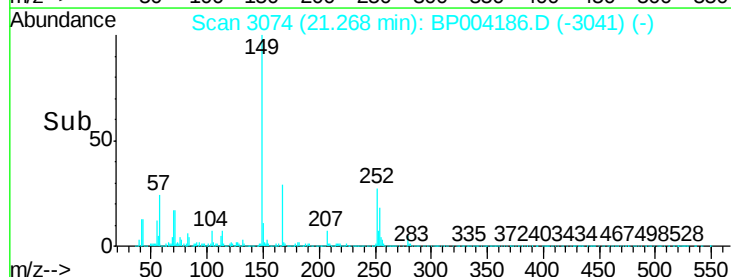
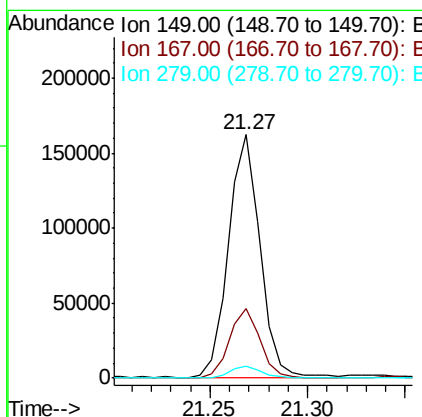
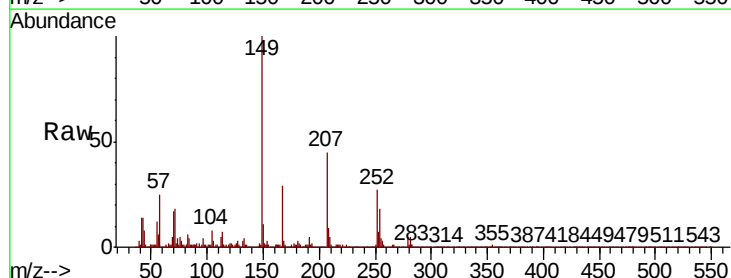
RT: 21.27 min Scan# 3074

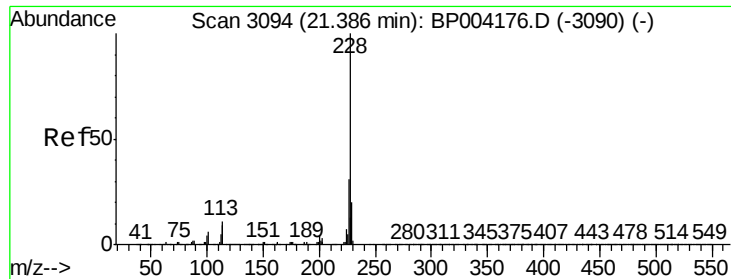
Delta R.T. -0.01 min

Lab File: BP004186.D

Acq: 07 Dec 2020 17:02

Tgt Ion:	149	Resp:	180946
Ion Ratio	Lower	Upper	
149	100		
167	28.7	22.9	34.3
279	4.8	3.8	5.6





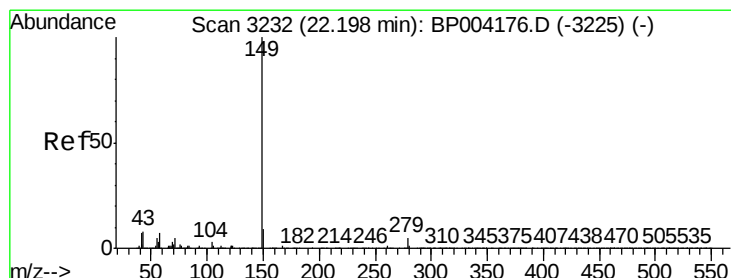
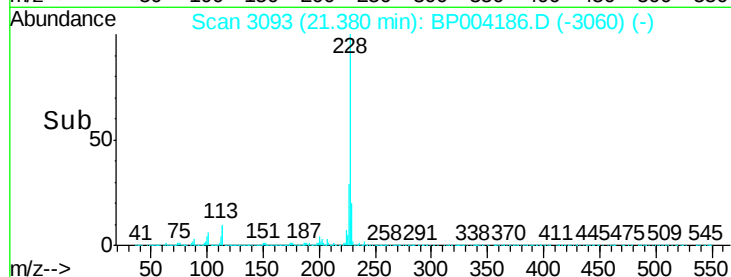
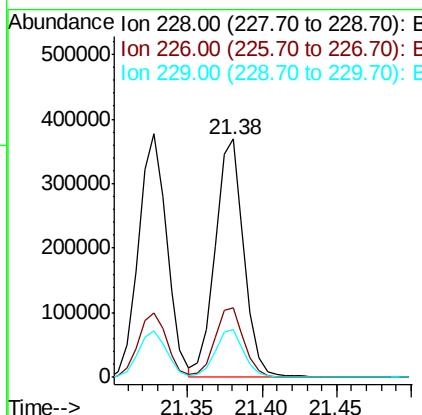
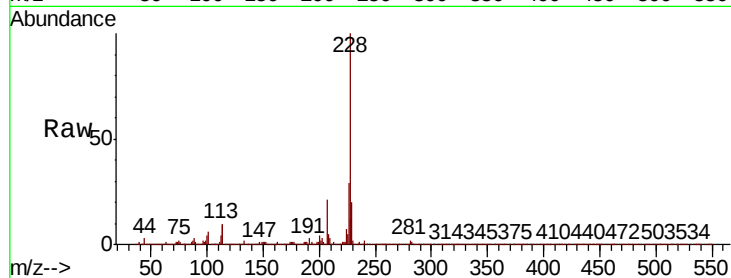
#87
 Chrysene
 Concen: 2.905 ng/ul
 RT: 21.38 min Scan# 3093
 Delta R.T. -0.01 min
 Lab File: BP004186.D
 Acq: 07 Dec 2020 17:02

Instrument :
 BNA_P
 ClientSampleId :
 MDL-ME-SOIL-04

Tot Ion:	228	Resp:	496636
Ion Ratio	Lower	Upper	
228	100		
226	29.2	24.1	36.1
229	20.0	15.7	23.5

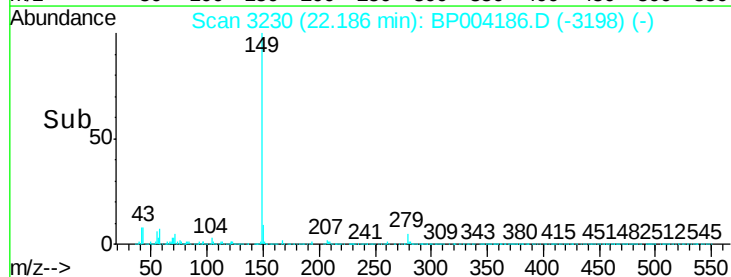
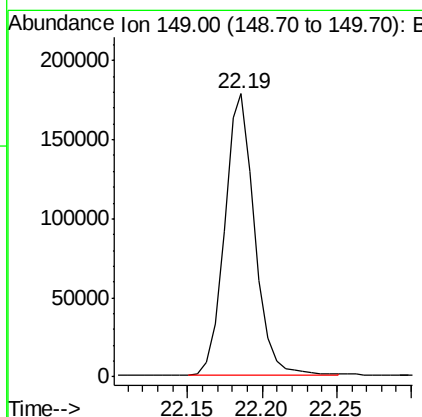
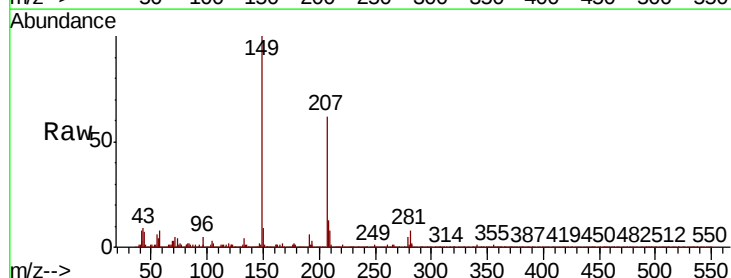
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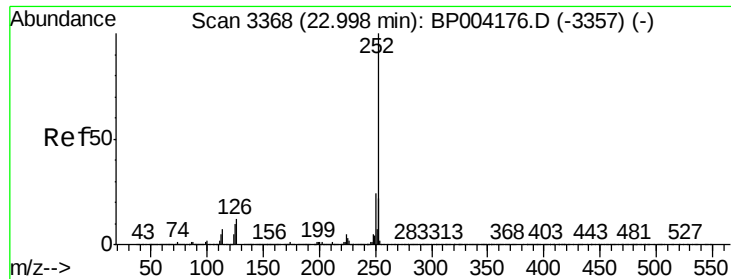
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#89
 Di-n-octyl phthalate
 Concen: 1.543 ng/ul
 RT: 22.19 min Scan# 3230
 Delta R.T. -0.01 min
 Lab File: BP004186.D
 Acq: 07 Dec 2020 17:02

Tgt Ion:149 Resp: 249945





#90

Benzo(b)fluoranthene

Concen: 2.671 ng/ul

RT: 22.99 min Scan# 3366

Delta R.T. -0.01 min

Lab File: BP004186.D

Acq: 07 Dec 2020 17:02

Instrument :

BNA_P

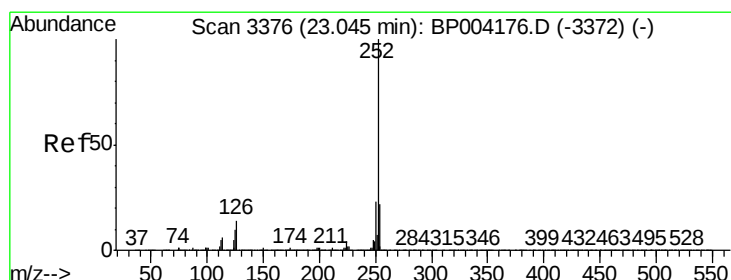
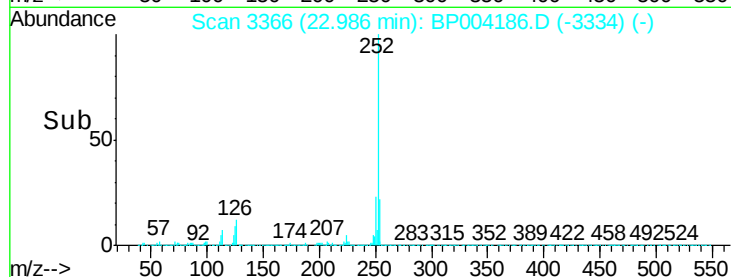
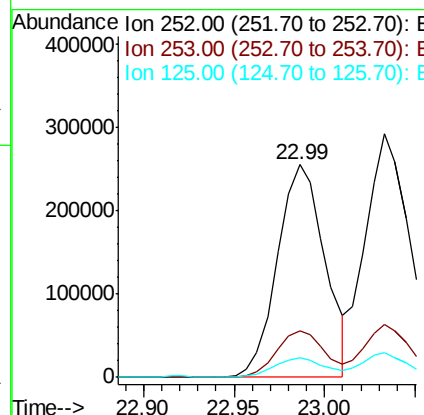
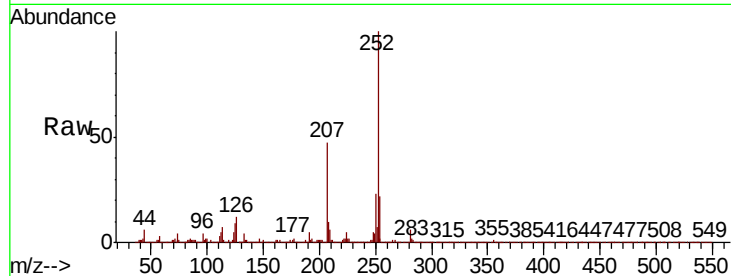
ClientSampleId :

MDL-ME-SOIL-04

Tot Ion:	252	Resp:	466128
Ion Ratio	Lower	Upper	
252	100		
253	22.0	17.6	26.4
125	9.4	7.9	11.9

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#91

Benzo(k)fluoranthene

Concen: 3.044 ng/ul

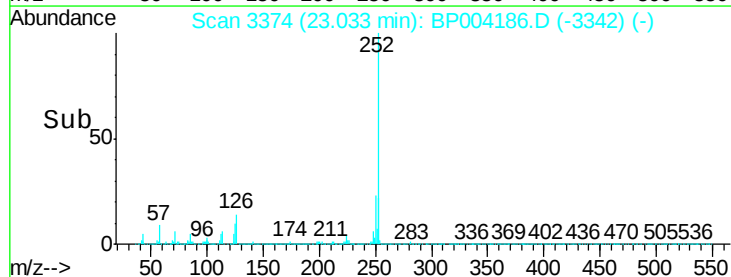
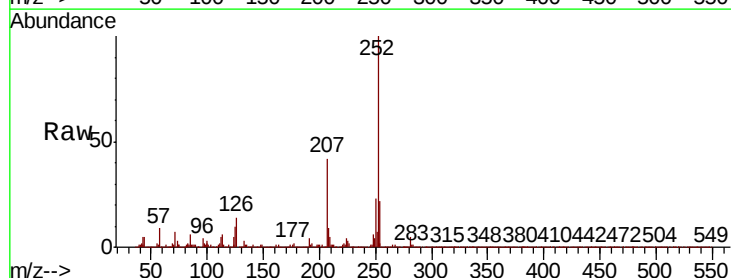
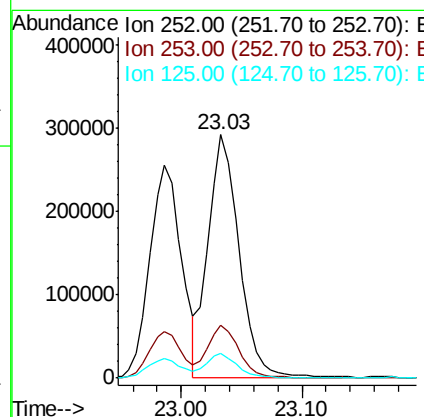
RT: 23.03 min Scan# 3374

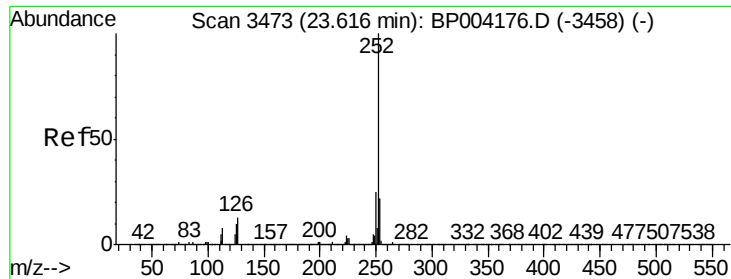
Delta R.T. -0.01 min

Lab File: BP004186.D

Acq: 07 Dec 2020 17:02

Tgt Ion:	252	Resp:	514567
Ion Ratio	Lower	Upper	
252	100		
253	21.7	17.9	26.9
125	10.3	7.8	11.8





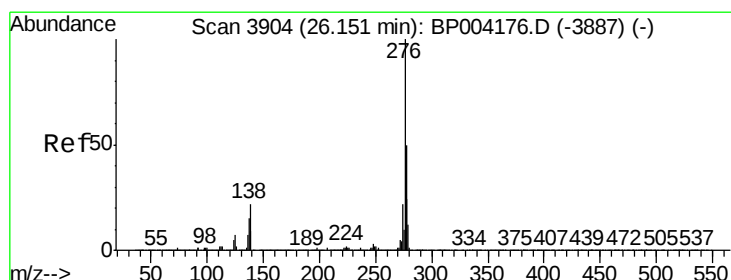
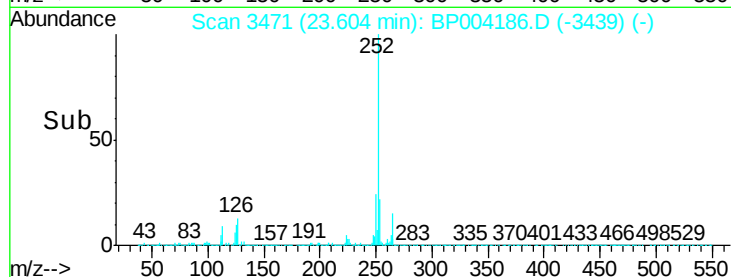
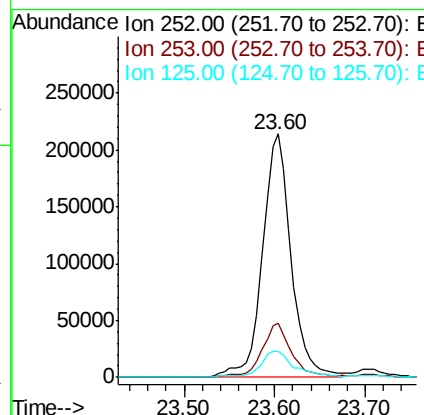
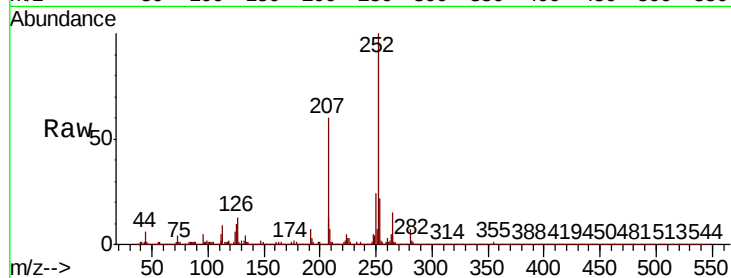
#93
Benzo(a)pyrene
Concen: 2.905 ng/ul
RT: 23.60 min Scan# 3471
Delta R.T. -0.01 min
Lab File: BP004186.D
Acq: 07 Dec 2020 17:02

Instrument :
BNA_P
ClientSampleId :
MDL-ME-SOIL-04

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.5	26.3
125	10.4	8.3	12.5

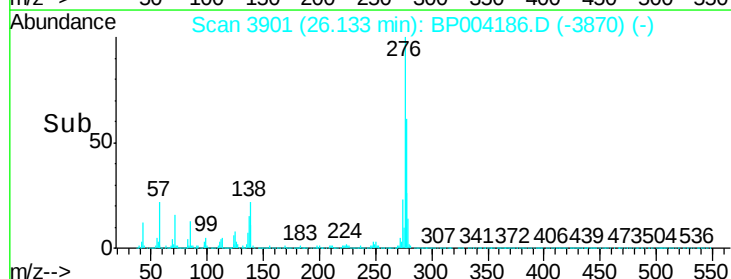
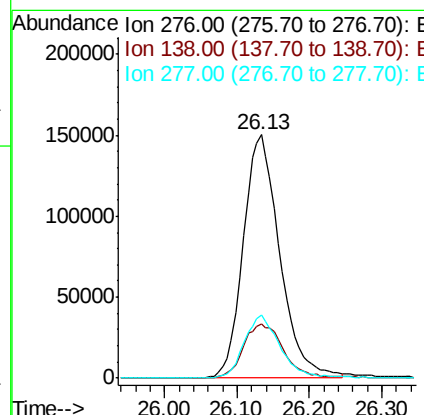
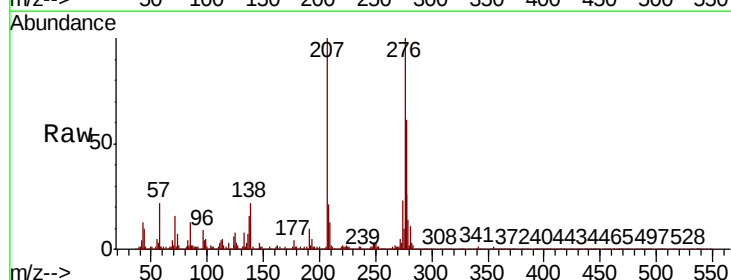
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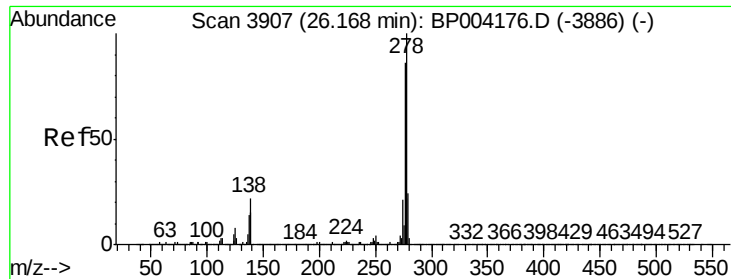
mohammad
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#94
Indeno(1,2,3-cd)pyrene
Concen: 2.566 ng/ul
RT: 26.13 min Scan# 3901
Delta R.T. -0.02 min
Lab File: BP004186.D
Acq: 07 Dec 2020 17:02

Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.5	17.4	26.0
277	26.0	20.1	30.1





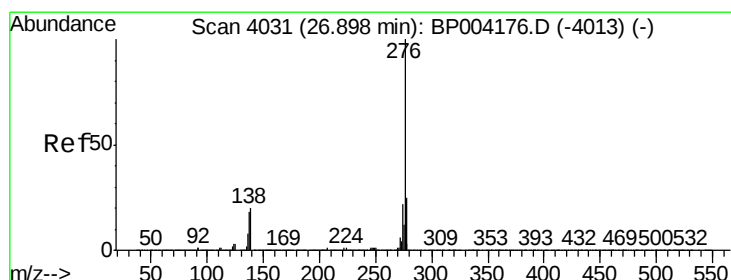
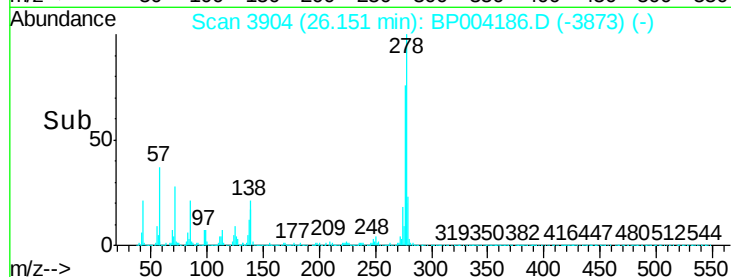
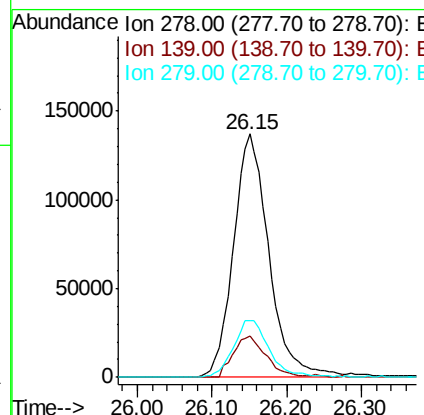
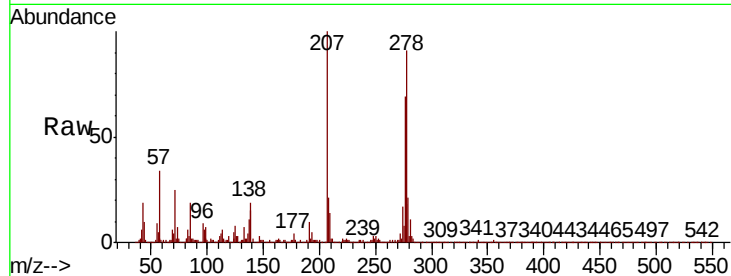
#95
Dibenzo(a,h)anthracene
Concen: 2.634 ng/ul
RT: 26.15 min Scan# 3904
Delta R.T. -0.02 min
Lab File: BP004186.D
Acq: 07 Dec 2020 17:02

Instrument :
BNA_P
ClientSampleId :
MDL-ME-SOIL-04

Tot Ion:	278	Resp:	451292
Ion Ratio	Lower	Upper	
278	100		
139	17.0	12.3	18.5
279	23.2	19.1	28.7

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#96
Benzo(g,h,i)perylene
Concen: 2.548 ng/ul
RT: 26.87 min Scan# 4026
Delta R.T. -0.03 min
Lab File: BP004186.D
Acq: 07 Dec 2020 17:02

Tgt Ion:	276	Resp:	438954
Ion Ratio	Lower	Upper	
276	100		
138	19.6	16.2	24.4
277	23.1	19.0	28.6

