

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP030921\
 Data File : BP004957.D
 Acq On : 09 Mar 2021 23:48
 Operator : CG/JU
 Sample : M1534-21
 Misc : SOM-MDL-MES-07
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleID :
 MDL-ME-SOIL-07

Manual Integrations
 APPROVED

mohammad
 3/10/2021 11:54:47 AM

Quant Time: Mar 10 01:46:33 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP030921MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Mar 09 23:59:32 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	30609	20.00	ng/ul	0.00
18) Naphthalene-d8	10.52	136	125990	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.38	164	86738	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.14	188	198975	20.00	ng/ul	0.00
78) Chrysene-d12	21.23	240	227734	20.00	ng/ul	0.00
86) Perylene-d12	23.52	264	229367	20.00	ng/ul	-0.01

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.23	96	3862	4.71	ng/uL	0.00
5) Phenol-d5	6.90	99	81258	33.80	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.07	67	47414	37.12	ng/ul	0.00
9) 2-Chlorophenol-d4	7.26	132	65137	34.29	ng/ul	0.00
13) 4-Methylphenol-d8	8.44	113	66156	32.66	ng/ul	0.00
19) Nitrobenzene-d5	8.89	128	33017	35.58	ng/ul	0.00
22) 2-Nitrophenol-d4	9.61	143	36475	35.03	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.15	165	65697	32.80	ng/ul	0.00
29) 4-Chloroaniline-d4	10.66	131	83858	38.24	ng/ul	0.00
44) Dimethylphthalate-d6	13.79	166	221726	34.74	ng/ul	0.00
47) Acenaphthylene-d8	14.07	160	263649	33.84	ng/ul	0.00
52) 4-Nitrophenol-d4	14.59	143	34465	31.43	ng/ul	0.00
58) Fluorene-d10	15.38	176	195833	35.69	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.50	200	37548	29.42	ng/ul	0.00
71) Anthracene-d10	17.24	188	310325	34.80	ng/ul	0.00
79) Pyrene-d10	19.48	212	359286	34.02	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.37	264	419260	35.75	ng/ul	-0.01

Target Compounds				Ovalue		
2) 1,4-Dioxane	3.26	88	1154	1.451	ng/uL	91
4) Benzaldehyde	6.88	77	7088	5.692	ng/ul	94
6) Phenol	6.93	94	9494	3.704	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.16	93	7885	4.168	ng/ul#	93
10) 2-Chlorophenol	7.30	128	7737	3.943	ng/ul#	91
11) 2-Methylphenol	8.18	108	6754	3.465	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.26	45	8186m	4.056	ng/ul	
14) Acetophenone	8.56	105	12680	3.764	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.54	70	5808	3.625	ng/ul	90
16) 4-Methylphenol	8.50	108	7797	3.623	ng/ul	96
17) Hexachloroethane	8.80	117	3643	3.992	ng/ul	88
20) Nitrobenzene	8.93	77	10573	4.241	ng/ul	93
21) Isophorone	9.46	82	16316	3.834	ng/ul	97
23) 2-Nitrophenol	9.64	139	4460	4.016	ng/ul	94
24) 2,4-Dimethylphenol	9.70	107	9338	3.641	ng/ul#	80
25) Bis(2-Chloroethoxy)methane	9.94	93	9815	3.811	ng/ul	98
27) 2,4-Dichlorophenol	10.17	162	7352	3.718	ng/ul#	85
28) Naphthalene	10.57	128	24419	3.743	ng/ul#	93
30) 4-Chloroaniline	10.69	127	10190	4.462	ng/ul	98
31) Hexachlorobutadiene	10.86	225	5893	3.855	ng/ul	94
32) Caprolactam	11.50	113	2110m	3.271	ng/ul	
33) 4-Chloro-3-methylphenol	11.82	107	7372	3.205	ng/ul#	88
34) 2-Methylnaphthalene	12.19	142	17814	3.775	ng/ul	99

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35) 1-Methylnaphthalene	12.41	142	17277	3.721	ng/ul#	98
37) 1,2,4,5-Tetrachlorobenzene	12.56	216	10541	3.648	ng/ul#	93
38) Hexachlorocyclopentadiene	12.55	237	5422	2.892	ng/ul	93
39) 2,4,6-Trichlorophenol	12.80	196	5832	3.387	ng/ul	95
40) 2,4,5-Trichlorophenol	12.88	196	5906	3.157	ng/ul	96
41) 1,1'-Biphenyl	13.21	154	24748	3.878	ng/ul	97
42) 2-Chloronaphthalene	13.25	162	17699	3.538	ng/ul	98
43) 2-Nitroaniline	13.46	65	4793	3.299	ng/ul	94
45) Dimethylphthalate	13.84	163	25521	3.904	ng/ul	99
46) 2,6-Dinitrotoluene	13.96	165	4635	3.537	ng/ul	93
48) Acenaphthylene	14.10	152	27763	3.772	ng/ul	96
49) 3-Nitroaniline	14.30	138	4347	3.755	ng/ul#	99
50) Acenaphthene	14.45	153	20093	3.713	ng/ul	99
51) 2,4-Dinitrophenol	14.50	184	1903	2.197	ng/ul	97
53) 4-Nitrophenol	14.60	109	4761	3.884	ng/ul#	81
54) Dibenzofuran	14.79	168	29978	3.801	ng/ul	99
55) 2,4-Dinitrotoluene	14.75	165	6627	3.487	ng/ul#	89
56) 2,3,4,6-Tetrachlorophenol	15.01	232	5759	3.243	ng/ul#	93
57) Diethylphthalate	15.22	149	23598	3.530	ng/ul	94
59) Fluorene	15.43	166	25011	3.796	ng/ul	97
60) 4-Chlorophenyl-phenylether	15.43	204	13641	3.766	ng/ul	90
61) 4-Nitroaniline	15.46	138	4576m	3.386	ng/ul	
64) 4,6-Dinitro-2-methylphenol	15.52	198	4649	3.586	ng/ul#	85
65) N-Nitrosodiphenylamine	15.65	169	20497	3.663	ng/ul	98
66) 4-Bromophenyl-phenylether	16.33	248	7778	3.541	ng/ul	97
67) Hexachlorobenzene	16.44	284	9555	3.853	ng/ul	95
68) Atrazine	16.61	200	7071	3.146	ng/ul	99
69) Pentachlorophenol	16.79	266	4603	2.934	ng/ul	95
70) Phenanthrene	17.18	178	39037	3.684	ng/ul	99
72) Anthracene	17.27	178	41030	3.774	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.17	216	11662	4.038	ng/uL	96
74) Pentachlorobenzene	14.70	250	11081	3.776	ng/uL	96
75) Carbazole	17.55	167	31993	3.419	ng/ul	99
76) Di-n-butylphthalate	18.10	149	36284	3.322	ng/ul	100
77) Fluoranthene	19.16	202	45673	3.529	ng/ul	98
80) Pvrene	19.51	202	50757	3.725	ng/ul	98
81) Butylbenzylphthalate	20.39	149	16358	3.311	ng/ul	97
82) 3,3'-Dichlorobenzidine	21.15	252	14770	3.158	ng/ul	95
83) Benzo(a)anthracene	21.22	228	51702	3.750	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.14	149	23727	3.199	ng/ul	99
85) Chrysene	21.26	228	51384	3.803	ng/ul	98
87) Di-n-octyl phthalate	22.03	149	40073	2.953	ng/ul	100
88) Benzo(b)fluoranthene	22.82	252	54049	3.752	ng/ul	99
89) Benzo(k)fluoranthene	22.87	252	51224	3.605	ng/ul	98
91) Benzo(a)pyrene	23.42	252	49550	3.918	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.86	276	58588	3.626	ng/ul	98
93) Dibenzo(a,h)anthracene	25.87	278	50247	3.675	ng/ul	95
94) Benzo(a,h,i)perylene	26.58	276	48156	3.599	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

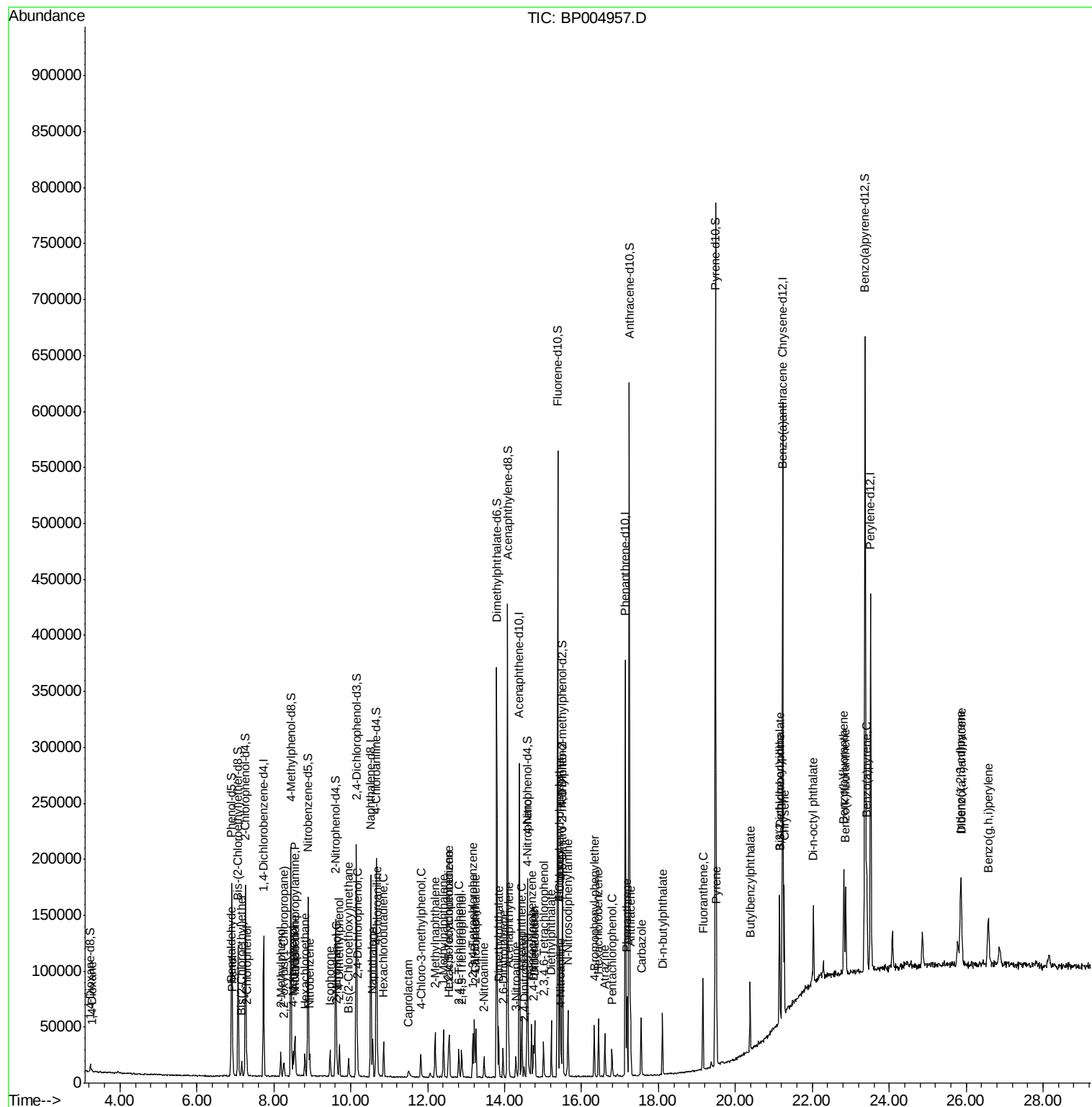
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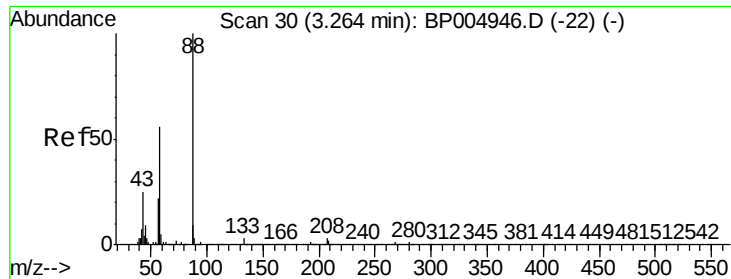
Instrument :
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#2

1,4-Dioxane

Concen: 1.451 ng/uL

RT: 3.26 min Scan# 30

Delta R.T. 0.01 min

Lab File: BP004957.D

Acq: 09 Mar 2021 23:48

Instrument :

BNA_P

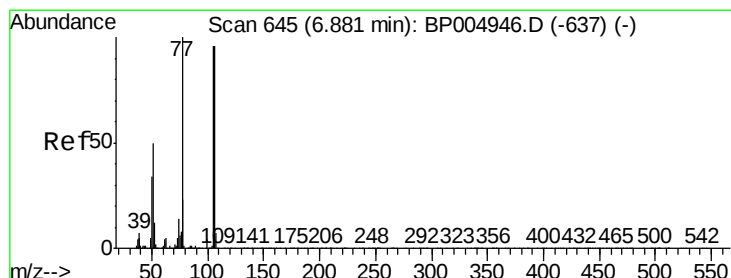
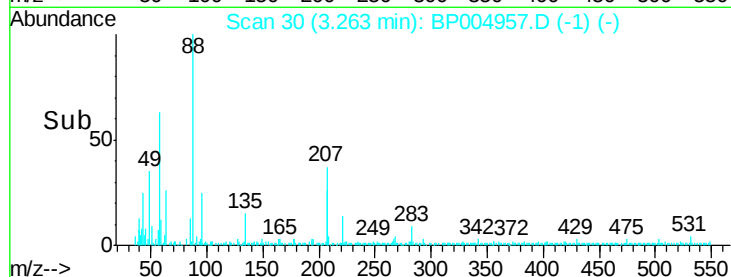
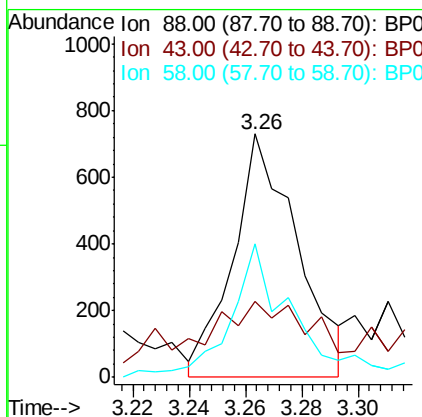
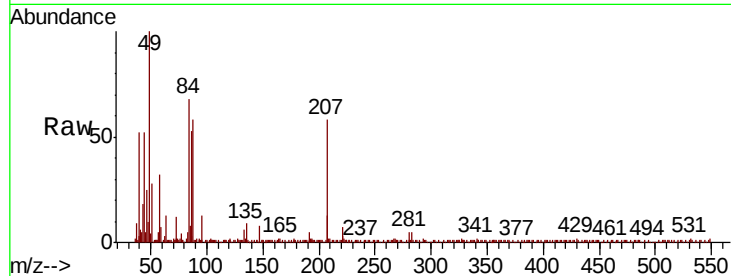
ClientSampleId :

MDL-ME-SOIL-07

Tot Ion:	88	Resp:	1154
Ion	Ratio	Lower	Upper
88	100		
43	31.2	26.0	39.0
58	55.1	52.0	78.0

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#4

Benzaldehyde

Concen: 5.692 ng/uL

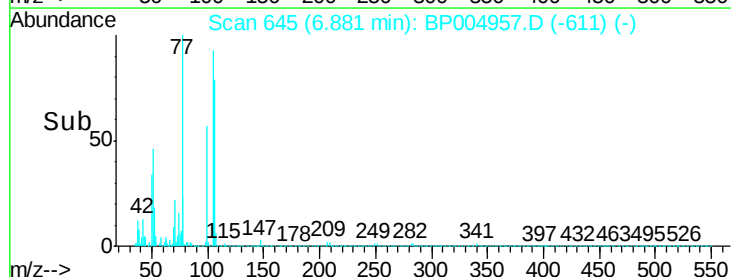
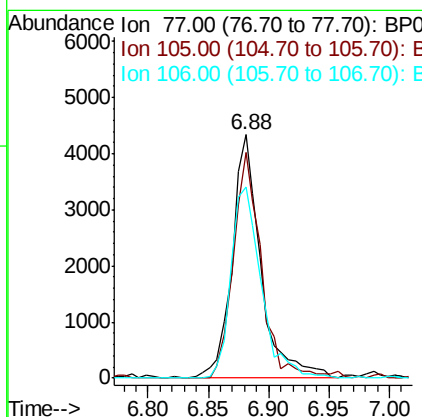
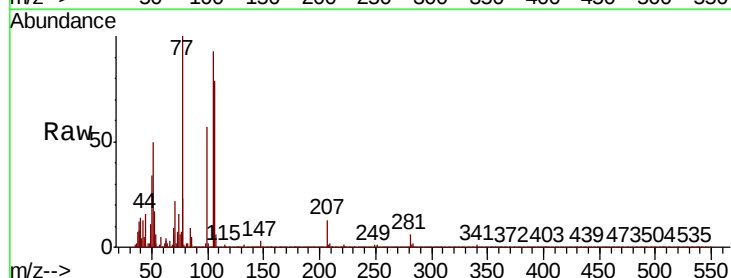
RT: 6.88 min Scan# 645

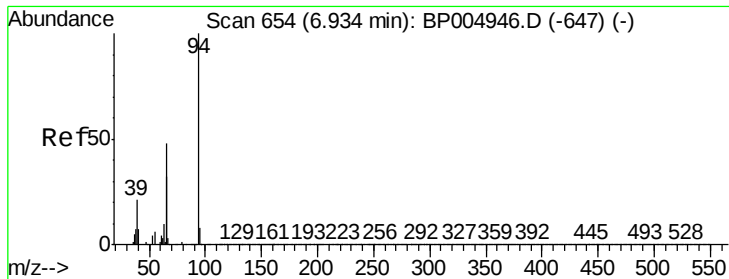
Delta R.T. 0.00 min

Lab File: BP004957.D

Acq: 09 Mar 2021 23:48

Tgt Ion:	77	Resp:	7088
Ion	Ratio	Lower	Upper
77	100		
105	92.9	73.6	110.4
106	78.7	71.3	106.9





#6

Phenol

Concen: 3.704 ng/ul

RT: 6.93 min Scan# 654

Delta R.T. 0.00 min

Lab File: BP004957.D

Acq: 09 Mar 2021 23:48

Instrument :

BNA_P

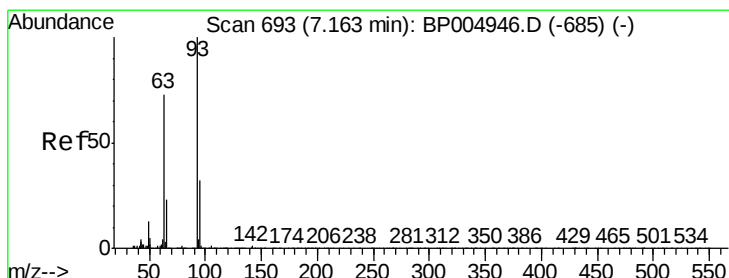
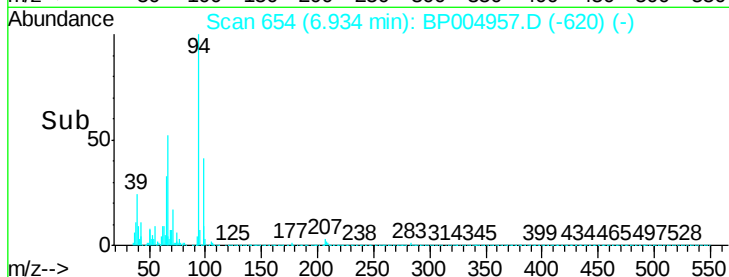
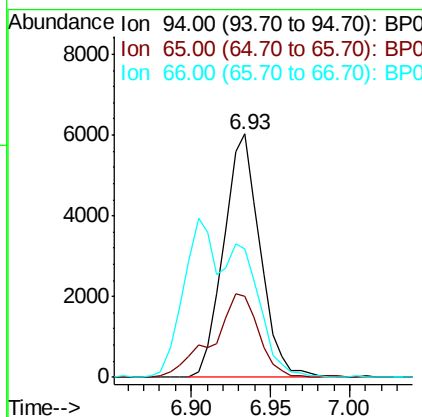
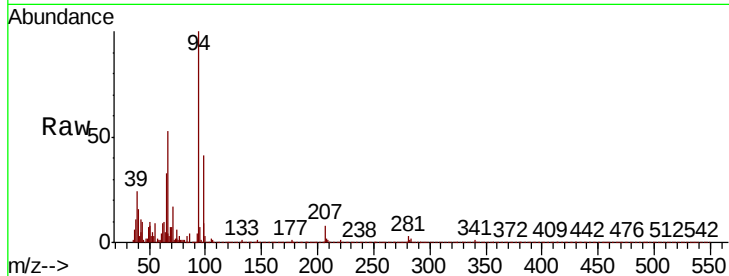
ClientSampleId :

MDL-ME-SOIL-07

Tot Ion:	94	Resp:	9494
Ion	Ratio	Lower	Upper
94	100		
65	33.0	27.6	41.4
66	52.6	39.0	58.6

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#8

Bis(2-Chloroethyl)ether

Concen: 4.168 ng/ul

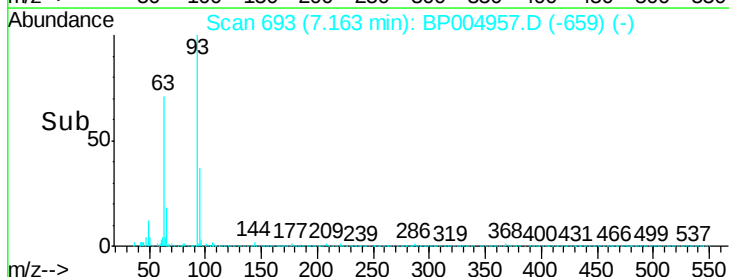
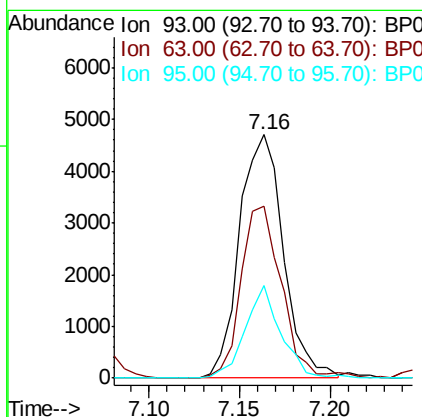
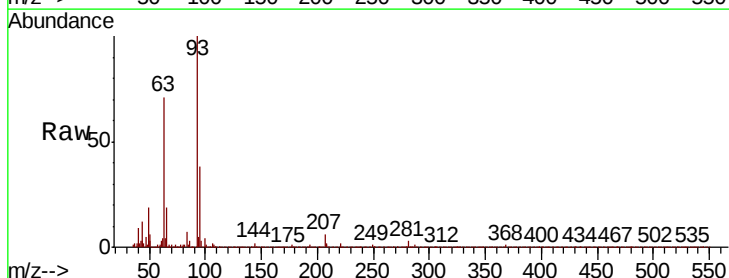
RT: 7.16 min Scan# 693

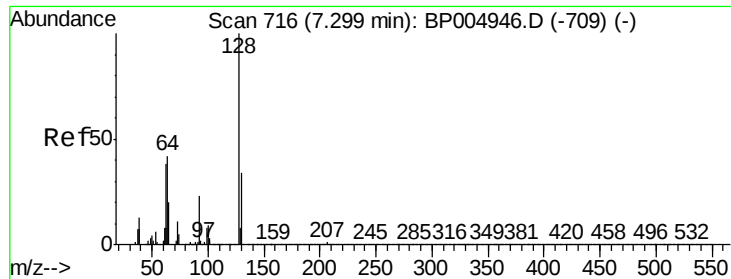
Delta R.T. 0.00 min

Lab File: BP004957.D

Acq: 09 Mar 2021 23:48

Tgt Ion:	93	Resp:	7885
Ion	Ratio	Lower	Upper
93	100		
63	70.9	54.2	81.2
95	38.1	24.5	36.7#





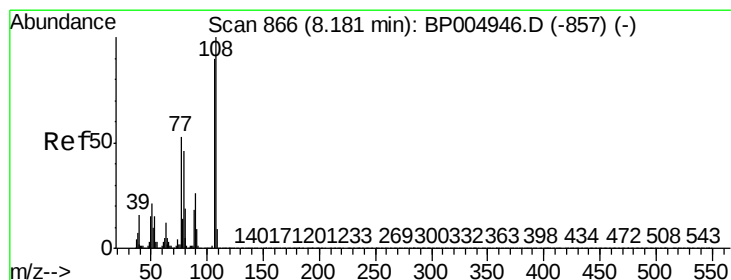
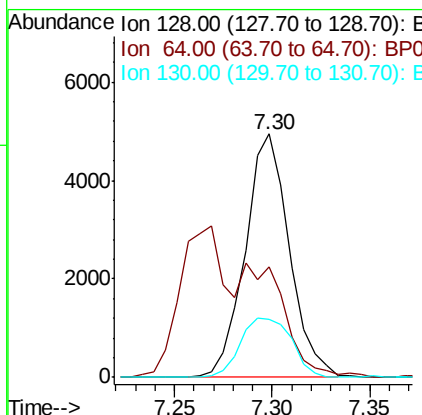
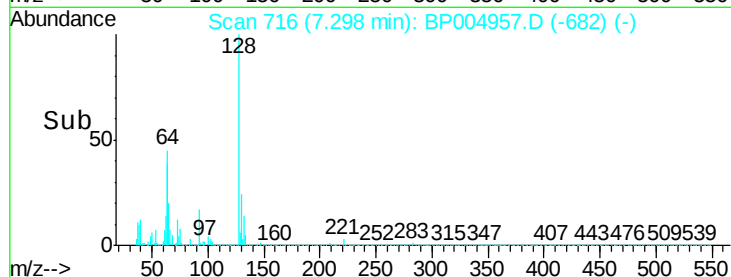
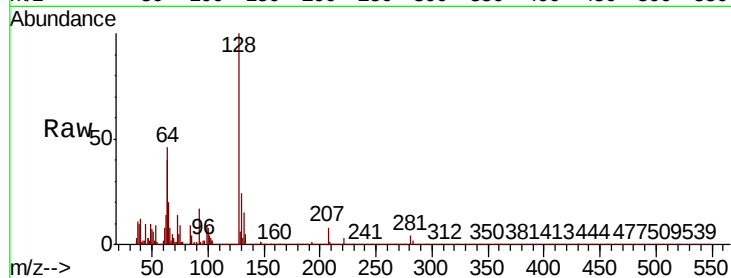
#10
2-Chlorophenol
Concen: 3.943 ng/ul
RT: 7.30 min Scan# 716
Delta R.T. 0.00 min
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Tot Ion	Ratio	Lower	Upper
128	100		
64	45.6	38.7	58.1
130	24.0	26.5	39.7

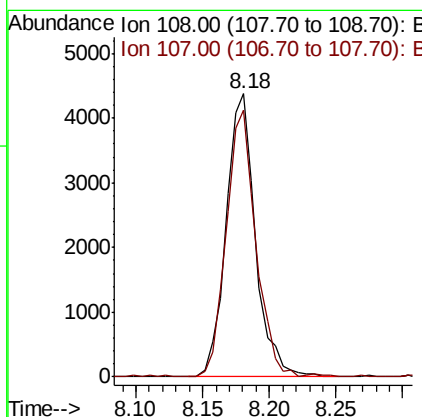
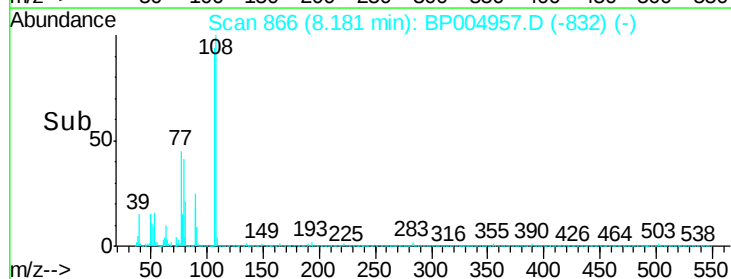
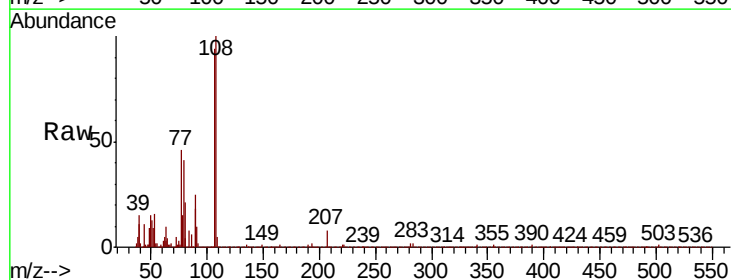
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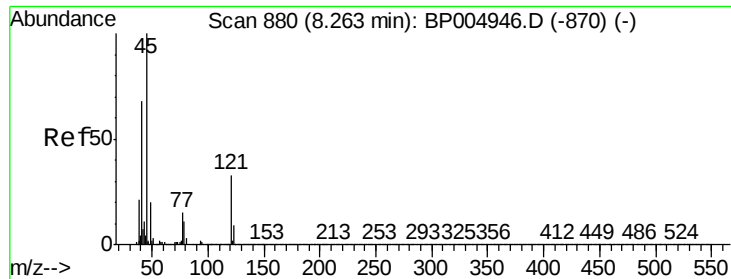
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#11
2-Methylphenol
Concen: 3.465 ng/ul
RT: 8.18 min Scan# 866
Delta R.T. 0.00 min
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Tgt Ion	Ratio	Lower	Upper
108	100		
107	94.4	77.5	116.3





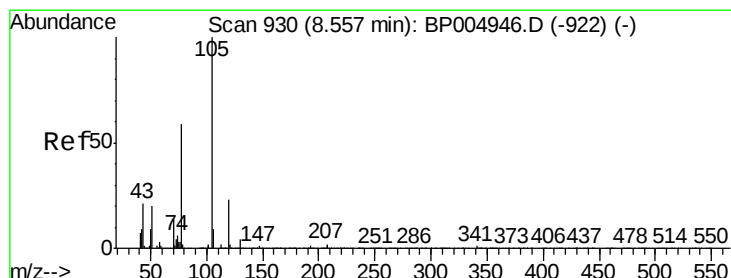
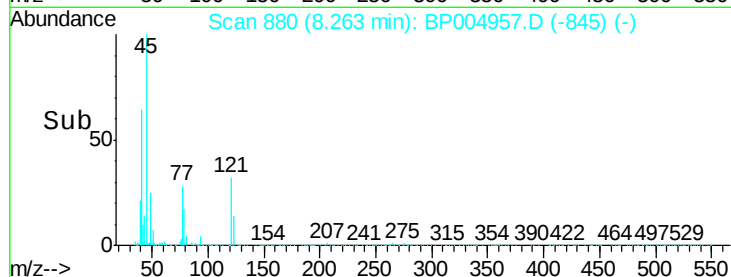
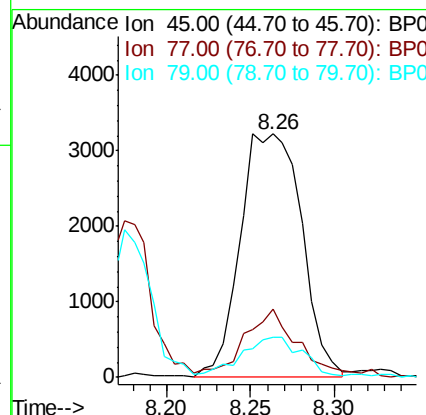
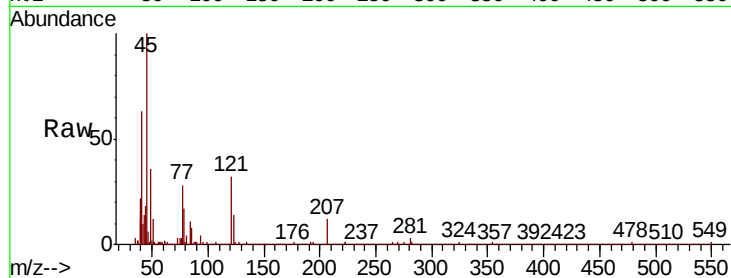
#12
2,2'-oxvbis(1-Chloropropane)
Concen: 4.056 ng/ul m
RT: 8.26 min Scan# 880
Delta R.T. 0.01 min
Lab File: BP004957.D
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Tot Ion	Ratio	Lower	Upper
45	100		
77	27.8	16.5	24.7#
79	16.5	11.8	17.6

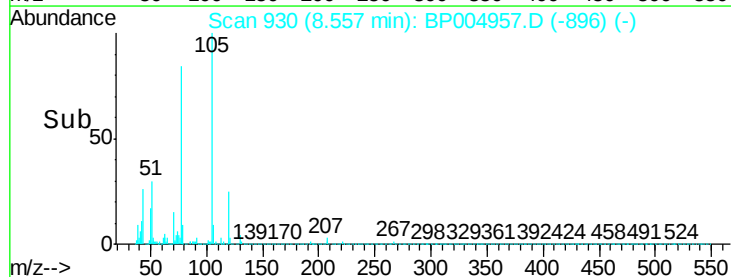
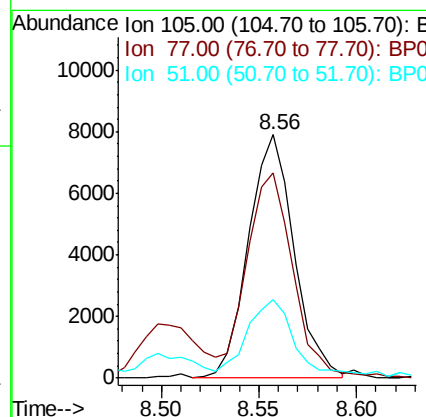
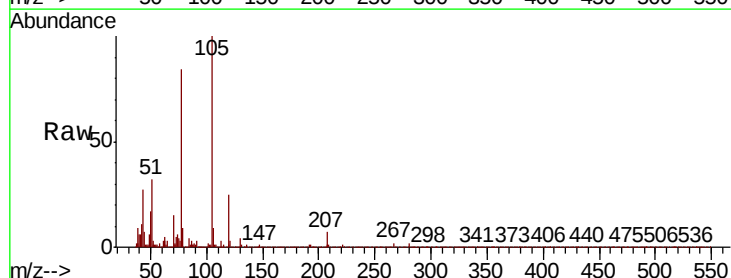
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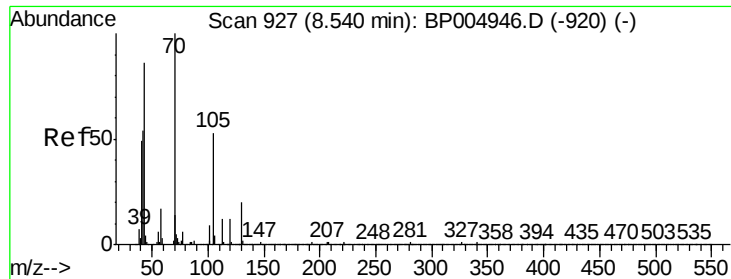
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#14
Acetophenone
Concen: 3.764 ng/ul
RT: 8.56 min Scan# 930
Delta R.T. 0.00 min
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Tgt Ion	Ratio	Lower	Upper
105	100		
77	84.3	65.8	98.6
51	32.1	23.1	34.7





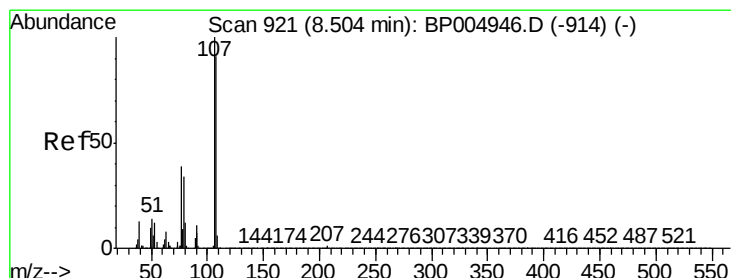
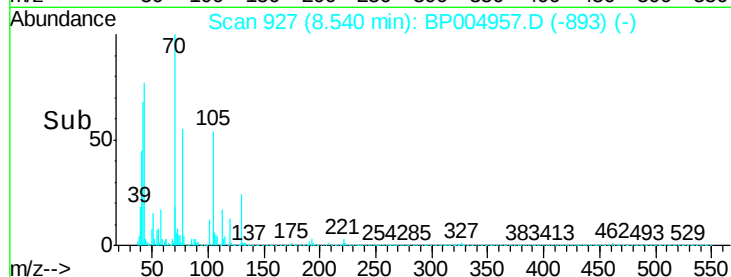
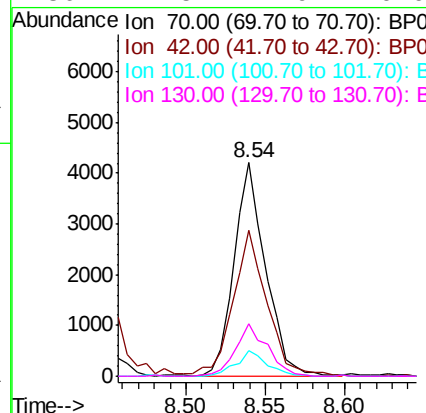
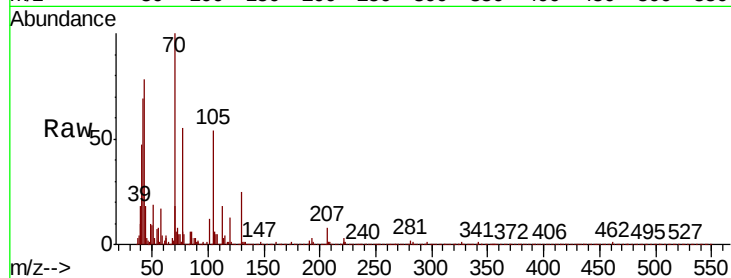
#15
N-Nitroso-di-n-propylamine
Concen: 3.625 ng/ul
RT: 8.54 min Scan# 927
Delta R.T. 0.00 min
Lab File: BP004957.D
Acq: 09 Mar 2021 23:48

Instrument :
BNA_P
ClientSampleId :
MDL-ME-SOIL-07

Tot Ion	70	Resp:	5808
Ion	Ratio	Lower	Upper
70	100		
42	68.6	46.6	70.0
101	11.9	8.8	13.2
130	24.5	17.9	26.9

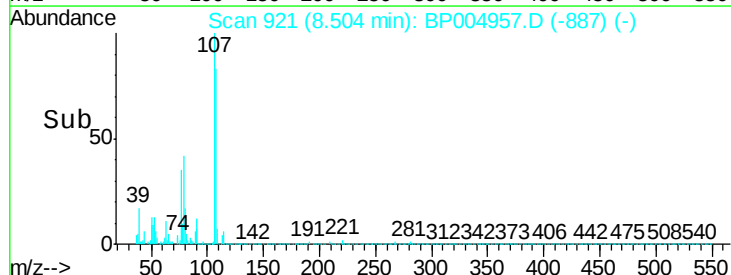
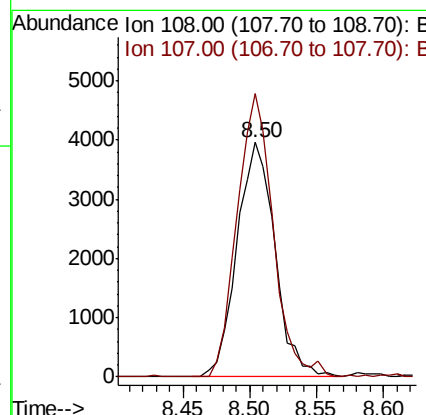
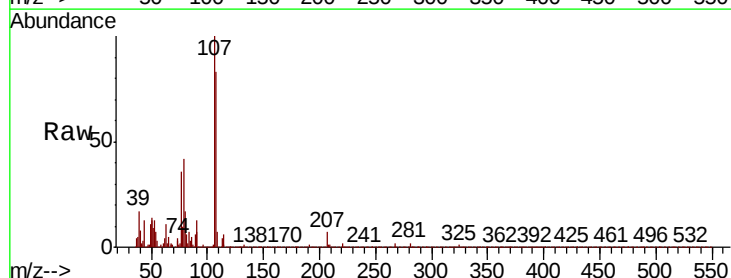
Manual Integrations
APPROVED

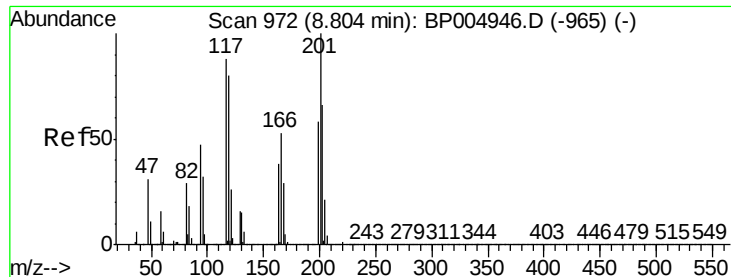
mohammad
3/10/2021 11:54:47 AM



#16
4-Methylphenol
Concen: 3.623 ng/ul
RT: 8.50 min Scan# 921
Delta R.T. 0.00 min
Lab File: BP004957.D
Acq: 09 Mar 2021 23:48

Tgt Ion	108	Resp:	7797
Ion	Ratio	Lower	Upper
108	100		
107	120.9	92.8	139.2





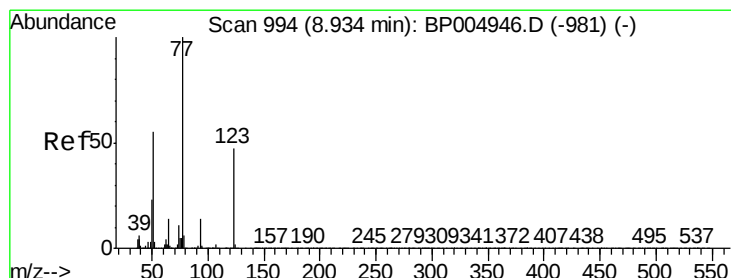
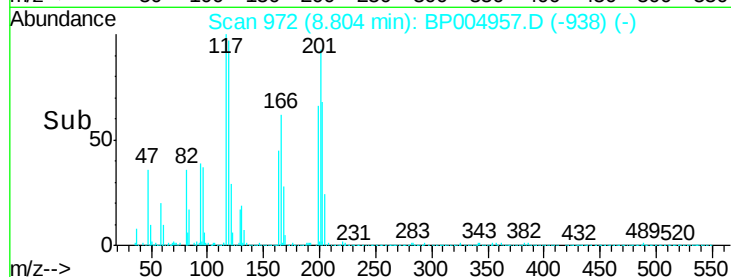
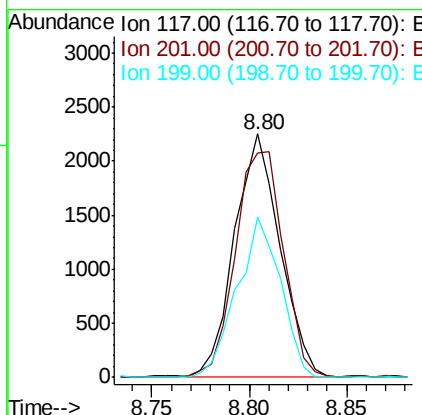
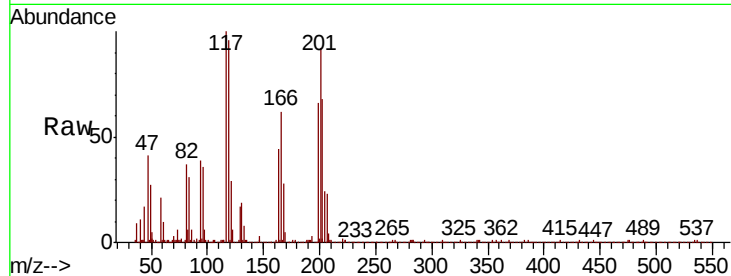
#17
Hexachloroethane
Concen: 3.992 ng/ul
RT: 8.80 min Scan# 972
Delta R.T. 0.00 min
Lab File: BP004957.D
Acq: 09 Mar 2021 23:48

Instrument :
BNA_P
ClientSampleId :
MDL-ME-SOIL-07

Tot Ion	Ratio	Lower	Upper
117	100		
201	92.3	82.4	123.6
199	66.0	44.6	66.8

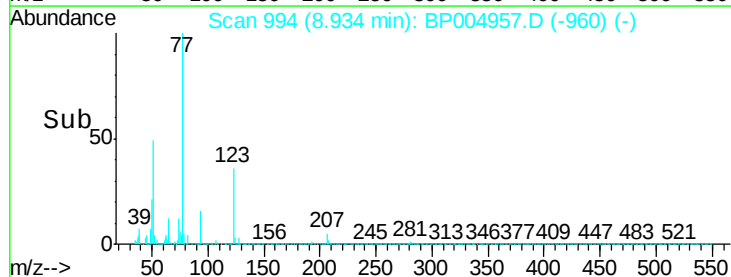
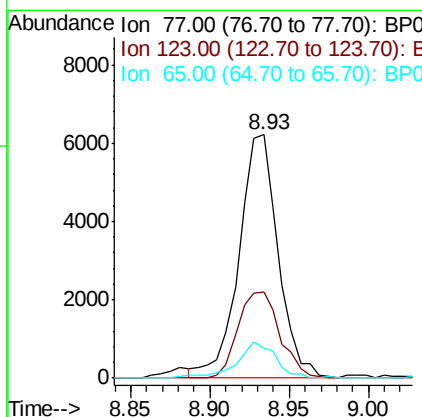
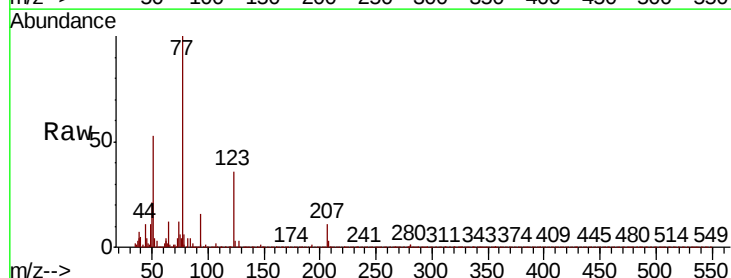
Manual Integrations
APPROVED

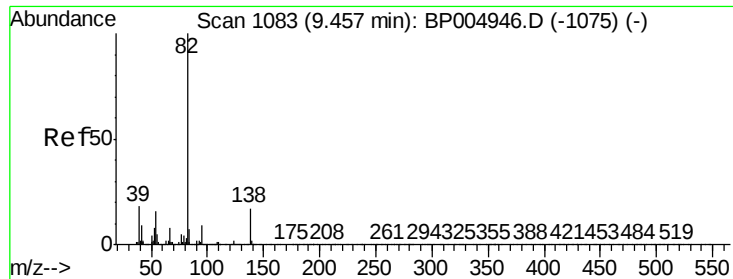
mohammad
3/10/2021 11:54:47 AM



#20
Nitrobenzene
Concen: 4.241 ng/ul
RT: 8.93 min Scan# 994
Delta R.T. 0.00 min
Lab File: BP004957.D
Acq: 09 Mar 2021 23:48

Tgt Ion	Ratio	Lower	Upper
77	100		
123	35.6	32.7	49.1
65	12.0	10.9	16.3





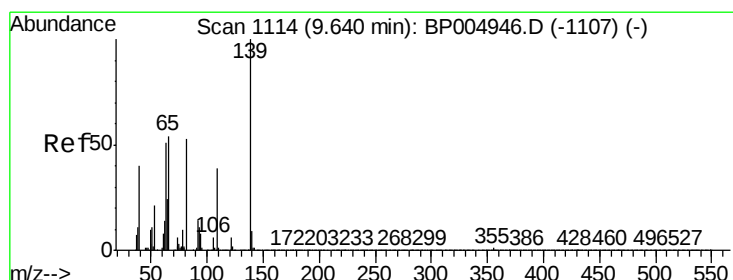
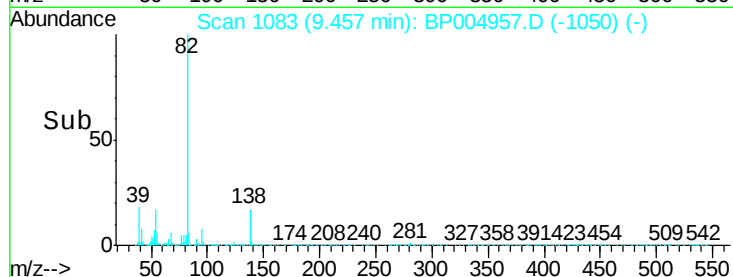
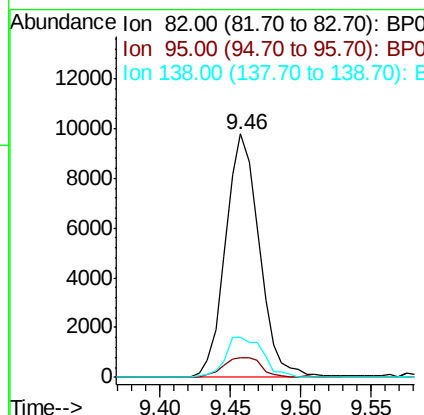
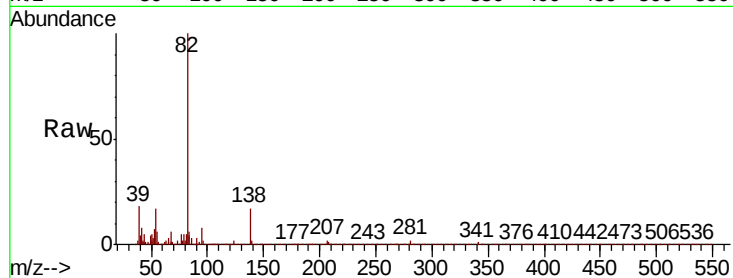
#21
Isophorone
Concen: 3.834 ng/ul
RT: 9.46 min Scan# 1083
Delta R.T. -0.01 min
Lab File: BP004957.D
Acq: 09 Mar 2021 23:48

Instrument :
BNA_P
ClientSampleId :
MDL-ME-SOIL-07

Tot Ion	Ratio	Lower	Upper
82	100		
95	8.2	8.0	12.0
138	16.5	13.8	20.6

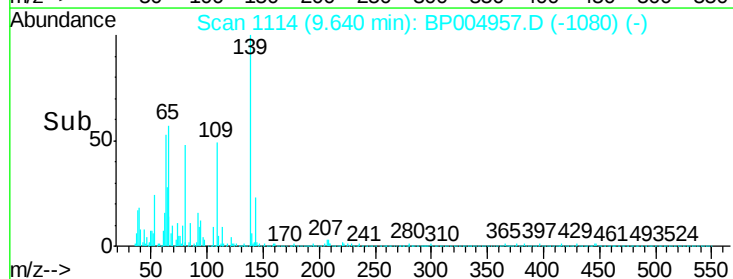
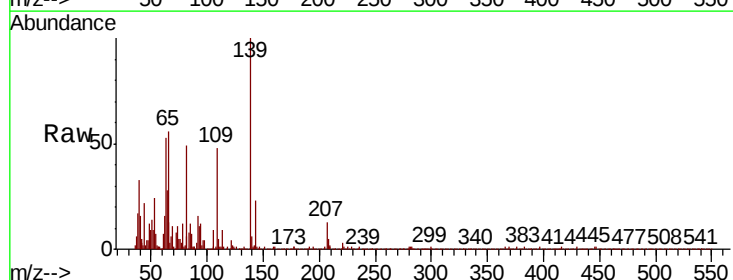
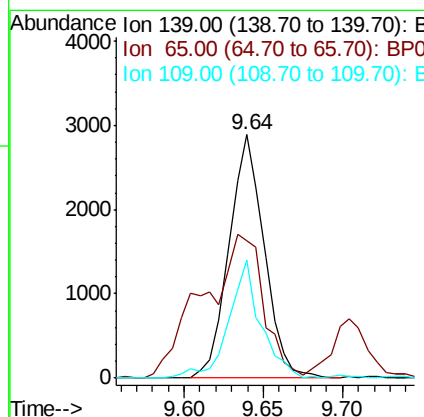
Manual Integrations
APPROVED

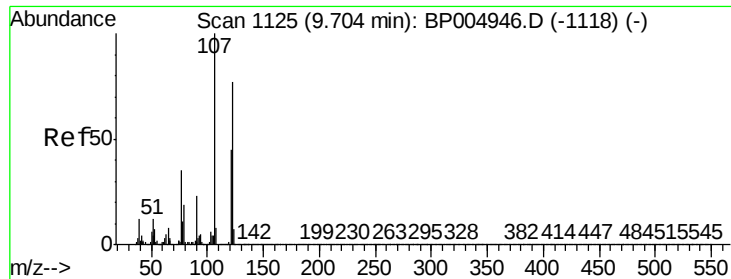
mohammad
3/10/2021 11:54:47 AM



#23
2-Nitrophenol
Concen: 4.016 ng/ul
RT: 9.64 min Scan# 1114
Delta R.T. 0.00 min
Lab File: BP004957.D
Acq: 09 Mar 2021 23:48

Tgt Ion	Ratio	Lower	Upper
139	100		
65	56.4	48.7	73.1
109	48.3	35.4	53.0





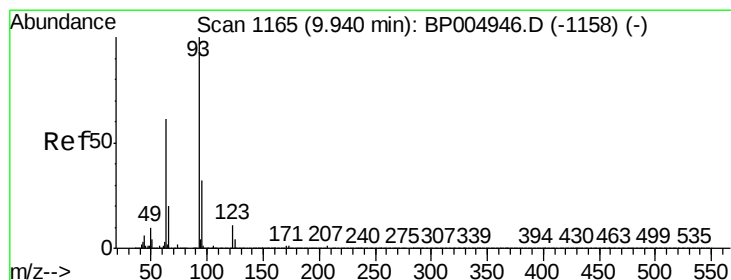
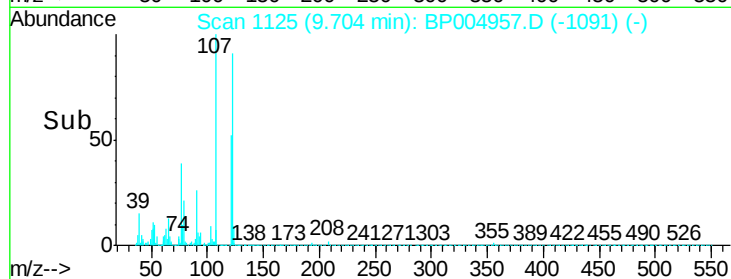
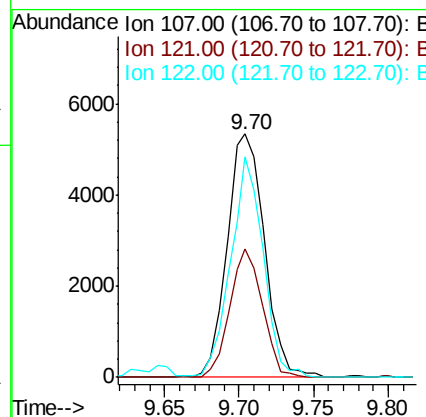
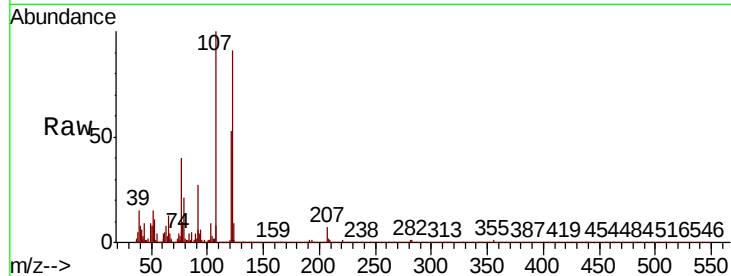
#24
2,4-Dimethylphenol
Concen: 3.641 ng/ul
RT: 9.70 min Scan# 1125
Delta R.T. 0.00 min
Lab File: BP004957.D
Acq: 09 Mar 2021 23:48

Instrument :
BNA_P
ClientSampleId :
MDL-ME-SOIL-07

Tot Ion	Ratio	Lower	Upper
107	100		
121	52.6	35.9	53.9
122	90.7	55.7	83.5

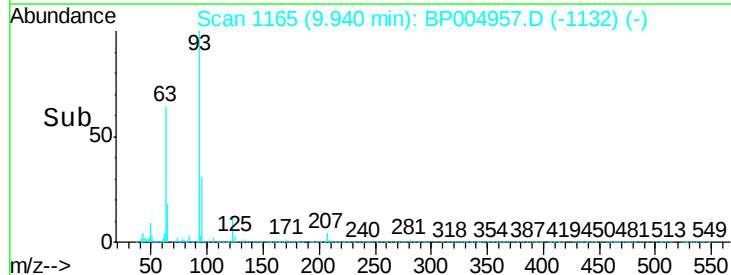
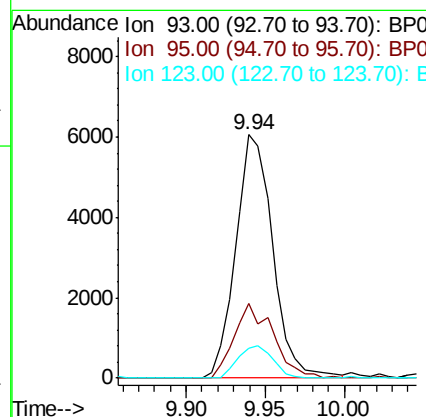
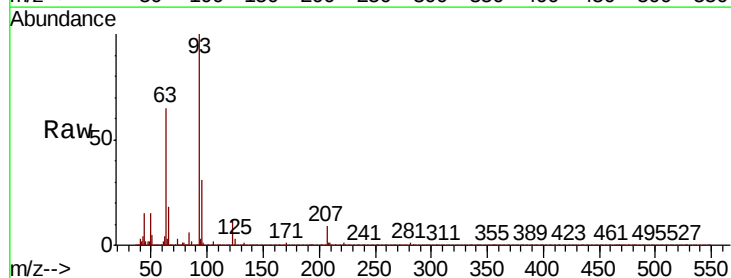
Manual Integrations
APPROVED

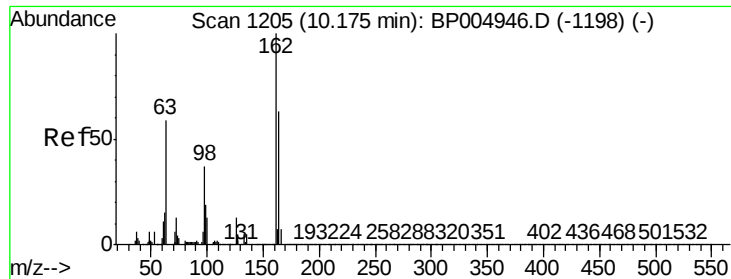
mohammad
3/10/2021 11:54:47 AM



#25
Bis(2-Chloroethoxy)methane
Concen: 3.811 ng/ul
RT: 9.94 min Scan# 1165
Delta R.T. -0.01 min
Lab File: BP004957.D
Acq: 09 Mar 2021 23:48

Tgt Ion	Ratio	Lower	Upper
93	100		
95	30.5	25.4	38.0
123	12.5	9.8	14.8





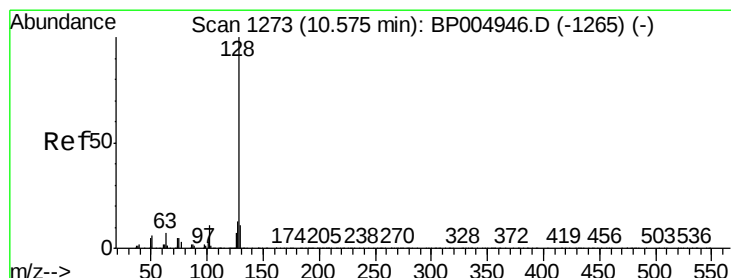
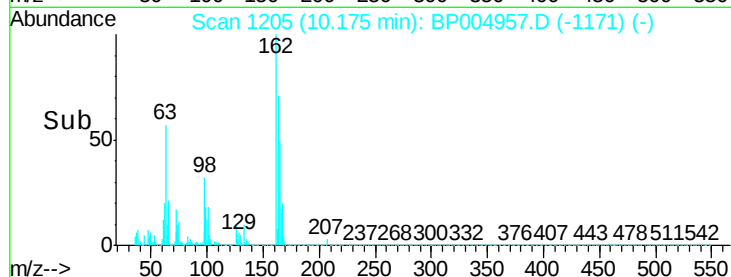
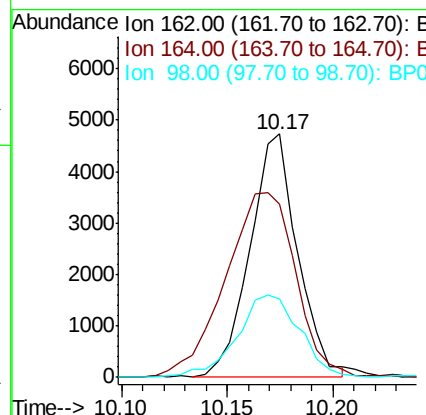
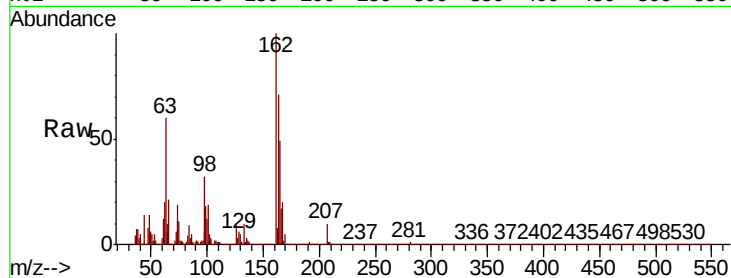
#27
2,4-Dichlorophenol
Concen: 3.718 ng/ul
RT: 10.17 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BP004957.D
Acq: 09 Mar 2021 23:48

Instrument :
BNA_P
ClientSampleId :
MDL-ME-SOIL-07

Tot Ion	Ratio	Lower	Upper
162	100		
164	71.1	46.3	69.5#
98	32.1	30.3	45.5

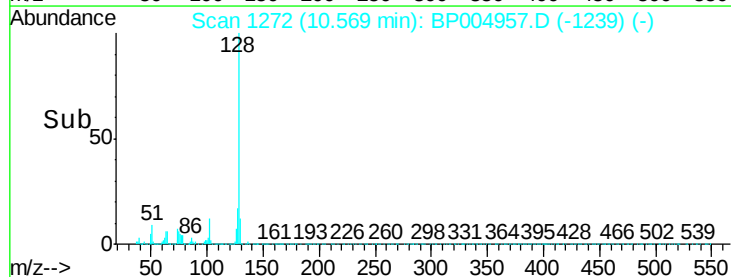
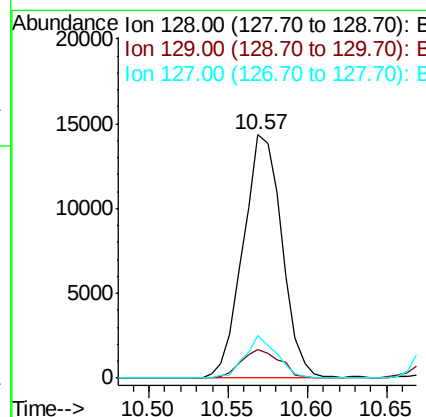
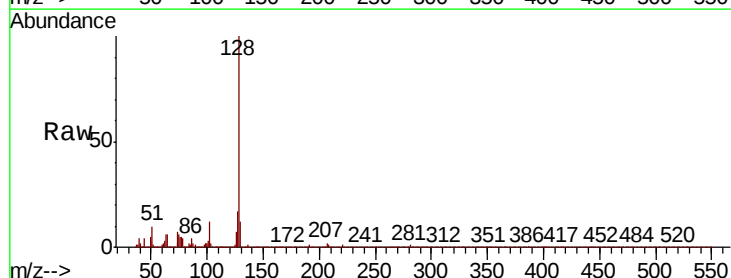
Manual Integrations
APPROVED

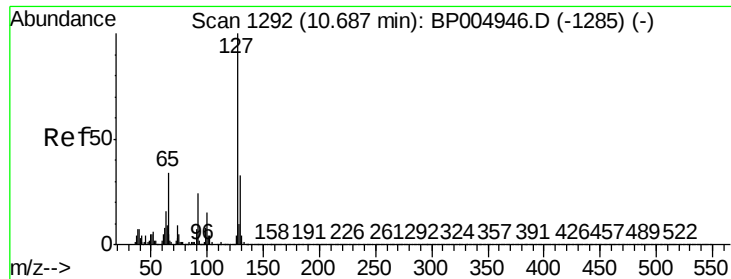
mohammad
3/10/2021 11:54:47 AM



#28
Naphthalene
Concen: 3.743 ng/ul
RT: 10.57 min Scan# 1272
Delta R.T. -0.01 min
Lab File: BP004957.D
Acq: 09 Mar 2021 23:48

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.8	8.4	12.6
127	17.4	11.0	16.4#





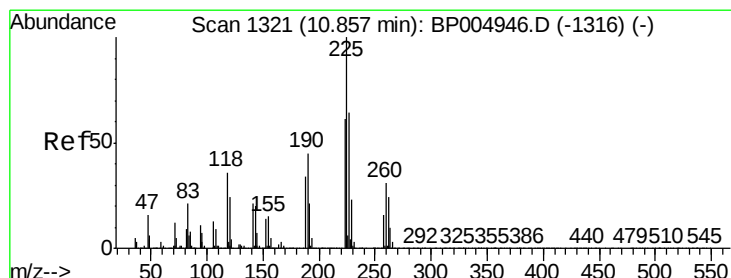
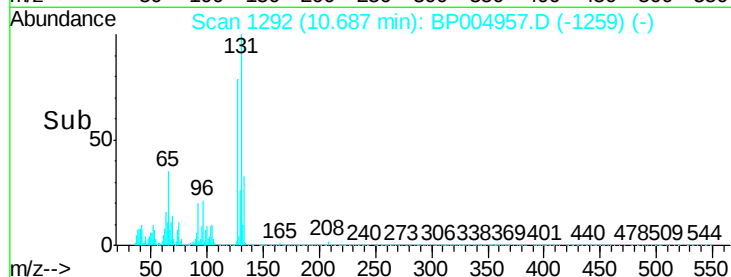
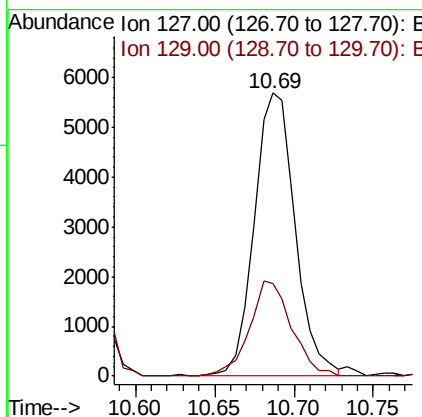
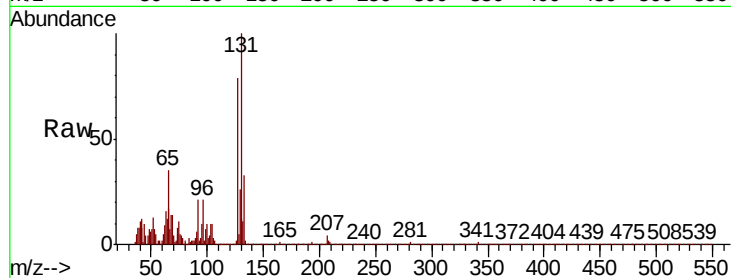
#30
4-Chloroaniline
Concen: 4.462 ng/ul
RT: 10.69 min Scan# 1292
Delta R.T. -0.01 min
Lab File: BP004957.D
Acq: 09 Mar 2021 23:48

Instrument :
BNA_P
ClientSampleId :
MDL-ME-SOIL-07

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.7	27.0	40.4

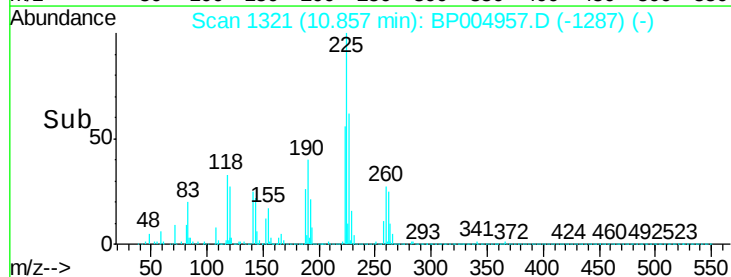
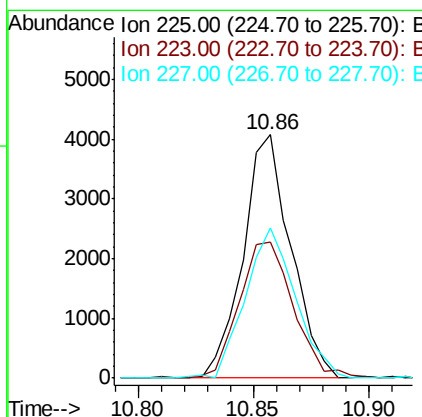
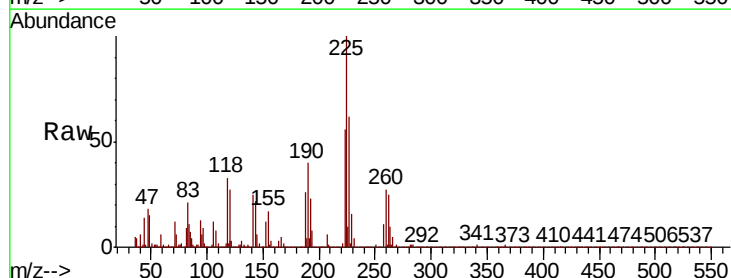
Manual Integrations
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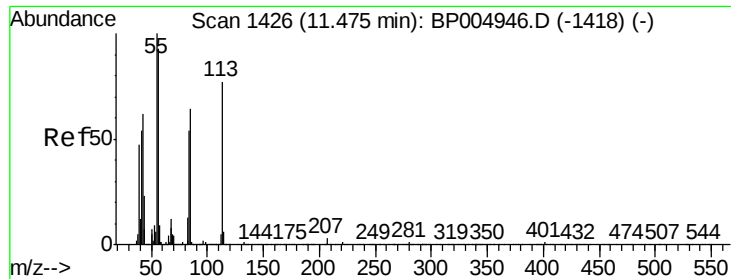
mohammad
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#31
Hexachlorobutadiene
Concen: 3.855 ng/ul
RT: 10.86 min Scan# 1321
Delta R.T. 0.00 min
Lab File: BP004957.D
Acq: 09 Mar 2021 23:48

Tgt Ion	Ratio	Lower	Upper
225	100		
223	55.8	51.0	76.6
227	61.8	48.1	72.1





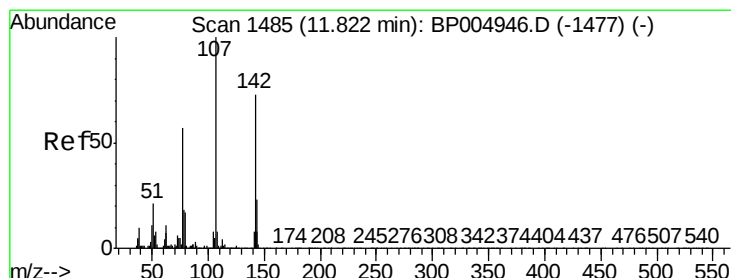
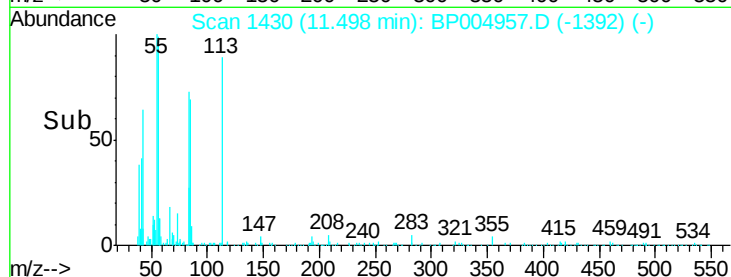
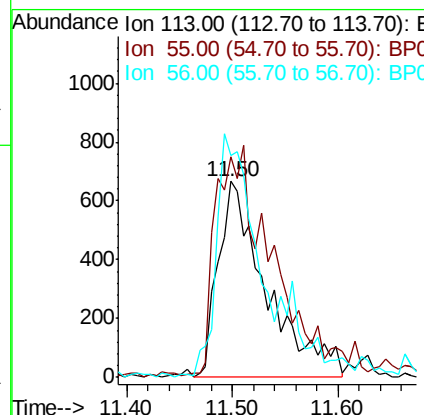
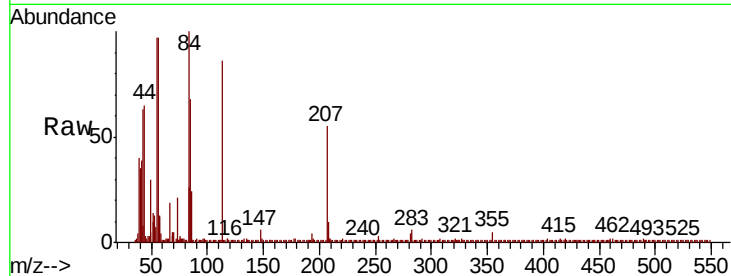
#32
Caprolactam
Concen: 3.271 ng/ul m
RT: 11.50 min Scan# 1430
Delta R.T. 0.02 min
Lab File: BP004957.D
Acq: 09 Mar 2021 23:48

Instrument :
BNA_P
ClientSampleId :
MDL-ME-SOIL-07

Tot Ion	Ion	Ratio	Lower	Upper
113	100			
55	112.9	96.7	145.1	
56	113.1	85.7	128.5	

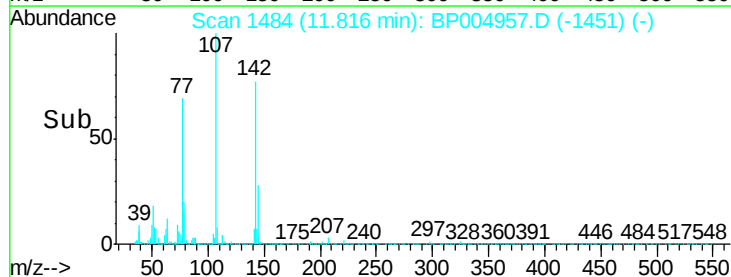
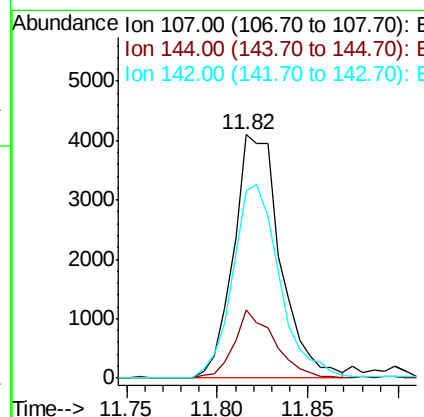
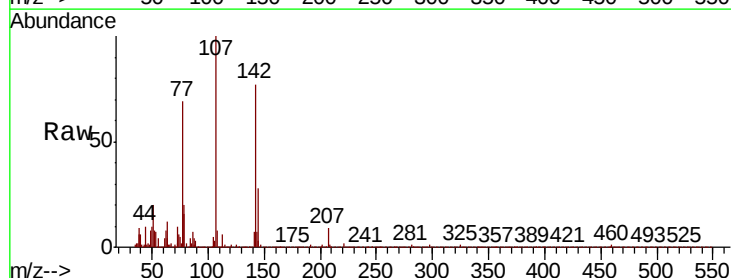
Manual Integrations
APPROVED

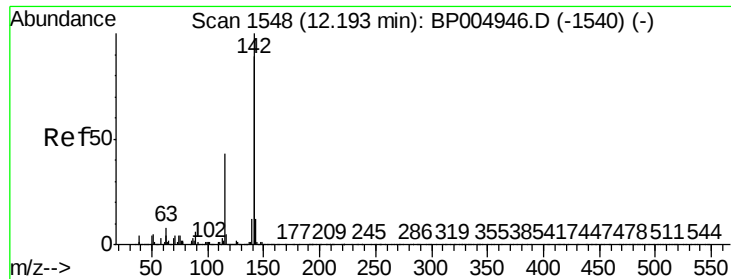
mohammad
3/10/2021 11:54:47 AM



#33
4-Chloro-3-methylphenol
Concen: 3.205 ng/ul
RT: 11.82 min Scan# 1484
Delta R.T. -0.01 min
Lab File: BP004957.D
Acq: 09 Mar 2021 23:48

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
144	27.9	17.4	26.0#	
142	76.7	53.6	80.4	





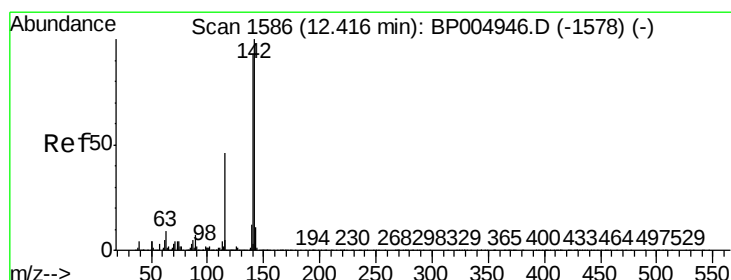
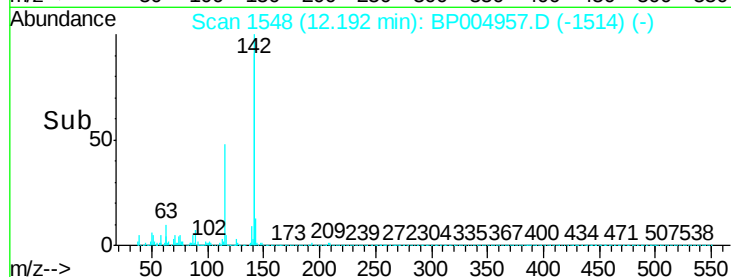
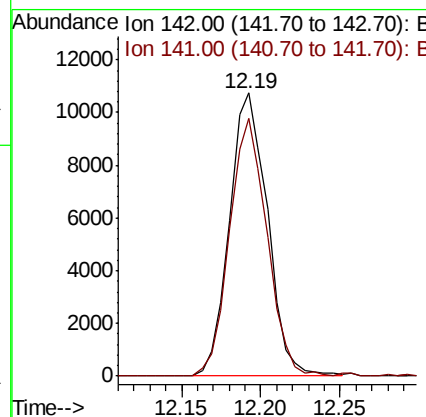
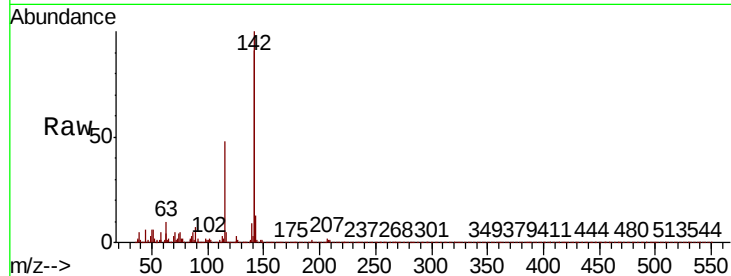
#34
2-Methylnaphthalene
Concen: 3.775 ng/ul
RT: 12.19 min Scan# 1548
Delta R.T. 0.00 min
Lab File: BP004957.D
Acq: 09 Mar 2021 23:48

Instrument :
BNA_P
ClientSampleId :
MDL-ME-SOIL-07

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.1	73.5	110.3

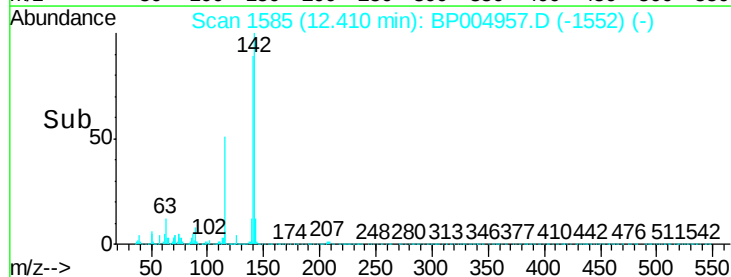
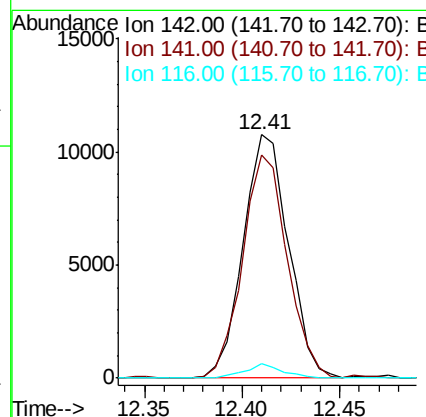
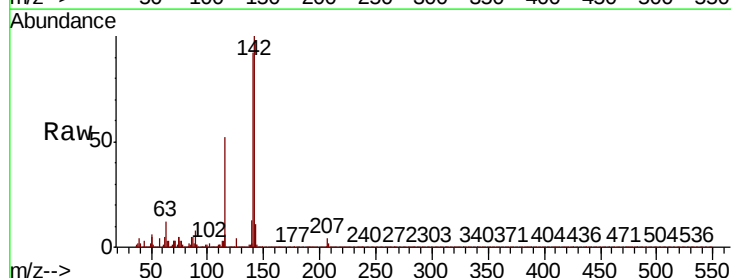
Manual Integrations
APPROVED

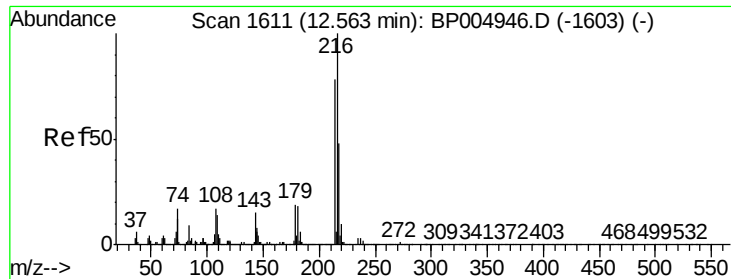
mohammad
3/10/2021 11:54:47 AM



#35
1-Methylnaphthalene
Concen: 3.721 ng/ul
RT: 12.41 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BP004957.D
Acq: 09 Mar 2021 23:48

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.9	74.6	111.8
116	5.9	3.6	5.4





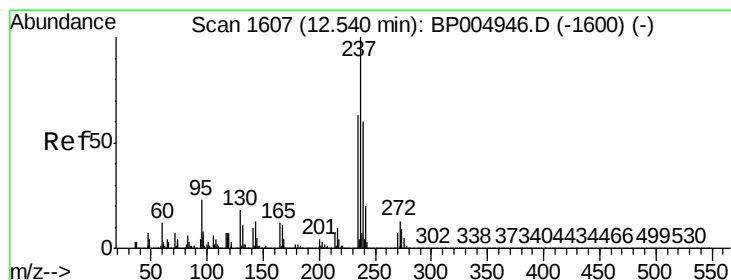
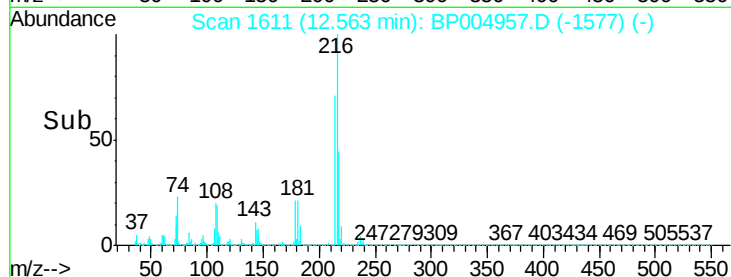
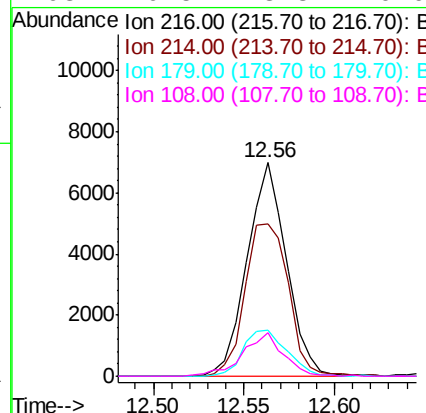
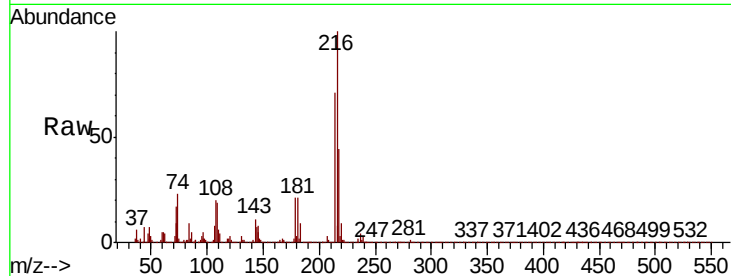
#37
 1,2,4,5-Tetrachlorobenzene
 Concen: 3.648 ng/ul
 RT: 12.56 min Scan# 1611
 Delta R.T. 0.00 min
 Lab File: BP004957.D
 Acq: 09 Mar 2021 23:48

Instrument :
 BNA_P
 ClientSampleId :
 MDL-ME-SOIL-07

Tot Ion	Ratio	Lower	Upper
216	100		
214	71.3	62.9	94.3
179	21.5	16.6	24.8
108	20.5	13.3	19.9

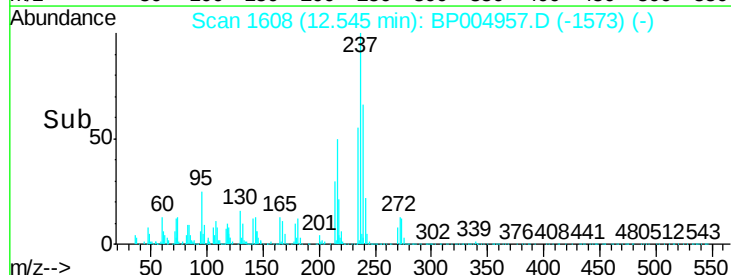
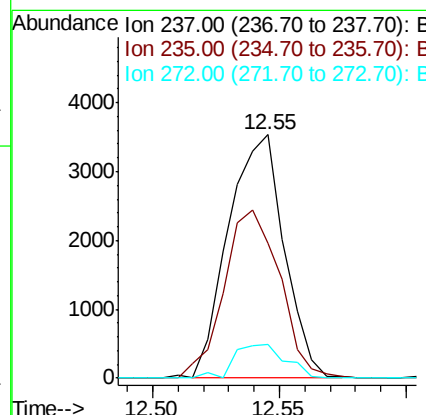
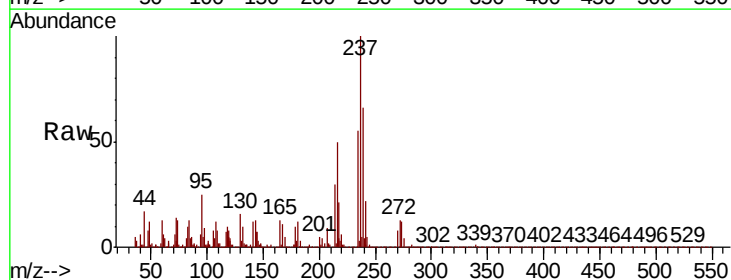
Manual Integrations
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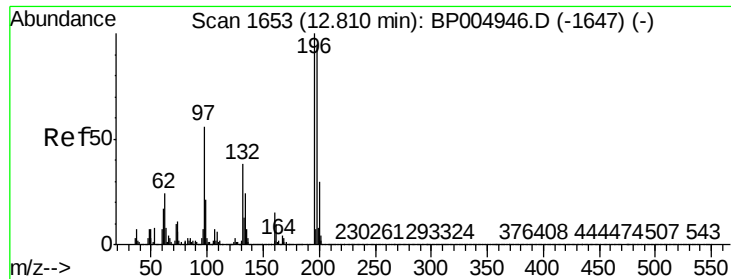
mohammad
 3/10/2021 11:54:47 AM



#38
 Hexachlorocyclopentadiene
 Concen: 2.892 ng/ul
 RT: 12.55 min Scan# 1608
 Delta R.T. 0.01 min
 Lab File: BP004957.D
 Acq: 09 Mar 2021 23:48

Tgt Ion	Ratio	Lower	Upper
237	100		
235	55.3	49.0	73.6
272	13.7	10.6	15.8





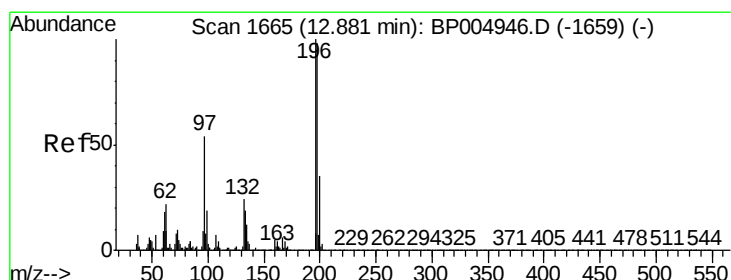
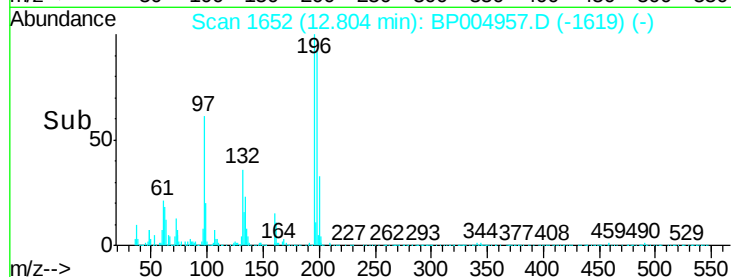
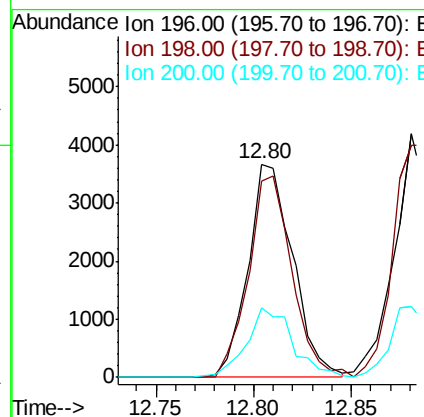
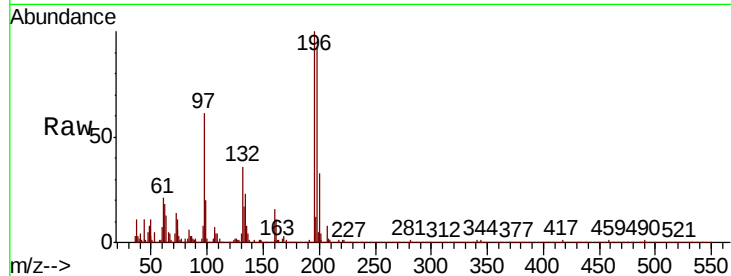
#39
 2,4,6-Trichlorophenol
 Concen: 3.387 ng/ul
 RT: 12.80 min Scan# 1652
 Delta R.T. -0.01 min
 Lab File: BP004957.D
 Acq: 09 Mar 2021 23:48

Instrument :
 BNA_P
 ClientSampleId :
 MDL-ME-SOIL-07

Tot Ion	Ratio	Lower	Upper
196	100		
198	91.9	78.2	117.2
200	32.8	24.5	36.7

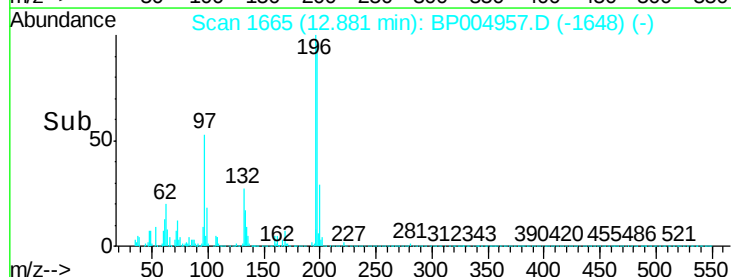
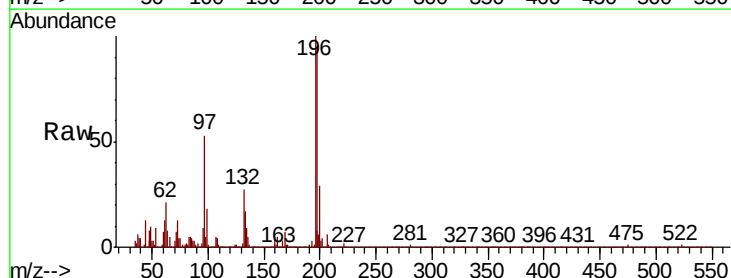
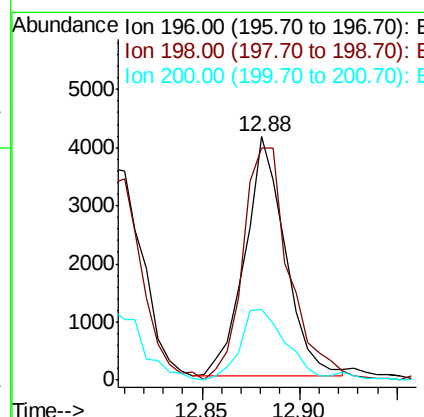
Manual Integrations
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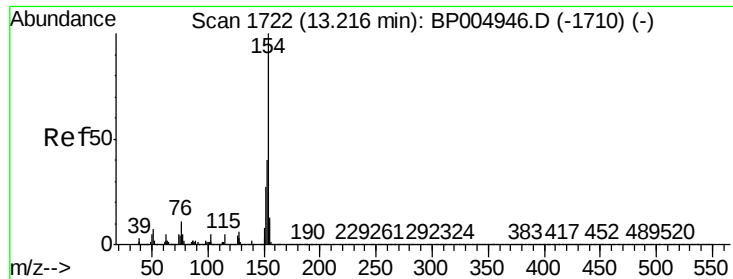
mohammad
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#40
 2,4,5-Trichlorophenol
 Concen: 3.157 ng/ul
 RT: 12.88 min Scan# 1665
 Delta R.T. 0.00 min
 Lab File: BP004957.D
 Acq: 09 Mar 2021 23:48

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.1	80.0	120.0
200	29.3	24.8	37.2





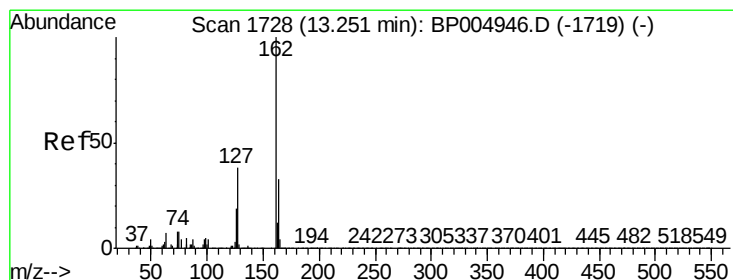
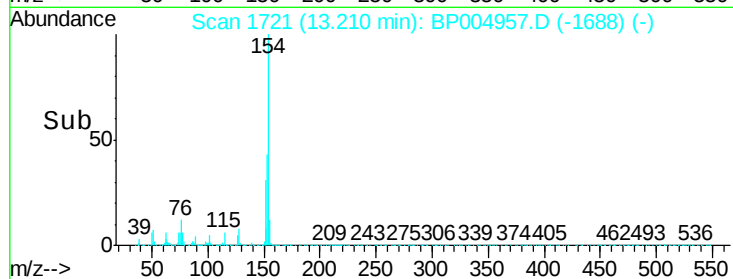
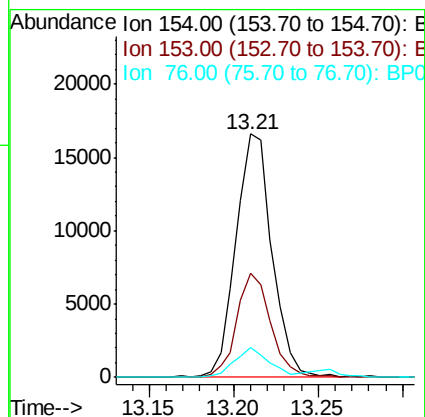
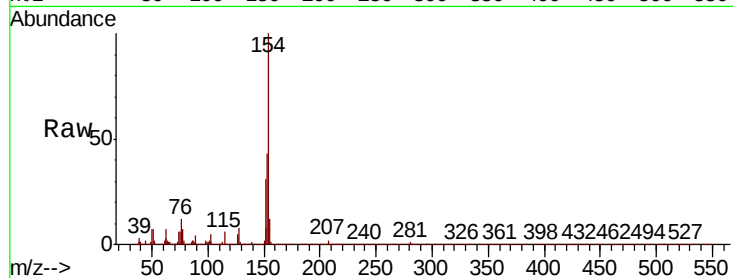
#41
1,1'-Biphenyl
Concen: 3.878 ng/ul
RT: 13.21 min Scan# 1721
Delta R.T. -0.01 min
Lab File: BP004957.D
Acq: 09 Mar 2021 23:48

Instrument :
BNA_P
ClientSampleId :
MDL-ME-SOIL-07

Tot Ion:	154	Resp:	24748
Ion Ratio	Lower	Upper	
154	100		
153	42.8	32.4	48.6
76	12.5	9.8	14.8

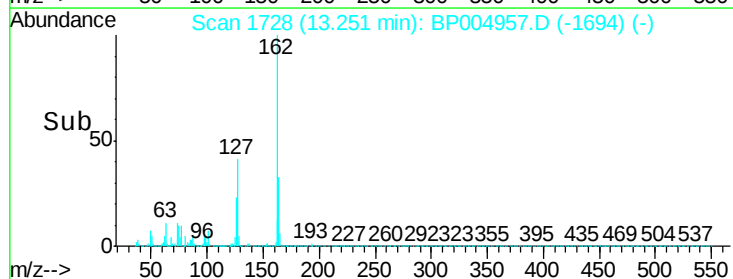
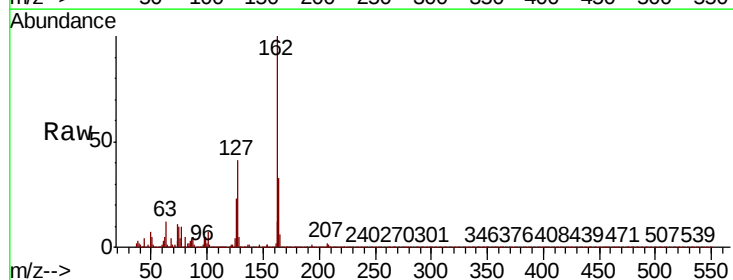
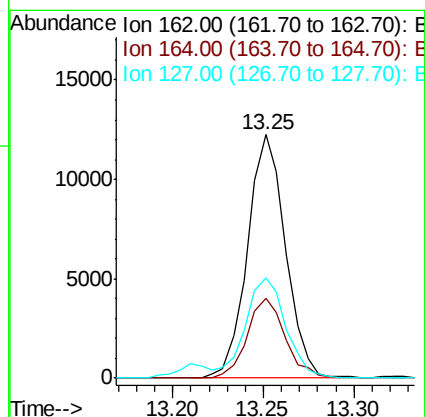
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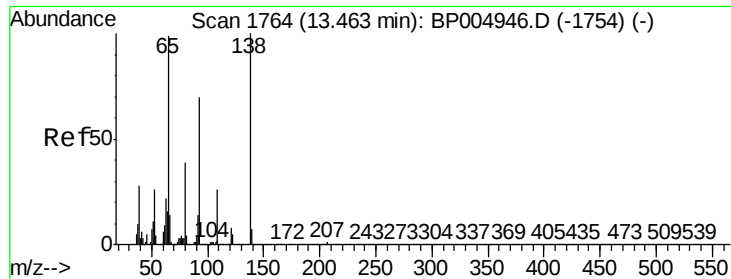
mohammad
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#42
2-Chloronaphthalene
Concen: 3.538 ng/ul
RT: 13.25 min Scan# 1728
Delta R.T. 0.00 min
Lab File: BP004957.D
Acq: 09 Mar 2021 23:48

Tgt Ion:	162	Resp:	17699
Ion Ratio	Lower	Upper	
162	100		
164	33.0	28.1	42.1
127	41.2	32.6	49.0





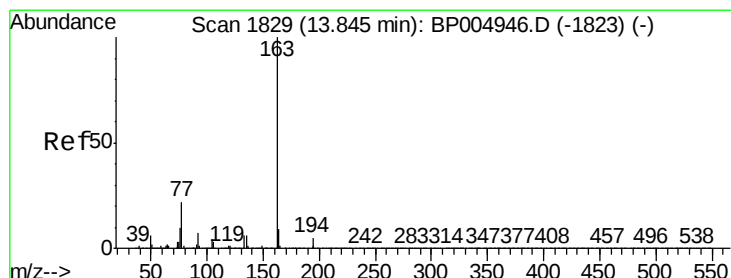
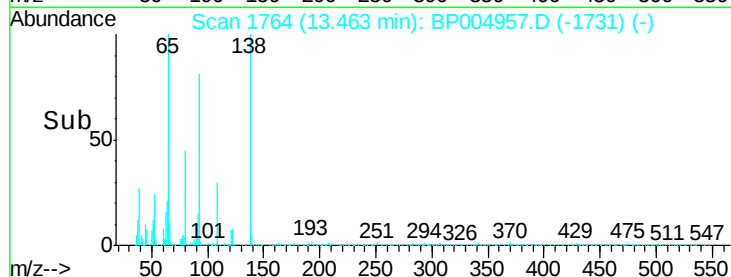
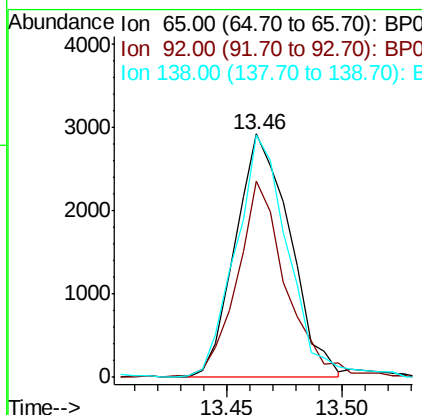
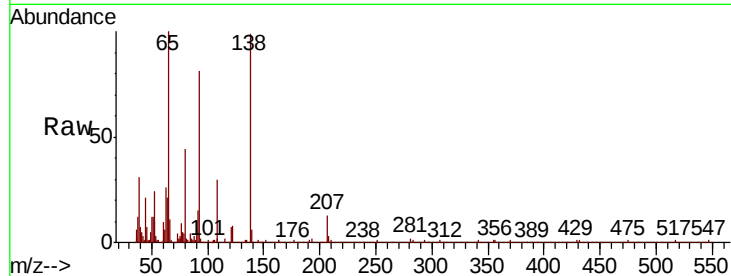
#43
2-Nitroaniline
Concen: 3.299 ng/ul
RT: 13.46 min Scan# 1764
Delta R.T. -0.01 min
Lab File: BP004957.D
Acq: 09 Mar 2021 23:48

Instrument :
BNA_P
ClientSampleId :
MDL-ME-SOIL-07

Tot Ion	Ratio	Lower	Upper
65	100		
92	80.7	56.1	84.1
138	99.4	80.3	120.5

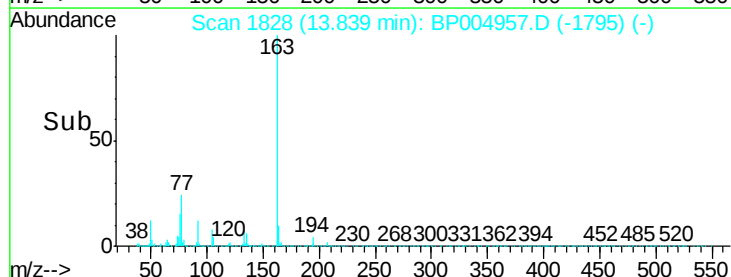
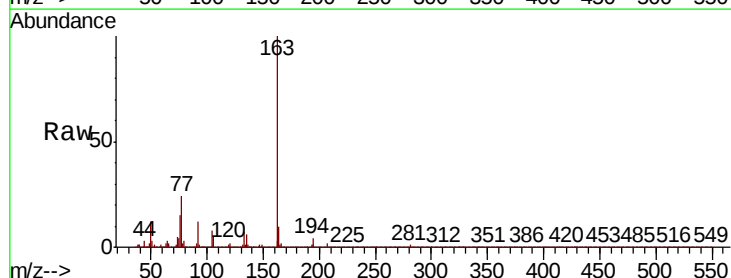
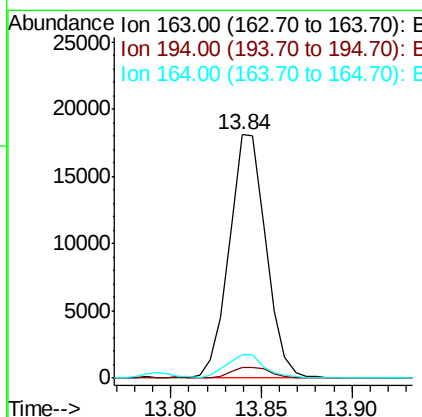
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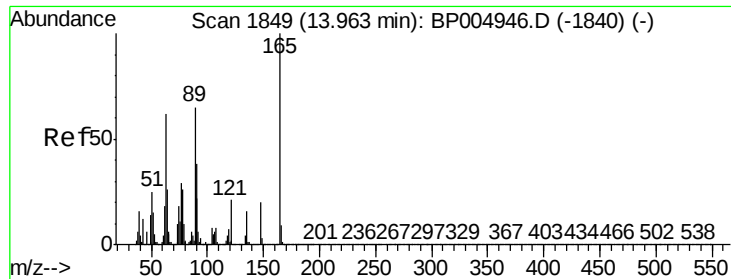
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#45
Dimethylphthalate
Concen: 3.904 ng/ul
RT: 13.84 min Scan# 1828
Delta R.T. -0.01 min
Lab File: BP004957.D
Acq: 09 Mar 2021 23:48

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.8	5.6
164	9.8	7.8	11.6





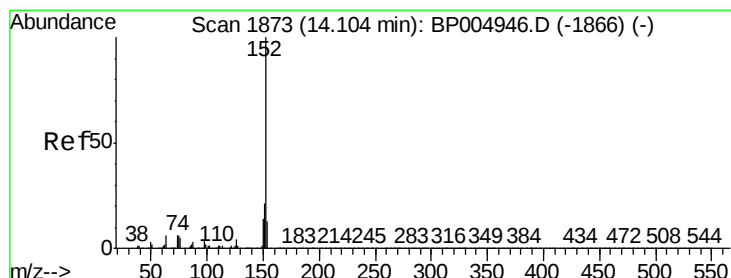
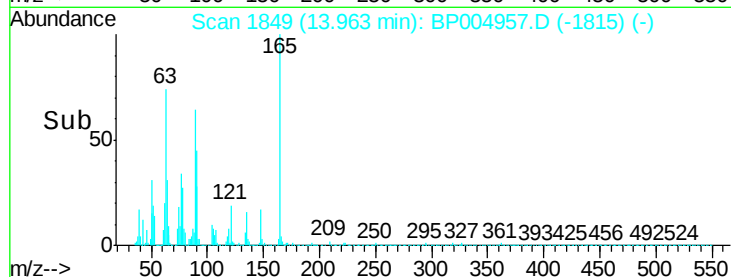
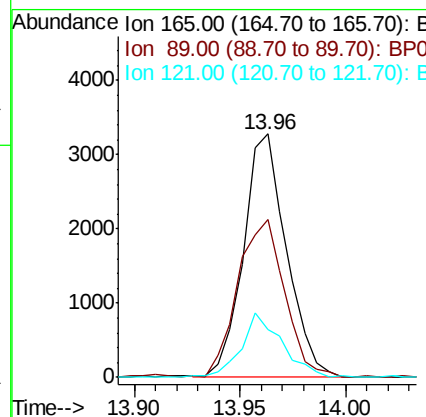
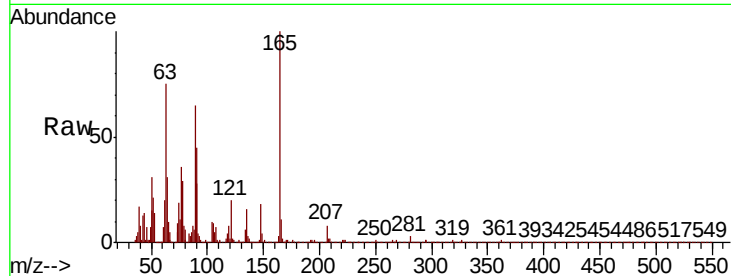
#46
2,6-Dinitrotoluene
Concen: 3.537 ng/ul
RT: 13.96 min Scan# 1849
Delta R.T. 0.00 min
Lab File: BP004957.D
Acq: 09 Mar 2021 23:48

Instrument :
BNA_P
ClientSampleId :
MDL-ME-SOIL-07

Tot Ion	Ratio	Lower	Upper
165	100		
89	64.9	56.0	84.0
121	19.6	18.7	28.1

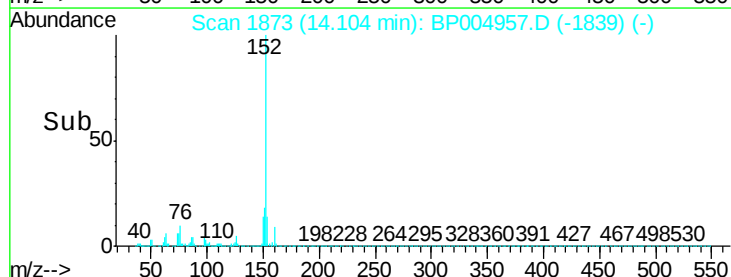
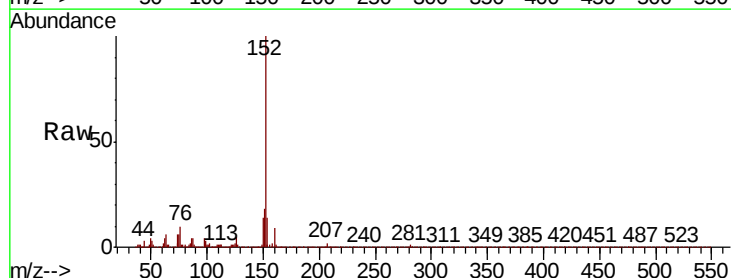
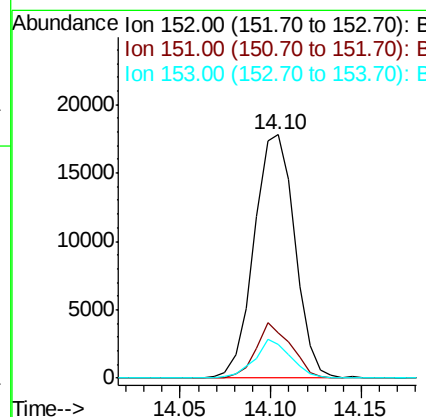
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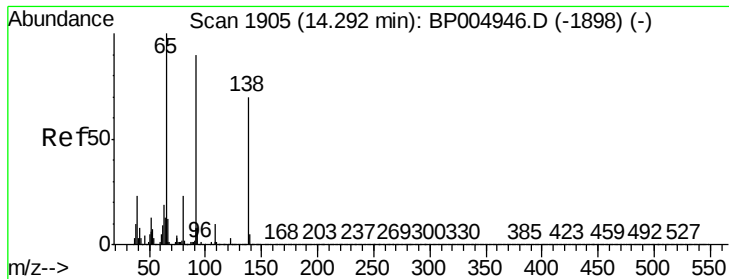
mohammad
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#48
Acenaphthylene
Concen: 3.772 ng/ul
RT: 14.10 min Scan# 1873
Delta R.T. 0.00 min
Lab File: BP004957.D
Acq: 09 Mar 2021 23:48

Tgt Ion	Ratio	Lower	Upper
152	100		
151	18.5	16.4	24.6
153	14.0	10.0	15.0





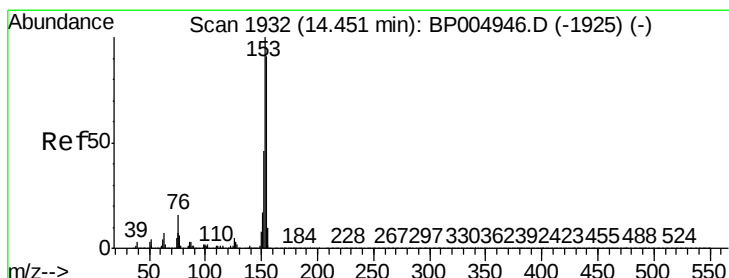
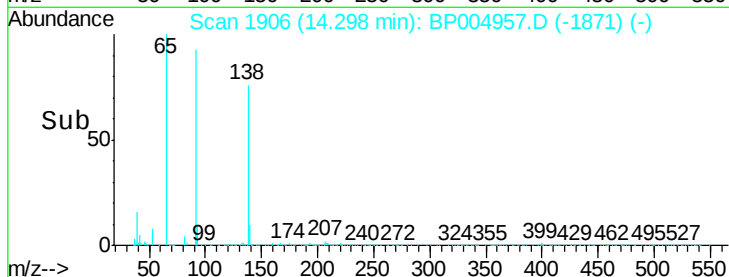
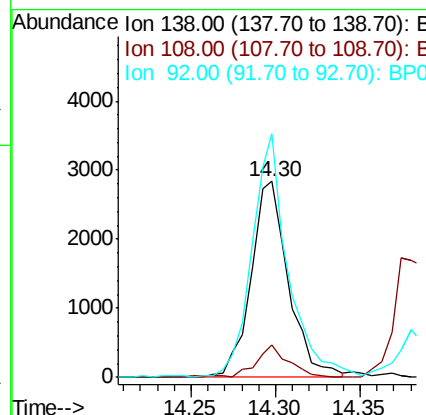
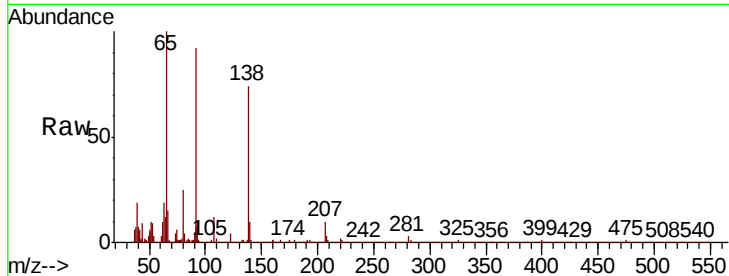
#49
3-Nitroaniline
Concen: 3.755 ng/ul
RT: 14.30 min Scan# 1906
Delta R.T. 0.01 min
Lab File: BP004957.D
Acq: 09 Mar 2021 23:48

Instrument :
BNA_P
ClientSampleId :
MDL-ME-SOIL-07

Tot Ion	Ratio	Lower	Upper
138	100		
108	16.3	9.4	14.2#
92	124.2	99.8	149.8

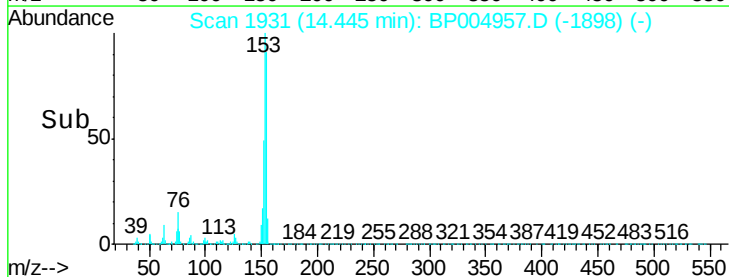
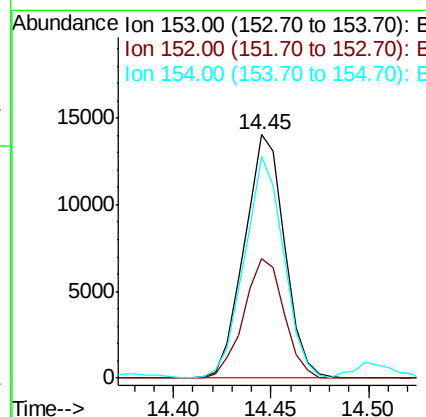
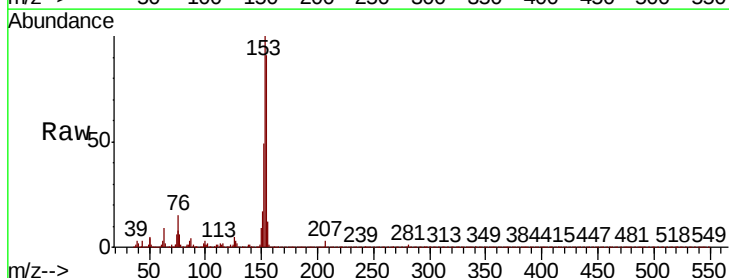
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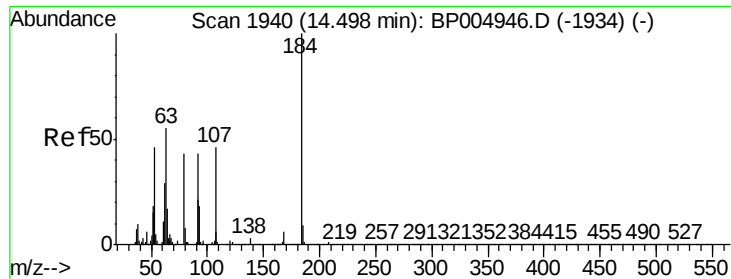
mohammad
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#50
Acenaphthene
Concen: 3.713 ng/ul
RT: 14.45 min Scan# 1931
Delta R.T. -0.01 min
Lab File: BP004957.D
Acq: 09 Mar 2021 23:48

Tgt Ion	Ratio	Lower	Upper
153	100		
152	49.1	38.8	58.2
154	91.2	71.8	107.6





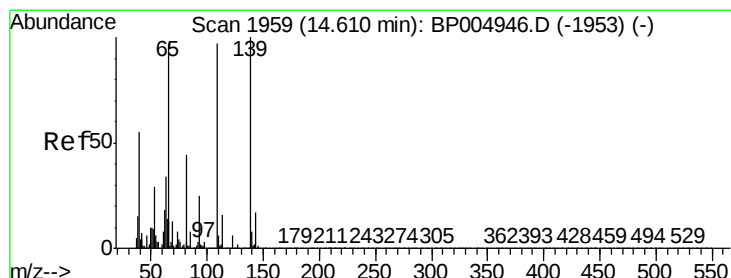
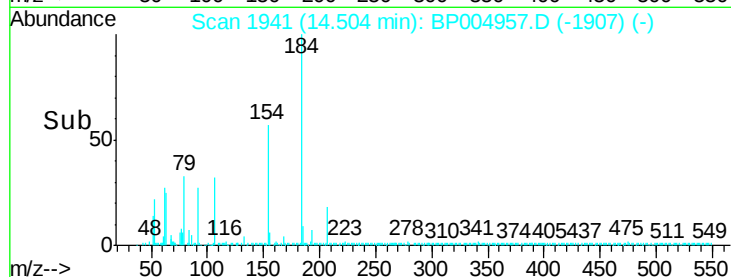
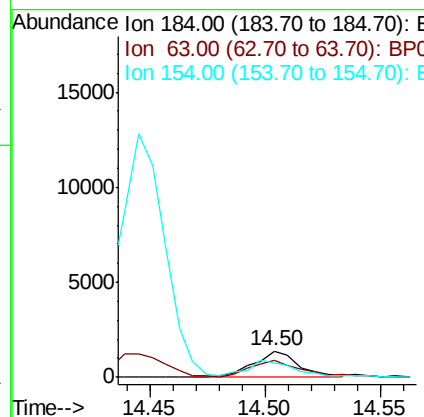
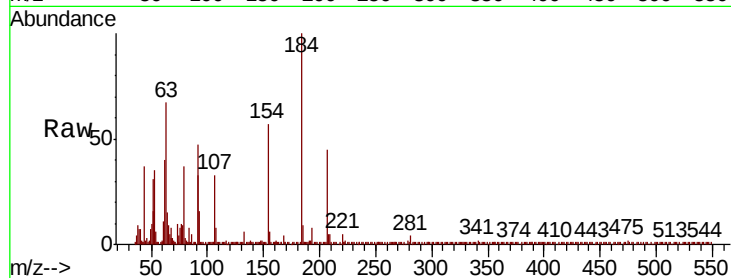
#51
2,4-Dinitrophenol
Concen: 2.197 ng/ul
RT: 14.50 min Scan# 1941
Delta R.T. 0.00 min
Lab File: BP004957.D
Acq: 09 Mar 2021 23:48

Instrument :
BNA_P
ClientSampleId :
MDL-ME-SOIL-07

Tot Ion	Ratio	Lower	Upper
184	100		
63	66.5	51.4	77.0
154	57.1	43.4	65.2

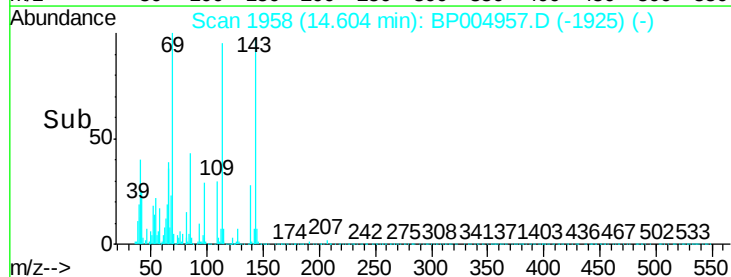
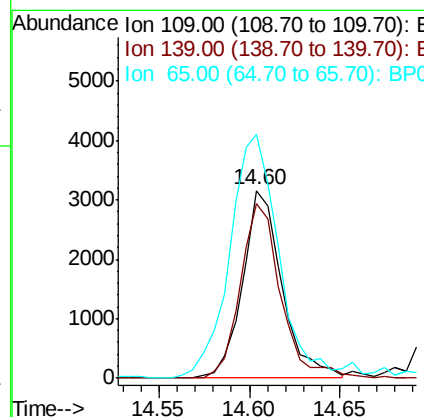
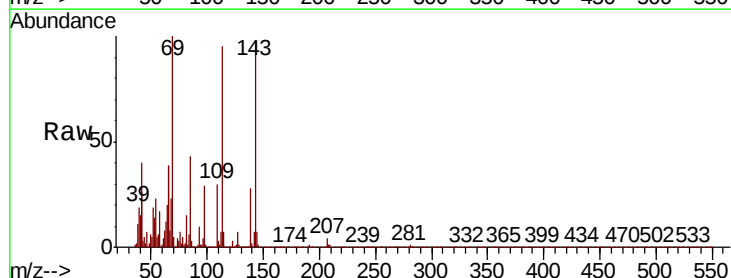
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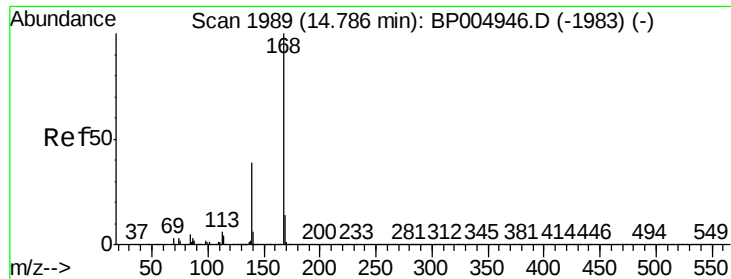
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#53
4-Nitrophenol
Concen: 3.884 ng/ul
RT: 14.60 min Scan# 1958
Delta R.T. -0.01 min
Lab File: BP004957.D
Acq: 09 Mar 2021 23:48

Tgt Ion	Ratio	Lower	Upper
109	100		
139	93.0	69.7	104.5
65	129.7	79.2	118.8#





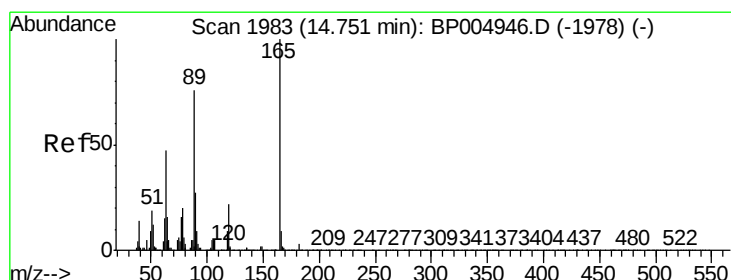
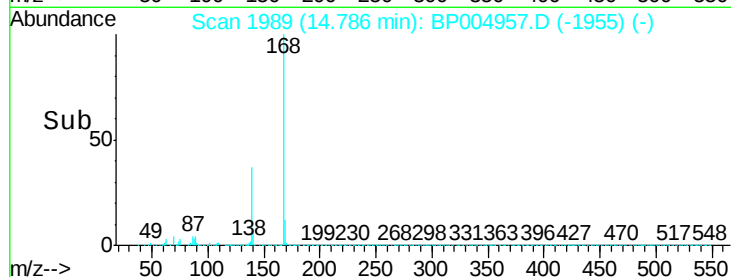
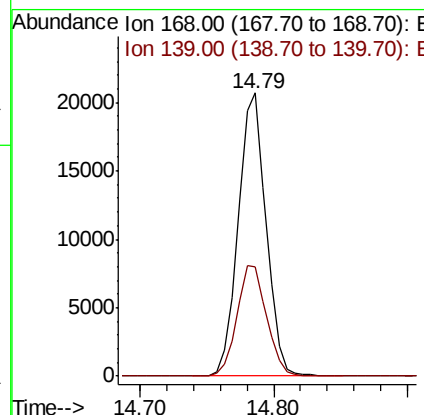
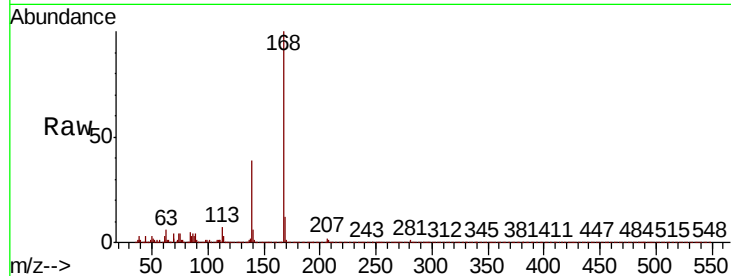
#54
Dibenzofuran
Concen: 3.801 ng/ul
RT: 14.79 min Scan# 1989
Delta R.T. 0.00 min
Lab File: BP004957.D
Acq: 09 Mar 2021 23:48

Instrument :
BNA_P
ClientSampleId :
MDL-ME-SOIL-07

Tot Ion:168 Resp: 29978
Ion Ratio Lower Upper
168 100
139 38.8 31.6 47.4

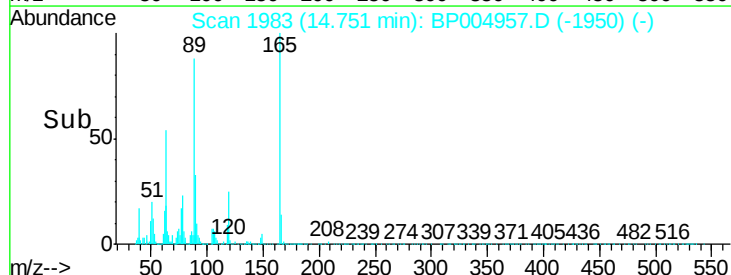
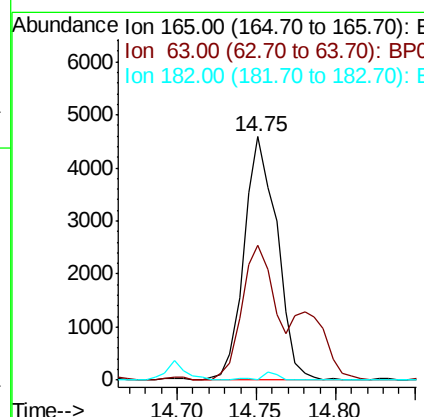
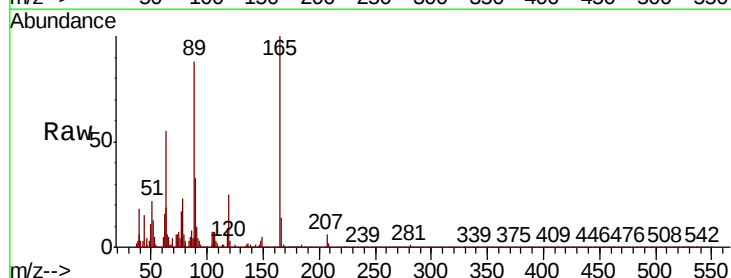
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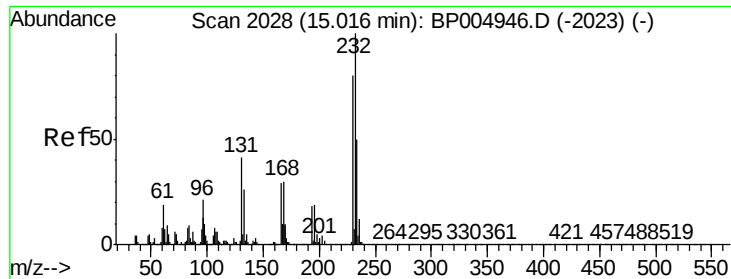
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#55
2,4-Dinitrotoluene
Concen: 3.487 ng/ul
RT: 14.75 min Scan# 1983
Delta R.T. -0.01 min
Lab File: BP004957.D
Acq: 09 Mar 2021 23:48

Tgt Ion:165 Resp: 6627
Ion Ratio Lower Upper
165 100
63 55.5 38.4 57.6
182 0.3 2.2 3.2#





#56

2,3,4,6-Tetrachlorophenol

Concen: 3.243 ng/ul

RT: 15.01 min Scan# 2027

Delta R.T. -0.01 min

Lab File: BP004957.D

Acq: 09 Mar 2021 23:48

Instrument :

BNA_P

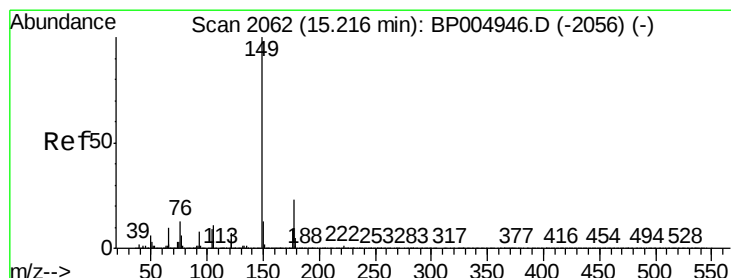
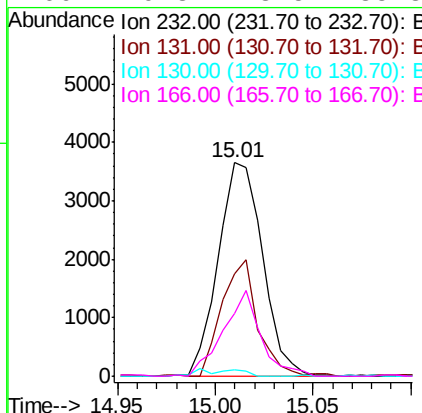
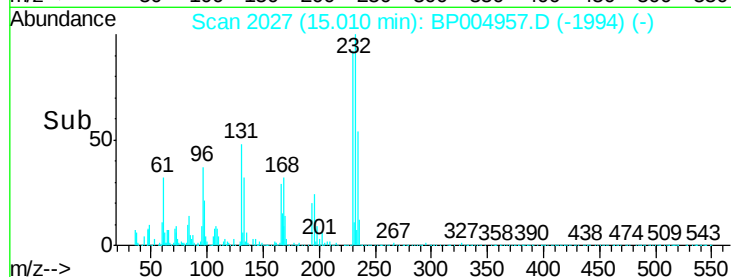
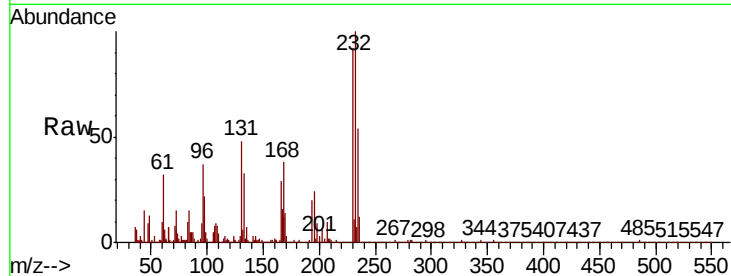
ClientSampleId :

MDL-ME-SOIL-07

Tot Ion:	232	Resp:	5759
Ion Ratio	Lower	Upper	
232	100		
131	48.2	32.6	48.8
130	2.8	3.1	4.7#
166	29.3	23.5	35.3

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#57

Diethylphthalate

Concen: 3.530 ng/ul

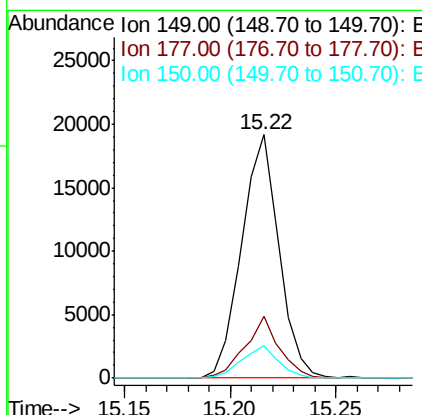
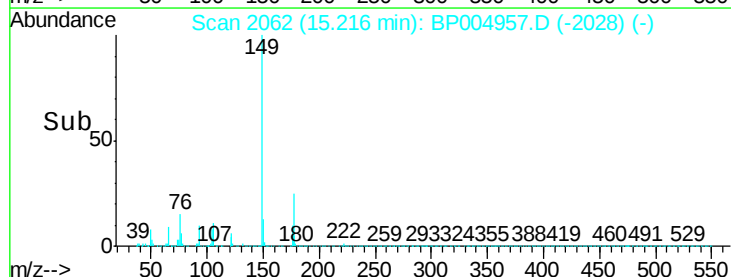
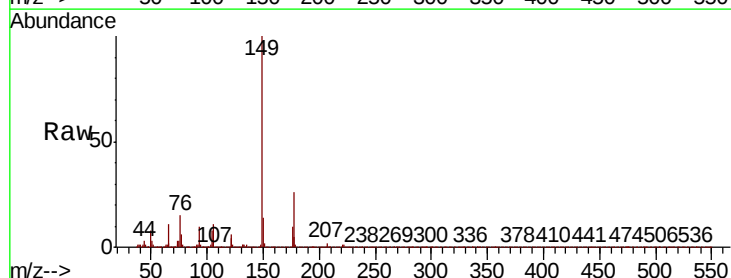
RT: 15.22 min Scan# 2062

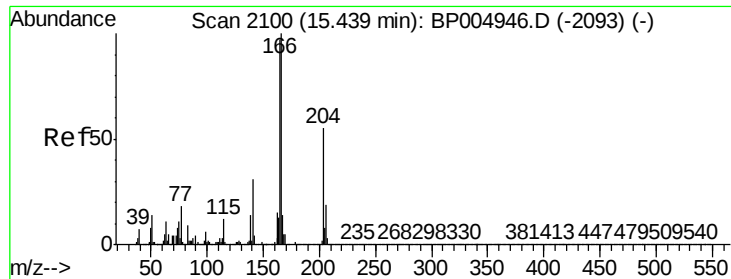
Delta R.T. 0.00 min

Lab File: BP004957.D

Acq: 09 Mar 2021 23:48

Tgt Ion:	149	Resp:	23598
Ion Ratio	Lower	Upper	
149	100		
177	25.5	17.3	25.9
150	13.5	9.8	14.8





#59

Fluorene

Concen: 3.796 ng/ul

RT: 15.43 min Scan# 2099

Delta R.T. -0.01 min

Lab File: BP004957.D

Acq: 09 Mar 2021 23:48

Instrument :

BNA_P

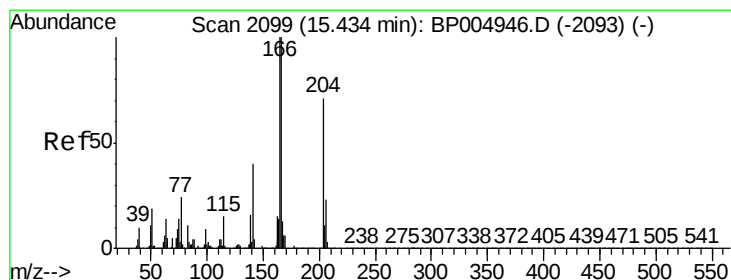
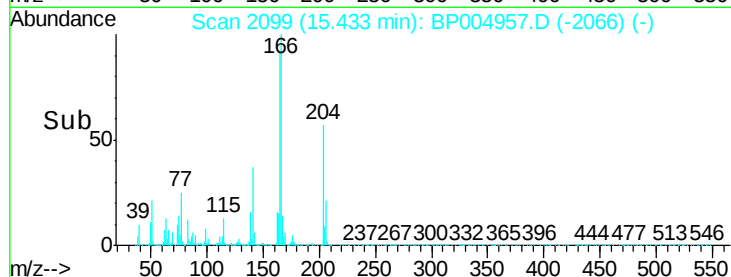
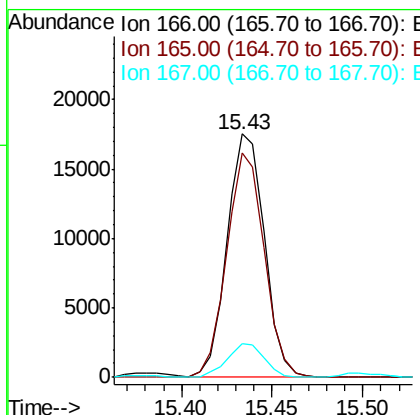
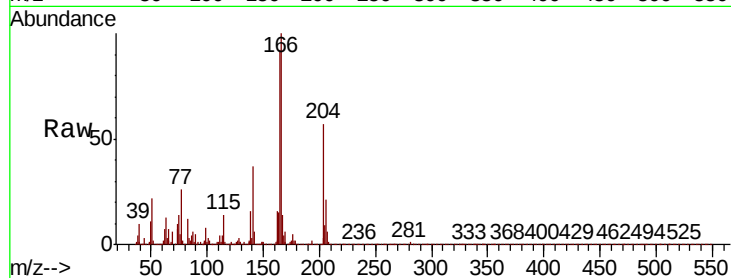
ClientSampleId :

MDL-ME-SOIL-07

Tot Ion:	166	Resp:	25011
Ion Ratio	Lower	Upper	
166	100		
165	92.0	76.4	114.6
167	13.9	11.4	17.0

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#60

4-Chlorophenyl-phenylether

Concen: 3.766 ng/ul

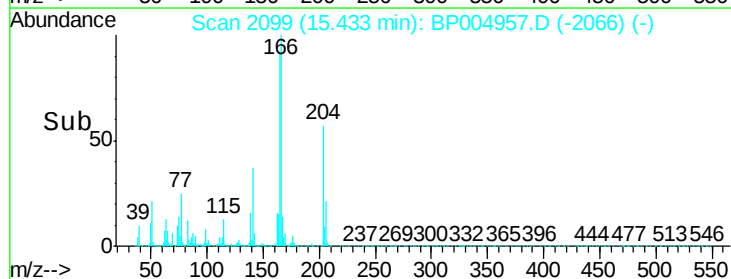
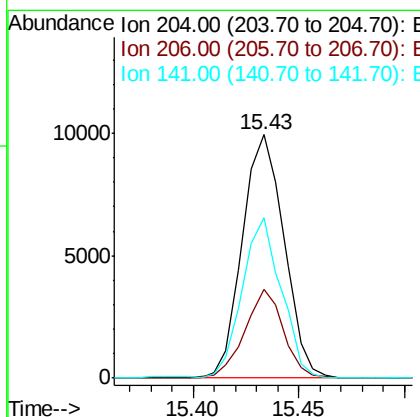
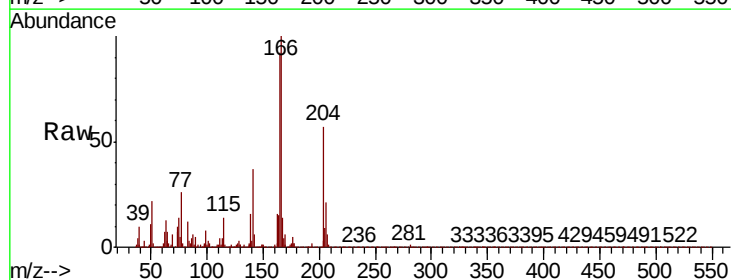
RT: 15.43 min Scan# 2099

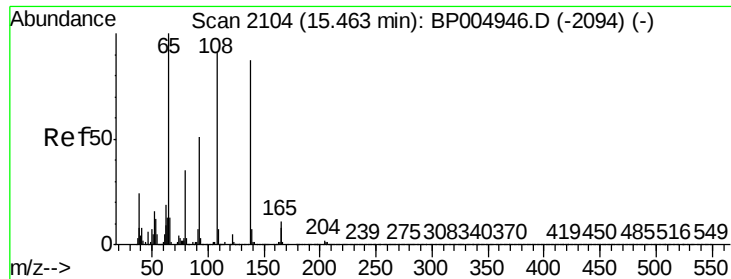
Delta R.T. -0.01 min

Lab File: BP004957.D

Acq: 09 Mar 2021 23:48

Tgt Ion:	204	Resp:	13641
Ion Ratio	Lower	Upper	
204	100		
206	36.7	24.6	37.0
141	65.6	46.8	70.2





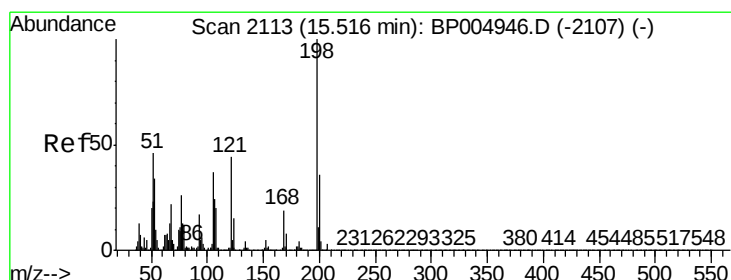
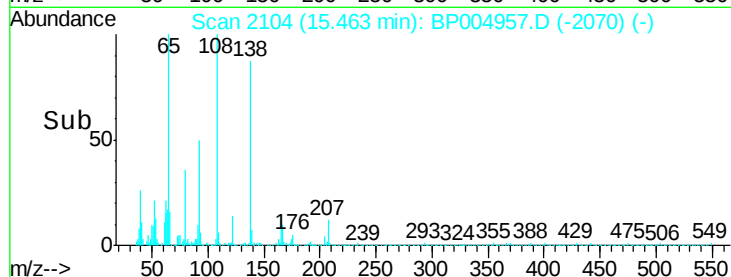
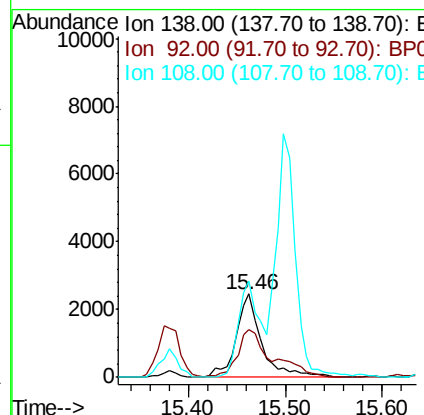
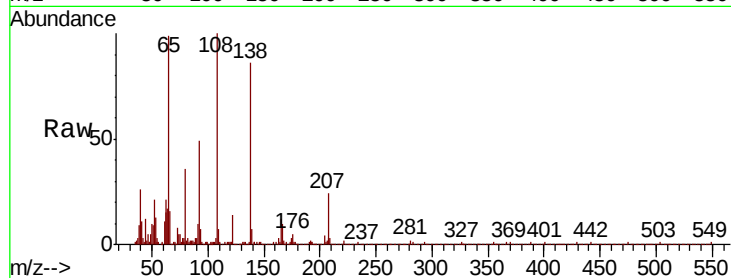
#61
4-Nitroaniline
Concen: 3.386 ng/ul m
RT: 15.46 min Scan# 2104
Delta R.T. 0.00 min
Lab File: BP004957.D
Acq: 09 Mar 2021 23:48

Instrument :
BNA_P
ClientSampleId :
MDL-ME-SOIL-07

Tot Ion	Ratio	Lower	Upper
138	100		
92	57.2	53.8	80.6
108	115.7	99.4	149.0

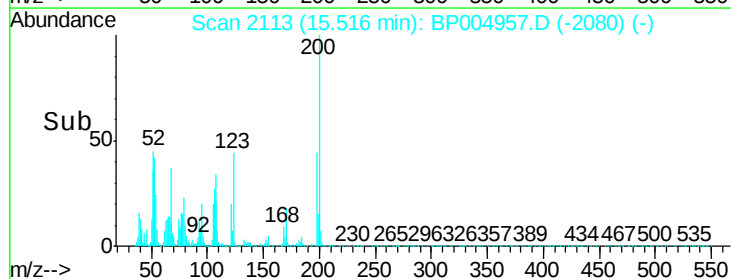
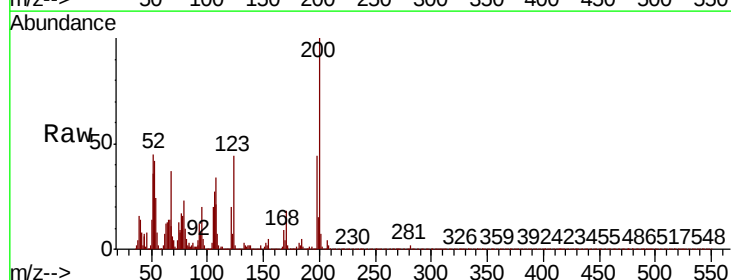
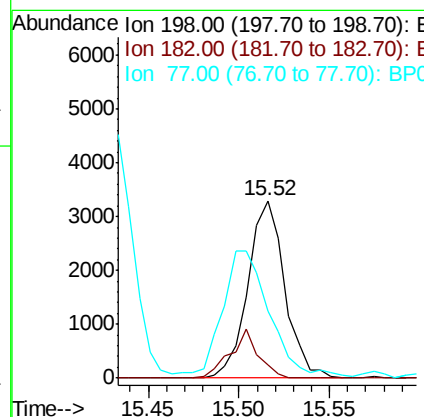
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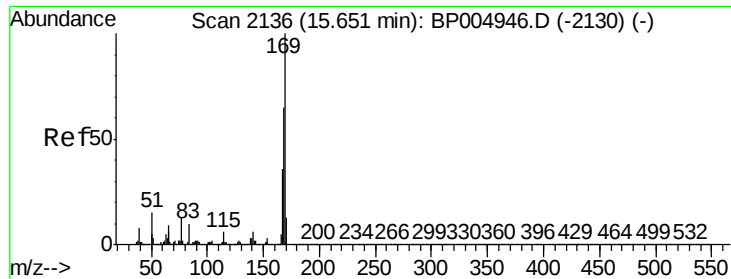
mohammad
3/10/2021 11:54:47 AM



#64
4,6-Dinitro-2-methylphenol
Concen: 3.586 ng/ul
RT: 15.52 min Scan# 2113
Delta R.T. -0.01 min
Lab File: BP004957.D
Acq: 09 Mar 2021 23:48

Tgt Ion	Ratio	Lower	Upper
198	100		
182	7.3	3.5	5.3#
77	37.5	23.3	34.9#





#65

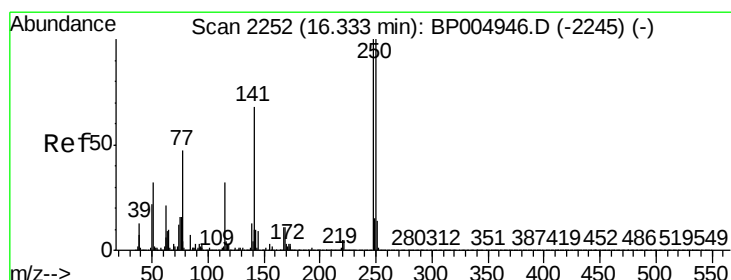
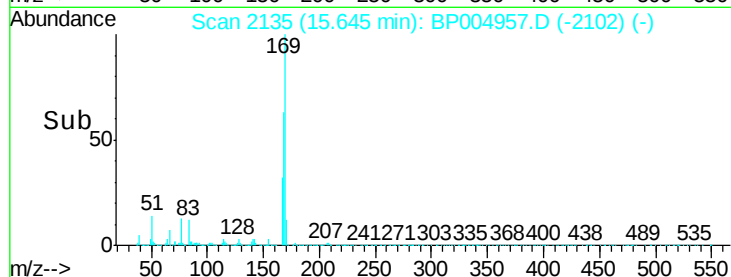
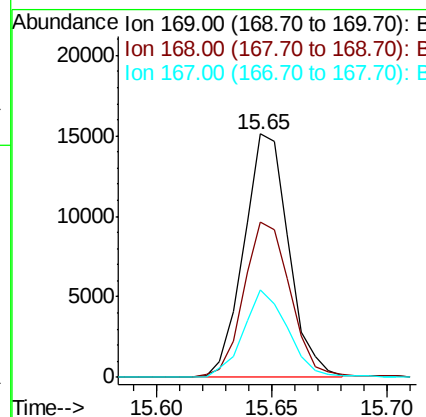
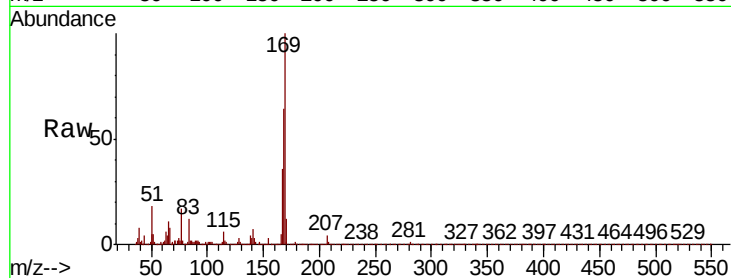
N-Nitrosodiphenylamine
Concen: 3.663 ng/ul
RT: 15.65 min Scan# 2135
Delta R.T. -0.01 min
Lab File: BP004957.D
Acq: 09 Mar 2021 23:48

Instrument :
BNA_P
ClientSampleId :
MDL-ME-SOIL-07

Tot Ion	Ratio	Lower	Upper
169	100		
168	63.8	51.9	77.9
167	36.2	28.0	42.0

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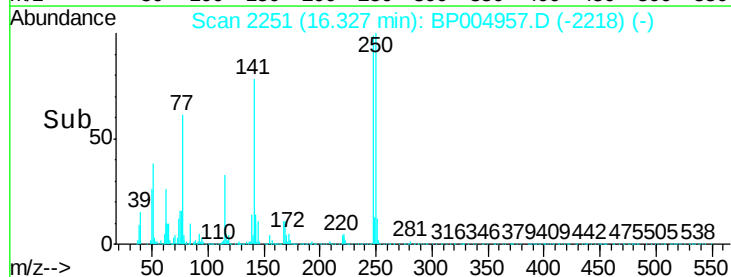
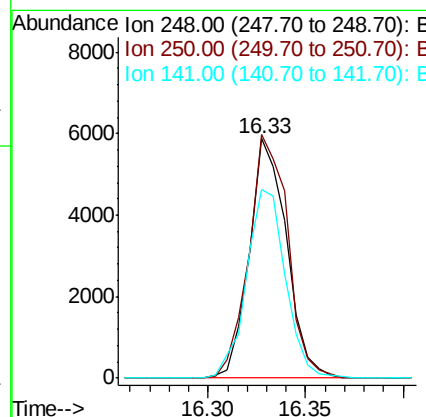
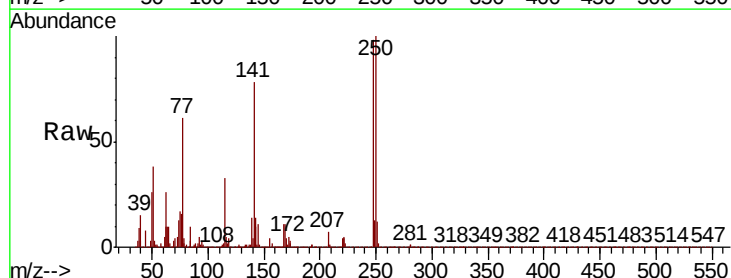
mohammad
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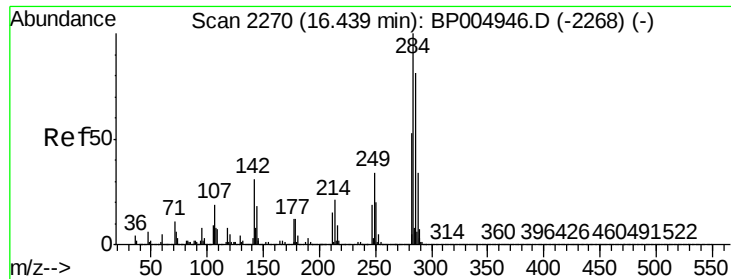


#66

4-Bromophenyl-phenylether
Concen: 3.541 ng/ul
RT: 16.33 min Scan# 2251
Delta R.T. -0.01 min
Lab File: BP004957.D
Acq: 09 Mar 2021 23:48

Tgt Ion	Ratio	Lower	Upper
248	100		
250	101.7	77.6	116.4
141	78.8	63.6	95.4





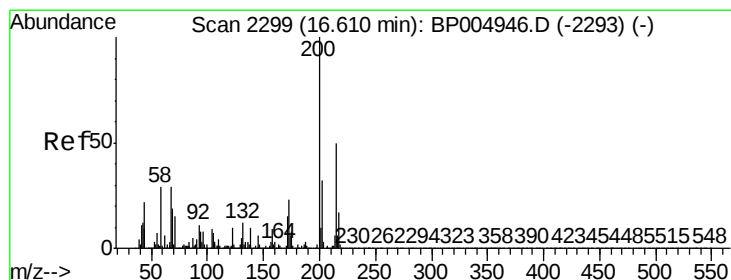
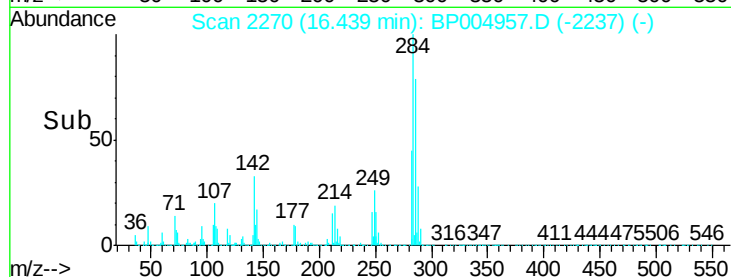
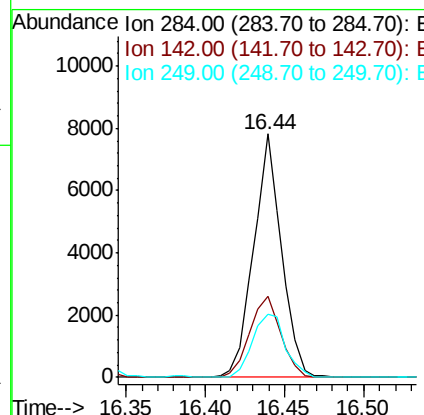
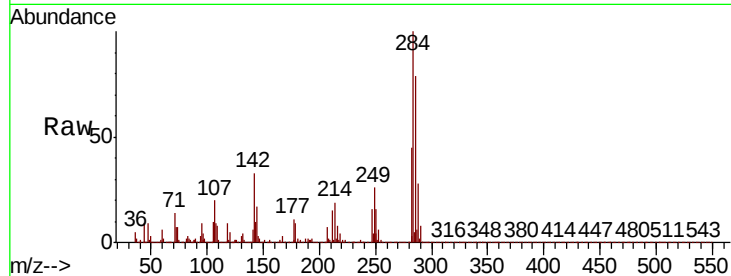
#67
Hexachlorobenzene
Concen: 3.853 ng/ul
RT: 16.44 min Scan# 2270
Delta R.T. -0.01 min
Lab File: BP004957.D
Acq: 09 Mar 2021 23:48

Instrument :
BNA_P
ClientSampleId :
MDL-ME-SOIL-07

Tot Ion	Ratio	Lower	Upper
284	100		
142	33.2	27.1	40.7
249	30.0	28.3	42.5

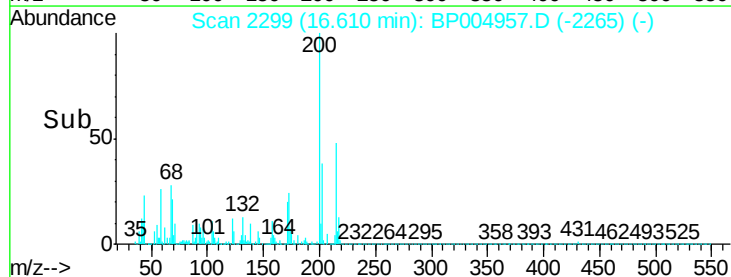
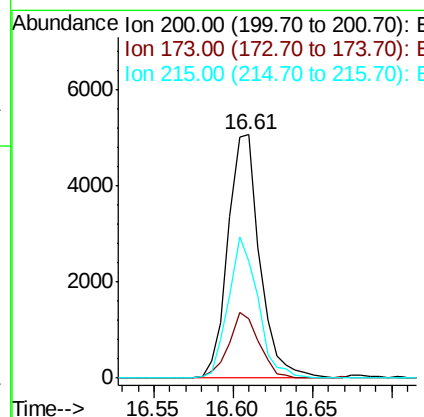
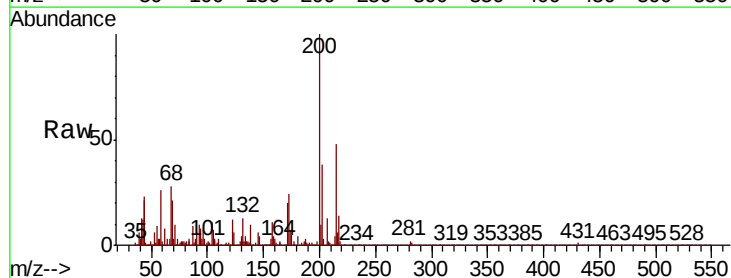
Manual Integrations
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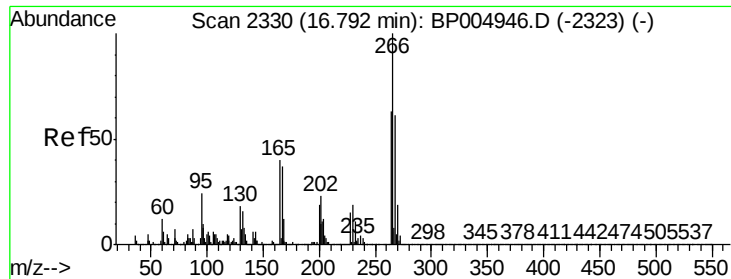
mohammad
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#68
Atrazine
Concen: 3.146 ng/ul
RT: 16.61 min Scan# 2299
Delta R.T. 0.00 min
Lab File: BP004957.D
Acq: 09 Mar 2021 23:48

Tgt Ion	Ratio	Lower	Upper
200	100		
173	24.5	20.7	31.1
215	48.2	38.8	58.2





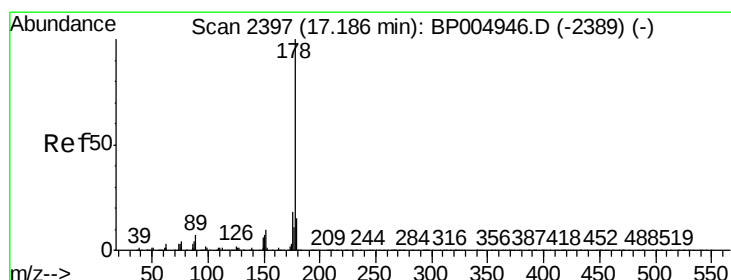
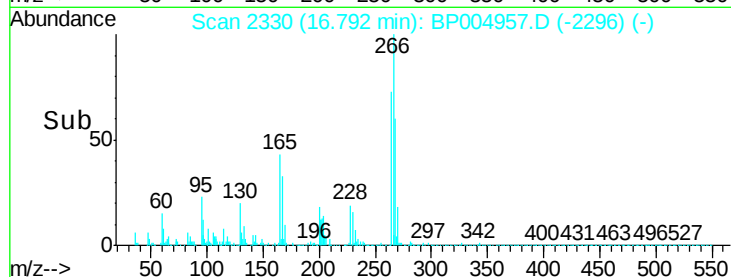
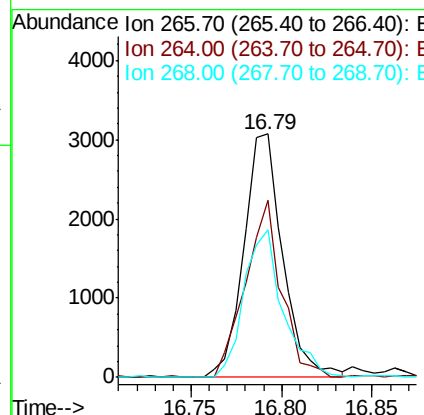
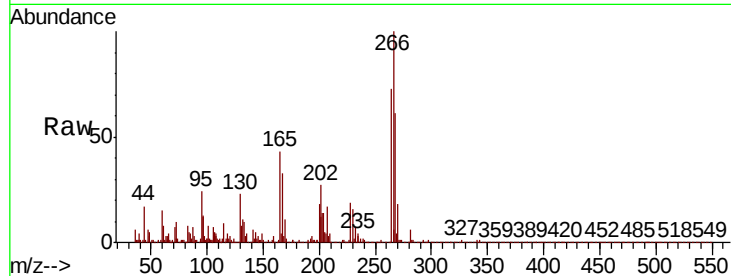
#69
Pentachlorophenol
Concen: 2.934 ng/ul
RT: 16.79 min Scan# 2330
Delta R.T. 0.00 min
Lab File: BP004957.D
Acq: 09 Mar 2021 23:48

Instrument :
BNA_P
ClientSampleId :
MDL-ME-SOIL-07

Tot Ion	Ratio	Lower	Upper
266	100		
264	72.8	55.8	83.6
268	60.8	52.1	78.1

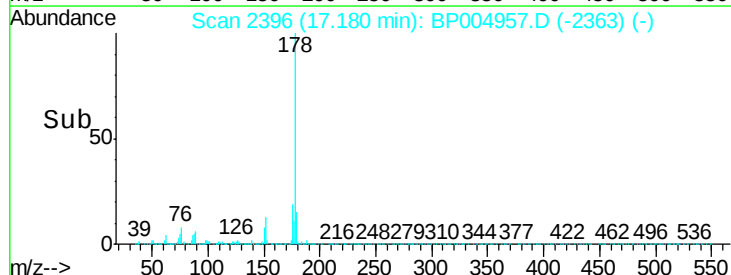
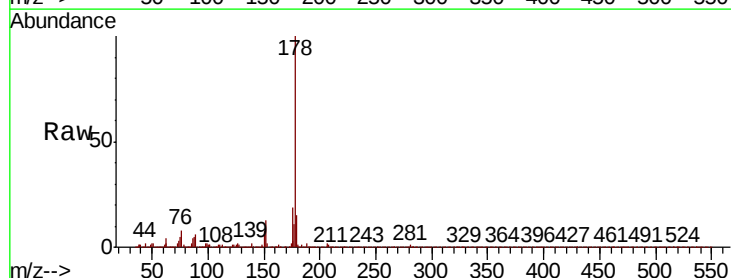
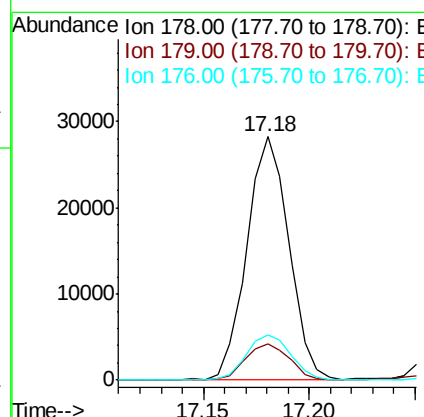
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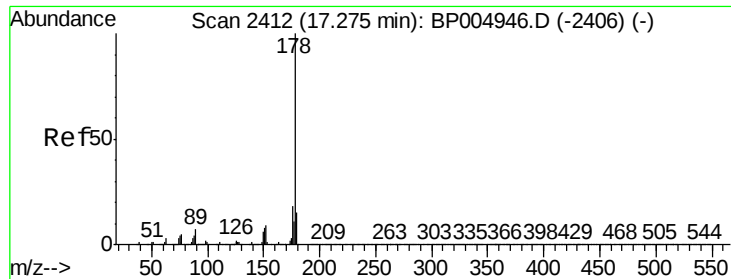
mohammad
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#70
Phenanthrene
Concen: 3.684 ng/ul
RT: 17.18 min Scan# 2396
Delta R.T. -0.01 min
Lab File: BP004957.D
Acq: 09 Mar 2021 23:48

Tgt Ion	Ratio	Lower	Upper
178	100		
179	14.9	11.4	17.0
176	18.8	15.0	22.6





#72

Anthracene

Concen: 3.774 ng/ul

RT: 17.27 min Scan# 2412

Delta R.T. 0.00 min

Lab File: BP004957.D

Acq: 09 Mar 2021 23:48

Instrument :

BNA_P

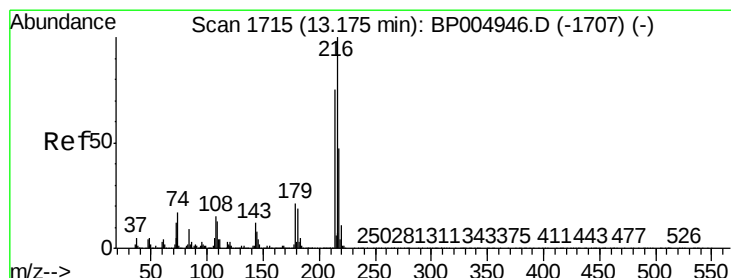
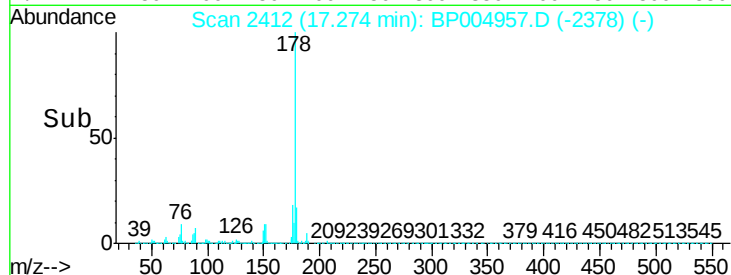
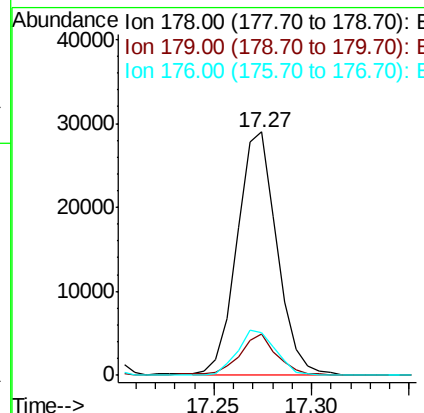
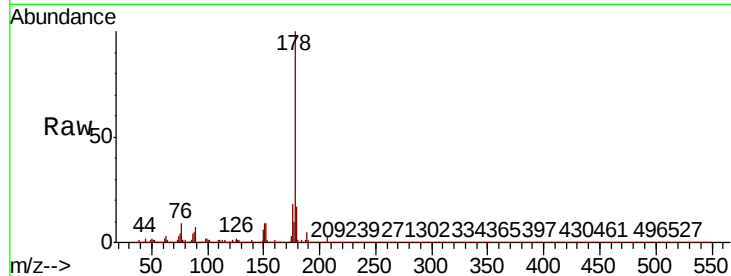
ClientSampleId :

MDL-ME-SOIL-07

Tot Ion:	178	Resp:	41030
Ion Ratio	Lower	Upper	
178	100		
179	17.0	12.4	18.6
176	17.7	14.7	22.1

Manual Integrations
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#73

1,2,3,4-Tetrachlorobenzene

Concen: 4.038 ng/uL

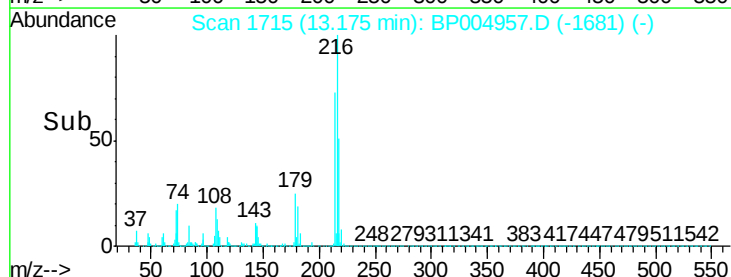
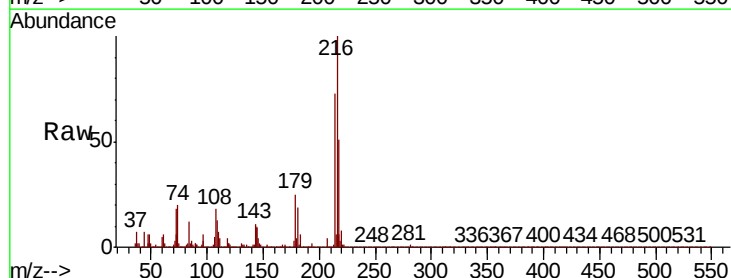
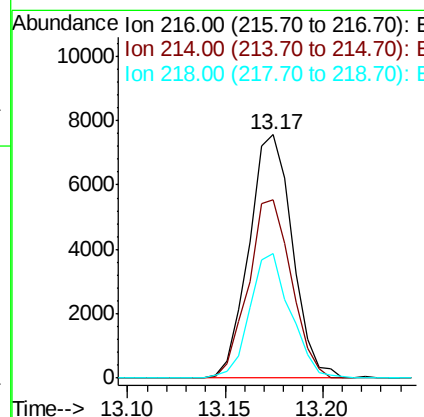
RT: 13.17 min Scan# 1715

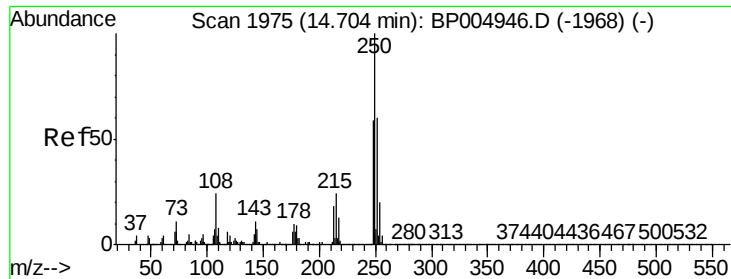
Delta R.T. 0.00 min

Lab File: BP004957.D

Acq: 09 Mar 2021 23:48

Tgt Ion:	216	Resp:	11662
Ion Ratio	Lower	Upper	
216	100		
214	73.4	62.4	93.6
218	51.0	39.6	59.4





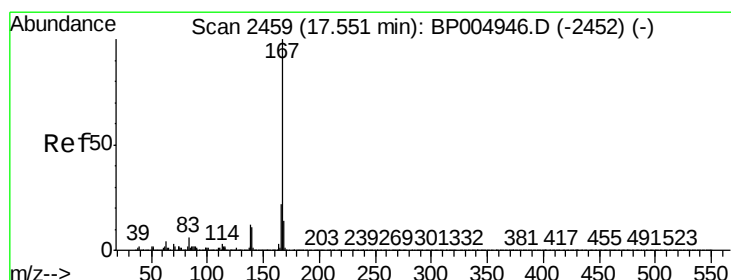
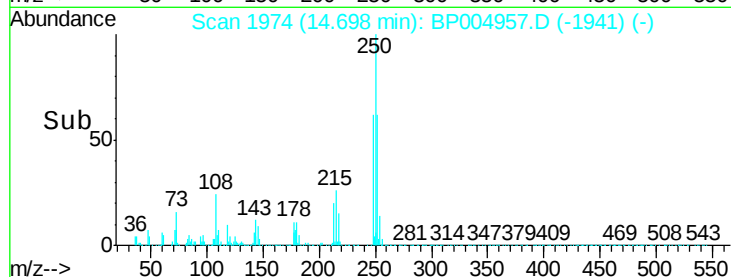
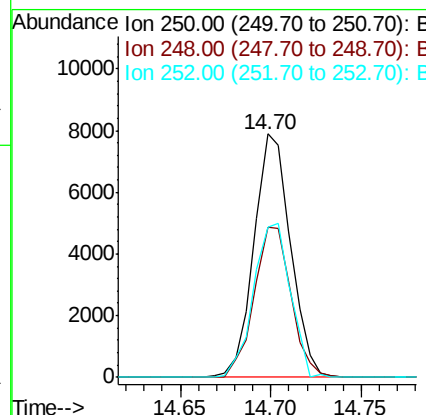
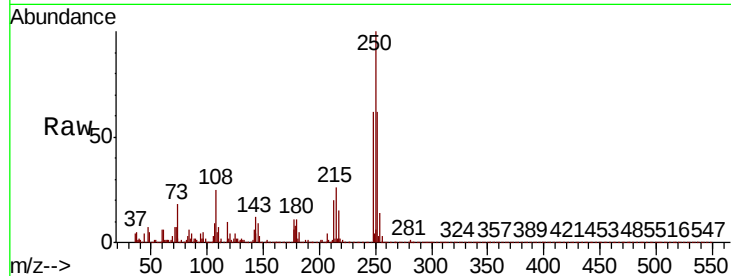
#74
Pentachlorobenzene
Concen: 3.776 ng/uL
RT: 14.70 min Scan# 1974
Delta R.T. -0.01 min
Lab File: BP004957.D
Acq: 09 Mar 2021 23:48

Instrument :
BNA_P
ClientSampleId :
MDL-ME-SOIL-07

Tot Ion	Ratio	Lower	Upper
250	100		
248	61.8	52.4	78.6
252	61.7	50.9	76.3

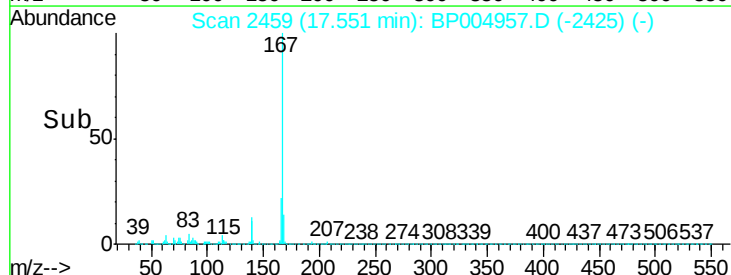
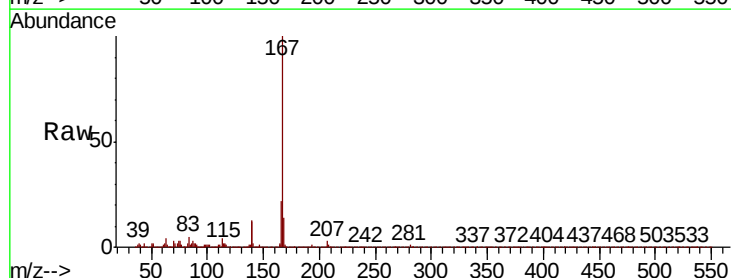
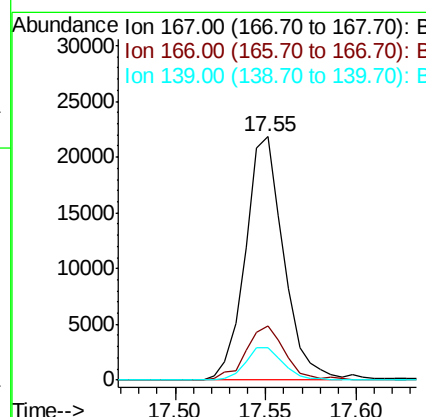
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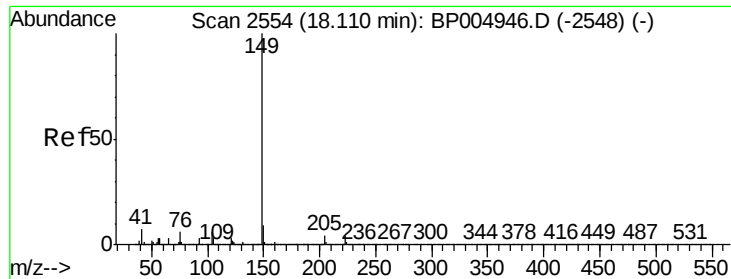
mohammad
3/10/2021 11:54:47 AM



#75
Carbazole
Concen: 3.419 ng/uL
RT: 17.55 min Scan# 2459
Delta R.T. 0.00 min
Lab File: BP004957.D
Acq: 09 Mar 2021 23:48

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.3	25.9
139	13.5	10.5	15.7





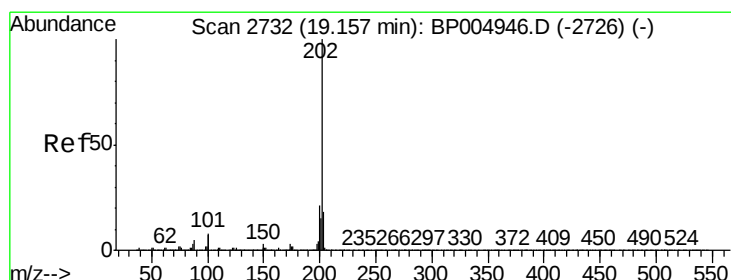
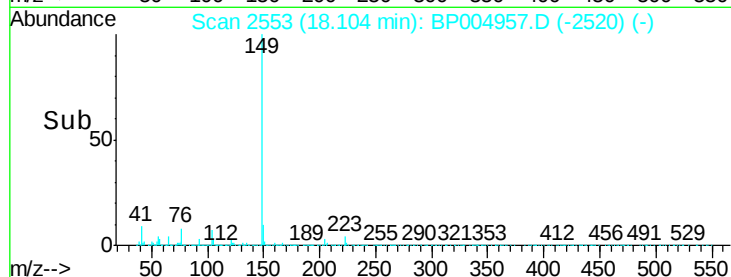
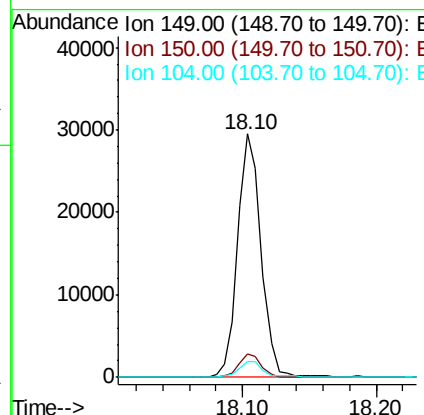
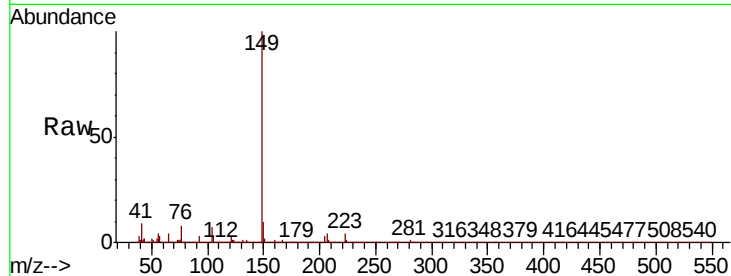
#76
Di-n-butylphthalate
Concen: 3.322 ng/ul
RT: 18.10 min Scan# 2553
Delta R.T. -0.01 min
Lab File: BP004957.D
Acq: 09 Mar 2021 23:48

Instrument :
BNA_P
ClientSampleId :
MDL-ME-SOIL-07

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.8	11.8
104	6.6	5.3	7.9

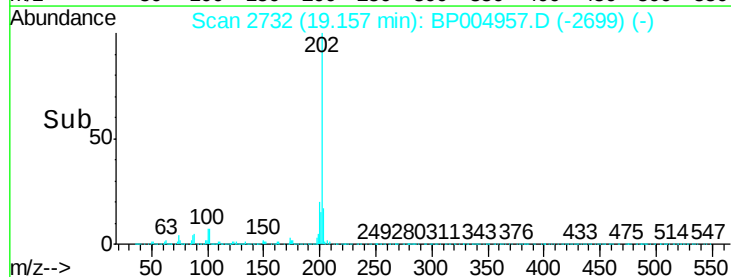
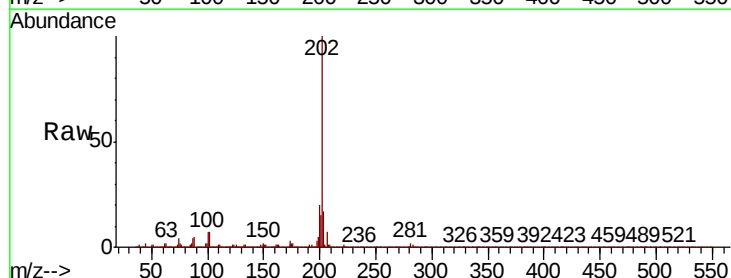
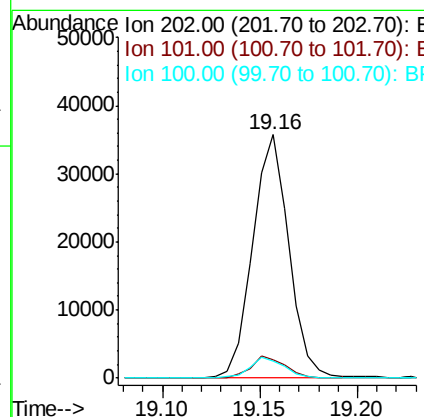
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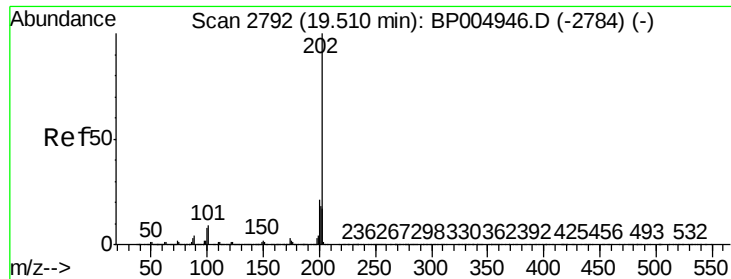
mohammad
3/10/2021 11:54:47 AM



#77
Fluoranthene
Concen: 3.529 ng/ul
RT: 19.16 min Scan# 2732
Delta R.T. -0.01 min
Lab File: BP004957.D
Acq: 09 Mar 2021 23:48

Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.4	7.0	10.6
100	6.9	5.7	8.5





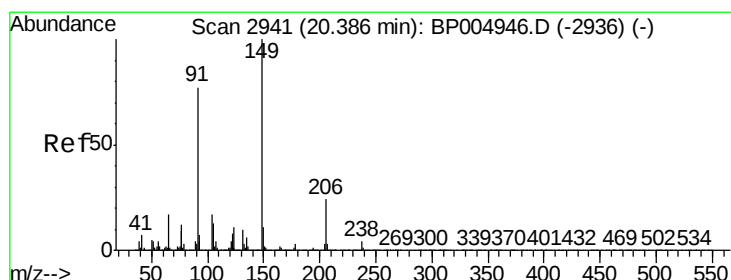
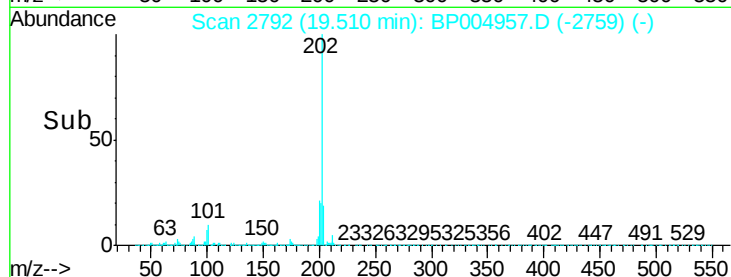
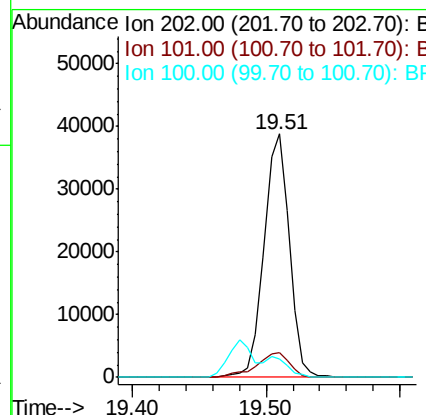
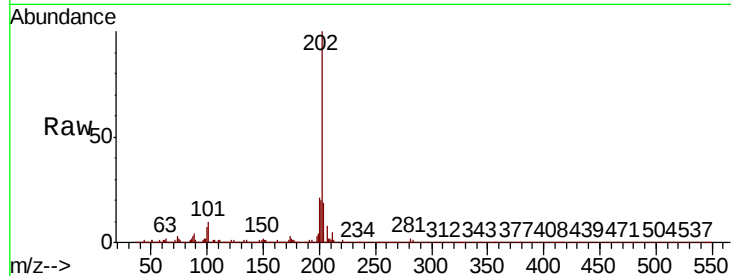
#80
Pvrene
Concen: 3.725 ng/ul
RT: 19.51 min Scan# 2792
Delta R.T. -0.01 min
Lab File: BP004957.D
Acq: 09 Mar 2021 23:48

Instrument :
BNA_P
ClientSampleId :
MDL-ME-SOIL-07

Tot Ion:	202	Resp:	50757
Ion Ratio	Lower	Upper	
202	100		
101	10.1	7.9	11.9
100	7.4	6.8	10.2

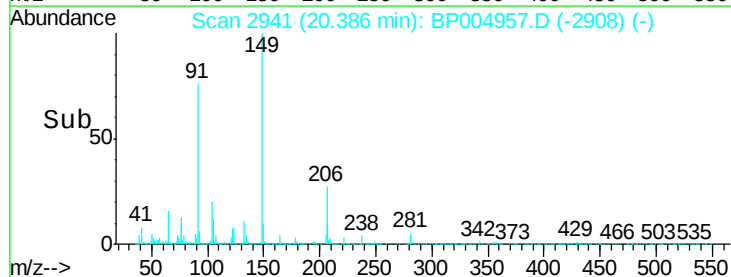
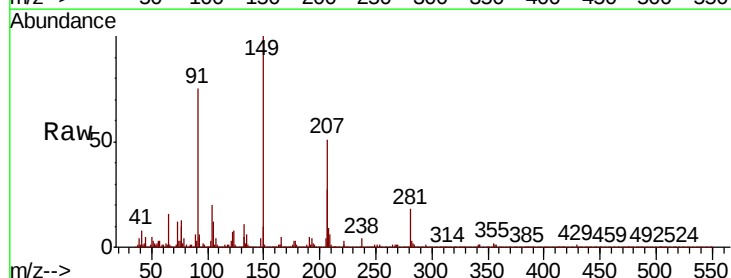
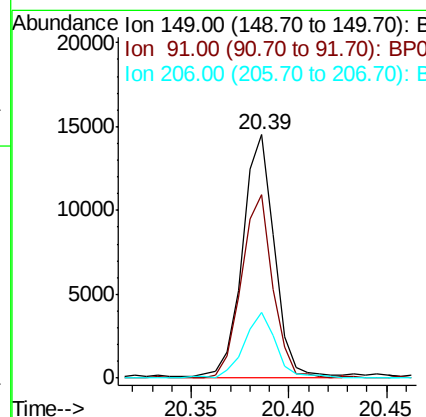
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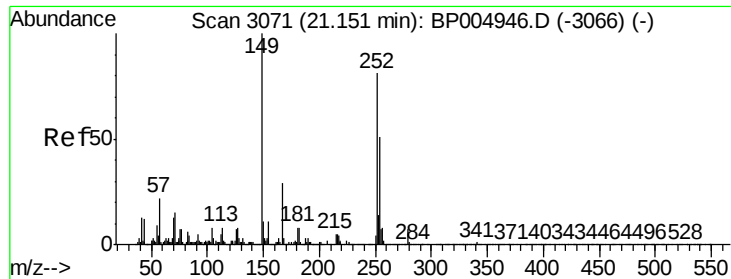
mohammad
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#81
Butylbenzylphthalate
Concen: 3.311 ng/ul
RT: 20.39 min Scan# 2941
Delta R.T. -0.01 min
Lab File: BP004957.D
Acq: 09 Mar 2021 23:48

Tgt Ion:	149	Resp:	16358
Ion Ratio	Lower	Upper	
149	100		
91	75.4	59.4	89.2
206	27.2	19.0	28.6





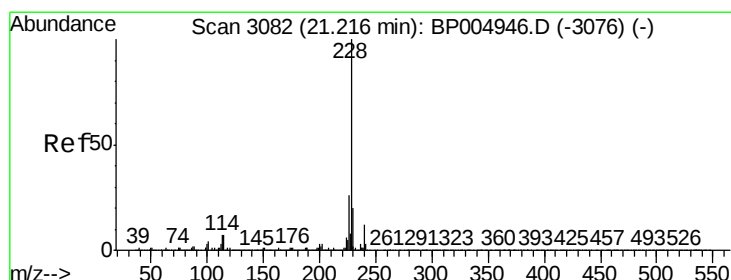
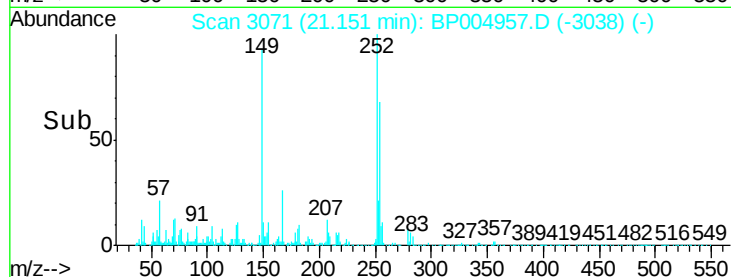
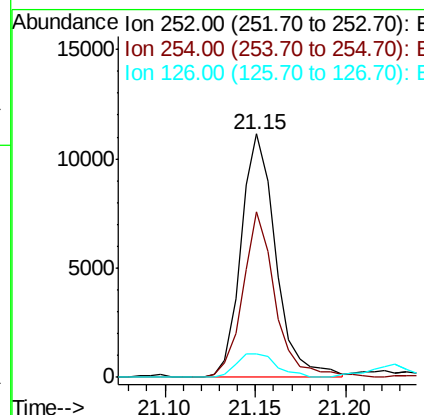
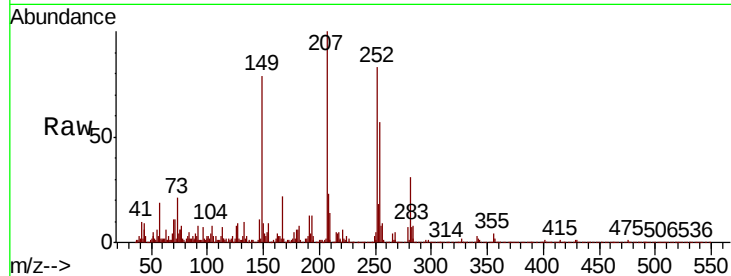
#82
 3,3'-Dichlorobenzidine
 Concen: 3.158 ng/ul
 RT: 21.15 min Scan# 3071
 Delta R.T. -0.01 min
 Lab File: BP004957.D
 Acq: 09 Mar 2021 23:48

Instrument :
 BNA_P
 ClientSampleId :
 MDL-ME-SOIL-07

Tot Ion	Ratio	Lower	Upper
252	100		
254	67.8	50.6	75.8
126	9.5	7.5	11.3

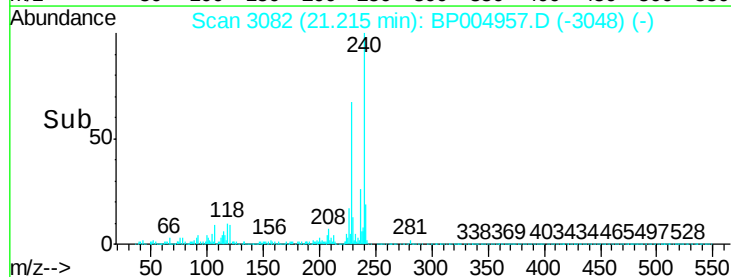
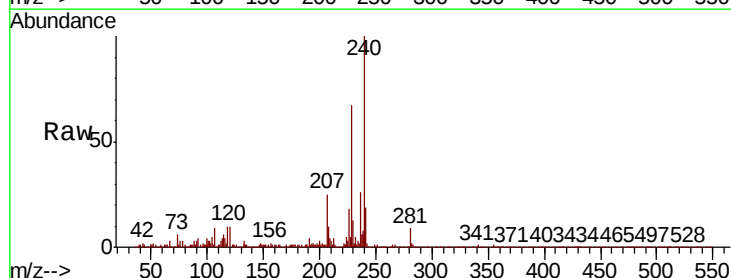
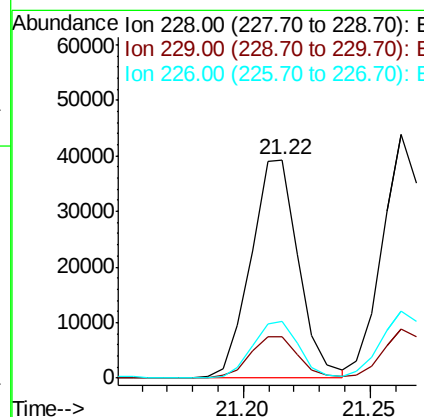
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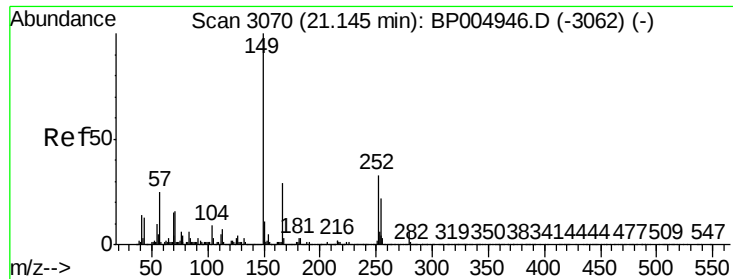
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#83
 Benzo(a)anthracene
 Concen: 3.750 ng/ul
 RT: 21.22 min Scan# 3082
 Delta R.T. 0.00 min
 Lab File: BP004957.D
 Acq: 09 Mar 2021 23:48

Tgt Ion	Ratio	Lower	Upper
228	100		
229	18.9	15.0	22.4
226	26.1	21.2	31.8





#84

Bis(2-ethylhexyl)phthalate

Concen: 3.199 ng/ul

RT: 21.14 min Scan# 3070

Delta R.T. 0.00 min

Lab File: BP004957.D

Acq: 09 Mar 2021 23:48

Instrument :

BNA_P

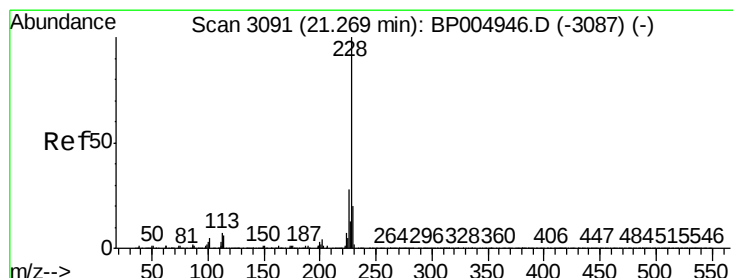
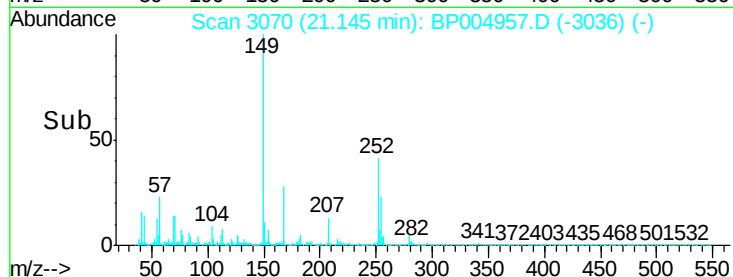
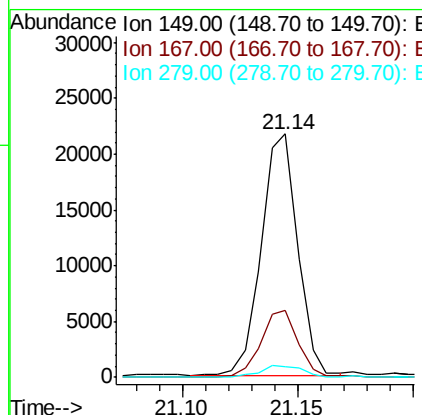
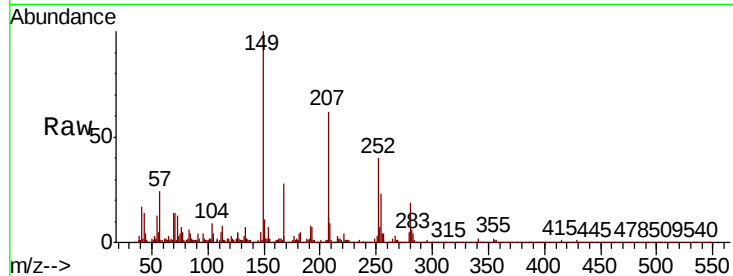
ClientSampleId :

MDL-ME-SOIL-07

Tot Ion:	149	Resp:	23727
Ion Ratio	Lower	Upper	
149	100		
167	27.6	22.6	34.0
279	4.6	3.8	5.8

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#85

Chrysene

Concen: 3.803 ng/ul

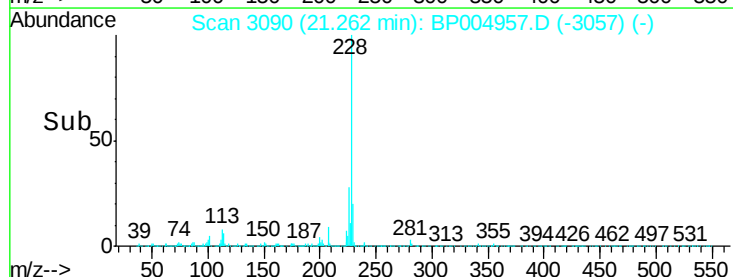
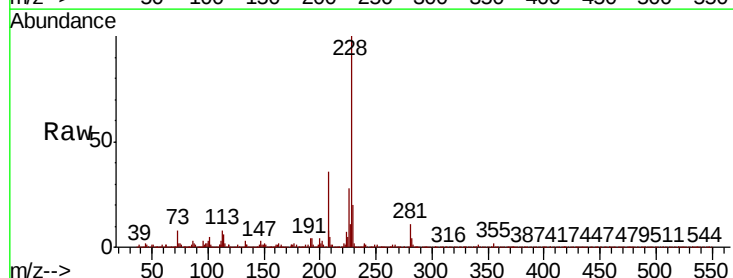
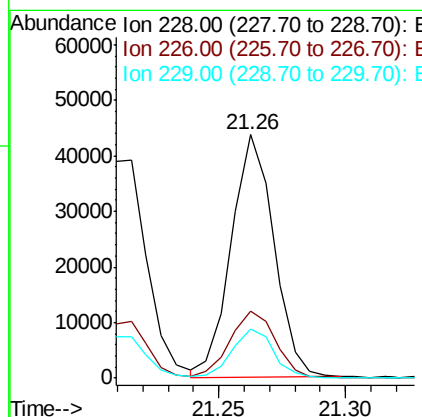
RT: 21.26 min Scan# 3090

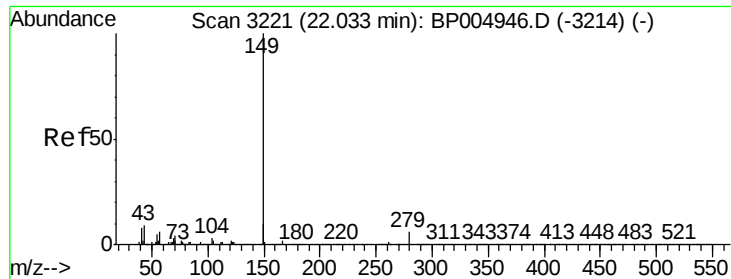
Delta R.T. -0.01 min

Lab File: BP004957.D

Acq: 09 Mar 2021 23:48

Tgt Ion:	228	Resp:	51384
Ion Ratio	Lower	Upper	
228	100		
226	27.7	22.9	34.3
229	20.4	15.4	23.2





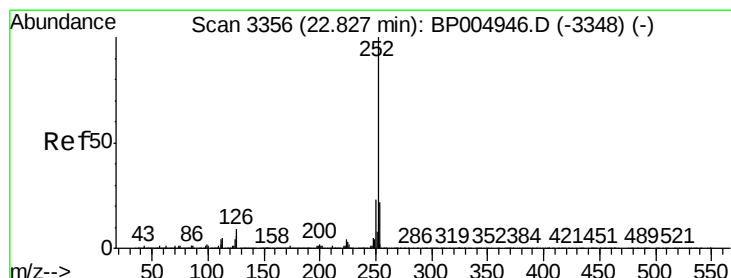
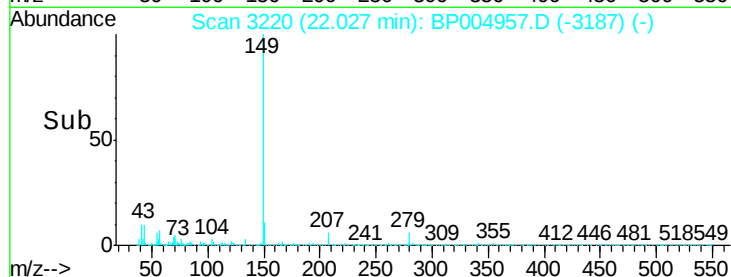
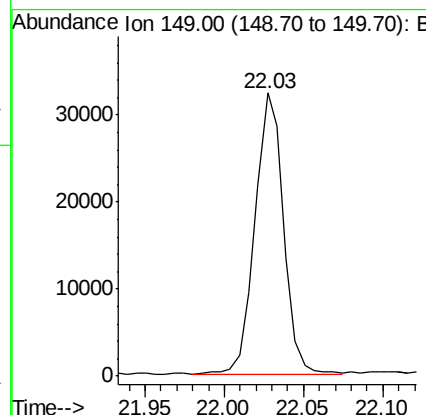
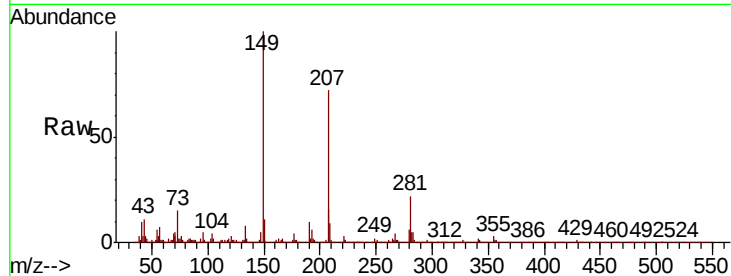
#87
Di-n-octyl phthalate
Concen: 2.953 ng/ul
RT: 22.03 min Scan# 3220
Delta R.T. -0.01 min
Lab File: BP004957.D
Acq: 09 Mar 2021 23:48

Instrument :
BNA_P
ClientSampleId :
MDL-ME-SOIL-07

Tgt Ion:149 Resp: 40073

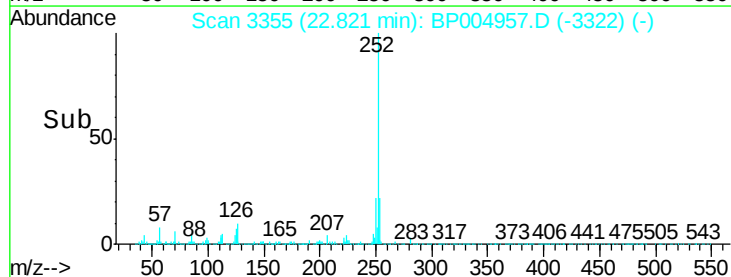
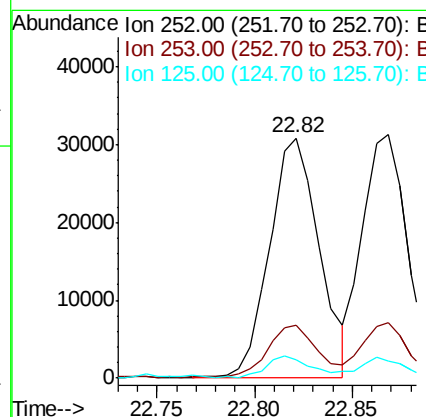
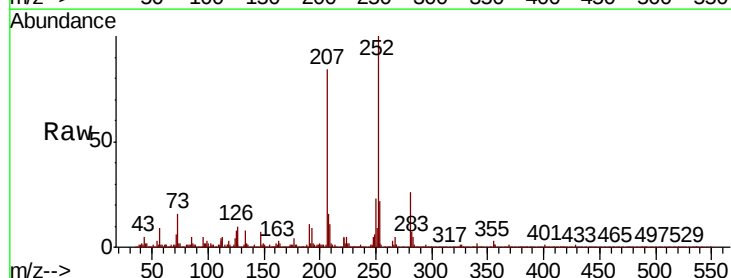
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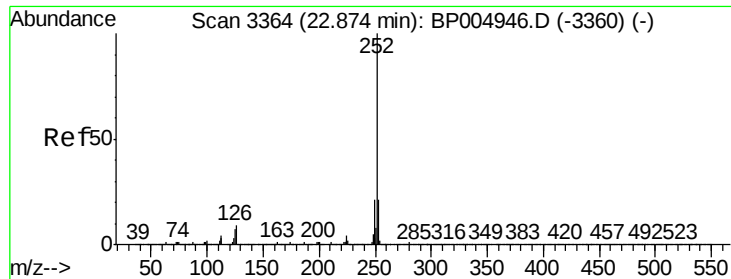
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#88
Benzo(b)fluoranthene
Concen: 3.752 ng/ul
RT: 22.82 min Scan# 3355
Delta R.T. -0.01 min
Lab File: BP004957.D
Acq: 09 Mar 2021 23:48

Tgt Ion:252 Resp: 54049
Ion Ratio Lower Upper
252 100
253 22.1 17.4 26.2
125 7.6 6.4 9.6





#89

Benzo(k)fluoranthene

Concen: 3.605 ng/ul

RT: 22.87 min Scan# 3363

Delta R.T. -0.01 min

Lab File: BP004957.D

Acq: 09 Mar 2021 23:48

Instrument :

BNA_P

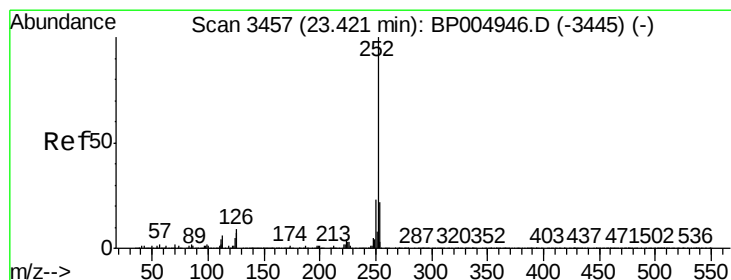
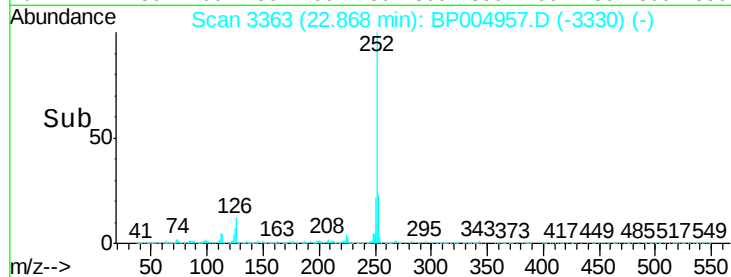
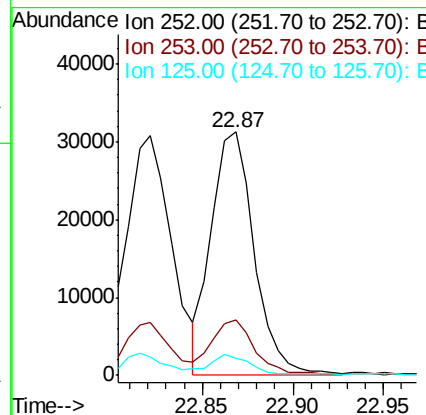
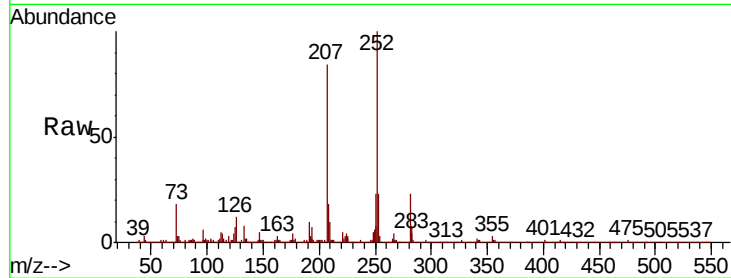
ClientSampleId :

MDL-ME-SOIL-07

Tot Ion:	252	Resp:	51224
Ion Ratio	Lower	Upper	
252	100		
253	22.9	17.8	26.8
125	7.1	6.3	9.5

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#91

Benzo(a)pyrene

Concen: 3.918 ng/ul

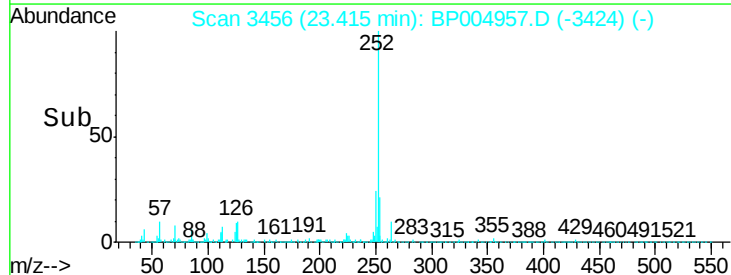
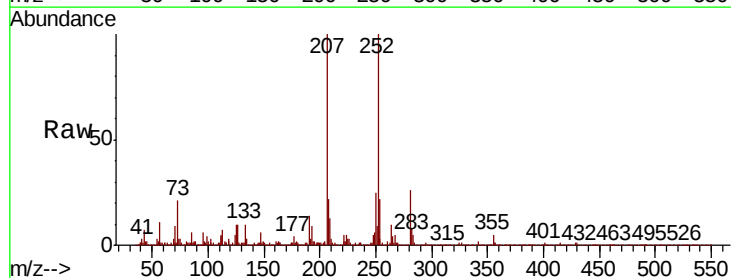
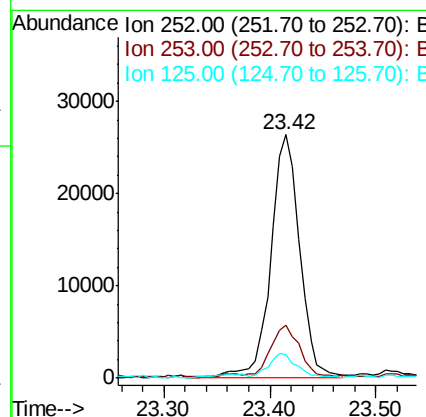
RT: 23.42 min Scan# 3456

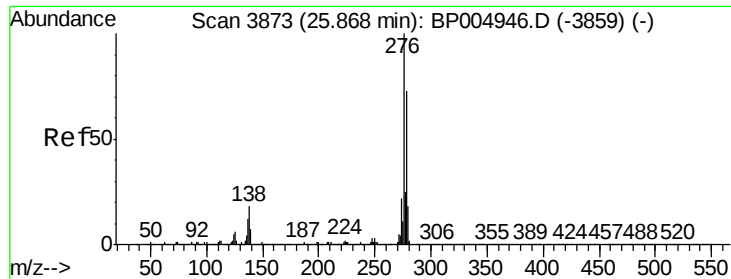
Delta R.T. -0.01 min

Lab File: BP004957.D

Acq: 09 Mar 2021 23:48

Tgt Ion:	252	Resp:	49550
Ion Ratio	Lower	Upper	
252	100		
253	21.5	17.6	26.4
125	9.7	7.0	10.4





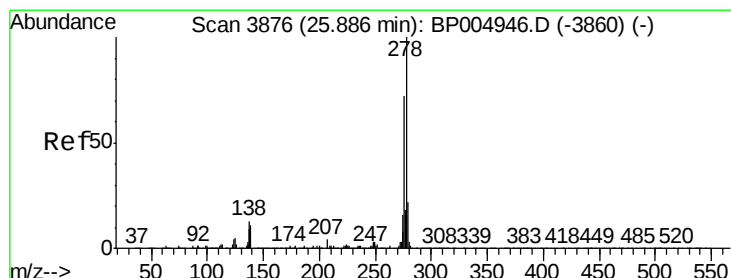
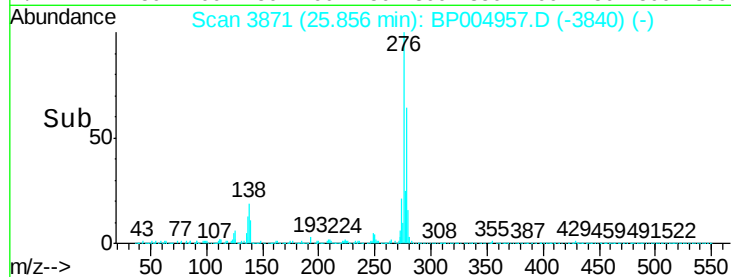
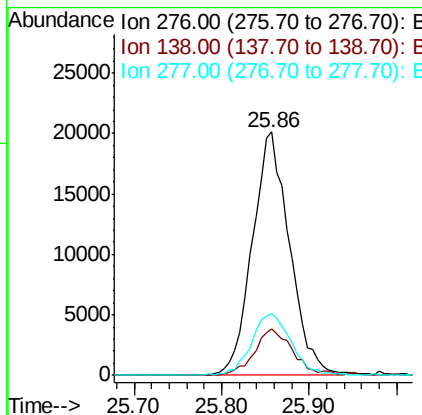
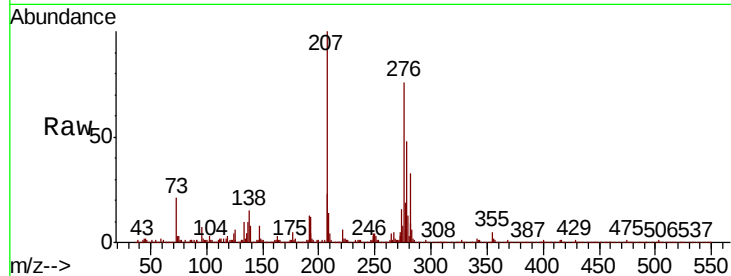
#92
Indeno(1,2,3-cd)pyrene
Concen: 3.626 ng/ul
RT: 25.86 min Scan# 3871
Delta R.T. -0.02 min
Lab File: BP004957.D
Acq: 09 Mar 2021 23:48

Instrument :
BNA_P
ClientSampleId :
MDL-ME-SOIL-07

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.1	14.7	22.1
277	25.3	19.4	29.0

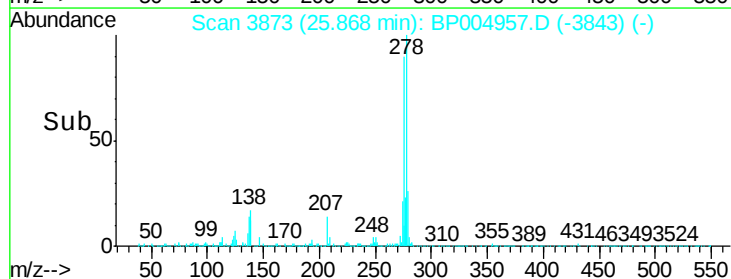
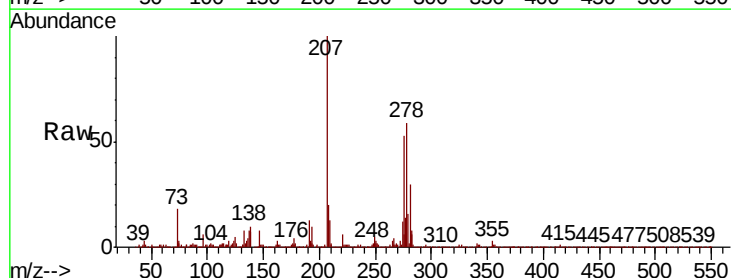
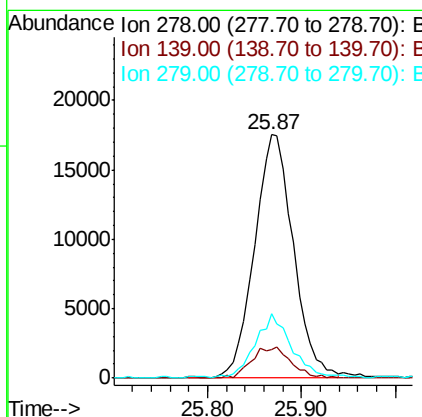
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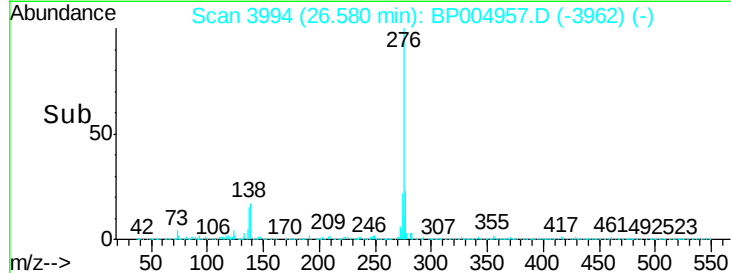
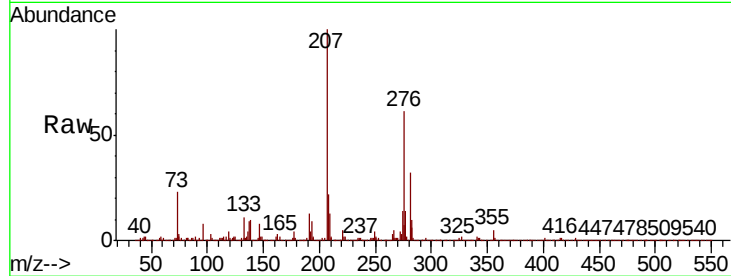
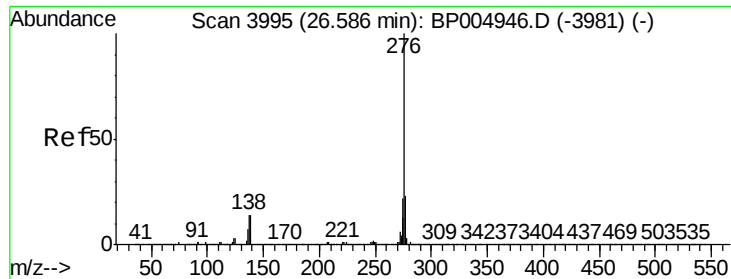
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#93
Dibenzo(a,h)anthracene
Concen: 3.675 ng/ul
RT: 25.87 min Scan# 3873
Delta R.T. -0.02 min
Lab File: BP004957.D
Acq: 09 Mar 2021 23:48

Tgt Ion	Ratio	Lower	Upper
278	100		
139	11.5	10.2	15.2
279	26.3	18.9	28.3





#94
Benzo(a,h,i)perylene
Concen: 3.599 ng/ul
RT: 26.58 min Scan# 3994
Delta R.T. -0.01 min
Lab File: BP004957.D
Acq: 09 Mar 2021 23:48

Tot Ion	Ratio	Lower	Upper
276	100		
138	16.7	13.4	20.0
277	22.8	17.8	26.6

Instrument :
BNA_P
ClientSampleId :
MDL-ME-SOIL-07

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