

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP030321\
 Data File : BP004903.D
 Acq On : 03 Mar 2021 20:32
 Operator : CG/JU
 Sample : M1534-16
 Misc : SOM-MDL-MES-02
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleID :
 MDL-ME-SOIL-02

Manual Integrations
 APPROVED

mohammad
 3/4/2021 11:33:45 AM

Quant Time: Mar 04 03:18:02 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP030221MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Mar 03 10:35:24 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	24252	20.00	ng/ul	0.00
18) Naphthalene-d8	10.53	136	101094	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.39	164	66124	20.00	ng/ul	-0.01
62) Phenanthrene-d10	17.15	188	152257	20.00	ng/ul	-0.01
78) Chrysene-d12	21.24	240	169089	20.00	ng/ul	-0.01
86) Perylene-d12	23.54	264	169950	20.00	ng/ul	-0.01

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.23	96	3037	4.93	ng/uL	0.00
5) Phenol-d5	6.92	99	73016	36.97	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.08	67	42294	41.29	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.28	132	60044	39.41	ng/ul	0.00
13) 4-Methylphenol-d8	8.45	113	58404	37.11	ng/ul	-0.01
19) Nitrobenzene-d5	8.90	128	29000	39.38	ng/ul	0.00
22) 2-Nitrophenol-d4	9.62	143	33786	40.86	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.16	165	57720	36.91	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.67	131	77893	43.58	ng/ul	-0.01
44) Dimethylphthalate-d6	13.80	166	198087	40.95	ng/ul	-0.01
47) Acenaphthylene-d8	14.08	160	235956	39.84	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.60	143	31567	36.48	ng/ul	-0.01
58) Fluorene-d10	15.39	176	171147	41.61	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.51	200	35409	35.67	ng/ul	-0.01
71) Anthracene-d10	17.25	188	270095	39.12	ng/ul	0.00
79) Pyrene-d10	19.49	212	312776	39.20	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.39	264	357369	41.03	ng/ul	-0.01

Target Compounds				Ovalue		
2) 1,4-Dioxane	3.27	88	749	1.117	ng/uL#	93
4) Benzaldehyde	6.88	77	5472	5.421	ng/ul	85
6) Phenol	6.94	94	8408	4.050	ng/ul	94
8) Bis(2-Chloroethyl)ether	7.17	93	6257	4.095	ng/ul	86
10) 2-Chlorophenol	7.30	128	6187	3.877	ng/ul#	90
11) 2-Methylphenol	8.25	108	55	0.036	ng/ul	89
12) 2,2'-oxybis(1-Chloropropan	8.27	45	3967	4.016	ng/ul	96
14) Acetophenone	8.56	105	10779	4.143	ng/ul	89
15) N-Nitroso-di-n-propylamine	8.55	70	5065	4.025	ng/ul#	93
16) 4-Methylphenol	8.52	108	6323	3.795	ng/ul	97
17) Hexachloroethane	8.81	117	2860	4.071	ng/ul	86
20) Nitrobenzene	8.94	77	8272	4.143	ng/ul#	90
21) Isophorone	9.46	82	13168	3.855	ng/ul#	94
23) 2-Nitrophenol	9.65	139	3543	3.809	ng/ul	92
24) 2,4-Dimethylphenol	9.72	107	8186	3.963	ng/ul	94
25) Bis(2-Chloroethoxy)methane	9.95	93	8675	4.206	ng/ul	96
27) 2,4-Dichlorophenol	10.18	162	6006	3.733	ng/ul#	84
28) Naphthalene	10.58	128	21467	4.013	ng/ul	98
30) 4-Chloroaniline	10.70	127	8218	4.461	ng/ul	93
31) Hexachlorobutadiene	10.87	225	4963	4.211	ng/ul#	87
32) Caprolactam	11.50	113	1804	3.452	ng/ul	92
33) 4-Chloro-3-methylphenol	11.83	107	6243	3.408	ng/ul	98
34) 2-Methylnaphthalene	12.20	142	14508	3.811	ng/ul	95

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35) 1-Methylnaphthalene	12.42	142	14643	3.959	ng/ul#	98
37) 1,2,4,5-Tetrachlorobenzene	12.58	216	8674	4.092	ng/ul#	93
38) Hexachlorocyclopentadiene	12.55	237	4768	3.530	ng/ul#	86
39) 2,4,6-Trichlorophenol	12.82	196	4644	3.498	ng/ul	93
40) 2,4,5-Trichlorophenol	12.89	196	5254	3.693	ng/ul	96
41) 1,1'-Biphenyl	13.22	154	19721	3.983	ng/ul	98
42) 2-Chloronaphthalene	13.26	162	15466	3.975	ng/ul	98
43) 2-Nitroaniline	13.47	65	3711	3.333	ng/ul	98
45) Dimethylphthalate	13.85	163	20901	4.203	ng/ul	97
46) 2,6-Dinitrotoluene	13.97	165	3783	3.804	ng/ul	97
48) Acenaphthylene	14.11	152	23238	4.098	ng/ul	98
49) 3-Nitroaniline	14.30	138	3286	3.619	ng/ul	90
50) Acenaphthene	14.46	153	16324	3.965	ng/ul	98
51) 2,4-Dinitrophenol	14.52	184	1843	2.882	ng/ul#	87
53) 4-Nitrophenol	14.62	109	3707	3.946	ng/ul	93
54) Dibenzofuran	14.79	168	24770	4.157	ng/ul	94
55) 2,4-Dinitrotoluene	14.76	165	5258	3.589	ng/ul	93
56) 2,3,4,6-Tetrachlorophenol	15.02	232	4925	3.919	ng/ul#	94
57) Diethylphthalate	15.22	149	21276m	4.231	ng/ul	
59) Fluorene	15.45	166	20411	4.107	ng/ul	97
60) 4-Chlorophenyl-phenylether	15.45	204	11321	4.325	ng/ul	94
61) 4-Nitroaniline	15.47	138	3692	3.559	ng/ul	87
64) 4,6-Dinitro-2-methylphenol	15.53	198	4110	4.085	ng/ul#	90
65) N-Nitrosodiphenylamine	15.66	169	17005	3.804	ng/ul	94
66) 4-Bromophenyl-phenylether	16.34	248	6414	3.982	ng/ul#	88
67) Hexachlorobenzene	16.45	284	7139	3.861	ng/ul#	92
68) Atrazine	16.62	200	6441	3.676	ng/ul	97
69) Pentachlorophenol	16.80	266	3271	2.887	ng/ul	90
70) Phenanthrene	17.19	178	32174	3.888	ng/ul	99
72) Anthracene	17.28	178	33155	3.925	ng/ul	97
73) 1,2,3,4-Tetrachlorobenzene	13.18	216	8887	3.921	ng/uL	97
74) Pentachlorobenzene	14.71	250	8768	3.971	ng/uL	97
75) Carbazole	17.56	167	26195	3.526	ng/ul	97
76) Di-n-butylphthalate	18.12	149	30205	3.439	ng/ul	99
77) Fluoranthene	19.17	202	36991	3.727	ng/ul#	96
80) Pvrene	19.52	202	41850	4.007	ng/ul	97
81) Butylbenzylphthalate	20.40	149	13254	3.252	ng/ul	97
82) 3,3'-Dichlorobenzidine	21.16	252	13017	3.696	ng/ul	99
83) Benzo(a)anthracene	21.22	228	40697	3.895	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.16	149	20510	3.368	ng/ul	96
85) Chrysene	21.27	228	41212	4.049	ng/ul	97
87) Di-n-octyl phthalate	22.05	149	35105	3.068	ng/ul	100
88) Benzo(b)fluoranthene	22.84	252	43293	4.006	ng/ul	99
89) Benzo(k)fluoranthene	22.88	252	40112	3.754	ng/ul	96
91) Benzo(a)pyrene	23.43	252	37059	3.906	ng/ul#	93
92) Indeno(1,2,3-cd)pyrene	25.89	276	46226	3.807	ng/ul	96
93) Dibenzo(a,h)anthracene	25.90	278	39387	3.813	ng/ul	97
94) Benzo(a,h,i)perylene	26.60	276	38254	3.784	ng/ul#	92

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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

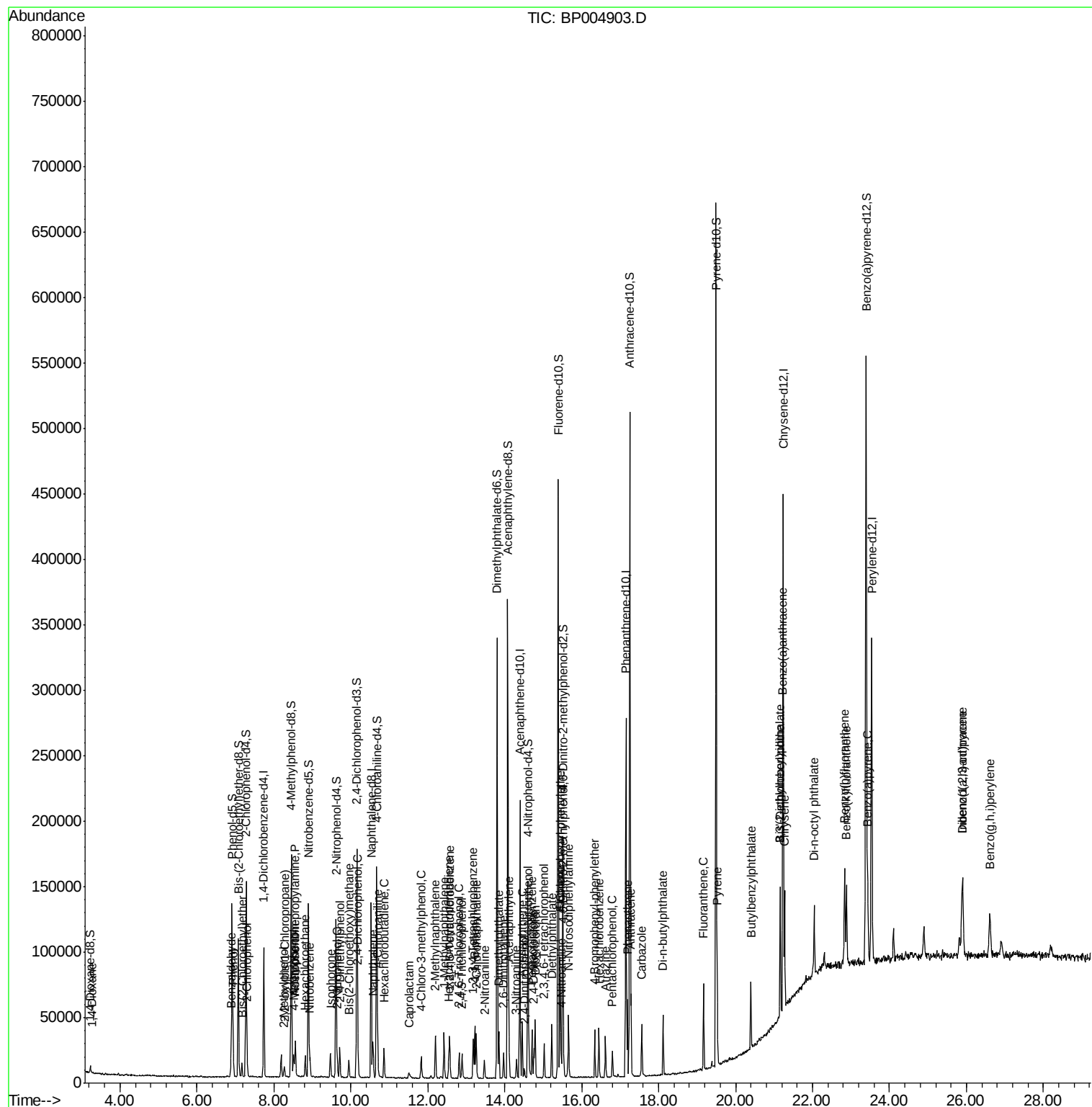
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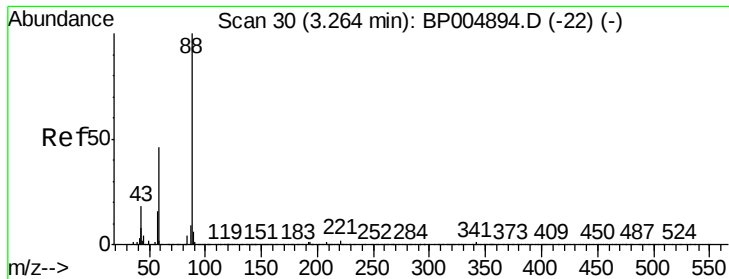
Instrument :
BNA_P
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#2

1,4-Dioxane

Concen: 1.117 ng/uL

RT: 3.27 min Scan# 31

Delta R.T. 0.00 min

Lab File: BP004903.D

Acq: 03 Mar 2021 20:32

Instrument :

BNA_P

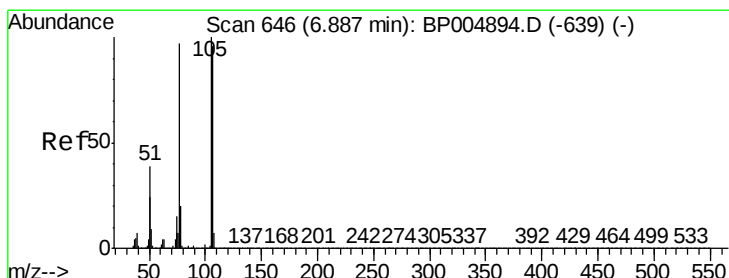
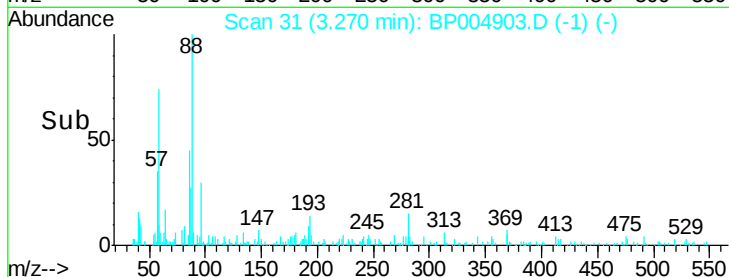
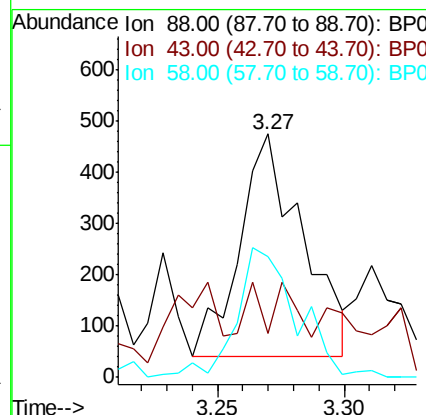
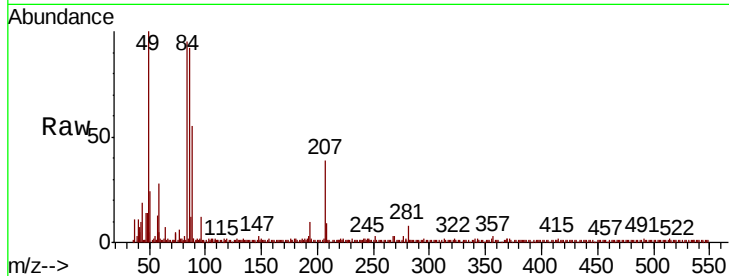
ClientSampleId :

MDL-ME-SOIL-02

Tot Ion:	88	Resp:	749
Ion	Ratio	Lower	Upper
88	100		
43	18.3	20.9	31.3#
58	49.6	41.0	61.4

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#4

Benzaldehyde

Concen: 5.421 ng/uL

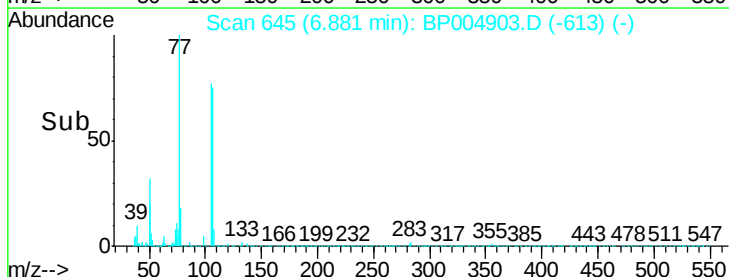
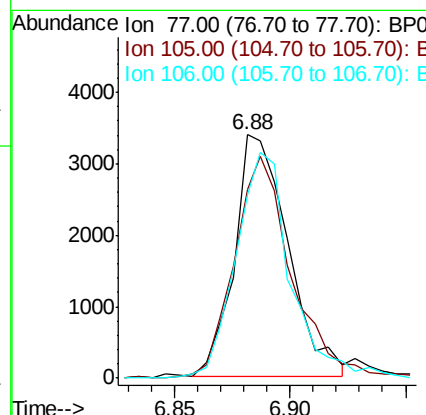
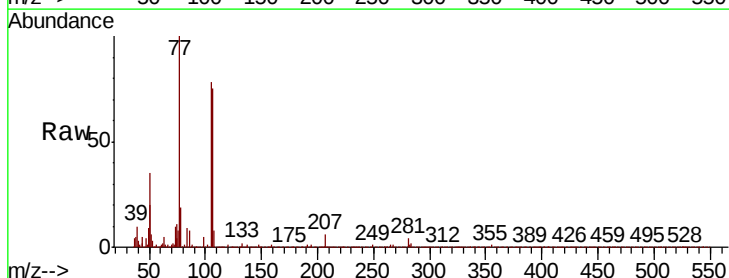
RT: 6.88 min Scan# 645

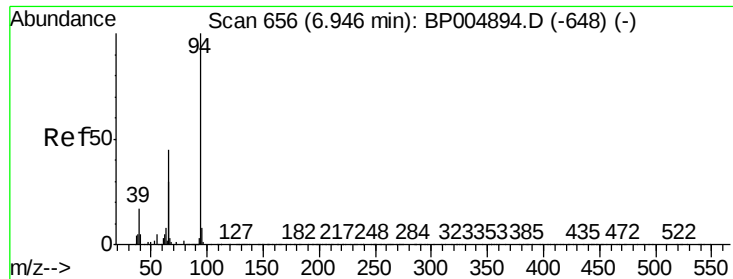
Delta R.T. -0.01 min

Lab File: BP004903.D

Acq: 03 Mar 2021 20:32

Tgt Ion:	77	Resp:	5472
Ion	Ratio	Lower	Upper
77	100		
105	77.5	75.4	113.2
106	75.3	69.7	104.5





#6

Phenol

Concen: 4.050 ng/ul

RT: 6.94 min Scan# 655

Delta R.T. -0.01 min

Lab File: BP004903.D

Acq: 03 Mar 2021 20:32

Instrument :

BNA_P

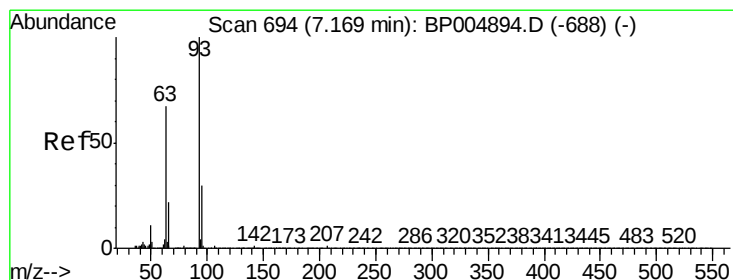
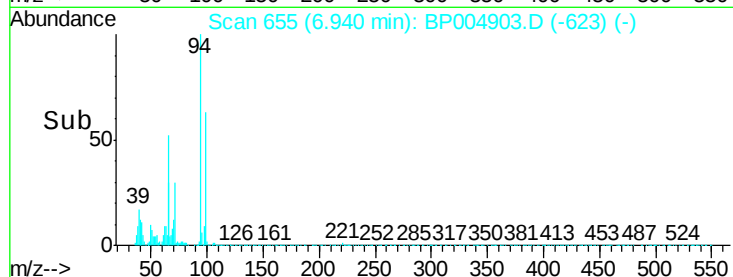
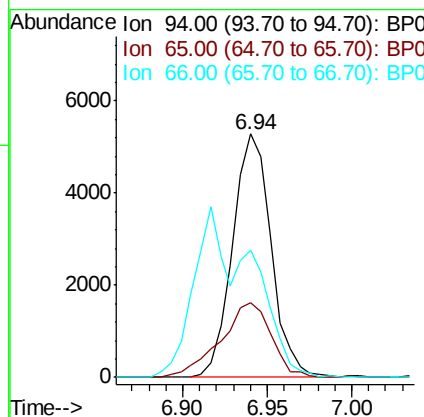
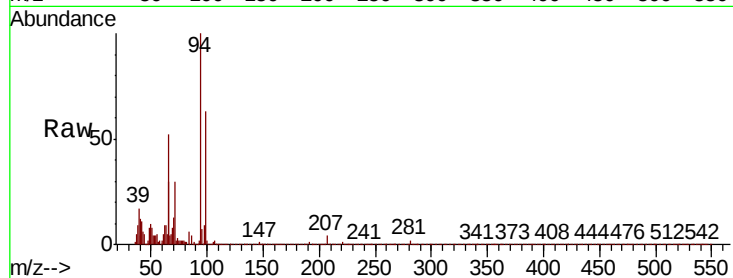
ClientSampleId :

MDL-ME-SOIL-02

Tot Ion:	94	Resp:	8408
Ion	Ratio	Lower	Upper
94	100		
65	30.5	22.8	34.2
66	52.1	37.8	56.8

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#8

Bis(2-Chloroethyl)ether

Concen: 4.095 ng/ul

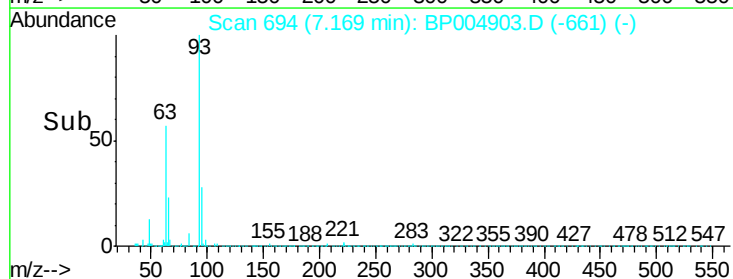
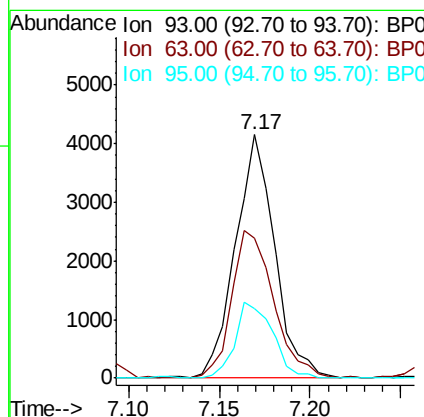
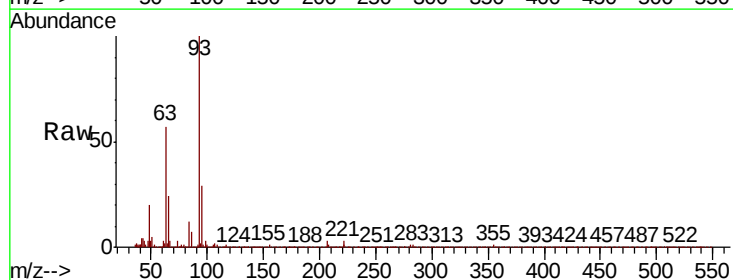
RT: 7.17 min Scan# 694

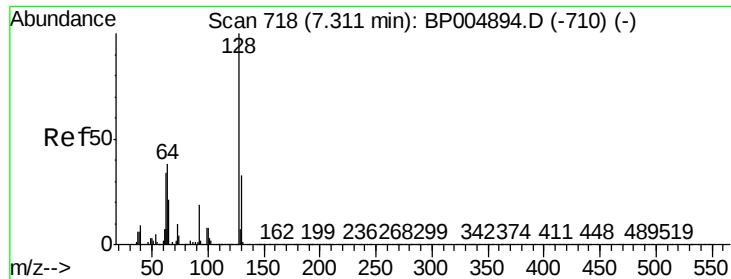
Delta R.T. -0.01 min

Lab File: BP004903.D

Acq: 03 Mar 2021 20:32

Tgt Ion:	93	Resp:	6257
Ion	Ratio	Lower	Upper
93	100		
63	57.3	56.0	84.0
95	28.8	27.8	41.8





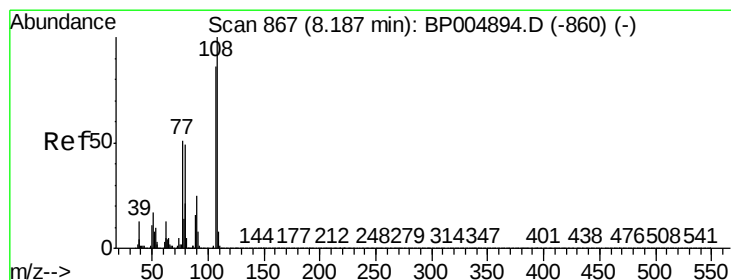
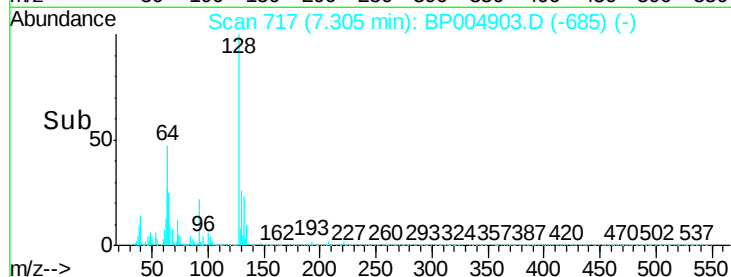
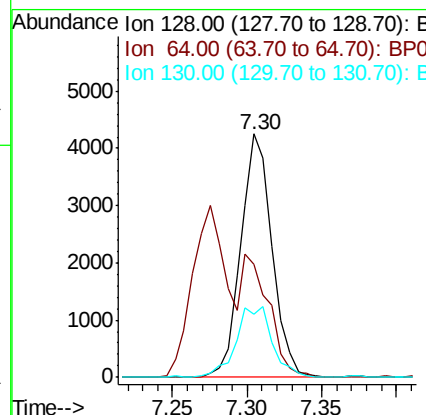
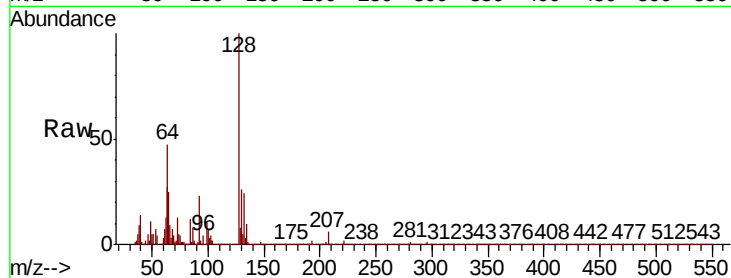
#10
2-Chlorophenol
Concen: 3.877 ng/ul
RT: 7.30 min Scan# 717
Delta R.T. -0.01 min
Lab File: BP004903.D
Acq: 03 Mar 2021 20:32

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Tot Ion	Ratio	Lower	Upper
128	100		
64	46.6	34.8	52.2
130	26.0	28.6	43.0

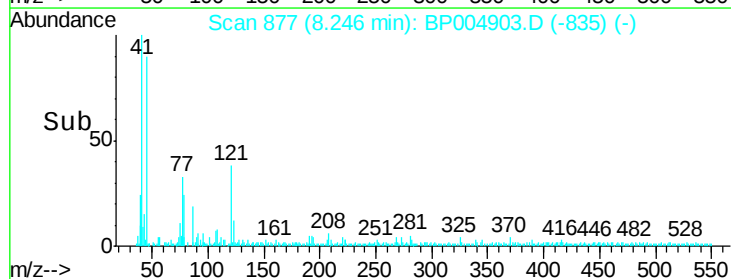
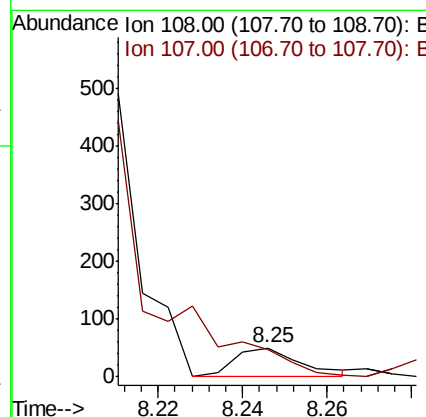
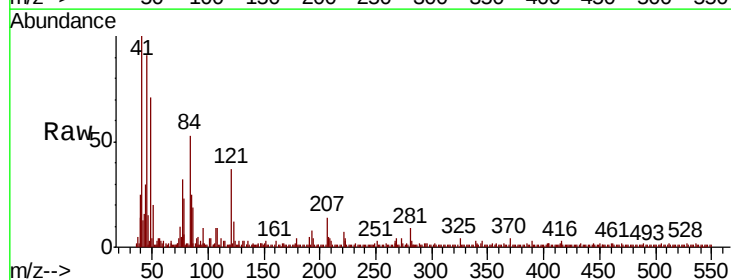
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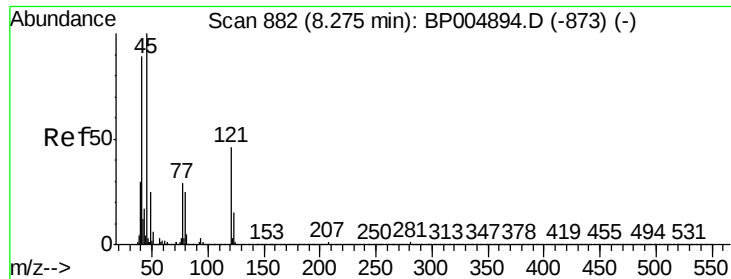
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#11
2-Methylphenol
Concen: 0.036 ng/ul
RT: 8.25 min Scan# 877
Delta R.T. 0.05 min
Lab File: BP004903.D
Acq: 03 Mar 2021 20:32

Tgt Ion	Ratio	Lower	Upper
108	100		
107	96.0	68.8	103.2





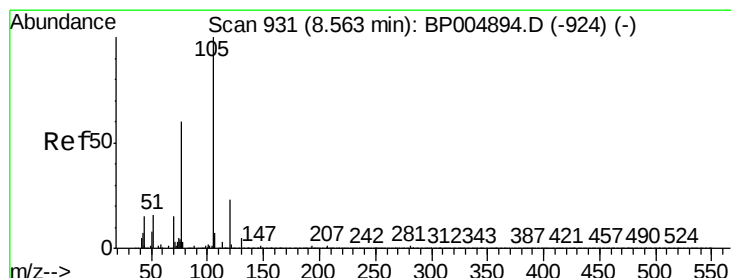
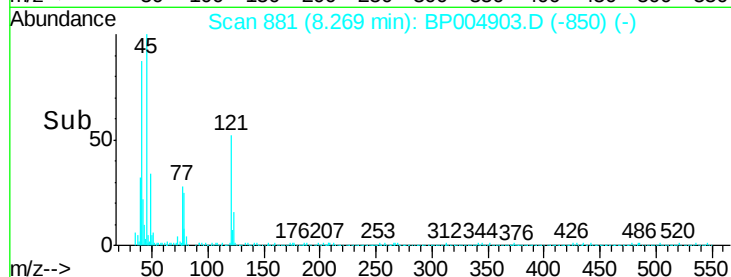
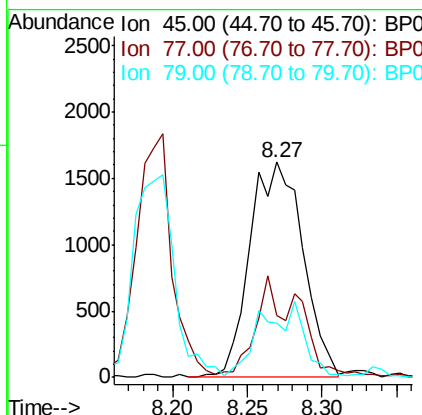
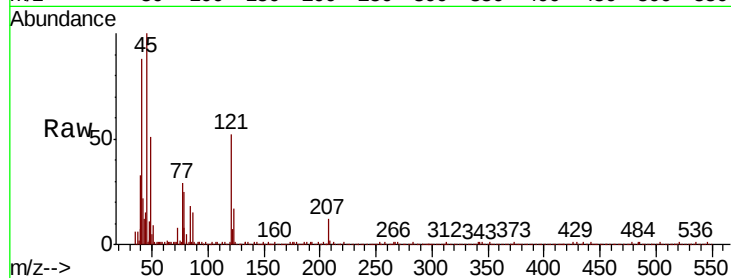
#12
2,2'-oxvbis(1-Chloropropane)
Concen: 4.016 ng/ul
RT: 8.27 min Scan# 881
Delta R.T. -0.02 min
Lab File: BP004903.D
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Tot Ion:	45	Resp:	3967
Ion Ratio	Lower	Upper	
45	100		
77	29.0	21.8	32.8
79	25.4	18.6	27.8

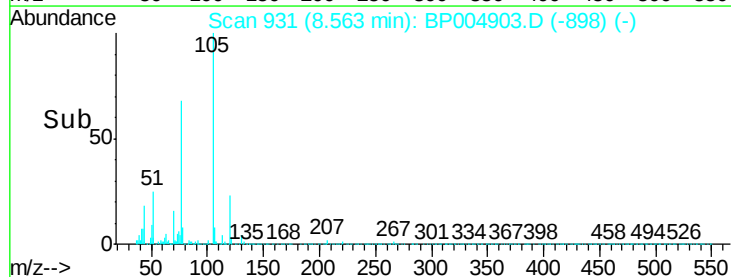
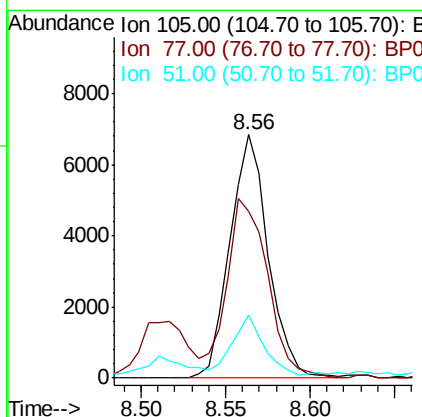
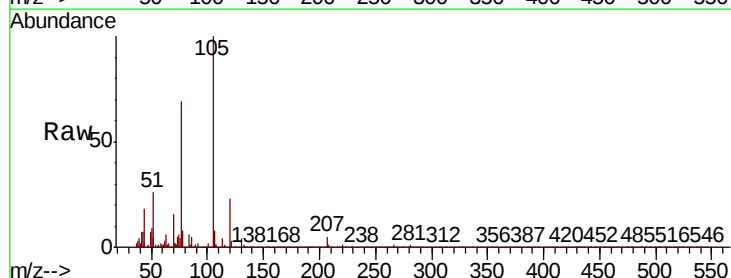
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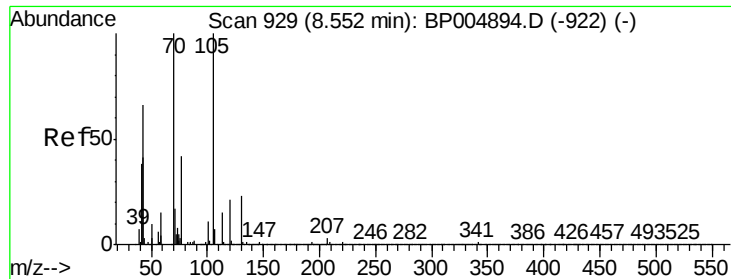
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#14
Acetophenone
Concen: 4.143 ng/ul
RT: 8.56 min Scan# 931
Delta R.T. -0.01 min
Lab File: BP004903.D
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Tgt Ion:	105	Resp:	10779
Ion Ratio	Lower	Upper	
105	100		
77	68.7	64.4	96.6
51	25.9	19.1	28.7





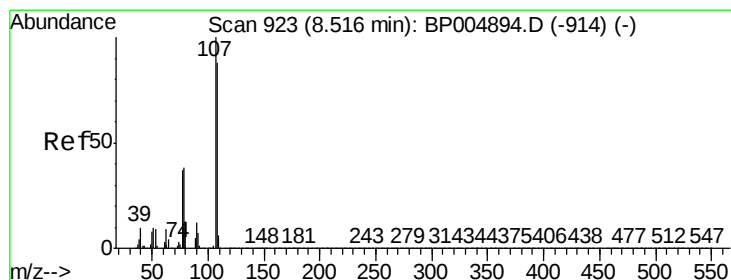
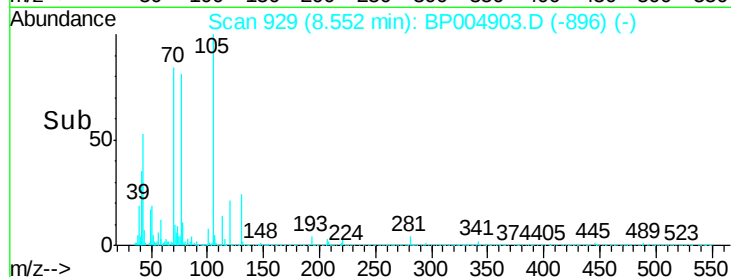
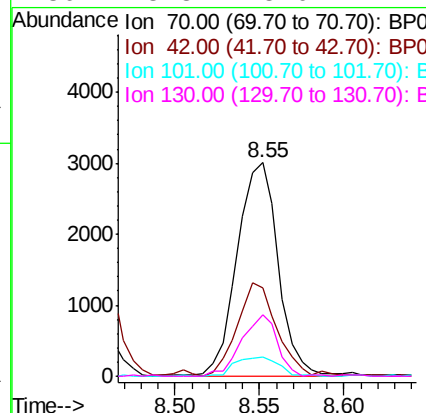
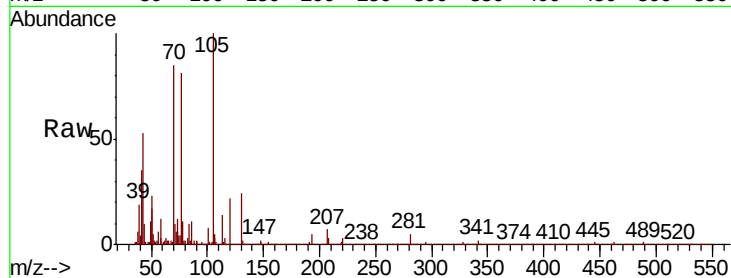
#15
N-Nitroso-di-n-propylamine
Concen: 4.025 ng/ul
RT: 8.55 min Scan# 929
Delta R.T. -0.01 min
Lab File: BP004903.D
Acq: 03 Mar 2021 20:32

Instrument :
BNA_P
ClientSampleId :
MDL-ME-SOIL-02

Tot Ion	Ratio	Lower	Upper
70	100		
42	41.1	33.1	49.7
101	9.1	8.5	12.7
130	28.8	15.0	22.4

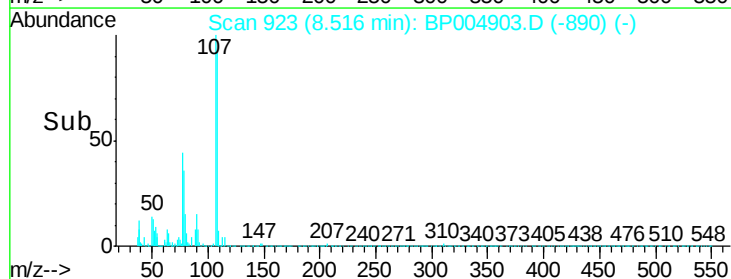
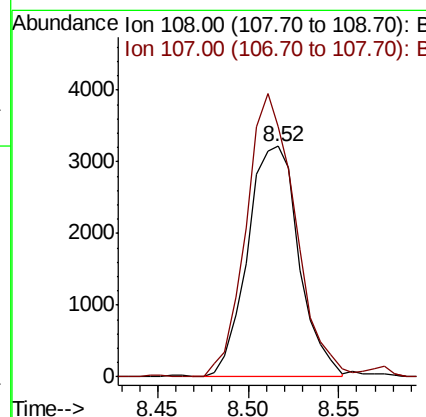
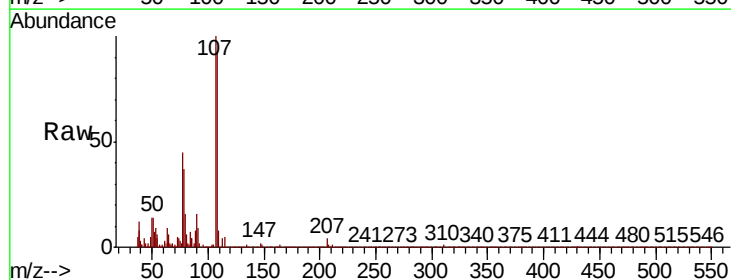
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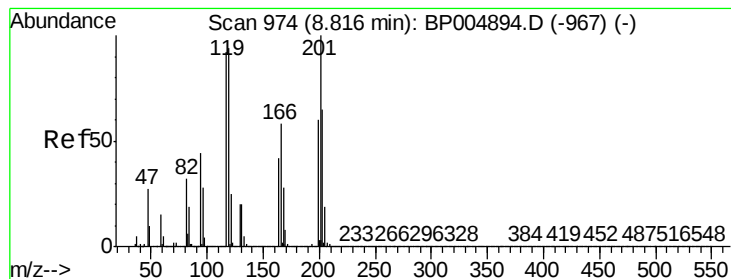
mohammad
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#16
4-Methylphenol
Concen: 3.795 ng/ul
RT: 8.52 min Scan# 923
Delta R.T. -0.01 min
Lab File: BP004903.D
Acq: 03 Mar 2021 20:32

Tgt Ion	Ratio	Lower	Upper
108	100		
107	108.7	89.2	133.8





#17

Hexachloroethane

Concen: 4.071 ng/ul

RT: 8.81 min Scan# 973

Delta R.T. -0.01 min

Lab File: BP004903.D

Acq: 03 Mar 2021 20:32

Instrument :

BNA_P

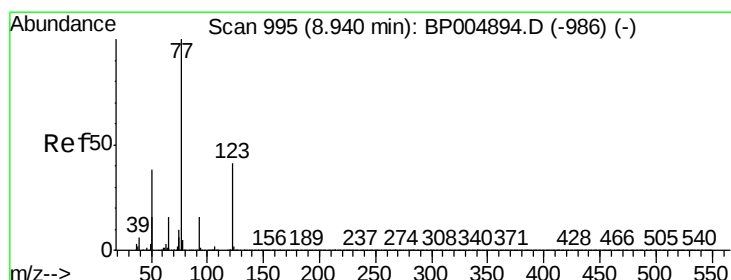
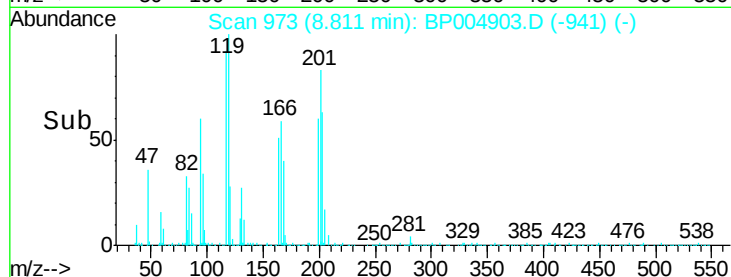
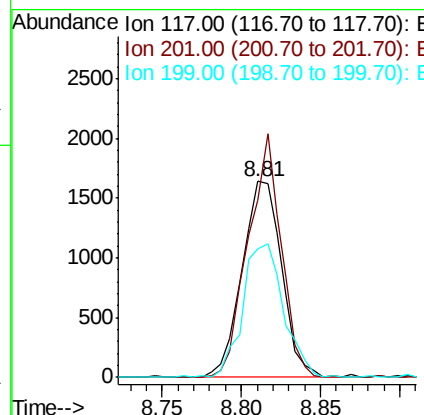
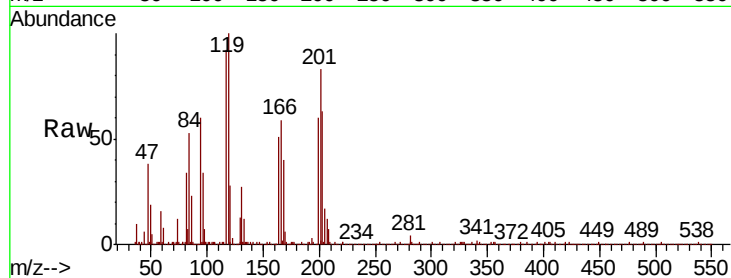
ClientSampleId :

MDL-ME-SOIL-02

Tot Ion:	117	Resp:	2860
Ion	Ratio	Lower	Upper
117	100		
201	90.0	86.7	130.1
199	65.6	48.2	72.4

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#20

Nitrobenzene

Concen: 4.143 ng/ul

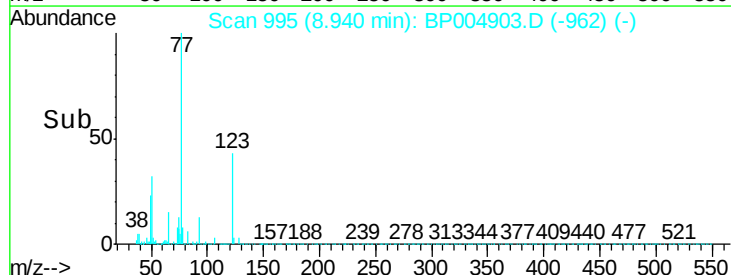
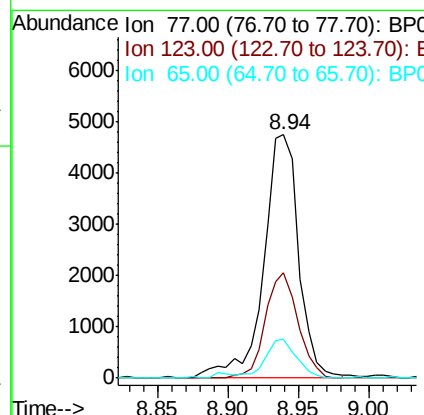
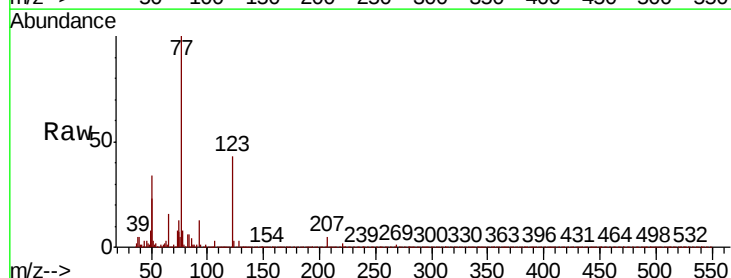
RT: 8.94 min Scan# 995

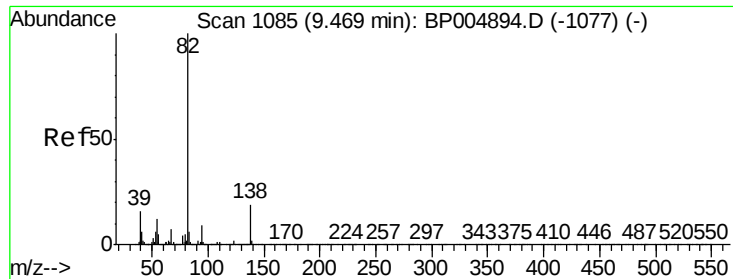
Delta R.T. -0.01 min

Lab File: BP004903.D

Acq: 03 Mar 2021 20:32

Tgt Ion:	77	Resp:	8272
Ion	Ratio	Lower	Upper
77	100		
123	43.1	29.4	44.2
65	15.7	9.8	14.6#





#21

Isophorone

Concen: 3.855 ng/ul

RT: 9.46 min Scan# 1084

Delta R.T. -0.01 min

Lab File: BP004903.D

Acq: 03 Mar 2021 20:32

Instrument :

BNA_P

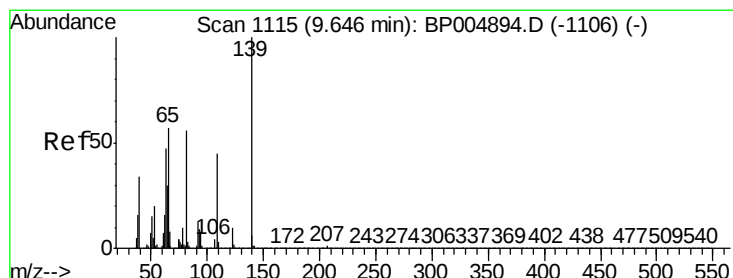
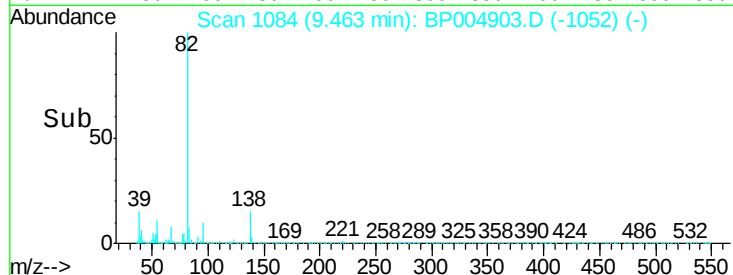
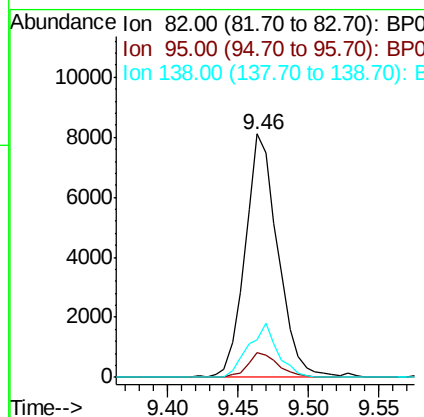
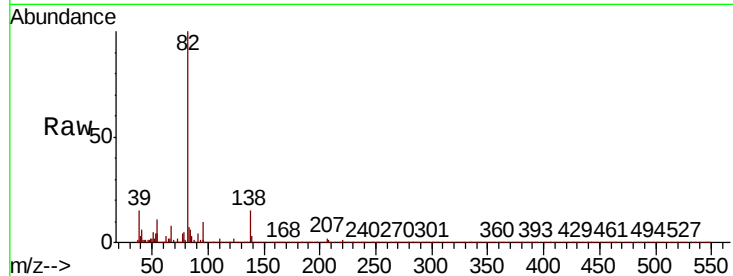
ClientSampleId :

MDL-ME-SOIL-02

Tot Ion:	82	Resp:	13168
Ion Ratio	Lower	Upper	
82	100		
95	10.1	6.6	9.8#
138	15.3	14.6	22.0

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#23

2-Nitrophenol

Concen: 3.809 ng/ul

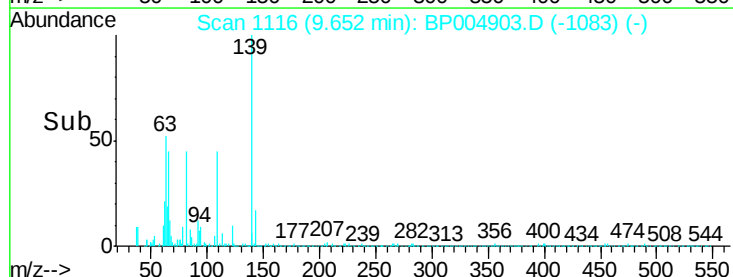
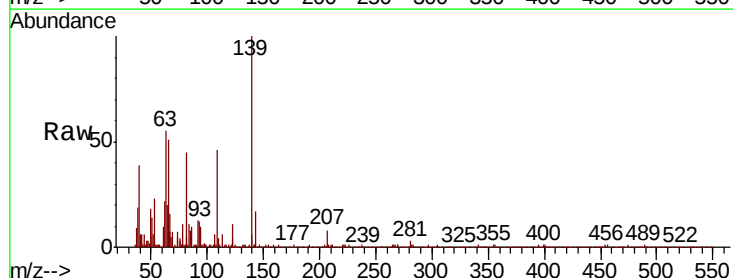
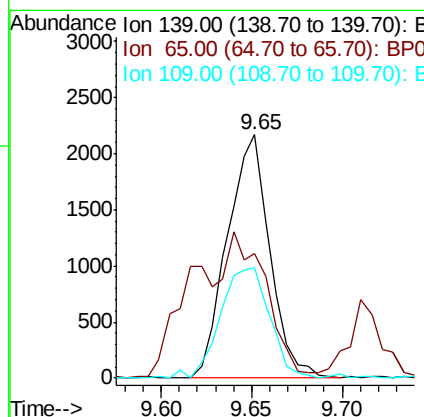
RT: 9.65 min Scan# 1116

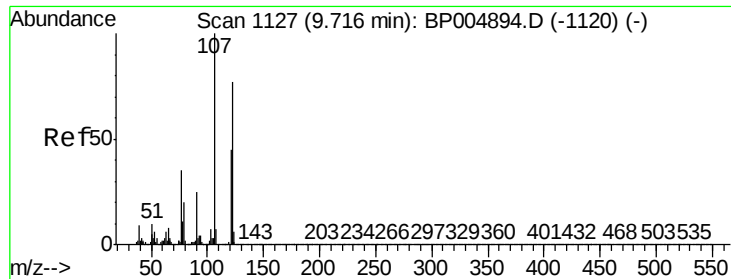
Delta R.T. -0.01 min

Lab File: BP004903.D

Acq: 03 Mar 2021 20:32

Tgt Ion:	139	Resp:	3543
Ion Ratio	Lower	Upper	
139	100		
65	51.2	49.4	74.2
109	45.5	37.1	55.7





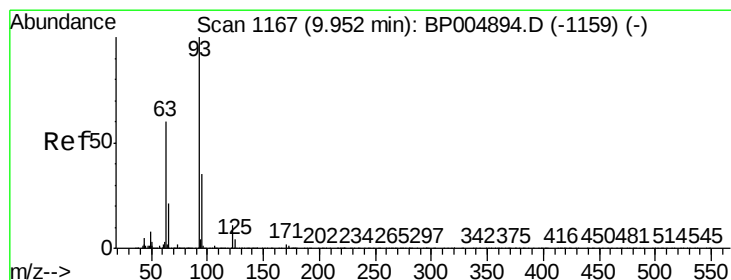
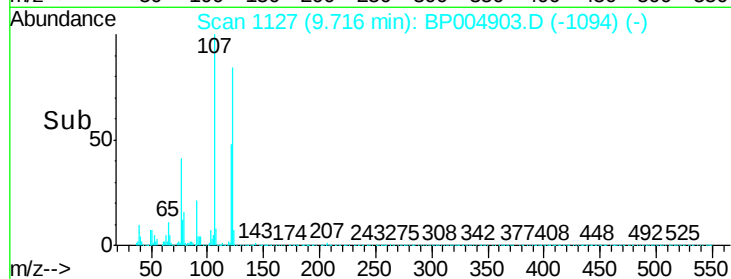
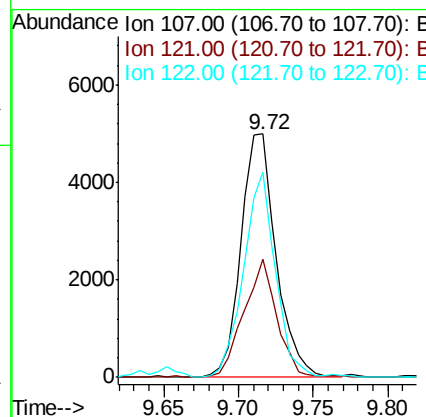
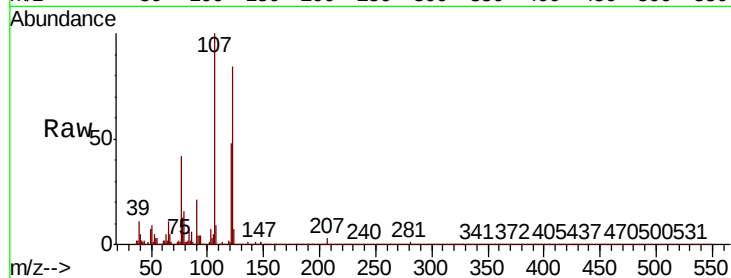
#24
2,4-Dimethylphenol
Concen: 3.963 ng/ul
RT: 9.72 min Scan# 1127
Delta R.T. -0.01 min
Lab File: BP004903.D
Acq: 03 Mar 2021 20:32

Instrument :
BNA_P
ClientSampleId :
MDL-ME-SOIL-02

Tot Ion:	107	Resp:	8186
Ion Ratio	Lower	Upper	
107	100		
121	48.4	37.1	55.7
122	84.2	61.8	92.8

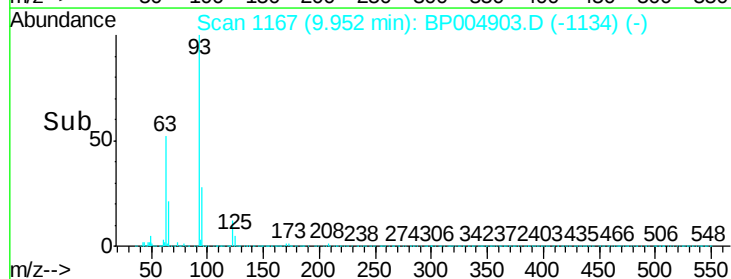
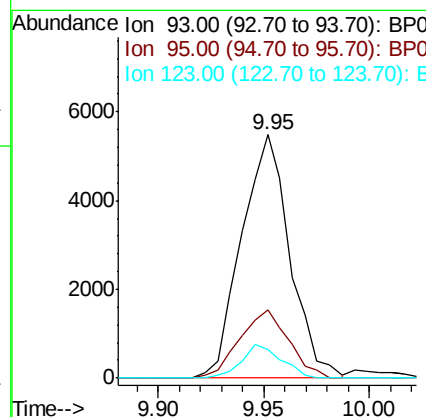
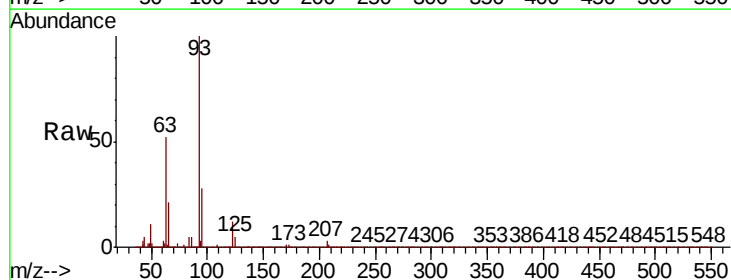
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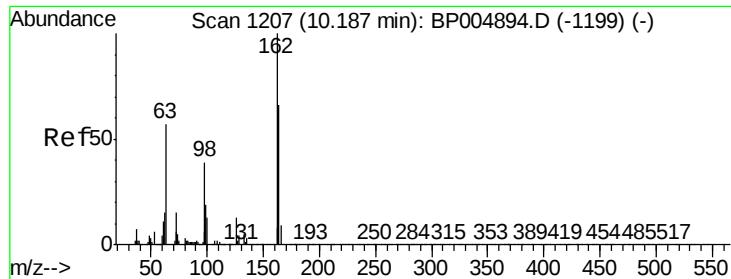
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#25
Bis(2-Chloroethoxy)methane
Concen: 4.206 ng/ul
RT: 9.95 min Scan# 1167
Delta R.T. -0.01 min
Lab File: BP004903.D
Acq: 03 Mar 2021 20:32

Tgt Ion:	93	Resp:	8675
Ion Ratio	Lower	Upper	
93	100		
95	27.8	24.3	36.5
123	12.1	8.6	13.0





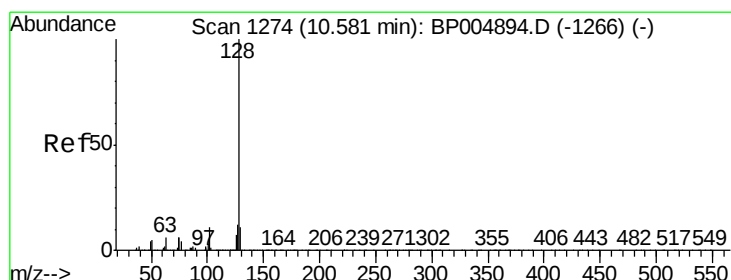
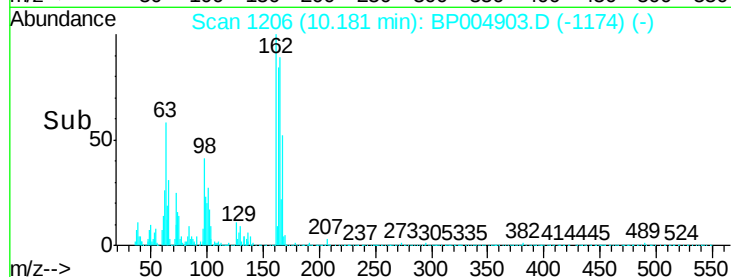
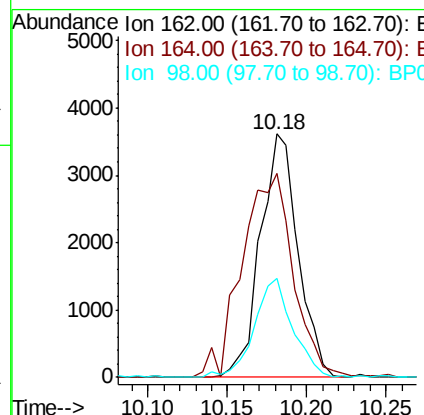
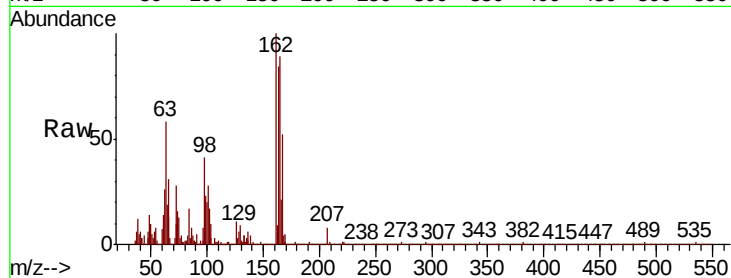
#27
2,4-Dichlorophenol
Concen: 3.733 ng/ul
RT: 10.18 min Scan# 1206
Delta R.T. -0.01 min
Lab File: BP004903.D
Acq: 03 Mar 2021 20:32

Instrument :
BNA_P
ClientSampleId :
MDL-ME-SOIL-02

Tot Ion:	162	Resp:	6006
Ion Ratio	Lower	Upper	
162	100		
164	84.0	51.8	77.6#
98	40.7	32.0	48.0

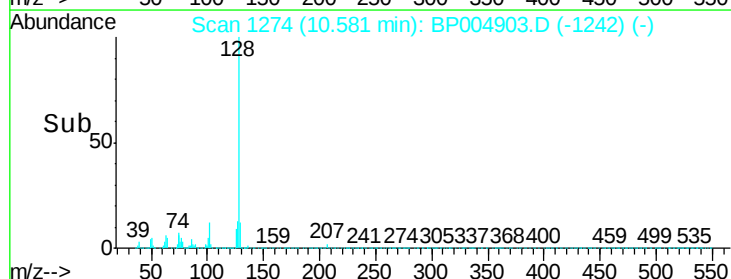
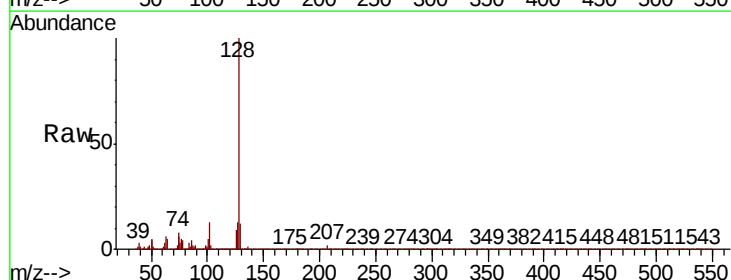
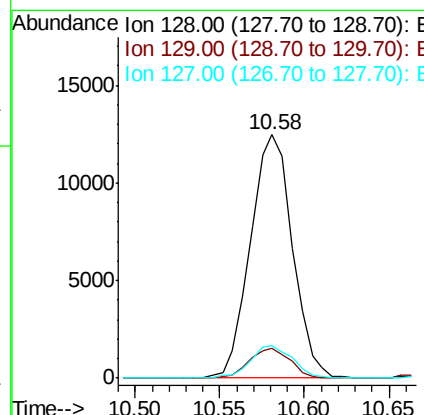
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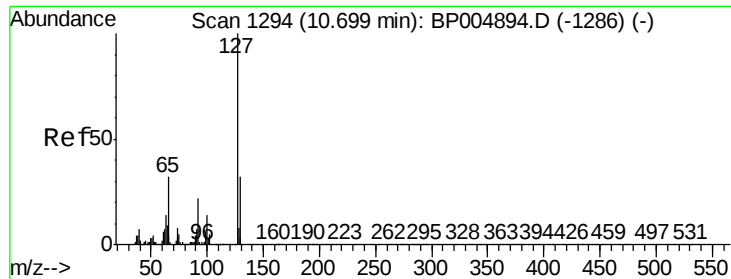
mohammad
3/4/2021 11:33:45 AM



#28
Naphthalene
Concen: 4.013 ng/ul
RT: 10.58 min Scan# 1274
Delta R.T. -0.01 min
Lab File: BP004903.D
Acq: 03 Mar 2021 20:32

Tgt Ion:	128	Resp:	21467
Ion Ratio	Lower	Upper	
128	100		
129	12.2	9.0	13.6
127	13.3	11.4	17.2





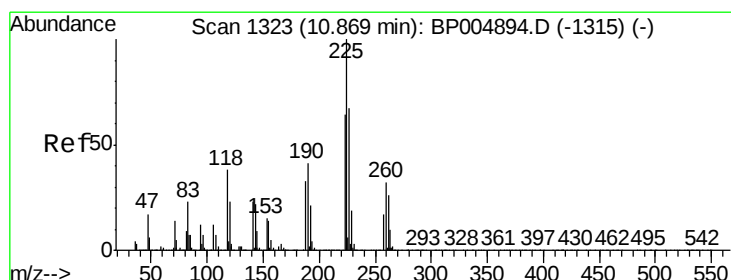
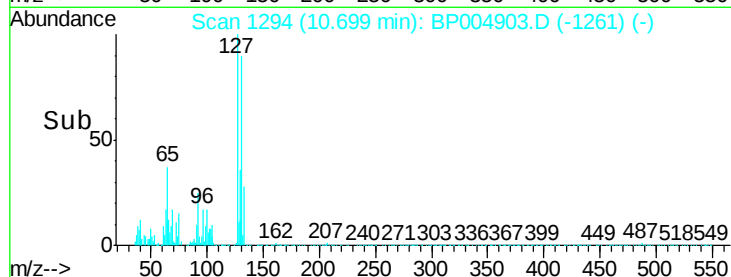
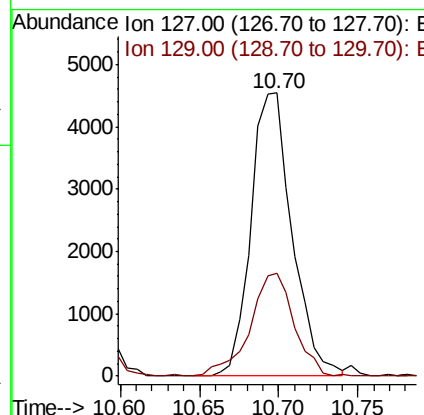
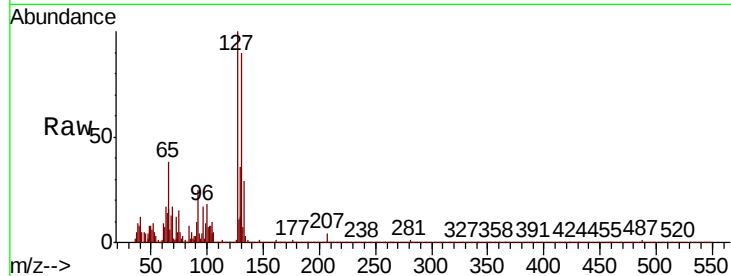
#30
4-Chloroaniline
Concen: 4.461 ng/ul
RT: 10.70 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BP004903.D
Acq: 03 Mar 2021 20:32

Instrument :
BNA_P
ClientSampleId :
MDL-ME-SOIL-02

Tot Ion	Ratio	Lower	Upper
127	100		
129	36.2	25.6	38.4

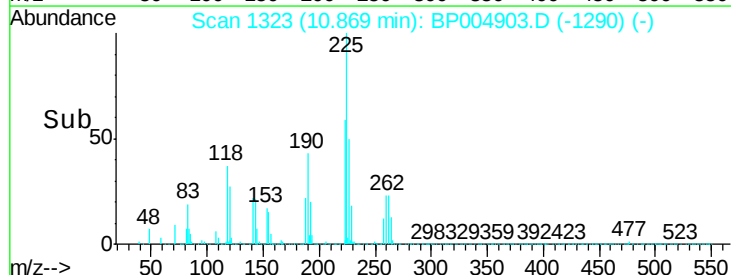
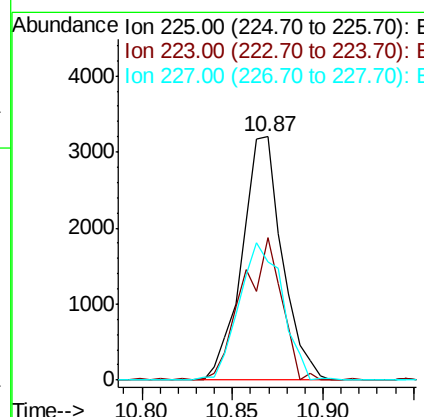
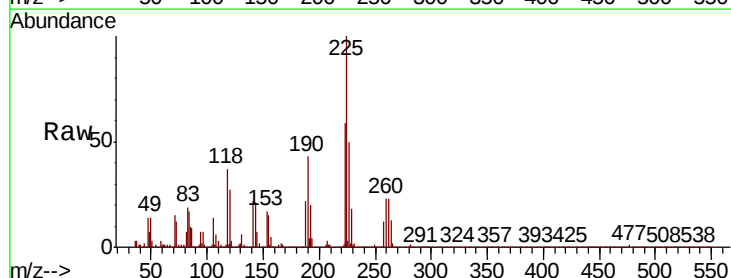
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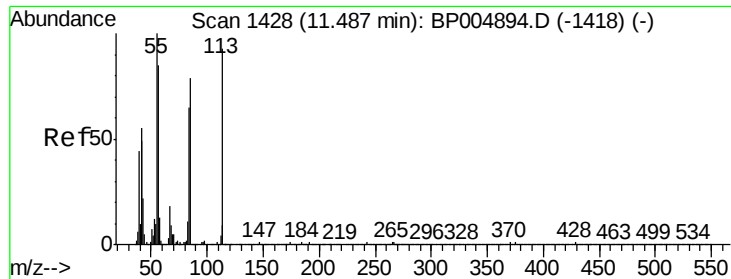
mohammad
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#31
Hexachlorobutadiene
Concen: 4.211 ng/ul
RT: 10.87 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BP004903.D
Acq: 03 Mar 2021 20:32

Tgt Ion	Ratio	Lower	Upper
225	100		
223	58.6	51.2	76.8
227	48.7	51.4	77.2





#32

Caprolactam

Concen: 3.452 ng/ul

RT: 11.50 min Scan# 1431

Delta R.T. 0.02 min

Lab File: BP004903.D

Acq: 03 Mar 2021 20:32

Instrument :

BNA_P

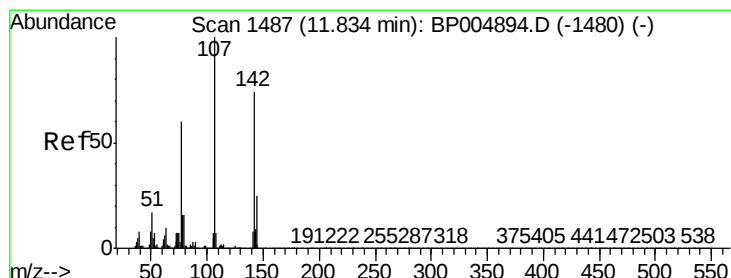
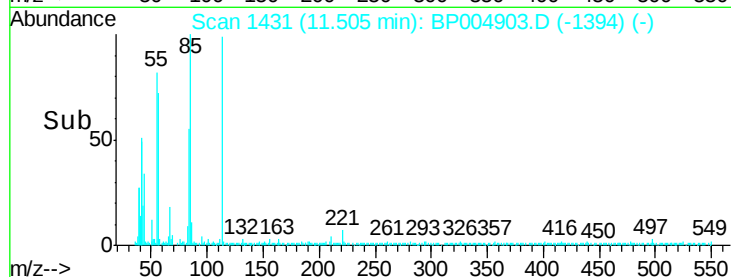
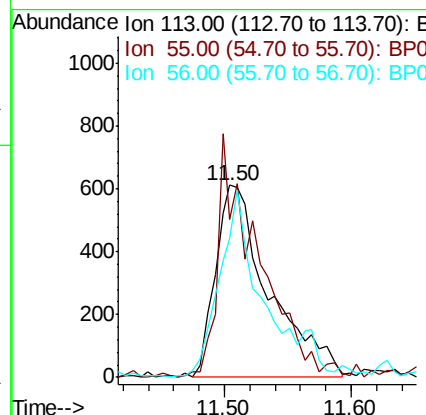
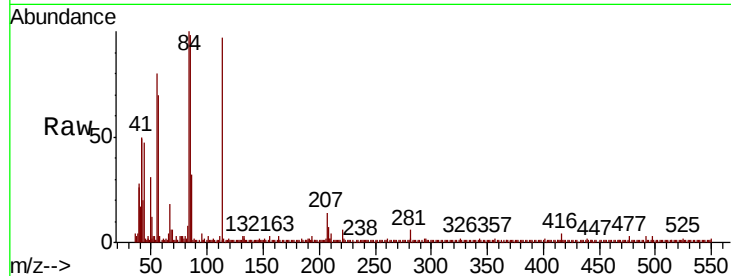
ClientSampleId :

MDL-ME-SOIL-02

Tot Ion:	113	Resp:	1804
Ion Ratio	Lower	Upper	
113	100		
55	82.2	69.5	104.3
56	72.1	65.8	98.6

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#33

4-Chloro-3-methylphenol

Concen: 3.408 ng/ul

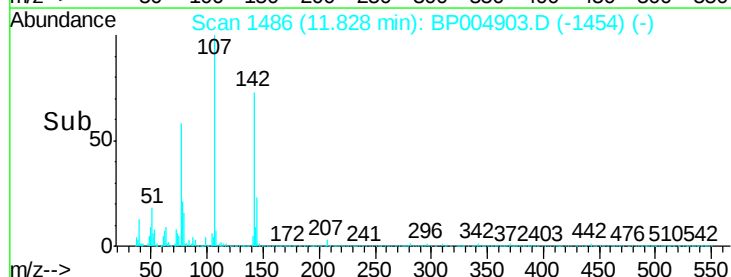
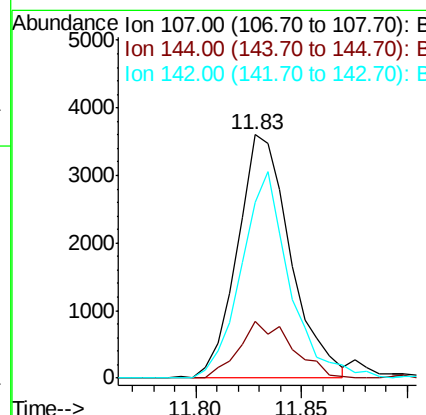
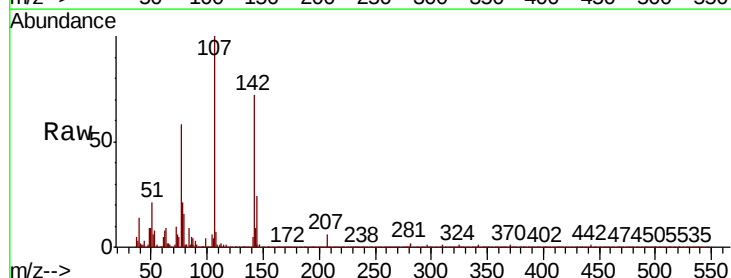
RT: 11.83 min Scan# 1486

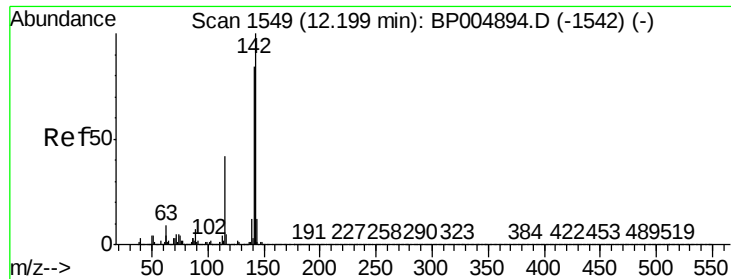
Delta R.T. -0.01 min

Lab File: BP004903.D

Acq: 03 Mar 2021 20:32

Tgt Ion:	107	Resp:	6243
Ion Ratio	Lower	Upper	
107	100		
144	23.5	17.3	25.9
142	72.4	56.6	84.8





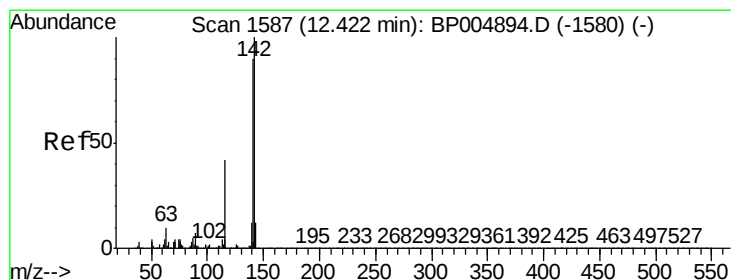
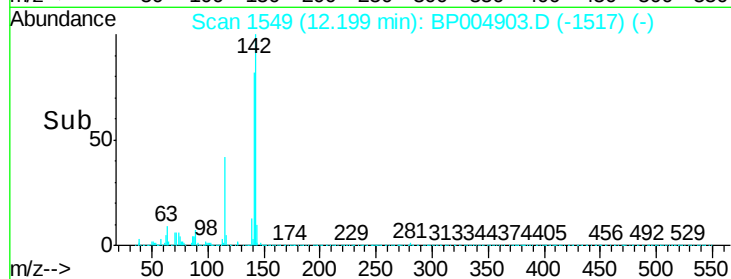
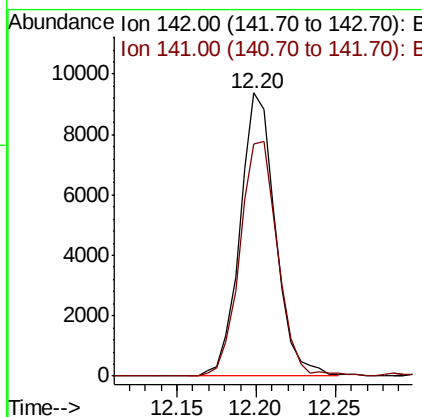
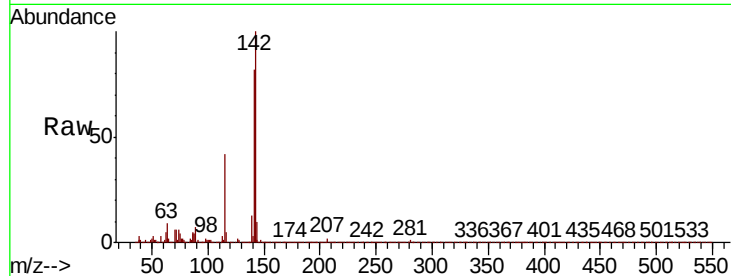
#34
 2-Methylnaphthalene
 Concen: 3.811 ng/ul
 RT: 12.20 min Scan# 1549
 Delta R.T. -0.01 min
 Lab File: BP004903.D
 Acq: 03 Mar 2021 20:32

Instrument :
 BNA_P
 ClientSampleId :
 MDL-ME-SOIL-02

Tot Ion:142 Resp: 14508
 Ion Ratio Lower Upper
 142 100
 141 82.0 69.4 104.2

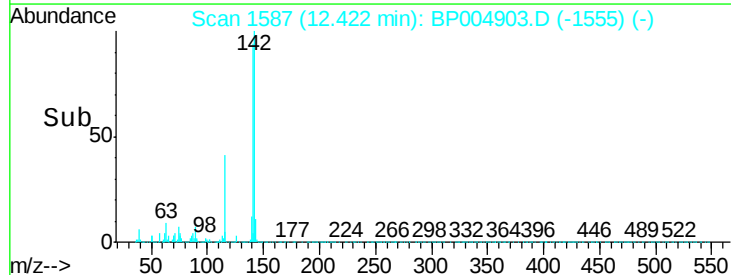
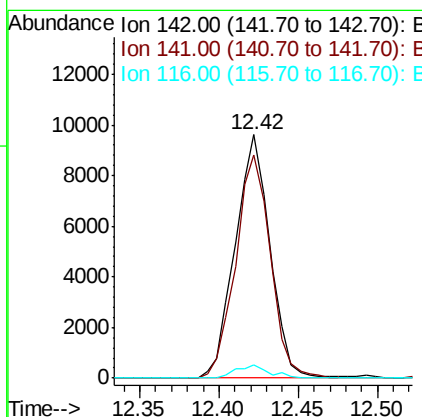
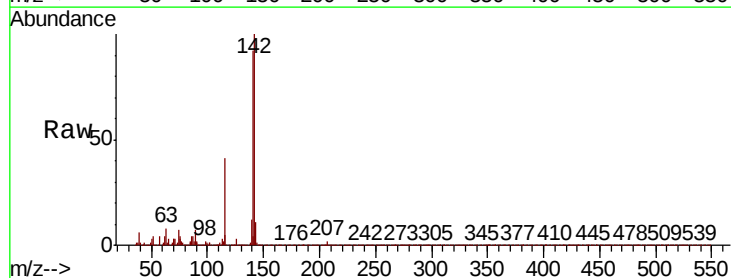
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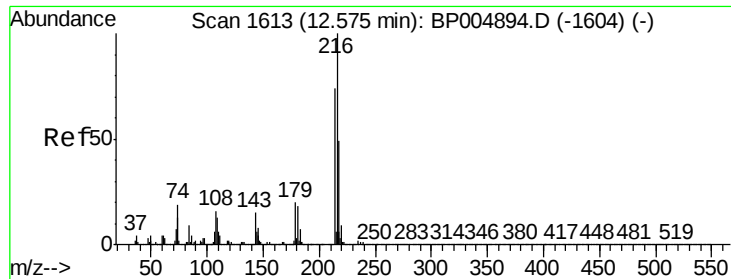
mohammad
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#35
 1-Methylnaphthalene
 Concen: 3.959 ng/ul
 RT: 12.42 min Scan# 1587
 Delta R.T. -0.01 min
 Lab File: BP004903.D
 Acq: 03 Mar 2021 20:32

Tgt Ion:142 Resp: 14643
 Ion Ratio Lower Upper
 142 100
 141 91.7 71.5 107.3
 116 5.2 3.4 5.0#





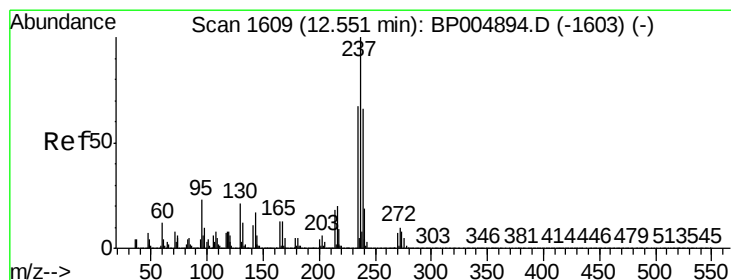
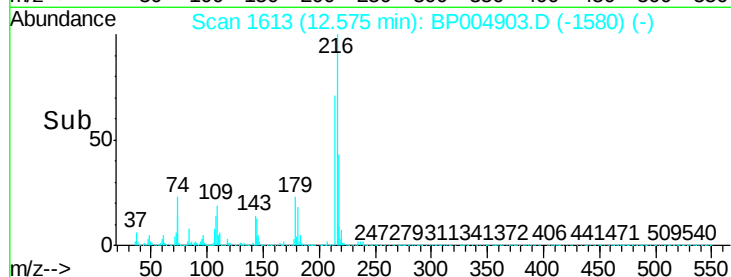
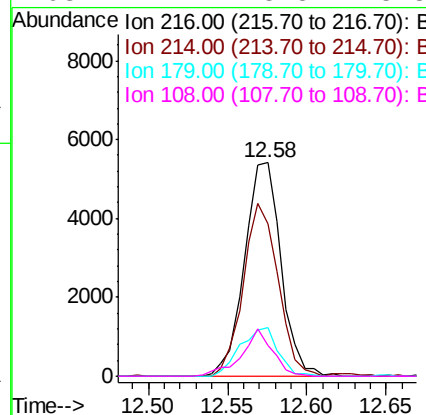
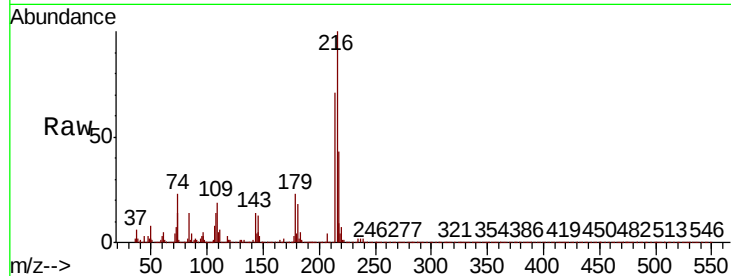
#37
 1,2,4,5-Tetrachlorobenzene
 Concen: 4.092 ng/ul
 RT: 12.58 min Scan# 1613
 Delta R.T. -0.01 min
 Lab File: BP004903.D
 Acq: 03 Mar 2021 20:32

Instrument :
 BNA_P
 ClientSampleId :
 MDL-ME-SOIL-02

Tot Ion:	216	Resp:	8674
Ion Ratio	Lower	Upper	
216	100		
214	71.3	62.3	93.5
179	22.9	17.2	25.8
108	14.2	15.5	23.3#

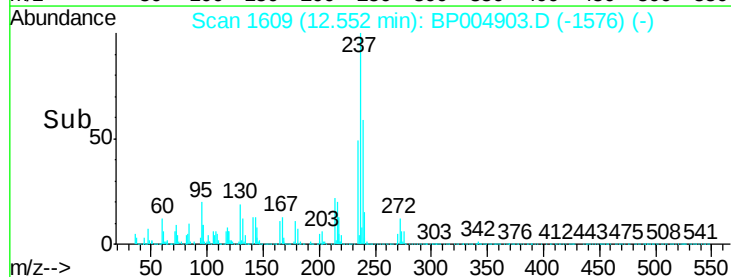
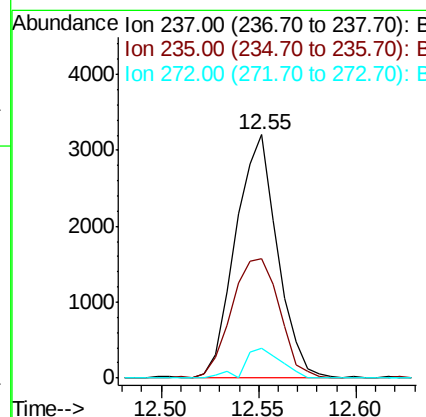
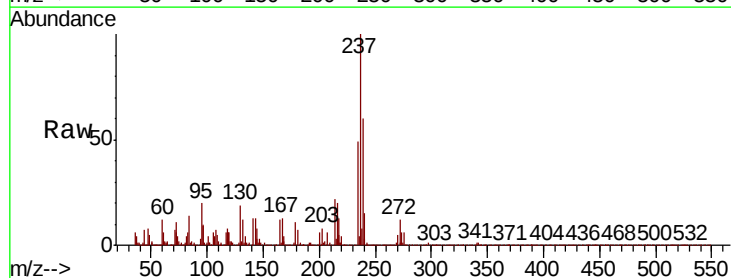
Manual Integrations
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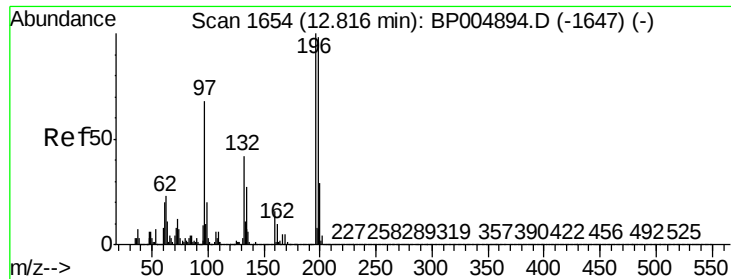
mohammad
 3/4/2021 11:33:45 AM



#38
 Hexachlorocyclopentadiene
 Concen: 3.530 ng/ul
 RT: 12.55 min Scan# 1609
 Delta R.T. -0.01 min
 Lab File: BP004903.D
 Acq: 03 Mar 2021 20:32

Tgt Ion:	237	Resp:	4768
Ion Ratio	Lower	Upper	
237	100		
235	48.9	49.4	74.0#
272	11.8	10.6	15.8





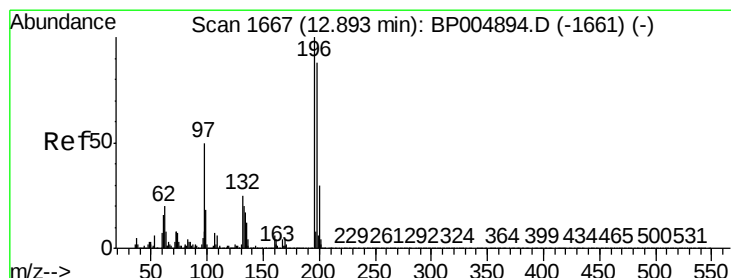
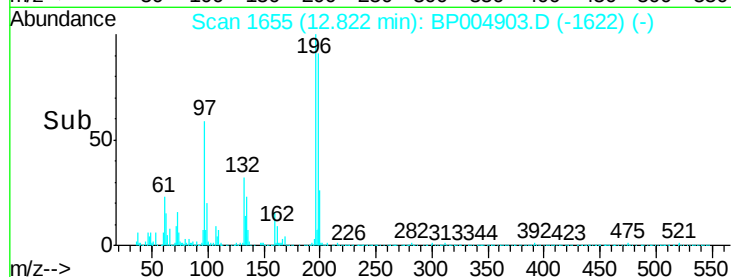
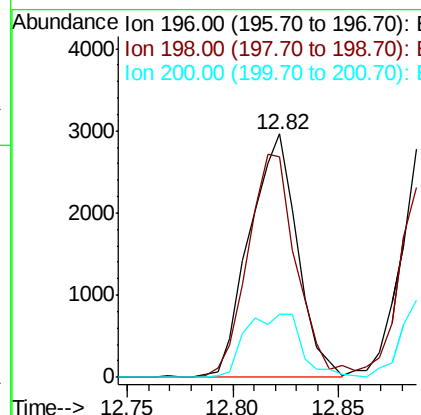
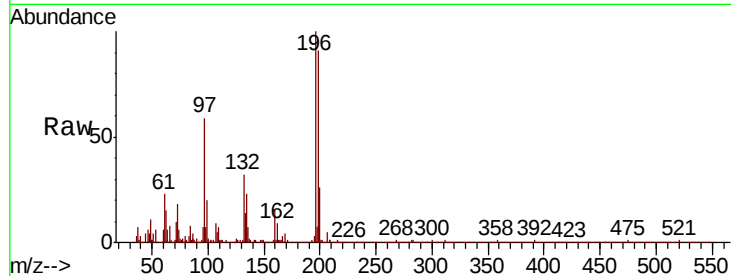
#39
 2,4,6-Trichlorophenol
 Concen: 3.498 ng/ul
 RT: 12.82 min Scan# 1655
 Delta R.T. -0.01 min
 Lab File: BP004903.D
 Acq: 03 Mar 2021 20:32

Instrument :
 BNA_P
 ClientSampleId :
 MDL-ME-SOIL-02

Tot Ion	Ratio	Lower	Upper
196	100		
198	90.6	78.0	117.0
200	26.5	23.8	35.8

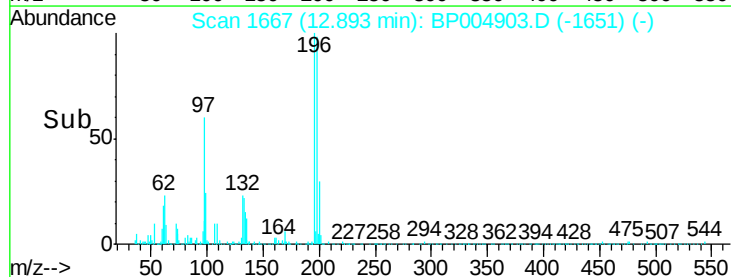
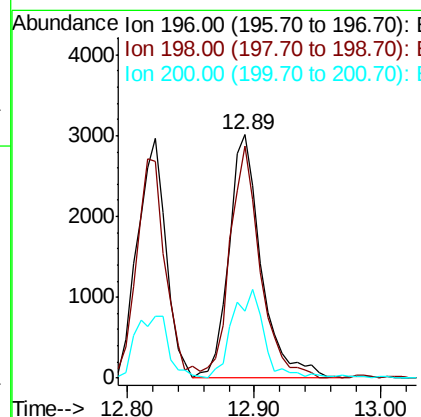
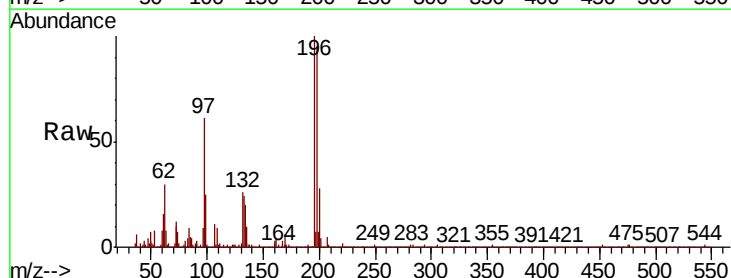
Manual Integrations
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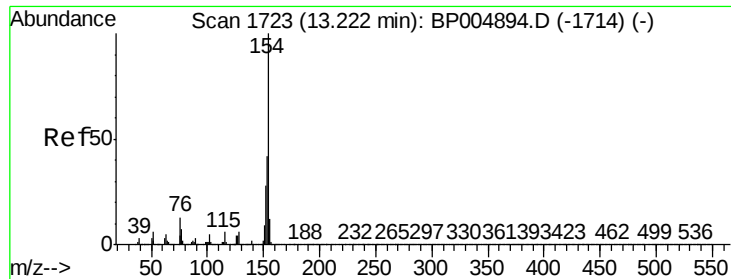
mohammad
 3/4/2021 11:33:45 AM



#40
 2,4,5-Trichlorophenol
 Concen: 3.693 ng/ul
 RT: 12.89 min Scan# 1667
 Delta R.T. -0.01 min
 Lab File: BP004903.D
 Acq: 03 Mar 2021 20:32

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.3	72.8	109.2
200	31.2	23.7	35.5





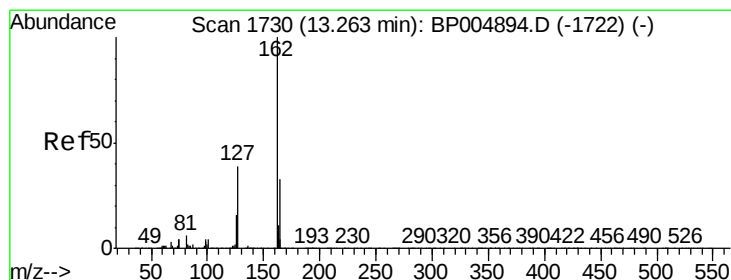
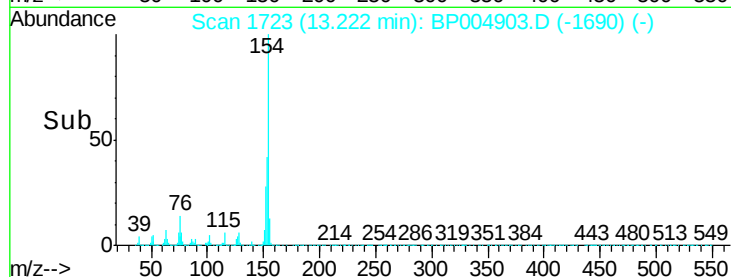
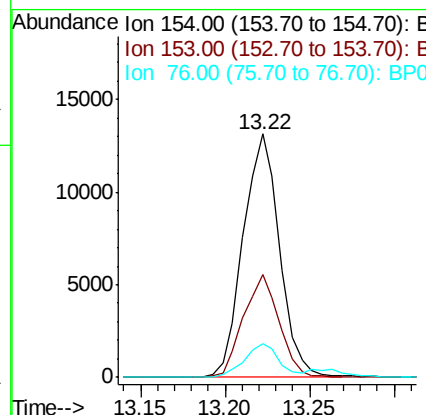
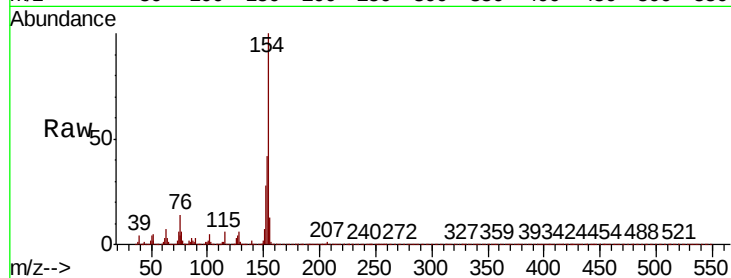
#41
1,1'-Biphenyl
Concen: 3.983 ng/ul
RT: 13.22 min Scan# 1723
Delta R.T. -0.01 min
Lab File: BP004903.D
Acq: 03 Mar 2021 20:32

Instrument :
BNA_P
ClientSampleId :
MDL-ME-SOIL-02

Tot Ion:	154	Resp:	19721
Ion Ratio	Lower	Upper	
154	100		
153	42.1	33.2	49.8
76	14.0	9.8	14.6

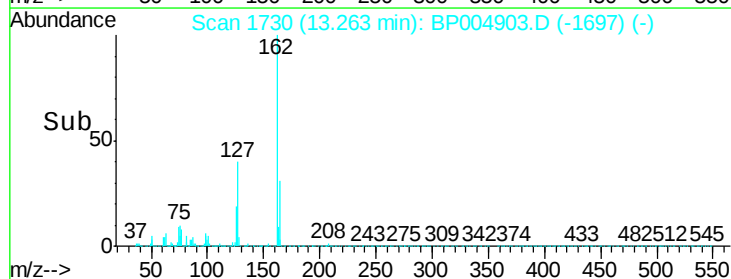
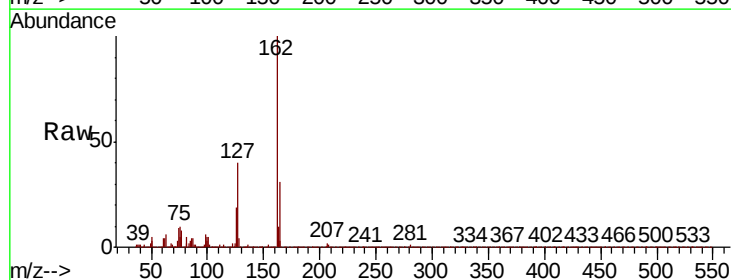
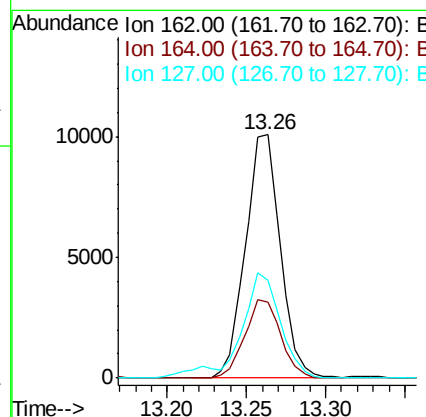
Manual Integrations
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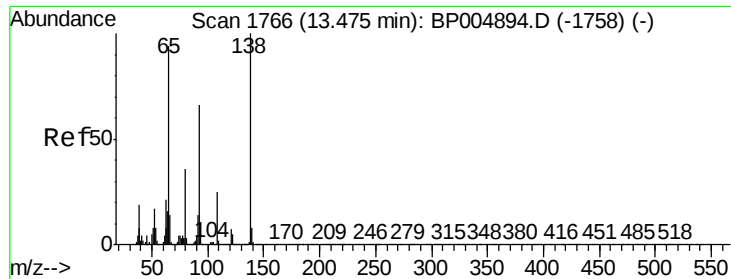
mohammad
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#42
2-Chloronaphthalene
Concen: 3.975 ng/ul
RT: 13.26 min Scan# 1730
Delta R.T. -0.01 min
Lab File: BP004903.D
Acq: 03 Mar 2021 20:32

Tgt Ion:	162	Resp:	15466
Ion Ratio	Lower	Upper	
162	100		
164	31.3	25.7	38.5
127	40.2	33.5	50.3





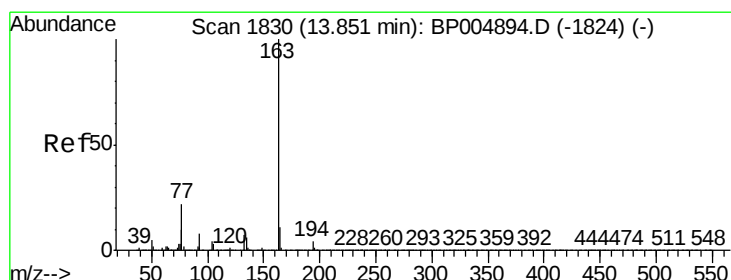
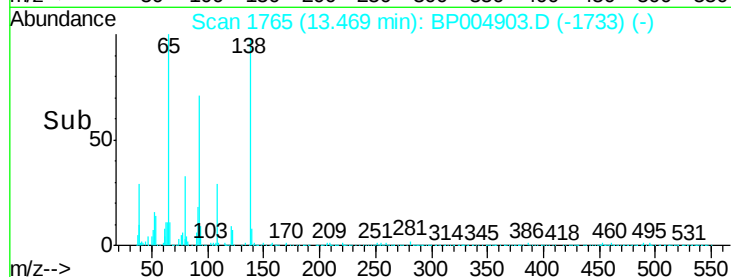
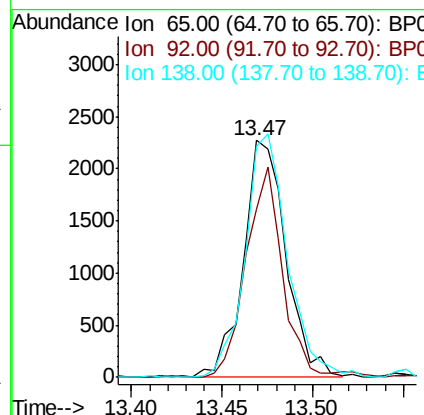
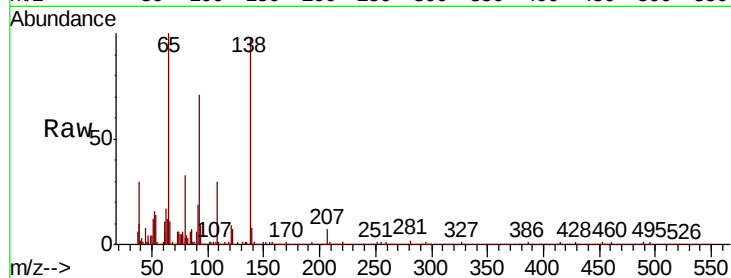
#43
2-Nitroaniline
Concen: 3.333 ng/ul
RT: 13.47 min Scan# 1765
Delta R.T. -0.01 min
Lab File: BP004903.D
Acq: 03 Mar 2021 20:32

Instrument :
BNA_P
ClientSampleId :
MDL-ME-SOIL-02

Tot Ion	Ratio	Lower	Upper
65	100		
92	71.2	55.3	82.9
138	97.6	79.0	118.6

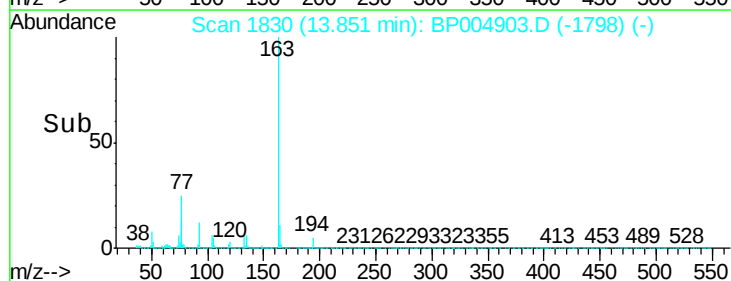
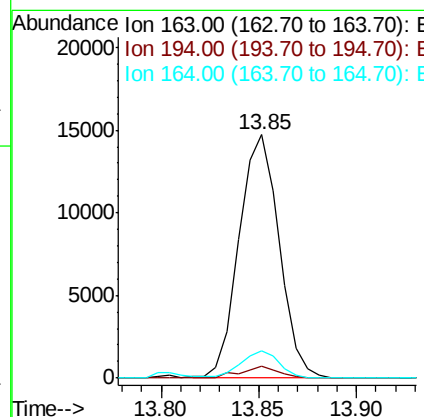
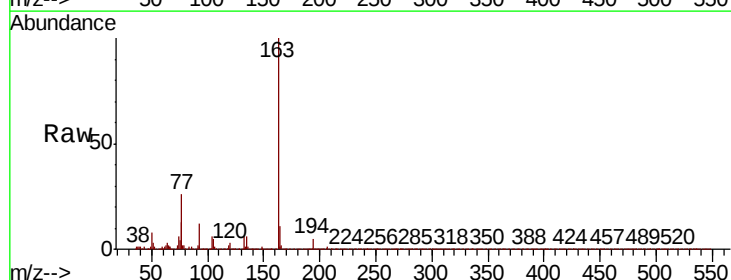
Manual Integrations
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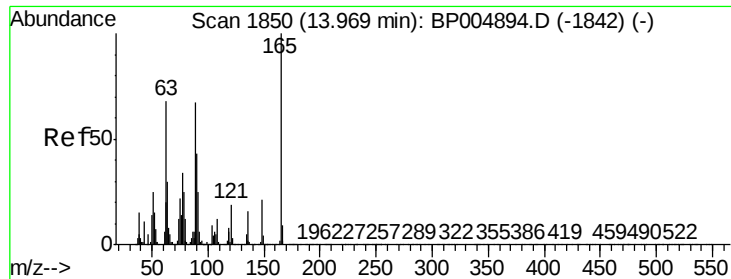
mohammad
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#45
Dimethylphthalate
Concen: 4.203 ng/ul
RT: 13.85 min Scan# 1830
Delta R.T. -0.01 min
Lab File: BP004903.D
Acq: 03 Mar 2021 20:32

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.9	3.8	5.6
164	11.5	7.8	11.8





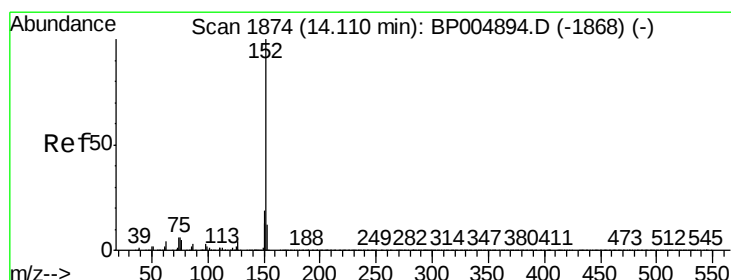
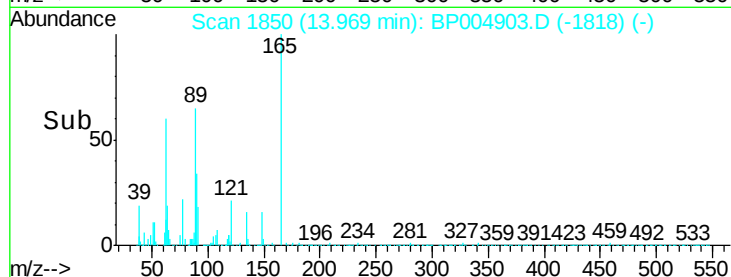
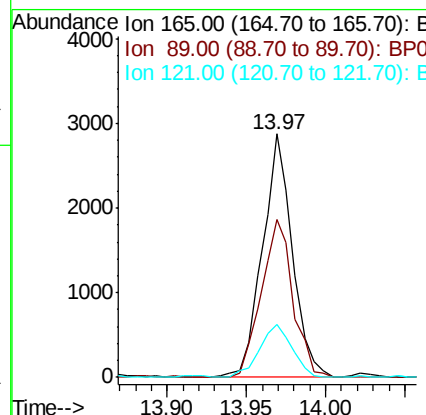
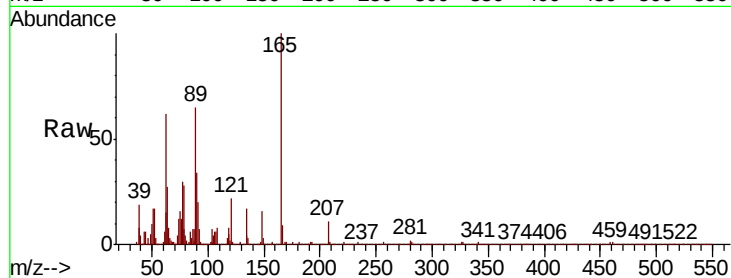
#46
2,6-Dinitrotoluene
Concen: 3.804 ng/ul
RT: 13.97 min Scan# 1850
Delta R.T. -0.01 min
Lab File: BP004903.D
Acq: 03 Mar 2021 20:32

Instrument :
BNA_P
ClientSampleId :
MDL-ME-SOIL-02

Tot Ion	Ratio	Lower	Upper
165	100		
89	64.7	54.3	81.5
121	21.7	18.2	27.2

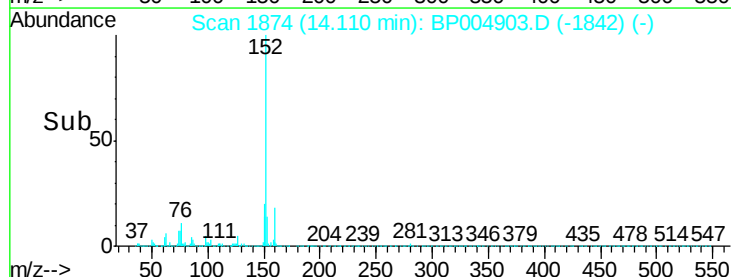
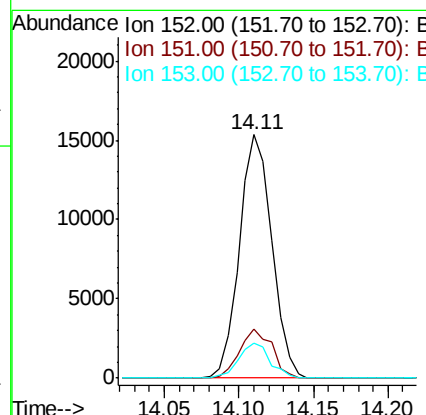
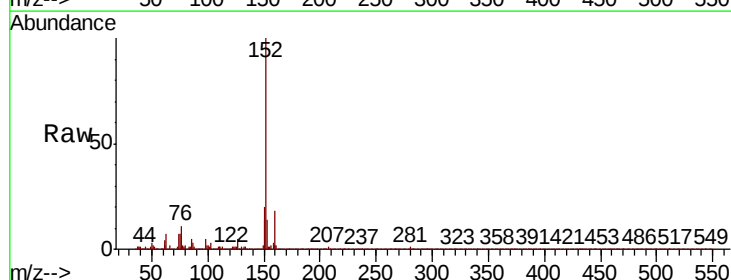
Manual Integrations
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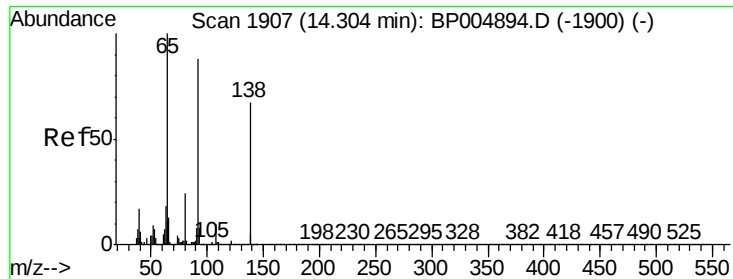
mohammad
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#48
Acenaphthylene
Concen: 4.098 ng/ul
RT: 14.11 min Scan# 1874
Delta R.T. -0.01 min
Lab File: BP004903.D
Acq: 03 Mar 2021 20:32

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.7	23.5
153	14.4	10.2	15.4





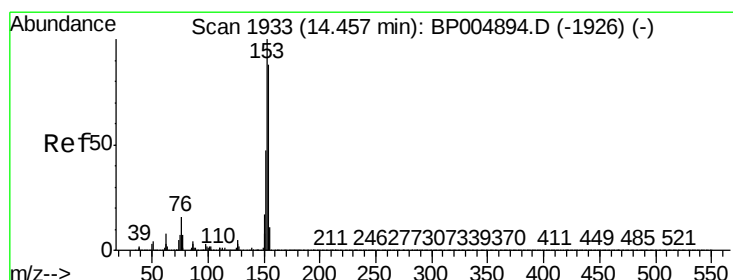
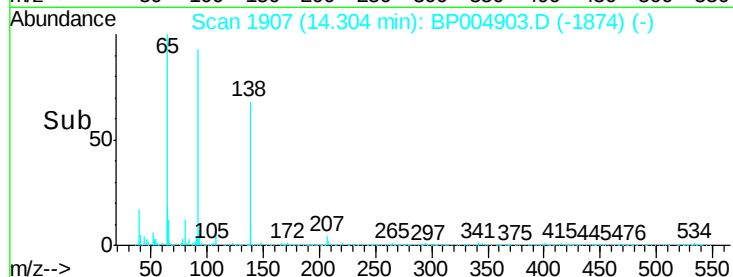
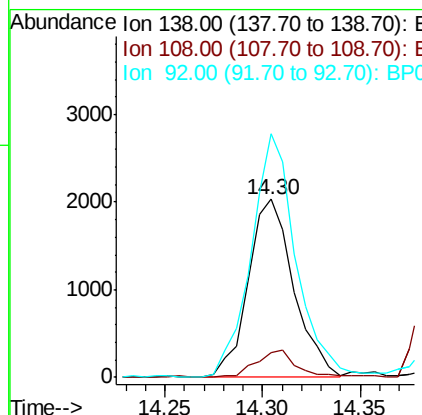
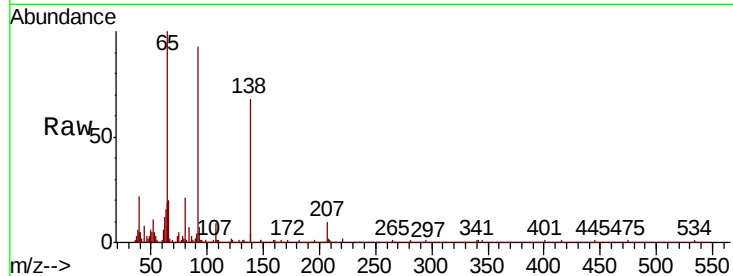
#49
3-Nitroaniline
Concen: 3.619 ng/ul
RT: 14.30 min Scan# 1907
Delta R.T. -0.01 min
Lab File: BP004903.D
Acq: 03 Mar 2021 20:32

Instrument :
BNA_P
ClientSampleId :
MDL-ME-SOIL-02

Tot Ion	Ratio	Lower	Upper
138	100		
108	13.6	10.1	15.1
92	136.7	99.7	149.5

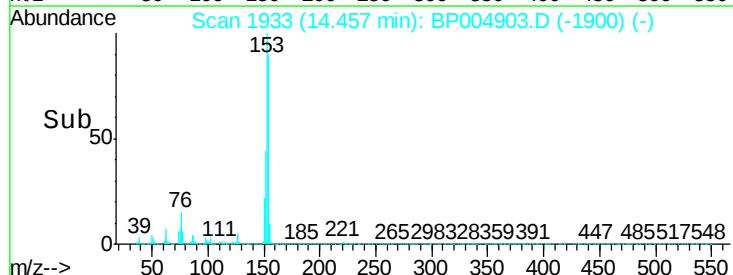
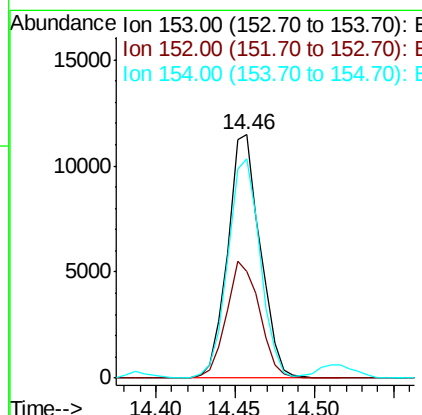
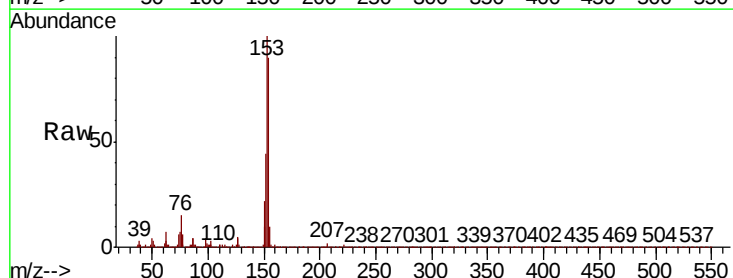
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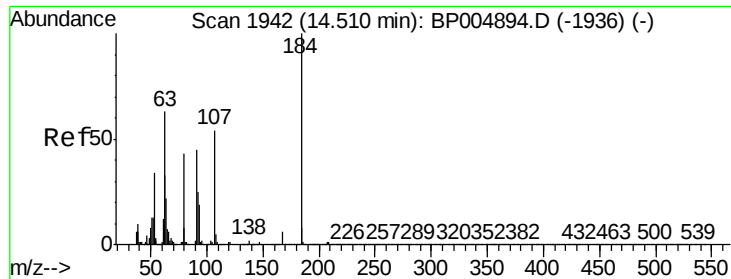
mohammad
3/4/2021 11:33:45 AM



#50
Acenaphthene
Concen: 3.965 ng/ul
RT: 14.46 min Scan# 1933
Delta R.T. -0.01 min
Lab File: BP004903.D
Acq: 03 Mar 2021 20:32

Tgt Ion	Ratio	Lower	Upper
153	100		
152	43.9	38.7	58.1
154	90.3	72.2	108.2





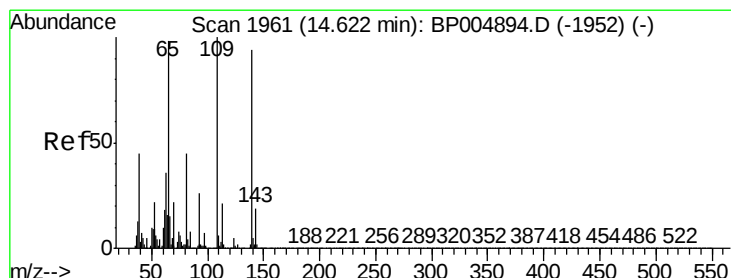
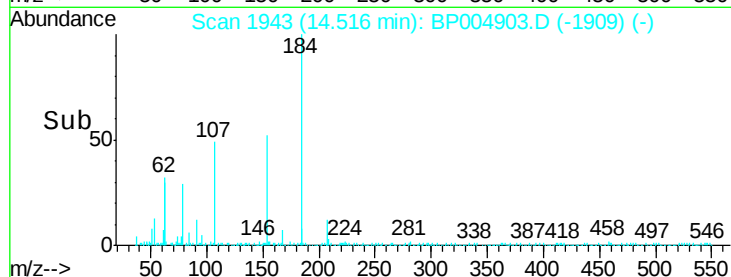
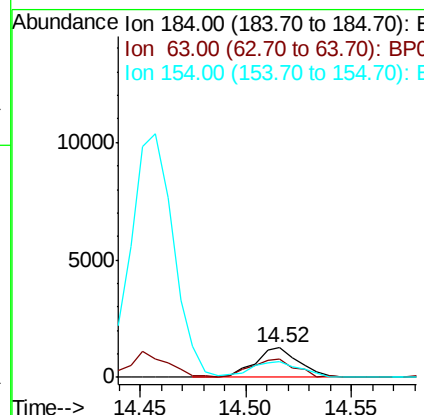
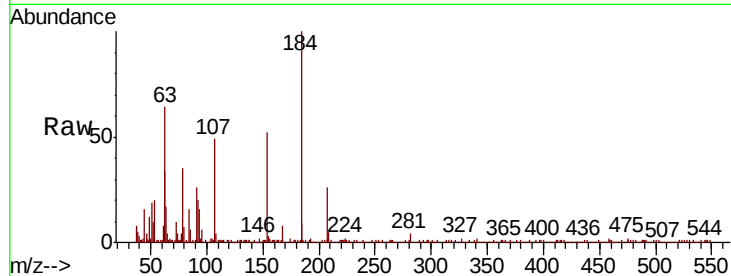
#51
2,4-Dinitrophenol
Concen: 2.882 ng/ul
RT: 14.52 min Scan# 1943
Delta R.T. 0.00 min
Lab File: BP004903.D
Acq: 03 Mar 2021 20:32

Instrument :
BNA_P
ClientSampleId :
MDL-ME-SOIL-02

Tot Ion	Ratio	Resp	Lower	Upper
184	100	1843		
63	63.9	58.3	87.5	
154	51.9	52.0	78.0	

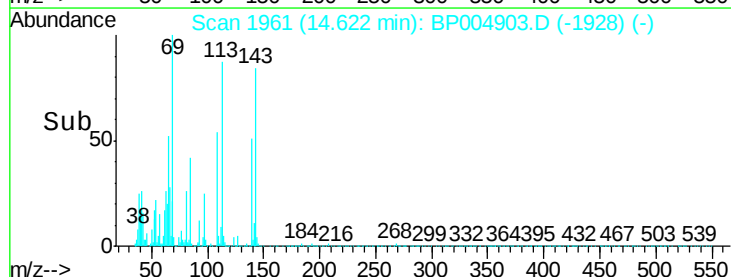
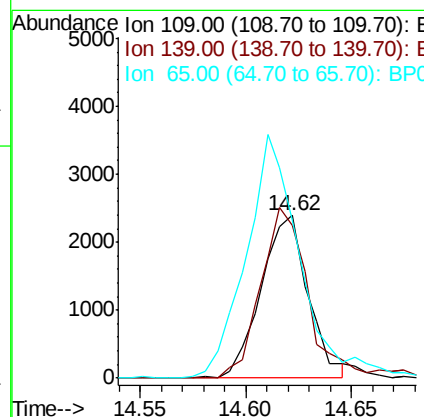
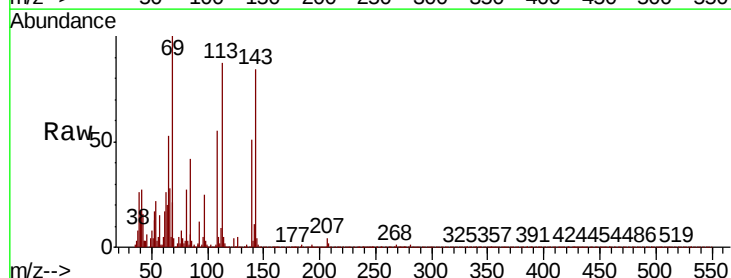
Manual Integrations
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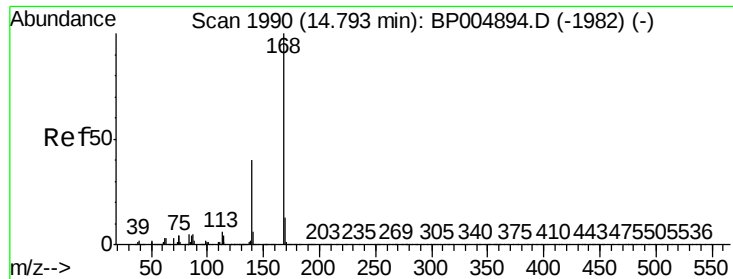
mohammad
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#53
4-Nitrophenol
Concen: 3.946 ng/ul
RT: 14.62 min Scan# 1961
Delta R.T. -0.01 min
Lab File: BP004903.D
Acq: 03 Mar 2021 20:32

Tgt Ion	Ratio	Resp	Lower	Upper
109	100	3707		
139	93.7	77.6	116.4	
65	97.0	85.5	128.3	





#54

Dibenzofuran

Concen: 4.157 ng/ul

RT: 14.79 min Scan# 1990

Delta R.T. -0.01 min

Lab File: BP004903.D

Acq: 03 Mar 2021 20:32

Instrument :

BNA_P

ClientSampleId :

MDL-ME-SOIL-02

Tot Ion:168 Resp: 24770

Ion Ratio Lower Upper

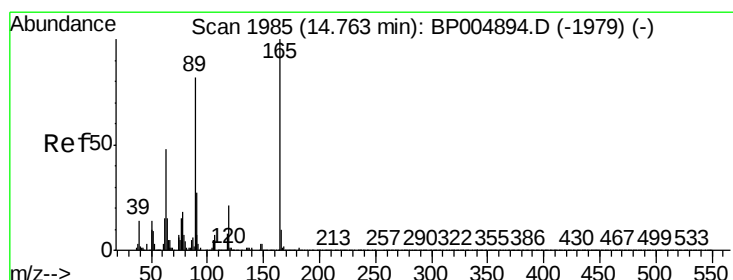
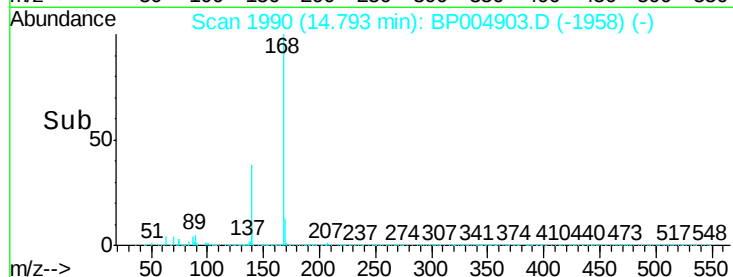
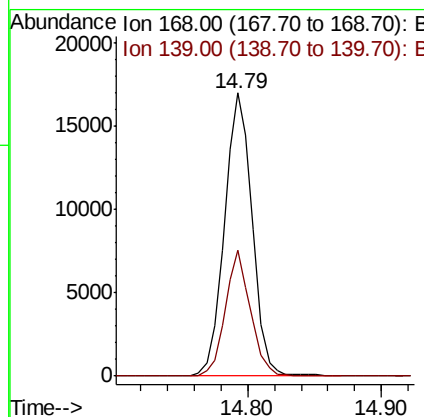
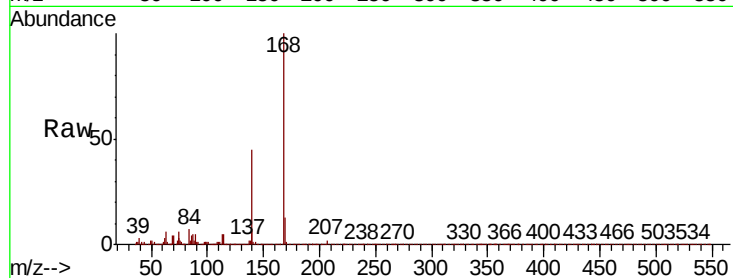
168 100

139 44.5 32.6 48.8

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#55

2,4-Dinitrotoluene

Concen: 3.589 ng/ul

RT: 14.76 min Scan# 1985

Delta R.T. -0.01 min

Lab File: BP004903.D

Acq: 03 Mar 2021 20:32

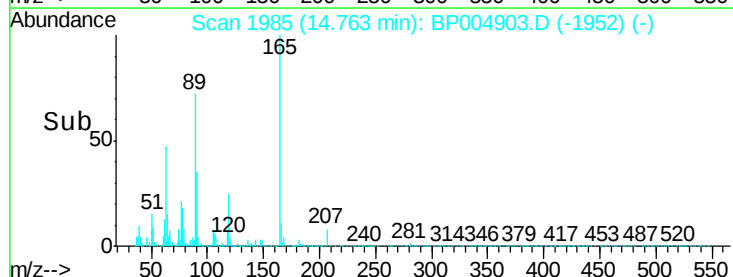
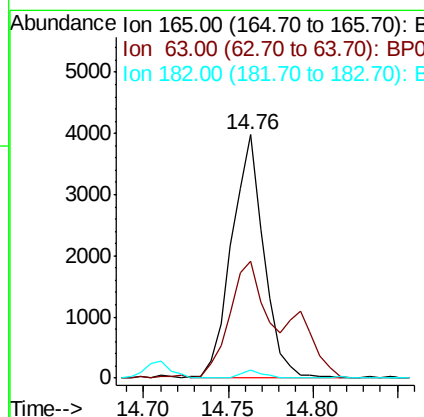
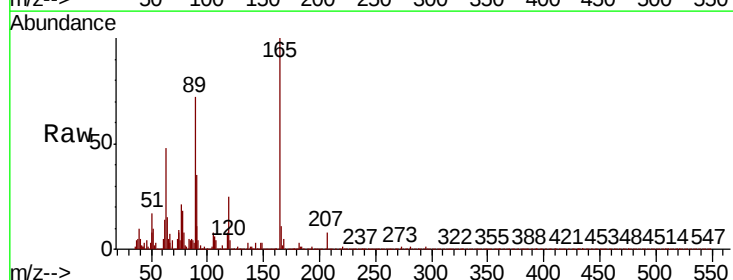
Tgt Ion:165 Resp: 5258

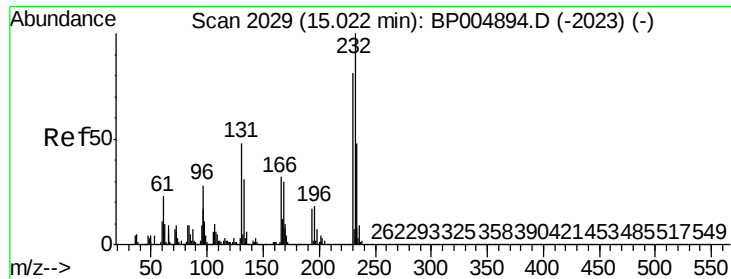
Ion Ratio Lower Upper

165 100

63 47.8 42.2 63.2

182 3.3 3.0 4.4





#56

2,3,4,6-Tetrachlorophenol

Concen: 3.919 ng/ul

RT: 15.02 min Scan# 2029

Delta R.T. -0.01 min

Lab File: BP004903.D

Acq: 03 Mar 2021 20:32

Instrument :

BNA_P

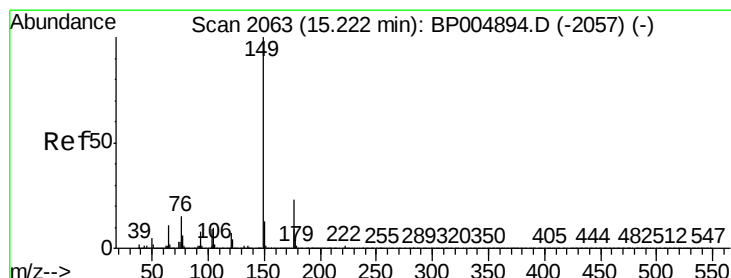
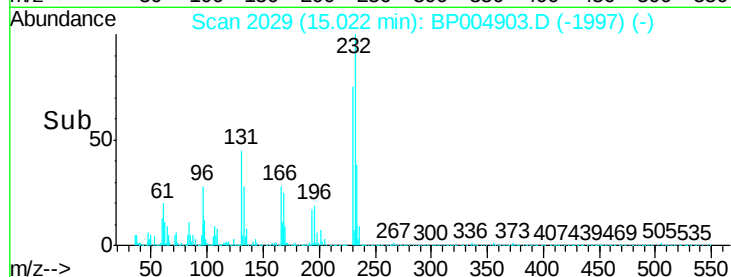
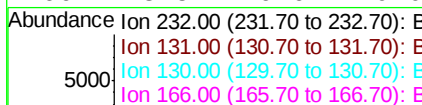
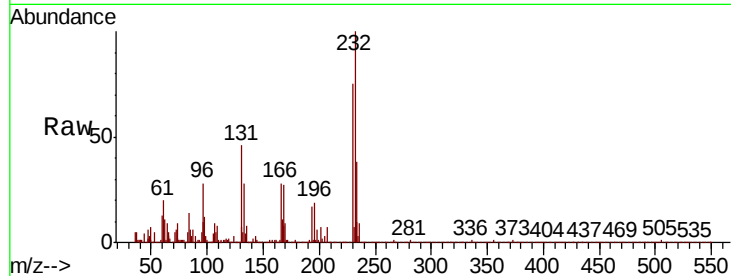
ClientSampleId :

MDL-ME-SOIL-02

Tot Ion	Ratio	Lower	Upper
232	100		
131	45.6	38.2	57.4
130	6.7	2.5	3.7#
166	28.5	26.6	40.0

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#57

Diethylphthalate

Concen: 4.231 ng/ul m

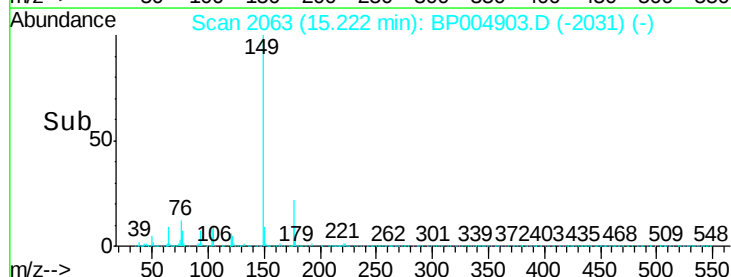
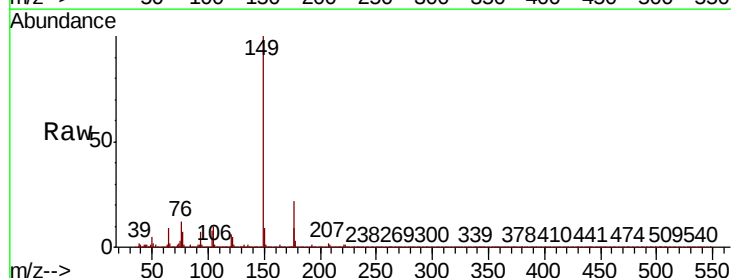
RT: 15.22 min Scan# 2063

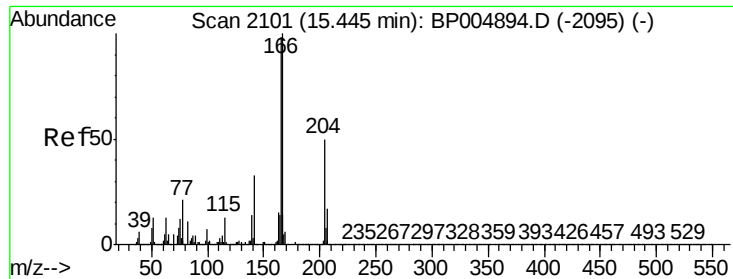
Delta R.T. -0.01 min

Lab File: BP004903.D

Acq: 03 Mar 2021 20:32

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.0	18.4	27.6
150	8.8	10.7	16.1#





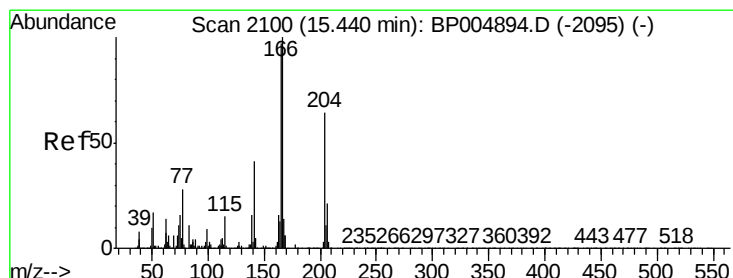
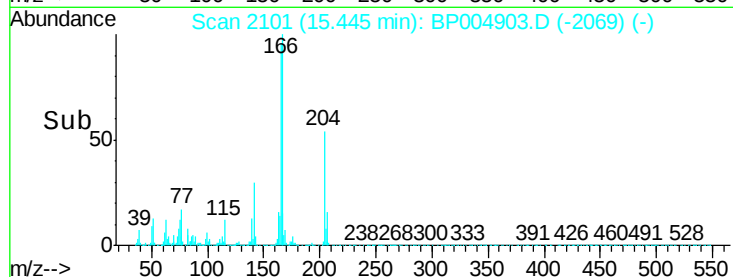
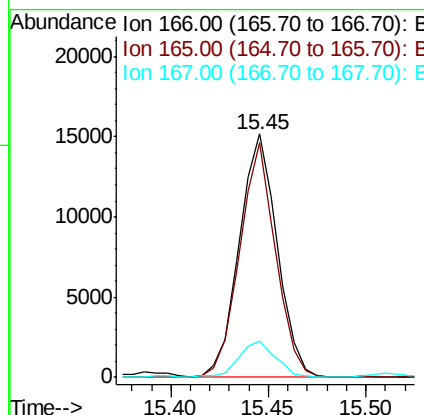
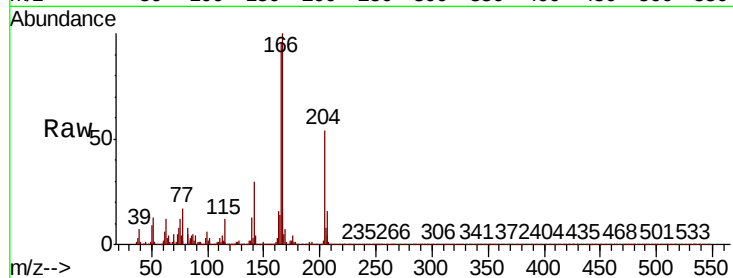
#59
Fluorene
 Concen: 4.107 ng/ul
 RT: 15.45 min Scan# 2101
 Delta R.T. -0.01 min
 Lab File: BP004903.D
 Acq: 03 Mar 2021 20:32

Instrument :
 BNA_P
 ClientSampleId :
 MDL-ME-SOIL-02

Tot Ion	Ratio	Lower	Upper
166	100		
165	96.3	75.2	112.8
167	14.9	10.8	16.2

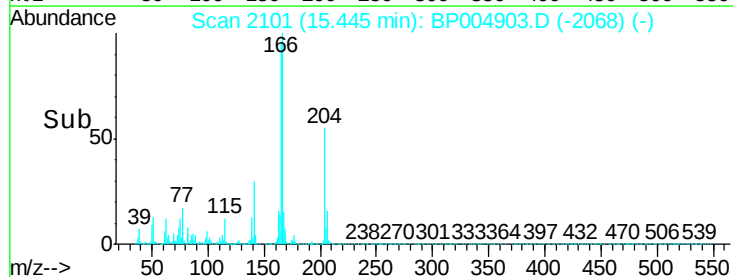
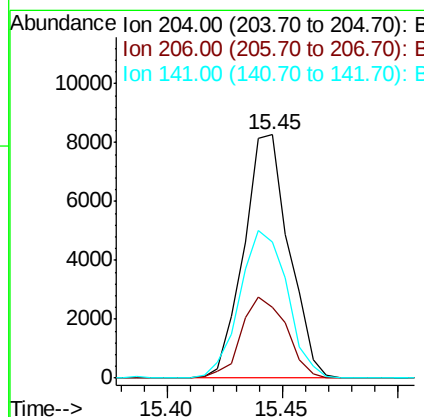
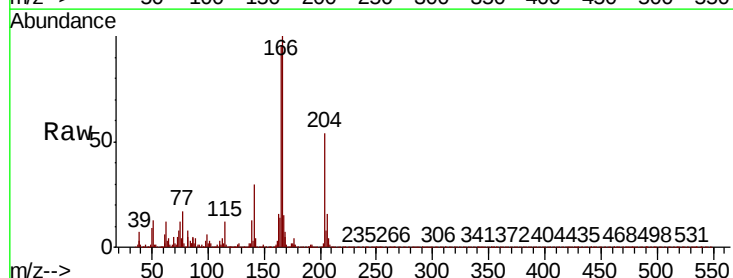
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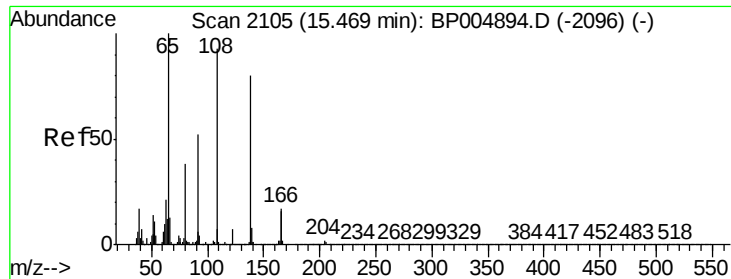
mohammad
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#60
4-Chlorophenyl-phenylether
 Concen: 4.325 ng/ul
 RT: 15.45 min Scan# 2101
 Delta R.T. -0.01 min
 Lab File: BP004903.D
 Acq: 03 Mar 2021 20:32

Tgt Ion	Ratio	Lower	Upper
204	100		
206	28.9	26.3	39.5
141	55.7	48.2	72.2





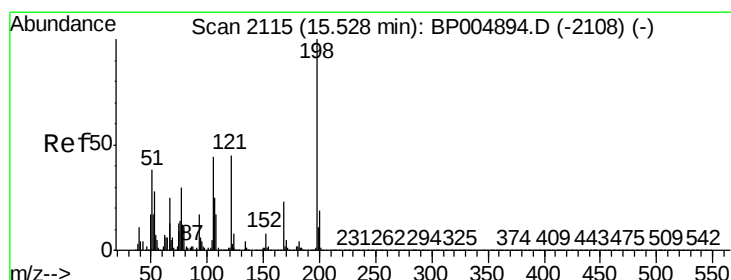
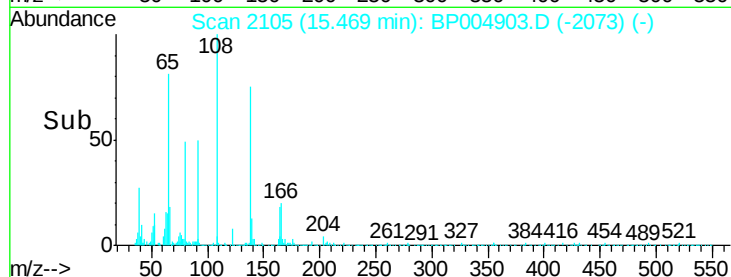
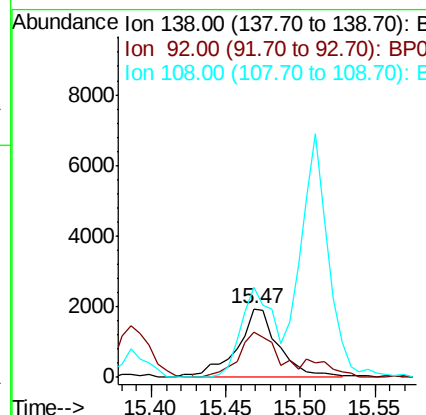
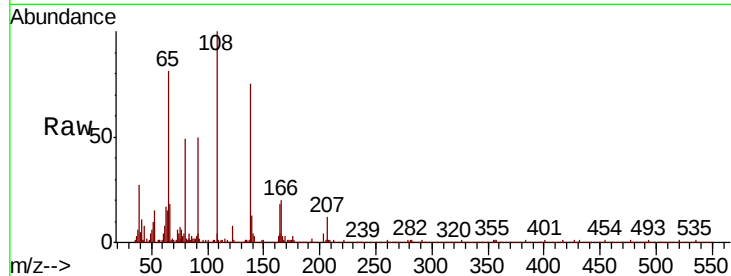
#61
4-Nitroaniline
Concen: 3.559 ng/ul
RT: 15.47 min Scan# 2105
Delta R.T. -0.01 min
Lab File: BP004903.D
Acq: 03 Mar 2021 20:32

Instrument :
BNA_P
ClientSampleId :
MDL-ME-SOIL-02

Tot Ion	Ratio	Lower	Upper
138	100		
92	65.8	46.1	69.1
108	132.6	94.0	141.0

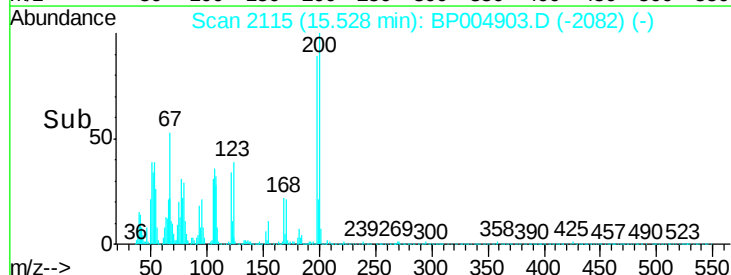
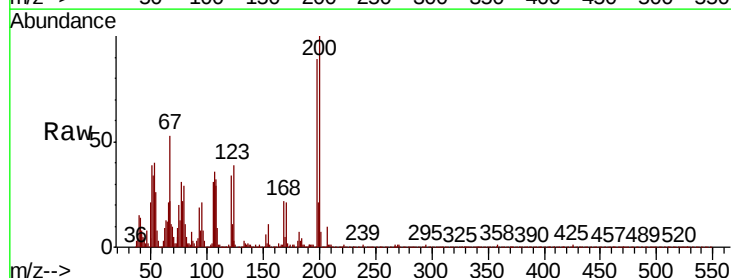
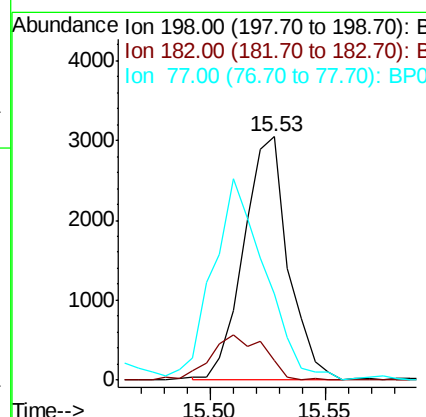
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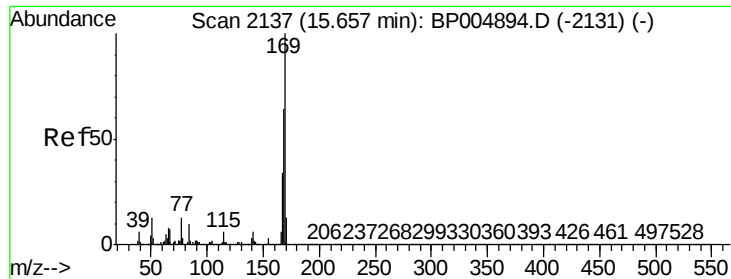
mohammad
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#64
4,6-Dinitro-2-methylphenol
Concen: 4.085 ng/ul
RT: 15.53 min Scan# 2115
Delta R.T. -0.01 min
Lab File: BP004903.D
Acq: 03 Mar 2021 20:32

Tgt Ion	Ratio	Lower	Upper
198	100		
182	7.8	4.0	6.0#
77	35.3	23.9	35.9





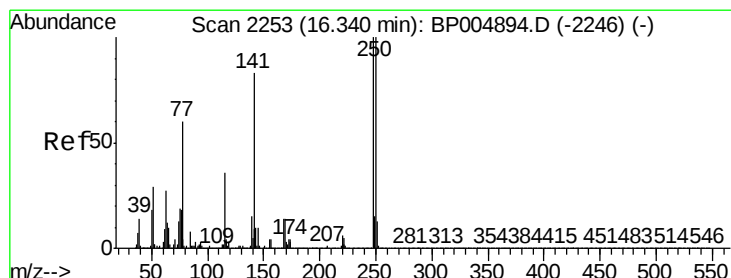
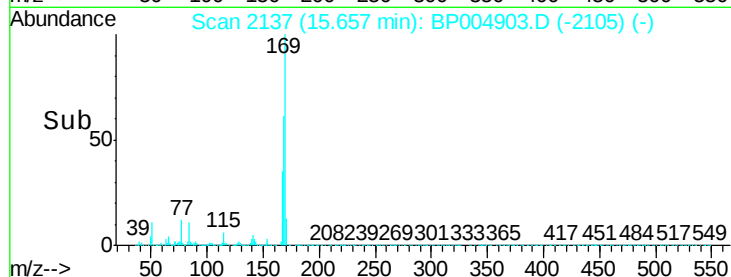
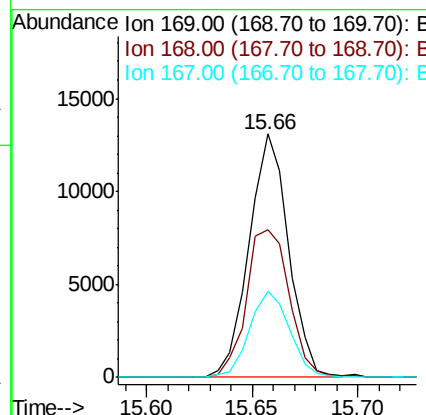
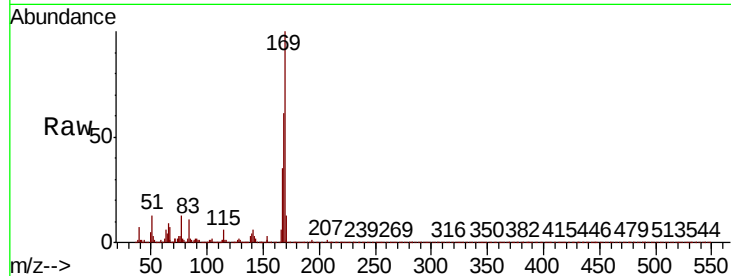
#65
N-Nitrosodiphenylamine
Concen: 3.804 ng/ul
RT: 15.66 min Scan# 2137
Delta R.T. -0.01 min
Lab File: BP004903.D
Acq: 03 Mar 2021 20:32

Instrument :
BNA_P
ClientSampleId :
MDL-ME-SOIL-02

Tot Ion	Ratio	Lower	Upper
169	100		
168	60.6	54.1	81.1
167	35.2	29.0	43.4

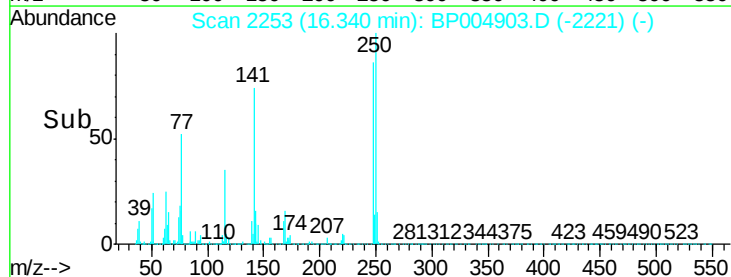
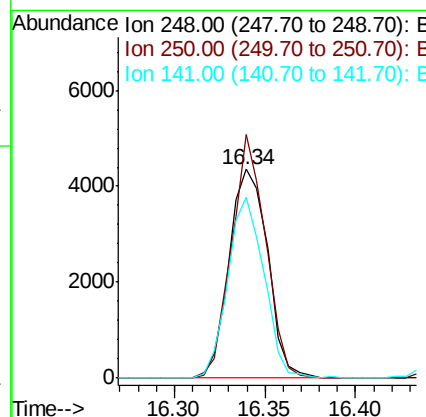
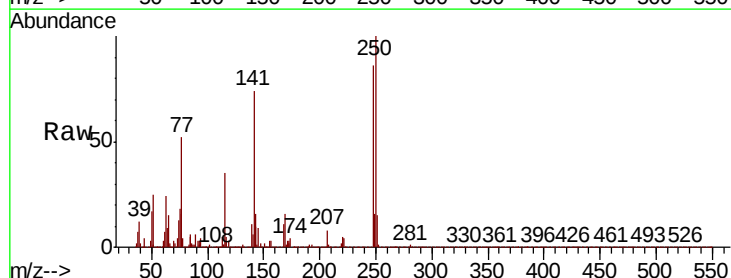
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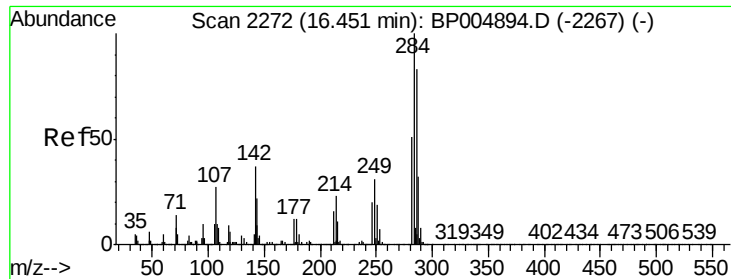
mohammad
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#66
4-Bromophenyl-phenylether
Concen: 3.982 ng/ul
RT: 16.34 min Scan# 2253
Delta R.T. -0.01 min
Lab File: BP004903.D
Acq: 03 Mar 2021 20:32

Tgt Ion	Ratio	Lower	Upper
248	100		
250	116.5	76.1	114.1#
141	86.4	69.9	104.9





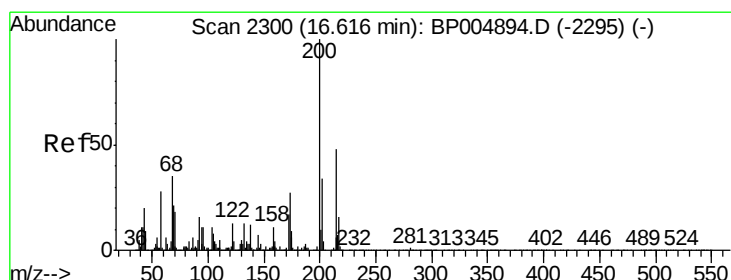
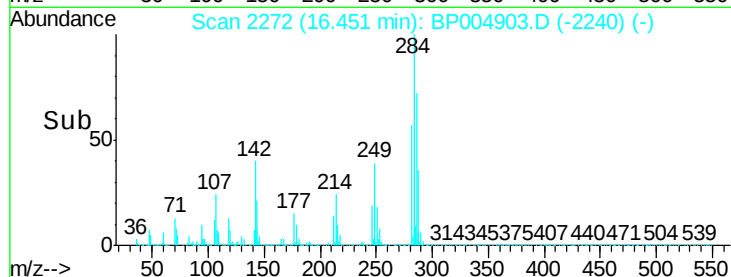
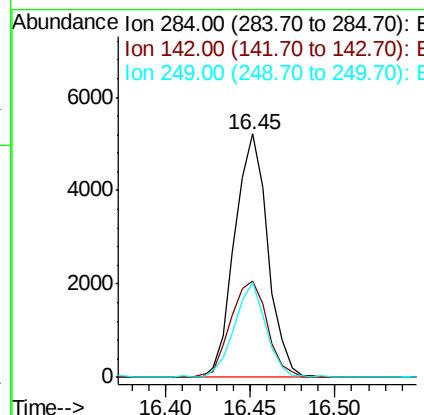
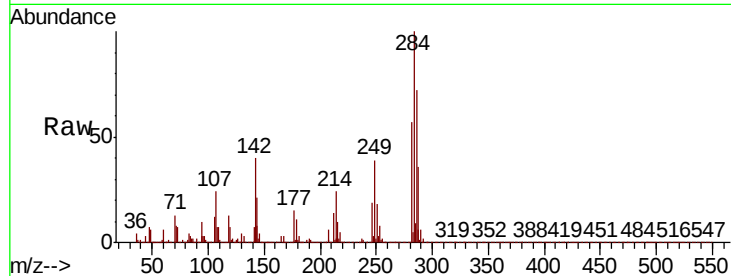
#67
Hexachlorobenzene
Concen: 3.861 ng/ul
RT: 16.45 min Scan# 2272
Delta R.T. -0.01 min
Lab File: BP004903.D
Acq: 03 Mar 2021 20:32

Instrument :
BNA_P
ClientSampleId :
MDL-ME-SOIL-02

Tot Ion	Ratio	Lower	Upper
284	100		
142	39.8	33.6	50.4
249	39.1	25.0	37.4

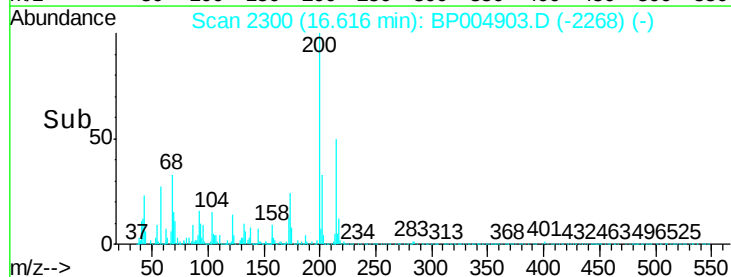
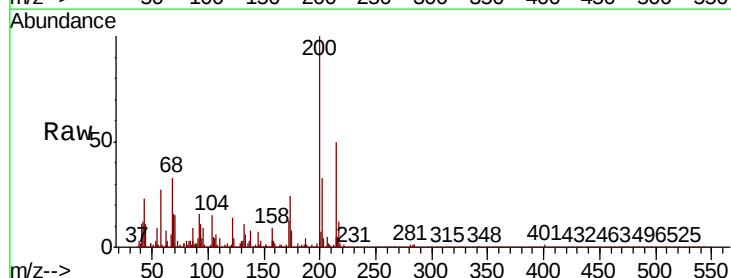
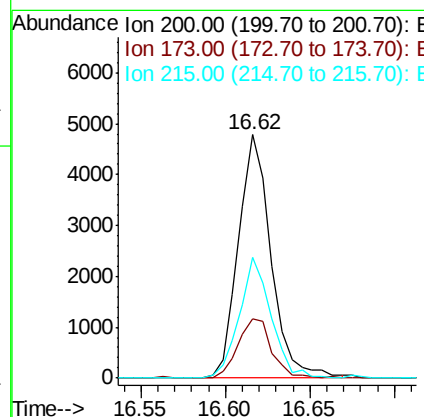
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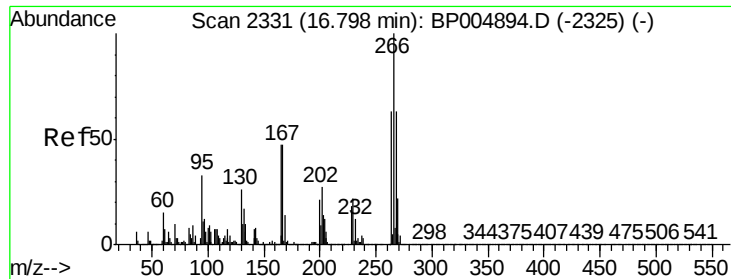
mohammad
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#68
Atrazine
Concen: 3.676 ng/ul
RT: 16.62 min Scan# 2300
Delta R.T. -0.01 min
Lab File: BP004903.D
Acq: 03 Mar 2021 20:32

Tgt Ion	Ratio	Lower	Upper
200	100		
173	24.3	21.2	31.8
215	49.6	38.3	57.5





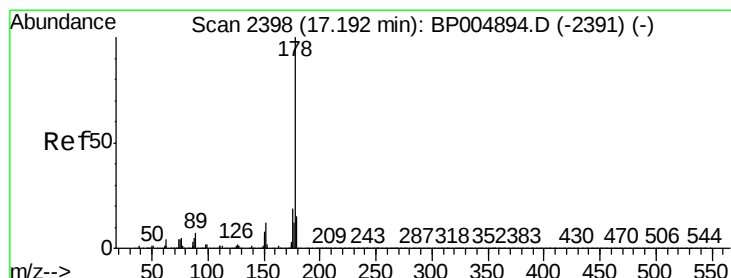
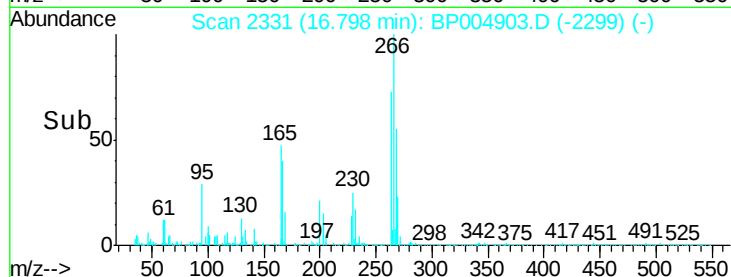
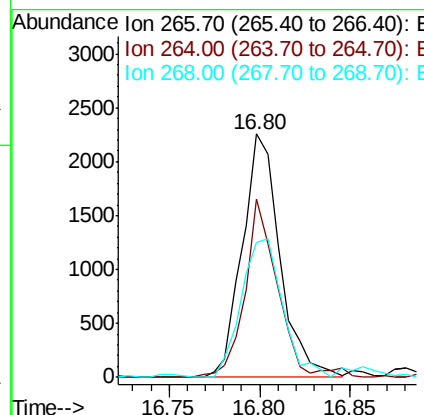
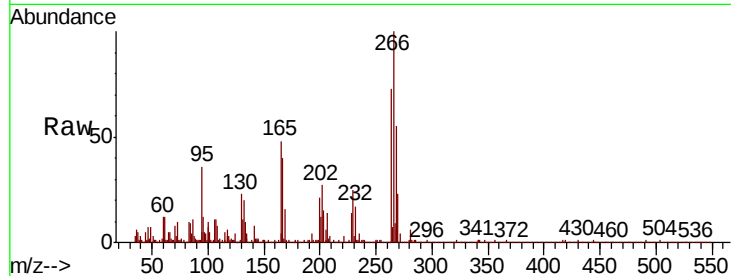
#69
 Pentachlorophenol
 Concen: 2.887 ng/ul
 RT: 16.80 min Scan# 2331
 Delta R.T. -0.01 min
 Lab File: BP004903.D
 Acq: 03 Mar 2021 20:32

Instrument :
 BNA_P
 ClientSampleId :
 MDL-ME-SOIL-02

Tot Ion:	266	Resp:	3271
Ion Ratio	Lower	Upper	
266	100		
264	73.2	49.6	74.4
268	61.2	52.6	78.8

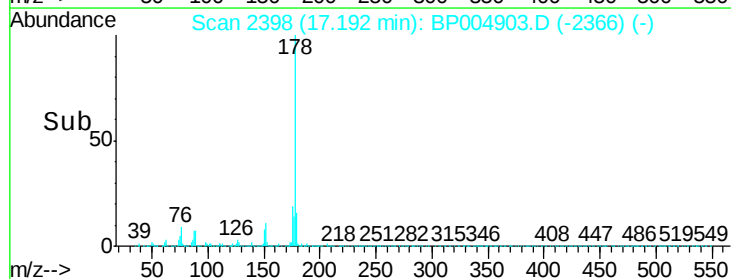
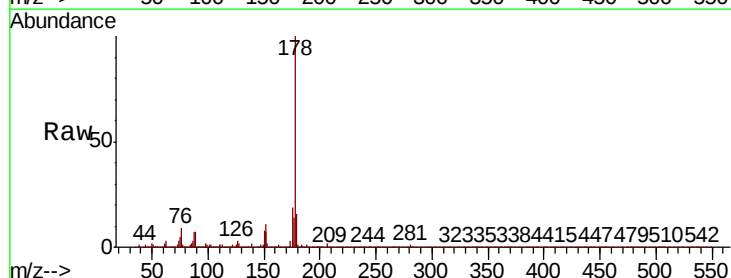
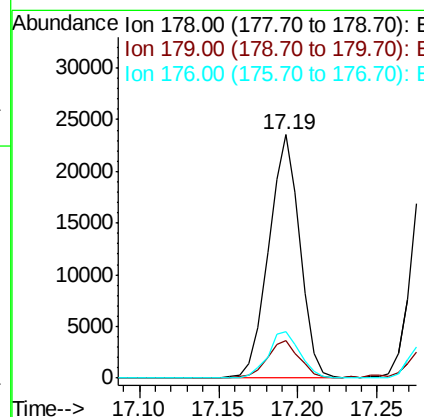
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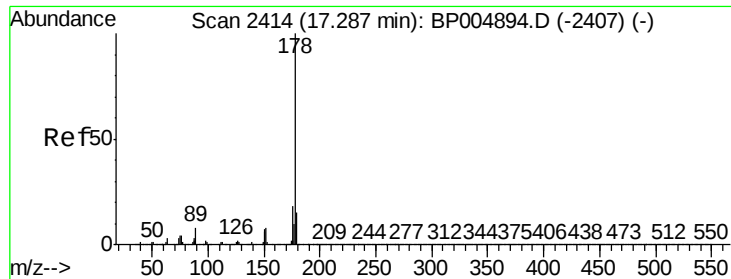
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#70
 Phenanthrene
 Concen: 3.888 ng/ul
 RT: 17.19 min Scan# 2398
 Delta R.T. -0.01 min
 Lab File: BP004903.D
 Acq: 03 Mar 2021 20:32

Tgt Ion:	178	Resp:	32174
Ion Ratio	Lower	Upper	
178	100		
179	15.7	12.6	18.8
176	19.2	14.6	21.8





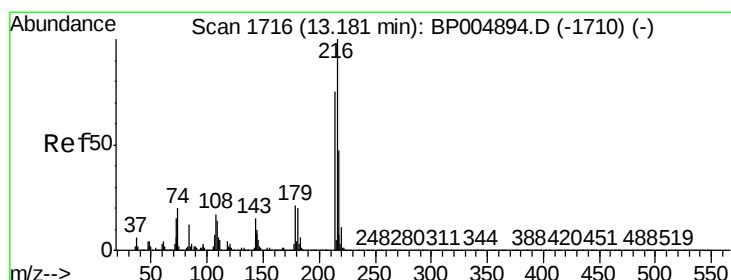
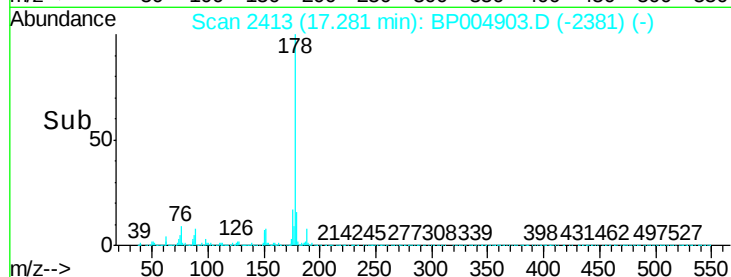
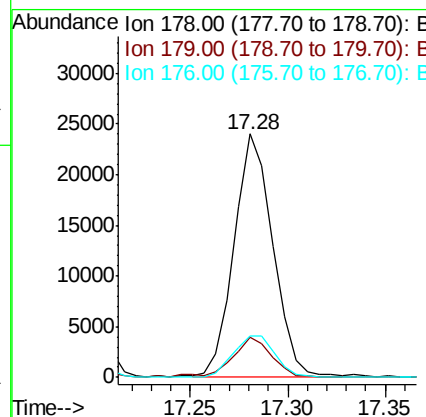
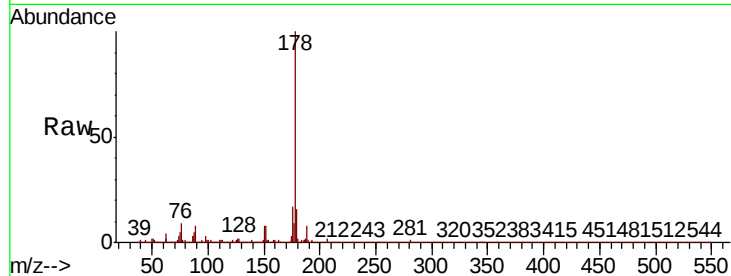
#72
 Anthracene
 Concen: 3.925 ng/ul
 RT: 17.28 min Scan# 2413
 Delta R.T. -0.01 min
 Lab File: BP004903.D
 Acq: 03 Mar 2021 20:32

Instrument :
 BNA_P
 ClientSampleId :
 MDL-ME-SOIL-02

Tot Ion	Ratio	Lower	Upper
178	100		
179	16.4	11.8	17.8
176	16.9	14.3	21.5

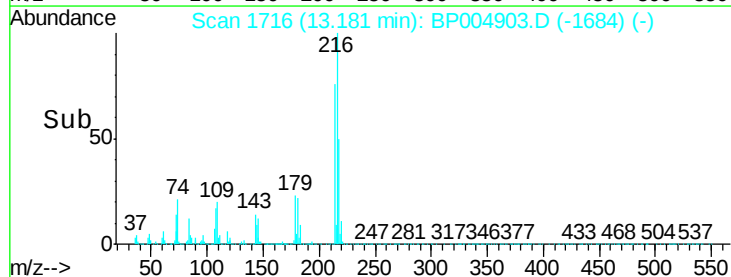
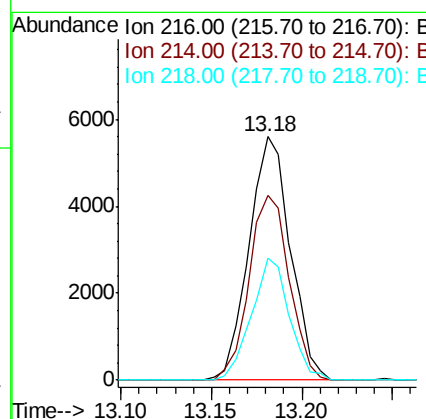
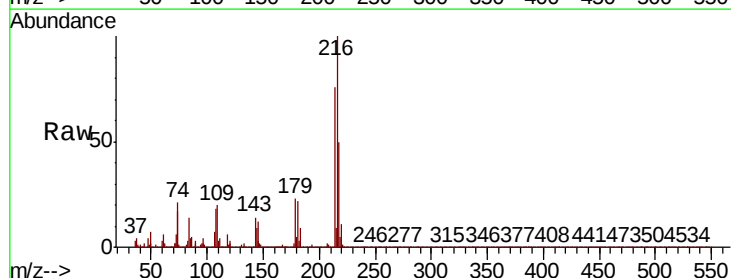
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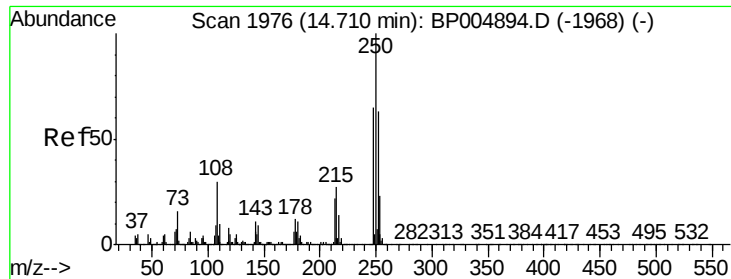
mohammad
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#73
 1,2,3,4-Tetrachlorobenzene
 Concen: 3.921 ng/uL
 RT: 13.18 min Scan# 1716
 Delta R.T. -0.01 min
 Lab File: BP004903.D
 Acq: 03 Mar 2021 20:32

Tgt Ion	Ratio	Lower	Upper
216	100		
214	76.1	60.6	90.8
218	49.9	36.6	55.0





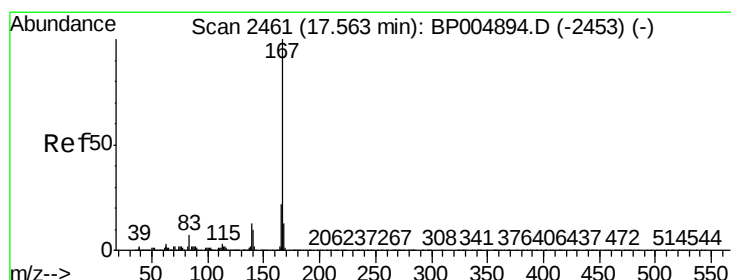
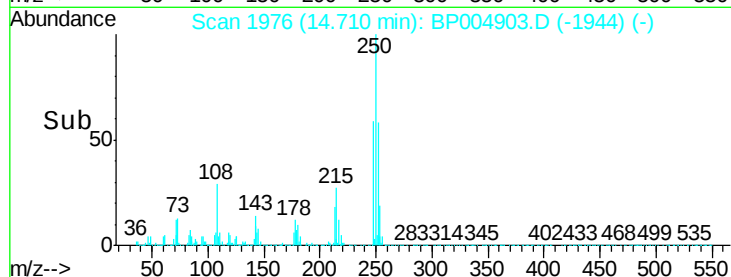
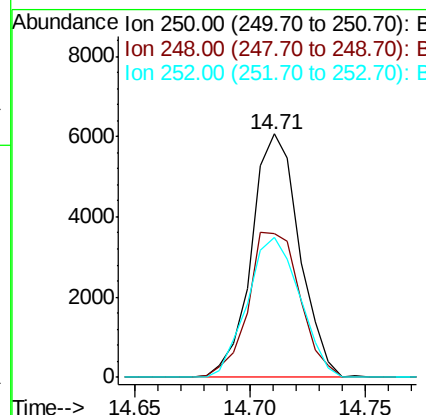
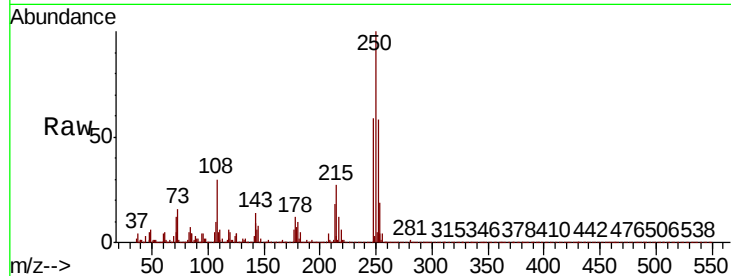
#74
Pentachlorobenzene
Concen: 3.971 ng/uL
RT: 14.71 min Scan# 1976
Delta R.T. -0.01 min
Lab File: BP004903.D
Acq: 03 Mar 2021 20:32

Instrument :
BNA_P
ClientSampleId :
MDL-ME-SOIL-02

Tot Ion	Ratio	Lower	Upper
250	100		
248	61.9	50.5	75.7
252	57.7	49.5	74.3

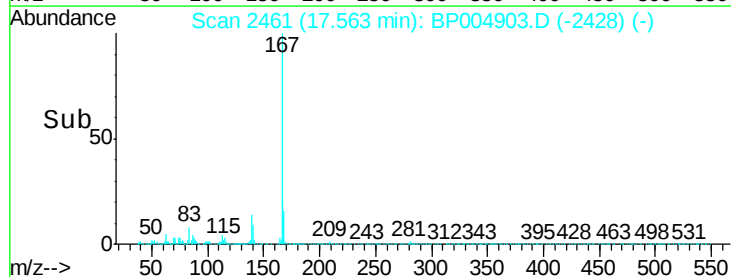
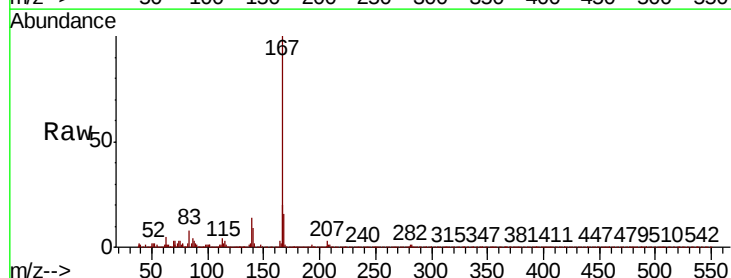
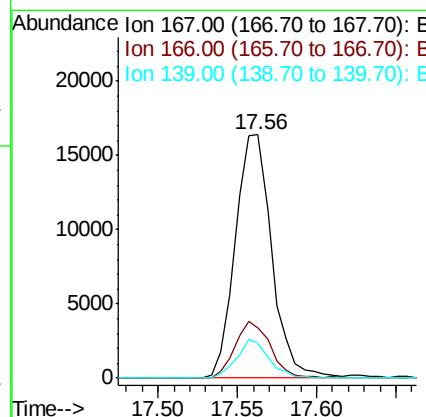
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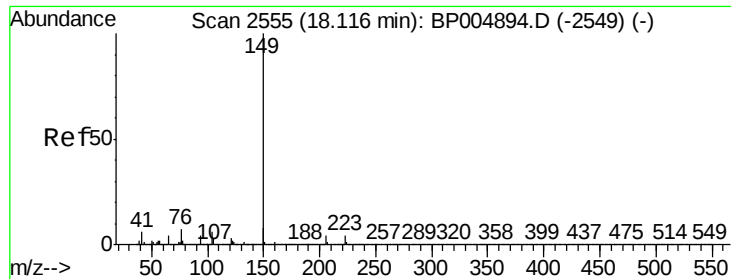
mohammad
3/4/2021 11:33:45 AM



#75
Carbazole
Concen: 3.526 ng/uL
RT: 17.56 min Scan# 2461
Delta R.T. -0.01 min
Lab File: BP004903.D
Acq: 03 Mar 2021 20:32

Tgt Ion	Ratio	Lower	Upper
167	100		
166	20.5	17.5	26.3
139	14.3	10.9	16.3





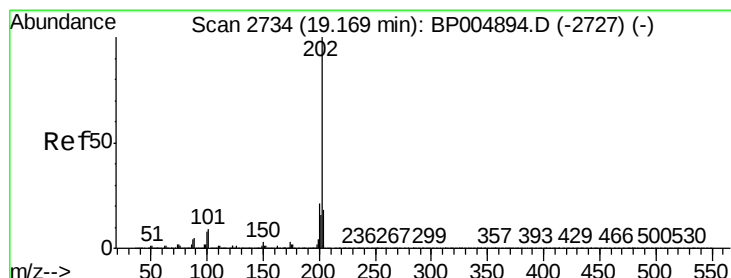
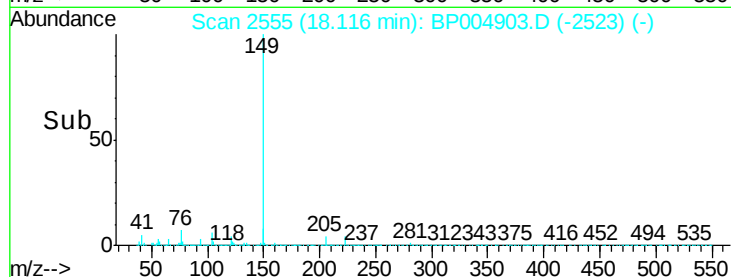
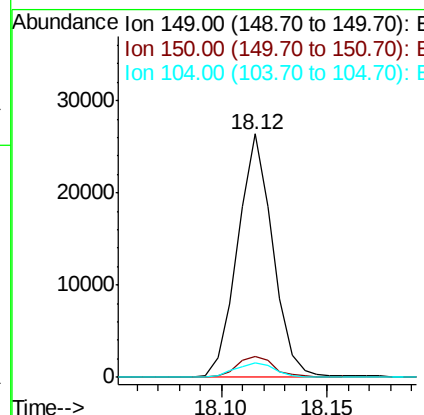
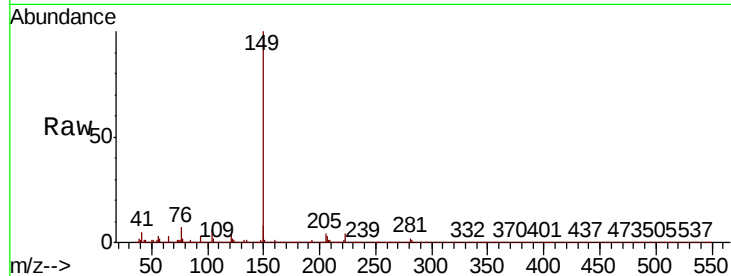
#76
Di-n-butylphthalate
Concen: 3.439 ng/ul
RT: 18.12 min Scan# 2555
Delta R.T. -0.01 min
Lab File: BP004903.D
Acq: 03 Mar 2021 20:32

Instrument :
BNA_P
ClientSampleId :
MDL-ME-SOIL-02

Tot Ion	Ratio	Lower	Upper
149	100		
150	8.4	7.0	10.4
104	6.0	5.0	7.6

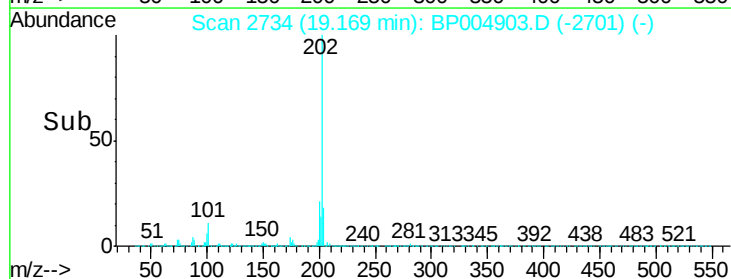
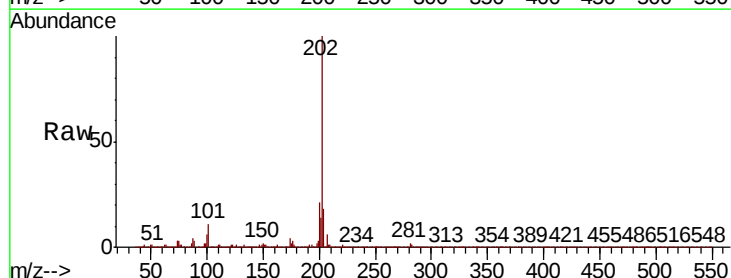
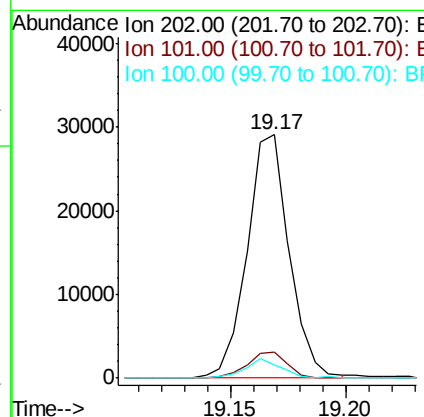
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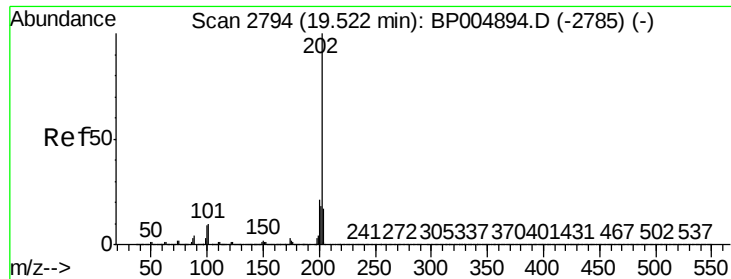
mohammad
3/4/2021 11:33:45 AM



#77
Fluoranthene
Concen: 3.727 ng/ul
RT: 19.17 min Scan# 2734
Delta R.T. -0.01 min
Lab File: BP004903.D
Acq: 03 Mar 2021 20:32

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.7	7.5	11.3
100	5.5	5.9	8.9





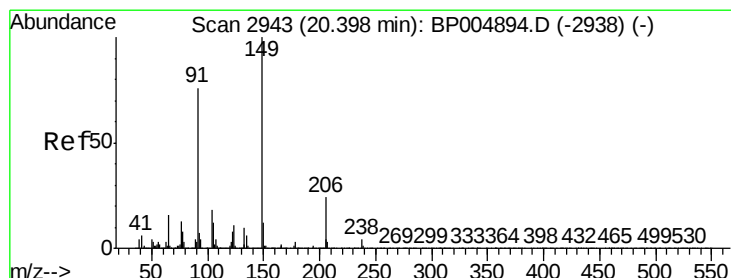
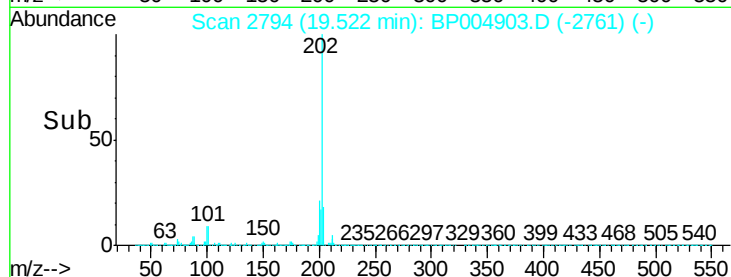
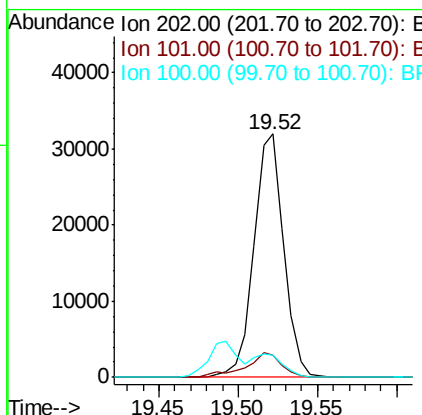
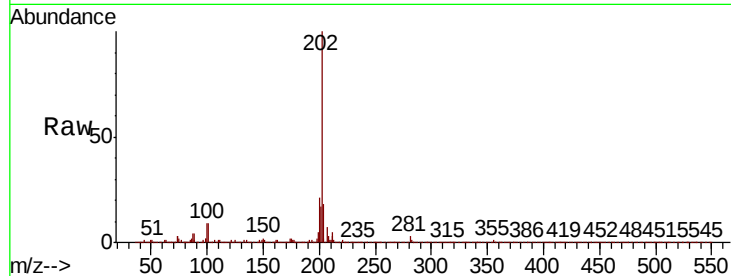
#80
Pvrene
Concen: 4.007 ng/ul
RT: 19.52 min Scan# 2794
Delta R.T. -0.01 min
Lab File: BP004903.D
Acq: 03 Mar 2021 20:32

Instrument :
BNA_P
ClientSampleId :
MDL-ME-SOIL-02

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	9.2	8.6	13.0
100	9.3	6.9	10.3

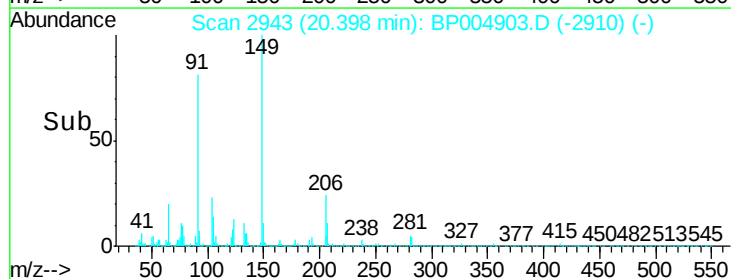
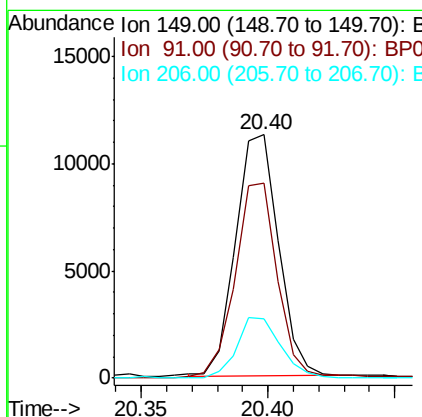
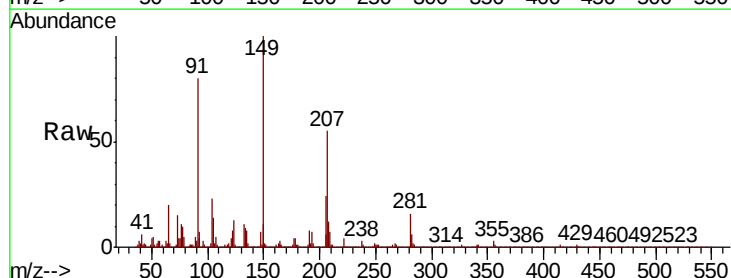
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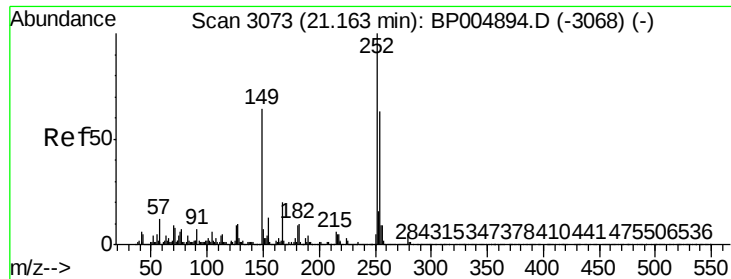
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#81
Butylbenzylphthalate
Concen: 3.252 ng/ul
RT: 20.40 min Scan# 2943
Delta R.T. -0.01 min
Lab File: BP004903.D
Acq: 03 Mar 2021 20:32

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
91	80.1	62.0	93.0
206	24.4	19.0	28.6





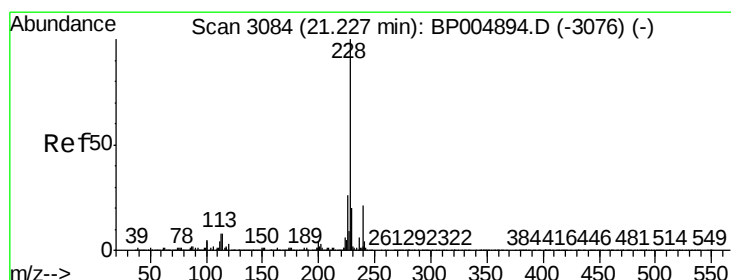
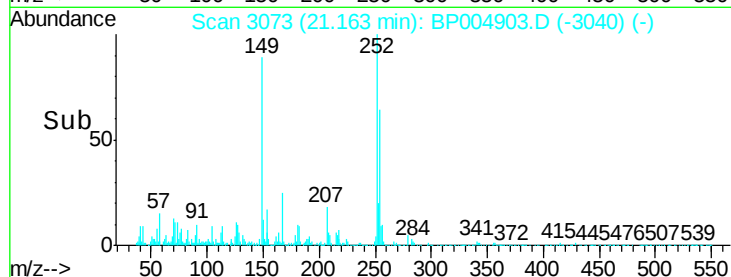
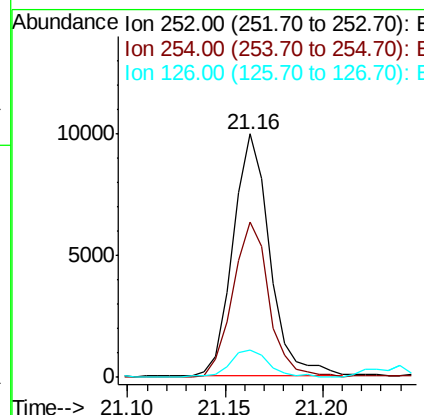
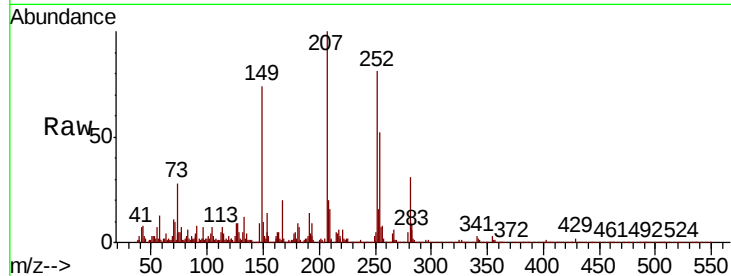
#82
 3,3'-Dichlorobenzidine
 Concen: 3.696 ng/ul
 RT: 21.16 min Scan# 3073
 Delta R.T. -0.01 min
 Lab File: BP004903.D
 Acq: 03 Mar 2021 20:32

Instrument :
 BNA_P
 ClientSampleId :
 MDL-ME-SOIL-02

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.7	50.8	76.2
126	11.3	7.7	11.5

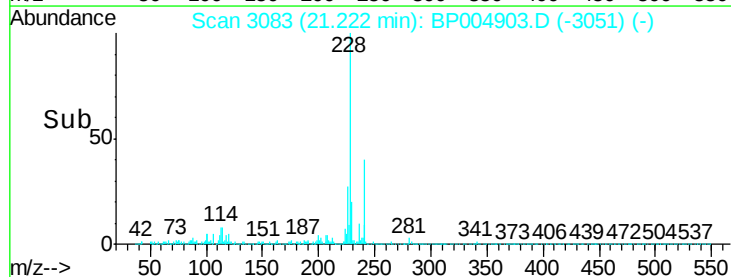
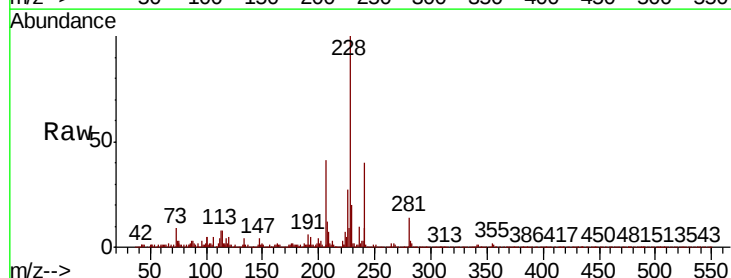
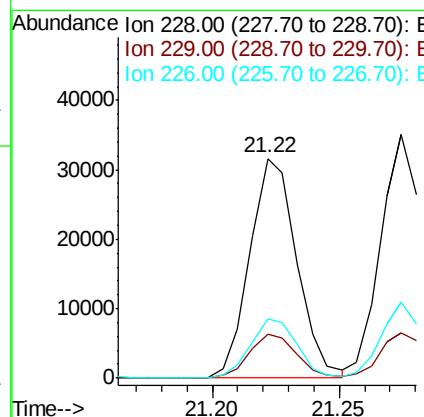
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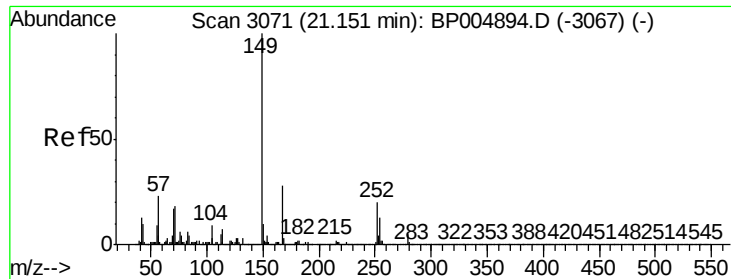
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#83
 Benzo(a)anthracene
 Concen: 3.895 ng/ul
 RT: 21.22 min Scan# 3083
 Delta R.T. -0.01 min
 Lab File: BP004903.D
 Acq: 03 Mar 2021 20:32

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.1	15.4	23.0
226	26.8	21.1	31.7





#84

Bis(2-ethylhexyl)phthalate

Concen: 3.368 ng/ul

RT: 21.16 min Scan# 3072

Delta R.T. -0.01 min

Lab File: BP004903.D

Acq: 03 Mar 2021 20:32

Instrument :

BNA_P

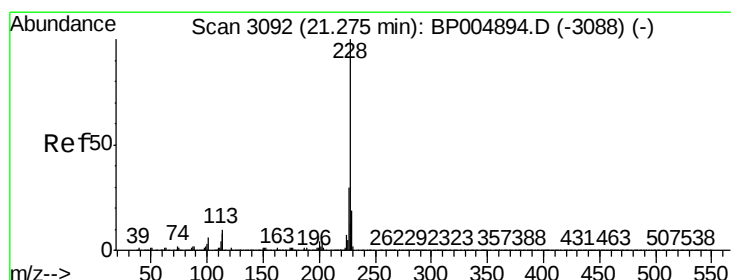
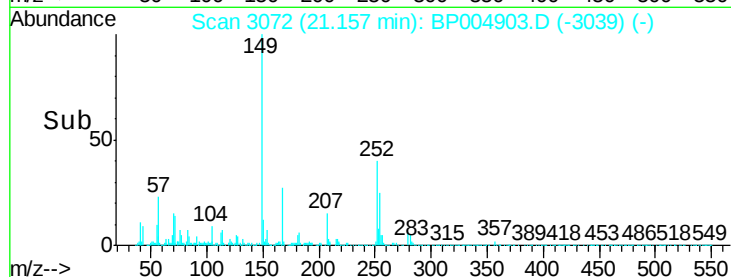
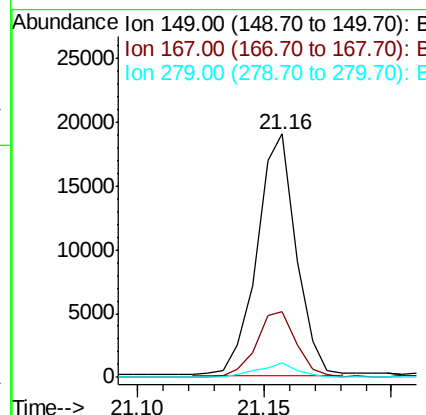
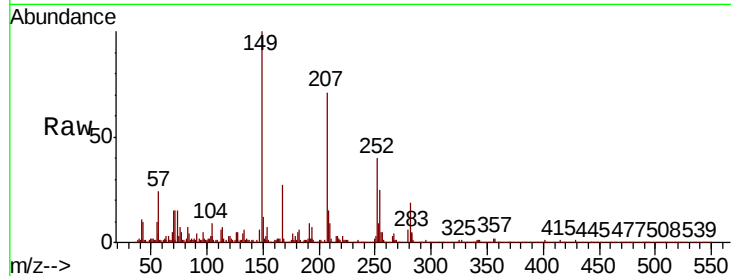
ClientSampleId :

MDL-ME-SOIL-02

Tot Ion:	149	Resp:	20510
Ion Ratio	Lower	Upper	
149	100		
167	26.8	23.0	34.6
279	6.0	4.1	6.1

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#85

Chrysene

Concen: 4.049 ng/ul

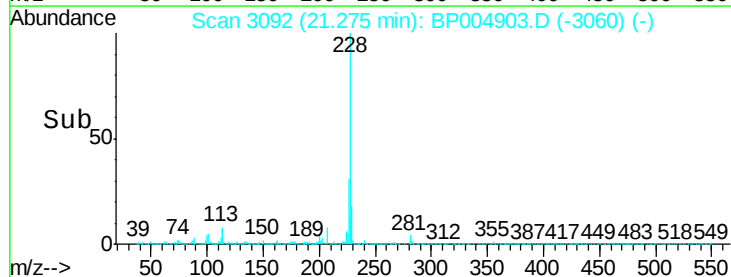
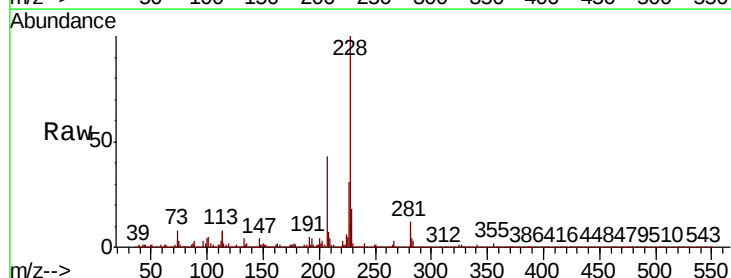
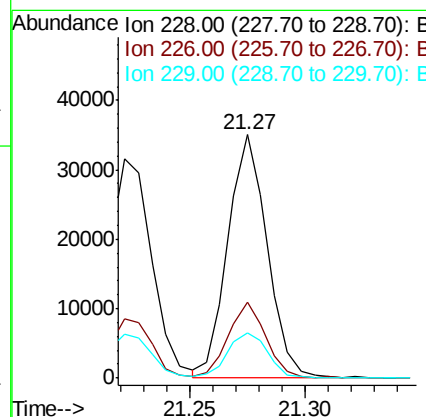
RT: 21.27 min Scan# 3092

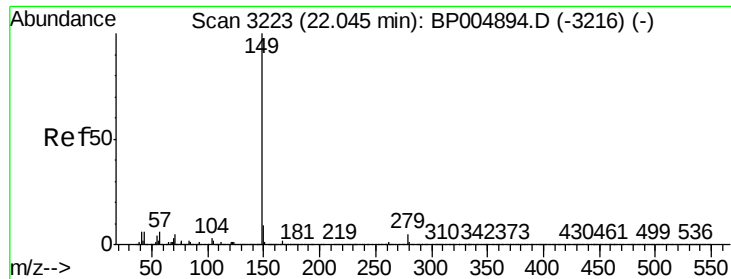
Delta R.T. -0.01 min

Lab File: BP004903.D

Acq: 03 Mar 2021 20:32

Tgt Ion:	228	Resp:	41212
Ion Ratio	Lower	Upper	
228	100		
226	31.1	23.3	34.9
229	18.3	15.6	23.4





#87

Di-n-octyl phthalate

Concen: 3.068 ng/uL

RT: 22.05 min Scan# 3223

Delta R.T. -0.01 min

Lab File: BP004903.D

Acq: 03 Mar 2021 20:32

Instrument :

BNA_P

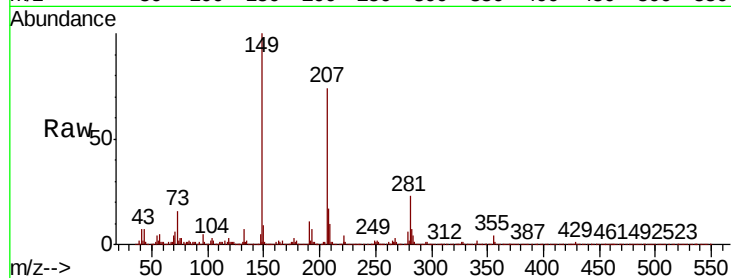
ClientSampleId :

MDL-ME-SOIL-02

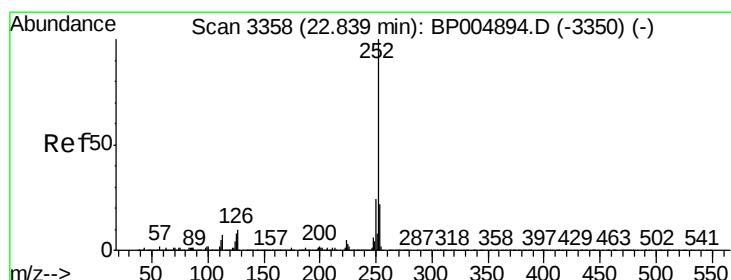
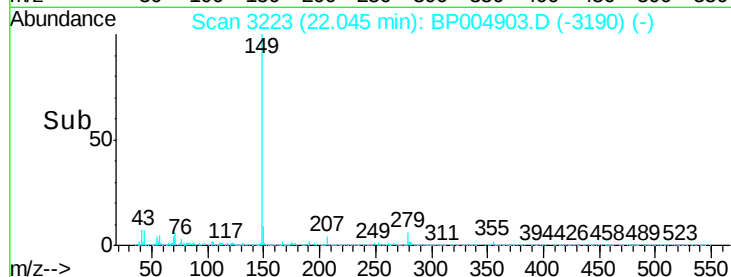
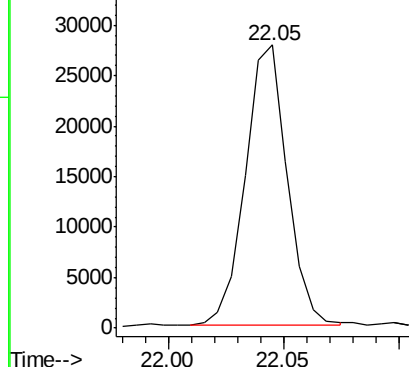
Tgt Ion:149 Resp: 35105

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Abundance Ion 149.00 (148.70 to 149.70): E



#88

Benzo(b)fluoranthene

Concen: 4.006 ng/uL

RT: 22.84 min Scan# 3358

Delta R.T. -0.01 min

Lab File: BP004903.D

Acq: 03 Mar 2021 20:32

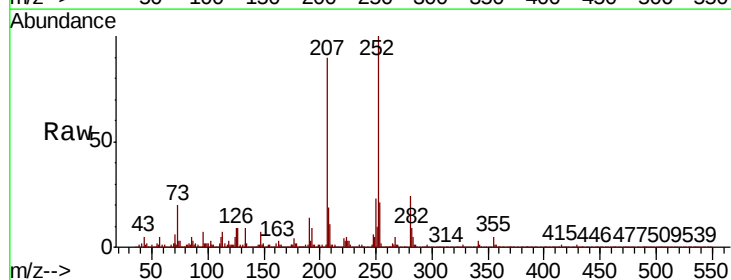
Tgt Ion:252 Resp: 43293

Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.6	26.4
125	8.9	6.5	9.7

252 100

253 21.4 17.6 26.4

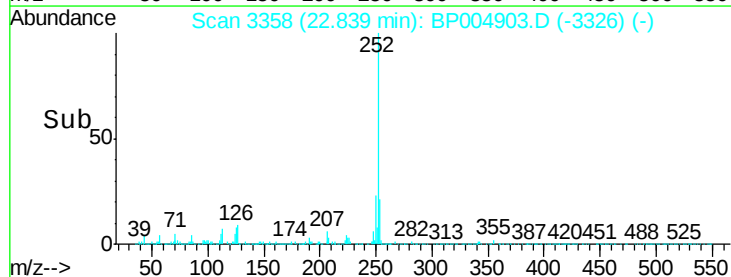
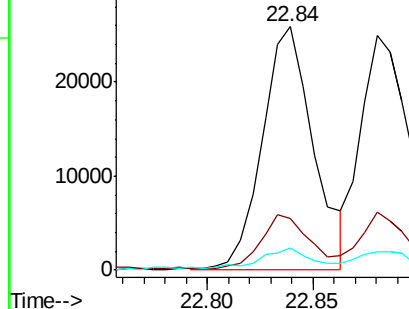
125 8.9 6.5 9.7

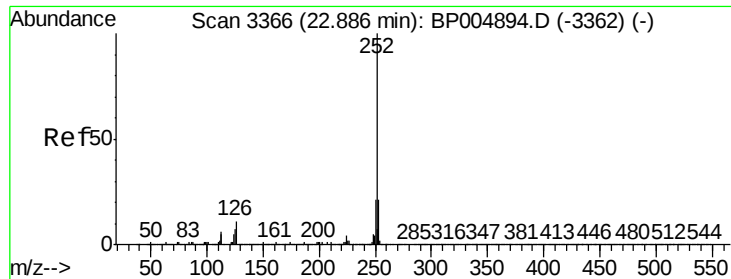


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





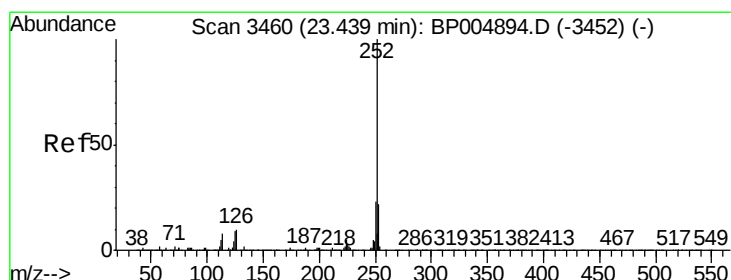
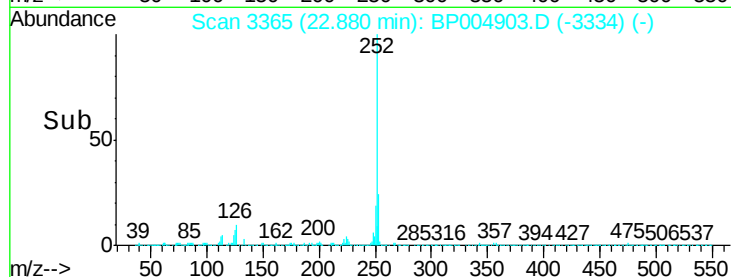
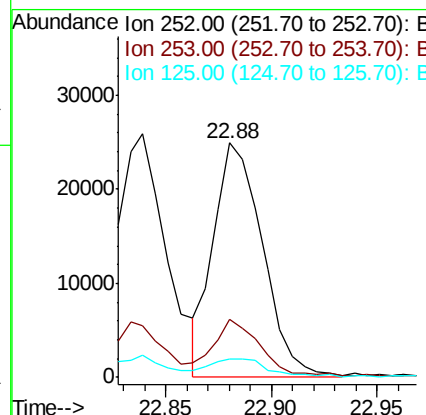
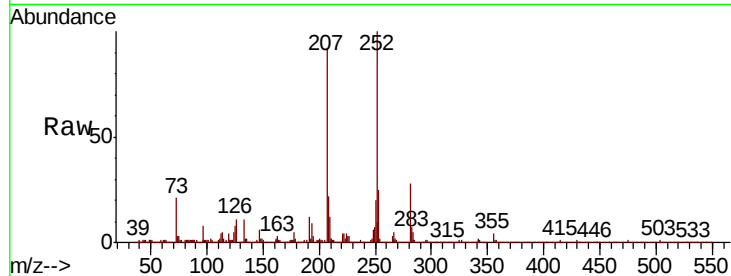
#89
Benzo(k)fluoranthene
Concen: 3.754 ng/ul
RT: 22.88 min Scan# 3365
Delta R.T. -0.02 min
Lab File: BP004903.D
Acq: 03 Mar 2021 20:32

Instrument :
BNA_P
ClientSampleId :
MDL-ME-SOIL-02

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.7	17.6	26.4
125	8.1	6.5	9.7

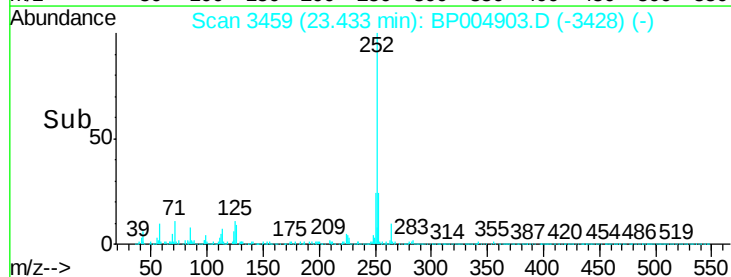
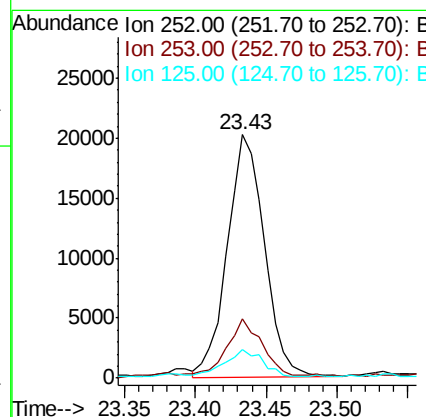
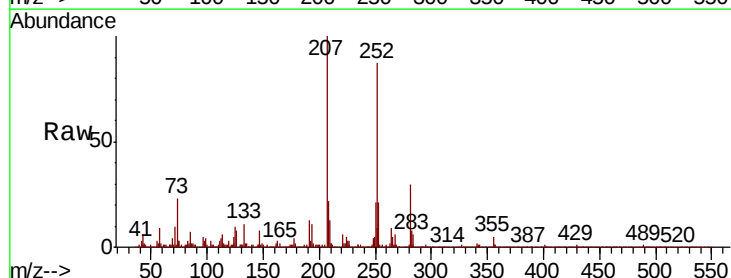
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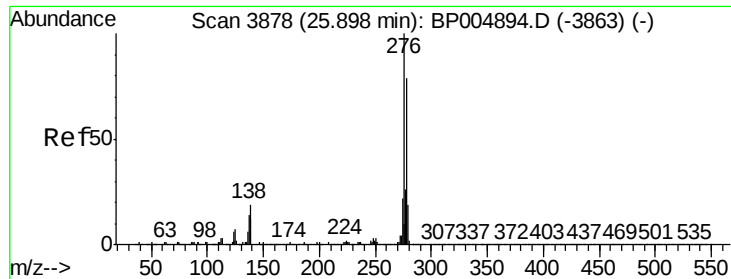
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#91
Benzo(a)pyrene
Concen: 3.906 ng/ul
RT: 23.43 min Scan# 3459
Delta R.T. -0.02 min
Lab File: BP004903.D
Acq: 03 Mar 2021 20:32

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.3	16.9	25.3
125	11.8	6.9	10.3





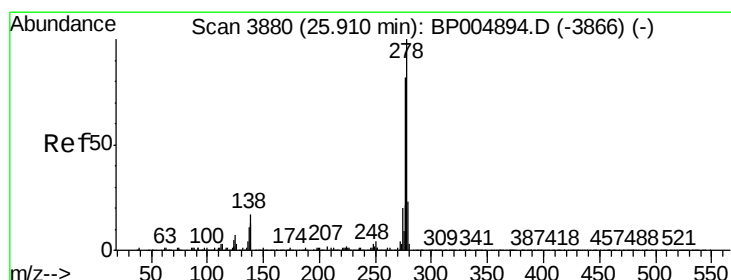
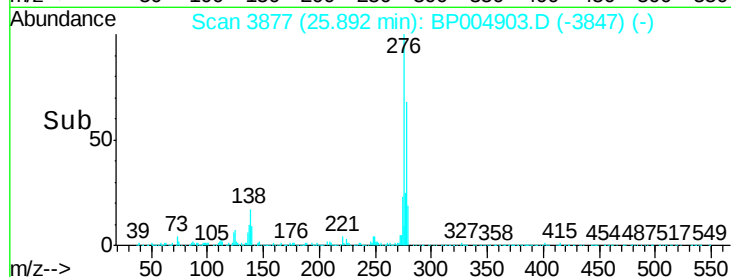
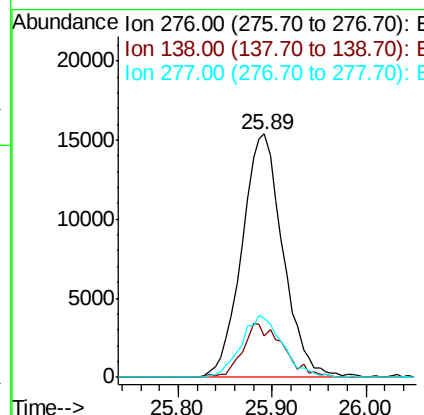
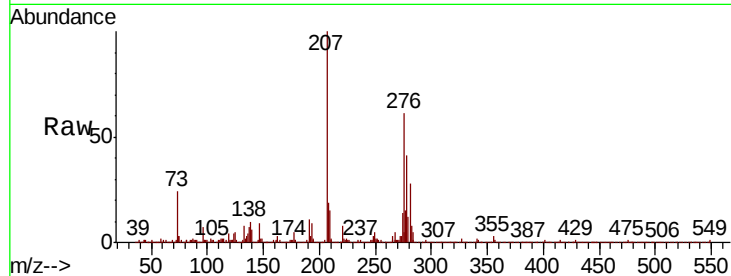
#92
Indeno(1,2,3-cd)pyrene
Concen: 3.807 ng/ul
RT: 25.89 min Scan# 3877
Delta R.T. -0.02 min
Lab File: BP004903.D
Acq: 03 Mar 2021 20:32

Instrument :
BNA_P
ClientSampleId :
MDL-ME-SOIL-02

Tot Ion	Ratio	Lower	Upper
276	100		
138	17.1	16.5	24.7
277	24.5	19.1	28.7

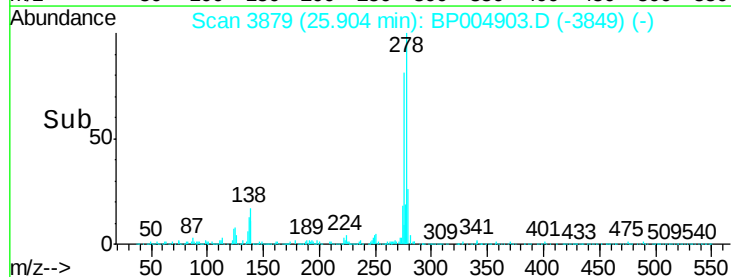
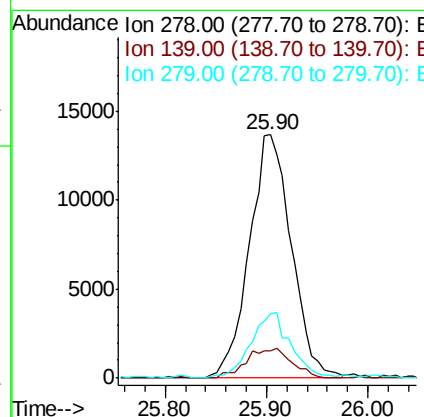
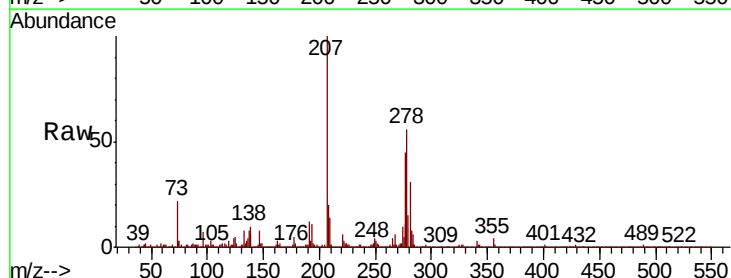
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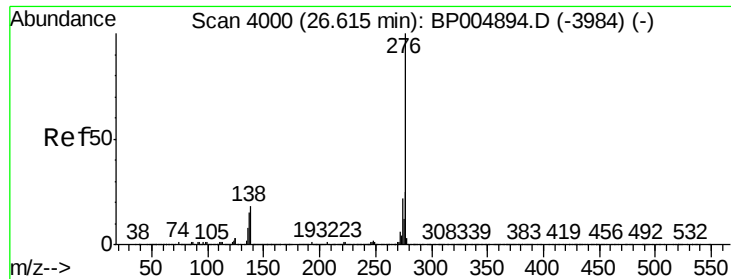
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#93
Dibenzo(a,h)anthracene
Concen: 3.813 ng/ul
RT: 25.90 min Scan# 3879
Delta R.T. -0.02 min
Lab File: BP004903.D
Acq: 03 Mar 2021 20:32

Tgt Ion	Ratio	Lower	Upper
278	100		
139	11.5	10.6	16.0
279	26.3	20.0	30.0





#94

Benzo(a,h,i)perylene

Concen: 3.784 ng/ul

RT: 26.60 min Scan# 3998

Delta R.T. -0.03 min

Lab File: BP004903.D

Acq: 03 Mar 2021 20:32

Instrument :

BNA_P

ClientSampleId :

MDL-ME-SOIL-02

Tot Ion:	276	Resp:	38254
Ion Ratio		Lower	Upper
276	100		
138	13.1	13.8	20.6#
277	19.6	18.5	27.7

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