

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP030321\
 Data File : BP004898.D
 Acq On : 03 Mar 2021 17:42
 Operator : CG/JU
 Sample : M1534-10
 Misc : SOM-MDL-S-03
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MDL-SOIL-03

Manual Integrations
 APPROVED

mohammad
 3/4/2021 11:33:39 AM

Quant Time: Mar 04 02:29:20 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	26654	20.00	ng/ul	0.00
18) Naphthalene-d8	10.53	136	105049	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.39	164	67601	20.00	ng/ul	-0.01
62) Phenanthrene-d10	17.15	188	151259	20.00	ng/ul	-0.01
78) Chrysene-d12	21.24	240	166290	20.00	ng/ul	-0.01
86) Perylene-d12	23.54	264	167703	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.23	96	3166	4.67	ng/uL	0.00
5) Phenol-d5	6.92	99	71034	32.73	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.08	67	41029	36.45	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.28	132	58363	34.86	ng/ul	0.00
13) 4-Methylphenol-d8	8.45	113	57362	33.17	ng/ul	-0.01
19) Nitrobenzene-d5	8.90	128	28341	37.04	ng/ul	0.00
22) 2-Nitrophenol-d4	9.62	143	30891	35.95	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.16	165	54120	33.31	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.67	131	73956	39.82	ng/ul	0.00
44) Dimethylphthalate-d6	13.80	166	180357	36.47	ng/ul	-0.01
47) Acenaphthylene-d8	14.08	160	215740	35.63	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.60	143	28006	31.65	ng/ul	-0.01
58) Fluorene-d10	15.39	176	157945	37.56	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.51	200	31344	31.78	ng/ul	-0.01
71) Anthracene-d10	17.25	188	245906	35.85	ng/ul	0.00
79) Pyrene-d10	19.49	212	282070	35.94	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.39	264	322552	37.53	ng/ul	-0.01

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.28	88	715	0.970 ng/uL#	80
4) Benzaldehyde	6.89	77	5643	5.087 ng/ul	99
6) Phenol	6.95	94	7805	3.421 ng/ul	93
8) Bis(2-Chloroethyl)ether	7.17	93	6087	3.625 ng/ul	97
10) 2-Chlorophenol	7.30	128	6335	3.612 ng/ul	94
11) 2-Methylphenol	8.19	108	5392	3.168 ng/ul	91
12) 2,2'-oxybis(1-Chloropropan	8.26	45	3523m	3.245 ng/ul	
14) Acetophenone	8.56	105	10071	3.522 ng/ul	96
15) N-Nitroso-di-n-propylamine	8.55	70	4791	3.464 ng/ul#	95
16) 4-Methylphenol	8.52	108	6163	3.366 ng/ul	95
17) Hexachloroethane	8.82	117	2853	3.695 ng/ul	96
20) Nitrobenzene	8.94	77	7470	3.600 ng/ul#	93
21) Isophorone	9.47	82	11634	3.278 ng/ul#	95
23) 2-Nitrophenol	9.65	139	3241	3.353 ng/ul	98
24) 2,4-Dimethylphenol	9.72	107	7641	3.560 ng/ul	91
25) Bis(2-Chloroethoxy)methane	9.95	93	7444	3.473 ng/ul	92
27) 2,4-Dichlorophenol	10.18	162	5828	3.486 ng/ul	96
28) Naphthalene	10.58	128	19795	3.561 ng/ul	98
30) 4-Chloroaniline	10.70	127	7418	3.875 ng/ul	93
31) Hexachlorobutadiene	10.87	225	4648	3.796 ng/ul	92
32) Caprolactam	11.51	113	1519m	2.797 ng/ul	
33) 4-Chloro-3-methylphenol	11.83	107	5818	3.056 ng/ul#	84
34) 2-Methylnaphthalene	12.20	142	13300	3.363 ng/ul	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.42	142	12837	3.340	ng/ul#	98
37) 1,2,4,5-Tetrachlorobenzene	12.57	216	7967	3.676	ng/ul#	95
38) Hexachlorocyclopentadiene	12.55	237	4216	3.053	ng/ul	93
39) 2,4,6-Trichlorophenol	12.82	196	4107	3.026	ng/ul	93
40) 2,4,5-Trichlorophenol	12.89	196	4275	2.939	ng/ul	86
41) 1,1'-Biphenyl	13.22	154	17303	3.419	ng/ul#	93
42) 2-Chloronaphthalene	13.26	162	14308	3.597	ng/ul	97
43) 2-Nitroaniline	13.47	65	3470	3.048	ng/ul	97
45) Dimethylphthalate	13.85	163	19149	3.767	ng/ul	99
46) 2,6-Dinitrotoluene	13.97	165	3348	3.293	ng/ul	92
48) Acenaphthylene	14.11	152	20356	3.512	ng/ul	96
49) 3-Nitroaniline	14.30	138	3324	3.581	ng/ul#	74
50) Acenaphthene	14.46	153	15219	3.615	ng/ul	95
51) 2,4-Dinitrophenol	14.52	184	1316	2.013	ng/ul	94
53) 4-Nitrophenol	14.62	109	3363	3.501	ng/ul	92
54) Dibenzofuran	14.79	168	22829	3.747	ng/ul	99
55) 2,4-Dinitrotoluene	14.76	165	4481	2.992	ng/ul#	90
56) 2,3,4,6-Tetrachlorophenol	15.02	232	4210	3.277	ng/ul	94
57) Diethylphthalate	15.22	149	18261	3.552	ng/ul#	93
59) Fluorene	15.45	166	17822	3.508	ng/ul	91
60) 4-Chlorophenyl-phenylether	15.45	204	9860	3.684	ng/ul	96
61) 4-Nitroaniline	15.47	138	3257	3.071	ng/ul	89
64) 4,6-Dinitro-2-methylphenol	15.53	198	3425	3.426	ng/ul#	87
65) N-Nitrosodiphenylamine	15.66	169	15656	3.525	ng/ul	97
66) 4-Bromophenyl-phenylether	16.34	248	5747	3.592	ng/ul	93
67) Hexachlorobenzene	16.45	284	6820	3.713	ng/ul	89
68) Atrazine	16.62	200	5097	2.928	ng/ul	95
69) Pentachlorophenol	16.80	266	2977	2.645	ng/ul	98
70) Phenanthrene	17.19	178	29631	3.604	ng/ul	99
72) Anthracene	17.28	178	29656	3.534	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.19	216	7931	3.522	ng/uL	94
74) Pentachlorobenzene	14.71	250	7582	3.457	ng/uL	98
75) Carbazole	17.56	167	24412	3.308	ng/ul#	92
76) Di-n-butylphthalate	18.12	149	27973	3.206	ng/ul	99
77) Fluoranthene	19.17	202	33371	3.384	ng/ul	97
80) Pvrene	19.52	202	37639	3.664	ng/ul	99
81) Butylbenzylphthalate	20.40	149	12020	2.999	ng/ul	91
82) 3,3'-Dichlorobenzidine	21.16	252	11717	3.383	ng/ul	98
83) Benzo(a)anthracene	21.22	228	36500	3.552	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.15	149	17136	2.861	ng/ul#	99
85) Chrysene	21.27	228	36322	3.628	ng/ul	97
87) Di-n-octyl phthalate	22.04	149	29699	2.631	ng/ul	100
88) Benzo(b)fluoranthene	22.84	252	38830	3.642	ng/ul	99
89) Benzo(k)fluoranthene	22.89	252	35606	3.377	ng/ul	99
91) Benzo(a)pyrene	23.43	252	34197	3.653	ng/ul#	96
92) Indeno(1,2,3-cd)pyrene	25.88	276	41499m	3.463	ng/ul	
93) Dibenzo(a,h)anthracene	25.90	278	35784	3.511	ng/ul	96
94) Benzo(a,h,i)perylene	26.60	276	34379	3.446	ng/ul	97

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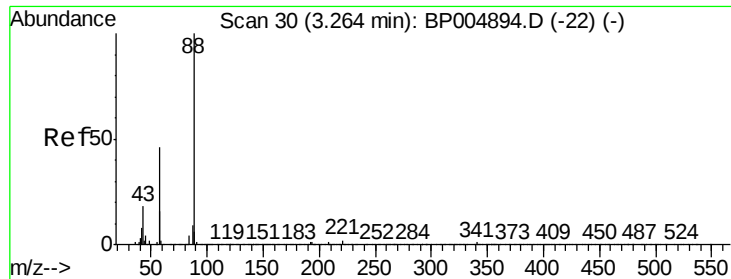
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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



#2

1,4-Dioxane

Concen: 0.970 ng/uL

RT: 3.28 min Scan# 32

Delta R.T. 0.01 min

Lab File: BP004898.D

Acq: 03 Mar 2021 17:42

Instrument :

BNA_P

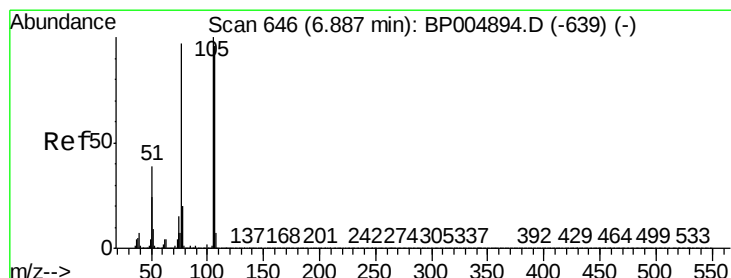
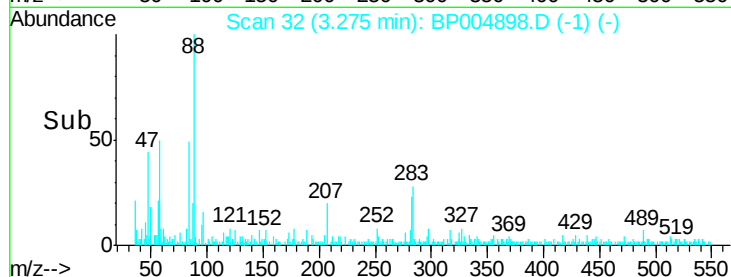
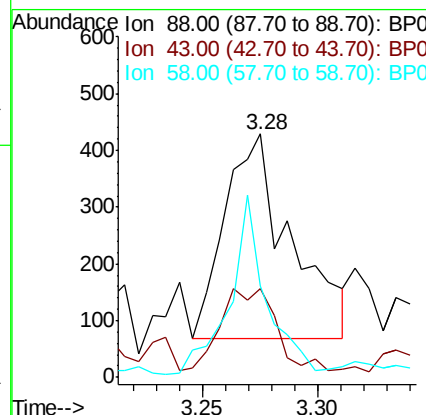
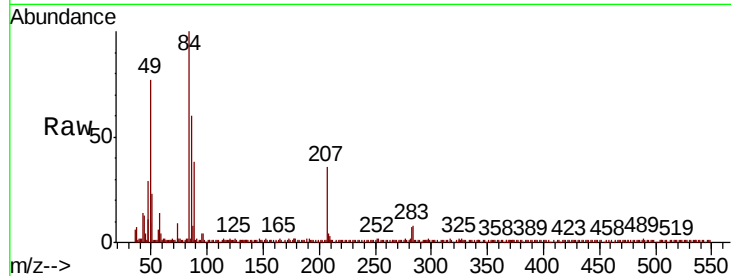
ClientSampleId :

MDL-SOIL-03

Tot Ion:	88	Resp:	715
Ion	Ratio	Lower	Upper
88	100		
43	36.4	20.9	31.3#
58	37.5	41.0	61.4#

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#4

Benzaldehyde

Concen: 5.087 ng/uL

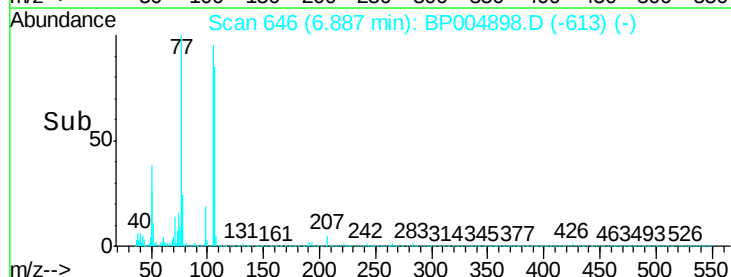
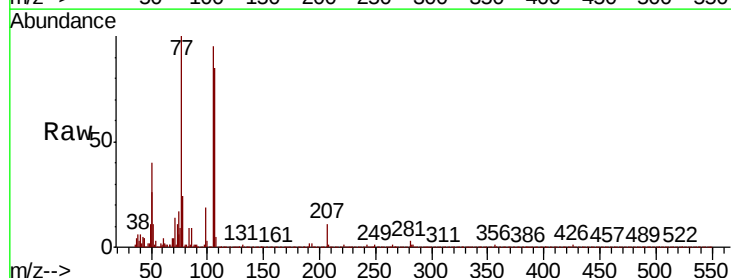
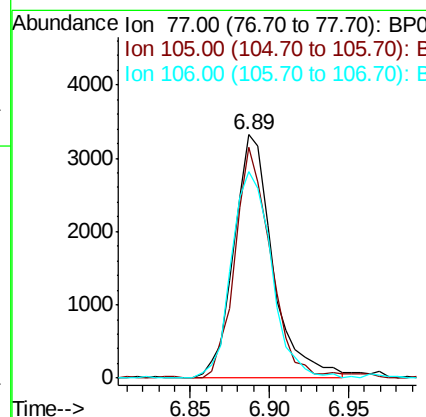
RT: 6.89 min Scan# 646

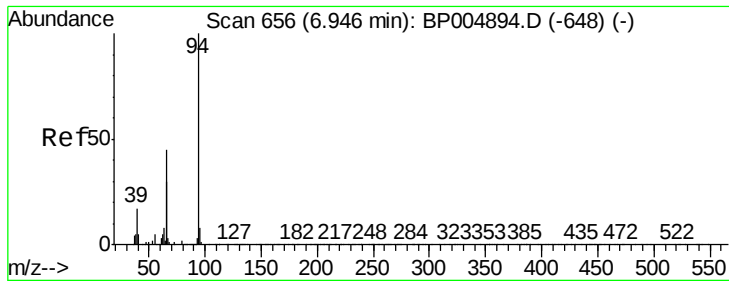
Delta R.T. -0.01 min

Lab File: BP004898.D

Acq: 03 Mar 2021 17:42

Tgt Ion:	77	Resp:	5643
Ion	Ratio	Lower	Upper
77	100		
105	94.6	75.4	113.2
106	84.7	69.7	104.5





#6

Phenol

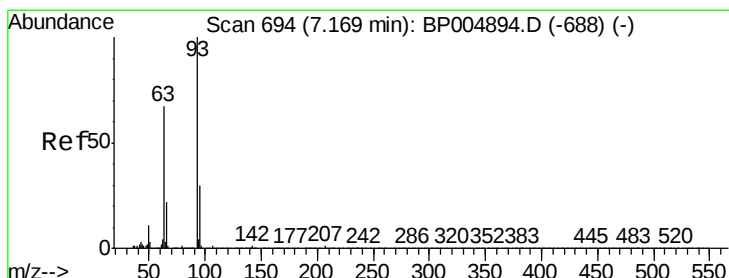
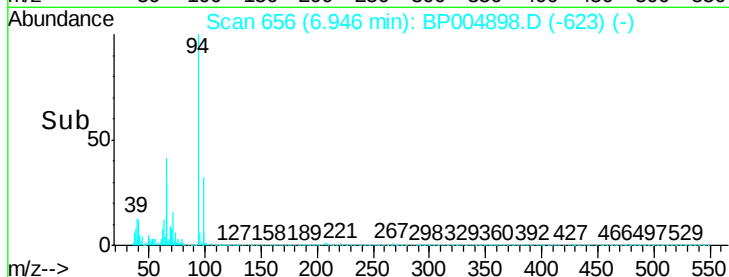
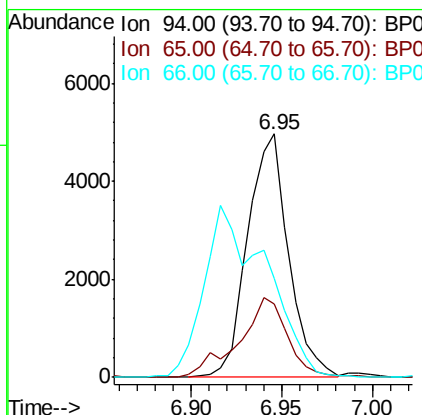
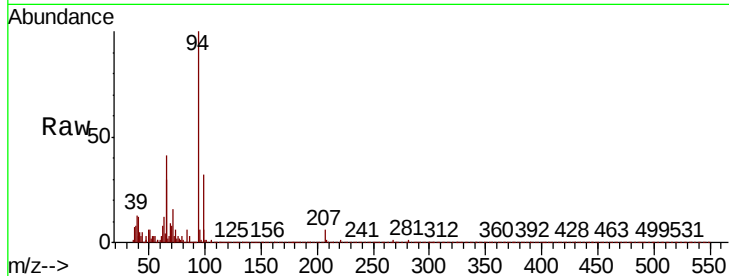
Concen: 3.421 ng/ul
 RT: 6.95 min Scan# 656
 Delta R.T. -0.01 min
 Lab File: BP004898.D
 Acq: 03 Mar 2021 17:42

Instrument :
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Tot Ion:	94	Resp:	7805
Ion	Ratio	Lower	Upper
94	100		
65	30.2	22.8	34.2
66	40.6	37.8	56.8

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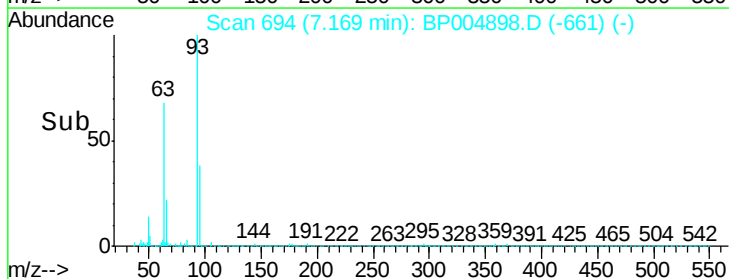
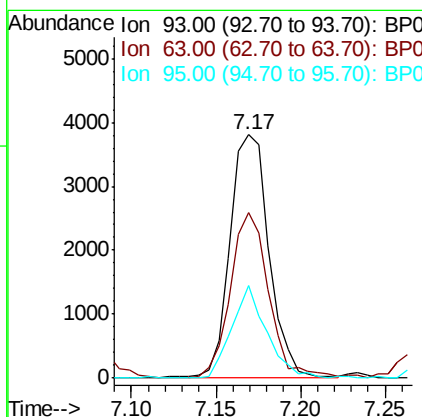
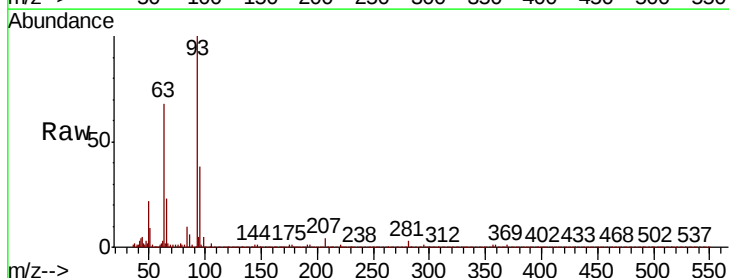


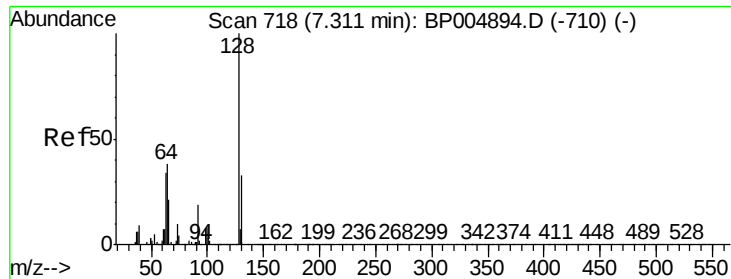
#8

Bis(2-Chloroethyl)ether

Concen: 3.625 ng/ul
 RT: 7.17 min Scan# 694
 Delta R.T. -0.01 min
 Lab File: BP004898.D
 Acq: 03 Mar 2021 17:42

Tgt Ion:	93	Resp:	6087
Ion	Ratio	Lower	Upper
93	100		
63	68.1	56.0	84.0
95	37.9	27.8	41.8





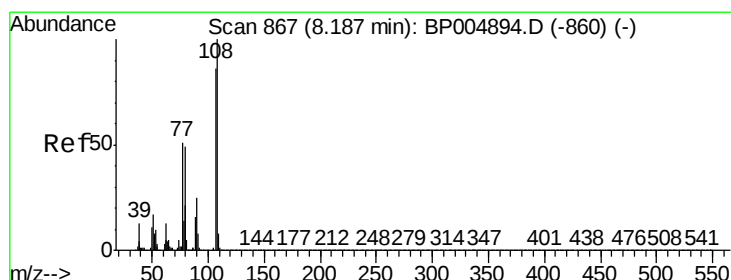
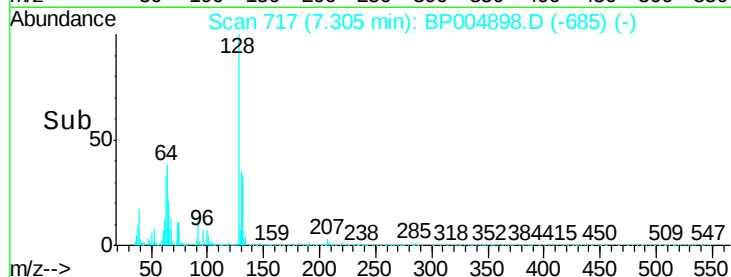
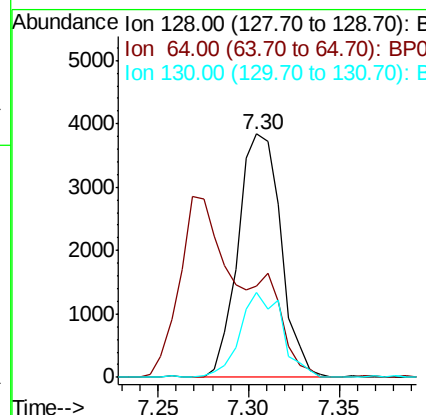
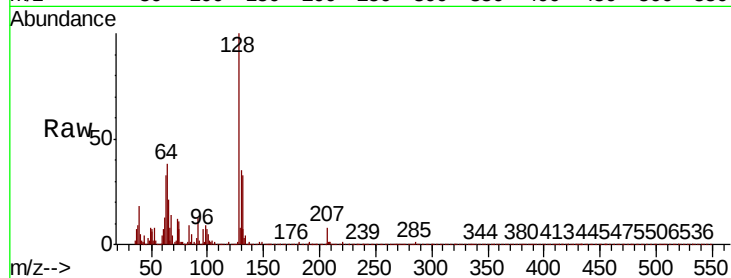
#10
2-Chlorophenol
Concen: 3.612 ng/ul
RT: 7.30 min Scan# 717
Delta R.T. -0.01 min
Lab File: BP004898.D
Acq: 03 Mar 2021 17:42

Instrument :
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Tot Ion	Ratio	Lower	Upper
128	100		
64	37.6	34.8	52.2
130	34.7	28.6	43.0

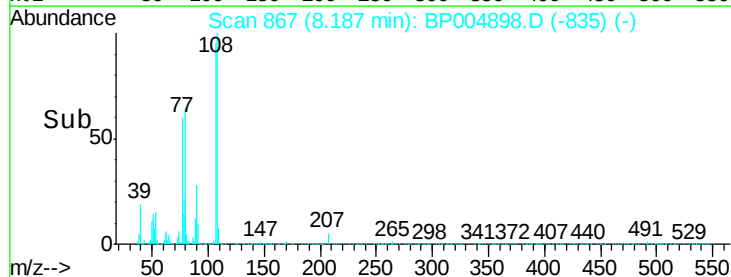
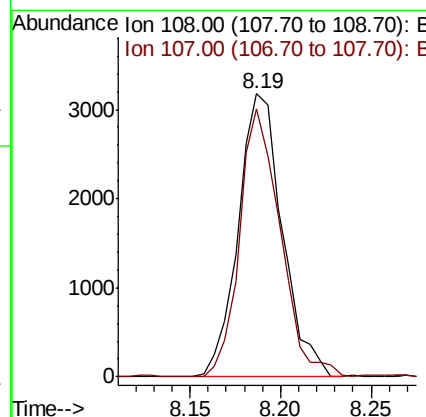
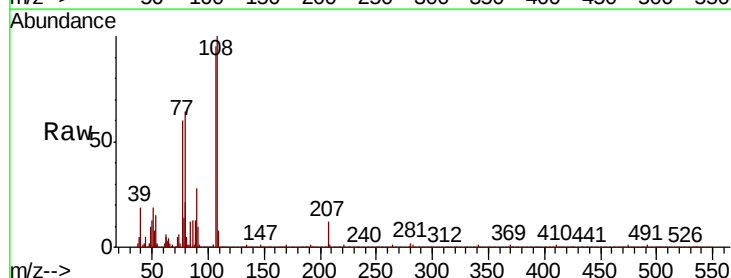
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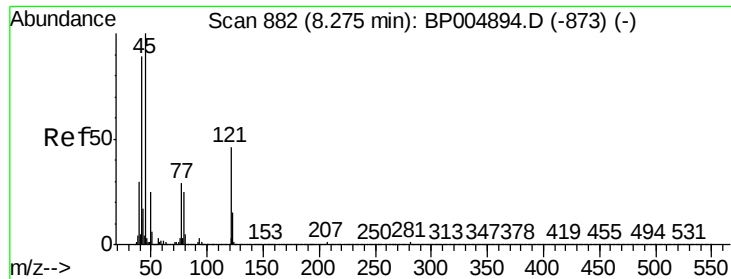
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#11
2-Methylphenol
Concen: 3.168 ng/ul
RT: 8.19 min Scan# 867
Delta R.T. -0.01 min
Lab File: BP004898.D
Acq: 03 Mar 2021 17:42

Tgt Ion	Ratio	Lower	Upper
108	100		
107	94.6	68.8	103.2





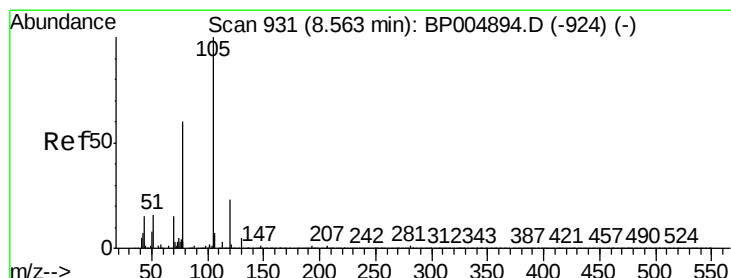
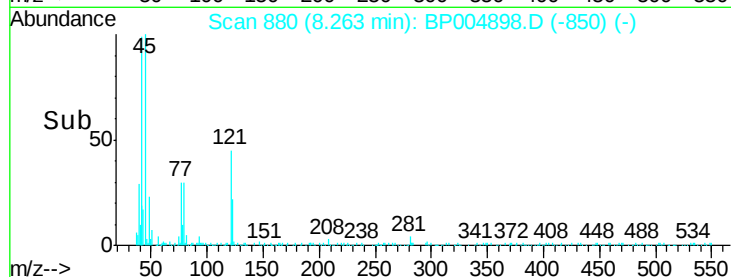
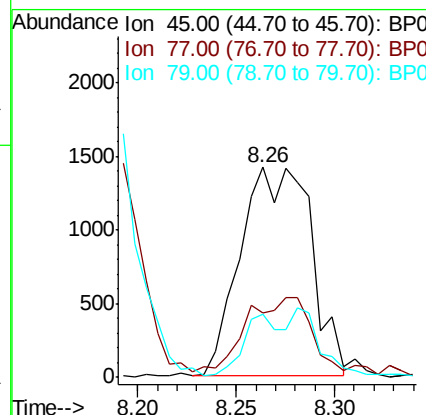
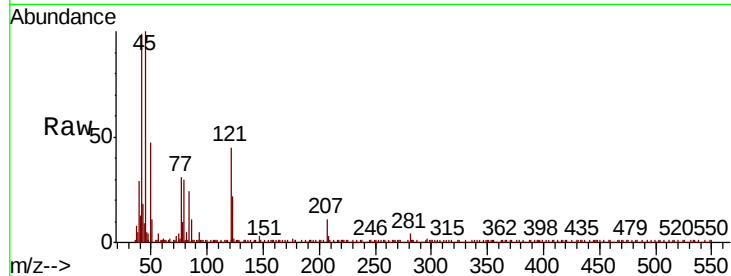
#12
2,2'-oxvbis(1-Chloropropane)
Concen: 3.245 ng/ul m
RT: 8.26 min Scan# 880
Delta R.T. -0.02 min
Lab File: BP004898.D
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Tot Ion	Ratio	Lower	Upper
45	100		
77	30.7	21.8	32.8
79	29.8	18.6	27.8

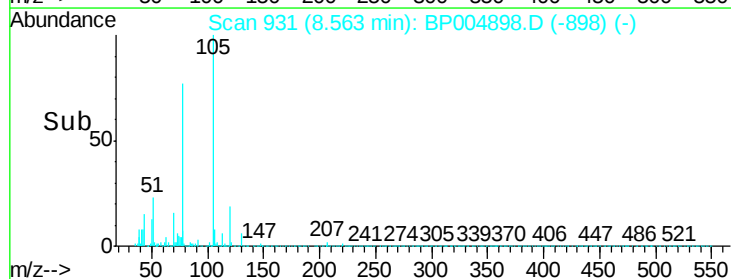
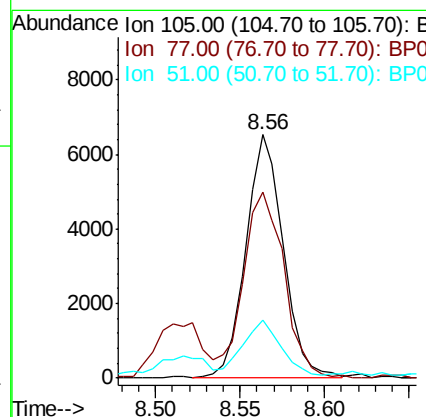
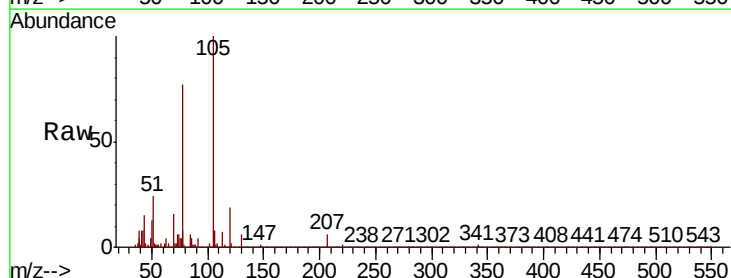
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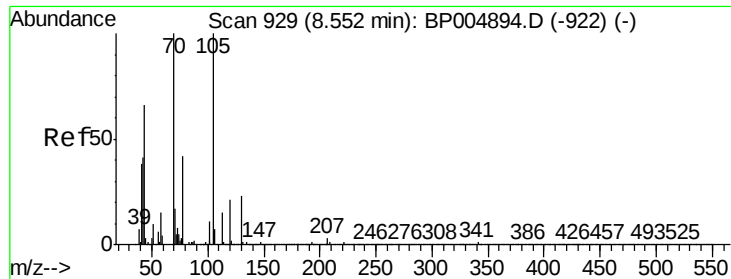
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#14
Acetophenone
Concen: 3.522 ng/ul
RT: 8.56 min Scan# 931
Delta R.T. -0.01 min
Lab File: BP004898.D
Acq: 03 Mar 2021 17:42

Tgt Ion	Ratio	Lower	Upper
105	100		
77	76.5	64.4	96.6
51	23.8	19.1	28.7





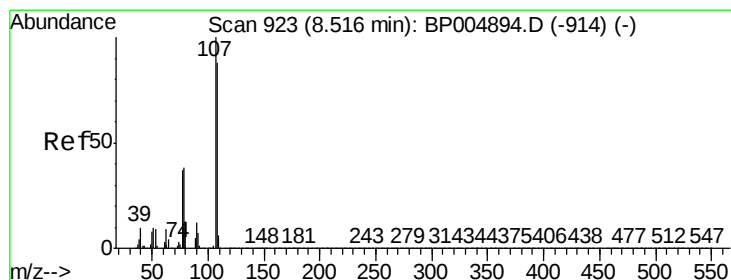
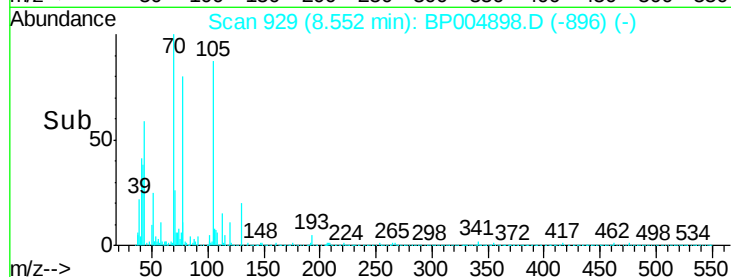
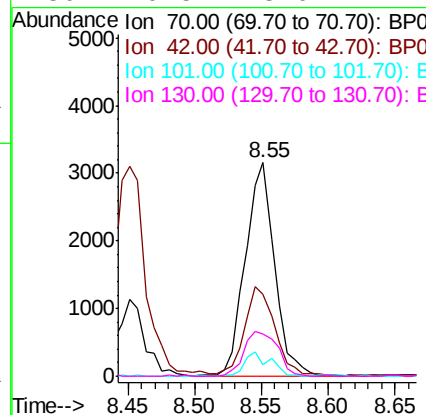
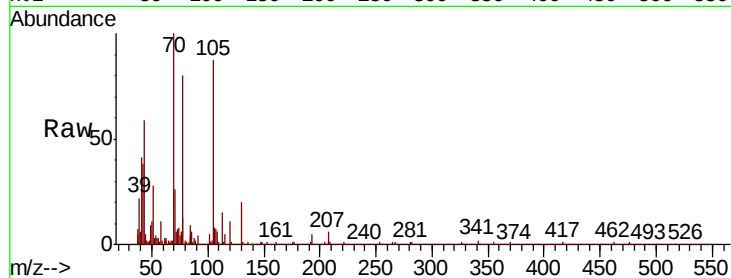
#15
N-Nitroso-di-n-propylamine
Concen: 3.464 ng/ul
RT: 8.55 min Scan# 929
Delta R.T. -0.01 min
Lab File: BP004898.D
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Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03

Tot Ion	Ratio	Lower	Upper
70	100		
42	38.3	33.1	49.7
101	5.3	8.5	12.7
130	19.5	15.0	22.4

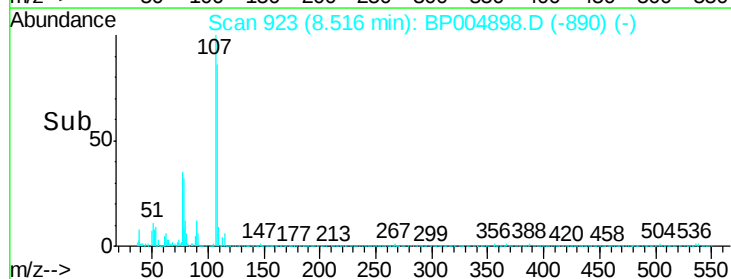
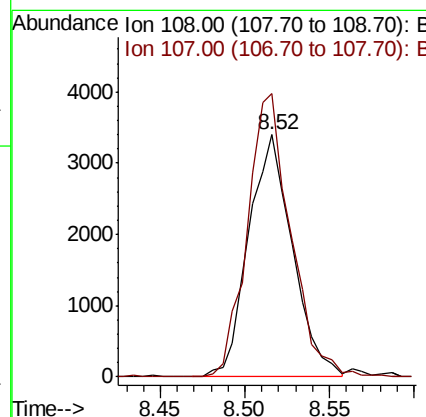
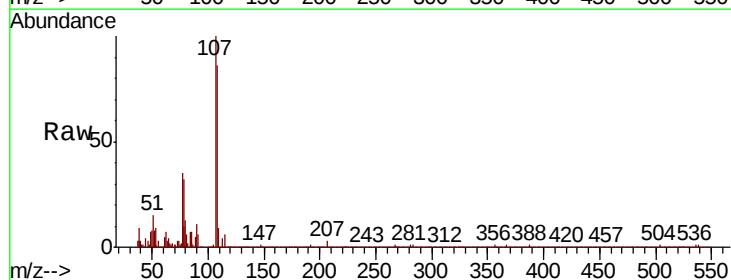
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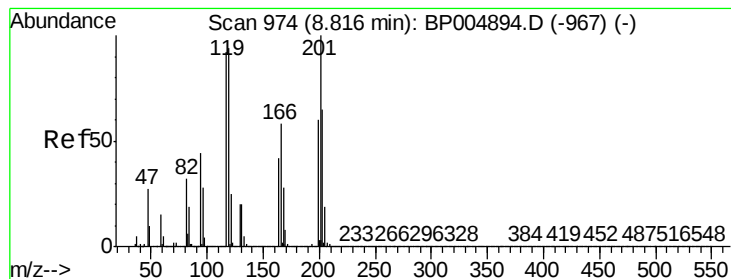
mohammad
3/4/2021 11:33:39 AM



#16
4-Methylphenol
Concen: 3.366 ng/ul
RT: 8.52 min Scan# 923
Delta R.T. -0.01 min
Lab File: BP004898.D
Acq: 03 Mar 2021 17:42

Tgt Ion	Ratio	Lower	Upper
108	100		
107	116.8	89.2	133.8





#17

Hexachloroethane

Concen: 3.695 ng/ul

RT: 8.82 min Scan# 974

Delta R.T. -0.01 min

Lab File: BP004898.D

Acq: 03 Mar 2021 17:42

Instrument :

BNA_P

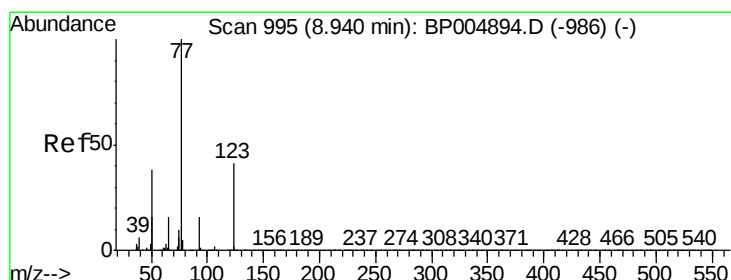
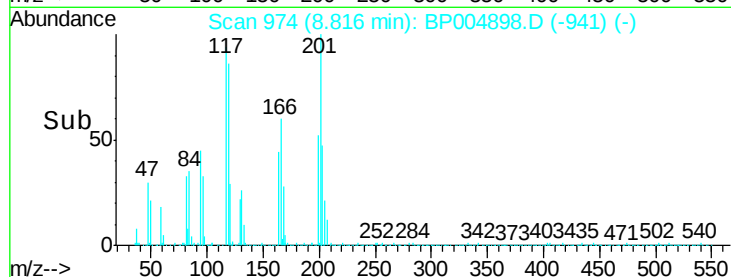
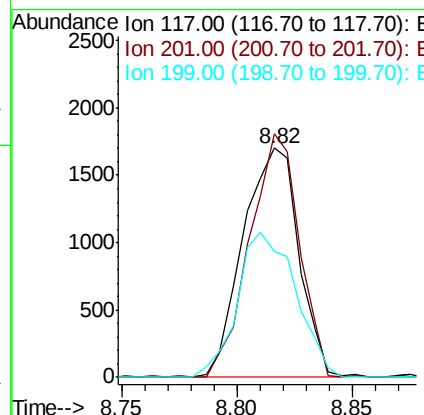
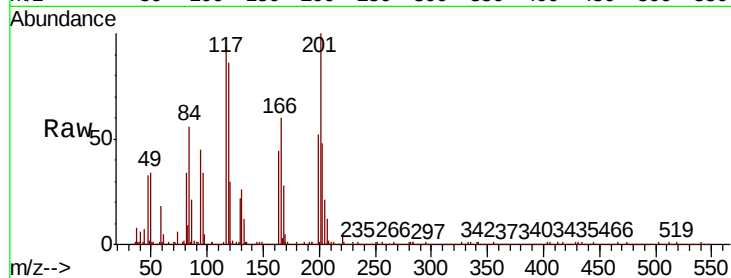
ClientSampleId :

MDL-SOIL-03

Tot Ion:	117	Resp:	2853
Ion Ratio	Lower	Upper	
117	100		
201	106.0	86.7	130.1
199	54.5	48.2	72.4

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#20

Nitrobenzene

Concen: 3.600 ng/ul

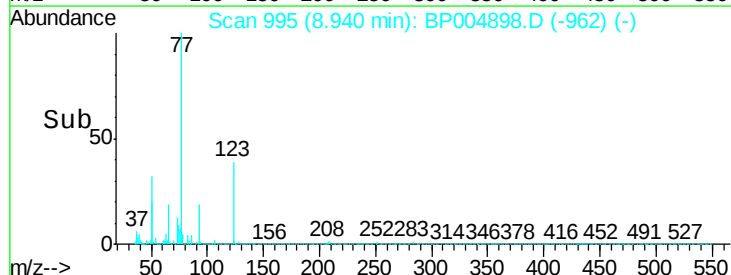
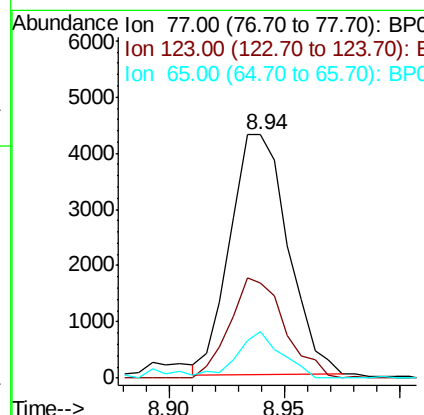
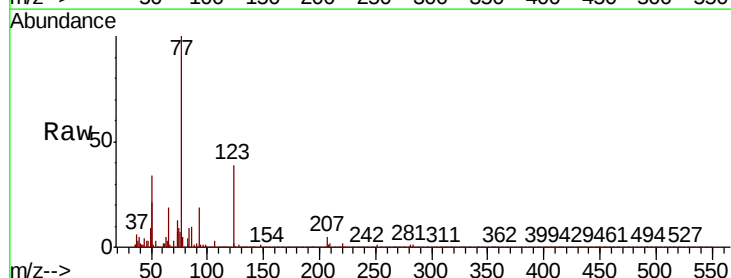
RT: 8.94 min Scan# 995

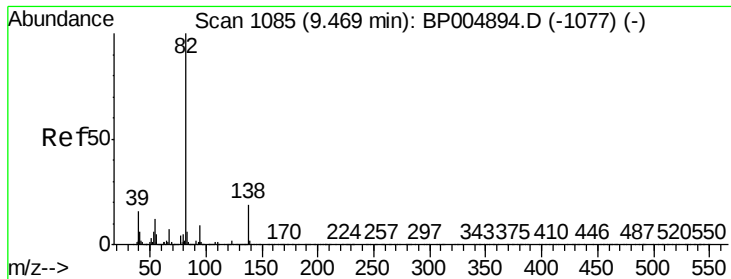
Delta R.T. -0.01 min

Lab File: BP004898.D

Acq: 03 Mar 2021 17:42

Tgt Ion:	77	Resp:	7470
Ion Ratio	Lower	Upper	
77	100		
123	39.0	29.4	44.2
65	19.0	9.8	14.6#





#21

Isophorone

Concen: 3.278 ng/ul

RT: 9.47 min Scan# 1085

Delta R.T. -0.01 min

Lab File: BP004898.D

Acq: 03 Mar 2021 17:42

Instrument :

BNA_P

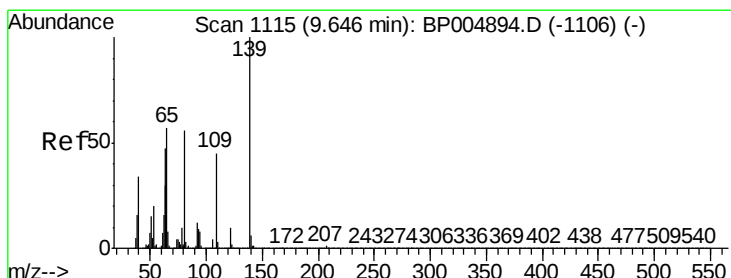
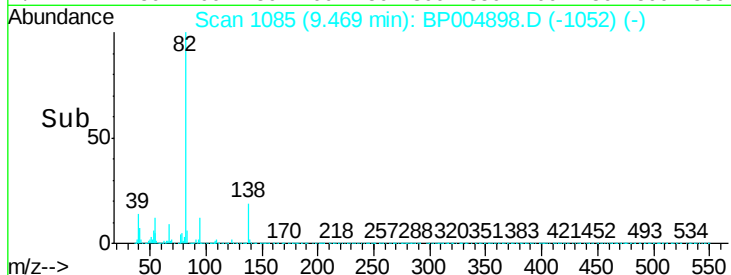
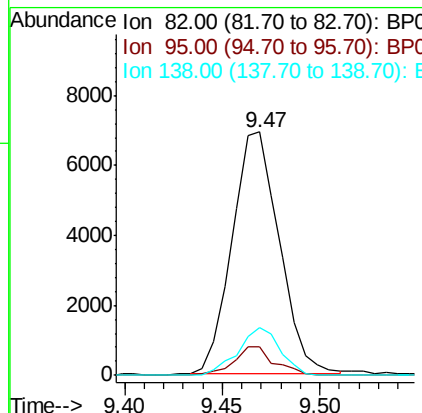
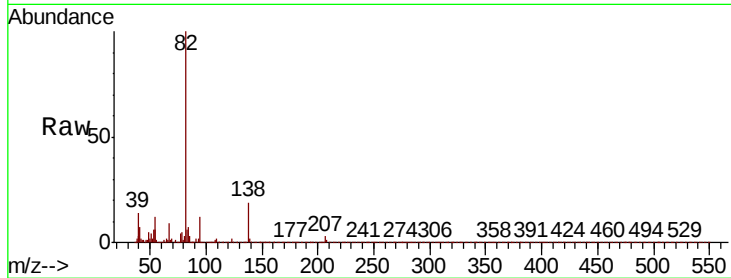
ClientSampleId :

MDL-SOIL-03

Tot Ion:	82	Resp:	11634
Ion Ratio	Lower	Upper	
82	100		
95	11.6	6.6	9.8#
138	19.4	14.6	22.0

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#23

2-Nitrophenol

Concen: 3.353 ng/ul

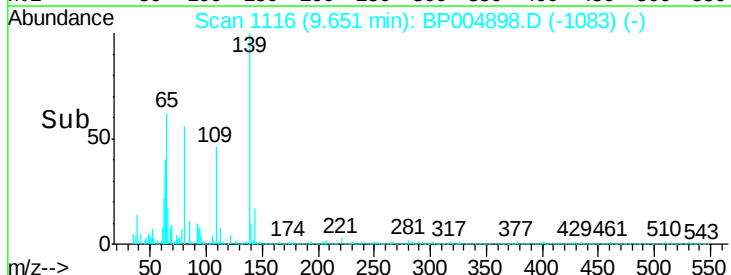
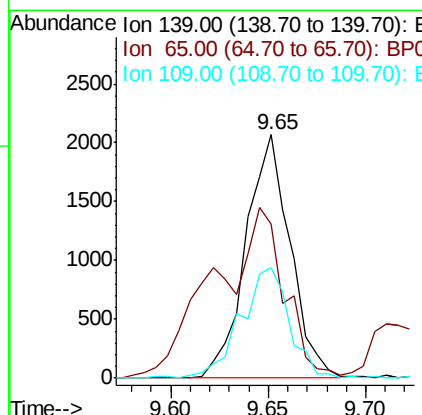
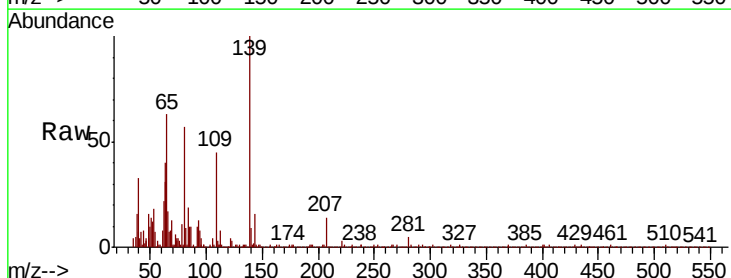
RT: 9.65 min Scan# 1116

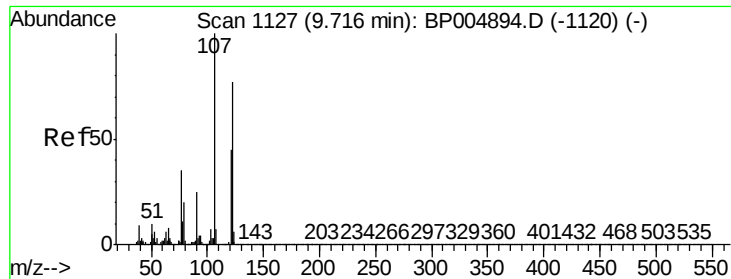
Delta R.T. -0.01 min

Lab File: BP004898.D

Acq: 03 Mar 2021 17:42

Tgt Ion:	139	Resp:	3241
Ion Ratio	Lower	Upper	
139	100		
65	63.2	49.4	74.2
109	45.3	37.1	55.7





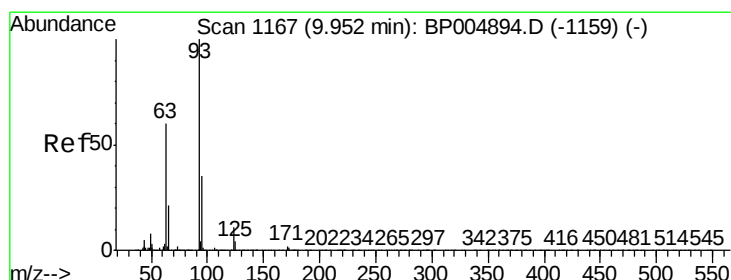
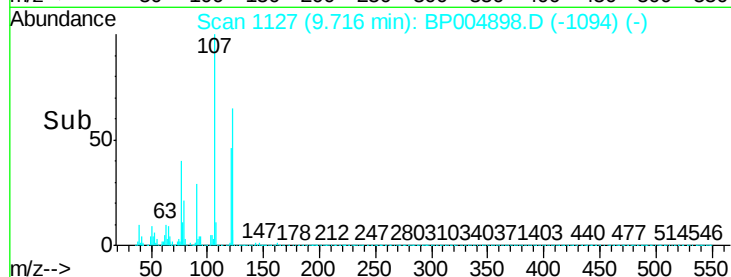
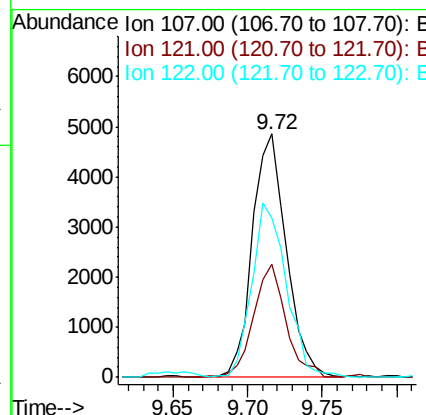
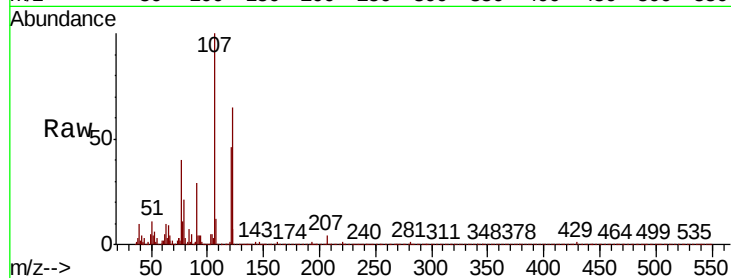
#24
2,4-Dimethylphenol
Concen: 3.560 ng/ul
RT: 9.72 min Scan# 1127
Delta R.T. -0.01 min
Lab File: BP004898.D
Acq: 03 Mar 2021 17:42

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03

Tot Ion:	107	Resp:	7641
Ion Ratio	Lower	Upper	
107	100		
121	46.2	37.1	55.7
122	65.4	61.8	92.8

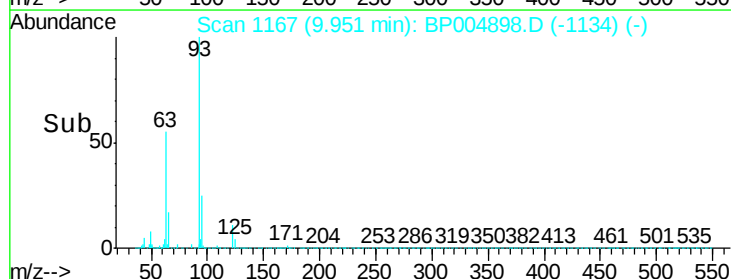
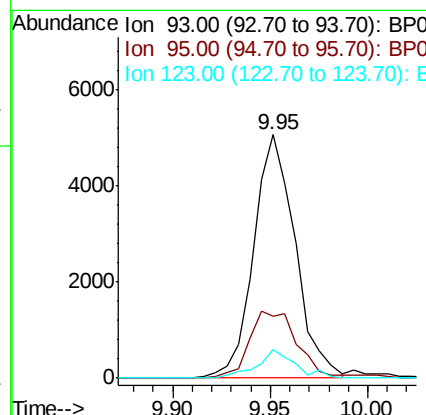
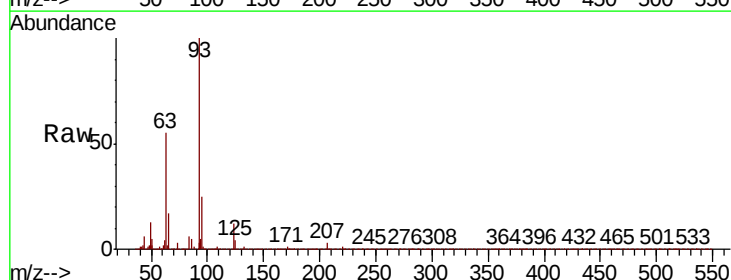
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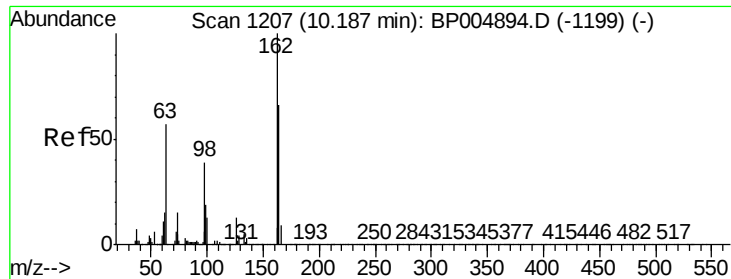
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#25
Bis(2-Chloroethoxy)methane
Concen: 3.473 ng/ul
RT: 9.95 min Scan# 1167
Delta R.T. -0.01 min
Lab File: BP004898.D
Acq: 03 Mar 2021 17:42

Tgt Ion:	93	Resp:	7444
Ion Ratio	Lower	Upper	
93	100		
95	25.3	24.3	36.5
123	11.6	8.6	13.0





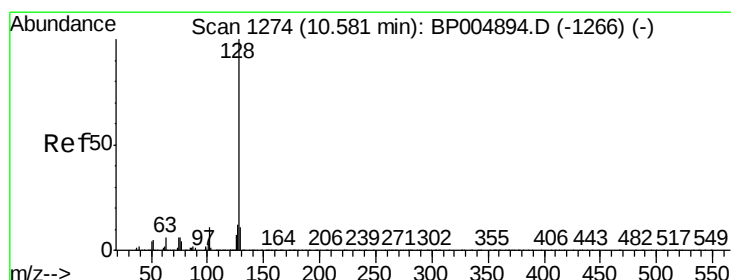
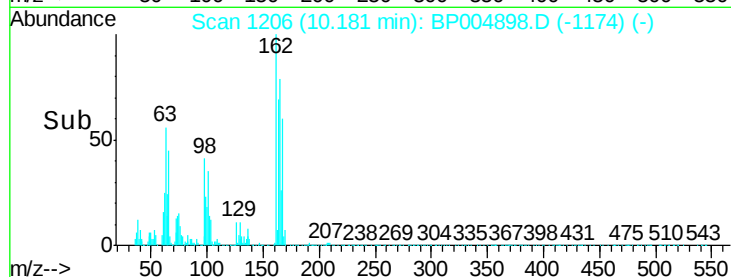
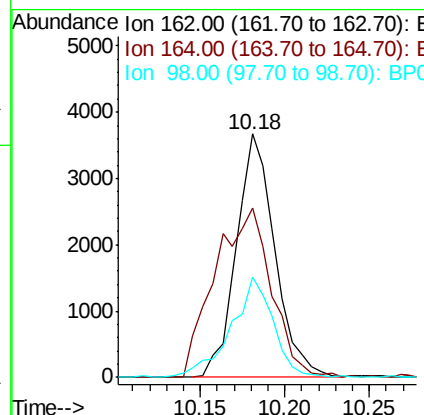
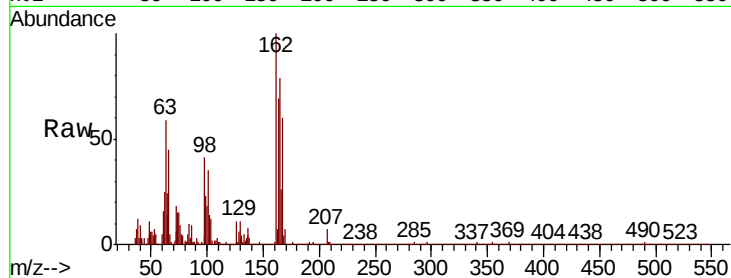
#27
2,4-Dichlorophenol
Concen: 3.486 ng/ul
RT: 10.18 min Scan# 1206
Delta R.T. -0.01 min
Lab File: BP004898.D
Acq: 03 Mar 2021 17:42

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03

Tot Ion:	162	Resp:	5828
Ion Ratio	Lower	Upper	
162	100		
164	69.4	51.8	77.6
98	41.2	32.0	48.0

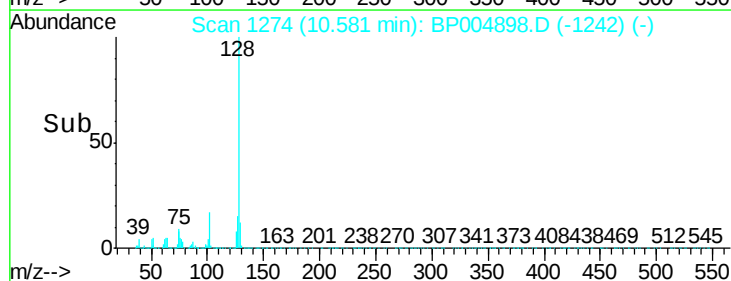
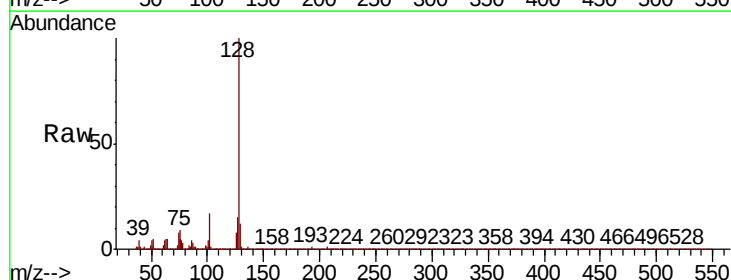
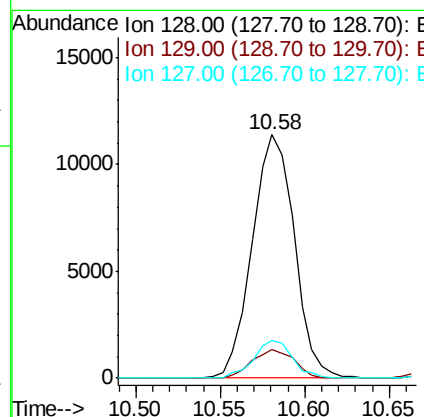
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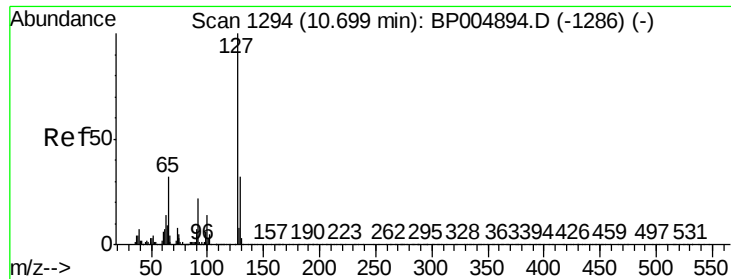
mohammad
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#28
Naphthalene
Concen: 3.561 ng/ul
RT: 10.58 min Scan# 1274
Delta R.T. -0.01 min
Lab File: BP004898.D
Acq: 03 Mar 2021 17:42

Tgt Ion:	128	Resp:	19795
Ion Ratio	Lower	Upper	
128	100		
129	12.0	9.0	13.6
127	15.4	11.4	17.2





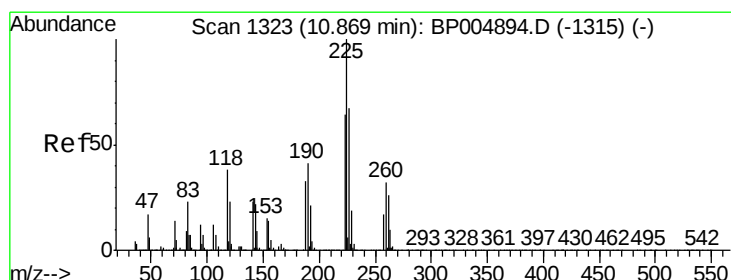
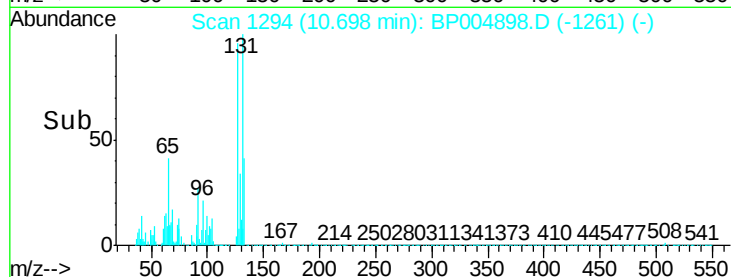
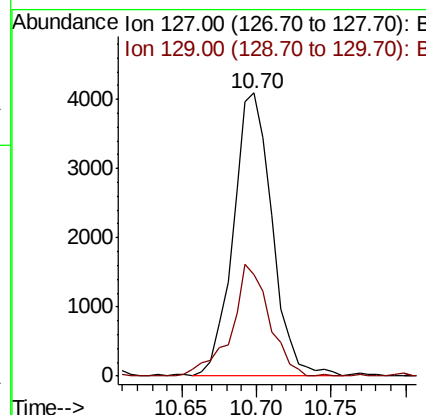
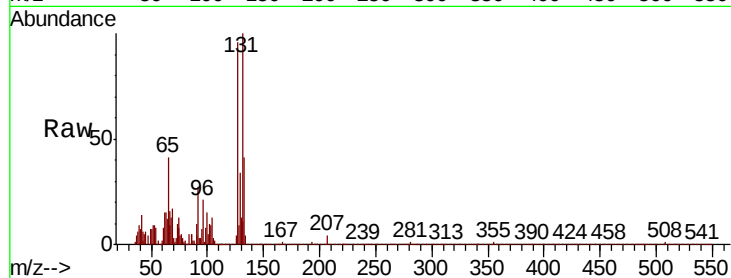
#30
4-Chloroaniline
Concen: 3.875 ng/ul
RT: 10.70 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BP004898.D
Acq: 03 Mar 2021 17:42

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03

Tot Ion:127 Resp: 7418
Ion Ratio Lower Upper
127 100
129 35.7 25.6 38.4

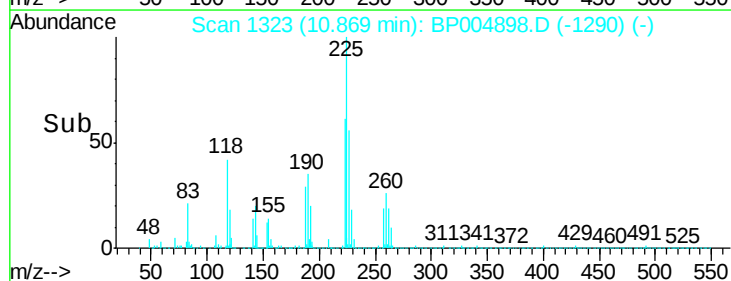
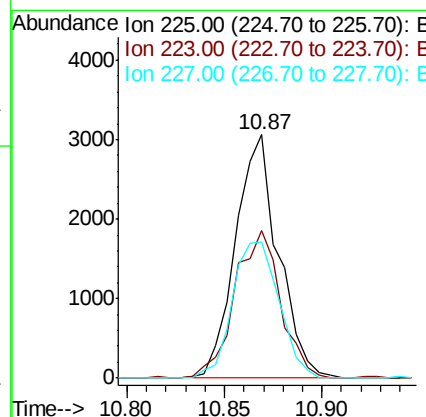
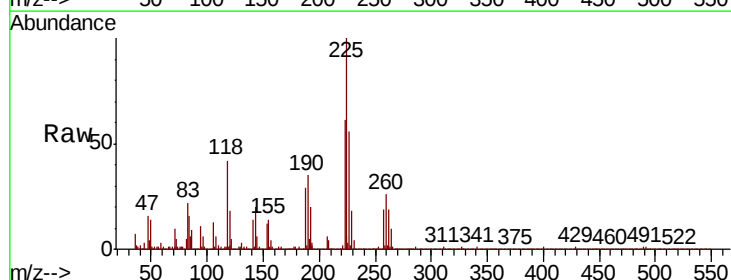
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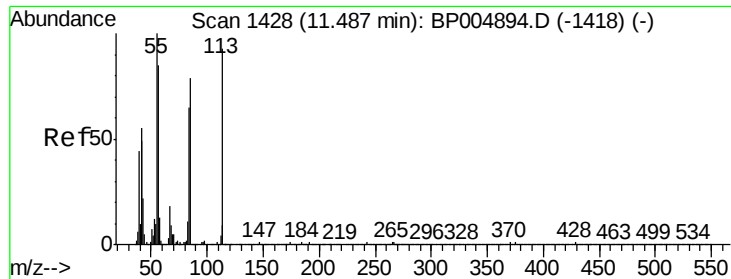
mohammad
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#31
Hexachlorobutadiene
Concen: 3.796 ng/ul
RT: 10.87 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BP004898.D
Acq: 03 Mar 2021 17:42

Tgt Ion:225 Resp: 4648
Ion Ratio Lower Upper
225 100
223 59.2 51.2 76.8
227 56.5 51.4 77.2





#32

Caprolactam

Concen: 2.797 ng/ul m

RT: 11.51 min Scan# 1432

Delta R.T. 0.02 min

Lab File: BP004898.D

Acq: 03 Mar 2021 17:42

Instrument :

BNA_P

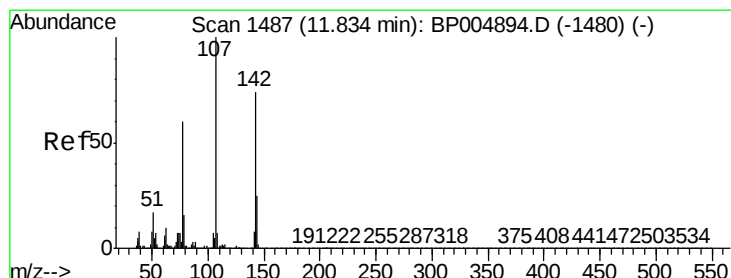
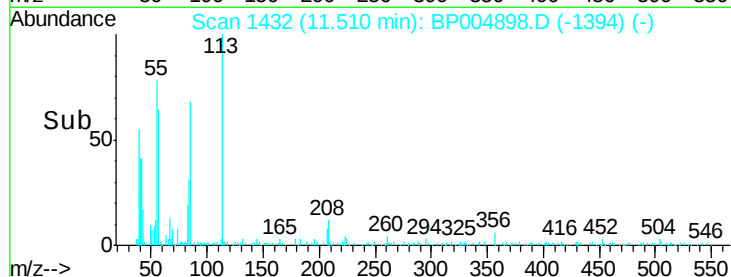
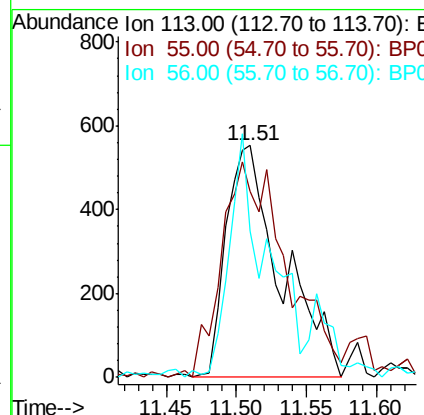
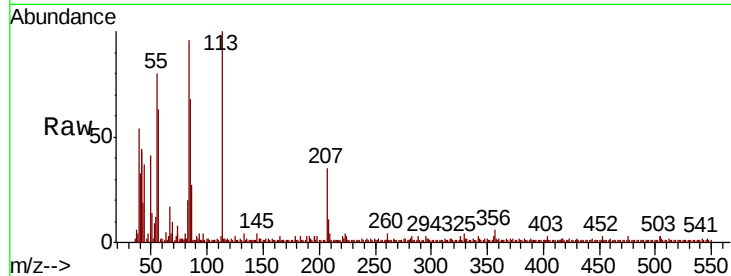
ClientSampleId :

MDL-SOIL-03

Tot Ion:	113	Resp:	1519
Ion Ratio	Lower	Upper	
113	100		
55	80.5	69.5	104.3
56	63.1	65.8	98.6

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#33

4-Chloro-3-methylphenol

Concen: 3.056 ng/ul

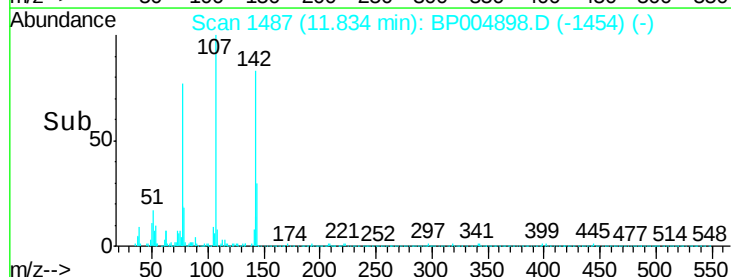
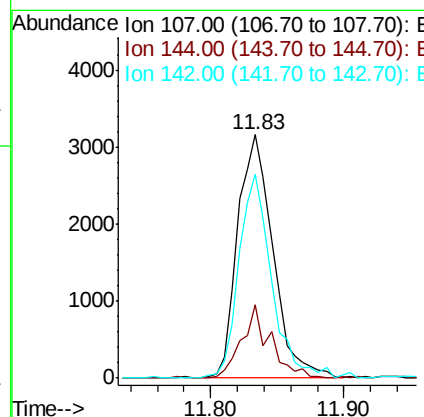
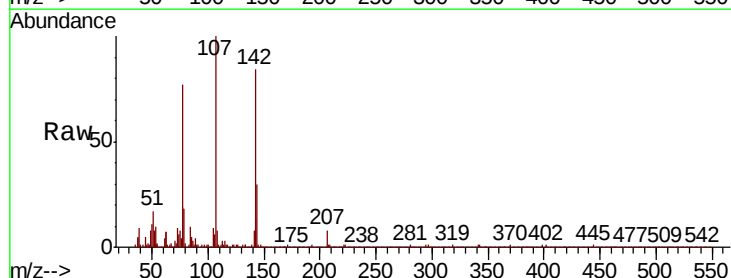
RT: 11.83 min Scan# 1487

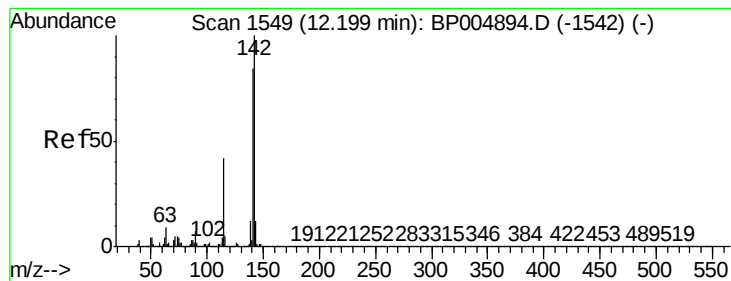
Delta R.T. -0.01 min

Lab File: BP004898.D

Acq: 03 Mar 2021 17:42

Tgt Ion:	107	Resp:	5818
Ion Ratio	Lower	Upper	
107	100		
144	30.2	17.3	25.9
142	83.6	56.6	84.8





#34

2-Methylnaphthalene

Concen: 3.363 ng/ul

RT: 12.20 min Scan# 1550

Delta R.T. -0.01 min

Lab File: BP004898.D

Acq: 03 Mar 2021 17:42

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-03

Tot Ion:142 Resp: 13300

Ion Ratio Lower Upper

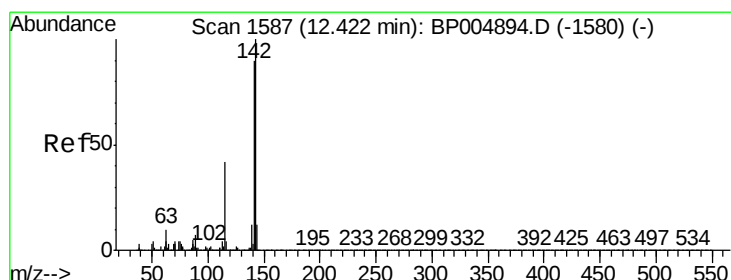
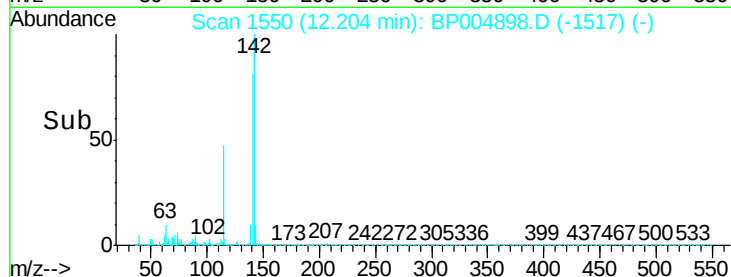
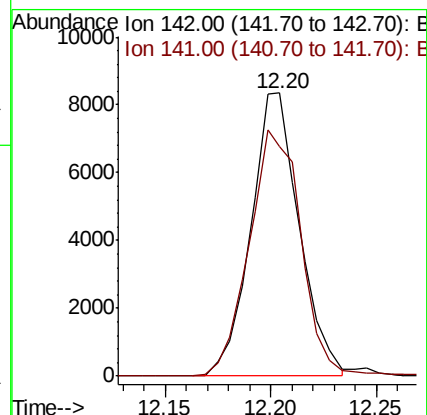
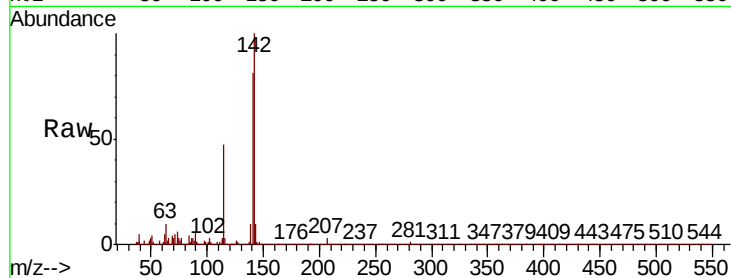
142 100

141 81.2 69.4 104.2

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#35

1-Methylnaphthalene

Concen: 3.340 ng/ul

RT: 12.42 min Scan# 1587

Delta R.T. -0.01 min

Lab File: BP004898.D

Acq: 03 Mar 2021 17:42

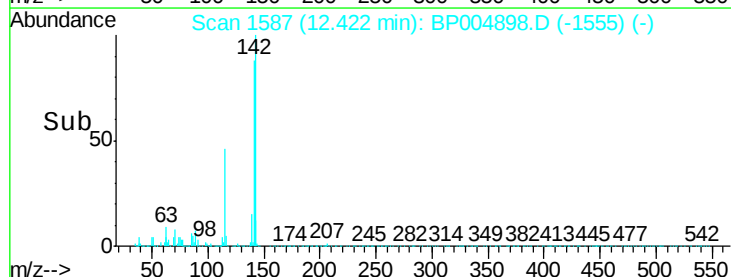
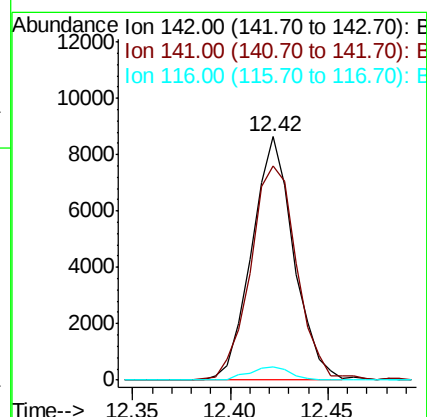
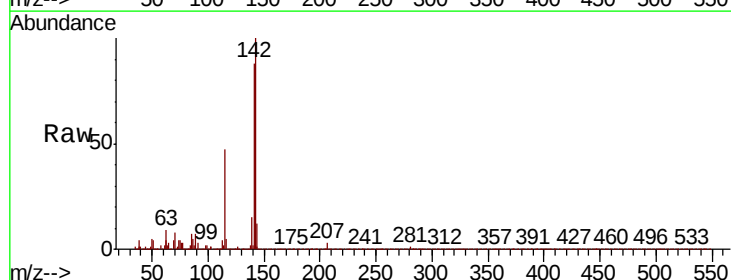
Tgt Ion:142 Resp: 12837

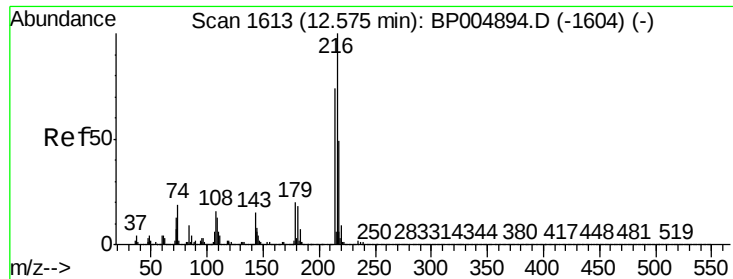
Ion Ratio Lower Upper

142 100

141 87.8 71.5 107.3

116 5.4 3.4 5.0#





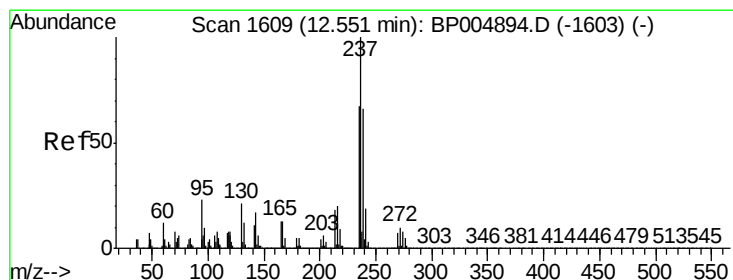
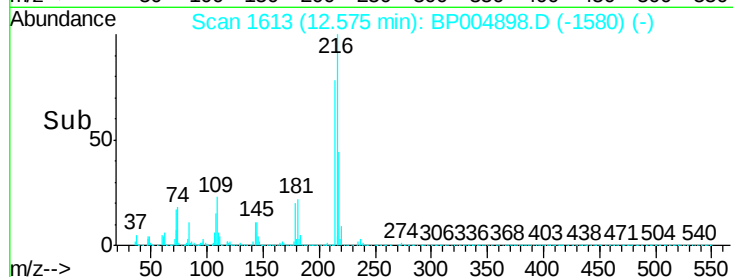
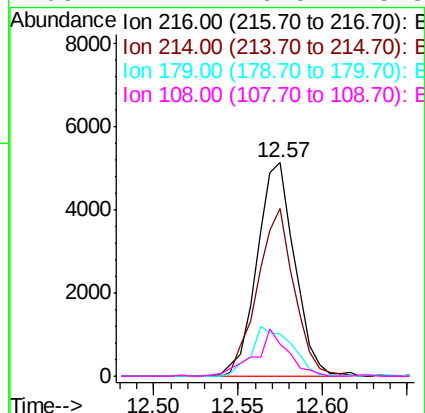
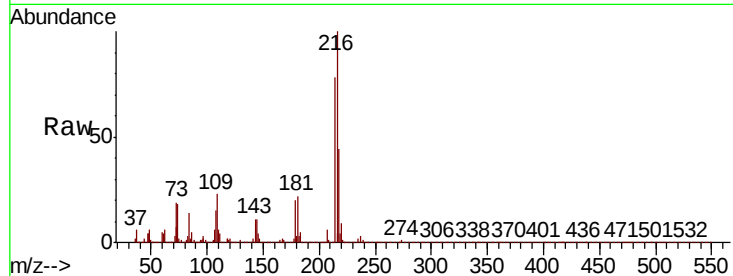
#37
 1,2,4,5-Tetrachlorobenzene
 Concen: 3.676 ng/ul
 RT: 12.57 min Scan# 1613
 Delta R.T. -0.01 min
 Lab File: BP004898.D
 Acq: 03 Mar 2021 17:42

Instrument :
 BNA_P
 ClientSampleId :
 MDL-SOIL-03

Tot Ion	Ratio	Lower	Upper
216	100		
214	75.0	62.3	93.5
179	18.7	17.2	25.8
108	14.2	15.5	23.3

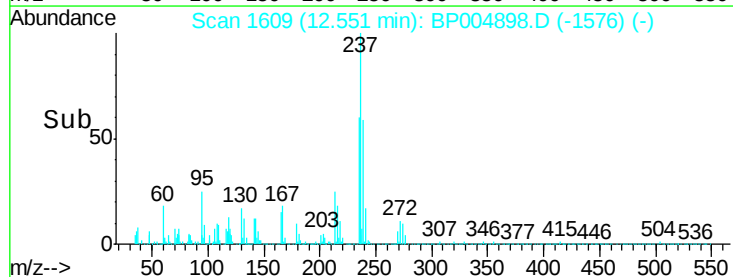
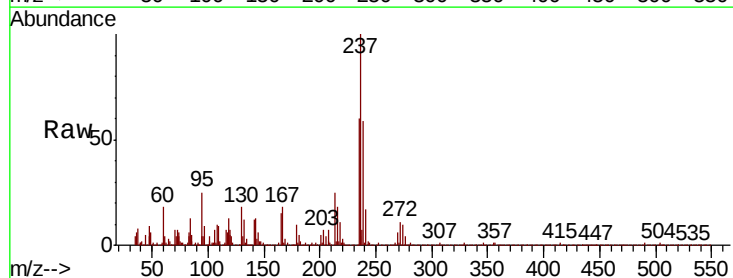
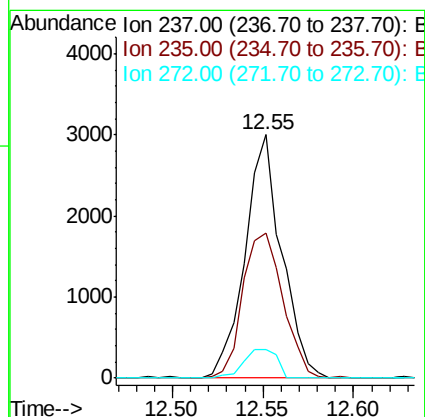
Manual Integrations
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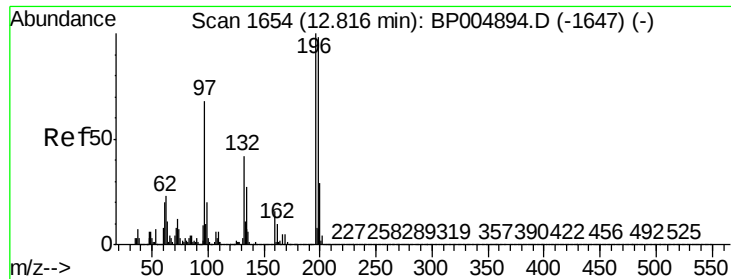
mohammad
 3/4/2021 11:33:39 AM



#38
 Hexachlorocyclopentadiene
 Concen: 3.053 ng/ul
 RT: 12.55 min Scan# 1609
 Delta R.T. -0.01 min
 Lab File: BP004898.D
 Acq: 03 Mar 2021 17:42

Tgt Ion	Ratio	Lower	Upper
237	100		
235	55.8	49.4	74.0
272	10.7	10.6	15.8





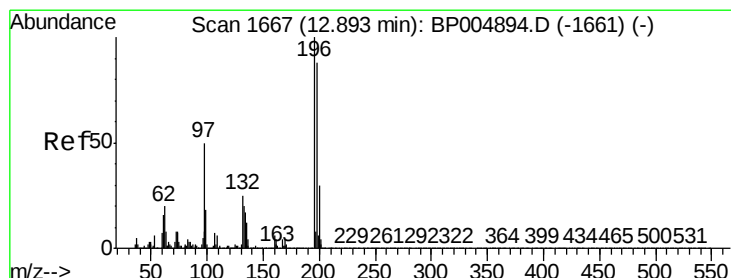
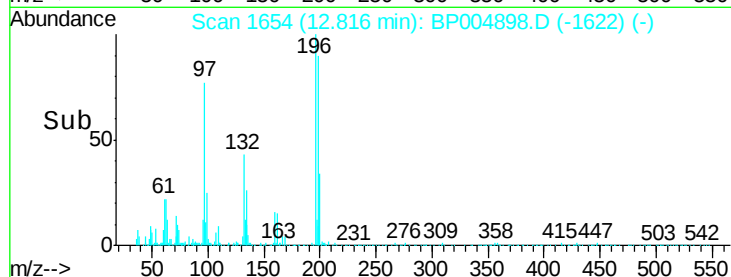
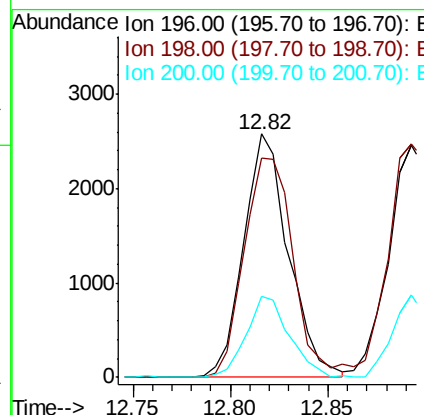
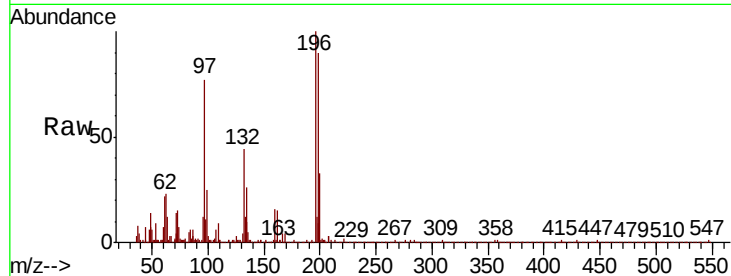
#39
 2,4,6-Trichlorophenol
 Concen: 3.026 ng/ul
 RT: 12.82 min Scan# 1654
 Delta R.T. -0.01 min
 Lab File: BP004898.D
 Acq: 03 Mar 2021 17:42

Instrument :
 BNA_P
 ClientSampleId :
 MDL-SOIL-03

Tot Ion	Ratio	Lower	Upper
196	100		
198	90.0	78.0	117.0
200	33.5	23.8	35.8

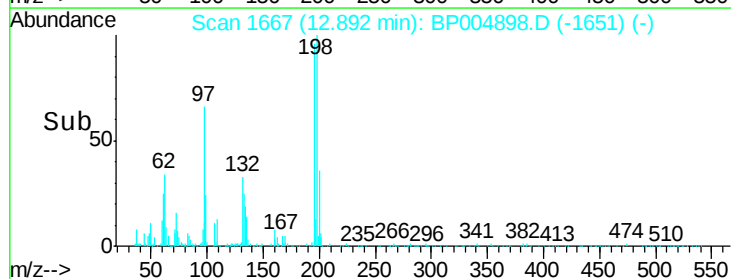
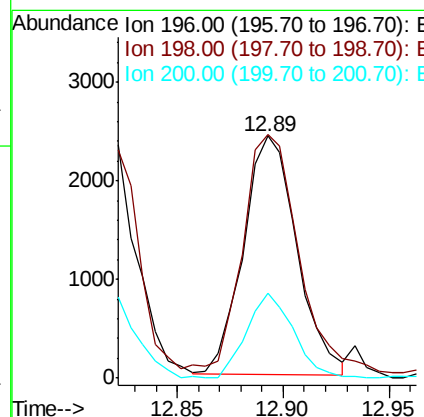
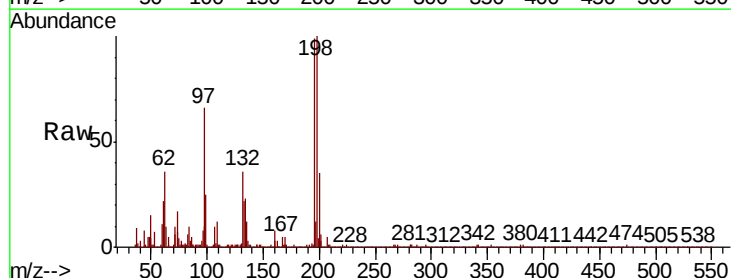
Manual Integrations
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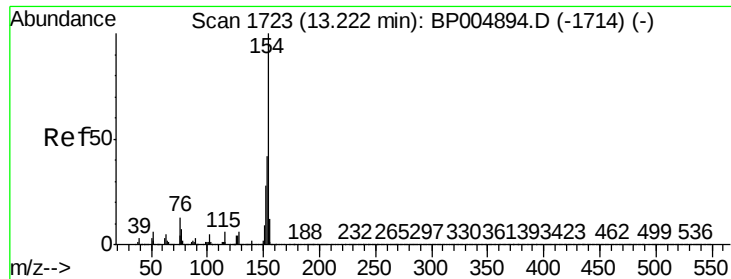
mohammad
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#40
 2,4,5-Trichlorophenol
 Concen: 2.939 ng/ul
 RT: 12.89 min Scan# 1667
 Delta R.T. -0.01 min
 Lab File: BP004898.D
 Acq: 03 Mar 2021 17:42

Tgt Ion	Ratio	Lower	Upper
196	100		
198	105.1	72.8	109.2
200	35.3	23.7	35.5





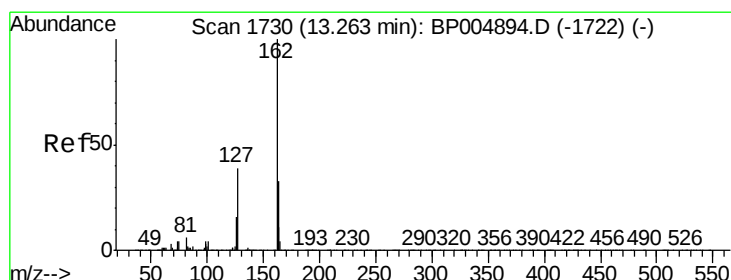
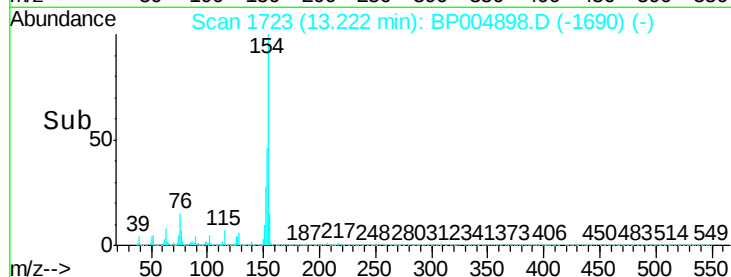
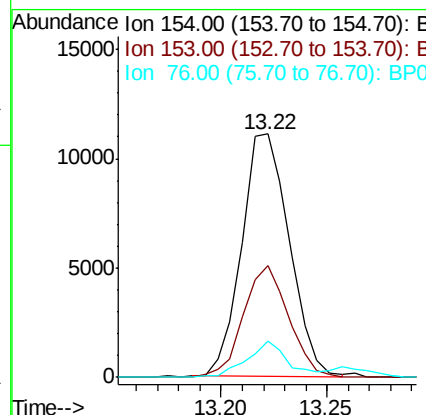
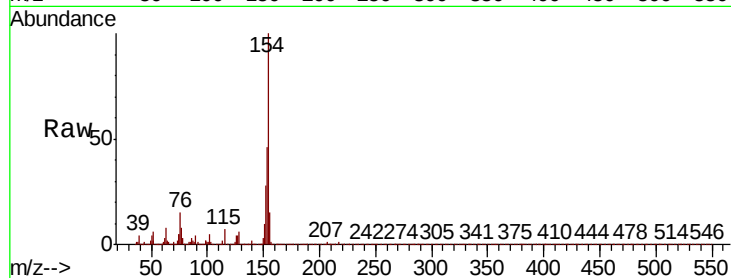
#41
1,1'-Biphenyl
Concen: 3.419 ng/ul
RT: 13.22 min Scan# 1723
Delta R.T. -0.01 min
Lab File: BP004898.D
Acq: 03 Mar 2021 17:42

Instrument :
BNA_P
ClientSampled :
MDL-SOIL-03

Tot Ion	Ratio	Lower	Upper
154	100		
153	45.7	33.2	49.8
76	15.0	9.8	14.6

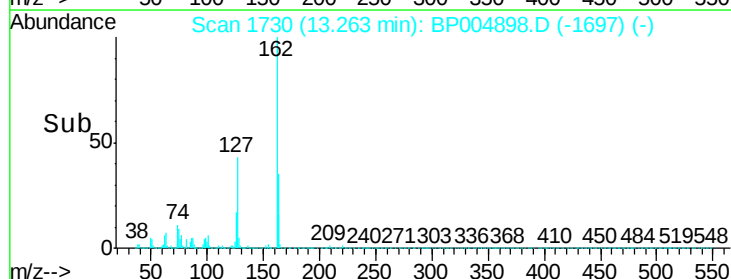
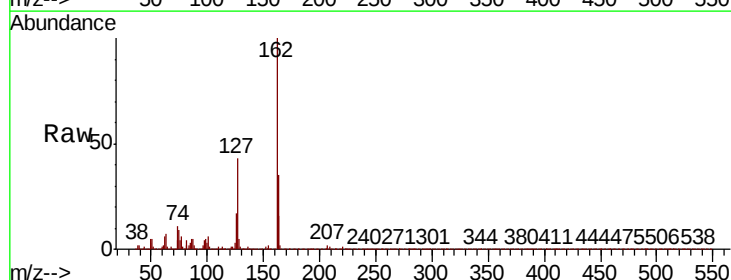
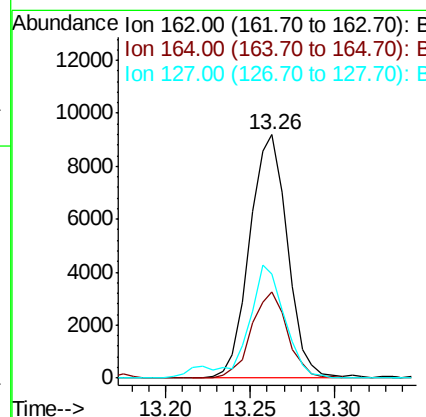
Manual Integrations
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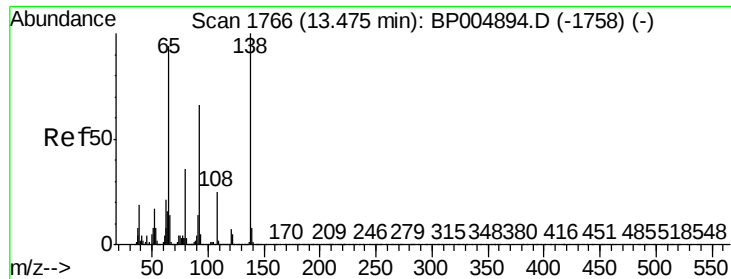
mohammad
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#42
2-Chloronaphthalene
Concen: 3.597 ng/ul
RT: 13.26 min Scan# 1730
Delta R.T. -0.01 min
Lab File: BP004898.D
Acq: 03 Mar 2021 17:42

Tgt Ion	Ratio	Lower	Upper
162	100		
164	35.4	25.7	38.5
127	42.5	33.5	50.3





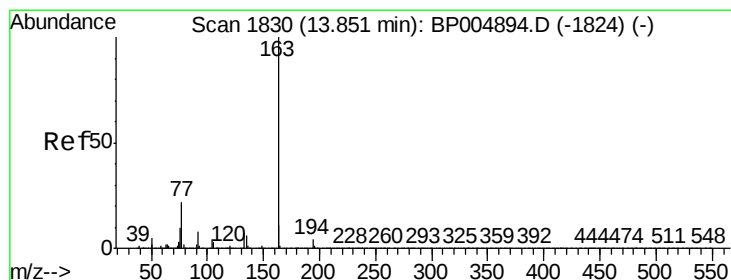
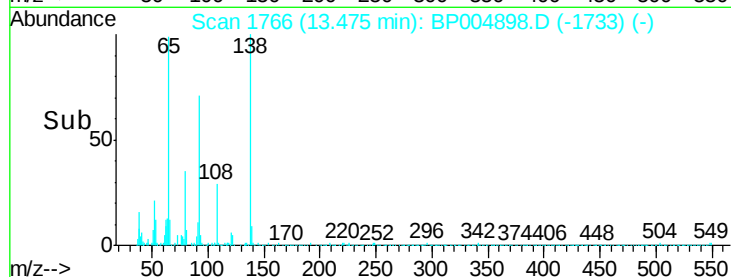
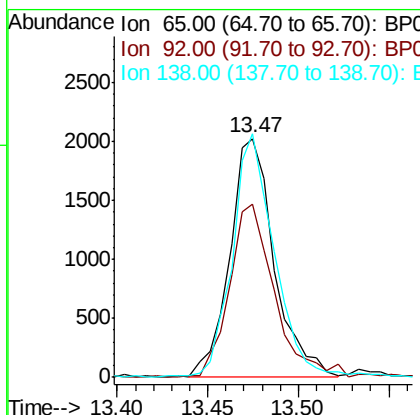
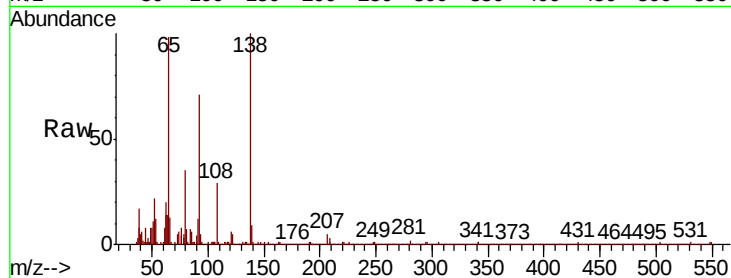
#43
2-Nitroaniline
Concen: 3.048 ng/ul
RT: 13.47 min Scan# 1766
Delta R.T. -0.01 min
Lab File: BP004898.D
Acq: 03 Mar 2021 17:42

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03

Tot Ion	Ratio	Lower	Upper
65	100		
92	72.4	55.3	82.9
138	101.8	79.0	118.6

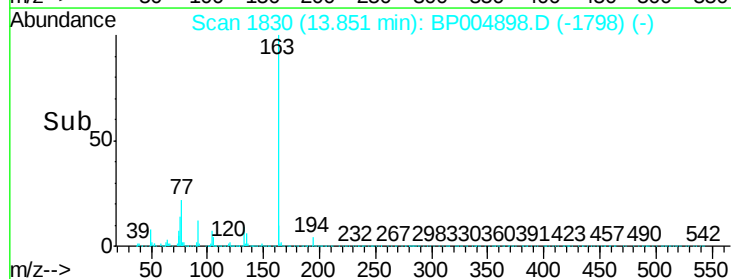
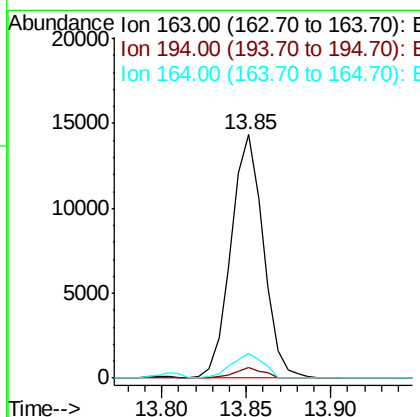
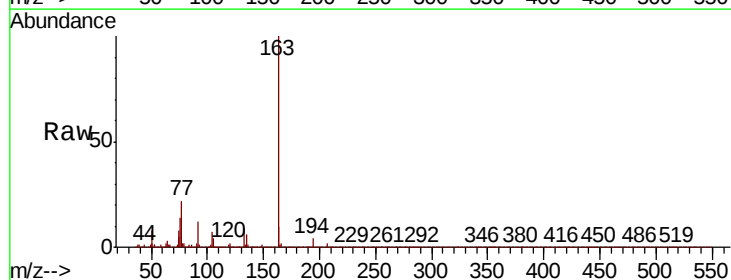
Manual Integrations
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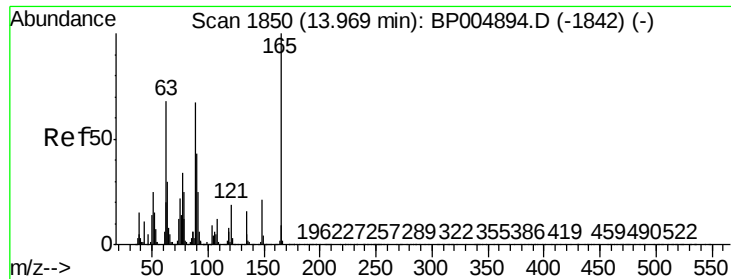
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#45
Dimethylphthalate
Concen: 3.767 ng/ul
RT: 13.85 min Scan# 1830
Delta R.T. -0.01 min
Lab File: BP004898.D
Acq: 03 Mar 2021 17:42

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.8	5.6
164	10.0	7.8	11.8





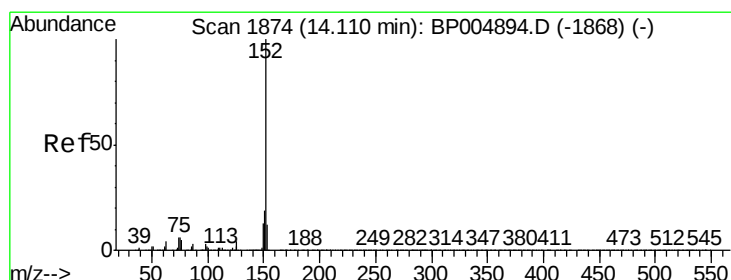
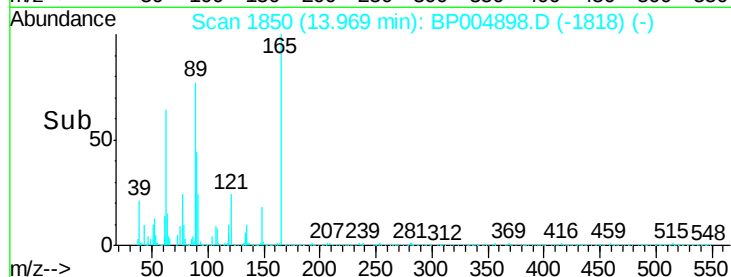
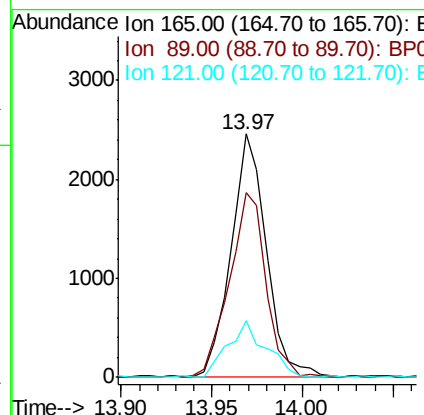
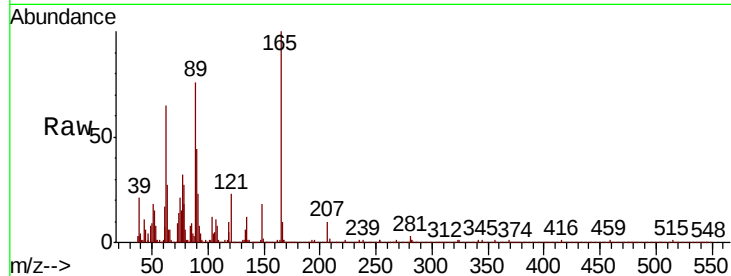
#46
 2,6-Dinitrotoluene
 Concen: 3.293 ng/ul
 RT: 13.97 min Scan# 1850
 Delta R.T. -0.01 min
 Lab File: BP004898.D
 Acq: 03 Mar 2021 17:42

Instrument :
 BNA_P
 ClientSampleId :
 MDL-SOIL-03

Tot Ion	Ratio	Lower	Upper
165	100		
89	75.9	54.3	81.5
121	23.1	18.2	27.2

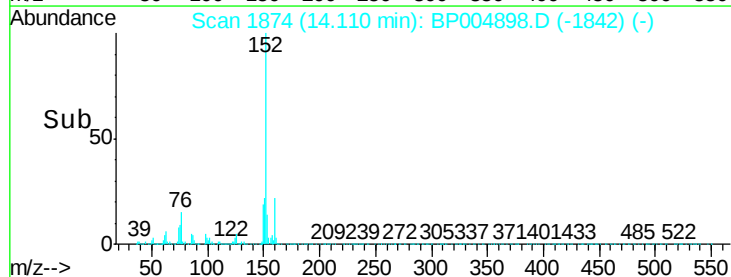
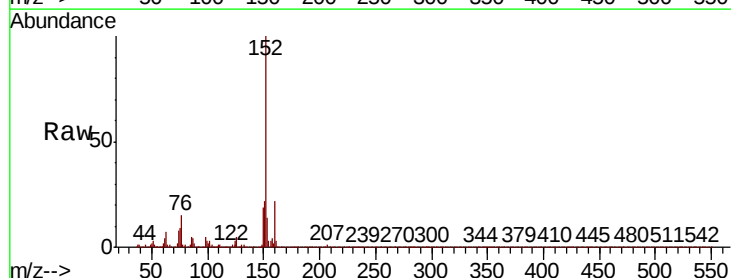
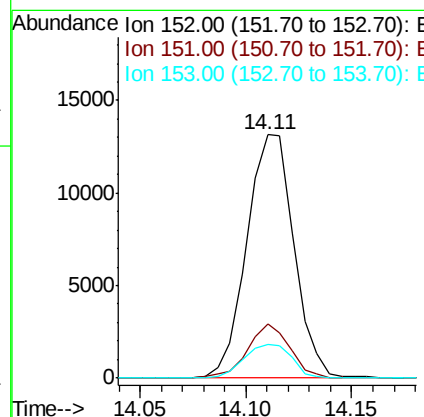
Manual Integrations
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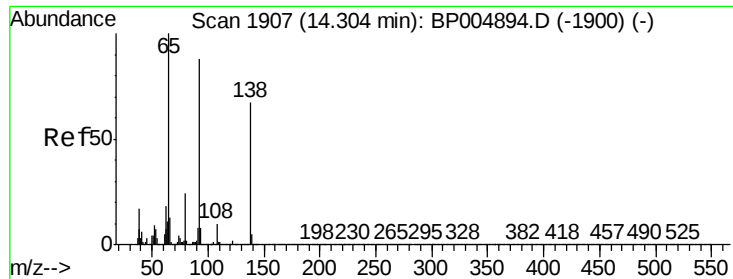
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#48
 Acenaphthylene
 Concen: 3.512 ng/ul
 RT: 14.11 min Scan# 1874
 Delta R.T. -0.01 min
 Lab File: BP004898.D
 Acq: 03 Mar 2021 17:42

Tgt Ion	Ratio	Lower	Upper
152	100		
151	22.3	15.7	23.5
153	13.6	10.2	15.4





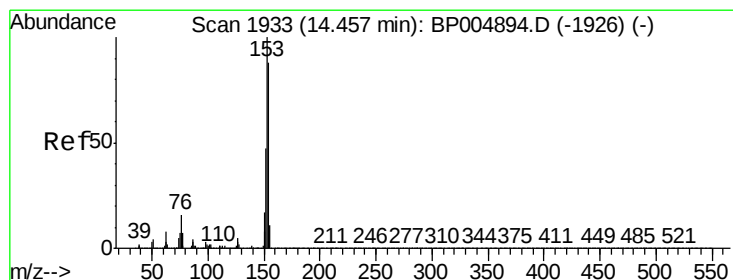
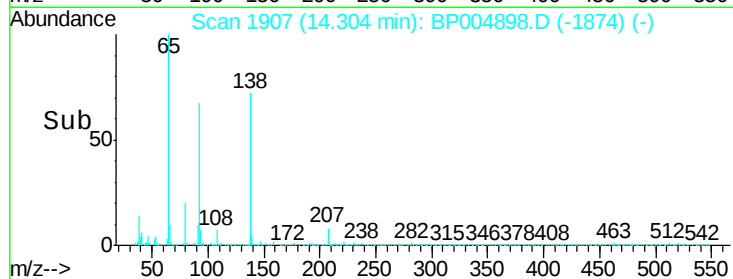
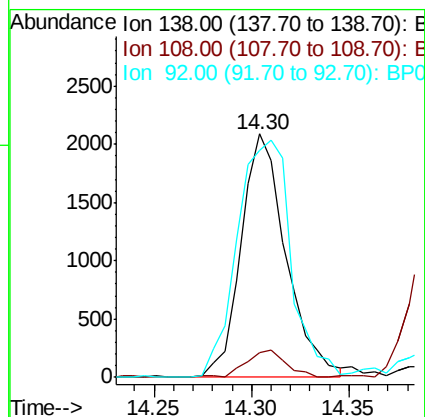
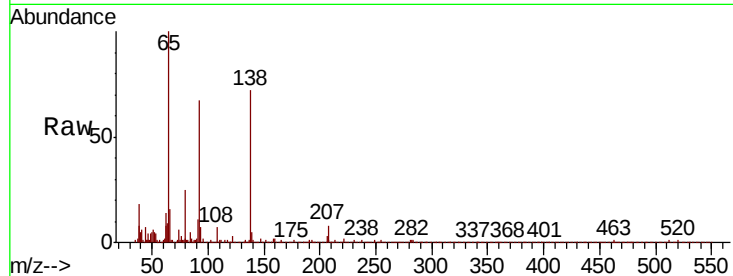
#49
3-Nitroaniline
Concen: 3.581 ng/ul
RT: 14.30 min Scan# 1907
Delta R.T. -0.01 min
Lab File: BP004898.D
Acq: 03 Mar 2021 17:42

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.0	10.1	15.1#
92	93.0	99.7	149.5#

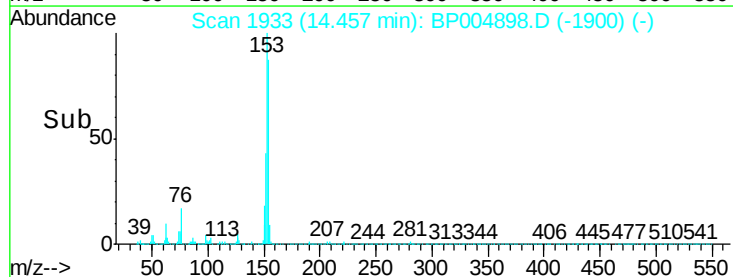
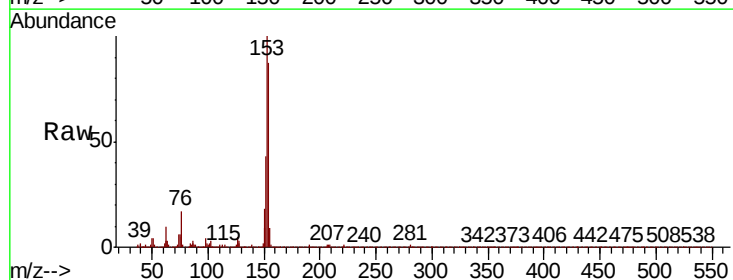
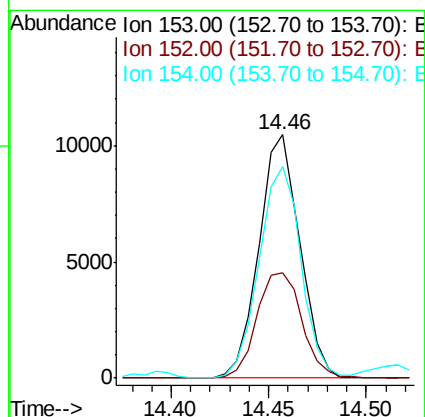
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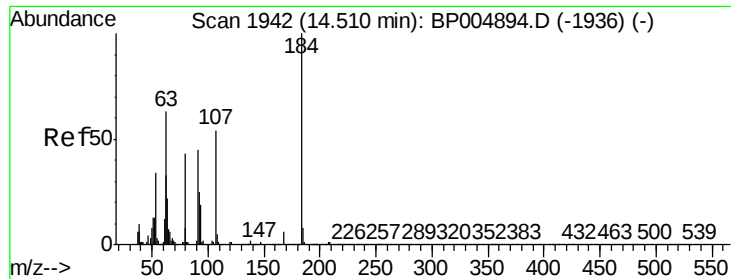
mohammad
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#50
Acenaphthene
Concen: 3.615 ng/ul
RT: 14.46 min Scan# 1933
Delta R.T. -0.01 min
Lab File: BP004898.D
Acq: 03 Mar 2021 17:42

Tgt Ion	Ratio	Lower	Upper
153	100		
152	43.2	38.7	58.1
154	87.1	72.2	108.2





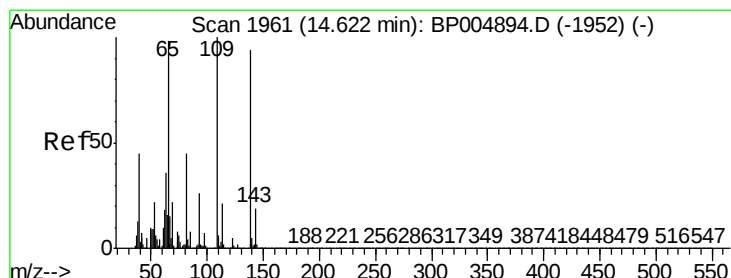
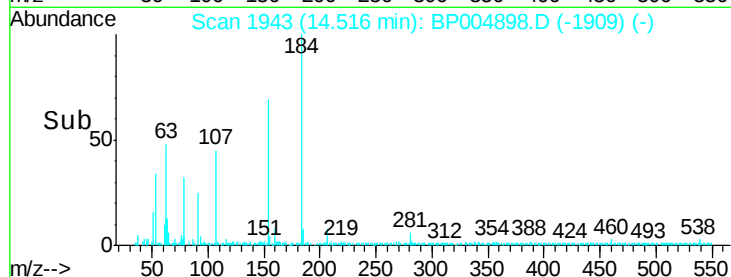
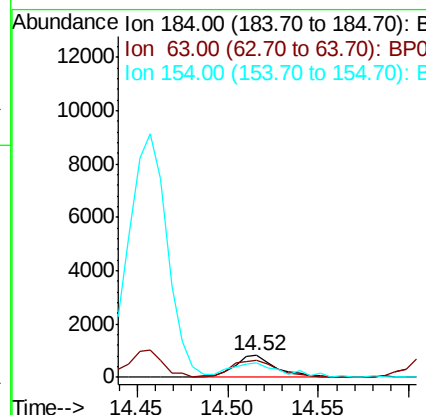
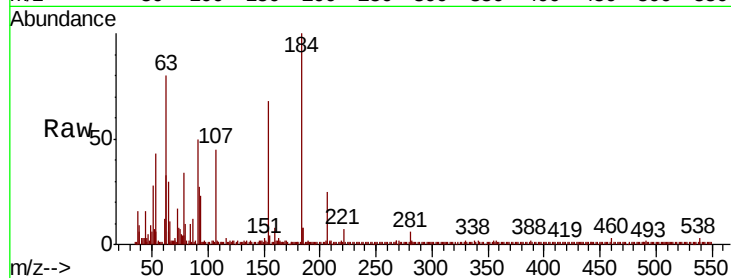
#51
2,4-Dinitrophenol
Concen: 2.013 ng/ul
RT: 14.52 min Scan# 1943
Delta R.T. 0.00 min
Lab File: BP004898.D
Acq: 03 Mar 2021 17:42

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03

Tot Ion	Ratio	Lower	Upper
184	100		
63	79.7	58.3	87.5
154	68.3	52.0	78.0

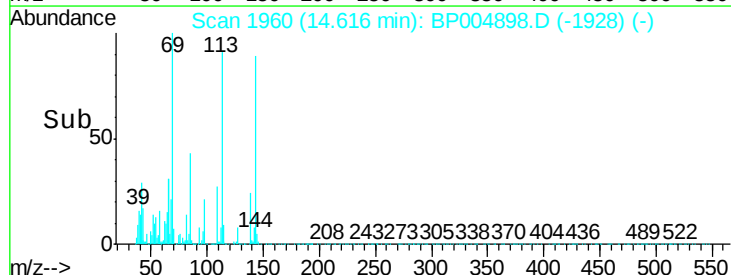
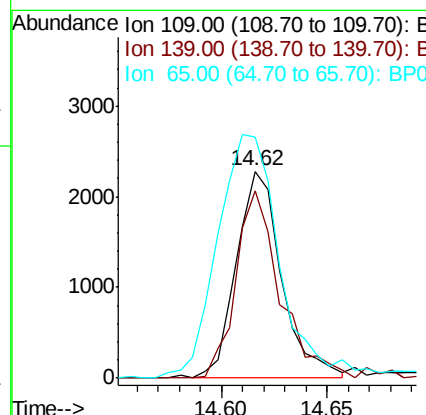
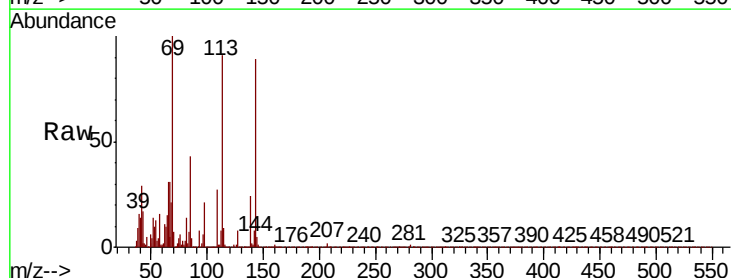
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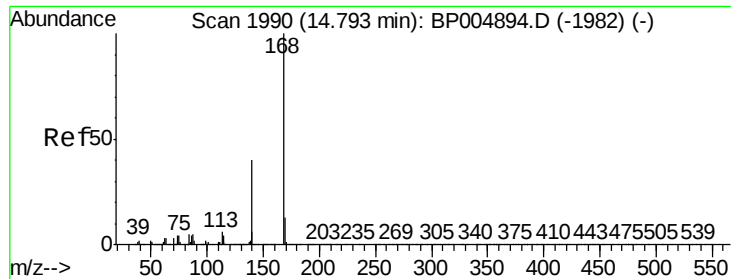
mohammad
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#53
4-Nitrophenol
Concen: 3.501 ng/ul
RT: 14.62 min Scan# 1960
Delta R.T. -0.01 min
Lab File: BP004898.D
Acq: 03 Mar 2021 17:42

Tgt Ion	Ratio	Lower	Upper
109	100		
139	90.4	77.6	116.4
65	116.7	85.5	128.3





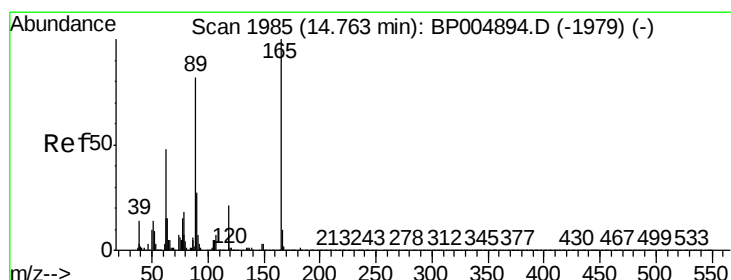
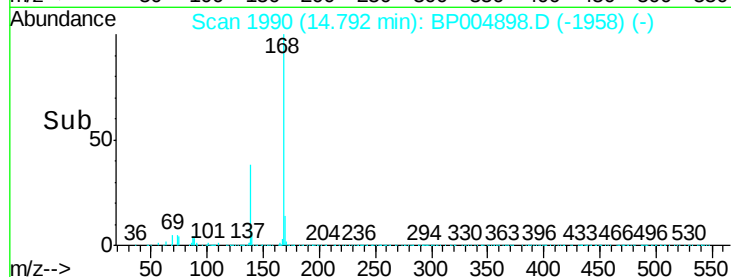
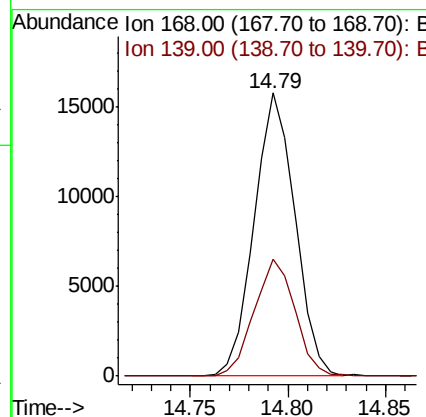
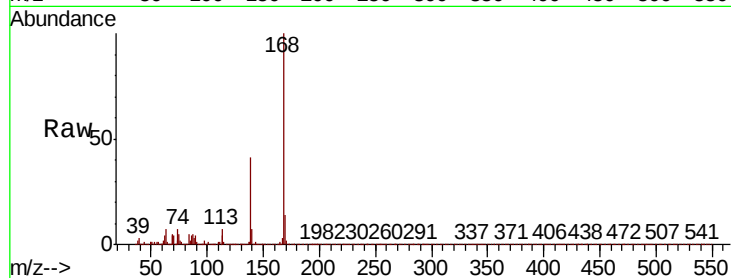
#54
Dibenzenofuran
Concen: 3.747 ng/ul
RT: 14.79 min Scan# 1990
Delta R.T. -0.01 min
Lab File: BP004898.D
Acq: 03 Mar 2021 17:42

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03

Tot Ion	Ratio	Lower	Upper
168	100		
139	41.5	32.6	48.8

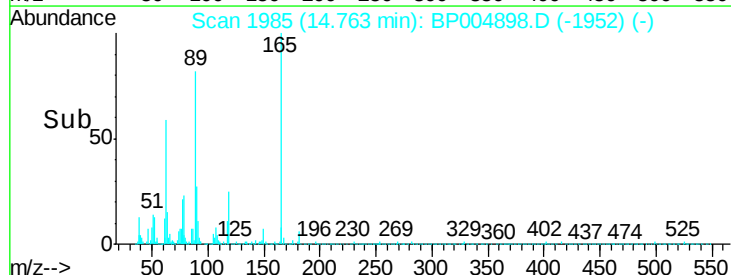
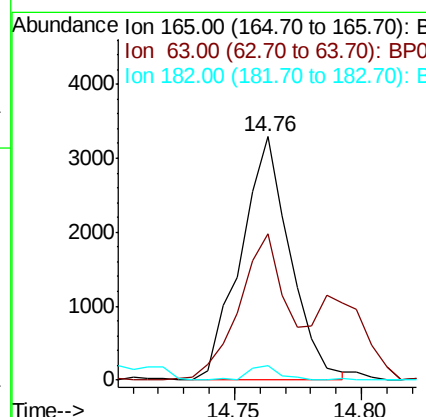
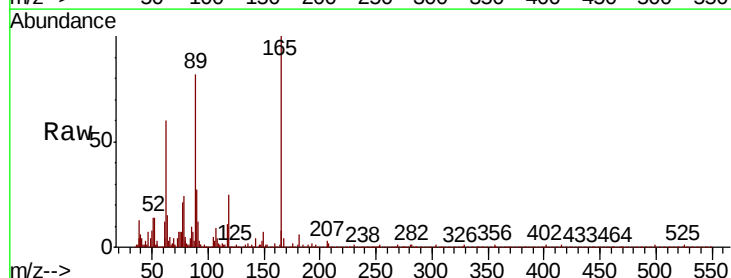
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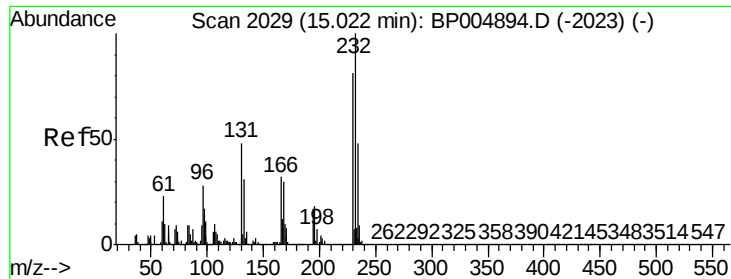
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#55
2,4-Dinitrotoluene
Concen: 2.992 ng/ul
RT: 14.76 min Scan# 1985
Delta R.T. -0.01 min
Lab File: BP004898.D
Acq: 03 Mar 2021 17:42

Tgt Ion	Ratio	Lower	Upper
165	100		
63	60.1	42.2	63.2
182	6.2	3.0	4.4





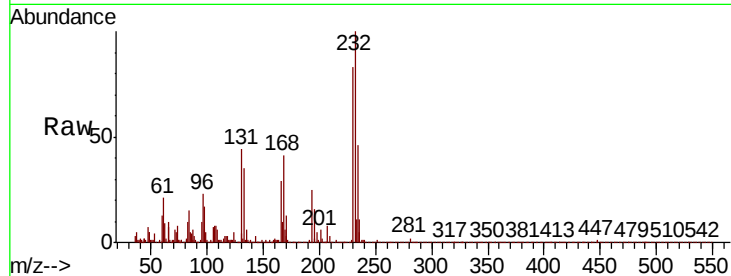
#56
 2,3,4,6-Tetrachlorophenol
 Concen: 3.277 ng/ul
 RT: 15.02 min Scan# 2029
 Delta R.T. -0.01 min
 Lab File: BP004898.D
 Acq: 03 Mar 2021 17:42

Instrument :
 BNA_P
 ClientSampleId :
 MDL-SOIL-03

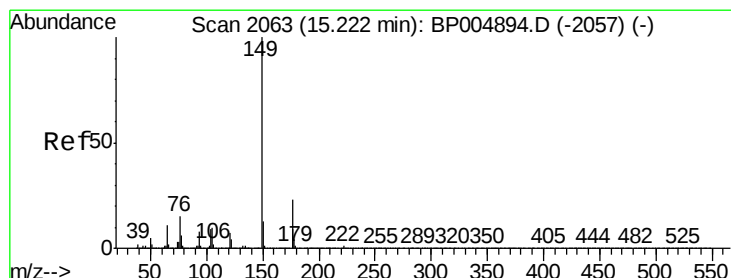
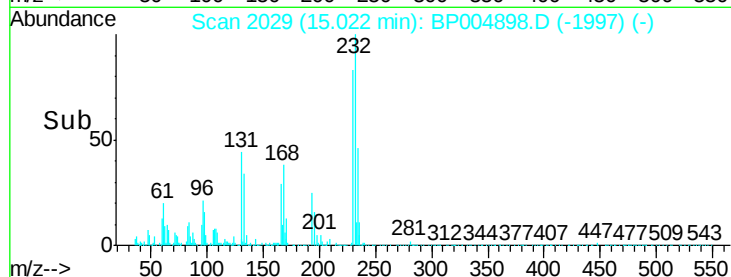
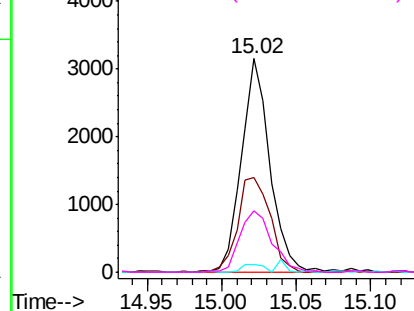
Tot Ion:	232	Resp:	4210
Ion Ratio	Lower	Upper	
232	100		
131	44.3	38.2	57.4
130	3.6	2.5	3.7
166	28.7	26.6	40.0

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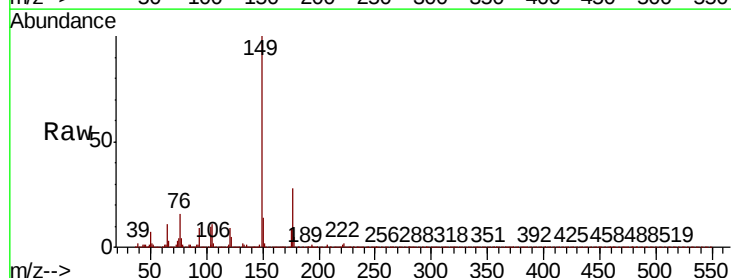


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

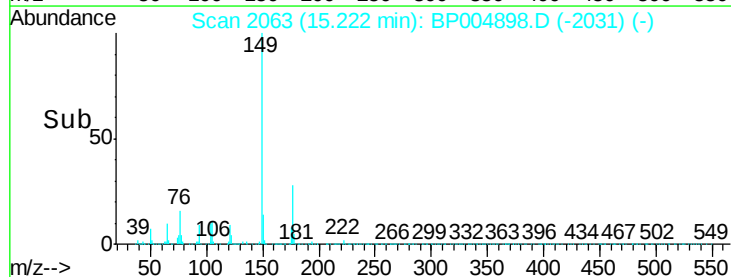
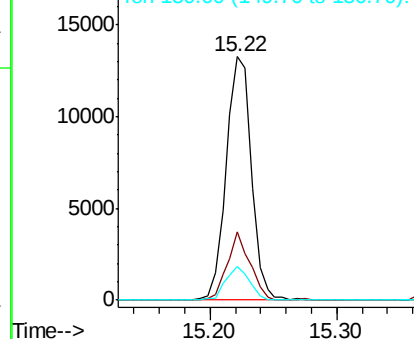


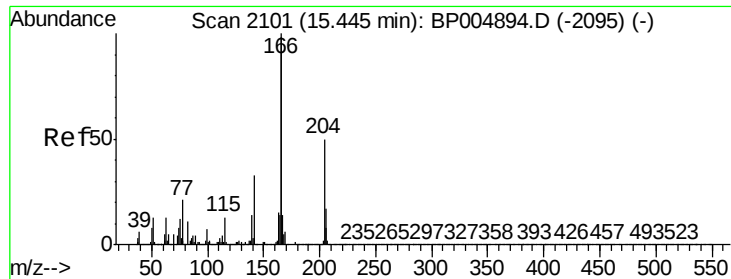
#57
 Diethylphthalate
 Concen: 3.552 ng/ul
 RT: 15.22 min Scan# 2063
 Delta R.T. -0.01 min
 Lab File: BP004898.D
 Acq: 03 Mar 2021 17:42

Tgt Ion:	149	Resp:	18261
Ion Ratio	Lower	Upper	
149	100		
177	28.0	18.4	27.6#
150	13.7	10.7	16.1



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E





#59

Fluorene

Concen: 3.508 ng/ul

RT: 15.45 min Scan# 2101

Delta R.T. -0.01 min

Lab File: BP004898.D

Acq: 03 Mar 2021 17:42

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-03

Tot Ion:166 Resp: 17822

Ion Ratio Lower Upper

166 100

165 103.4 75.2 112.8

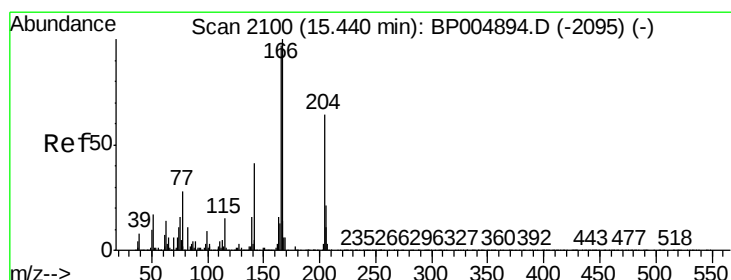
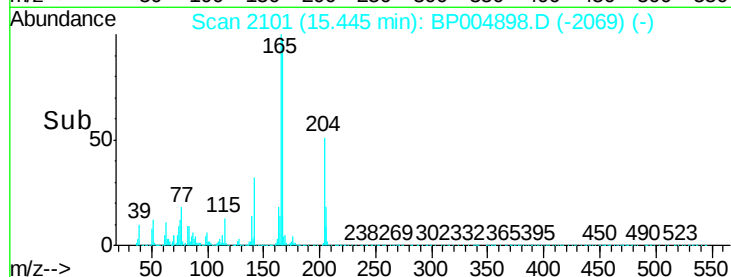
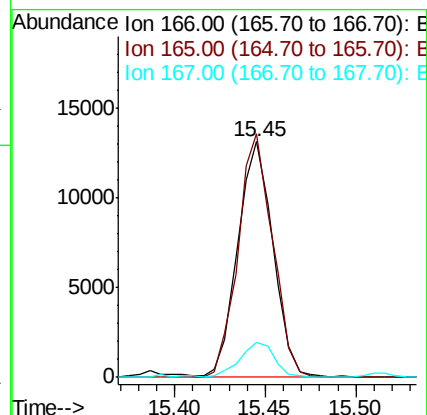
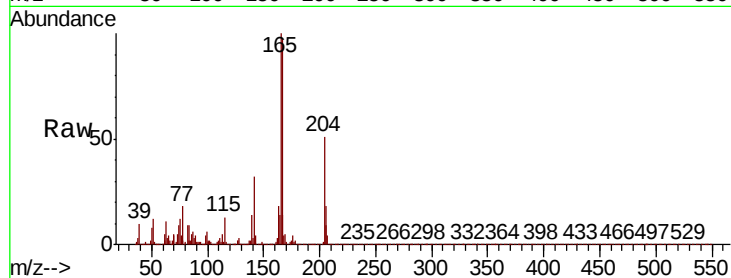
167 14.6 10.8 16.2

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#60

4-Chlorophenyl-phenylether

Concen: 3.684 ng/ul

RT: 15.45 min Scan# 2101

Delta R.T. -0.01 min

Lab File: BP004898.D

Acq: 03 Mar 2021 17:42

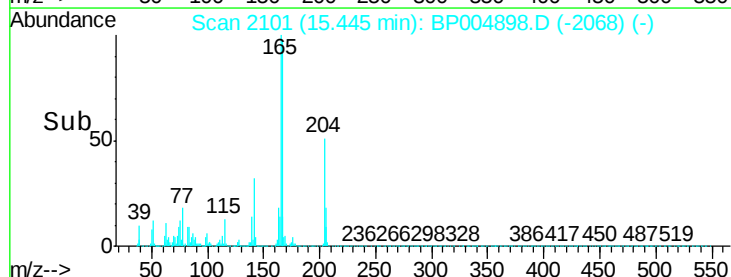
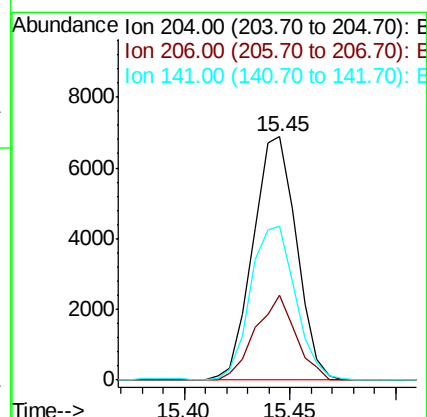
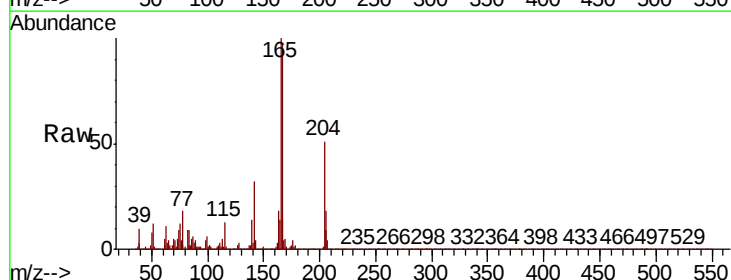
Tgt Ion:204 Resp: 9860

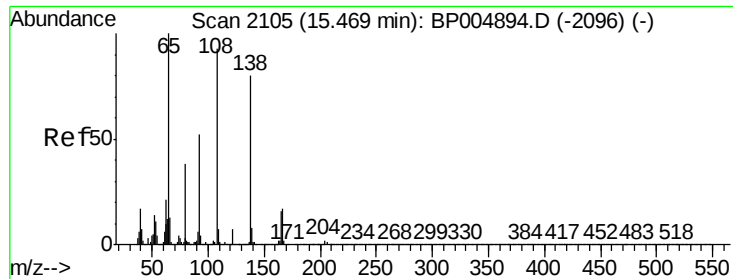
Ion Ratio Lower Upper

204 100

206 34.8 26.3 39.5

141 63.4 48.2 72.2





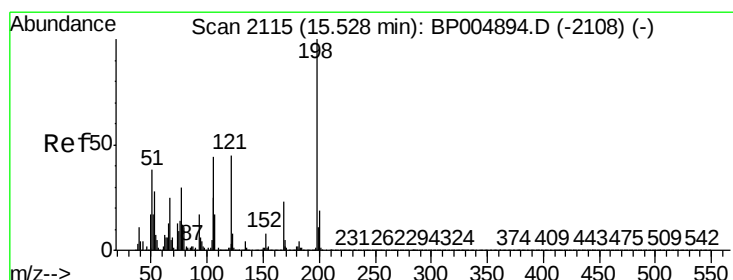
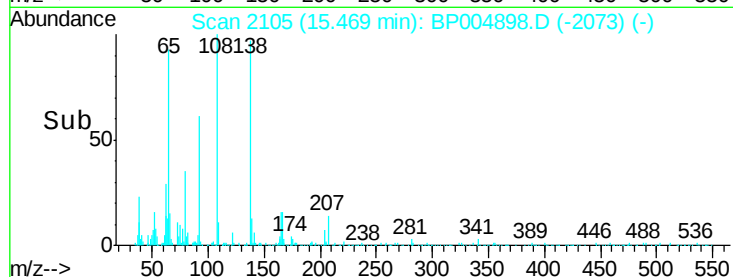
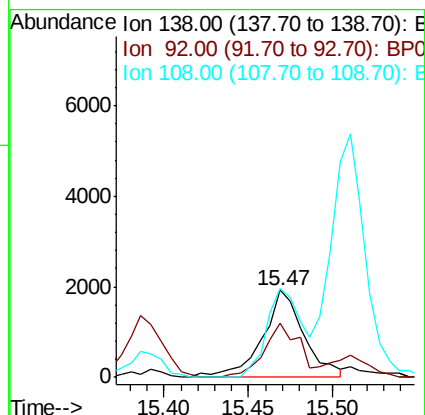
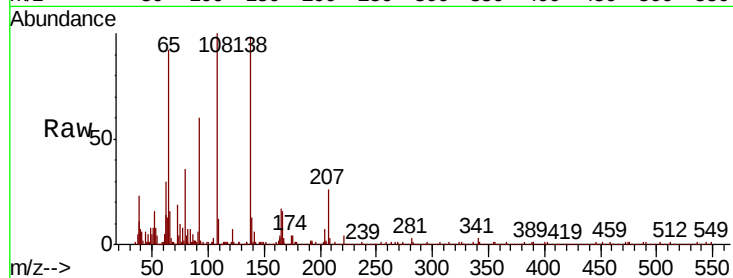
#61
4-Nitroaniline
Concen: 3.071 ng/ul
RT: 15.47 min Scan# 2105
Delta R.T. -0.01 min
Lab File: BP004898.D
Acq: 03 Mar 2021 17:42

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03

Tot Ion	Ratio	Lower	Upper
138	100		
92	61.5	46.1	69.1
108	102.0	94.0	141.0

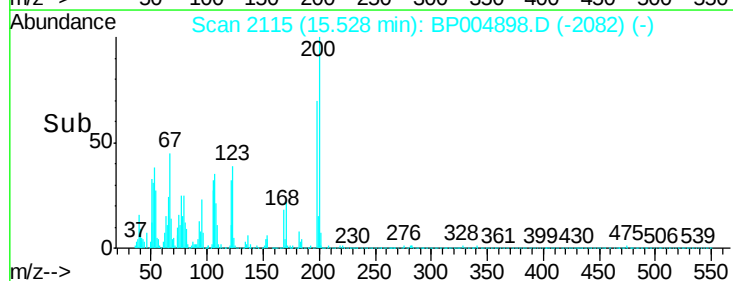
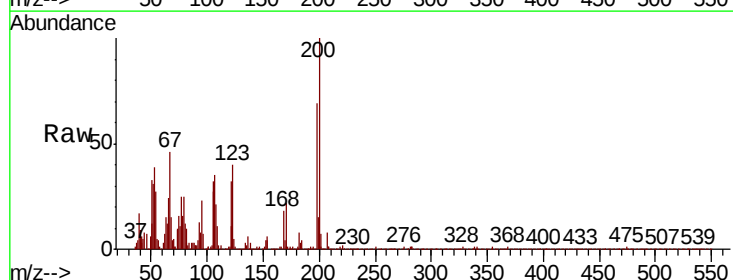
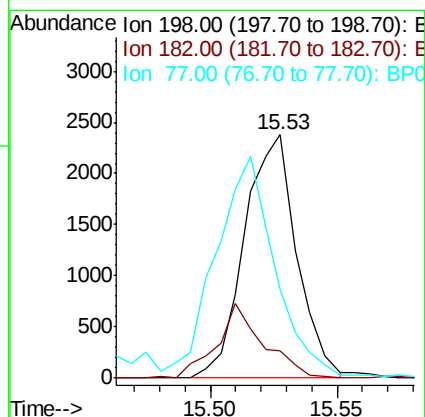
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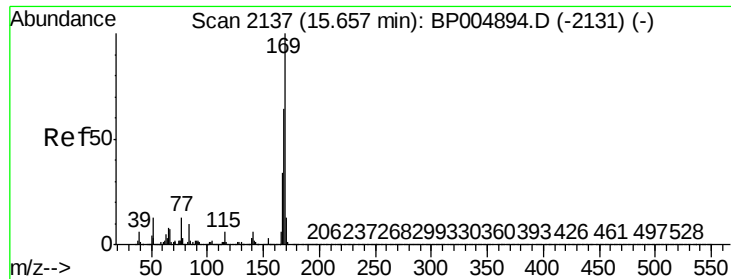
mohammad
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#64
4,6-Dinitro-2-methylphenol
Concen: 3.426 ng/ul
RT: 15.53 min Scan# 2115
Delta R.T. -0.01 min
Lab File: BP004898.D
Acq: 03 Mar 2021 17:42

Tgt Ion	Ratio	Lower	Upper
198	100		
182	11.2	4.0	6.0#
77	36.2	23.9	35.9#





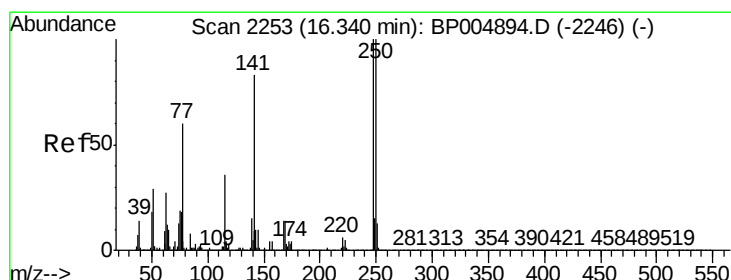
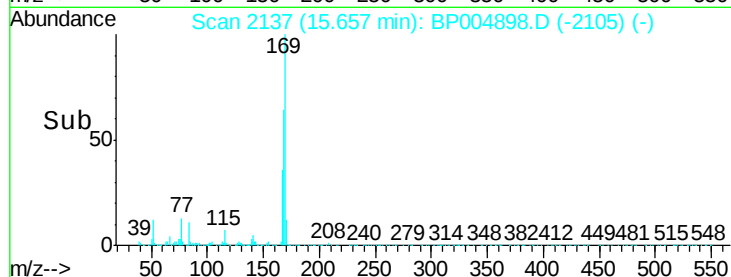
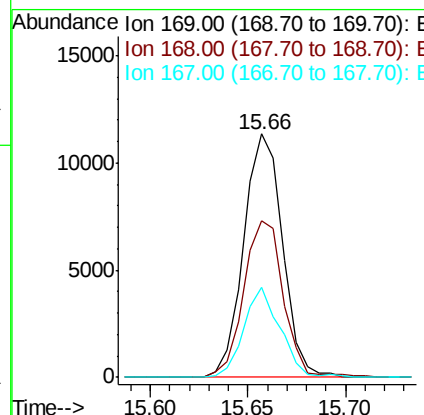
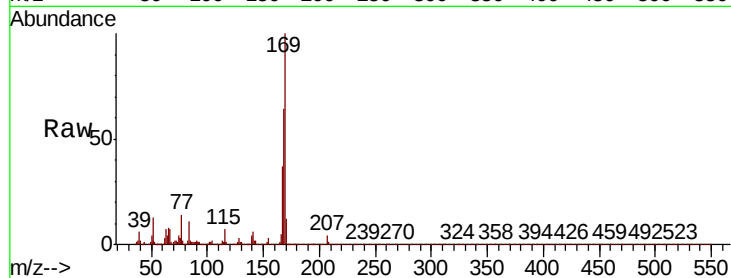
#65
N-Nitrosodiphenylamine
Concen: 3.525 ng/ul
RT: 15.66 min Scan# 2137
Delta R.T. -0.01 min
Lab File: BP004898.D
Acq: 03 Mar 2021 17:42

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03

Tot Ion	Ratio	Lower	Upper
169	100		
168	64.4	54.1	81.1
167	36.9	29.0	43.4

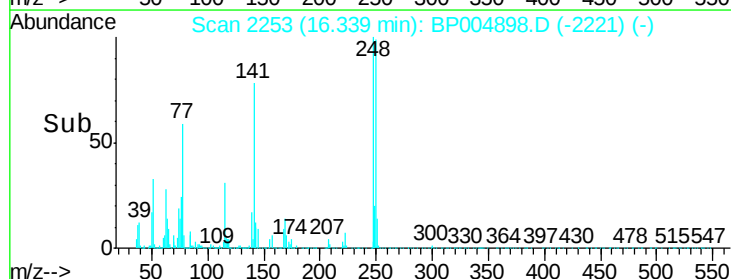
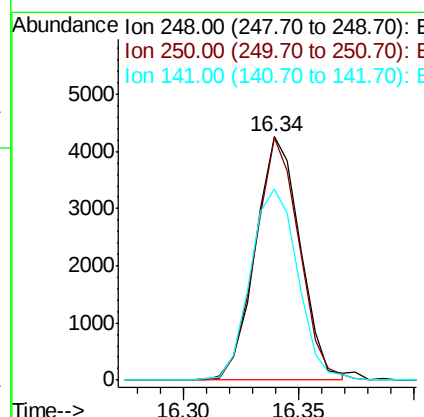
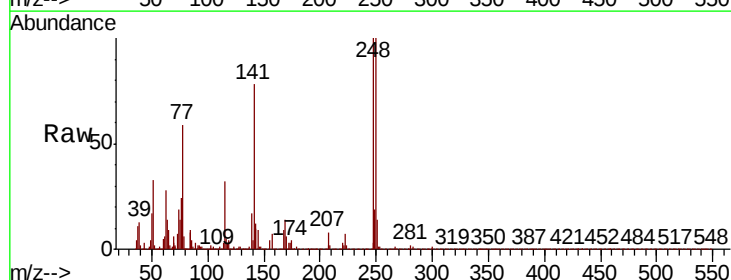
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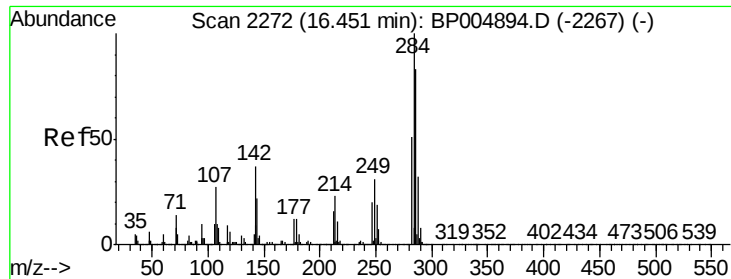
mohammad
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#66
4-Bromophenyl-phenylether
Concen: 3.592 ng/ul
RT: 16.34 min Scan# 2253
Delta R.T. -0.01 min
Lab File: BP004898.D
Acq: 03 Mar 2021 17:42

Tgt Ion	Ratio	Lower	Upper
248	100		
250	99.6	76.1	114.1
141	78.5	69.9	104.9





#67

Hexachlorobenzene

Concen: 3.713 ng/ul

RT: 16.45 min Scan# 2272

Delta R.T. -0.01 min

Lab File: BP004898.D

Acq: 03 Mar 2021 17:42

Instrument :

BNA_P

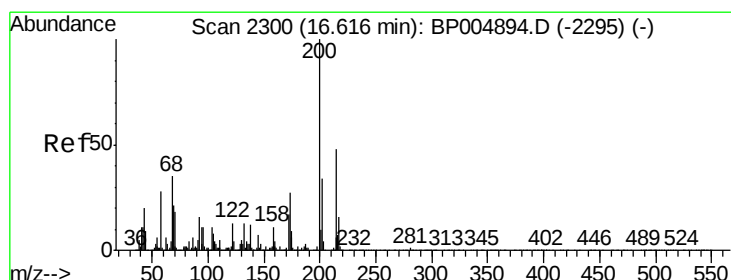
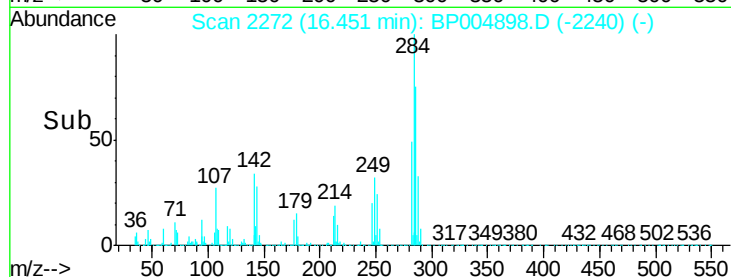
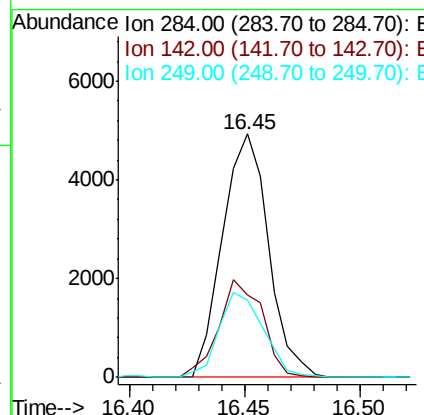
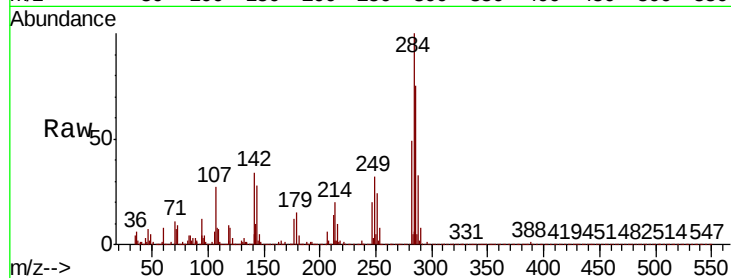
ClientSampleId :

MDL-SOIL-03

Tot Ion:	284	Resp:	6820
Ion Ratio	Lower	Upper	
284	100		
142	34.0	33.6	50.4
249	36.6	25.0	37.4

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#68

Atrazine

Concen: 2.928 ng/ul

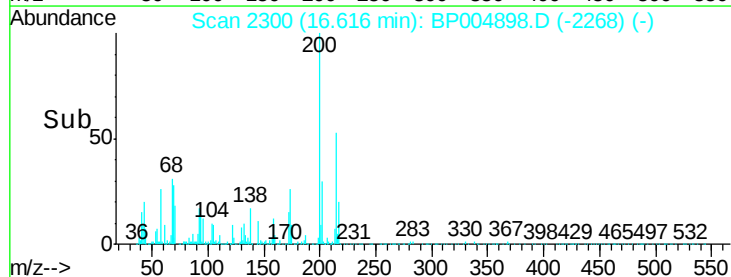
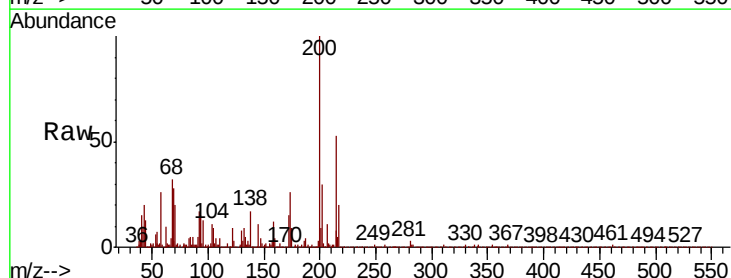
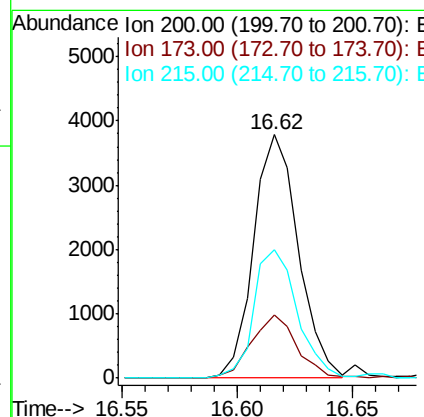
RT: 16.62 min Scan# 2300

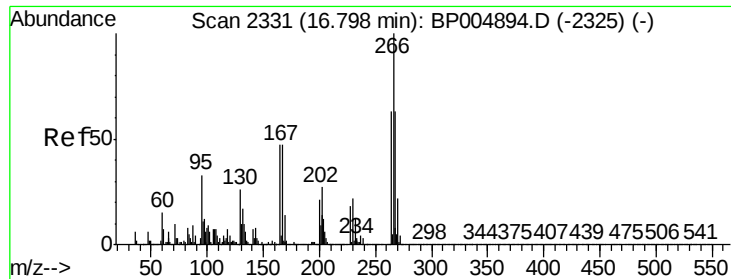
Delta R.T. -0.01 min

Lab File: BP004898.D

Acq: 03 Mar 2021 17:42

Tgt Ion:	200	Resp:	5097
Ion Ratio	Lower	Upper	
200	100		
173	26.0	21.2	31.8
215	53.0	38.3	57.5





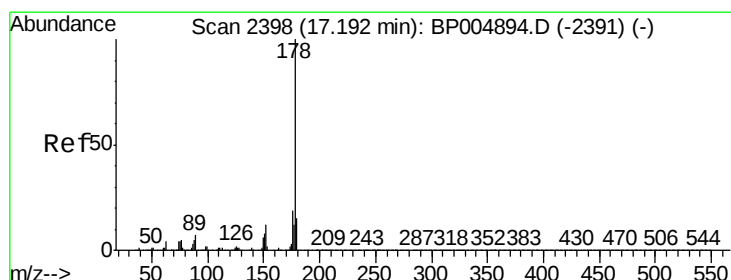
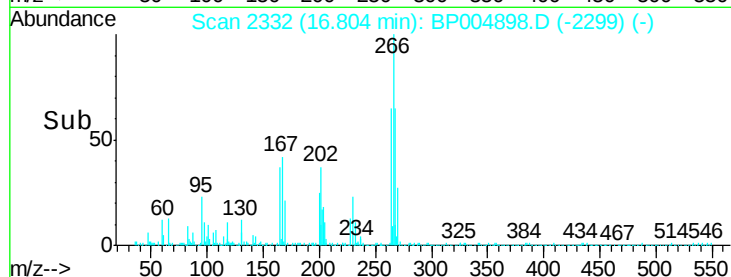
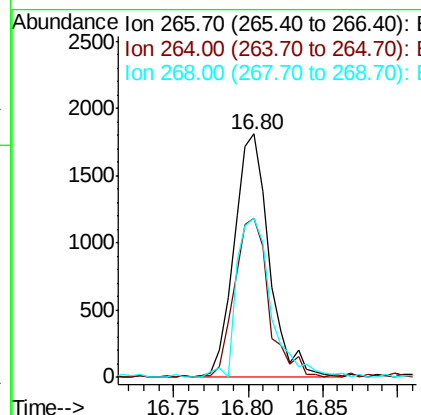
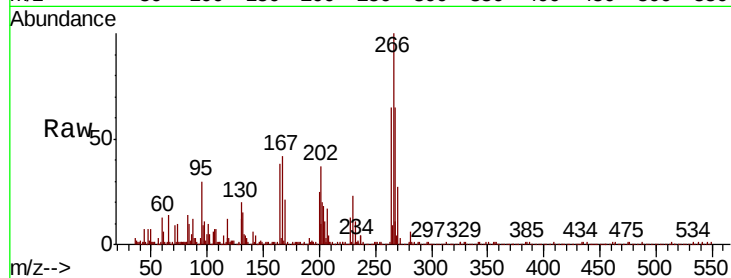
#69
 Pentachlorophenol
 Concen: 2.645 ng/ul
 RT: 16.80 min Scan# 2332
 Delta R.T. -0.01 min
 Lab File: BP004898.D
 Acq: 03 Mar 2021 17:42

Instrument :
 BNA_P
 ClientSampleId :
 MDL-SOIL-03

Tot Ion	Ratio	Lower	Upper
266	100		
264	65.4	49.6	74.4
268	65.3	52.6	78.8

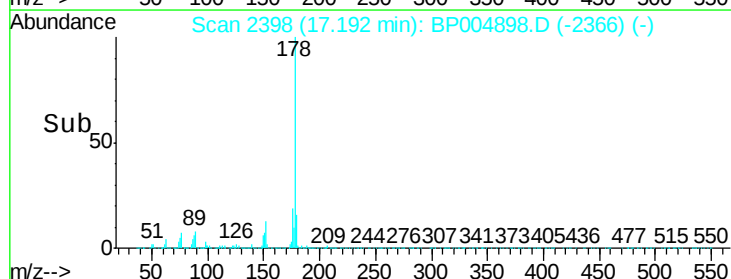
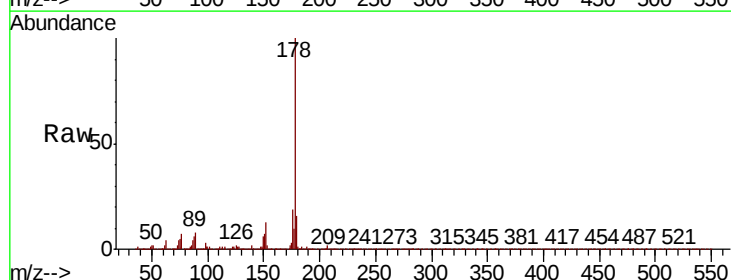
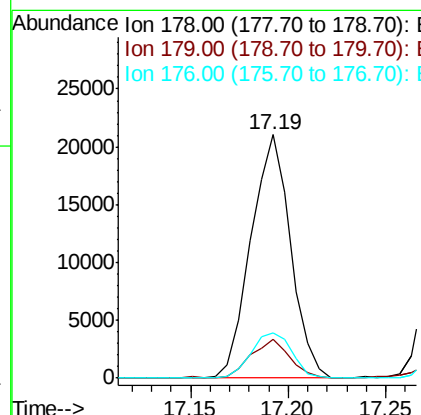
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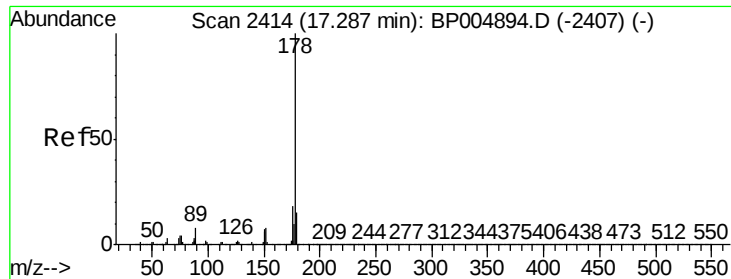
mohammad
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#70
 Phenanthrene
 Concen: 3.604 ng/ul
 RT: 17.19 min Scan# 2398
 Delta R.T. -0.01 min
 Lab File: BP004898.D
 Acq: 03 Mar 2021 17:42

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.6	18.8
176	18.6	14.6	21.8





#72

Anthracene

Concen: 3.534 ng/ul

RT: 17.28 min Scan# 2413

Delta R.T. -0.01 min

Lab File: BP004898.D

Acq: 03 Mar 2021 17:42

Instrument :

BNA_P

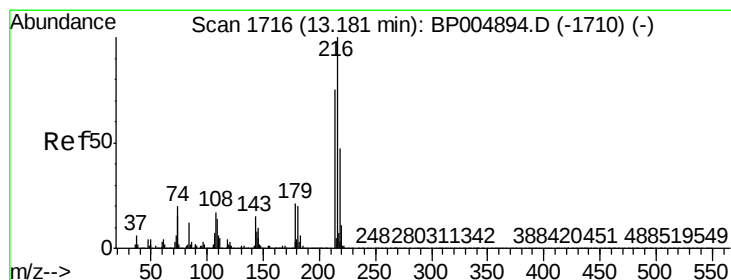
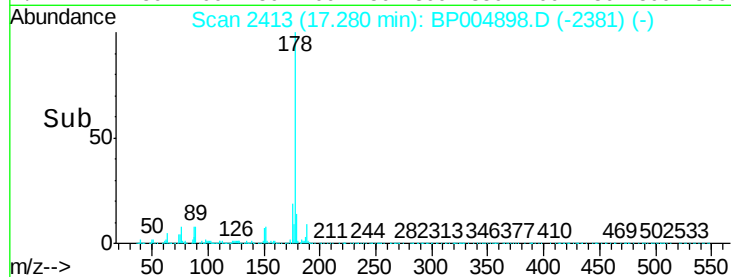
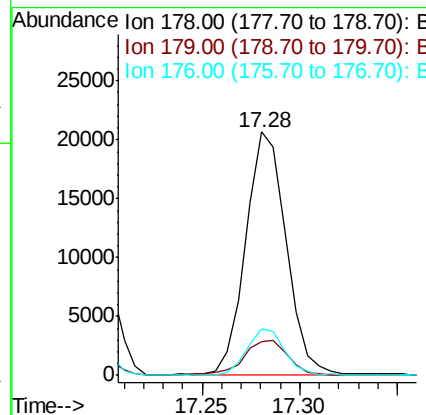
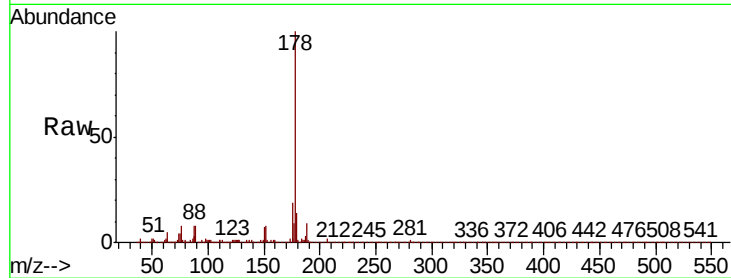
ClientSampleId :

MDL-SOIL-03

Tot Ion:	178	Resp:	29656
Ion Ratio	Lower	Upper	
178	100		
179	13.8	11.8	17.8
176	18.9	14.3	21.5

Manual Integrations
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#73

1,2,3,4-Tetrachlorobenzene

Concen: 3.522 ng/uL

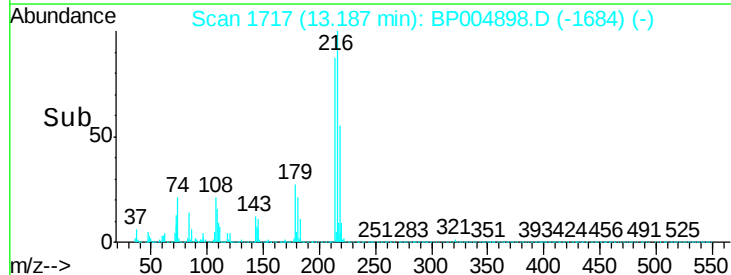
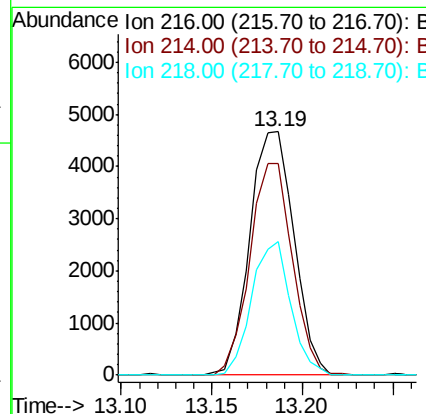
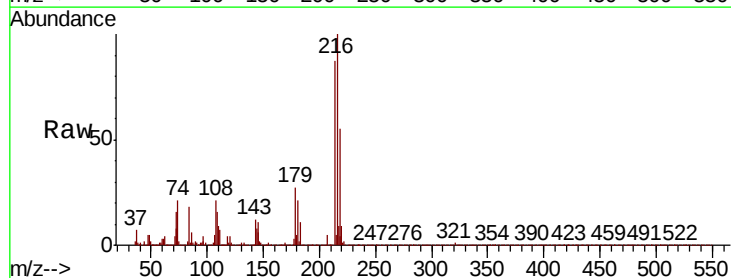
RT: 13.19 min Scan# 1717

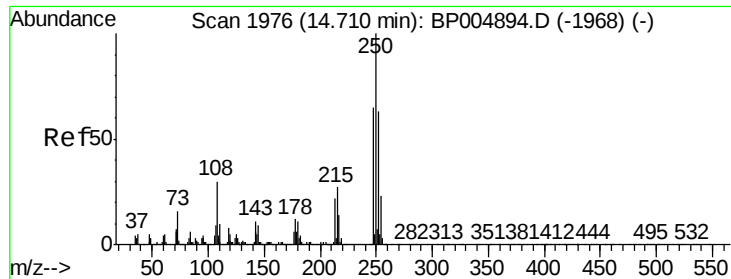
Delta R.T. -0.01 min

Lab File: BP004898.D

Acq: 03 Mar 2021 17:42

Tgt Ion:	216	Resp:	7931
Ion Ratio	Lower	Upper	
216	100		
214	79.7	60.6	90.8
218	50.5	36.6	55.0





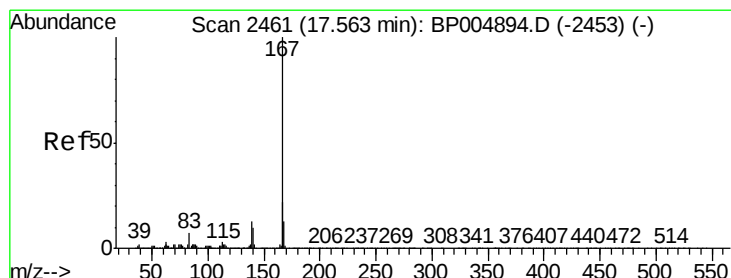
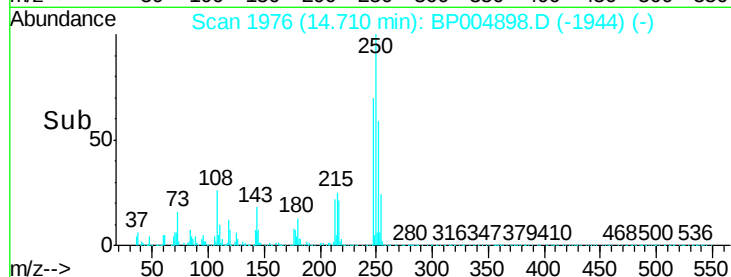
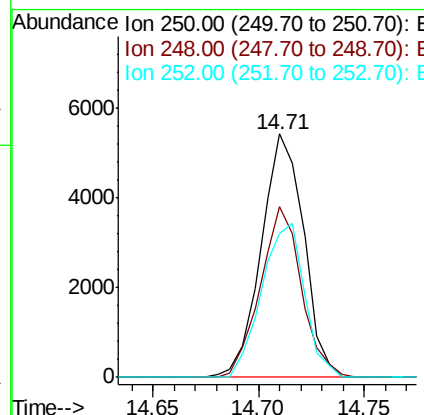
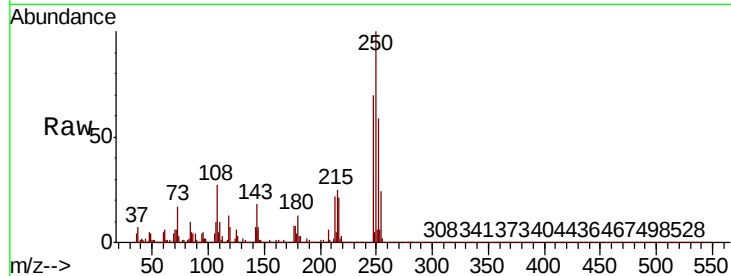
#74
Pentachlorobenzene
Concen: 3.457 ng/uL
RT: 14.71 min Scan# 1976
Delta R.T. -0.01 min
Lab File: BP004898.D
Acq: 03 Mar 2021 17:42

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03

Tot Ion	Ratio	Lower	Upper
250	100		
248	65.7	50.5	75.7
252	61.4	49.5	74.3

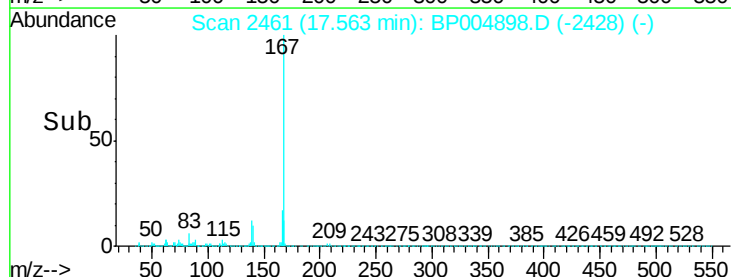
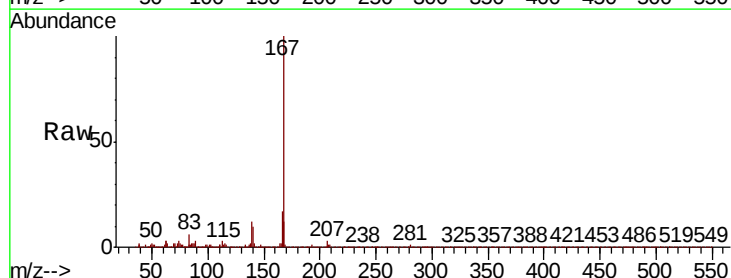
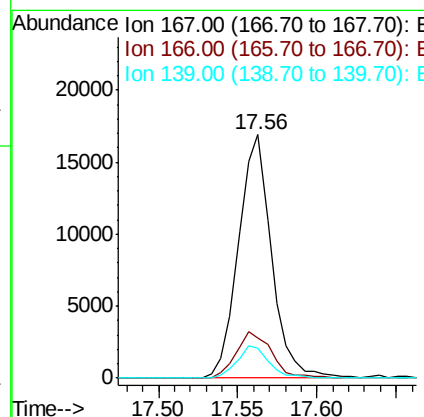
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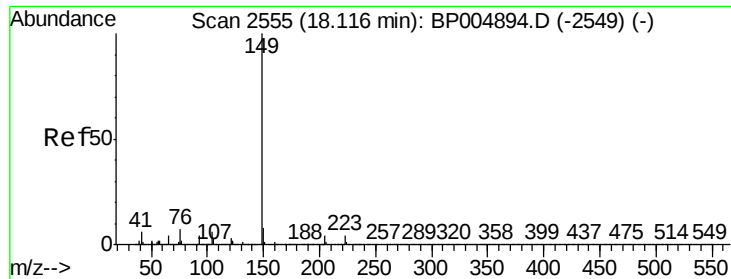
mohammad
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#75
Carbazole
Concen: 3.308 ng/uL
RT: 17.56 min Scan# 2461
Delta R.T. -0.01 min
Lab File: BP004898.D
Acq: 03 Mar 2021 17:42

Tgt Ion	Ratio	Lower	Upper
167	100		
166	16.6	17.5	26.3#
139	12.5	10.9	16.3





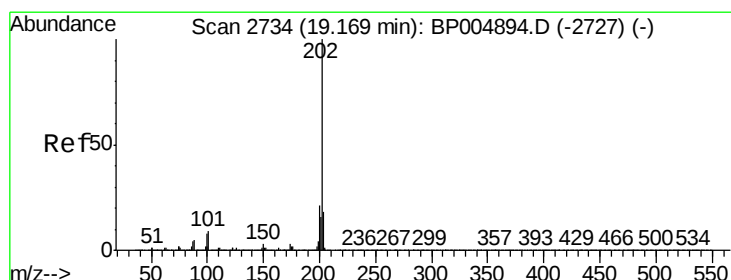
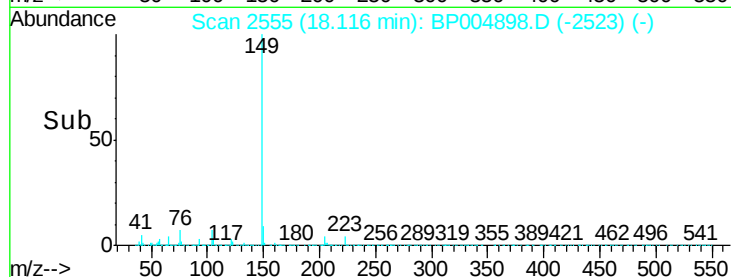
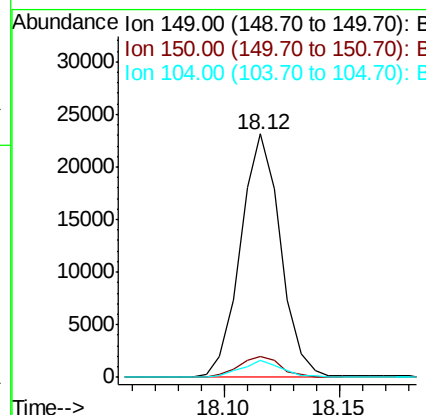
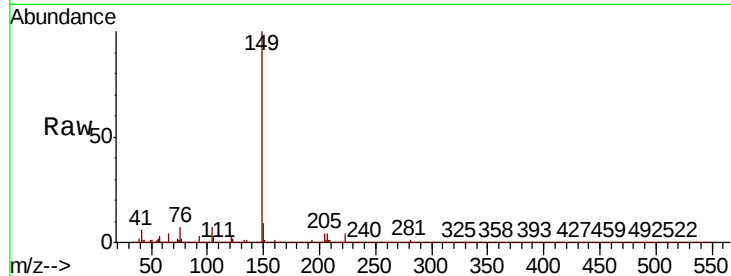
#76
Di-n-butylphthalate
Concen: 3.206 ng/ul
RT: 18.12 min Scan# 2555
Delta R.T. -0.01 min
Lab File: BP004898.D
Acq: 03 Mar 2021 17:42

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03

Tot Ion	Ratio	Lower	Upper
149	100		
150	8.7	7.0	10.4
104	6.9	5.0	7.6

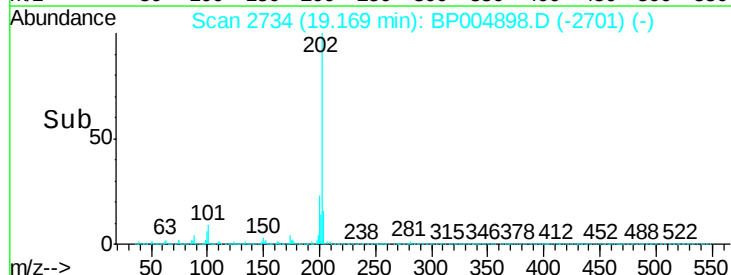
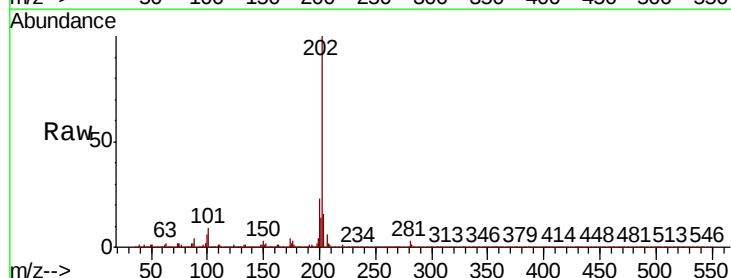
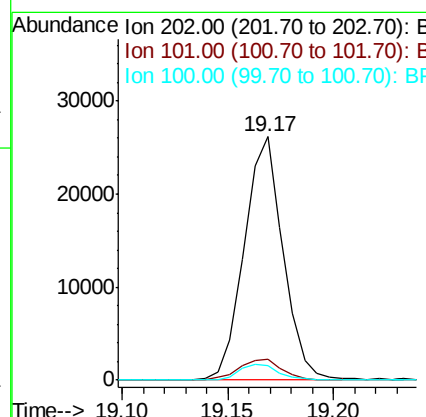
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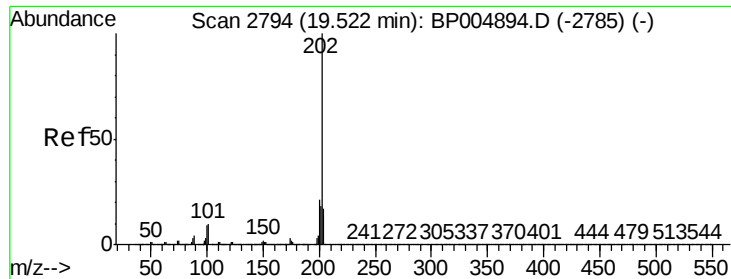
mohammad
3/4/2021 11:33:39 AM



#77
Fluoranthene
Concen: 3.384 ng/ul
RT: 19.17 min Scan# 2734
Delta R.T. -0.01 min
Lab File: BP004898.D
Acq: 03 Mar 2021 17:42

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.6	7.5	11.3
100	6.2	5.9	8.9





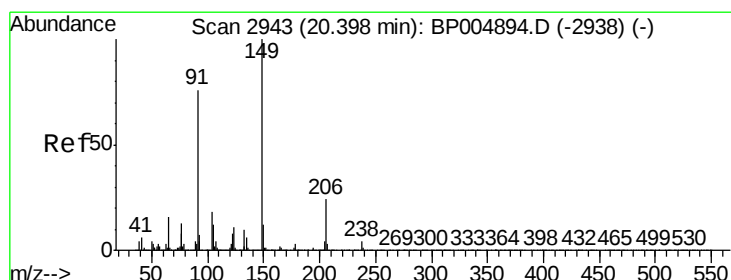
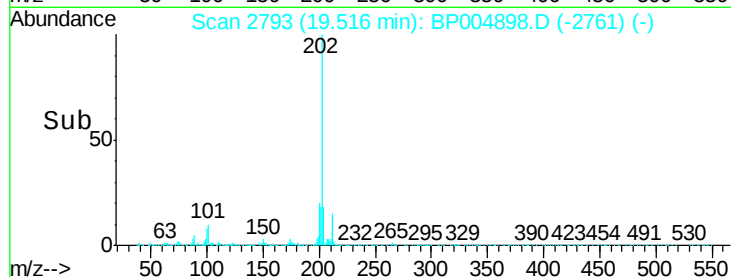
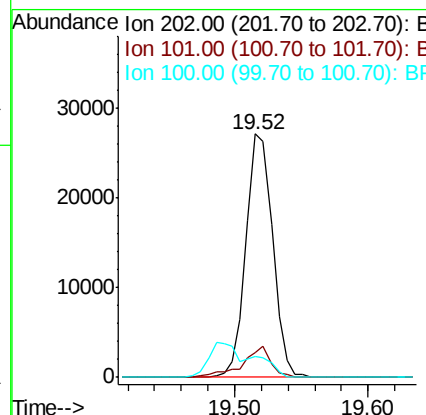
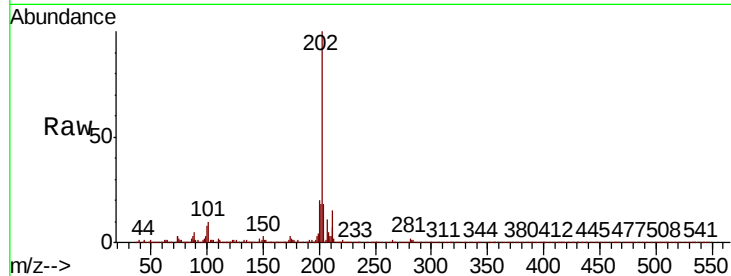
#80
Pvrene
Concen: 3.664 ng/ul
RT: 19.52 min Scan# 2793
Delta R.T. -0.01 min
Lab File: BP004898.D
Acq: 03 Mar 2021 17:42

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	10.2	8.6	13.0
100	8.5	6.9	10.3

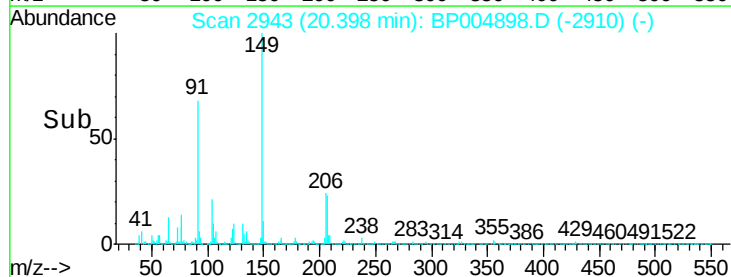
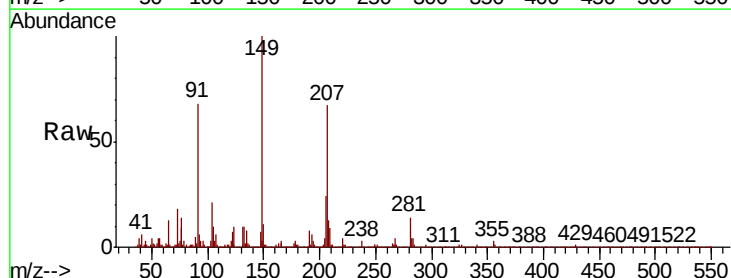
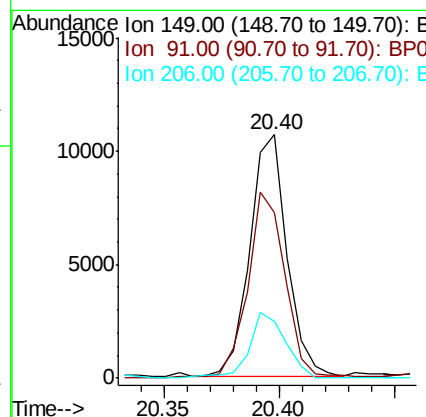
Manual Integrations
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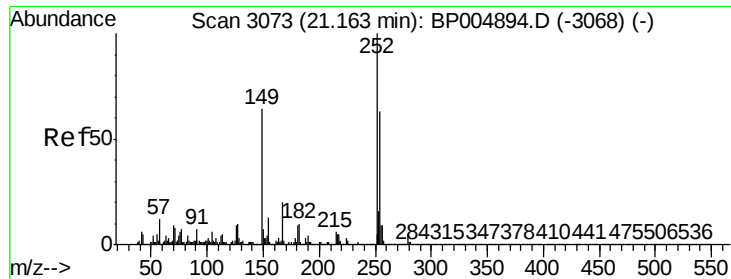
mohammad
3/4/2021 11:33:39 AM



#81
Butylbenzylphthalate
Concen: 2.999 ng/ul
RT: 20.40 min Scan# 2943
Delta R.T. -0.01 min
Lab File: BP004898.D
Acq: 03 Mar 2021 17:42

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
91	67.8	62.0	93.0
206	23.5	19.0	28.6





#82

3,3'-Dichlorobenzidine

Concen: 3.383 ng/ul

RT: 21.16 min Scan# 3073

Delta R.T. -0.01 min

Lab File: BP004898.D

Acq: 03 Mar 2021 17:42

Instrument :

BNA_P

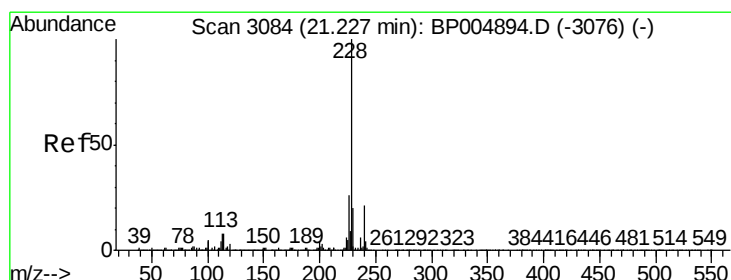
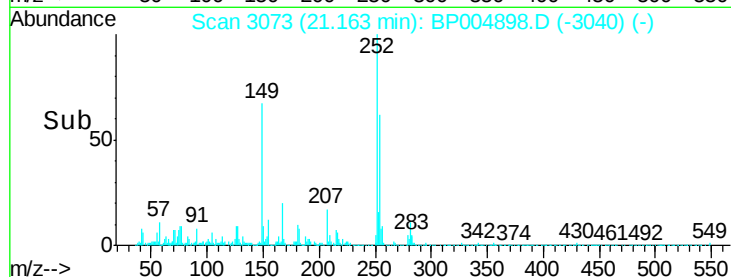
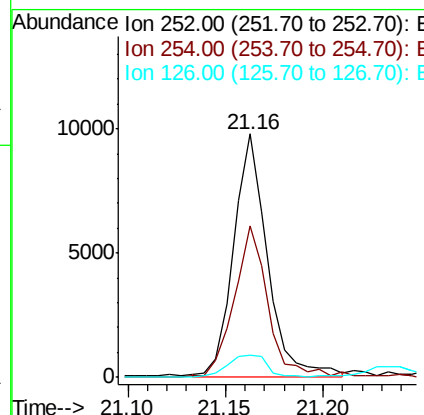
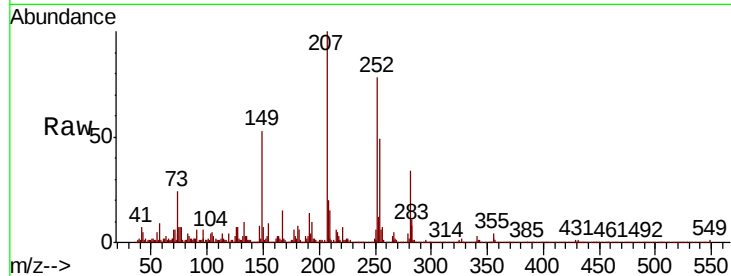
ClientSampleId :

MDL-SOIL-03

Tot Ion:	252	Resp:	11717
Ion Ratio	Lower	Upper	
252	100		
254	62.2	50.8	76.2
126	9.0	7.7	11.5

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#83

Benzo(a)anthracene

Concen: 3.552 ng/ul

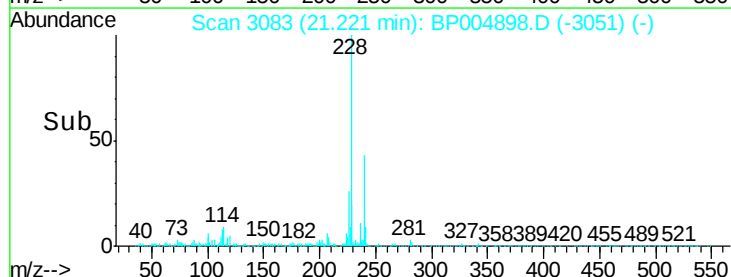
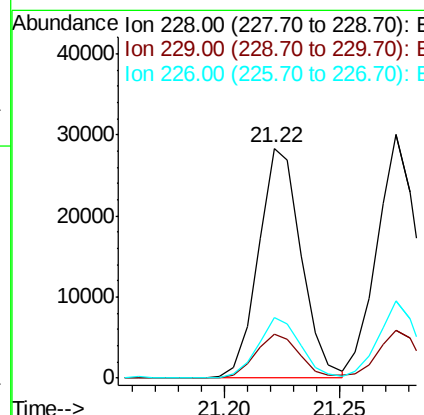
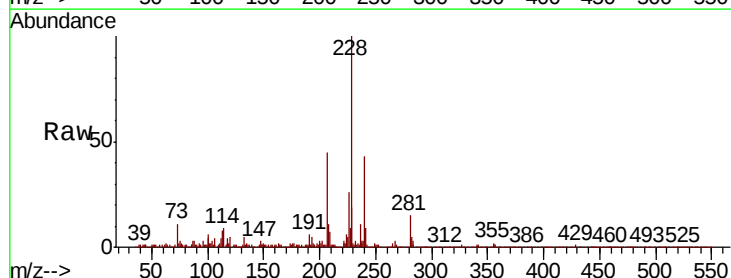
RT: 21.22 min Scan# 3083

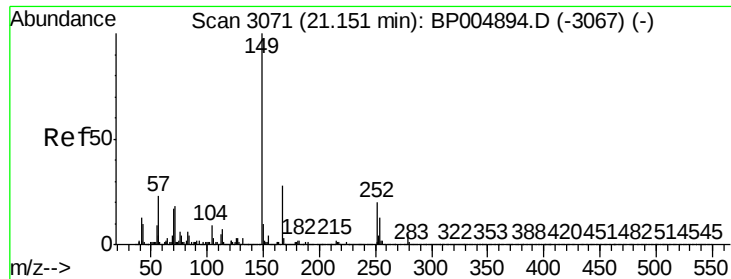
Delta R.T. -0.01 min

Lab File: BP004898.D

Acq: 03 Mar 2021 17:42

Tgt Ion:	228	Resp:	36500
Ion Ratio	Lower	Upper	
228	100		
229	19.4	15.4	23.0
226	26.4	21.1	31.7





#84

Bis(2-ethylhexyl)phthalate

Concen: 2.861 ng/ul

RT: 21.15 min Scan# 3071

Delta R.T. -0.01 min

Lab File: BP004898.D

Acq: 03 Mar 2021 17:42

Instrument :

BNA_P

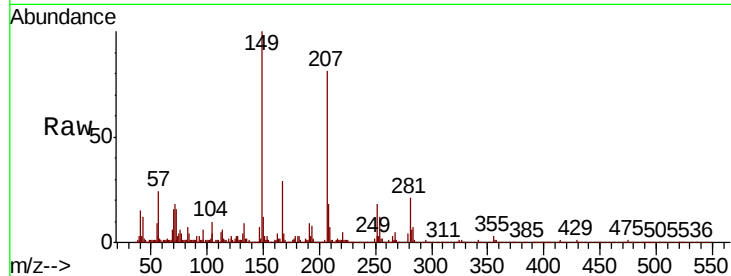
ClientSampleId :

MDL-SOIL-03

Tot Ion:	149	Resp:	17136
Ion Ratio	Lower	Upper	
149	100		
167	29.4	23.0	34.6
279	4.0	4.1	6.1#

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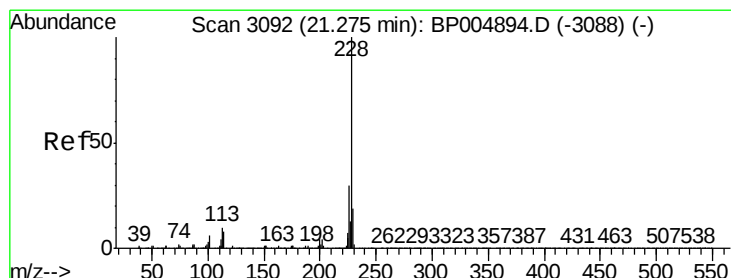
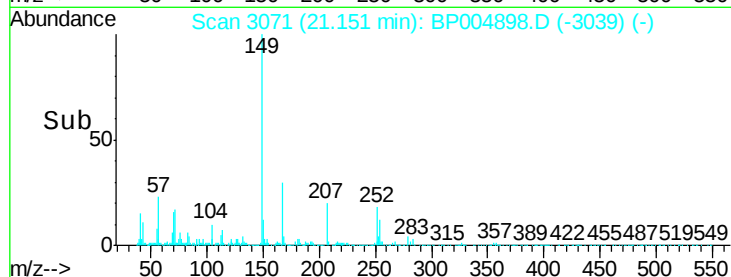
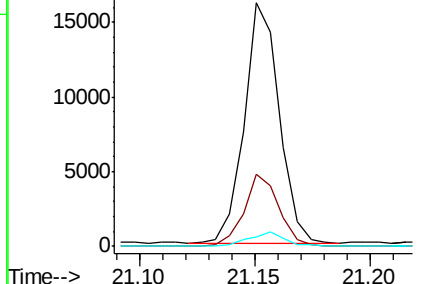
mohammad
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Chrysene

Concen: 3.628 ng/ul

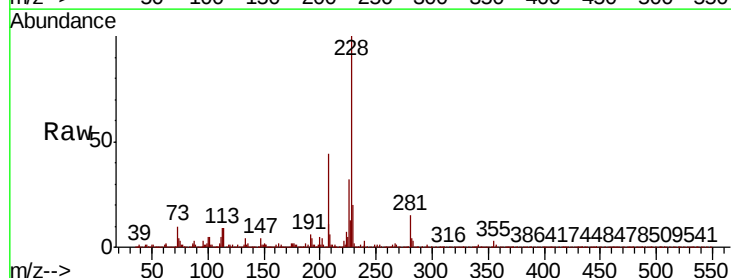
RT: 21.27 min Scan# 3092

Delta R.T. -0.01 min

Lab File: BP004898.D

Acq: 03 Mar 2021 17:42

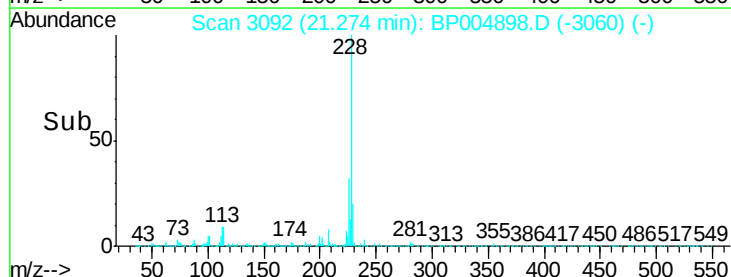
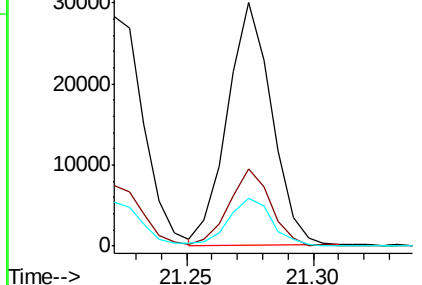
Tgt Ion:	228	Resp:	36322
Ion Ratio	Lower	Upper	
228	100		
226	31.6	23.3	34.9
229	19.6	15.6	23.4

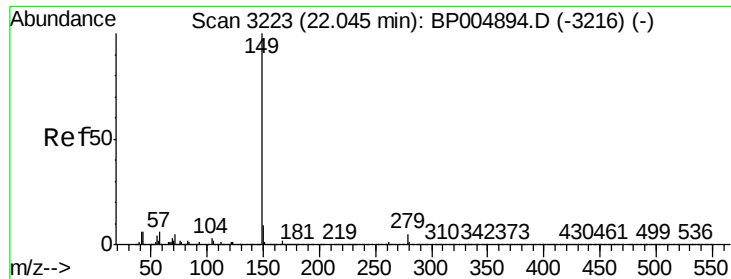


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#87

Di-n-octyl phthalate

Concen: 2.631 ng/ul

RT: 22.04 min Scan# 3222

Delta R.T. -0.01 min

Lab File: BP004898.D

Acq: 03 Mar 2021 17:42

Instrument :

BNA_P

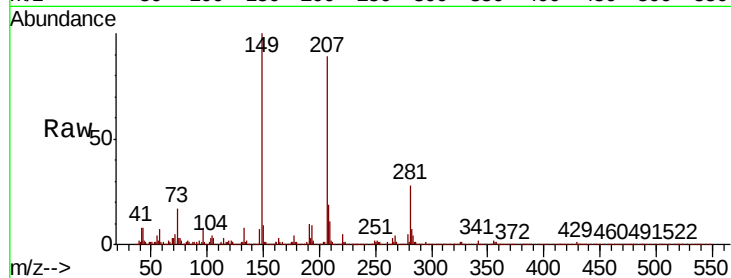
ClientSampleId :

MDL-SOIL-03

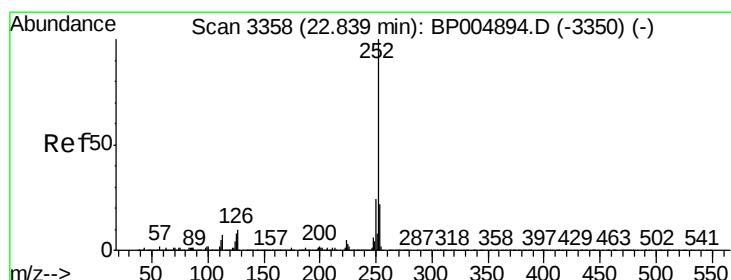
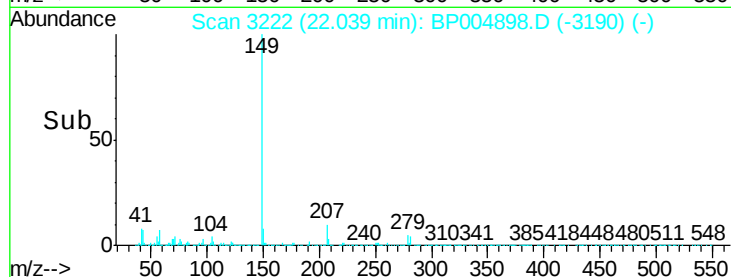
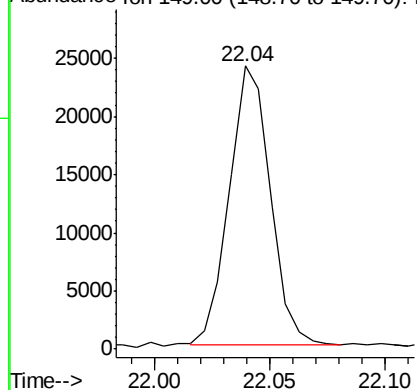
Tgt Ion:149 Resp: 29699

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Abundance Ion 149.00 (148.70 to 149.70): E



#88

Benzo(b)fluoranthene

Concen: 3.642 ng/ul

RT: 22.84 min Scan# 3358

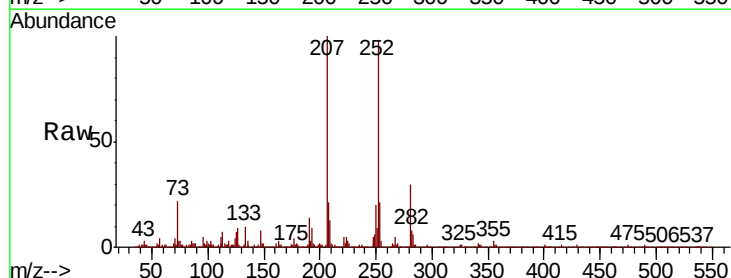
Delta R.T. -0.01 min

Lab File: BP004898.D

Acq: 03 Mar 2021 17:42

Tgt Ion:252 Resp: 38830

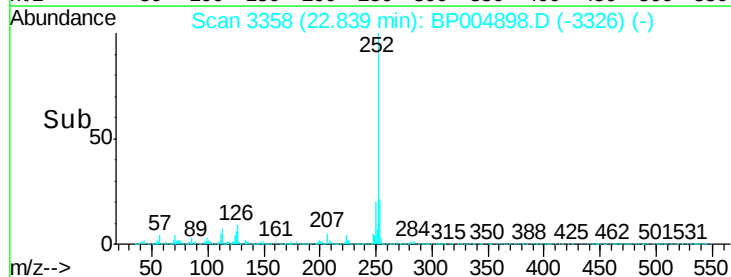
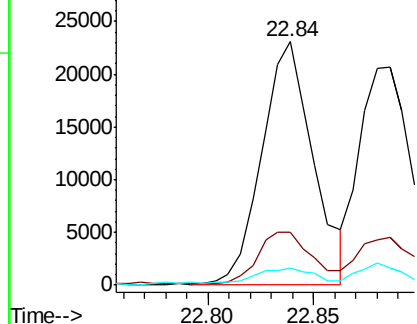
Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.6	26.4
125	7.0	6.5	9.7

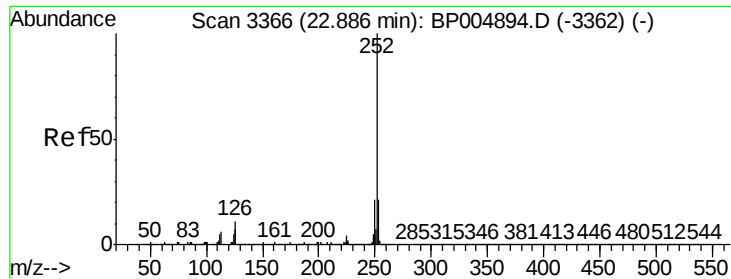


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 3.377 ng/ul

RT: 22.89 min Scan# 3366

Delta R.T. -0.01 min

Lab File: BP004898.D

Acq: 03 Mar 2021 17:42

Instrument :

BNA_P

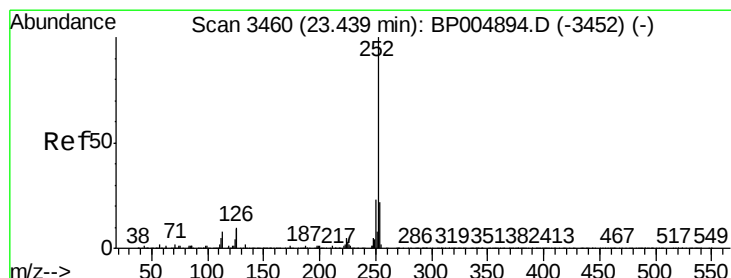
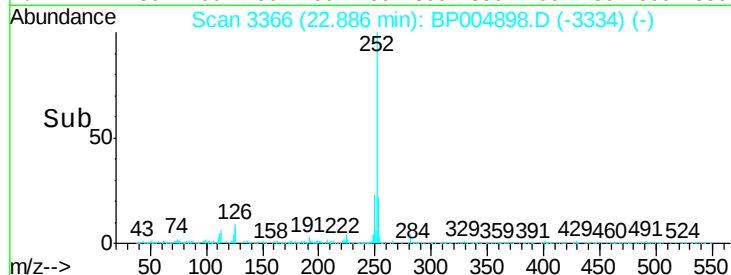
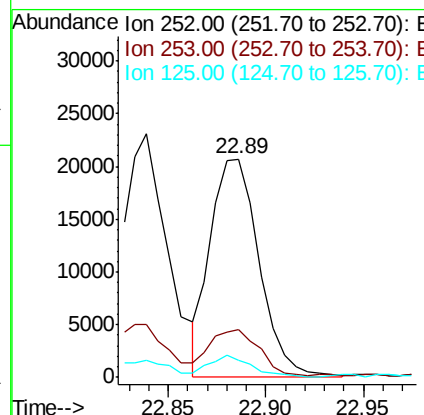
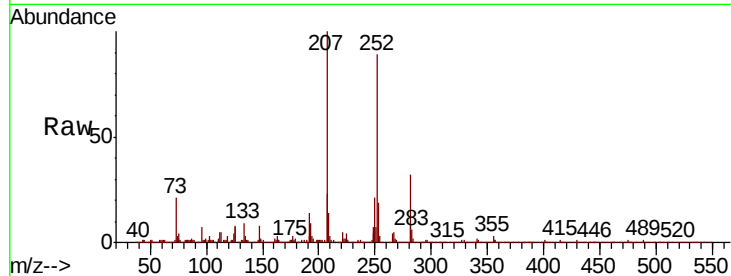
ClientSampleId :

MDL-SOIL-03

Tot Ion:	252	Resp:	35606
Ion Ratio	Lower	Upper	
252	100		
253	21.6	17.6	26.4
125	7.6	6.5	9.7

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#91

Benzo(a)pyrene

Concen: 3.653 ng/ul

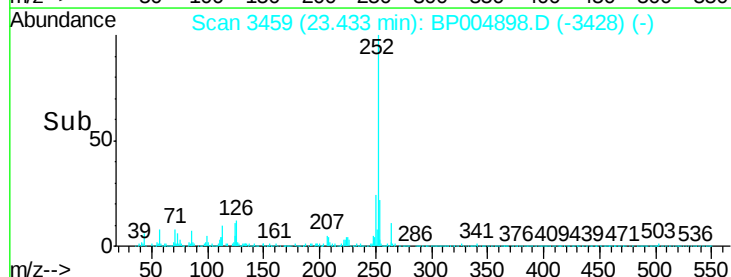
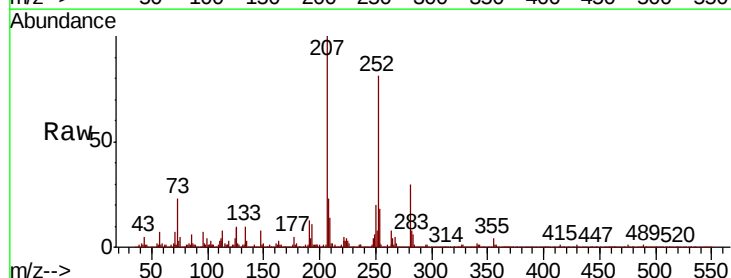
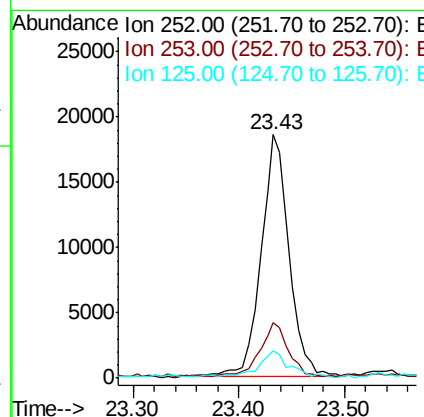
RT: 23.43 min Scan# 3459

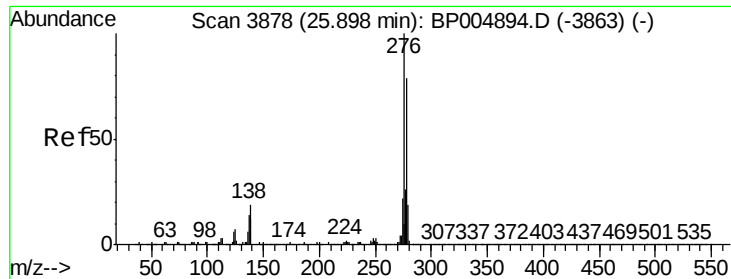
Delta R.T. -0.02 min

Lab File: BP004898.D

Acq: 03 Mar 2021 17:42

Tgt Ion:	252	Resp:	34197
Ion Ratio	Lower	Upper	
252	100		
253	22.6	16.9	25.3
125	11.3	6.9	10.3#





#92

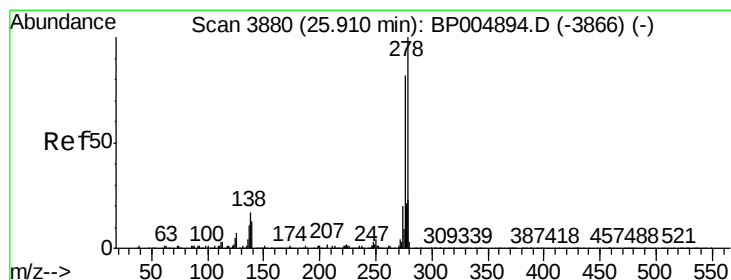
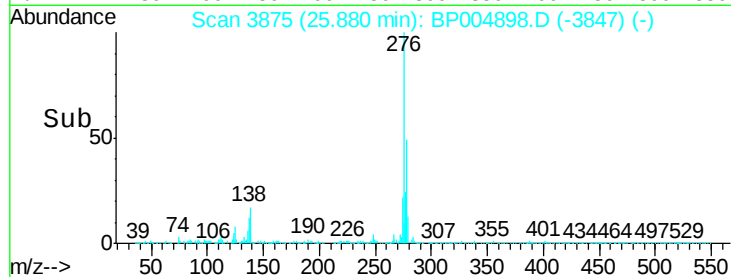
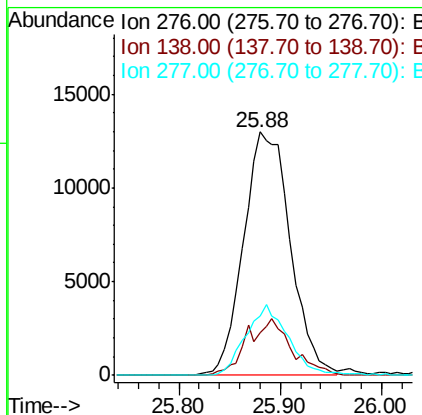
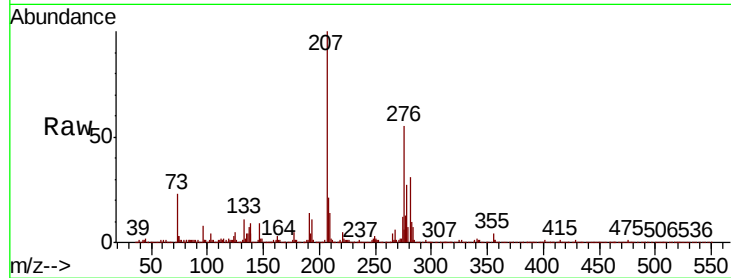
Indeno(1,2,3-cd)pyrene
Concen: 3.463 ng/ul m
RT: 25.88 min Scan# 3875
Delta R.T. -0.04 min
Lab File: BP004898.D
Acq: 03 Mar 2021 17:42

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03

Tot Ion	Ratio	Lower	Upper
276	100		
138	17.3	16.5	24.7
277	24.5	19.1	28.7

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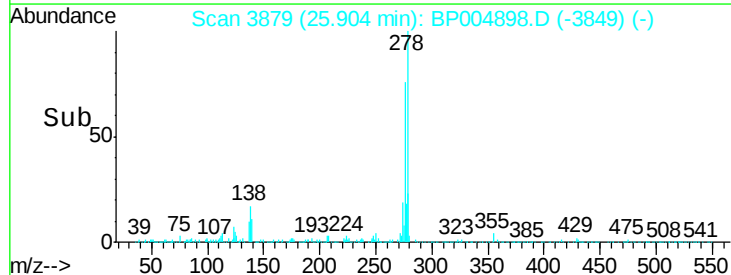
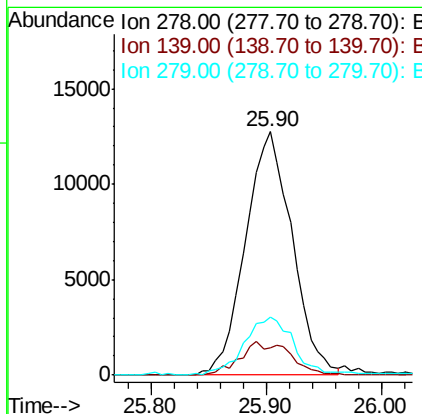
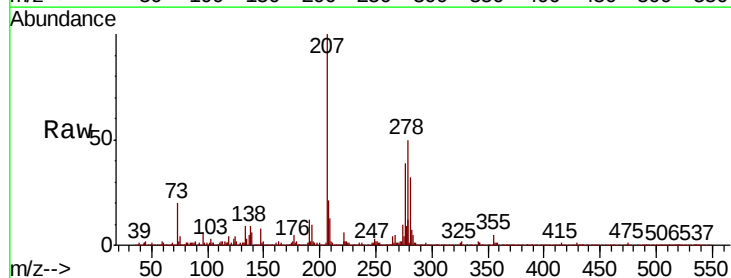
mohammad
3/4/2021 11:33:39 AM

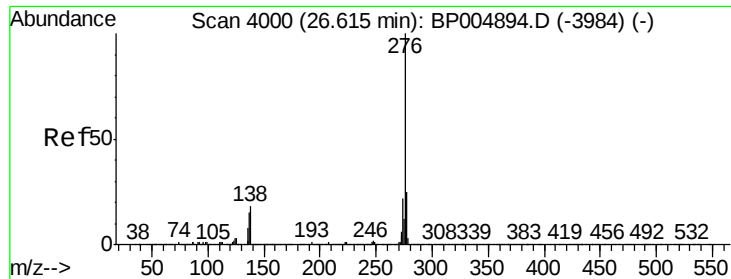


#93

Dibenzo(a,h)anthracene
Concen: 3.511 ng/ul
RT: 25.90 min Scan# 3879
Delta R.T. -0.02 min
Lab File: BP004898.D
Acq: 03 Mar 2021 17:42

Tgt Ion	Ratio	Lower	Upper
278	100		
139	11.3	10.6	16.0
279	23.6	20.0	30.0





#94

Benzo(a,h,i)perylene

Concen: 3.446 ng/ul

RT: 26.60 min Scan# 3998

Delta R.T. -0.03 min

Lab File: BP004898.D

Acq: 03 Mar 2021 17:42

Instrument :

BNA_P

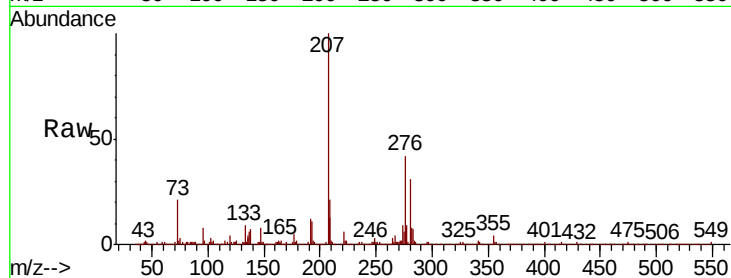
ClientSampleId :

MDL-SOIL-03

Tot Ion:	276	Resp:	34379
Ion Ratio	Lower	Upper	
276	100		
138	16.6	13.8	20.6
277	21.4	18.5	27.7

Manual Integrations
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Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

