

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP030521\
 Data File : BP004925.D
 Acq On : 05 Mar 2021 20:06
 Operator : CG/JU
 Sample : M1534-18
 Misc : SOM-MDL-ME-S-04
 ALS Vial : 20 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

mohammad
 3/8/2021 9:36:52 AM

Quant Time: Mar 05 23:25:40 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP030521MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 05 22:20:13 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	29673	20.00	ng/ul	0.00
18) Naphthalene-d8	10.53	136	119942	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.39	164	82178	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.15	188	184654	20.00	ng/ul	0.00
78) Chrysene-d12	21.24	240	208345	20.00	ng/ul	0.00
86) Perylene-d12	23.53	264	204670	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.23	96	3699	5.06	ng/uL	0.00
5) Phenol-d5	6.91	99	91024	40.13	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.08	67	52313	44.97	ng/ul	0.00
9) 2-Chlorophenol-d4	7.27	132	72245	39.95	ng/ul	0.00
13) 4-Methylphenol-d8	8.45	113	71460	38.98	ng/ul	0.00
19) Nitrobenzene-d5	8.89	128	36110	41.93	ng/ul	0.00
22) 2-Nitrophenol-d4	9.61	143	39466	40.12	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.15	165	69790	36.06	ng/ul	0.00
29) 4-Chloroaniline-d4	10.67	131	92574	43.81	ng/ul	0.00
44) Dimethylphthalate-d6	13.80	166	238060	40.27	ng/ul	0.00
47) Acenaphthylene-d8	14.08	160	280797	38.60	ng/ul	0.00
52) 4-Nitrophenol-d4	14.60	143	38171	36.78	ng/ul	0.00
58) Fluorene-d10	15.39	176	206314	39.16	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.50	200	40677	33.65	ng/ul	0.00
71) Anthracene-d10	17.25	188	325130	39.21	ng/ul	0.00
79) Pyrene-d10	19.49	212	382189	40.69	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.39	264	432269	41.56	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.27	88	772	1.080 ng/uL#	71
4) Benzaldehyde	6.89	77	7442	6.555 ng/ul	99
6) Phenol	6.93	94	10294	4.333 ng/ul	95
8) Bis(2-Chloroethyl)ether	7.16	93	8240	4.696 ng/ul	97
10) 2-Chlorophenol	7.30	128	8341	4.422 ng/ul	96
11) 2-Methylphenol	8.18	108	6987	3.851 ng/ul	90
12) 2,2'-oxybis(1-Chloropropan	8.26	45	8596m	4.830 ng/ul	
14) Acetophenone	8.56	105	13147	4.345 ng/ul	87
15) N-Nitroso-di-n-propylamine	8.55	70	6517	4.596 ng/ul	93
16) 4-Methylphenol	8.51	108	8213	4.223 ng/ul	99
17) Hexachloroethane	8.81	117	3916	4.732 ng/ul	89
20) Nitrobenzene	8.93	77	10315	4.604 ng/ul	95
21) Isophorone	9.46	82	16177	4.231 ng/ul#	93
23) 2-Nitrophenol	9.65	139	4973	4.689 ng/ul	92
24) 2,4-Dimethylphenol	9.71	107	10354	4.349 ng/ul	89
25) Bis(2-Chloroethoxy)methane	9.95	93	9791	4.148 ng/ul	96
27) 2,4-Dichlorophenol	10.17	162	8529	4.489 ng/ul	88
28) Naphthalene	10.57	128	26917	4.297 ng/ul	99
30) 4-Chloroaniline	10.69	127	10990	5.116 ng/ul	95
31) Hexachlorobutadiene	10.86	225	6533	4.329 ng/ul	87
32) Caprolactam	11.50	113	2293m	3.853 ng/ul	
33) 4-Chloro-3-methylphenol	11.83	107	8647	4.079 ng/ul	98
34) 2-Methylnaphthalene	12.20	142	18678	4.175 ng/ul	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.42	142	18270	4.216	ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.57	216	11282	3.951	ng/ul#	97
38) Hexachlorocyclopentadiene	12.55	237	5963	3.283	ng/ul	95
39) 2,4,6-Trichlorophenol	12.82	196	6393	3.799	ng/ul	86
40) 2,4,5-Trichlorophenol	12.89	196	6670	3.634	ng/ul	94
41) 1,1'-Biphenyl	13.22	154	24742	4.101	ng/ul#	89
42) 2-Chloronaphthalene	13.26	162	20147	4.176	ng/ul	98
43) 2-Nitroaniline	13.47	65	5106	3.974	ng/ul	89
45) Dimethylphthalate	13.85	163	27286	4.449	ng/ul	99
46) 2,6-Dinitrotoluene	13.97	165	4497	3.645	ng/ul#	96
48) Acenaphthylene	14.11	152	29226	4.217	ng/ul	96
49) 3-Nitroaniline	14.30	138	4187	3.892	ng/ul#	92
50) Acenaphthene	14.45	153	21027	4.161	ng/ul	96
51) 2,4-Dinitrophenol	14.51	184	2261	2.716	ng/ul	95
53) 4-Nitrophenol	14.61	109	4952	4.544	ng/ul#	88
54) Dibenzofuran	14.79	168	30430	4.105	ng/ul	95
55) 2,4-Dinitrotoluene	14.76	165	6977	3.898	ng/ul#	89
56) 2,3,4,6-Tetrachlorophenol	15.02	232	6188	3.608	ng/ul	96
57) Diethylphthalate	15.22	149	25246	4.165	ng/ul	96
59) Fluorene	15.44	166	25668	4.140	ng/ul	98
60) 4-Chlorophenyl-phenylether	15.44	204	13363	3.880	ng/ul#	80
61) 4-Nitroaniline	15.47	138	4711	3.797	ng/ul	92
64) 4,6-Dinitro-2-methylphenol	15.52	198	5069	4.153	ng/ul#	85
65) N-Nitrosodiphenylamine	15.65	169	21395	4.092	ng/ul	96
66) 4-Bromophenyl-phenylether	16.33	248	8295	3.929	ng/ul	92
67) Hexachlorobenzene	16.45	284	10041	4.149	ng/ul	96
68) Atrazine	16.61	200	7303	3.439	ng/ul	96
69) Pentachlorophenol	16.80	266	4134	2.760	ng/ul#	84
70) Phenanthrene	17.19	178	41291	4.202	ng/ul	98
72) Anthracene	17.28	178	42714	4.268	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.18	216	11444	4.055	ng/uL	95
74) Pentachlorobenzene	14.70	250	11029	3.869	ng/uL	97
75) Carbazole	17.56	167	33985	3.915	ng/ul	97
76) Di-n-butylphthalate	18.12	149	37828	3.821	ng/ul	99
77) Fluoranthene	19.16	202	47672	3.940	ng/ul	99
80) Pvrene	19.52	202	52699	4.362	ng/ul#	97
81) Butylbenzylphthalate	20.39	149	16753	3.937	ng/ul	95
82) 3,3'-Dichlorobenzidine	21.16	252	16077	3.708	ng/ul	95
83) Benzo(a)anthracene	21.22	228	52313	4.167	ng/ul	96
84) Bis(2-ethylhexyl)phthalate	21.15	149	24202m	3.803	ng/ul	
85) Chrysene	21.27	228	51678	4.231	ng/ul	99
87) Di-n-octyl phthalate	22.04	149	41346	3.599	ng/ul	100
88) Benzo(b)fluoranthene	22.83	252	53710	4.241	ng/ul	98
89) Benzo(k)fluoranthene	22.88	252	52226	4.162	ng/ul	100
91) Benzo(a)pyrene	23.43	252	48884	4.364	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.89	276	59457	4.101	ng/ul	100
93) Dibenzo(a,h)anthracene	25.90	278	51053	4.121	ng/ul	98
94) Benzo(a,h,i)perylene	26.60	276	49853	4.123	ng/ul	96

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MDL-ME-SOIL-04

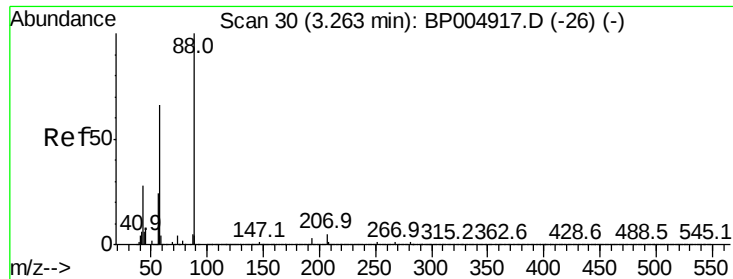
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2

1,4-Dioxane

Concen: 1.080 ng/uL

RT: 3.27 min Scan# 31

Delta R.T. 0.01 min

Lab File: BP004925.D

Acq: 05 Mar 2021 20:06

Instrument :

BNA_P

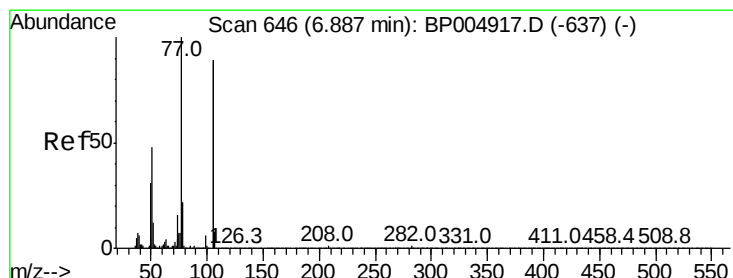
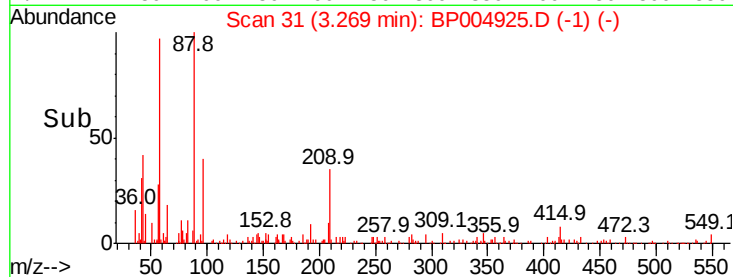
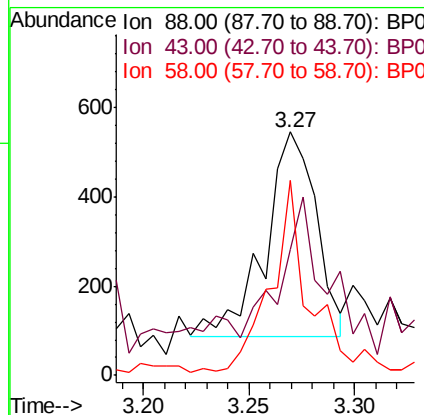
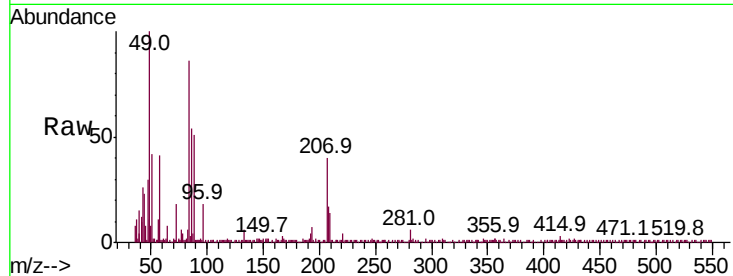
ClientSampleId :

MDL-ME-SOIL-04

Tot Ion:	88	Resp:	772
Ion	Ratio	Lower	Upper
88	100		
43	51.6	28.0	42.0#
58	80.2	46.3	69.5#

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#4

Benzaldehyde

Concen: 6.555 ng/uL

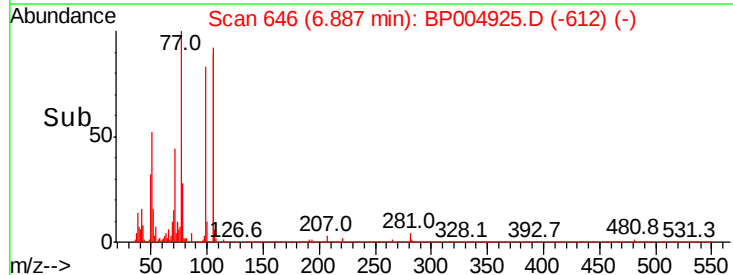
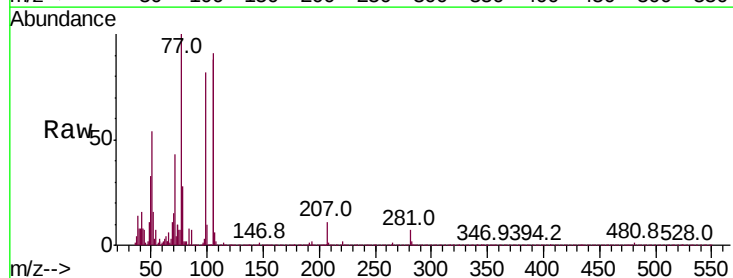
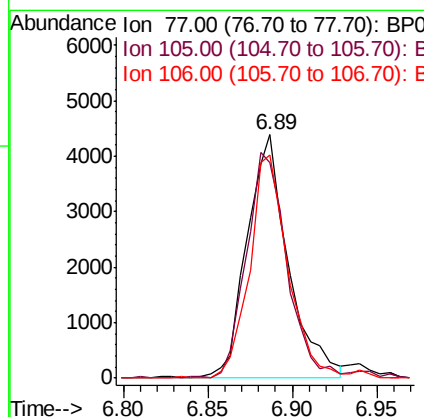
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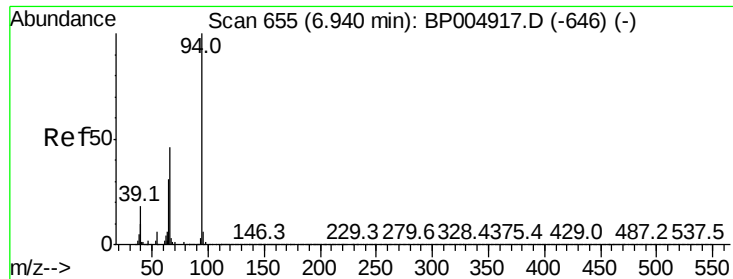
Delta R.T. -0.00 min

Lab File: BP004925.D

Acq: 05 Mar 2021 20:06

Tgt Ion:	77	Resp:	7442
Ion	Ratio	Lower	Upper
77	100		
105	88.4	71.7	107.5
106	91.4	72.3	108.5





#6

Phenol

Concen: 4.333 ng/ul

RT: 6.93 min Scan# 654

Delta R.T. -0.01 min

Lab File: BP004925.D

Acq: 05 Mar 2021 20:06

Instrument :

BNA_P

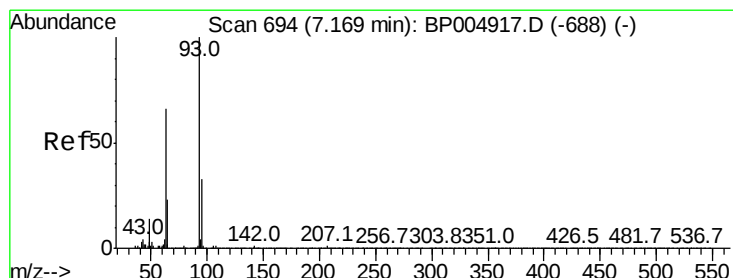
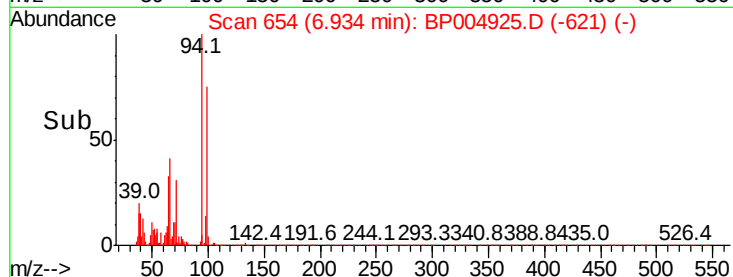
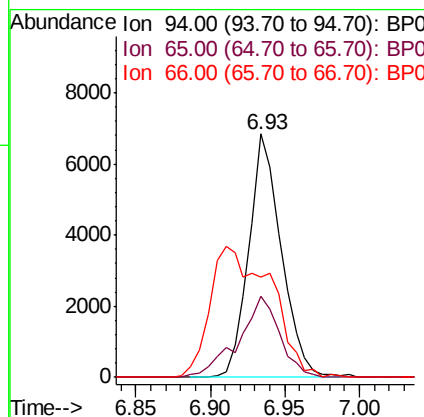
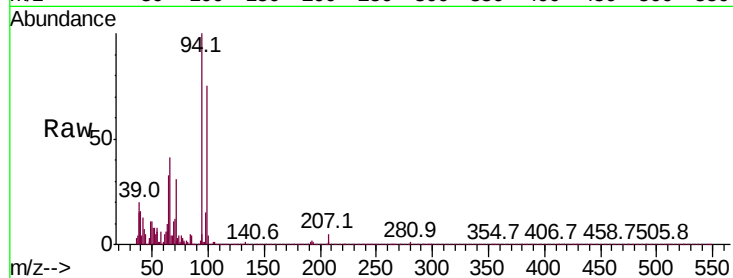
ClientSampleId :

MDL-ME-SOIL-04

Tot Ion:	94	Resp:	10294
Ion Ratio	Lower	Upper	
94	100		
65	33.4	24.8	37.2
66	40.9	35.4	53.2

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#8

Bis(2-Chloroethyl)ether

Concen: 4.696 ng/ul

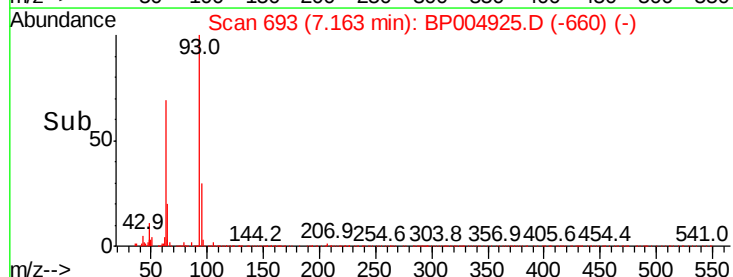
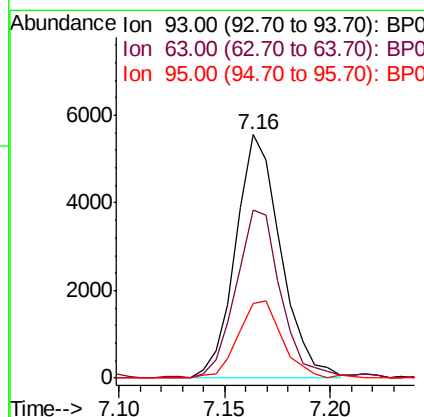
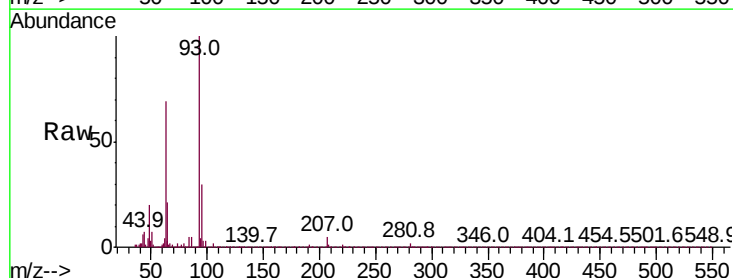
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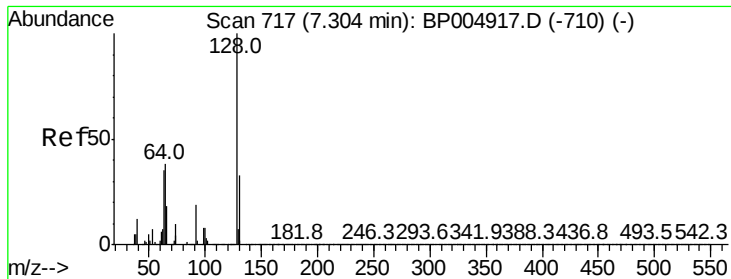
Delta R.T. -0.01 min

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Tgt Ion:	93	Resp:	8240
Ion Ratio	Lower	Upper	
93	100		
63	69.3	57.0	85.6
95	30.5	26.7	40.1





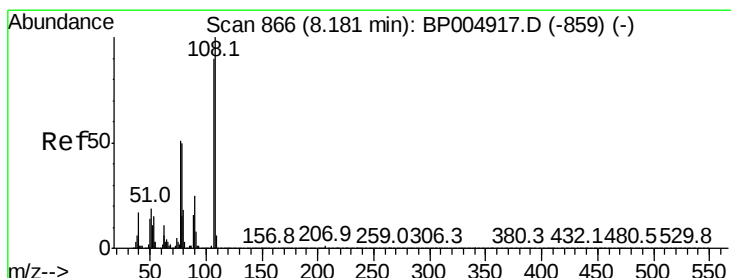
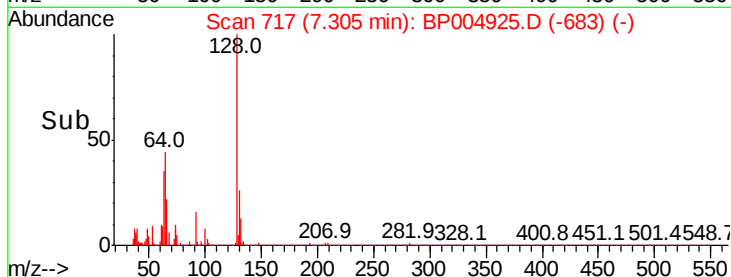
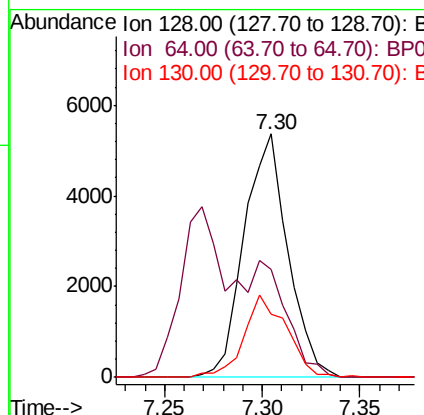
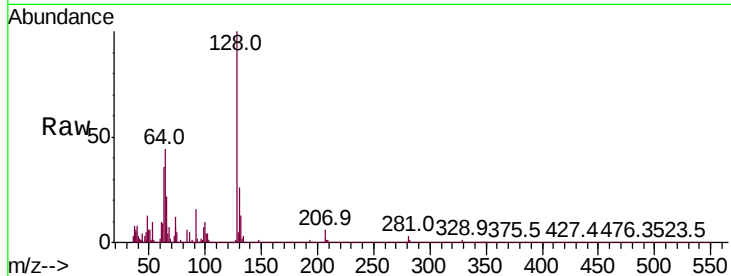
#10
2-Chlorophenol
Concen: 4.422 ng/ul
RT: 7.30 min Scan# 717
Delta R.T. -0.00 min
Lab File: BP004925.D
Acq: 05 Mar 2021 20:06

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Tot Ion	Ratio	Lower	Upper
128	100		
64	44.3	35.6	53.4
130	26.0	25.0	37.6

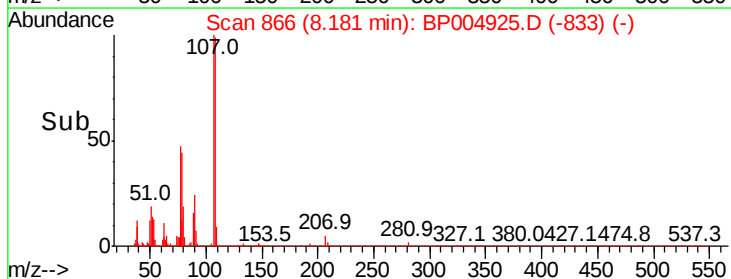
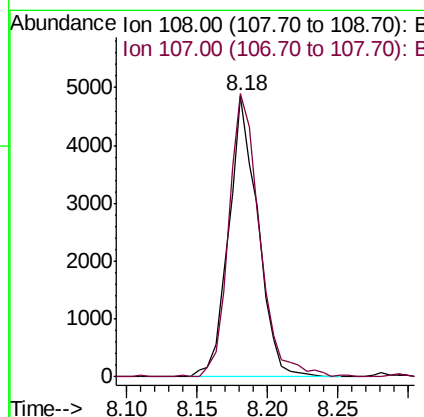
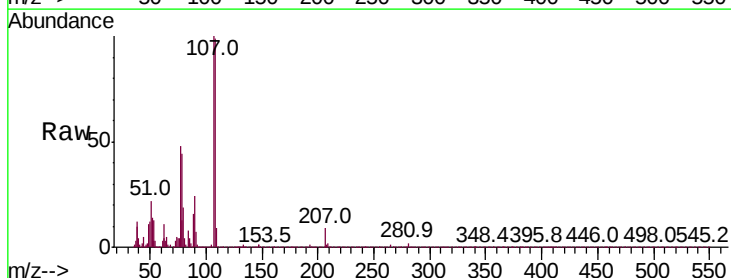
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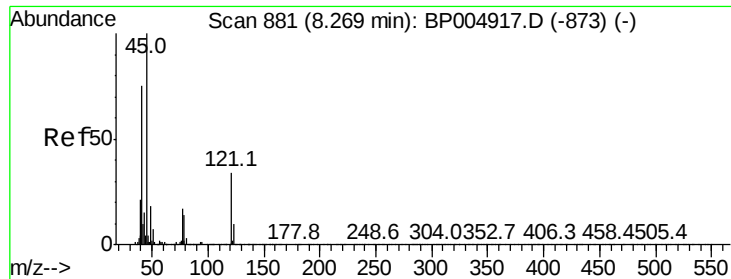
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#11
2-Methylphenol
Concen: 3.851 ng/ul
RT: 8.18 min Scan# 866
Delta R.T. -0.01 min
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Tgt Ion	Ratio	Lower	Upper
108	100		
107	100.6	72.6	109.0





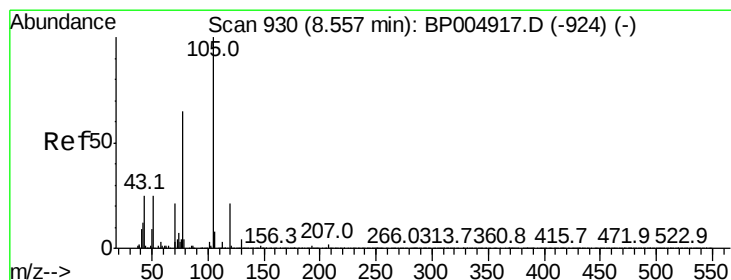
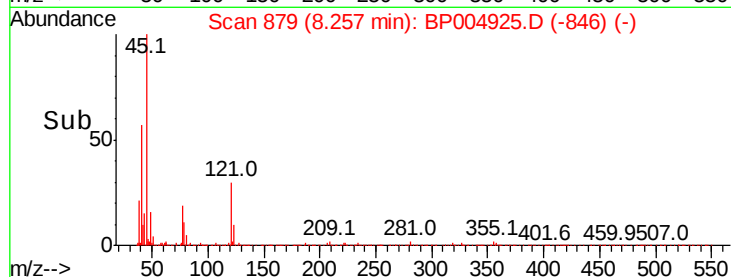
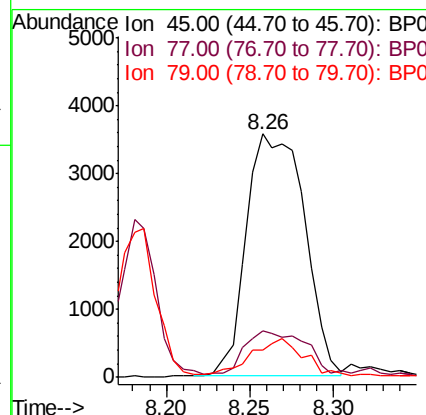
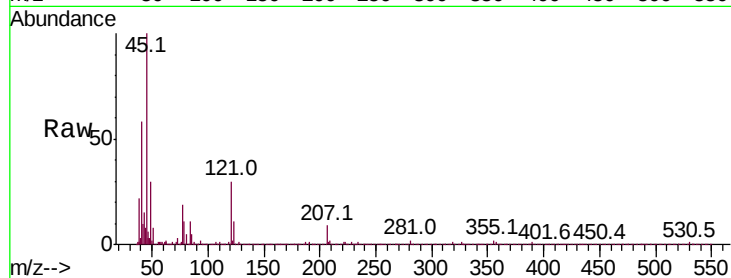
#12
2,2'-oxvbis(1-Chloropropane)
Concen: 4.830 ng/ul m
RT: 8.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BP004925.D
Acq: 05 Mar 2021 20:06

Instrument :
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MDL-ME-SOIL-04

Tot Ion	Ratio	Lower	Upper
45	100		
77	18.9	14.8	22.2
79	11.3	11.0	16.4

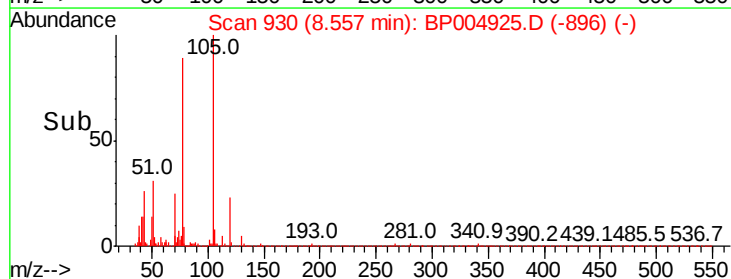
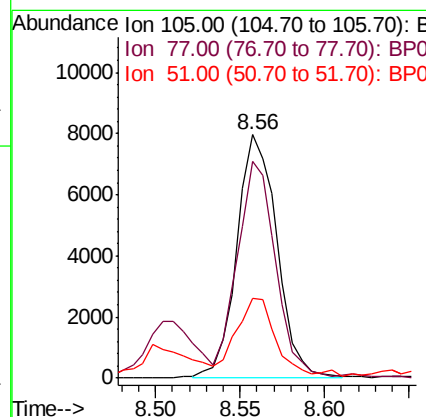
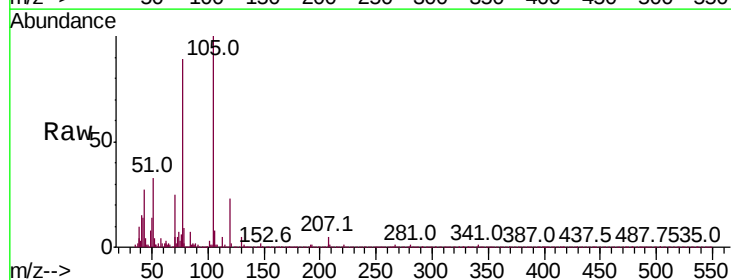
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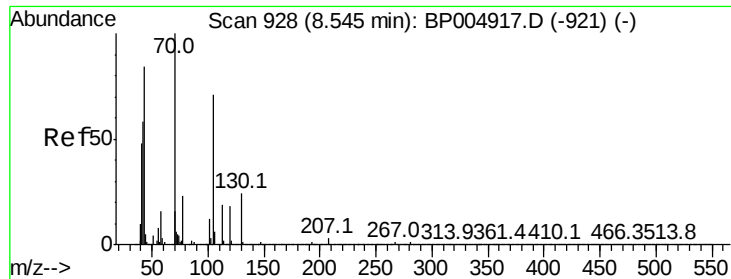
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#14
Acetophenone
Concen: 4.345 ng/ul
RT: 8.56 min Scan# 930
Delta R.T. -0.00 min
Lab File: BP004925.D
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Tgt Ion	Ratio	Lower	Upper
105	100		
77	89.2	61.4	92.2
51	32.9	22.0	33.0





#15

N-Nitroso-di-n-propylamine

Concen: 4.596 ng/ul

RT: 8.55 min Scan# 928

Delta R.T. -0.00 min

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Instrument :

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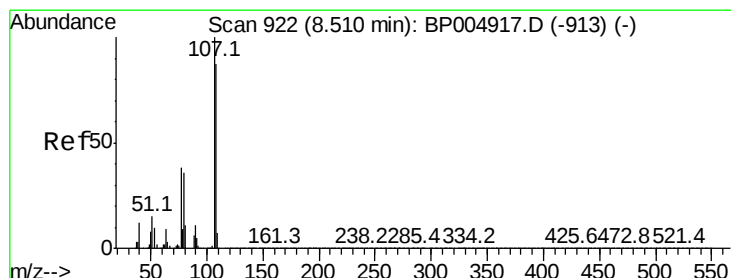
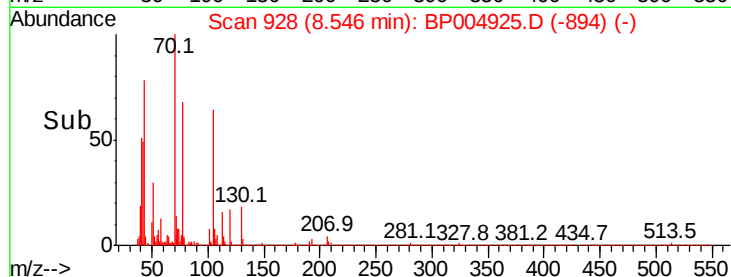
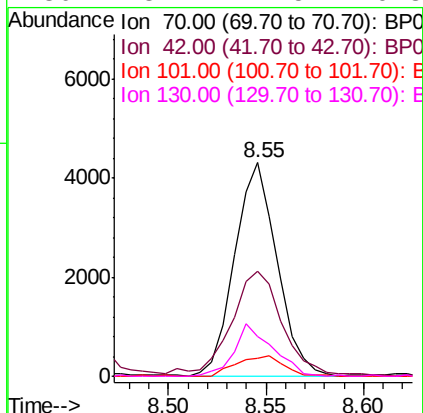
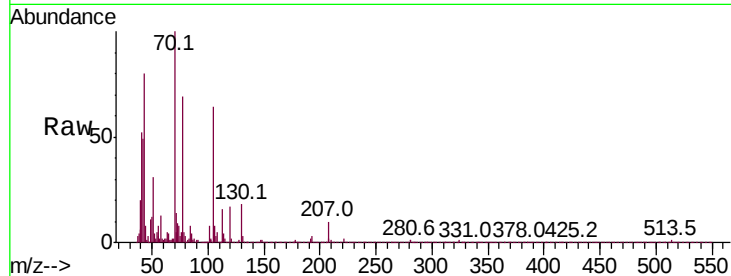
ClientSampleId :

MDL-ME-SOIL-04

Tot Ion:	70	Resp:	6517
Ion Ratio	Lower	Upper	
70	100		
42	49.4	43.2	64.8
101	8.3	8.2	12.4
130	18.4	17.5	26.3

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#16

4-Methylphenol

Concen: 4.223 ng/ul

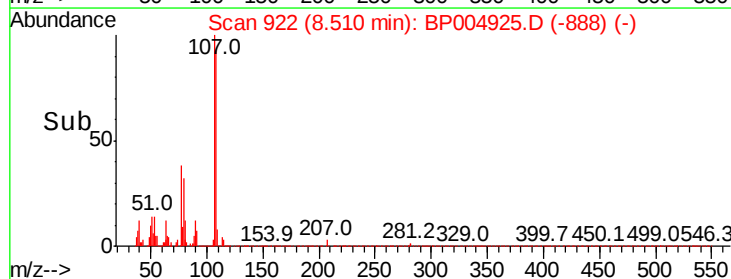
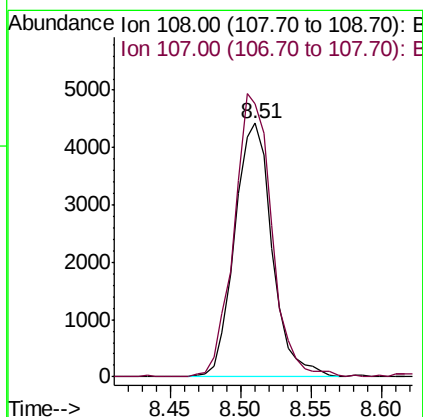
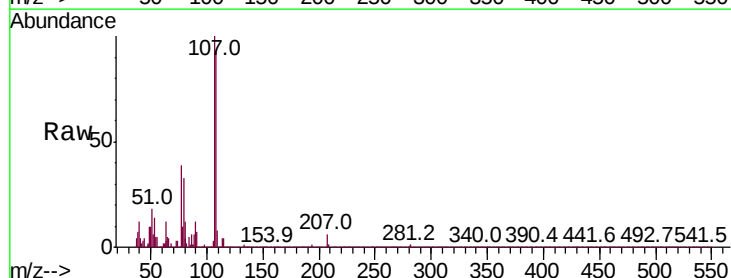
RT: 8.51 min Scan# 922

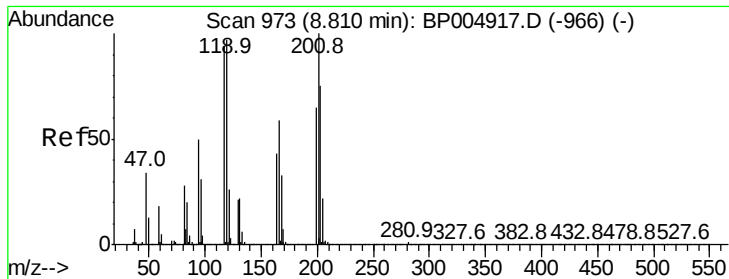
Delta R.T. -0.00 min

Lab File: BP004925.D

Acq: 05 Mar 2021 20:06

Tgt Ion:	108	Resp:	8213
Ion Ratio	Lower	Upper	
108	100		
107	107.9	85.5	128.3





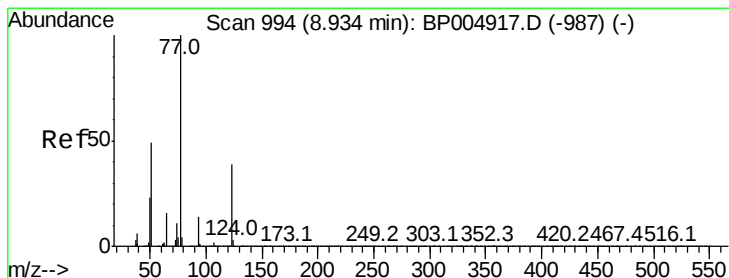
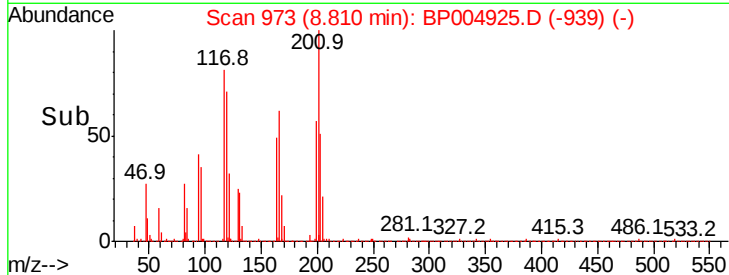
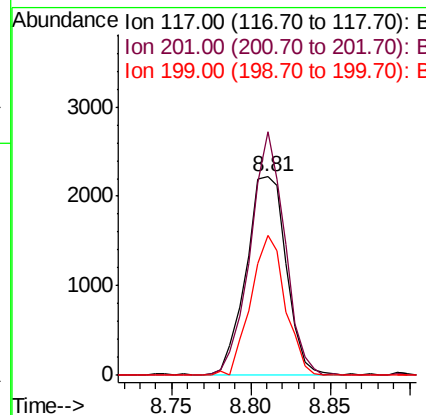
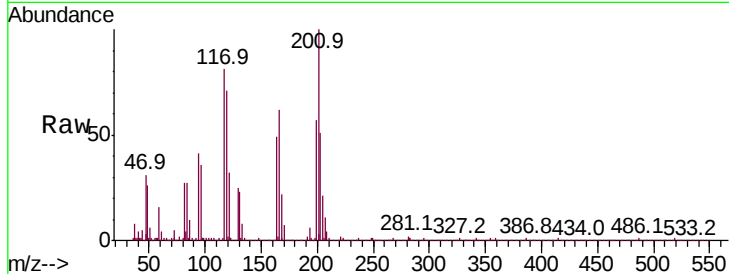
#17
Hexachloroethane
Concen: 4.732 ng/ul
RT: 8.81 min Scan# 973
Delta R.T. -0.00 min
Lab File: BP004925.D
Acq: 05 Mar 2021 20:06

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

Tot Ion	Ratio	Lower	Upper
117	100		
201	126.2	86.0	129.0
199	70.4	55.7	83.5

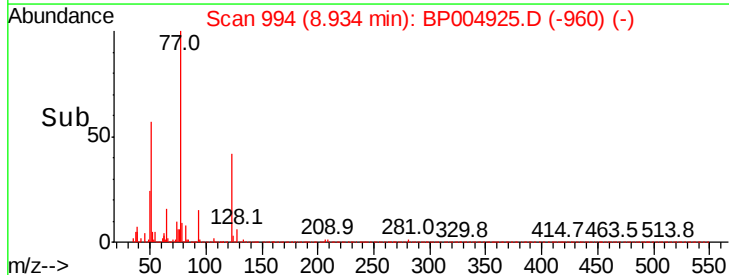
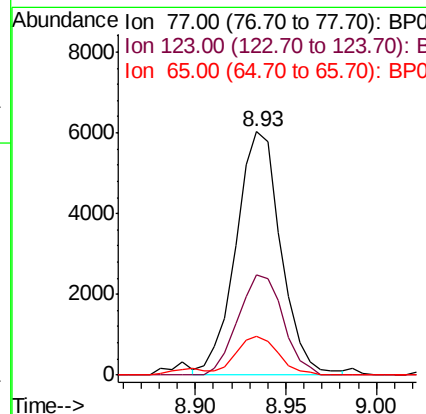
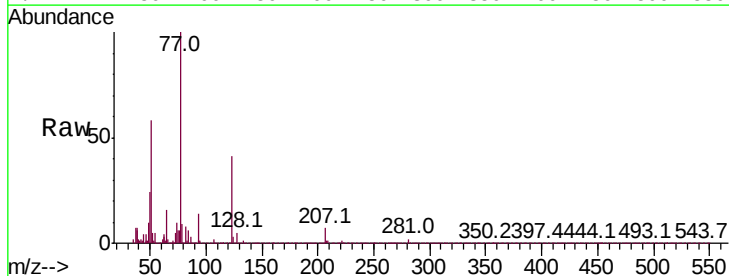
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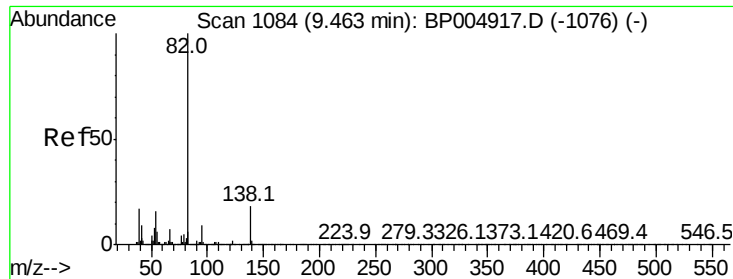
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#20
Nitrobenzene
Concen: 4.604 ng/ul
RT: 8.93 min Scan# 994
Delta R.T. -0.00 min
Lab File: BP004925.D
Acq: 05 Mar 2021 20:06

Tgt Ion	Ratio	Lower	Upper
77	100		
123	41.3	35.7	53.5
65	16.1	11.4	17.2





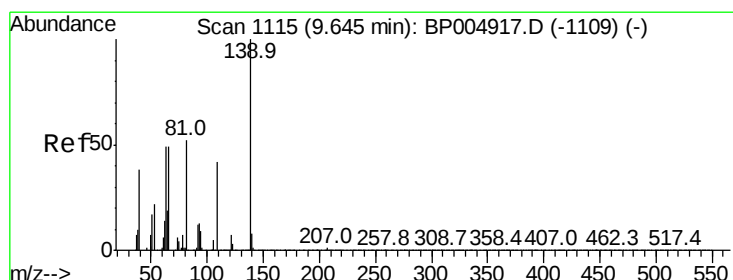
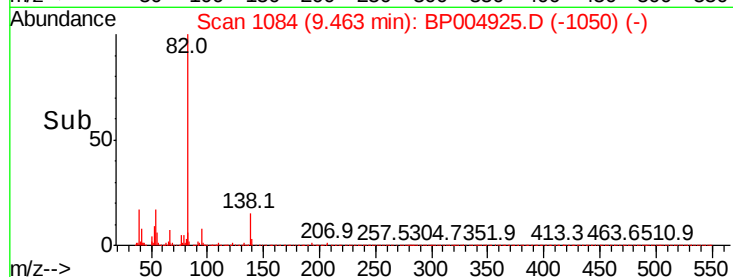
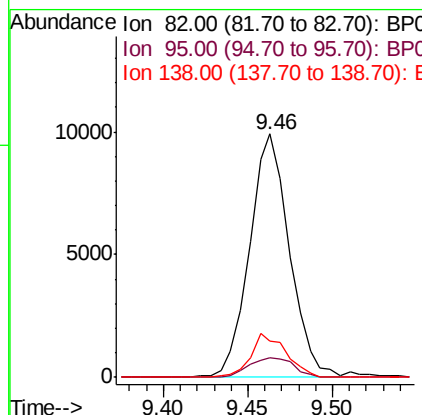
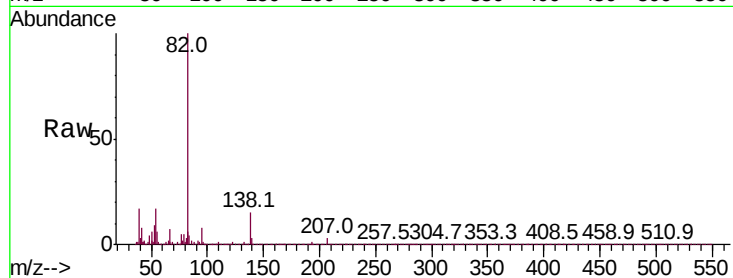
#21
Isophorone
Concen: 4.231 ng/ul
RT: 9.46 min Scan# 1084
Delta R.T. -0.00 min
Lab File: BP004925.D
Acq: 05 Mar 2021 20:06

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

Tot Ion	Ratio	Resp Lower	Upper
82	100		
95	8.1	7.4	11.2
138	14.9	15.3	22.9#

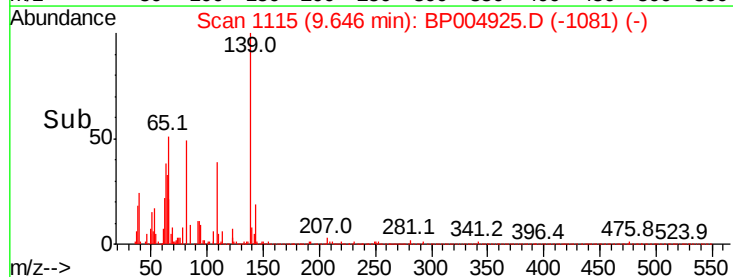
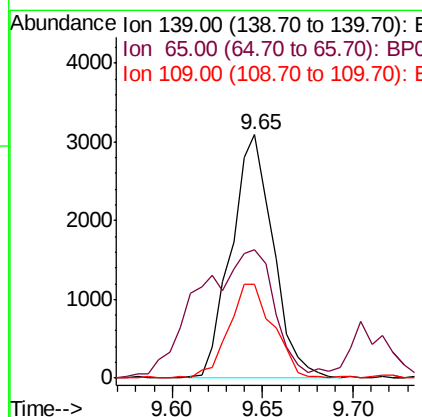
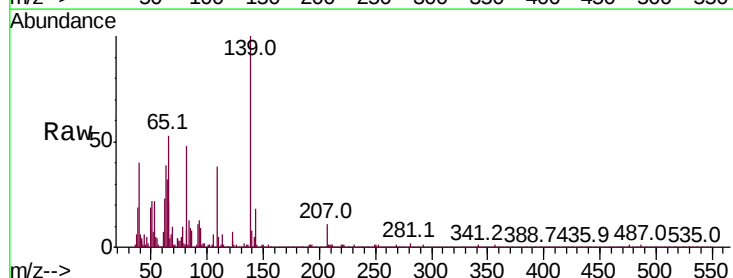
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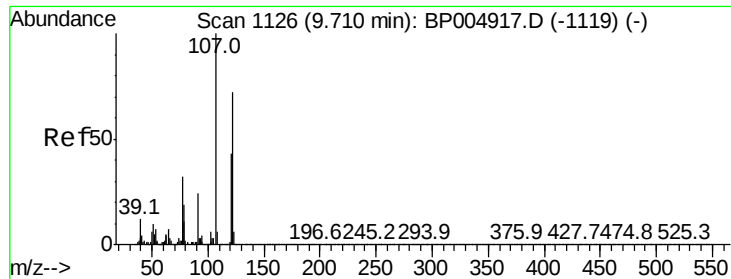
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#23
2-Nitrophenol
Concen: 4.689 ng/ul
RT: 9.65 min Scan# 1115
Delta R.T. -0.00 min
Lab File: BP004925.D
Acq: 05 Mar 2021 20:06

Tgt Ion	Ratio	Resp Lower	Upper
139	100		
65	52.6	46.2	69.4
109	38.3	35.9	53.9





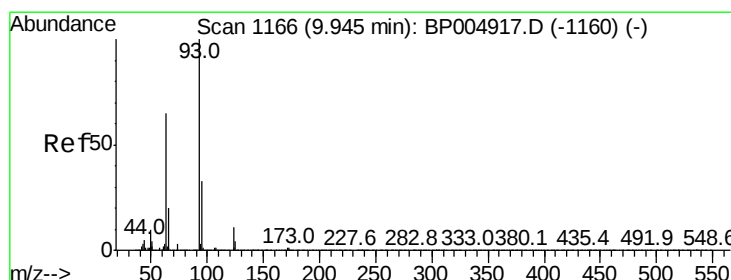
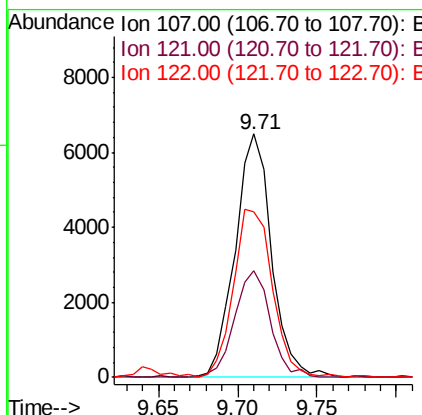
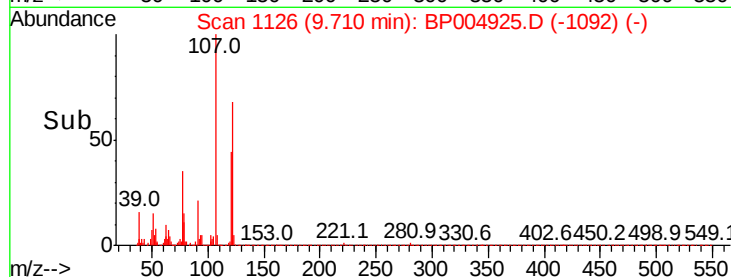
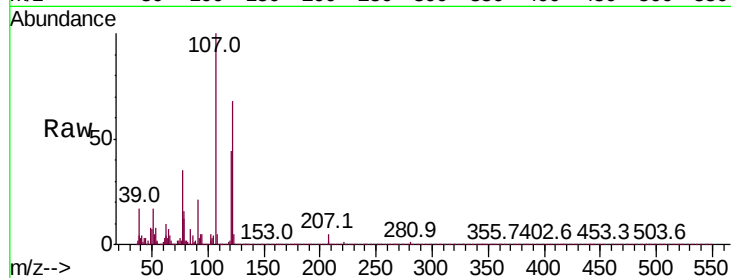
#24
2,4-Dimethylphenol
Concen: 4.349 ng/ul
RT: 9.71 min Scan# 1126
Delta R.T. -0.00 min
Lab File: BP004925.D
Acq: 05 Mar 2021 20:06

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

Tot Ion:	107	Resp:	10354
Ion Ratio	Lower	Upper	
107	100		
121	43.9	39.4	59.2
122	67.9	62.8	94.2

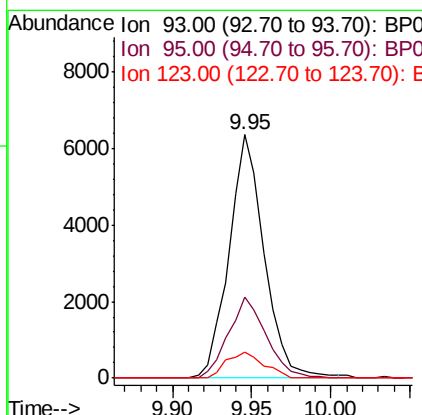
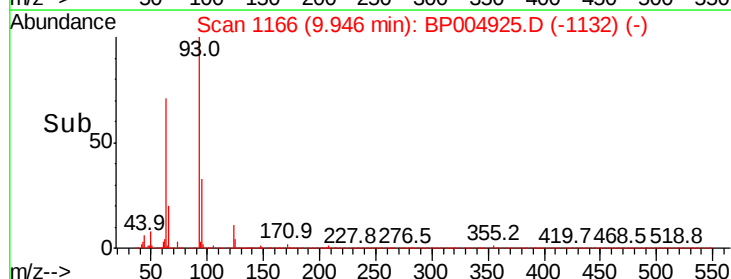
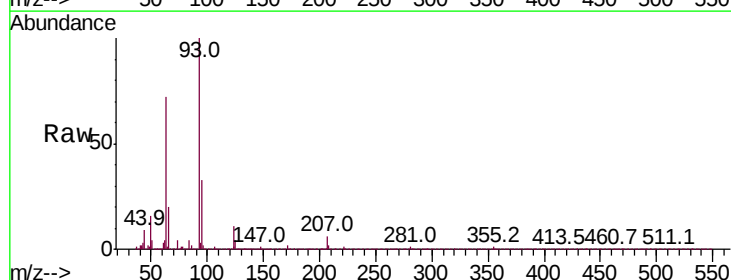
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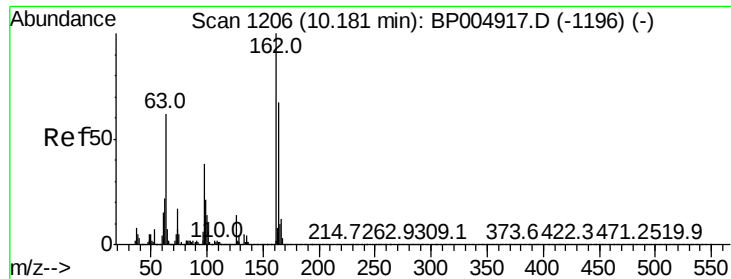
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#25
Bis(2-Chloroethoxy)methane
Concen: 4.148 ng/ul
RT: 9.95 min Scan# 1166
Delta R.T. -0.00 min
Lab File: BP004925.D
Acq: 05 Mar 2021 20:06

Tgt Ion:	93	Resp:	9791
Ion Ratio	Lower	Upper	
93	100		
95	33.3	25.0	37.6
123	10.7	10.1	15.1





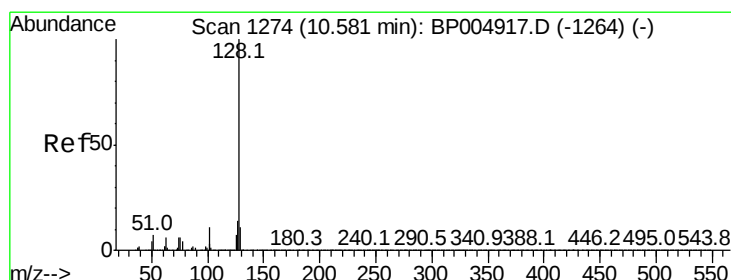
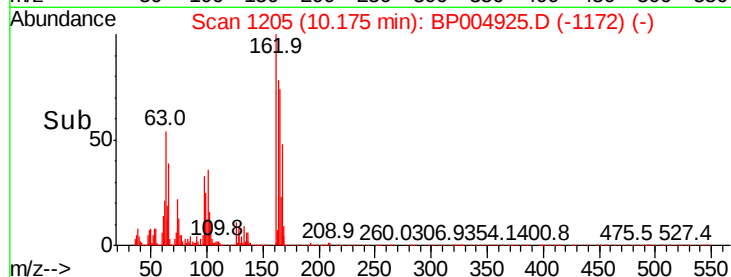
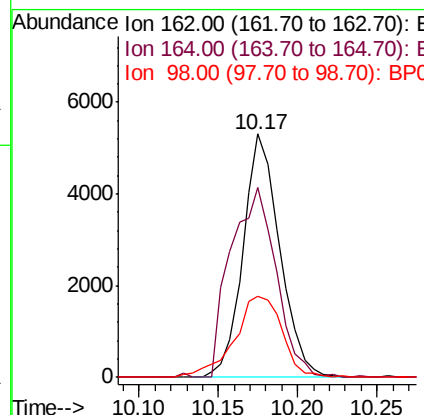
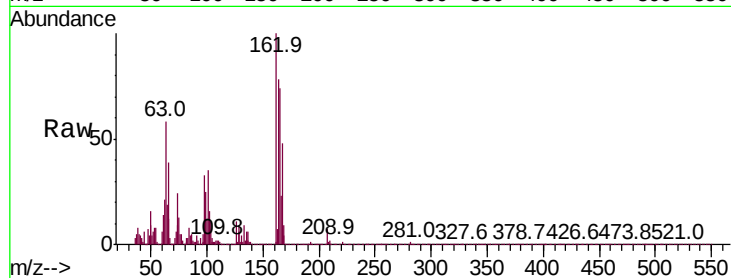
#27
2,4-Dichlorophenol
Concen: 4.489 ng/ul
RT: 10.17 min Scan# 1205
Delta R.T. -0.01 min
Lab File: BP004925.D
Acq: 05 Mar 2021 20:06

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

Tot Ion:	162	Resp:	8529
Ion Ratio	Lower	Upper	
162	100		
164	77.8	52.6	78.8
98	33.3	30.2	45.4

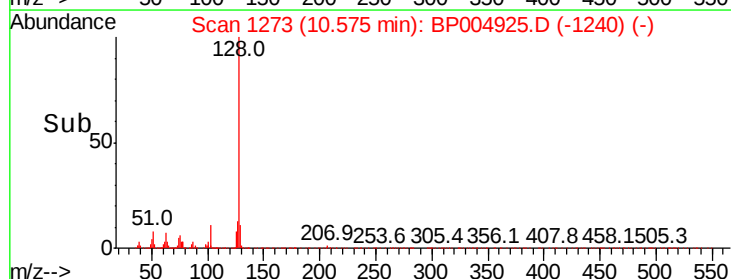
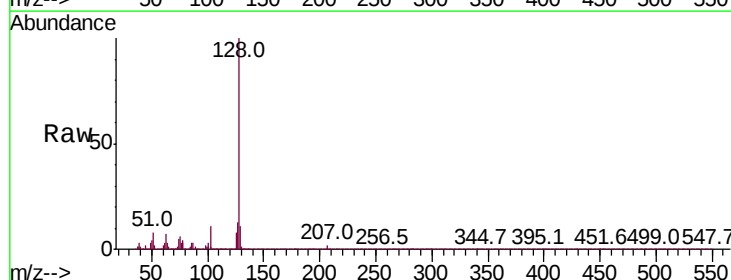
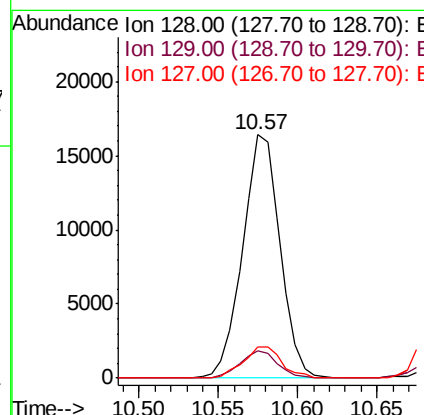
Manual Integrations
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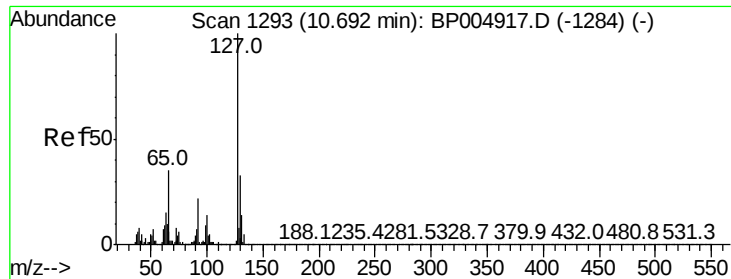
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#28
Naphthalene
Concen: 4.297 ng/ul
RT: 10.57 min Scan# 1273
Delta R.T. -0.01 min
Lab File: BP004925.D
Acq: 05 Mar 2021 20:06

Tgt Ion:	128	Resp:	26917
Ion Ratio	Lower	Upper	
128	100		
129	11.0	8.9	13.3
127	13.0	10.6	16.0





#30

4-Chloroaniline

Concen: 5.116 ng/ul

RT: 10.69 min Scan# 1293

Delta R.T. -0.00 min

Lab File: BP004925.D

Acq: 05 Mar 2021 20:06

Instrument :
BNA_P

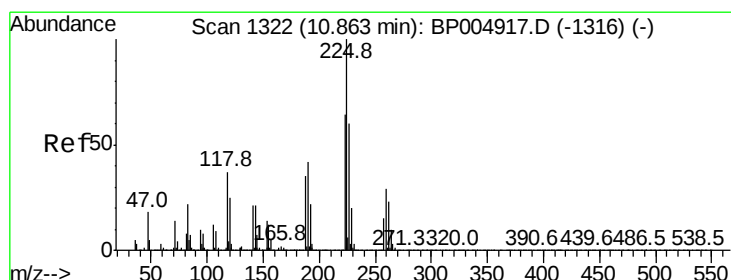
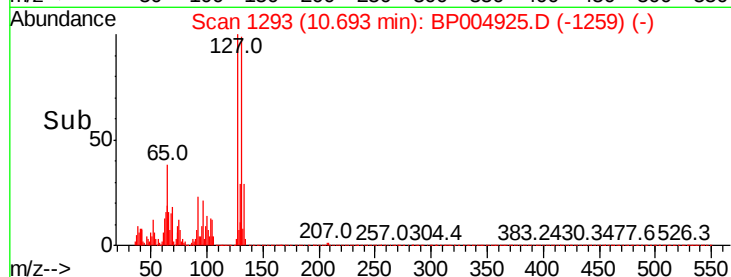
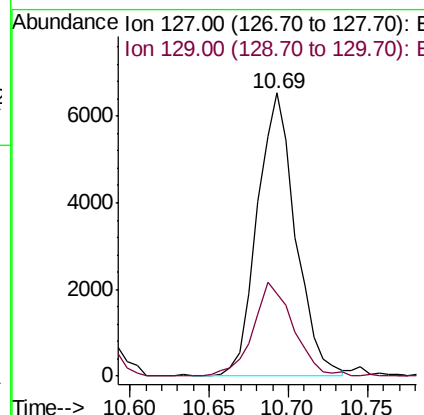
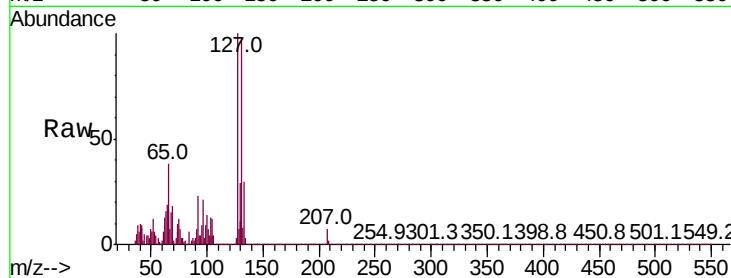
ClientSampleId :
MDL-ME-SOIL-04

Tot Ion:127 Resp: 10990

Ion	Ratio	Lower	Upper
127	100		
129	29.1	25.8	38.6

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#31

Hexachlorobutadiene

Concen: 4.329 ng/ul

RT: 10.86 min Scan# 1322

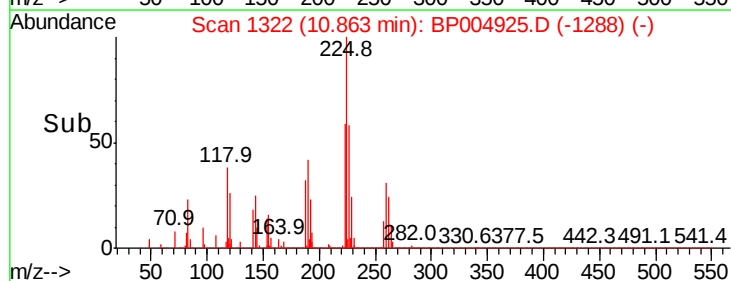
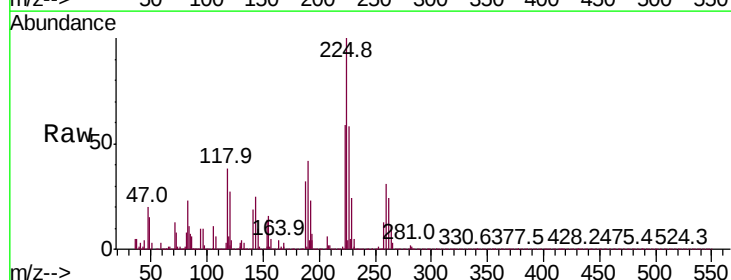
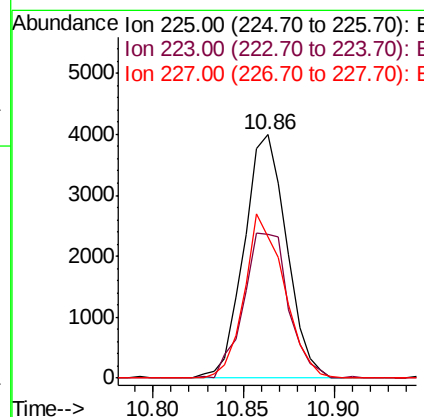
Delta R.T. -0.00 min

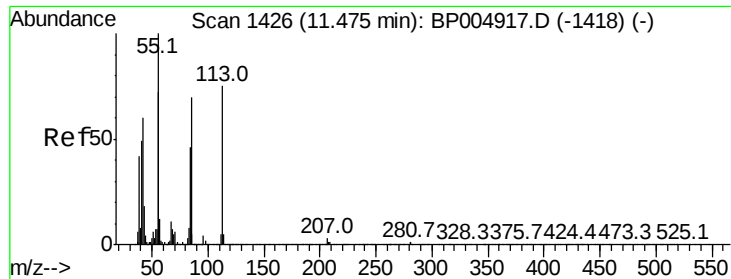
Lab File: BP004925.D

Acq: 05 Mar 2021 20:06

Tgt Ion:225 Resp: 6533

Ion	Ratio	Lower	Upper
225	100		
223	58.1	53.3	79.9
227	55.5	54.5	81.7





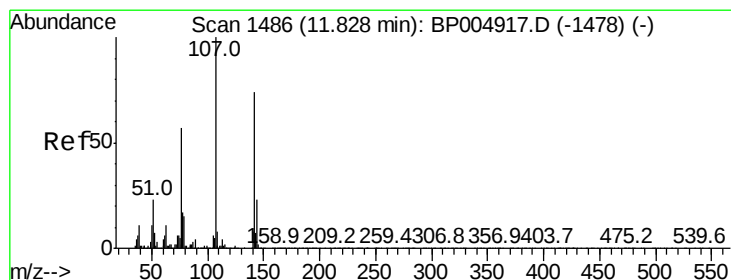
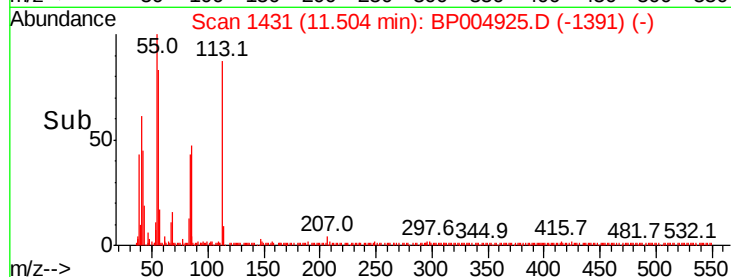
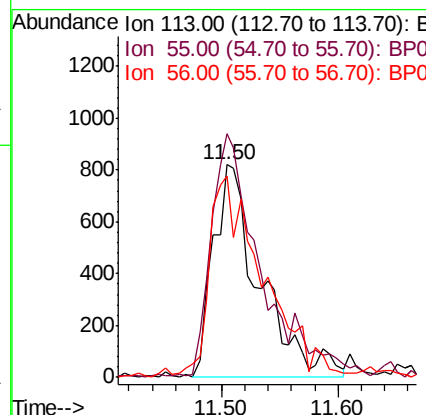
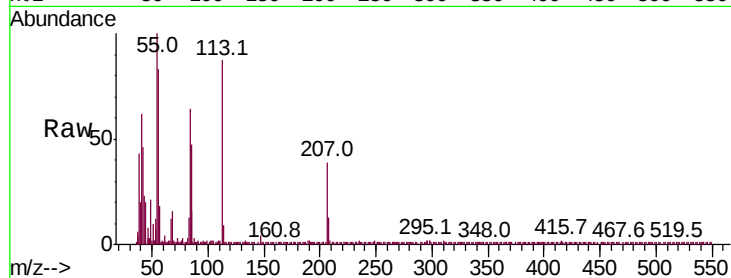
#32
Caprolactam
Concen: 3.853 ng/ul m
RT: 11.50 min Scan# 1431
Delta R.T. 0.04 min
Lab File: BP004925.D
Acq: 05 Mar 2021 20:06

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

Tot Ion	Ratio	Lower	Upper
113	100		
55	114.4	77.4	116.0
56	94.5	64.6	97.0

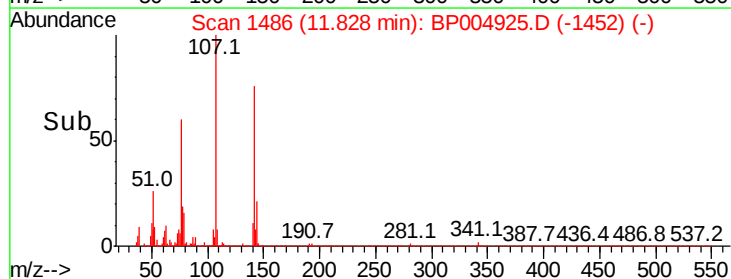
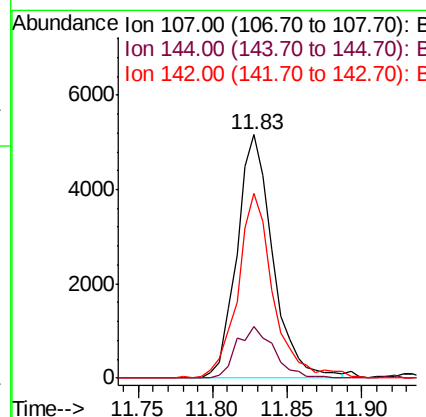
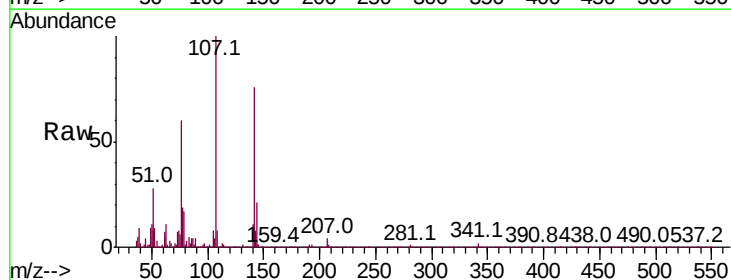
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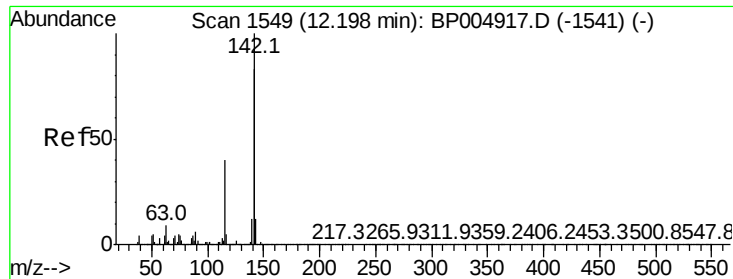
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#33
4-Chloro-3-methylphenol
Concen: 4.079 ng/ul
RT: 11.83 min Scan# 1486
Delta R.T. -0.00 min
Lab File: BP004925.D
Acq: 05 Mar 2021 20:06

Tgt Ion	Ratio	Lower	Upper
107	100		
144	21.2	20.3	30.5
142	76.0	61.0	91.4





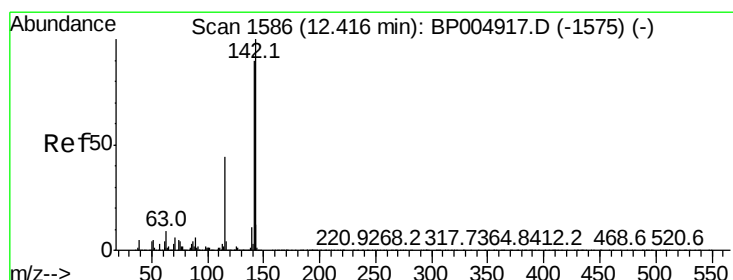
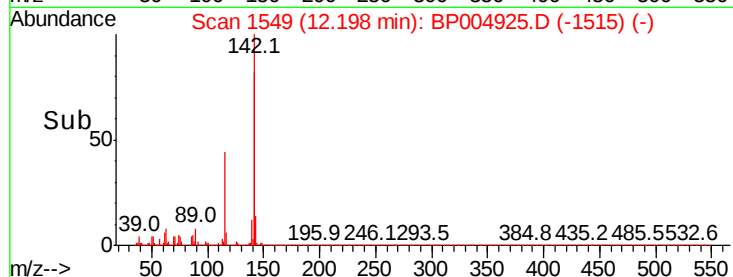
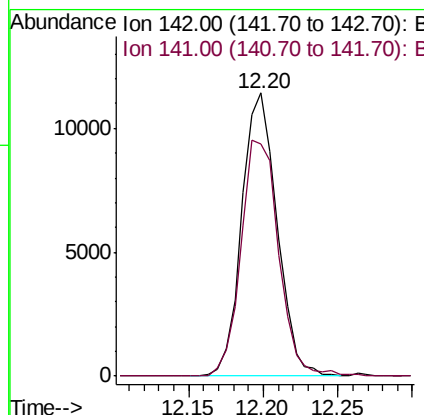
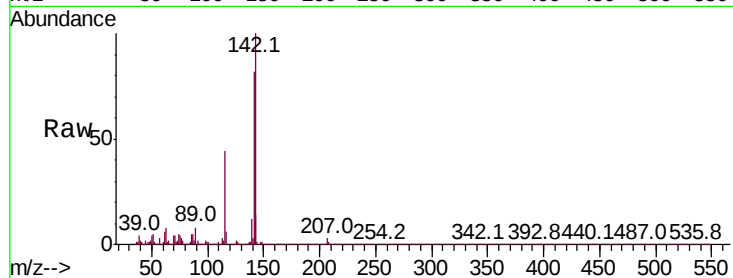
#34
2-Methylnaphthalene
Concen: 4.175 ng/ul
RT: 12.20 min Scan# 1549
Delta R.T. -0.00 min
Lab File: BP004925.D
Acq: 05 Mar 2021 20:06

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

Tot Ion:142 Resp: 18678
Ion Ratio Lower Upper
142 100
141 81.9 71.7 107.5

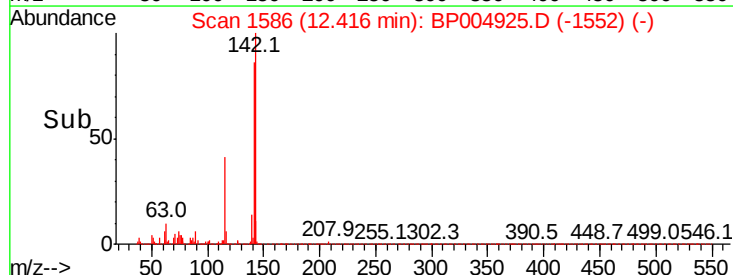
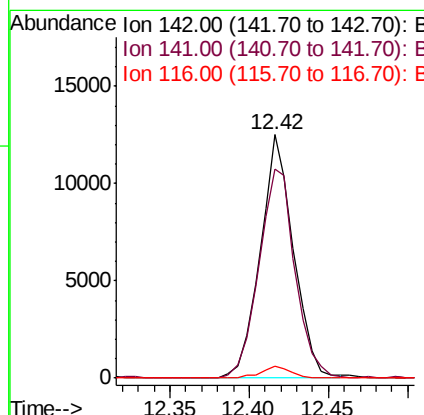
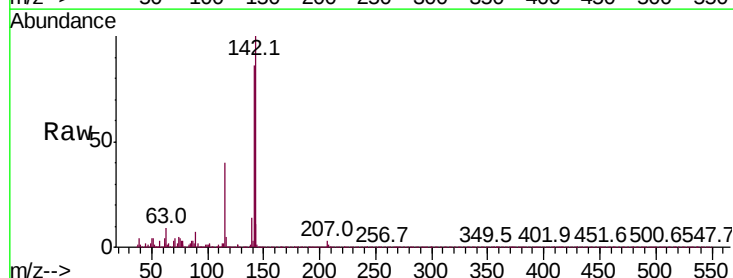
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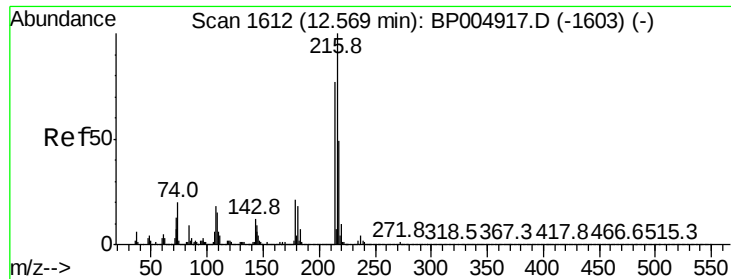
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#35
1-Methylnaphthalene
Concen: 4.216 ng/ul
RT: 12.42 min Scan# 1586
Delta R.T. -0.00 min
Lab File: BP004925.D
Acq: 05 Mar 2021 20:06

Tgt Ion:142 Resp: 18270
Ion Ratio Lower Upper
142 100
141 86.0 70.2 105.4
116 5.1 3.5 5.3





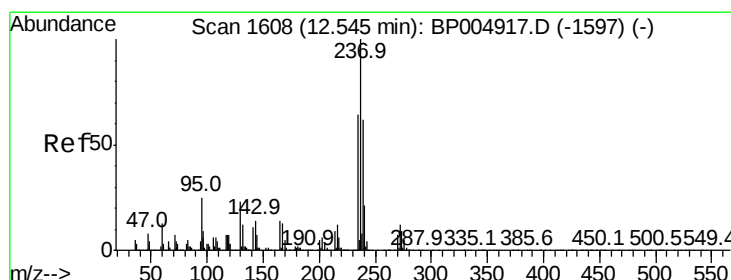
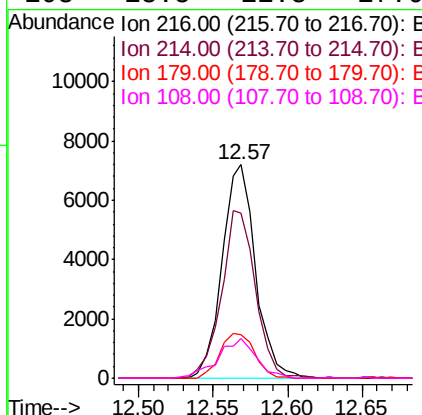
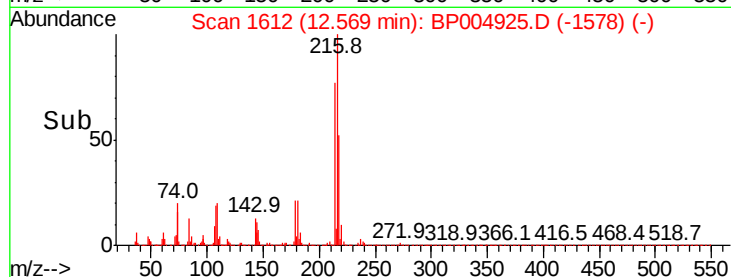
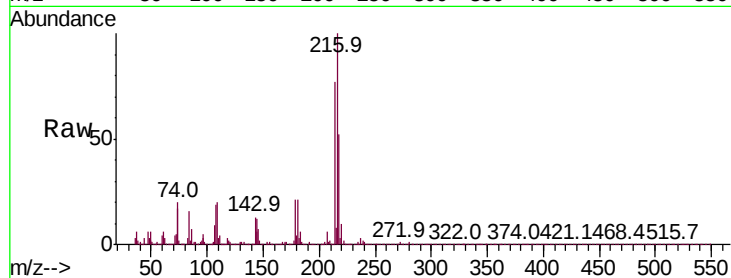
#37
1,2,4,5-Tetrachlorobenzene
Concen: 3.951 ng/ul
RT: 12.57 min Scan# 1612
Delta R.T. -0.00 min
Lab File: BP004925.D
Acq: 05 Mar 2021 20:06

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

Tot Ion	Ratio	Resp	Lower	Upper
216	100			
214	77.2	59.9	89.9	
179	20.7	15.9	23.9	
108	18.5	11.8	17.6	

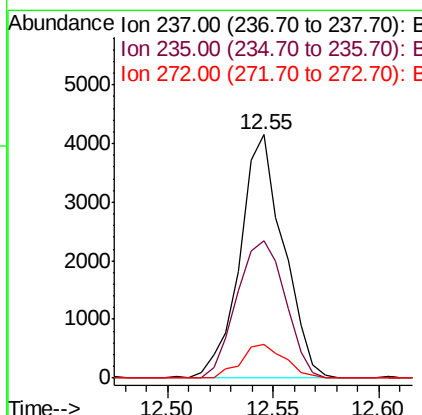
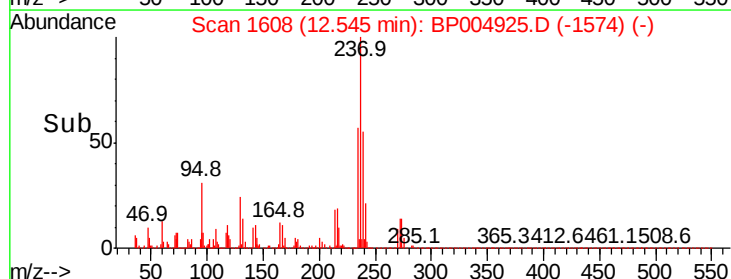
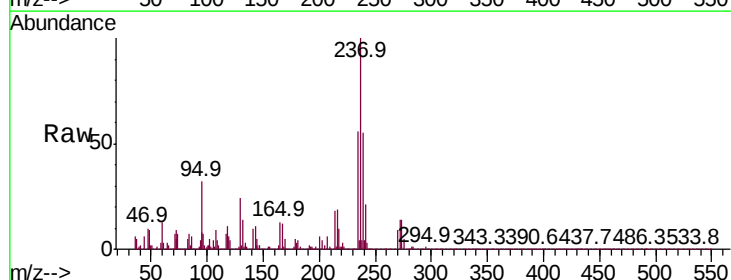
Manual Integrations
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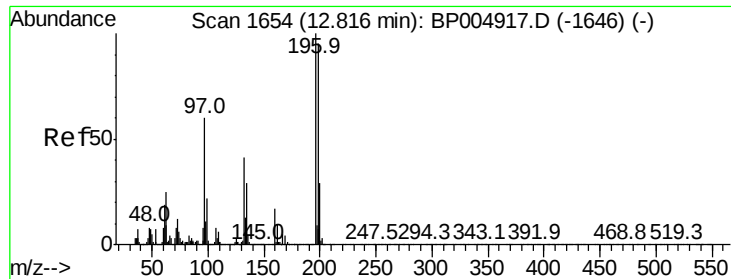
mohammad
3/8/2021 9:36:52 AM



#38
Hexachlorocyclopentadiene
Concen: 3.283 ng/ul
RT: 12.55 min Scan# 1608
Delta R.T. -0.00 min
Lab File: BP004925.D
Acq: 05 Mar 2021 20:06

Tgt Ion	Ratio	Resp	Lower	Upper
237	100			
235	56.5	48.9	73.3	
272	13.7	11.2	16.8	





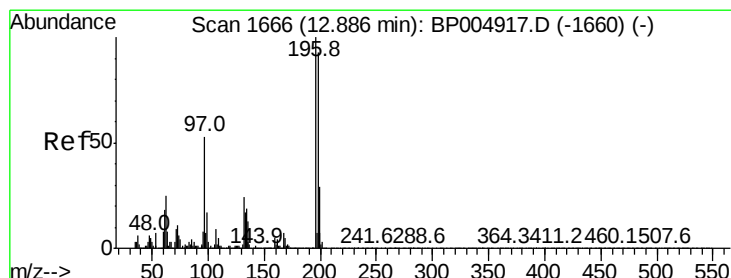
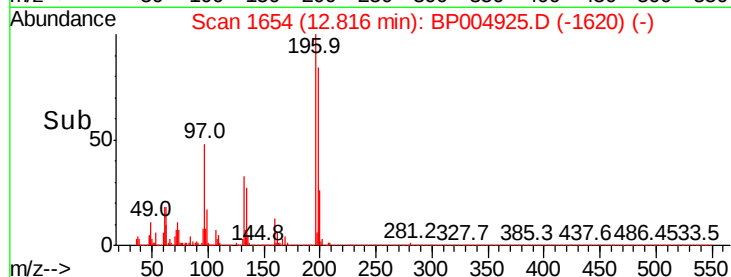
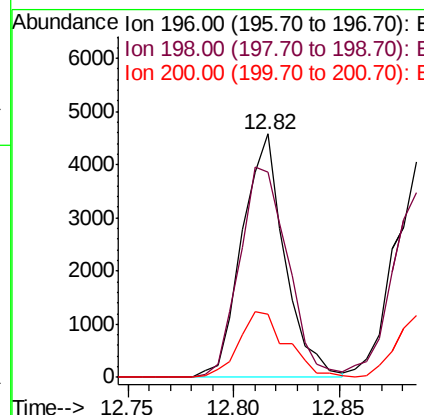
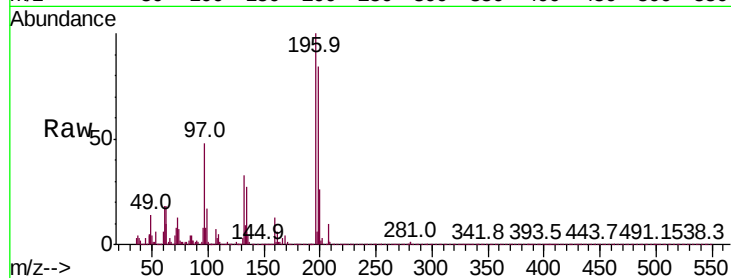
#39
 2,4,6-Trichlorophenol
 Concen: 3.799 ng/ul
 RT: 12.82 min Scan# 1654
 Delta R.T. -0.00 min
 Lab File: BP004925.D
 Acq: 05 Mar 2021 20:06

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

Tot Ion	Ratio	Lower	Upper
196	100		
198	84.0	79.2	118.8
200	25.9	25.0	37.4

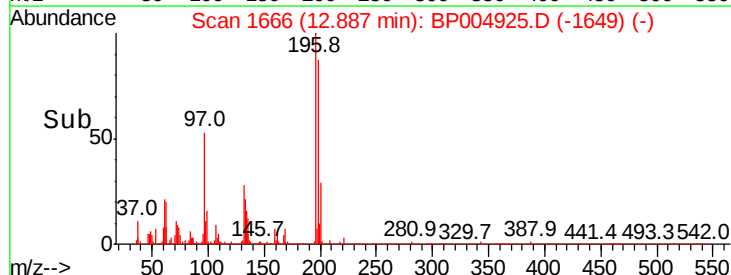
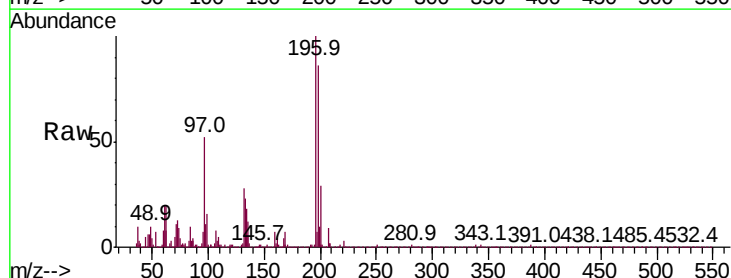
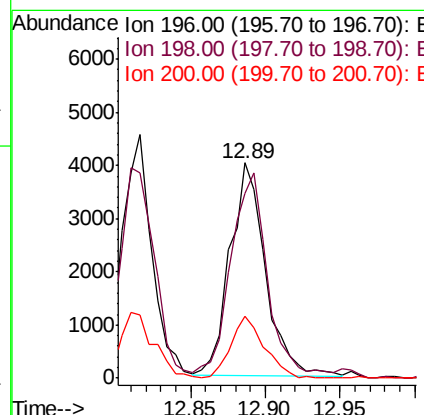
Manual Integrations
 APPROVED

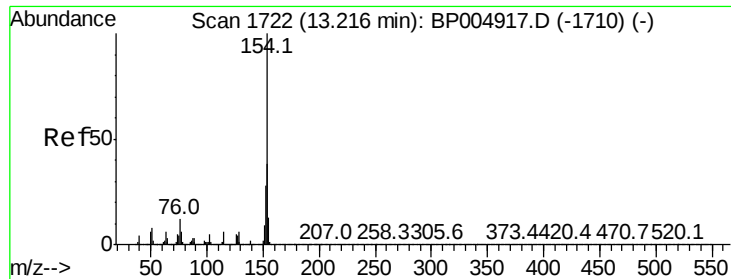
mohammad
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#40
 2,4,5-Trichlorophenol
 Concen: 3.634 ng/ul
 RT: 12.89 min Scan# 1666
 Delta R.T. -0.00 min
 Lab File: BP004925.D
 Acq: 05 Mar 2021 20:06

Tgt Ion	Ratio	Lower	Upper
196	100		
198	85.9	73.0	109.4
200	28.7	26.2	39.2





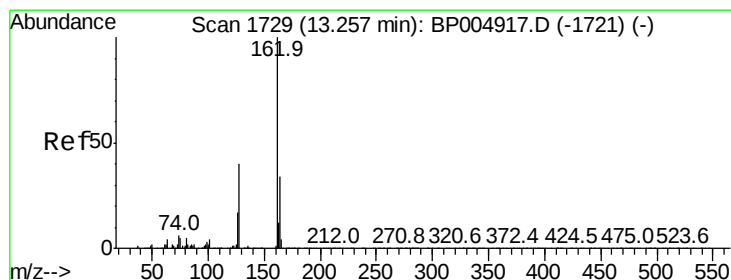
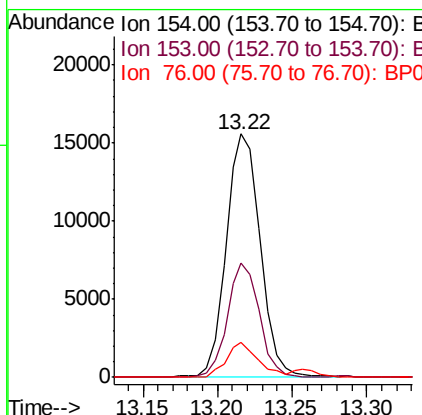
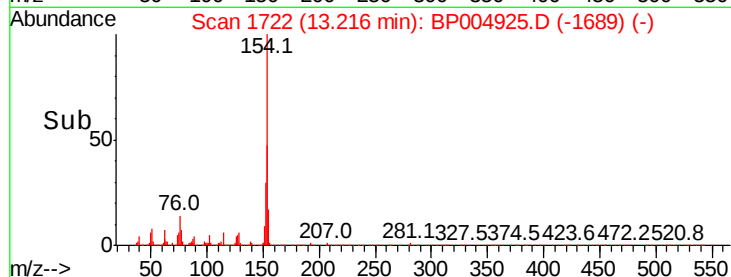
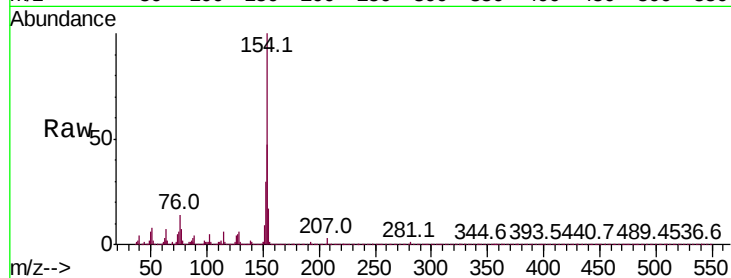
#41
1,1'-Biphenyl
Concen: 4.101 ng/ul
RT: 13.22 min Scan# 1722
Delta R.T. -0.01 min
Lab File: BP004925.D
Acq: 05 Mar 2021 20:06

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

Tot Ion	Ratio	Lower	Upper
154	100		
153	47.2	32.0	48.0
76	14.2	8.7	13.1

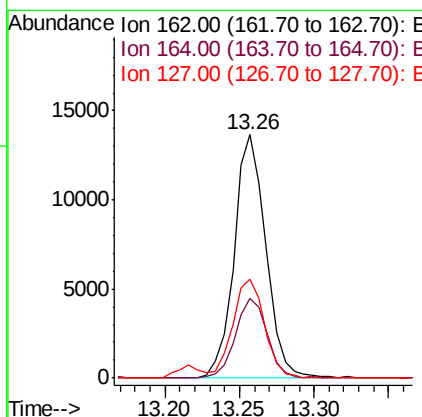
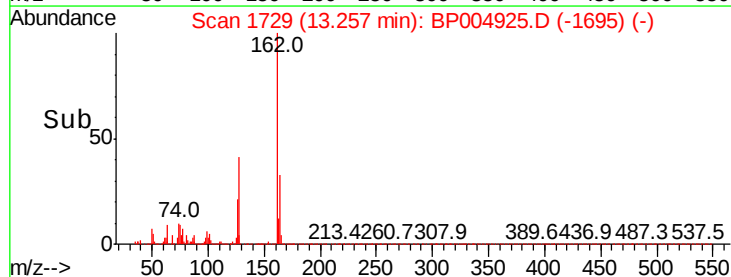
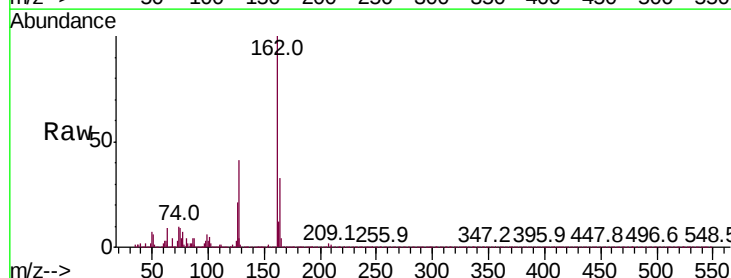
Manual Integrations
APPROVED

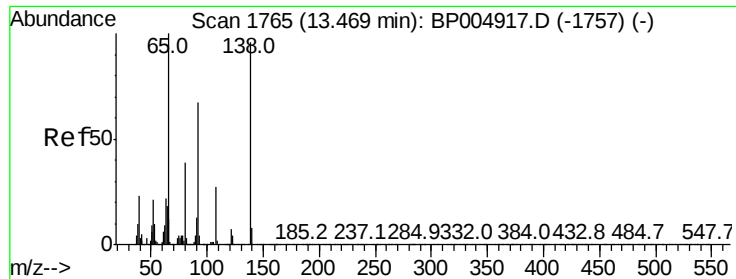
mohammad
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#42
2-Chloronaphthalene
Concen: 4.176 ng/ul
RT: 13.26 min Scan# 1729
Delta R.T. -0.00 min
Lab File: BP004925.D
Acq: 05 Mar 2021 20:06

Tgt Ion	Ratio	Lower	Upper
162	100		
164	32.7	25.4	38.0
127	40.7	31.6	47.4





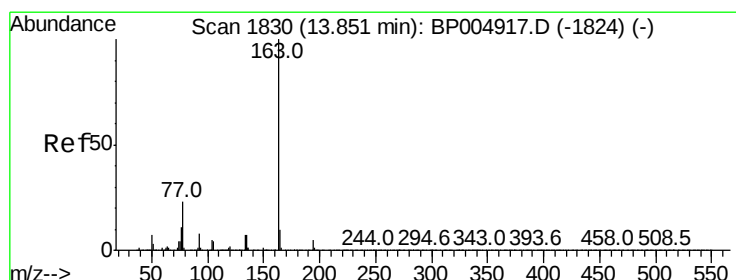
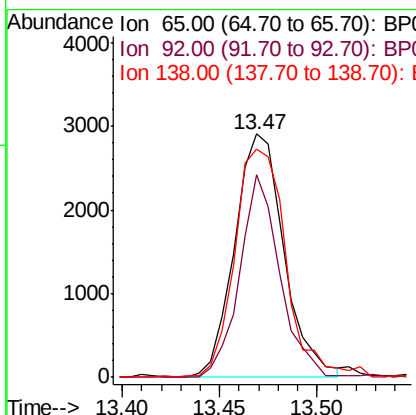
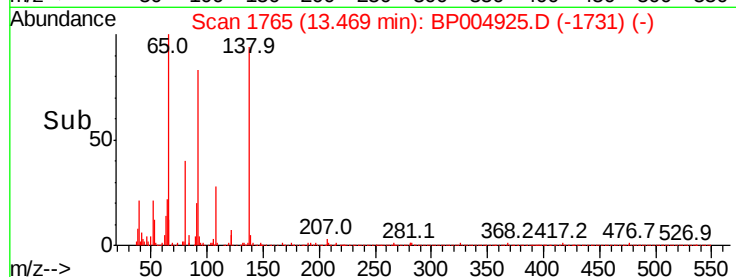
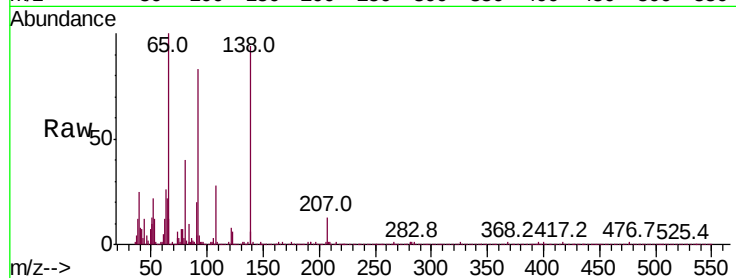
#43
2-Nitroaniline
Concen: 3.974 ng/ul
RT: 13.47 min Scan# 1765
Delta R.T. -0.00 min
Lab File: BP004925.D
Acq: 05 Mar 2021 20:06

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

Tot Ion	Ratio	Lower	Upper
65	100		
92	83.3	59.9	89.9
138	93.5	84.2	126.2

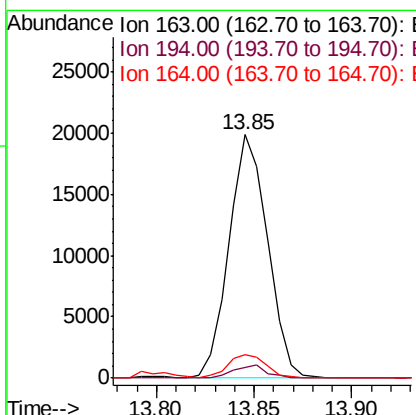
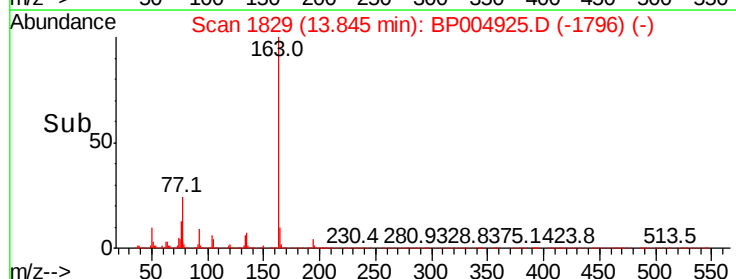
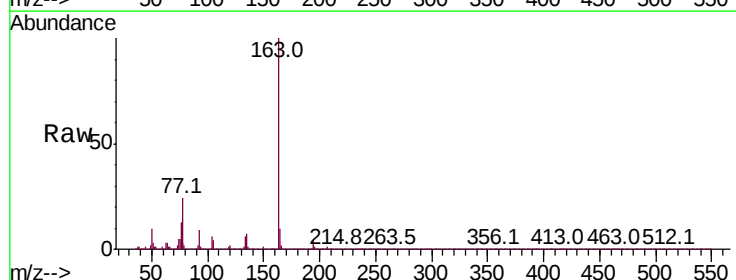
Manual Integrations
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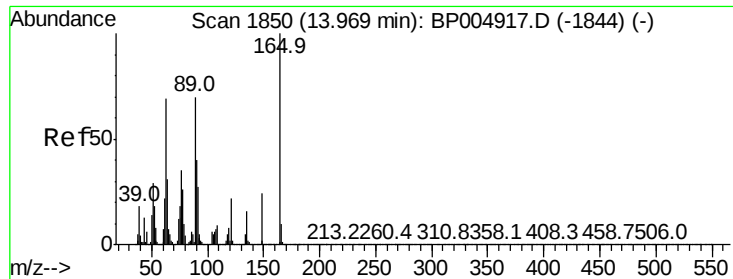
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#45
Dimethylphthalate
Concen: 4.449 ng/ul
RT: 13.85 min Scan# 1829
Delta R.T. -0.01 min
Lab File: BP004925.D
Acq: 05 Mar 2021 20:06

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.5	5.3
164	9.6	8.0	12.0





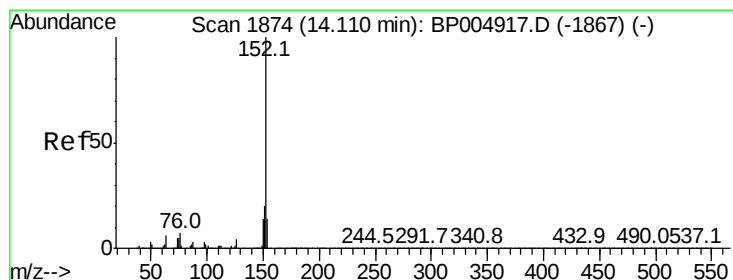
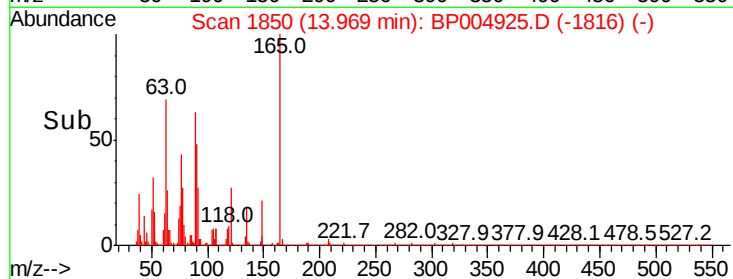
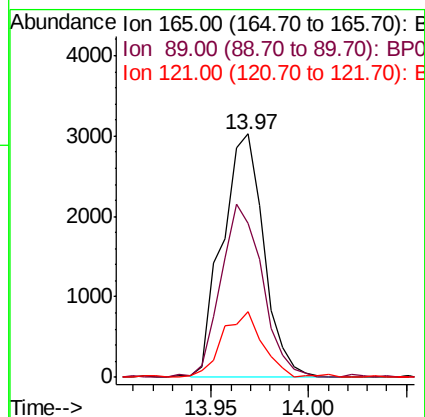
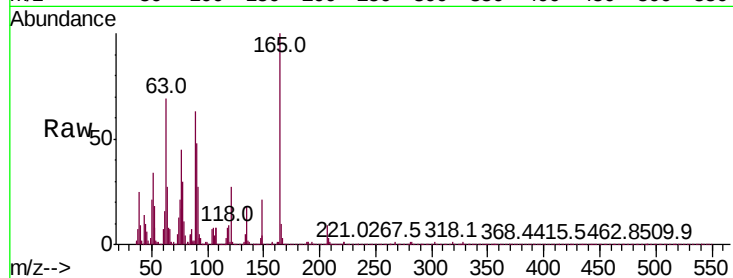
#46
2,6-Dinitrotoluene
Concen: 3.645 ng/ul
RT: 13.97 min Scan# 1850
Delta R.T. -0.00 min
Lab File: BP004925.D
Acq: 05 Mar 2021 20:06

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

Tot Ion	Ratio	Lower	Upper
165	100		
89	63.3	49.8	74.6
121	26.8	17.7	26.5

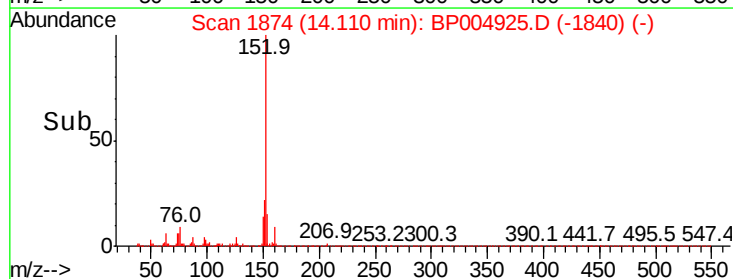
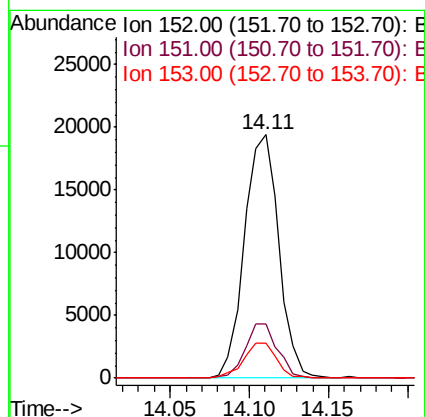
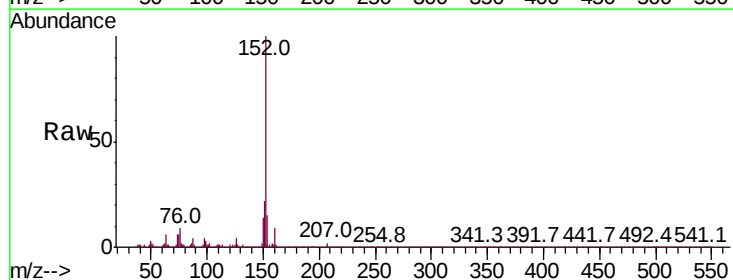
Manual Integrations
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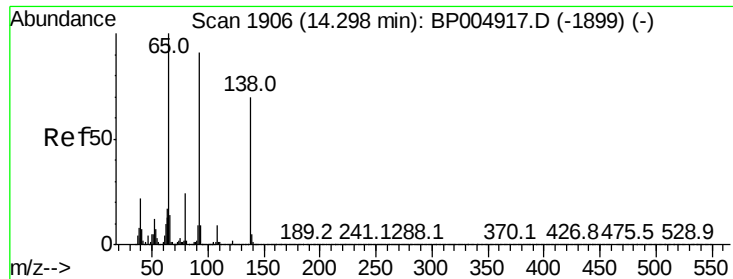
mohammad
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#48
Acenaphthylene
Concen: 4.217 ng/ul
RT: 14.11 min Scan# 1874
Delta R.T. -0.00 min
Lab File: BP004925.D
Acq: 05 Mar 2021 20:06

Tgt Ion	Ratio	Lower	Upper
152	100		
151	22.4	16.8	25.2
153	14.6	10.0	15.0





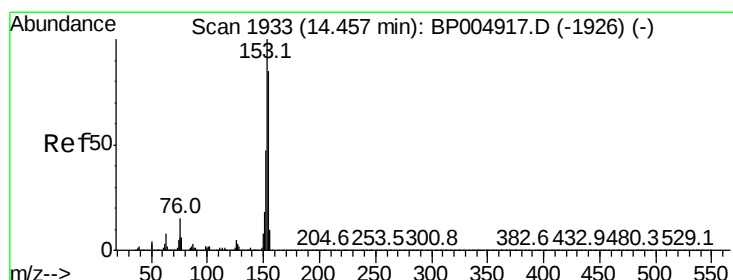
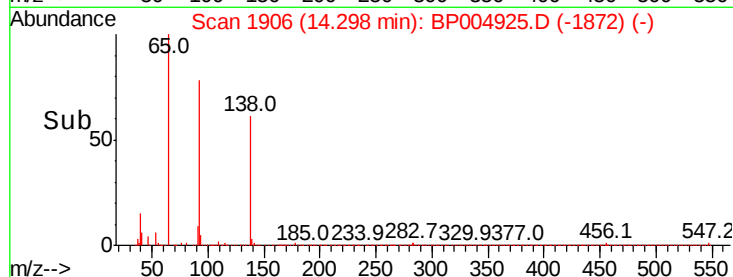
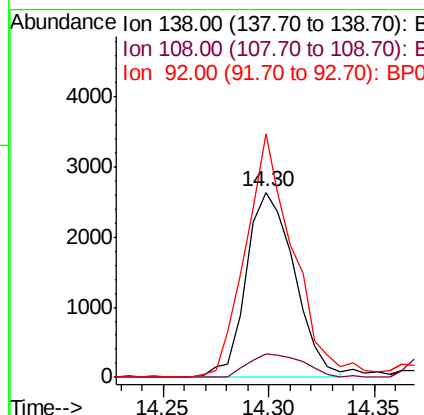
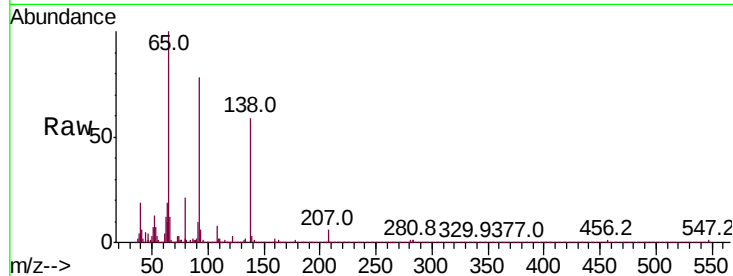
#49
3-Nitroaniline
Concen: 3.892 ng/ul
RT: 14.30 min Scan# 1906
Delta R.T. -0.00 min
Lab File: BP004925.D
Acq: 05 Mar 2021 20:06

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

Tot Ion	Ratio	Lower	Upper
138	100		
108	16.4	10.0	15.0#
92	131.7	98.3	147.5

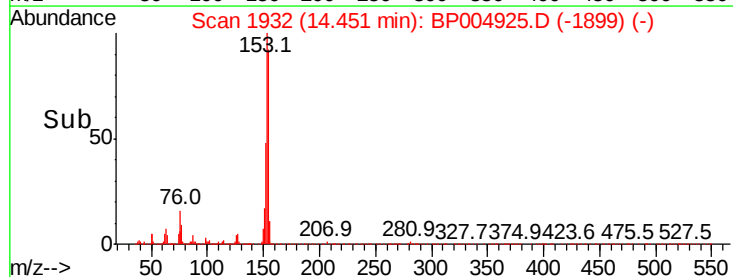
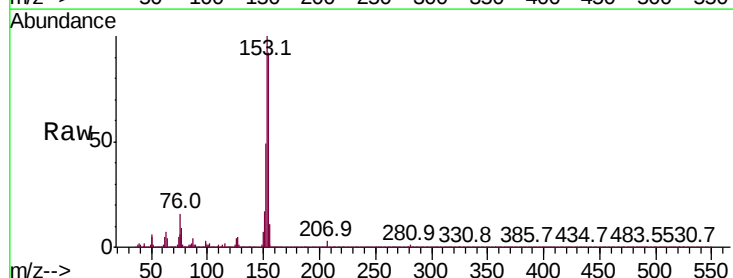
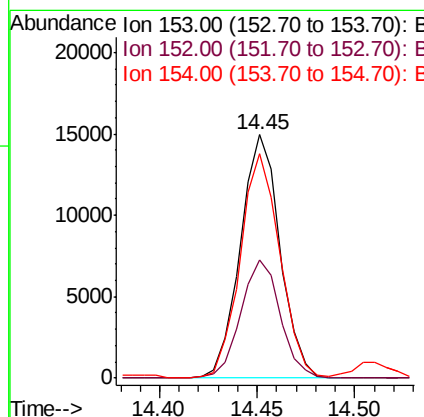
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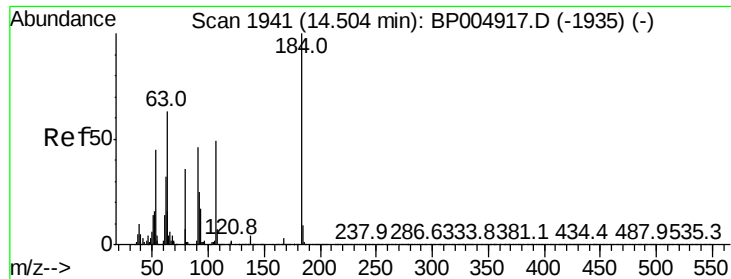
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#50
Acenaphthene
Concen: 4.161 ng/ul
RT: 14.45 min Scan# 1932
Delta R.T. -0.01 min
Lab File: BP004925.D
Acq: 05 Mar 2021 20:06

Tgt Ion	Ratio	Lower	Upper
153	100		
152	48.6	37.1	55.7
154	92.0	69.8	104.8





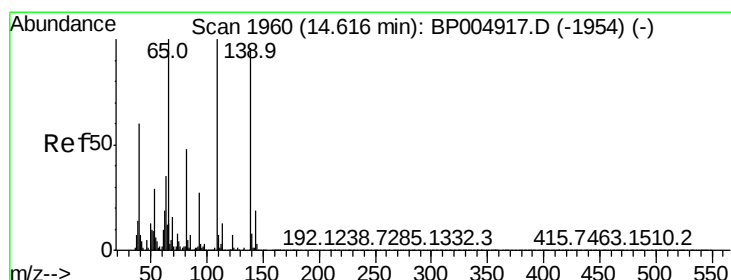
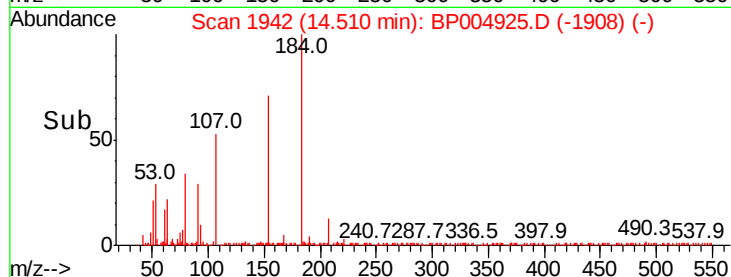
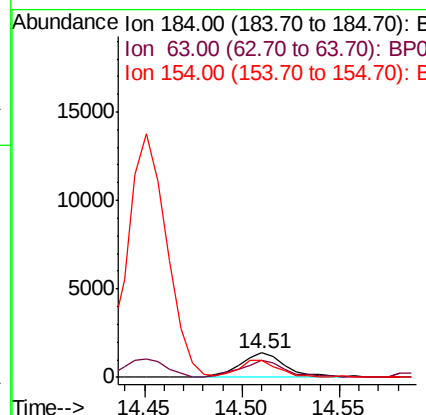
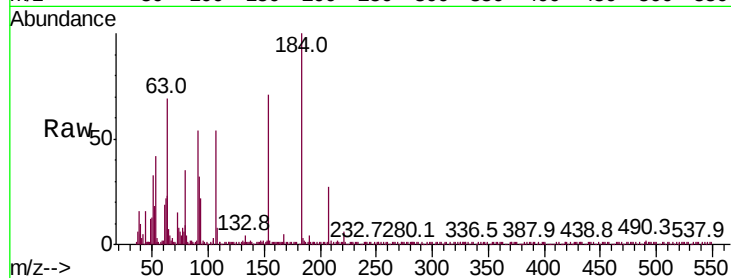
#51
2,4-Dinitrophenol
Concen: 2.716 ng/ul
RT: 14.51 min Scan# 1942
Delta R.T. -0.00 min
Lab File: BP004925.D
Acq: 05 Mar 2021 20:06

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

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	68.5	57.0	85.4	
154	70.8	52.2	78.2	

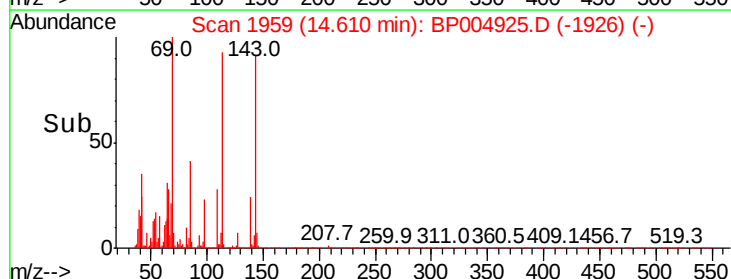
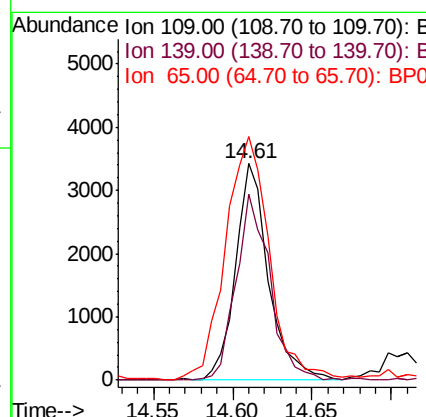
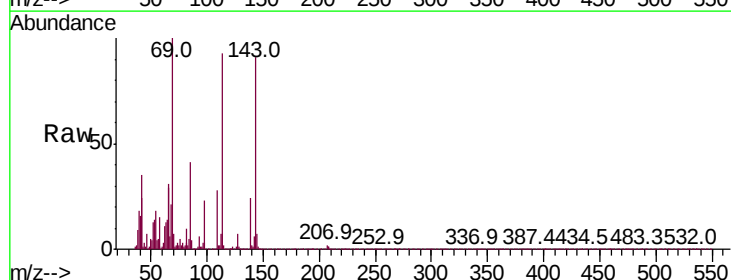
Manual Integrations
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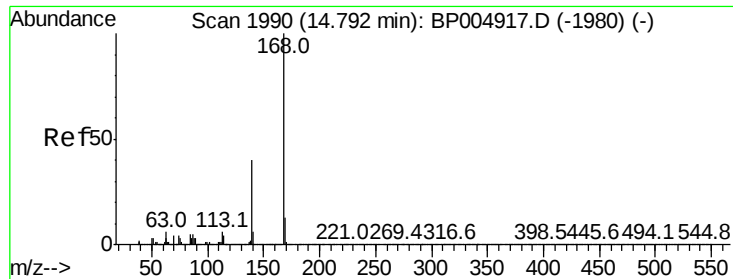
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#53
4-Nitrophenol
Concen: 4.544 ng/ul
RT: 14.61 min Scan# 1959
Delta R.T. -0.01 min
Lab File: BP004925.D
Acq: 05 Mar 2021 20:06

Tgt Ion	Ratio	Resp	Lower	Upper
109	100			
139	85.7	86.4	129.6	
65	112.4	92.2	138.2	





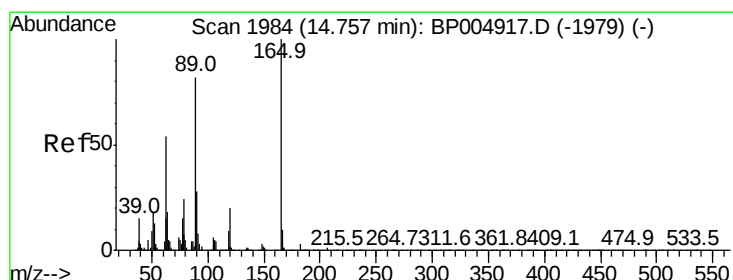
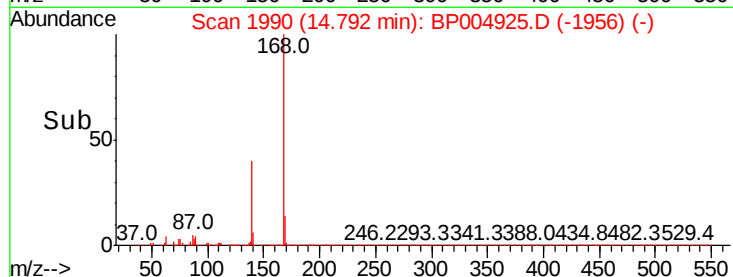
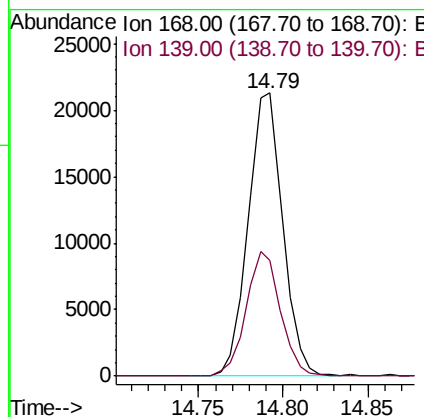
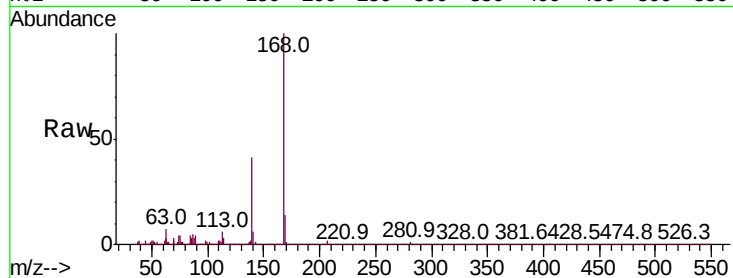
#54
Dibenzenofuran
Concen: 4.105 ng/ul
RT: 14.79 min Scan# 1990
Delta R.T. -0.00 min
Lab File: BP004925.D
Acq: 05 Mar 2021 20:06

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

Tot Ion:168 Resp: 30430
Ion Ratio Lower Upper
168 100
139 40.7 30.2 45.4

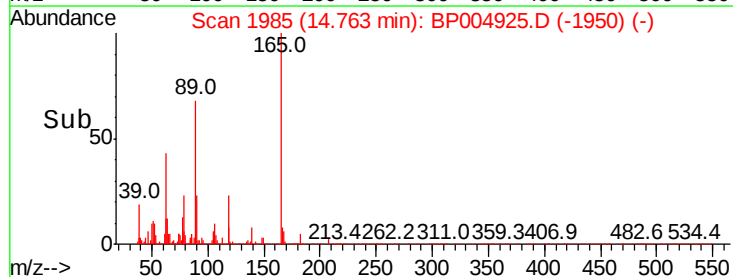
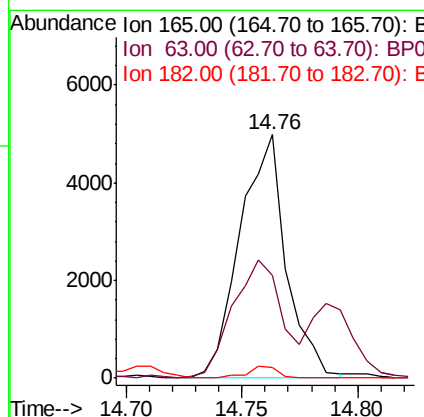
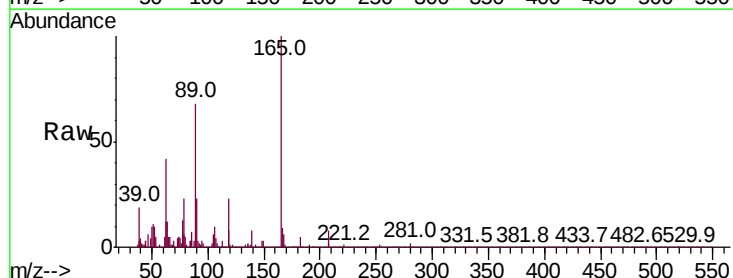
Manual Integrations
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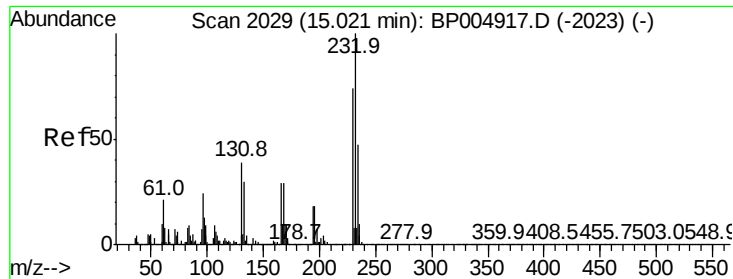
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#55
2,4-Dinitrotoluene
Concen: 3.898 ng/ul
RT: 14.76 min Scan# 1985
Delta R.T. 0.01 min
Lab File: BP004925.D
Acq: 05 Mar 2021 20:06

Tgt Ion:165 Resp: 6977
Ion Ratio Lower Upper
165 100
63 42.4 40.2 60.2
182 4.5 3.0 4.4#





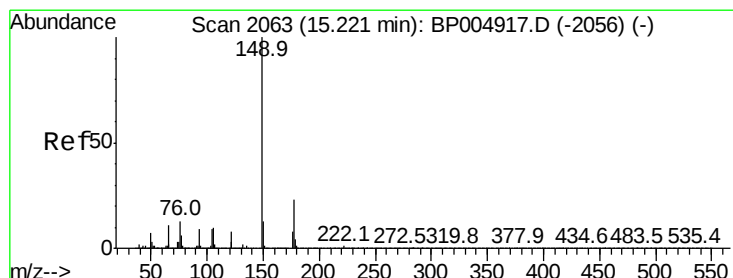
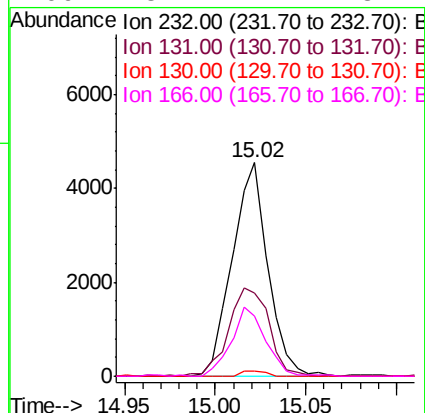
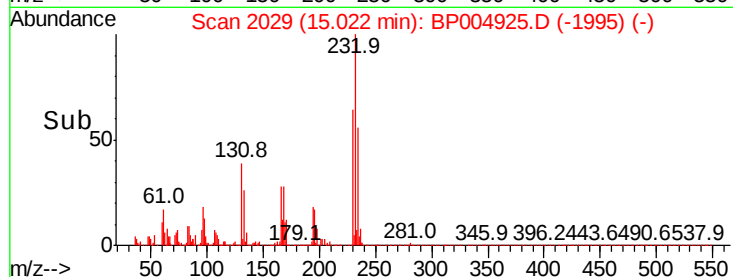
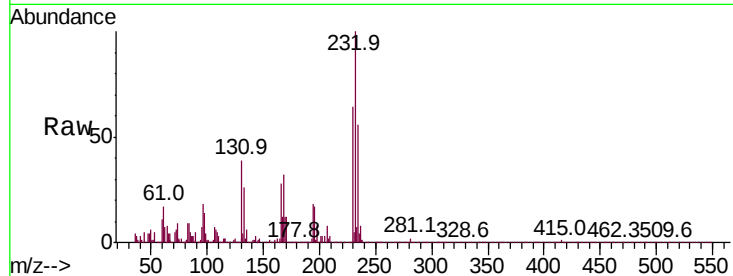
#56
2,3,4,6-Tetrachlorophenol
Concen: 3.608 ng/ul
RT: 15.02 min Scan# 2029
Delta R.T. -0.00 min
Lab File: BP004925.D
Acq: 05 Mar 2021 20:06

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

Tot Ion	Ratio	Lower	Upper
232	100		
131	42.3	31.7	47.5
130	2.5	1.8	2.8
166	28.2	21.4	32.2

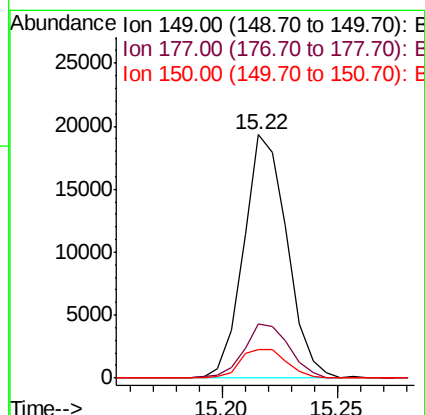
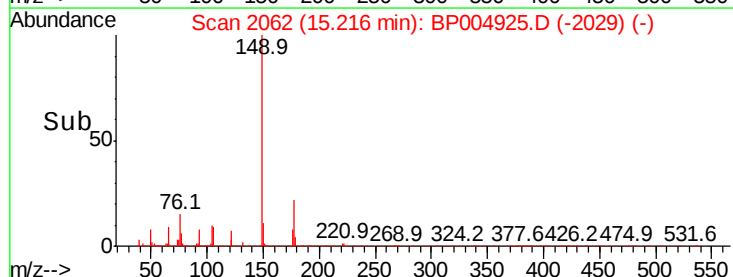
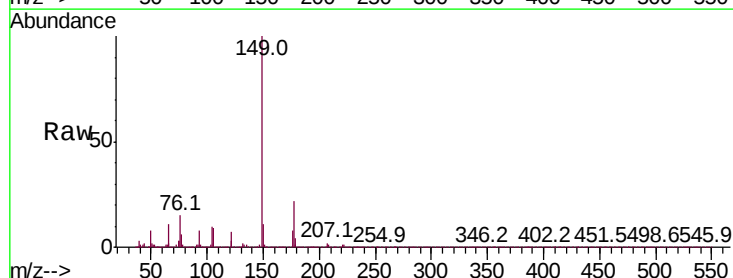
Manual Integrations
APPROVED

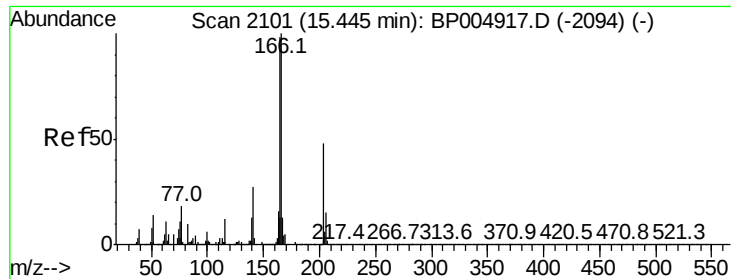
mohammad
3/8/2021 9:36:52 AM



#57
Diethylphthalate
Concen: 4.165 ng/ul
RT: 15.22 min Scan# 2062
Delta R.T. -0.01 min
Lab File: BP004925.D
Acq: 05 Mar 2021 20:06

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.2	19.1	28.7
150	11.5	11.0	16.6





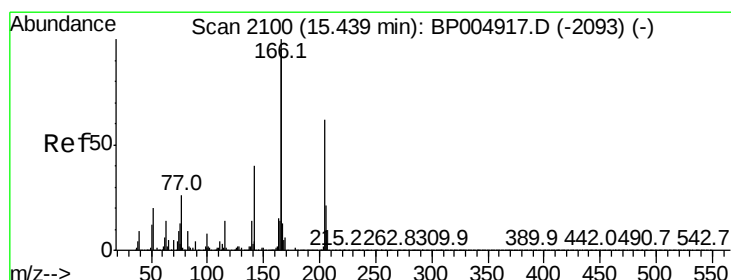
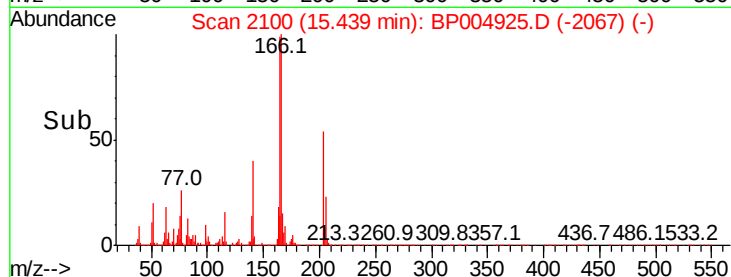
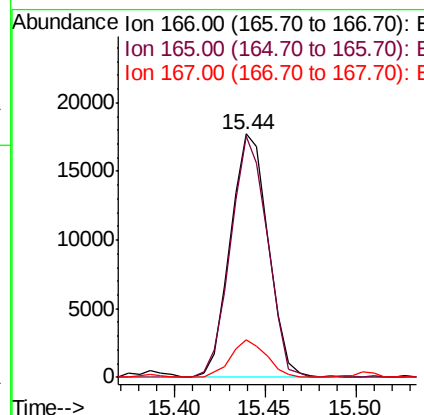
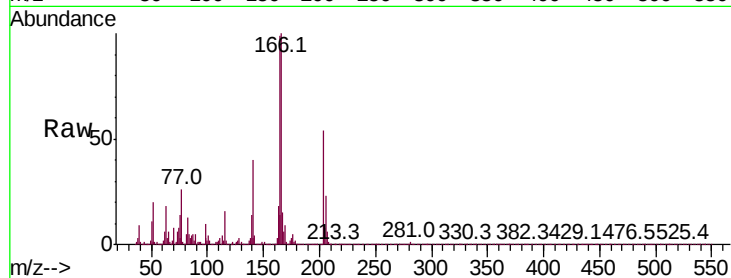
#59
Fluorene
Concen: 4.140 ng/ul
RT: 15.44 min Scan# 2100
Delta R.T. -0.01 min
Lab File: BP004925.D
Acq: 05 Mar 2021 20:06

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

Tot Ion	Ratio	Lower	Upper
166	100		
165	99.1	77.8	116.6
167	15.2	10.3	15.5

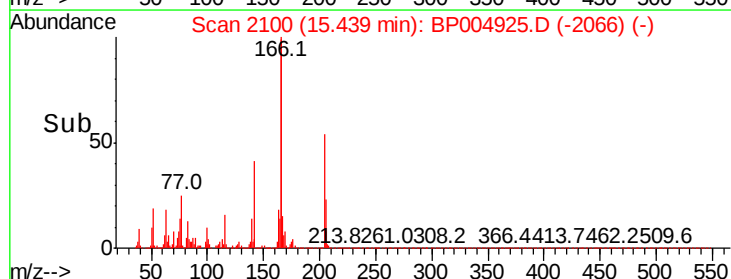
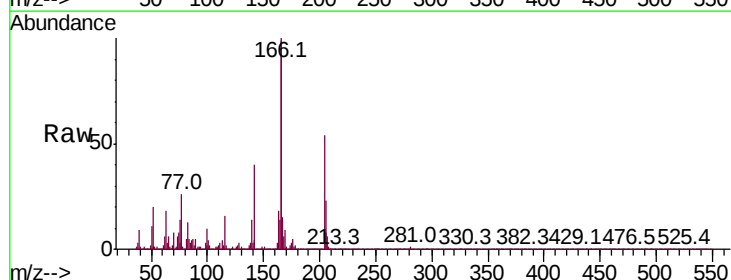
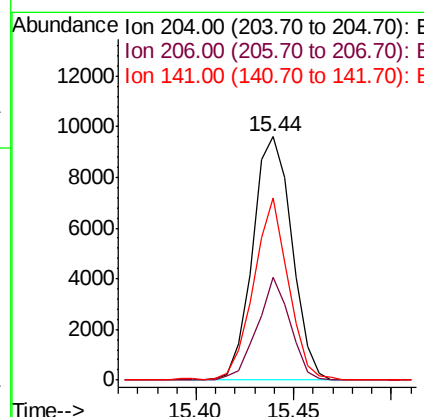
Manual Integrations
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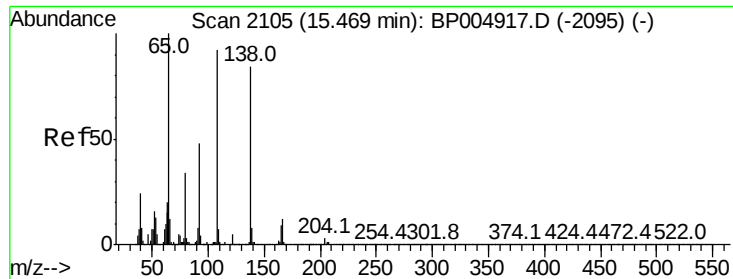
mohammad
3/8/2021 9:36:52 AM



#60
4-Chlorophenyl-phenylether
Concen: 3.880 ng/ul
RT: 15.44 min Scan# 2100
Delta R.T. -0.00 min
Lab File: BP004925.D
Acq: 05 Mar 2021 20:06

Tgt Ion	Ratio	Lower	Upper
204	100		
206	42.2	25.3	37.9#
141	74.7	47.0	70.6#





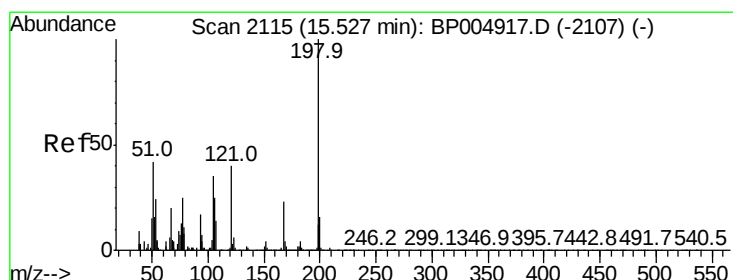
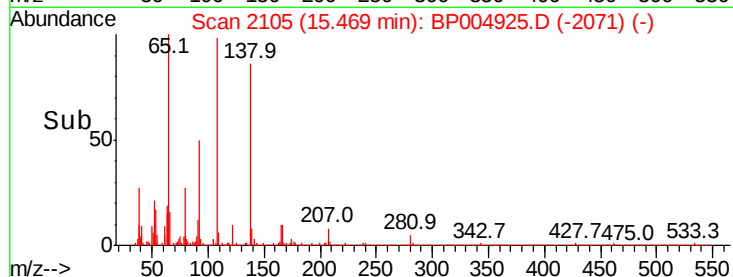
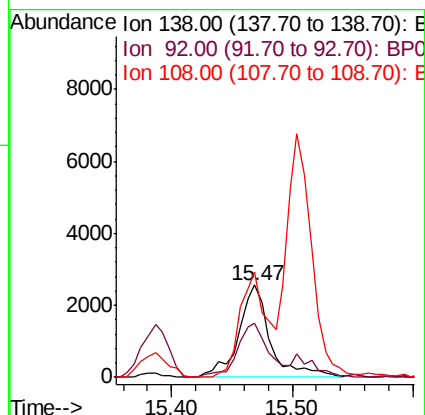
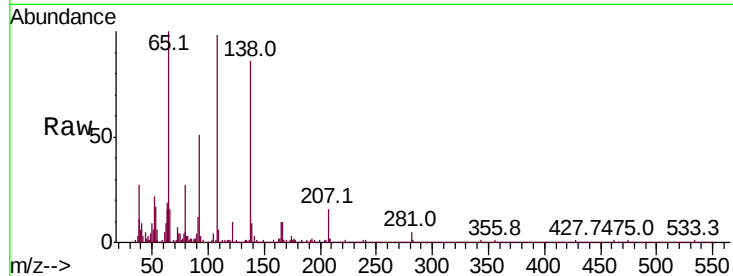
#61
4-Nitroaniline
Concen: 3.797 ng/ul
RT: 15.47 min Scan# 2105
Delta R.T. -0.00 min
Lab File: BP004925.D
Acq: 05 Mar 2021 20:06

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

Tot Ion	Ratio	Lower	Upper
138	100		
92	59.0	45.7	68.5
108	113.5	81.4	122.2

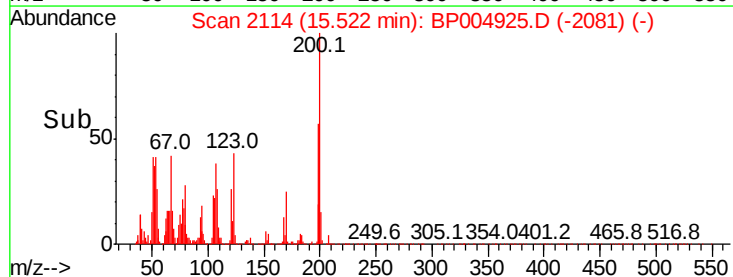
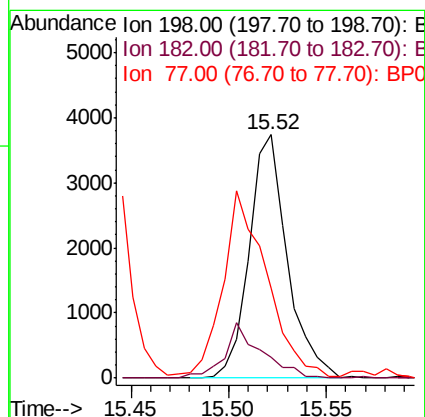
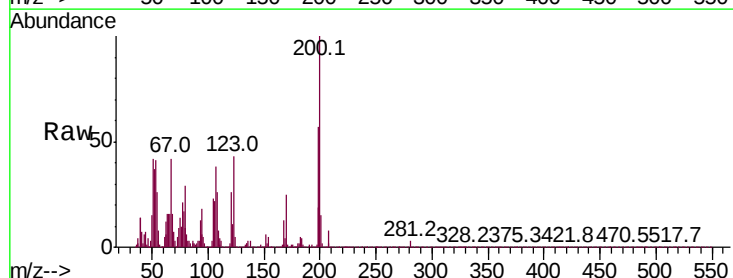
Manual Integrations
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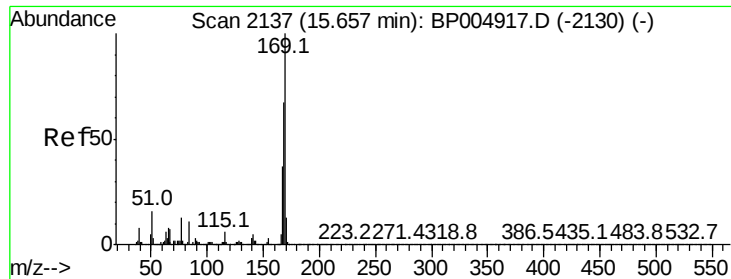
mohammad
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#64
4,6-Dinitro-2-methylphenol
Concen: 4.153 ng/ul
RT: 15.52 min Scan# 2114
Delta R.T. -0.01 min
Lab File: BP004925.D
Acq: 05 Mar 2021 20:06

Tgt Ion	Ratio	Lower	Upper
198	100		
182	8.4	3.0	4.6#
77	36.9	23.0	34.4#





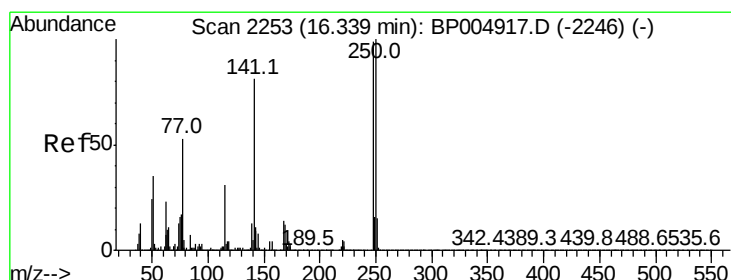
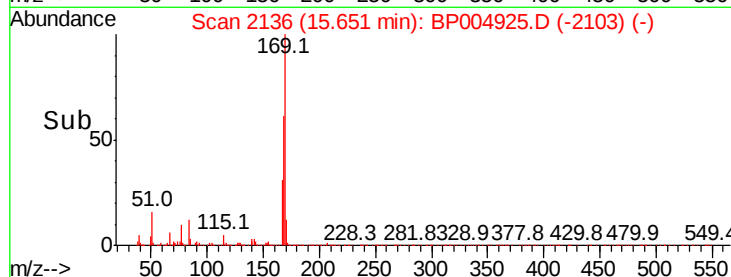
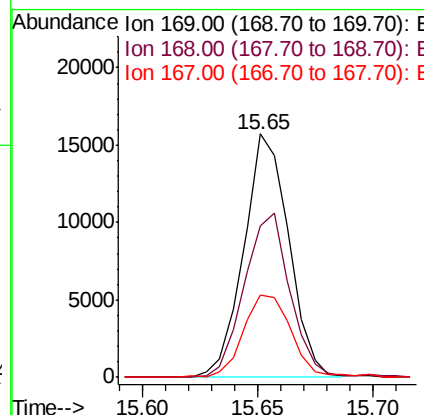
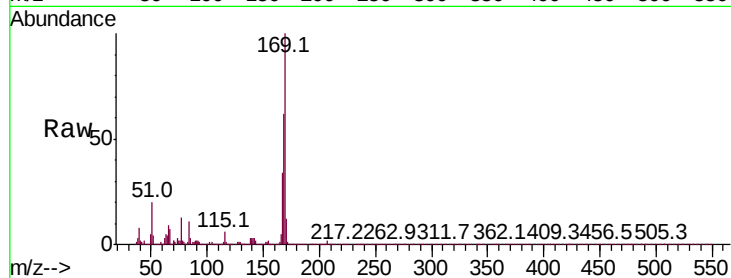
#65
N-Nitrosodiphenylamine
Concen: 4.092 ng/ul
RT: 15.65 min Scan# 2136
Delta R.T. -0.01 min
Lab File: BP004925.D
Acq: 05 Mar 2021 20:06

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

Tot Ion	Ratio	Lower	Upper
169	100		
168	62.0	52.8	79.2
167	33.9	27.8	41.6

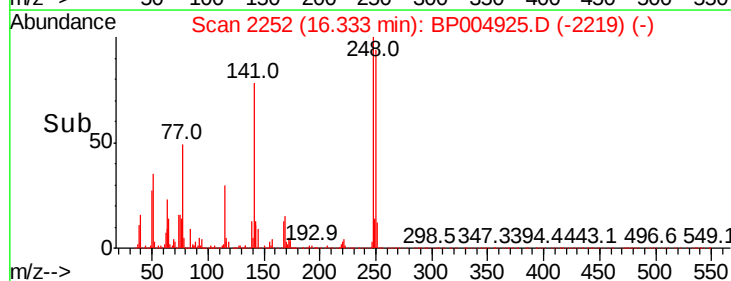
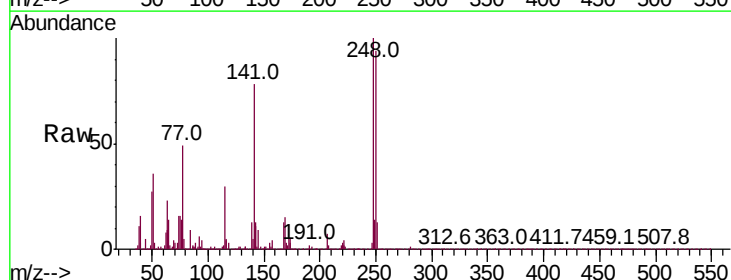
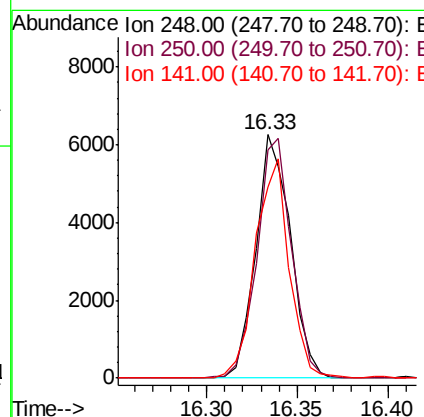
Manual Integrations
APPROVED

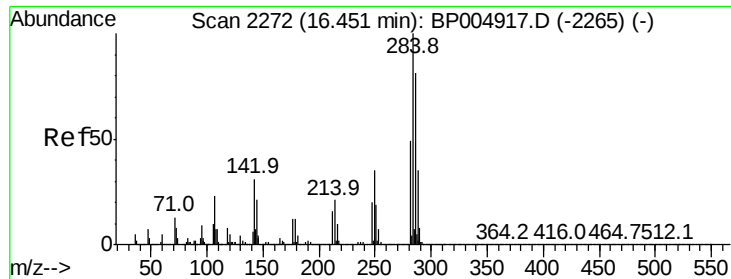
mohammad
3/8/2021 9:36:52 AM



#66
4-Bromophenyl-phenylether
Concen: 3.929 ng/ul
RT: 16.33 min Scan# 2252
Delta R.T. -0.01 min
Lab File: BP004925.D
Acq: 05 Mar 2021 20:06

Tgt Ion	Ratio	Lower	Upper
248	100		
250	93.8	82.2	123.2
141	78.4	57.7	86.5





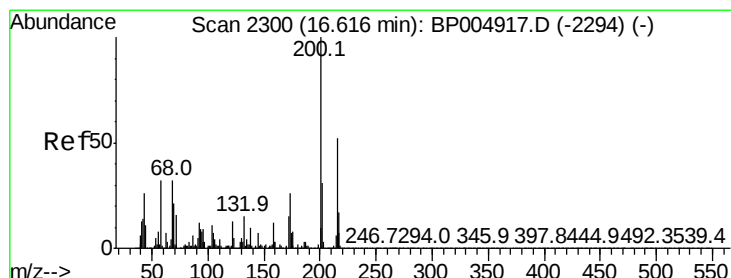
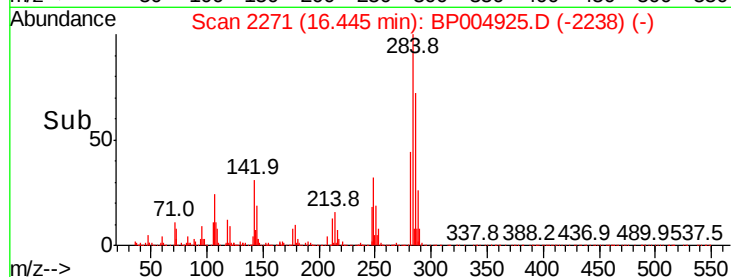
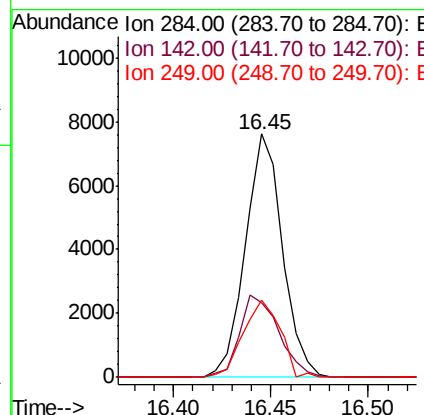
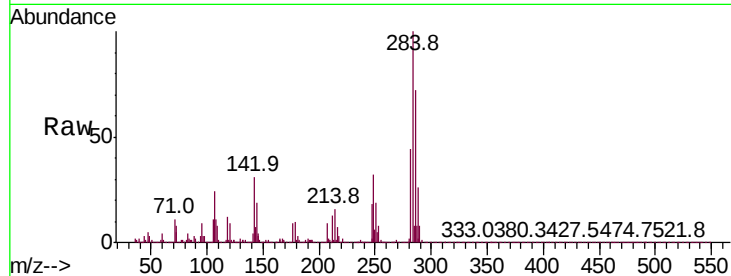
#67
Hexachlorobenzene
Concen: 4.149 ng/ul
RT: 16.45 min Scan# 2271
Delta R.T. -0.01 min
Lab File: BP004925.D
Acq: 05 Mar 2021 20:06

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

Tot Ion	Ratio	Resp	Lower	Upper
284	100	10041		
142	28.5	23.6	35.4	
249	29.5	26.2	39.2	

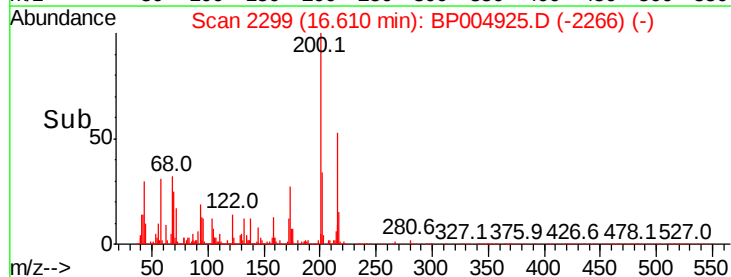
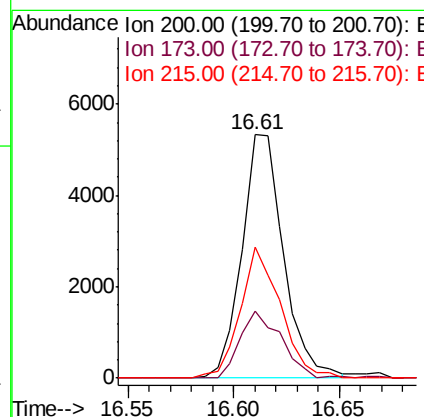
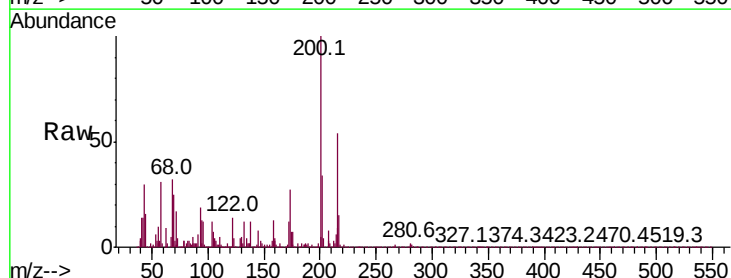
Manual Integrations
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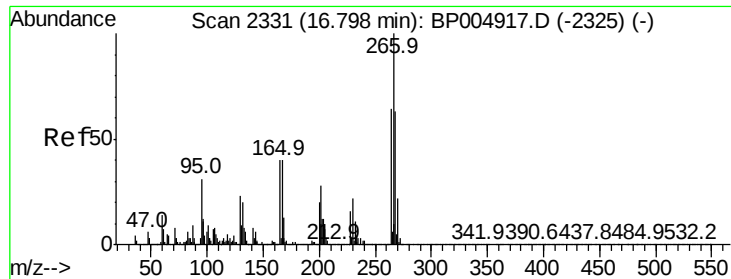
mohammad
3/8/2021 9:36:52 AM



#68
Atrazine
Concen: 3.439 ng/ul
RT: 16.61 min Scan# 2299
Delta R.T. -0.01 min
Lab File: BP004925.D
Acq: 05 Mar 2021 20:06

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	7303		
173	27.3	19.6	29.4	
215	53.5	41.0	61.6	





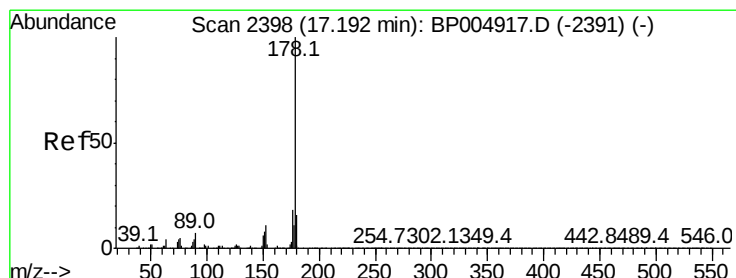
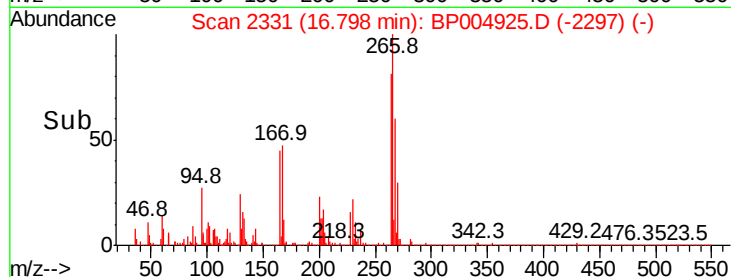
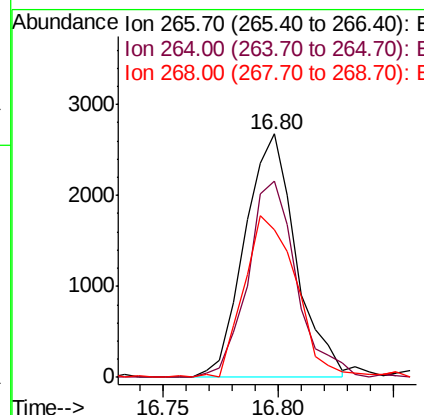
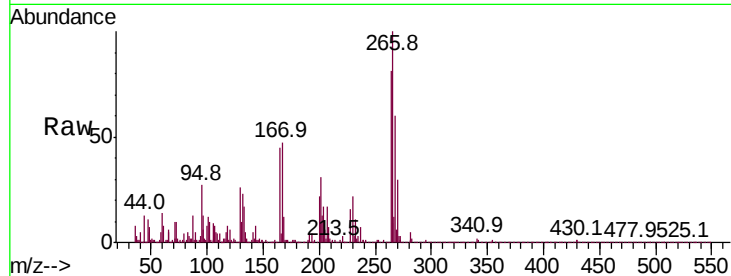
#69
 Pentachlorophenol
 Concen: 2.760 ng/ul
 RT: 16.80 min Scan# 2331
 Delta R.T. -0.00 min
 Lab File: BP004925.D
 Acq: 05 Mar 2021 20:06

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

Tot Ion	Ratio	Lower	Upper
266	100		
264	80.6	51.6	77.4#
268	60.5	56.6	85.0

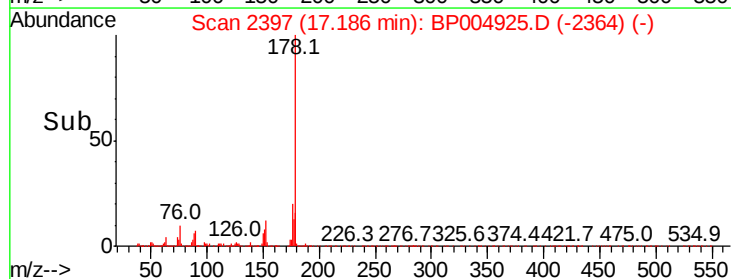
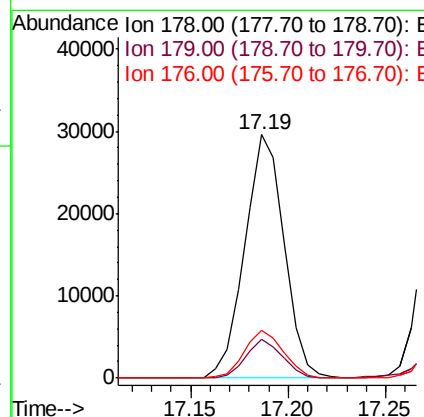
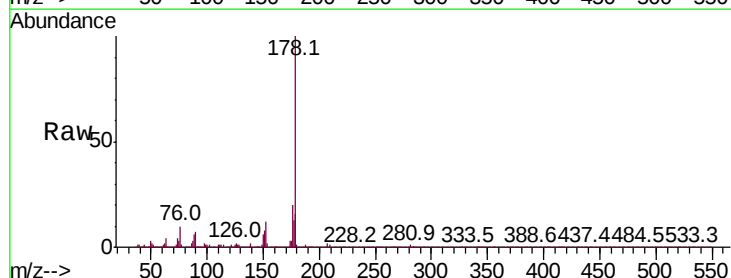
Manual Integrations
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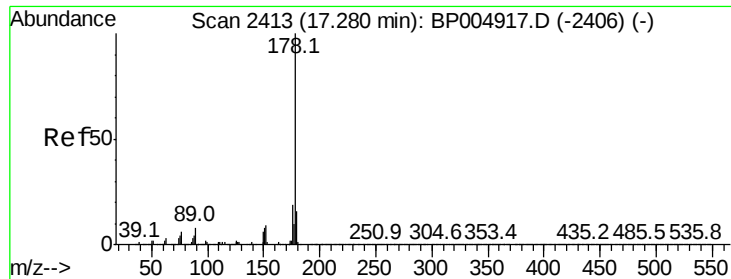
mohammad
 3/8/2021 9:36:52 AM



#70
 Phenanthrene
 Concen: 4.202 ng/ul
 RT: 17.19 min Scan# 2397
 Delta R.T. -0.01 min
 Lab File: BP004925.D
 Acq: 05 Mar 2021 20:06

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.2	12.1	18.1
176	19.6	15.0	22.6





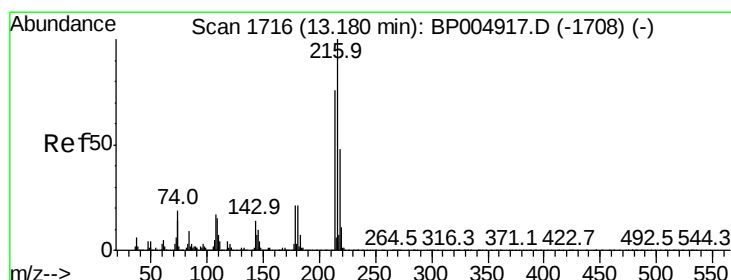
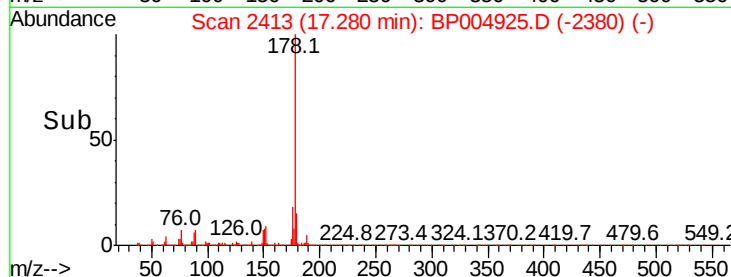
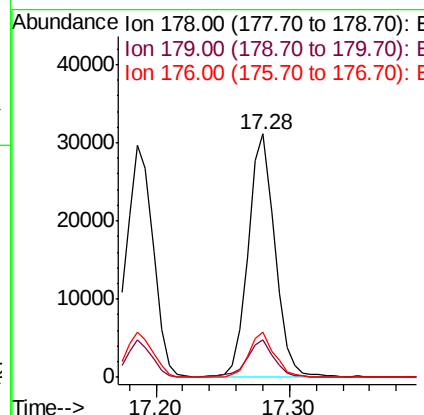
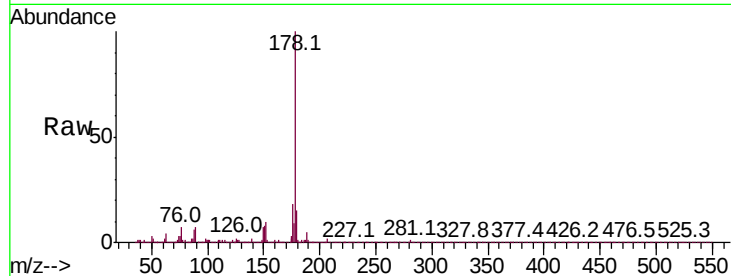
#72
 Anthracene
 Concen: 4.268 ng/ul
 RT: 17.28 min Scan# 2413
 Delta R.T. -0.01 min
 Lab File: BP004925.D
 Acq: 05 Mar 2021 20:06

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

Tot Ion:178	Resp:	42714
Ion Ratio	Lower	Upper
178	100	
179	15.3	11.8 17.8
176	18.3	14.5 21.7

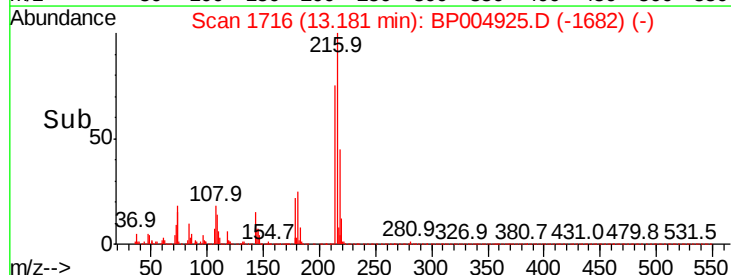
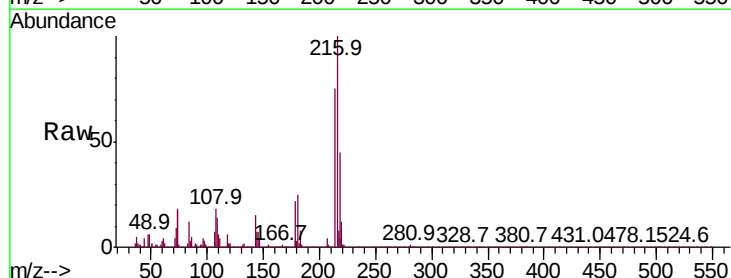
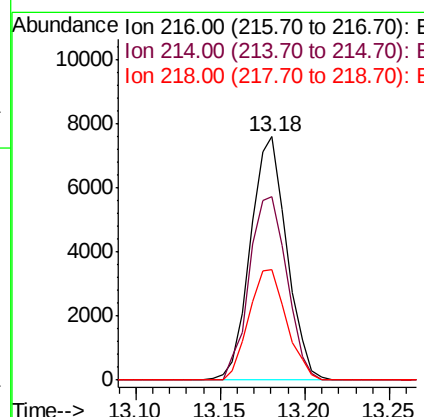
Manual Integrations
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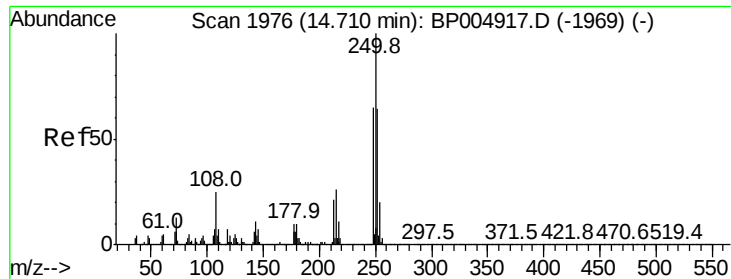
mohammad
 3/8/2021 9:36:52 AM



#73
 1,2,3,4-Tetrachlorobenzene
 Concen: 4.055 ng/uL
 RT: 13.18 min Scan# 1716
 Delta R.T. -0.00 min
 Lab File: BP004925.D
 Acq: 05 Mar 2021 20:06

Tgt Ion:216	Resp:	11444
Ion Ratio	Lower	Upper
216	100	
214	75.2	62.2 93.2
218	45.5	40.5 60.7





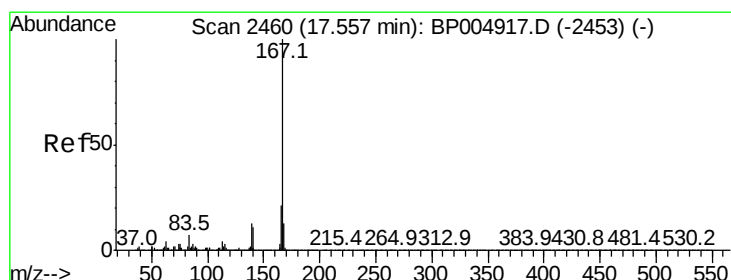
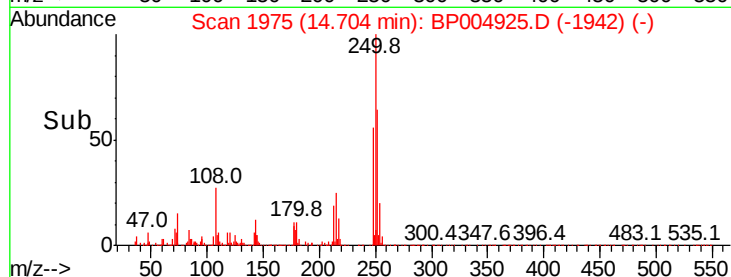
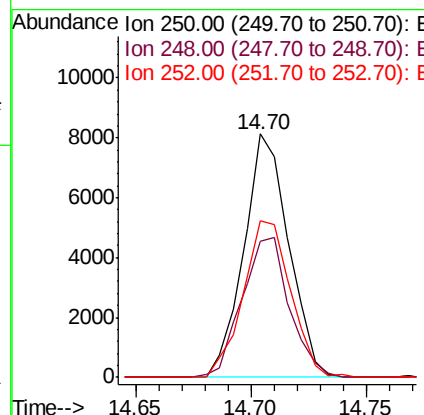
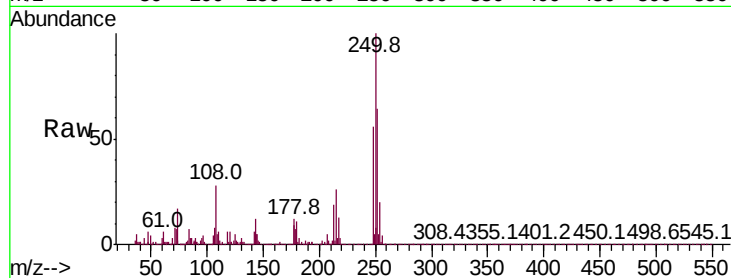
#74
Pentachlorobenzene
Concen: 3.869 ng/uL
RT: 14.70 min Scan# 1975
Delta R.T. -0.01 min
Lab File: BP004925.D
Acq: 05 Mar 2021 20:06

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

Tot Ion	Ratio	Lower	Upper
250	100		
248	60.9	50.4	75.6
252	69.4	53.3	79.9

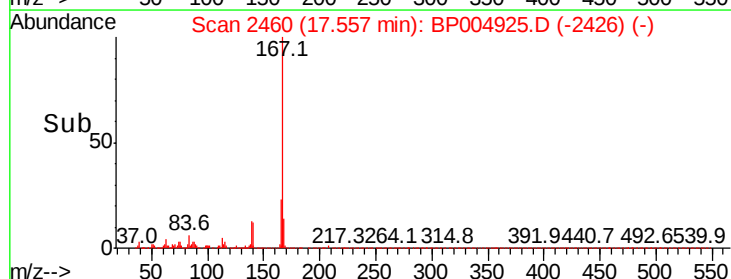
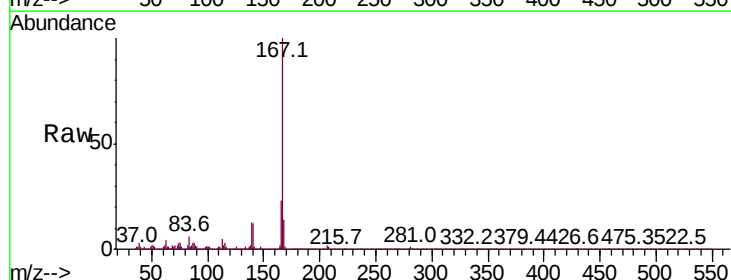
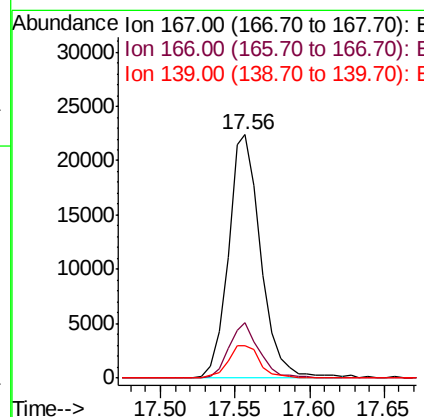
Manual Integrations
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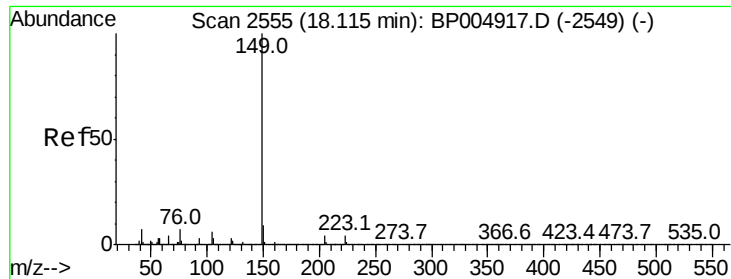
mohammad
3/8/2021 9:36:52 AM



#75
Carbazole
Concen: 3.915 ng/uL
RT: 17.56 min Scan# 2460
Delta R.T. -0.00 min
Lab File: BP004925.D
Acq: 05 Mar 2021 20:06

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.6	16.5	24.7
139	13.3	10.1	15.1





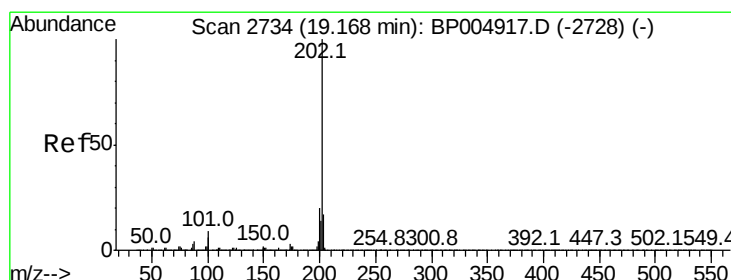
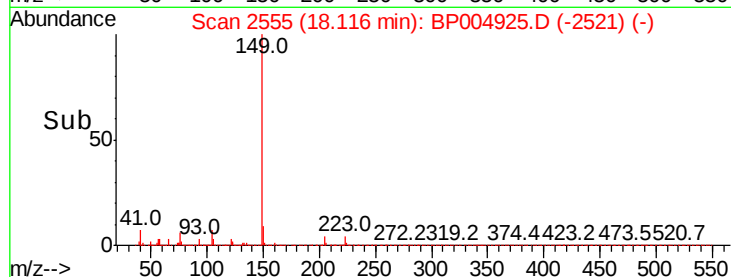
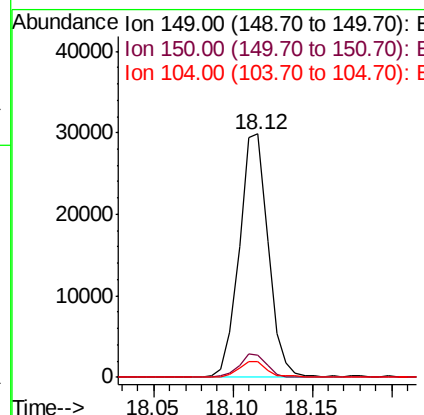
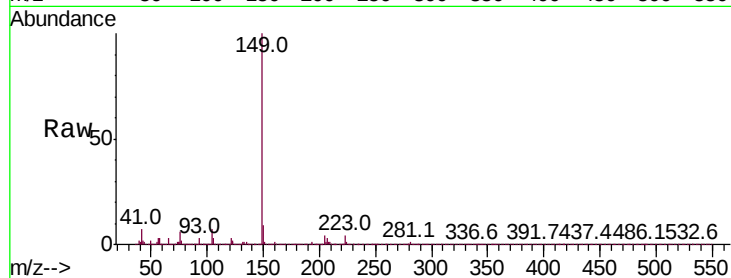
#76
Di-n-butylphthalate
Concen: 3.821 ng/ul
RT: 18.12 min Scan# 2555
Delta R.T. -0.00 min
Lab File: BP004925.D
Acq: 05 Mar 2021 20:06

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

Tot Ion	Ratio	Resp Lower	Upper
149	100		
150	9.1	7.4	11.2
104	6.7	4.8	7.2

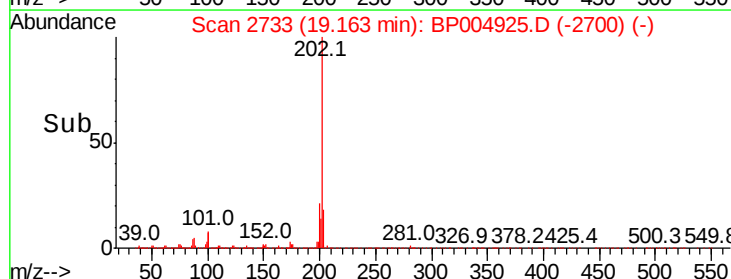
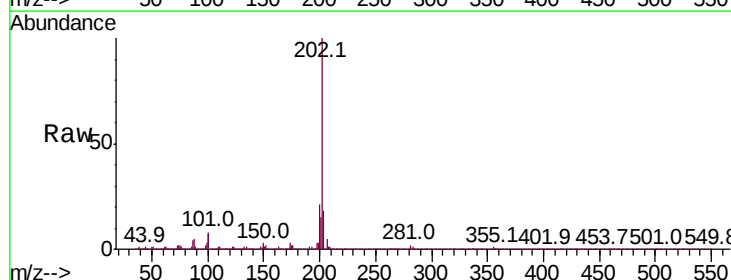
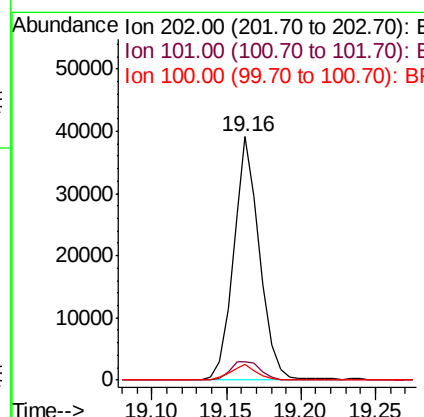
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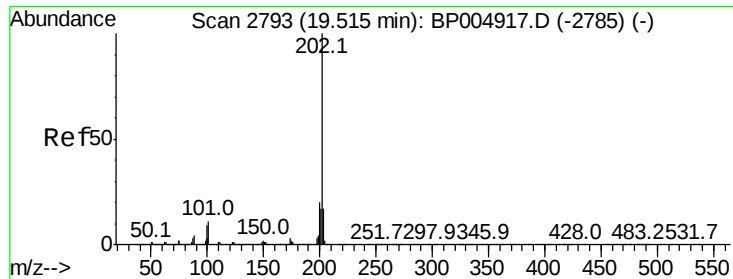
mohammad
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#77
Fluoranthene
Concen: 3.940 ng/ul
RT: 19.16 min Scan# 2733
Delta R.T. -0.01 min
Lab File: BP004925.D
Acq: 05 Mar 2021 20:06

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	7.8	6.5	9.7
100	6.6	5.3	7.9





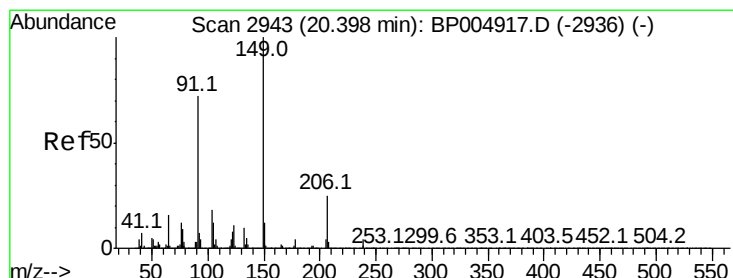
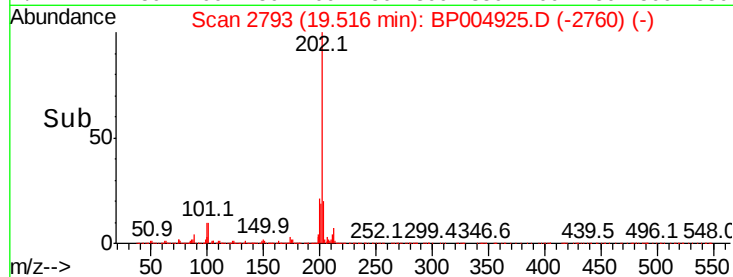
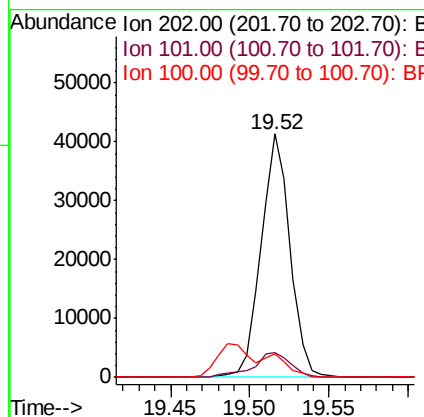
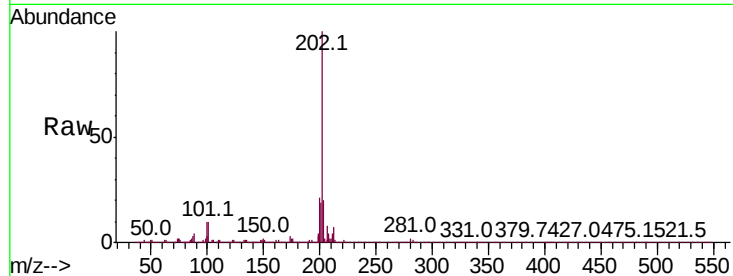
#80
Pvrene
Concen: 4.362 ng/ul
RT: 19.52 min Scan# 2793
Delta R.T. -0.01 min
Lab File: BP004925.D
Acq: 05 Mar 2021 20:06

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

Tot Ion:	202	Resp:	52699
Ion Ratio	Lower	Upper	
202	100		
101	10.3	7.8	11.6
100	9.7	6.5	9.7#

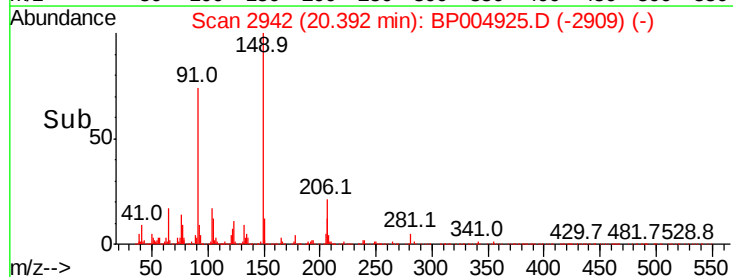
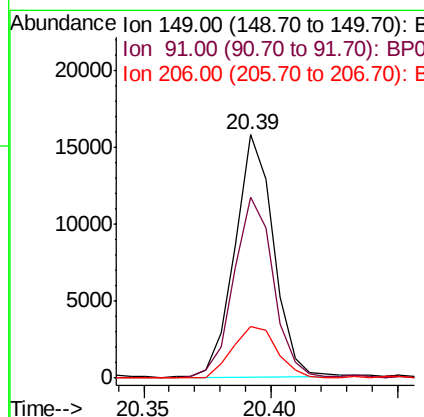
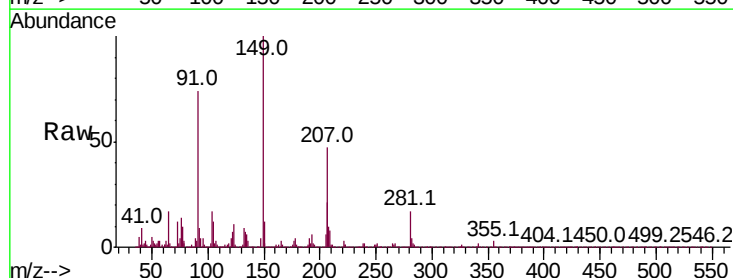
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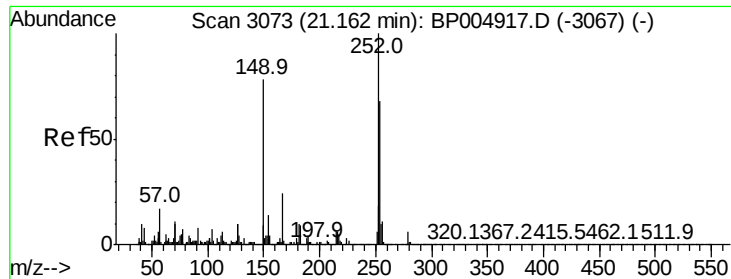
mohammad
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#81
Butylbenzylphthalate
Concen: 3.937 ng/ul
RT: 20.39 min Scan# 2942
Delta R.T. -0.01 min
Lab File: BP004925.D
Acq: 05 Mar 2021 20:06

Tgt Ion:	149	Resp:	16753
Ion Ratio	Lower	Upper	
149	100		
91	74.1	57.6	86.4
206	21.0	20.8	31.2





#82

3,3'-Dichlorobenzidine

Concen: 3.708 ng/ul

RT: 21.16 min Scan# 3073

Delta R.T. -0.00 min

Lab File: BP004925.D

Acq: 05 Mar 2021 20:06

Instrument :

BNA_P

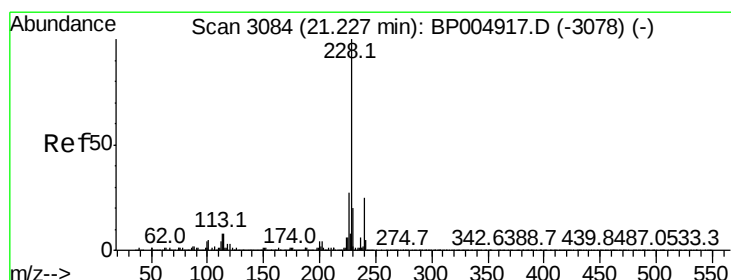
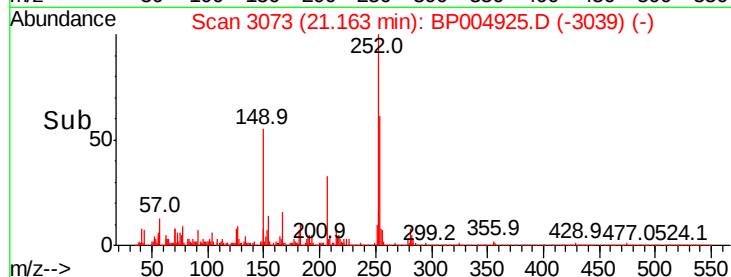
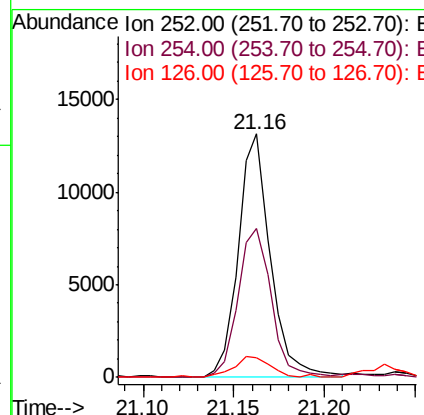
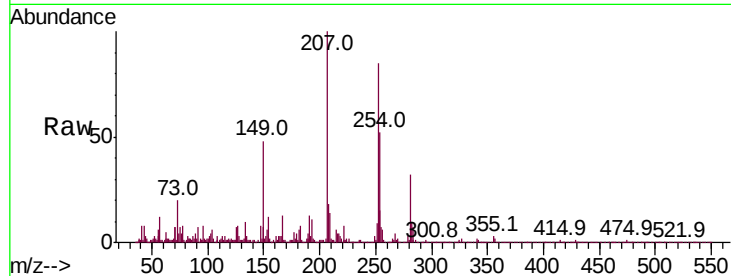
ClientSampleId :

MDL-ME-SOIL-04

Tot Ion:	252	Resp:	16077
Ion Ratio	Lower	Upper	
252	100		
254	61.2	52.5	78.7
126	8.2	6.6	10.0

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#83

Benzo(a)anthracene

Concen: 4.167 ng/ul

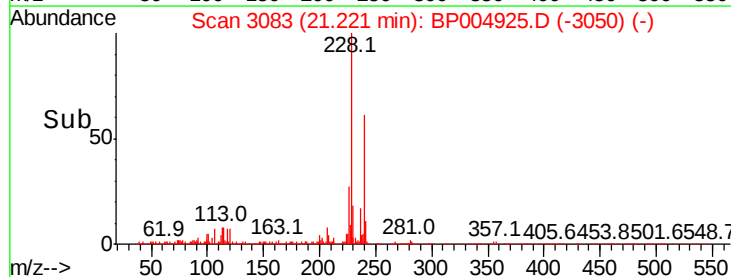
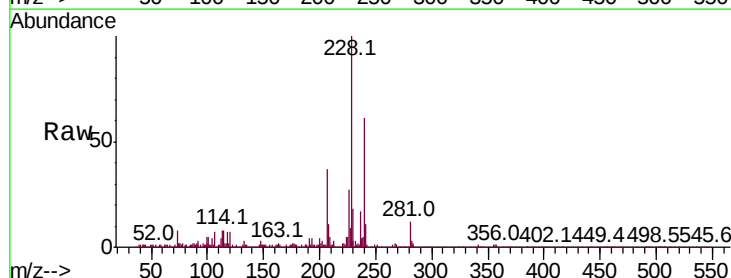
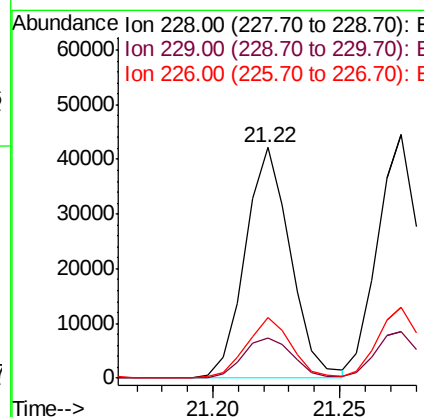
RT: 21.22 min Scan# 3083

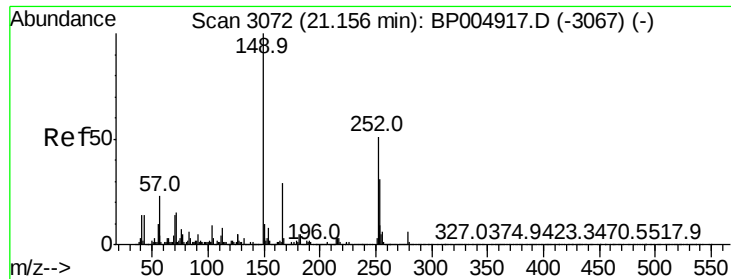
Delta R.T. -0.01 min

Lab File: BP004925.D

Acq: 05 Mar 2021 20:06

Tgt Ion:	228	Resp:	52313
Ion Ratio	Lower	Upper	
228	100		
229	17.7	16.3	24.5
226	26.5	20.6	30.8





#84

Bis(2-ethylhexyl)phthalate

Concen: 3.803 ng/ul

RT: 21.15 min Scan# 3071

Delta R.T. -0.01 min

Lab File: BP004925.D

Acq: 05 Mar 2021 20:06

Instrument :

BNA_P

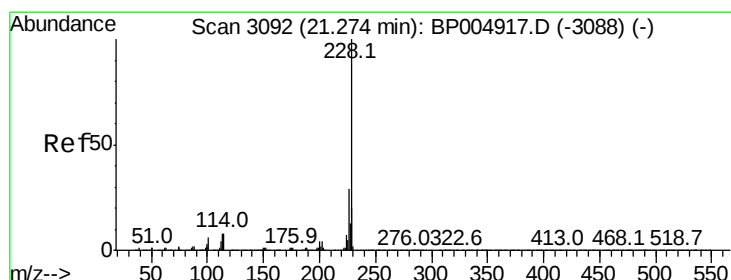
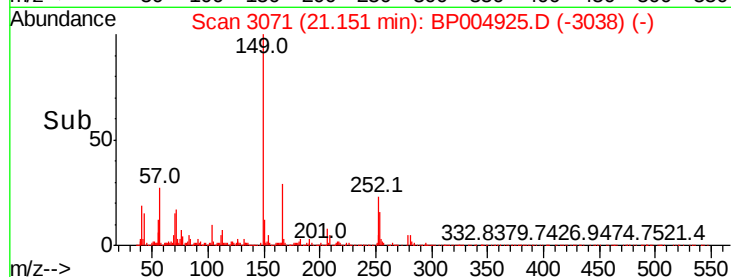
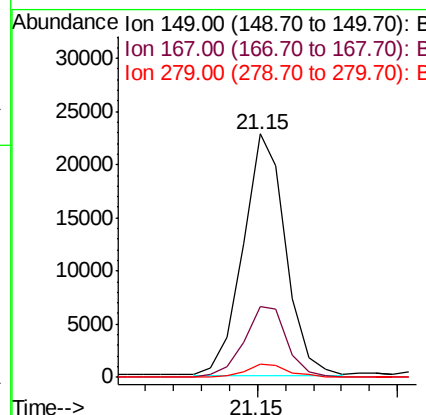
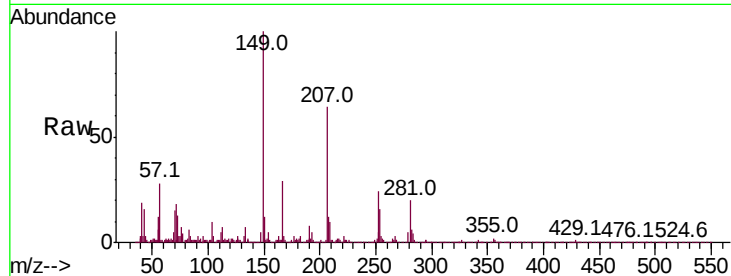
ClientSampleId :

MDL-ME-SOIL-04

Tot Ion:	149	Resp:	24202
Ion Ratio	Lower	Upper	
149	100		
167	29.0	24.6	37.0
279	5.3	5.4	8.2#

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#85

Chrysene

Concen: 4.231 ng/ul

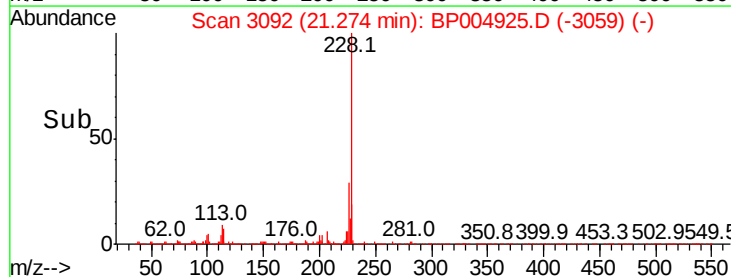
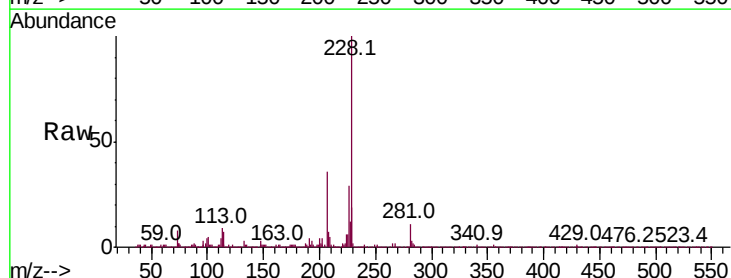
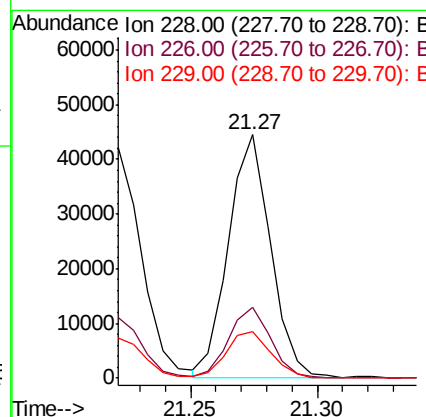
RT: 21.27 min Scan# 3092

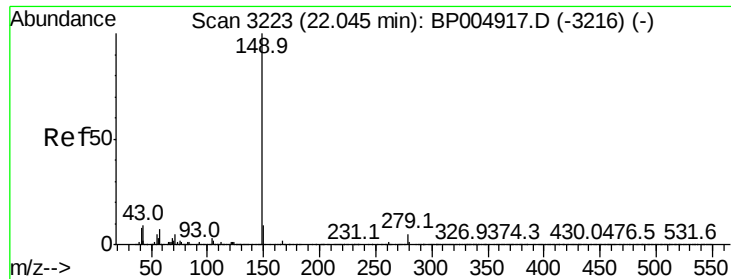
Delta R.T. -0.01 min

Lab File: BP004925.D

Acq: 05 Mar 2021 20:06

Tgt Ion:	228	Resp:	51678
Ion Ratio	Lower	Upper	
228	100		
226	29.1	23.7	35.5
229	19.1	16.0	24.0





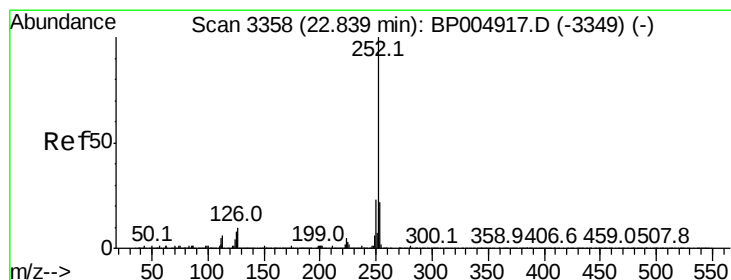
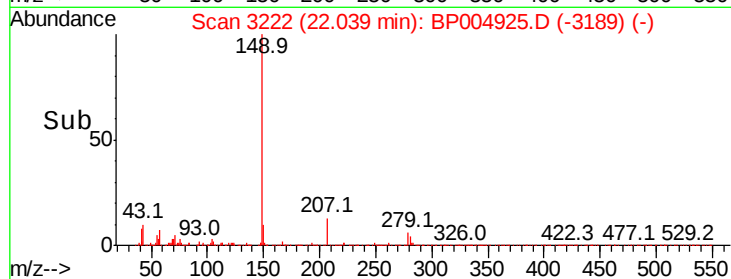
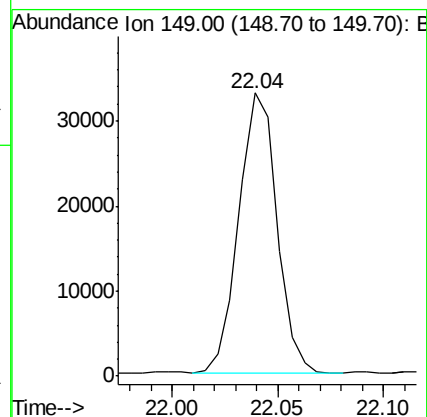
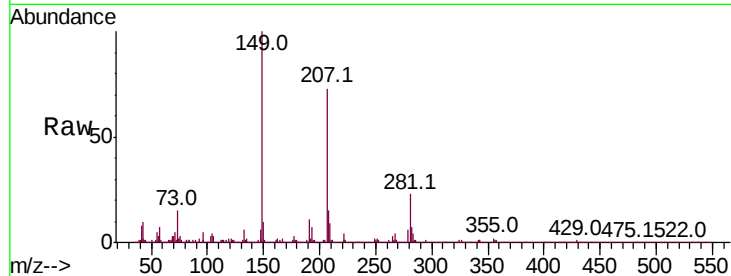
#87
Di-n-octyl phthalate
Concen: 3.599 ng/uL
RT: 22.04 min Scan# 3222
Delta R.T. -0.01 min
Lab File: BP004925.D
Acq: 05 Mar 2021 20:06

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

Tgt Ion:149 Resp: 41346

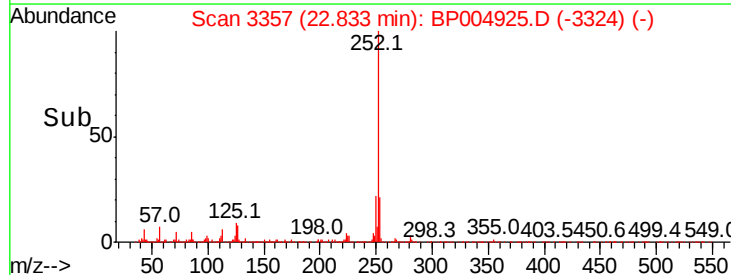
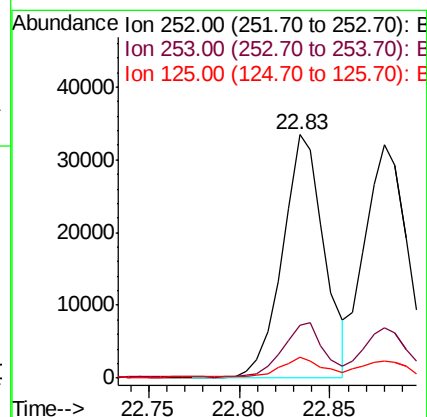
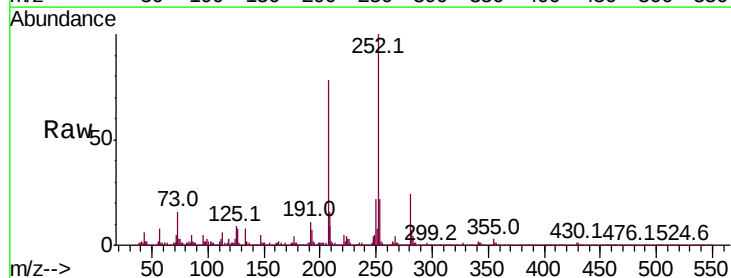
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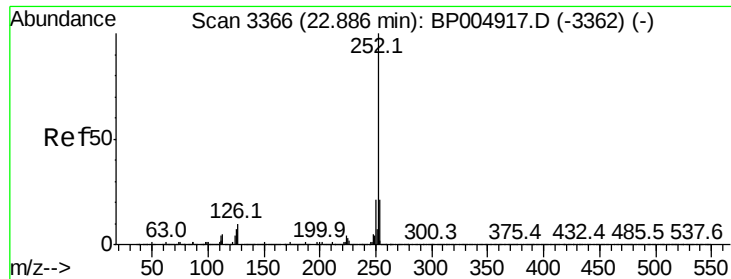
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#88
Benzo(b)fluoranthene
Concen: 4.241 ng/uL
RT: 22.83 min Scan# 3357
Delta R.T. -0.01 min
Lab File: BP004925.D
Acq: 05 Mar 2021 20:06

Tgt Ion:252 Resp: 53710
Ion Ratio Lower Upper
252 100
253 21.8 17.1 25.7
125 8.7 5.8 8.8





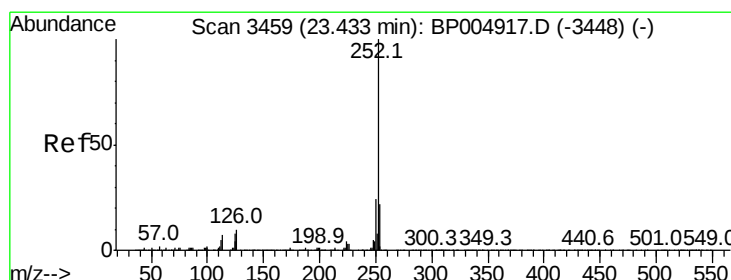
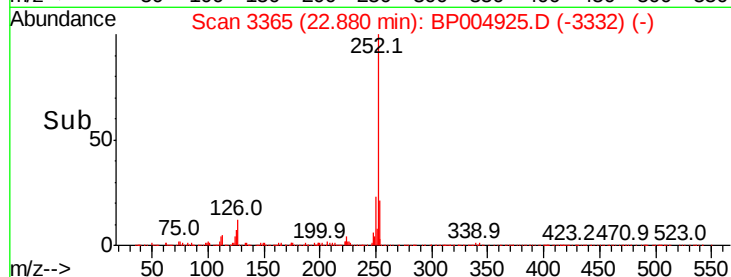
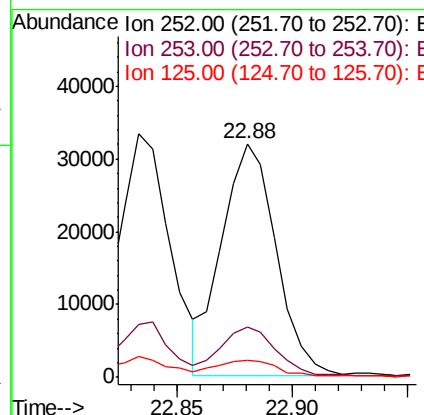
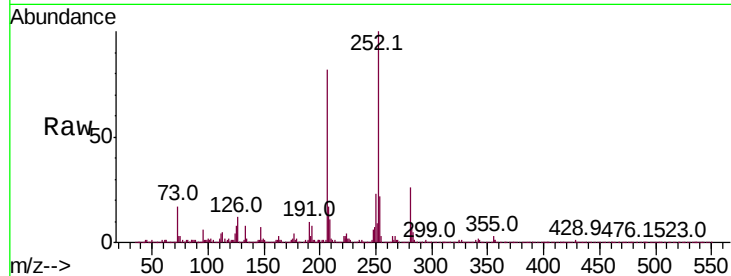
#89
Benzo(k)fluoranthene
Concen: 4.162 ng/ul
RT: 22.88 min Scan# 3365
Delta R.T. -0.01 min
Lab File: BP004925.D
Acq: 05 Mar 2021 20:06

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

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.4	26.0
125	7.5	5.7	8.5

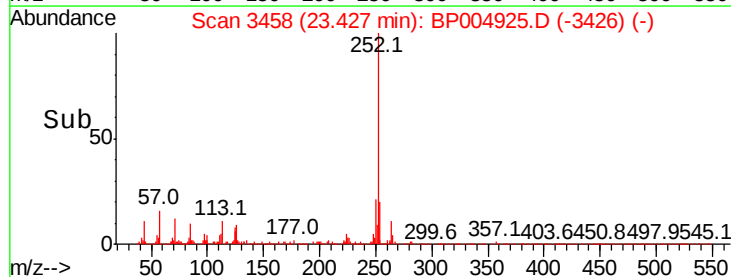
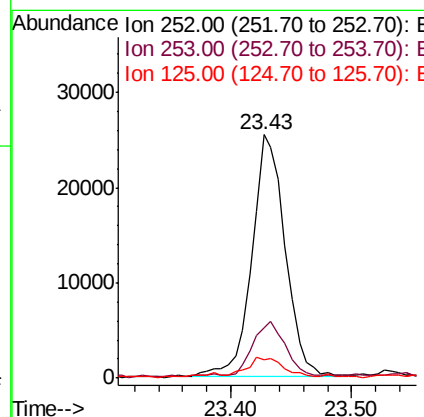
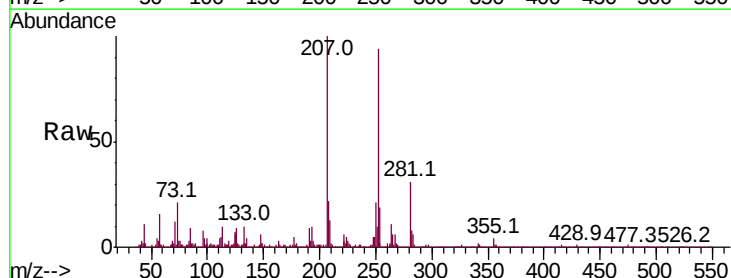
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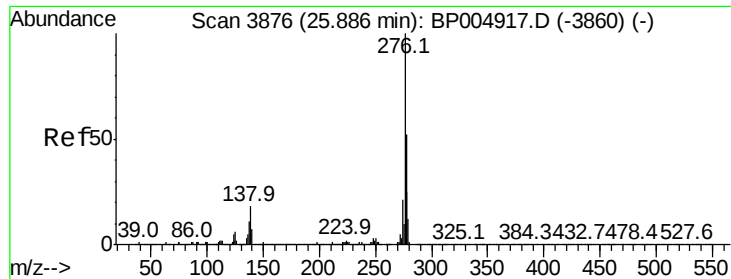
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#91
Benzo(a)pyrene
Concen: 4.364 ng/ul
RT: 23.43 min Scan# 3458
Delta R.T. -0.01 min
Lab File: BP004925.D
Acq: 05 Mar 2021 20:06

Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.6	17.6	26.4
125	7.8	6.0	9.0





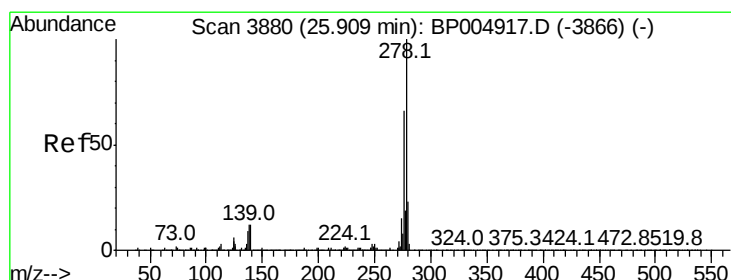
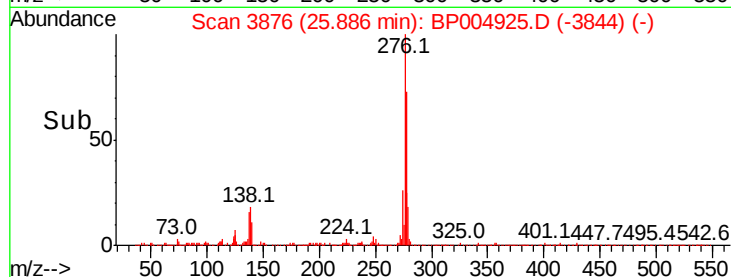
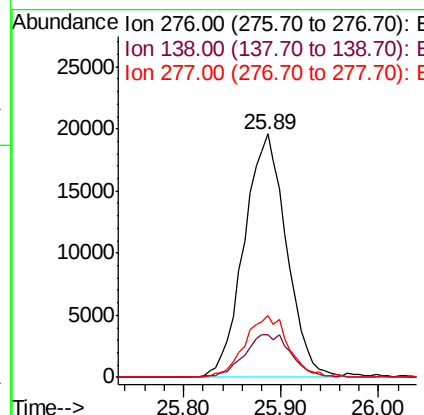
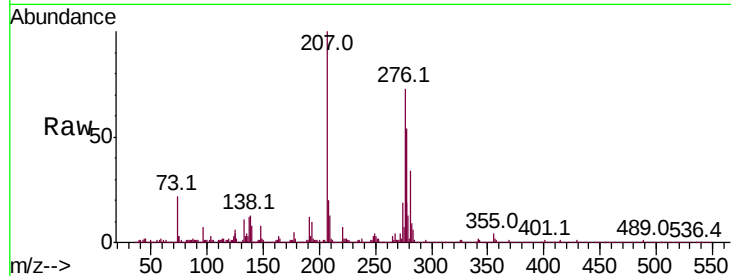
#92
 Indeno(1,2,3-cd)pyrene
 Concen: 4.101 ng/ul
 RT: 25.89 min Scan# 3876
 Delta R.T. -0.01 min
 Lab File: BP004925.D
 Acq: 05 Mar 2021 20:06

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

Tot Ion:	276	Resp:	59457
Ion Ratio	Lower	Upper	
276	100		
138	17.7	14.3	21.5
277	25.4	20.6	30.8

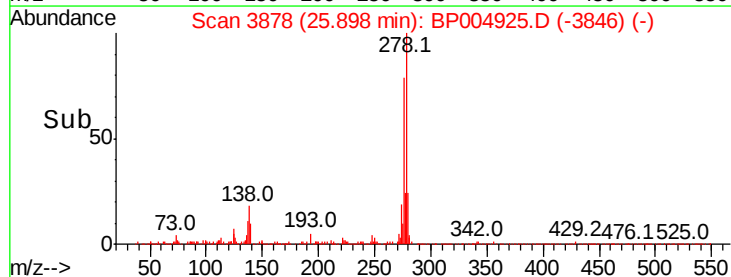
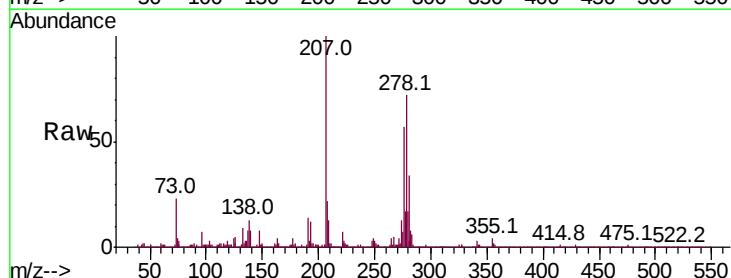
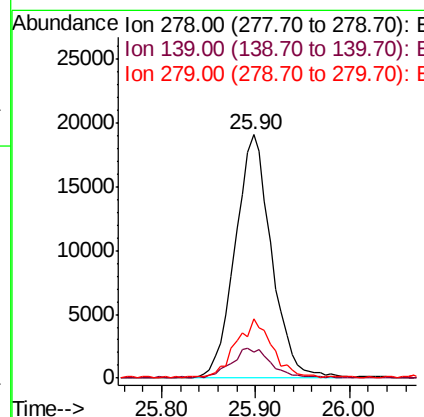
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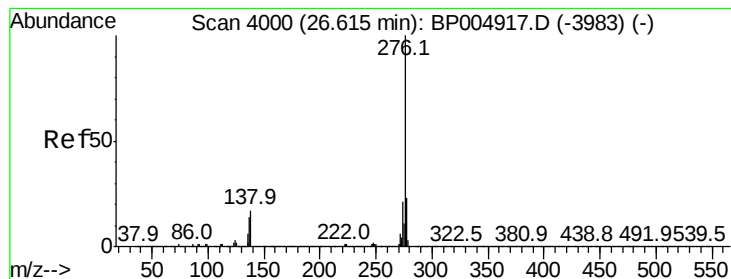
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#93
 Dibenzo(a,h)anthracene
 Concen: 4.121 ng/ul
 RT: 25.90 min Scan# 3878
 Delta R.T. -0.01 min
 Lab File: BP004925.D
 Acq: 05 Mar 2021 20:06

Tgt Ion:	278	Resp:	51053
Ion Ratio	Lower	Upper	
278	100		
139	10.6	9.3	13.9
279	24.1	18.9	28.3





#94

Benzo(a,h,i)perylene

Concen: 4.123 ng/ul

RT: 26.60 min Scan# 3997

Delta R.T. -0.02 min

Lab File: BP004925.D

Acq: 05 Mar 2021 20:06

Instrument :

BNA_P

ClientSampleId :

MDL-ME-SOIL-04

Tot Ion:	276	Resp:	49853
Ion Ratio	Lower	Upper	
276	100		
138	16.0	12.4	18.6
277	22.5	20.1	30.1

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