

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP030921\
 Data File : BP004956.D
 Acq On : 09 Mar 2021 23:14
 Operator : CG/JU
 Sample : M1534-20
 Misc : SOM-MDL-MES-06
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MDL-ME-SOIL-06

Manual Integrations
 APPROVED

mohammad
 3/10/2021 11:54:44 AM

Quant Time: Mar 10 01:36:21 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP030921MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Mar 09 23:59:32 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	26972	20.00	ng/ul	0.00
18) Naphthalene-d8	10.52	136	106239	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.38	164	74074	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.14	188	168806	20.00	ng/ul	0.00
78) Chrysene-d12	21.23	240	188893	20.00	ng/ul	0.00
86) Perylene-d12	23.52	264	197446	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.23	96	3637	5.04	ng/uL	0.00
5) Phenol-d5	6.90	99	72763	34.34	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.07	67	43343	38.51	ng/ul	0.00
9) 2-Chlorophenol-d4	7.26	132	59541	35.57	ng/ul	0.00
13) 4-Methylphenol-d8	8.44	113	58372	32.71	ng/ul	0.00
19) Nitrobenzene-d5	8.89	128	28304	36.18	ng/ul	0.00
22) 2-Nitrophenol-d4	9.61	143	32366	36.86	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.15	165	58236	34.48	ng/ul	0.00
29) 4-Chloroaniline-d4	10.66	131	75435	40.79	ng/ul	0.00
44) Dimethylphthalate-d6	13.80	166	195064	35.78	ng/ul	0.00
47) Acenaphthylene-d8	14.07	160	233904	35.16	ng/ul	0.00
52) 4-Nitrophenol-d4	14.59	143	29775m	31.79	ng/ul	0.00
58) Fluorene-d10	15.38	176	170811	36.45	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.50	200	33959	31.37	ng/ul	0.00
71) Anthracene-d10	17.24	188	274180	36.24	ng/ul	0.00
79) Pyrene-d10	19.48	212	318742	36.38	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.37	264	377043	37.34	ng/ul	-0.01

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.26	88	675m	0.963	ng/uL
4) Benzaldehyde	6.88	77	5483	4.997	ng/ul
6) Phenol	6.93	94	7254	3.211	ng/ul
8) Bis(2-Chloroethyl)ether	7.16	93	5789	3.473	ng/ul
10) 2-Chlorophenol	7.30	128	6083	3.518	ng/ul
11) 2-Methylphenol	8.18	108	4907	2.857	ng/ul
12) 2,2'-oxybis(1-Chloropropan	8.26	45	6870m	3.863	ng/ul
14) Acetophenone	8.56	105	9994	3.367	ng/ul
15) N-Nitroso-di-n-propylamine	8.54	70	4864	3.445	ng/ul#
16) 4-Methylphenol	8.50	108	5938	3.132	ng/ul
17) Hexachloroethane	8.80	117	3071	3.819	ng/ul
20) Nitrobenzene	8.93	77	8014	3.812	ng/ul
21) Isophorone	9.46	82	12400	3.455	ng/ul
23) 2-Nitrophenol	9.64	139	3657	3.905	ng/ul
24) 2,4-Dimethylphenol	9.71	107	7576	3.503	ng/ul
25) Bis(2-Chloroethoxy)methane	9.94	93	7652	3.523	ng/ul
27) 2,4-Dichlorophenol	10.17	162	5530	3.317	ng/ul#
28) Naphthalene	10.57	128	19982	3.632	ng/ul
30) 4-Chloroaniline	10.69	127	8047	4.179	ng/ul
31) Hexachlorobutadiene	10.86	225	5032	3.903	ng/ul#
32) Caprolactam	11.50	113	1669m	3.068	ng/ul
33) 4-Chloro-3-methylphenol	11.82	107	6137	3.164	ng/ul
34) 2-Methylnaphthalene	12.19	142	13881	3.488	ng/ul

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.41	142	13544	3.459	ng/ul	95
37) 1,2,4,5-Tetrachlorobenzene	12.56	216	8627	3.496	ng/ul	89
38) Hexachlorocyclopentadiene	12.54	237	4701	2.936	ng/ul#	97
39) 2,4,6-Trichlorophenol	12.81	196	4358	2.964	ng/ul	86
40) 2,4,5-Trichlorophenol	12.89	196	4102	2.568	ng/ul	96
41) 1,1'-Biphenyl	13.21	154	18825	3.454	ng/ul	98
42) 2-Chloronaphthalene	13.25	162	14336	3.356	ng/ul	94
43) 2-Nitroaniline	13.47	65	3586	2.890	ng/ul	85
45) Dimethylphthalate	13.85	163	20115	3.603	ng/ul	97
46) 2,6-Dinitrotoluene	13.96	165	3370	3.011	ng/ul#	94
48) Acenaphthylene	14.10	152	21853	3.476	ng/ul	96
49) 3-Nitroaniline	14.30	138	2944	2.977	ng/ul	97
50) Acenaphthene	14.45	153	16294	3.526	ng/ul	95
51) 2,4-Dinitrophenol	14.50	184	1555	2.102	ng/ul	99
53) 4-Nitrophenol	14.60	109	3329	3.180	ng/ul#	65
54) Dibenzofuran	14.79	168	21922	3.255	ng/ul	97
55) 2,4-Dinitrotoluene	14.75	165	5111	3.149	ng/ul#	70
56) 2,3,4,6-Tetrachlorophenol	15.02	232	4588	3.025	ng/ul#	92
57) Diethylphthalate	15.22	149	19371	3.393	ng/ul	97
59) Fluorene	15.43	166	18804	3.342	ng/ul	98
60) 4-Chlorophenyl-phenylether	15.43	204	10372	3.353	ng/ul#	79
61) 4-Nitroaniline	15.46	138	3204	2.776	ng/ul#	85
64) 4,6-Dinitro-2-methylphenol	15.52	198	3602	3.275	ng/ul#	80
65) N-Nitrosodiphenylamine	15.65	169	15869	3.343	ng/ul	97
66) 4-Bromophenyl-phenylether	16.33	248	6434	3.453	ng/ul	93
67) Hexachlorobenzene	16.44	284	7211	3.428	ng/ul	95
68) Atrazine	16.61	200	5542	2.906	ng/ul#	90
69) Pentachlorophenol	16.79	266	3070	2.307	ng/ul	91
70) Phenanthrene	17.18	178	31796	3.537	ng/ul	97
72) Anthracene	17.27	178	31774	3.445	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.17	216	8523	3.479	ng/uL	88
74) Pentachlorobenzene	14.70	250	8868	3.562	ng/uL#	84
75) Carbazole	17.55	167	25197	3.174	ng/ul	98
76) Di-n-butylphthalate	18.10	149	27902	3.011	ng/ul	98
77) Fluoranthene	19.16	202	35272	3.213	ng/ul	98
80) Pvrene	19.51	202	40760	3.606	ng/ul#	97
81) Butylbenzylphthalate	20.39	149	11454	2.795	ng/ul	96
82) 3,3'-Dichlorobenzidine	21.15	252	11060	2.851	ng/ul#	94
83) Benzo(a)anthracene	21.22	228	40709	3.560	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.14	149	17372	2.824	ng/ul	98
85) Chrysene	21.26	228	40883	3.648	ng/ul	98
87) Di-n-octyl phthalate	22.03	149	30007	2.569	ng/ul	100
88) Benzo(b)fluoranthene	22.82	252	42397	3.419	ng/ul	98
89) Benzo(k)fluoranthene	22.87	252	41229	3.370	ng/ul	99
91) Benzo(a)pyrene	23.42	252	36622	3.364	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	25.85	276	46235	3.324	ng/ul	93
93) Dibenzo(a,h)anthracene	25.87	278	40009	3.400	ng/ul	99
94) Benzo(a,h,i)perylene	26.57	276	39509	3.430	ng/ul	99

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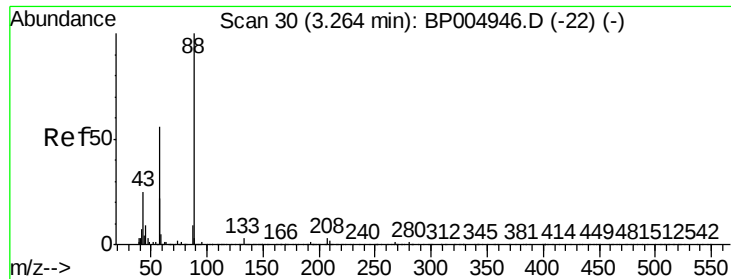
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2

1,4-Dioxane

Concen: 0.963 ng/uL m

RT: 3.26 min Scan# 29

Delta R.T. 0.00 min

Lab File: BP004956.D

Acq: 09 Mar 2021 23:14

Instrument :

BNA_P

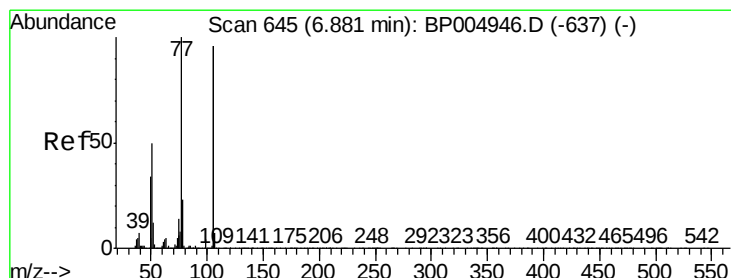
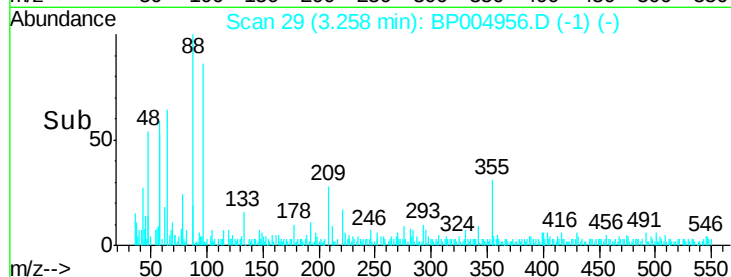
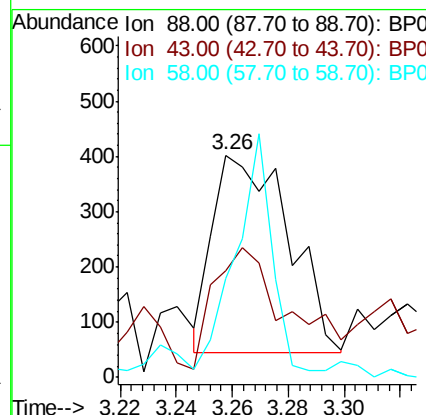
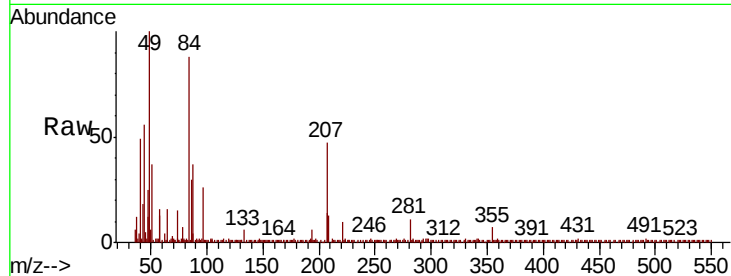
ClientSampleId :

MDL-ME-SOIL-06

Tot Ion:	88	Resp:	675
Ion	Ratio	Lower	Upper
88	100		
43	48.3	26.0	39.0#
58	43.5	52.0	78.0#

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#4

Benzaldehyde

Concen: 4.997 ng/uL

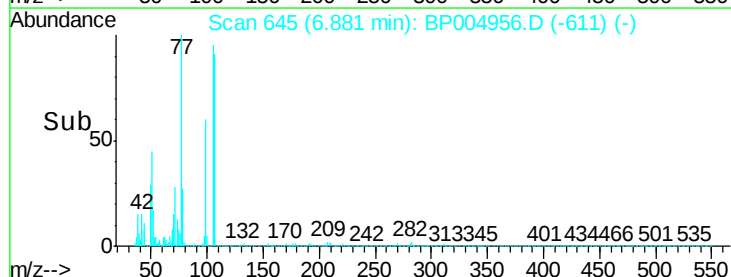
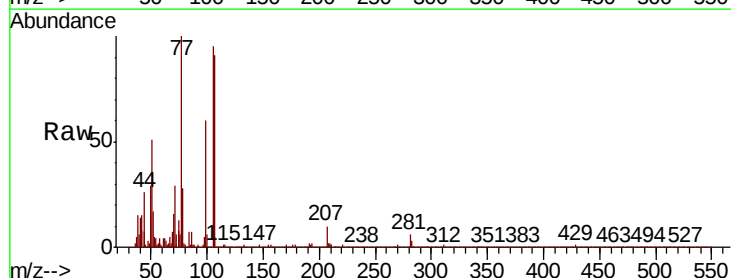
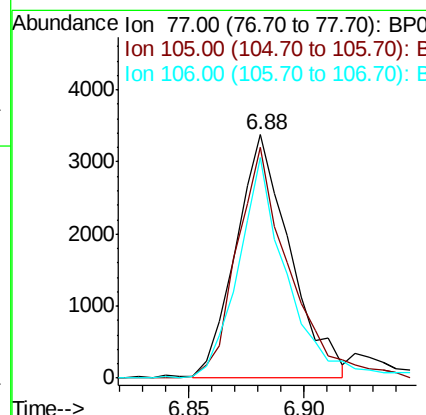
RT: 6.88 min Scan# 645

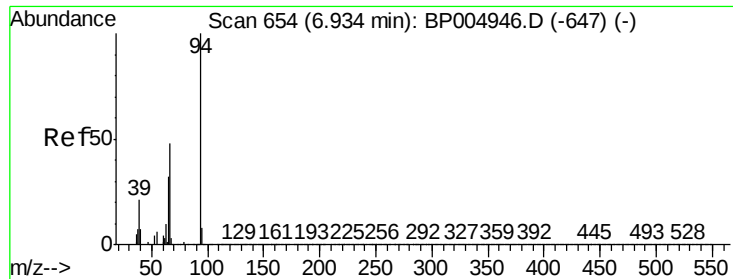
Delta R.T. 0.00 min

Lab File: BP004956.D

Acq: 09 Mar 2021 23:14

Tgt Ion:	77	Resp:	5483
Ion	Ratio	Lower	Upper
77	100		
105	94.6	73.6	110.4
106	90.6	71.3	106.9





#6

Phenol

Concen: 3.211 ng/ul

RT: 6.93 min Scan# 654

Delta R.T. 0.00 min

Lab File: BP004956.D

Acq: 09 Mar 2021 23:14

Instrument :

BNA_P

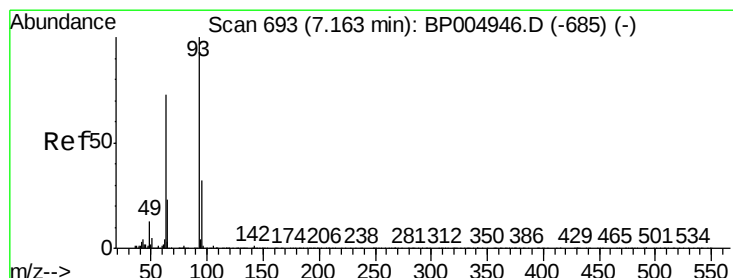
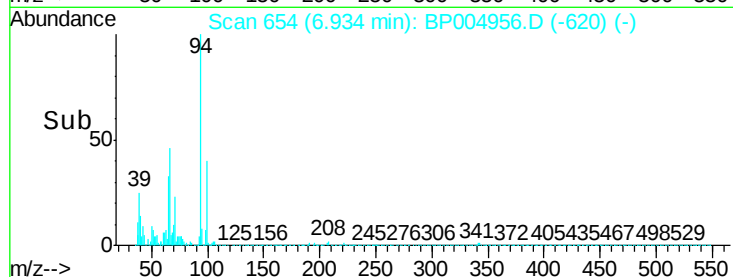
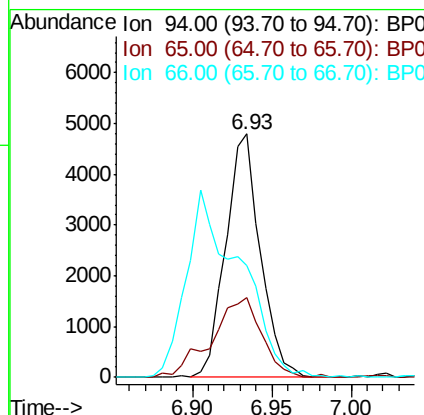
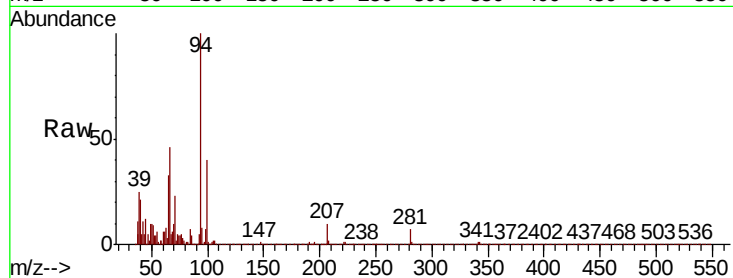
ClientSampleId :

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Tot Ion:	94	Resp:	7254
Ion	Ratio	Lower	Upper
94	100		
65	32.7	27.6	41.4
66	45.9	39.0	58.6

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#8

Bis(2-Chloroethyl)ether

Concen: 3.473 ng/ul

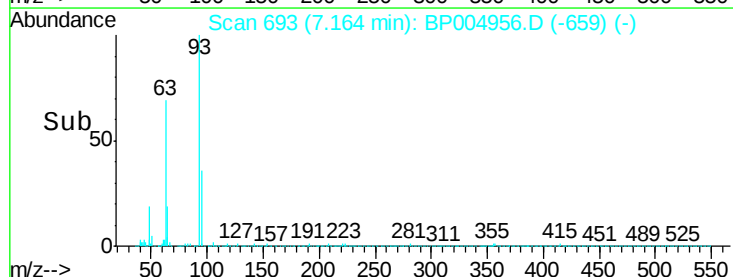
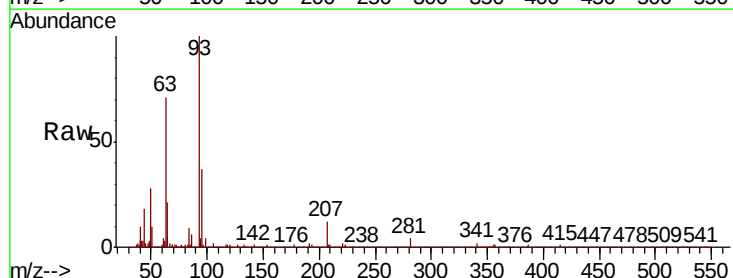
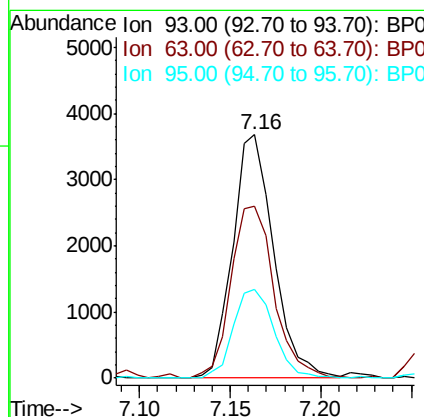
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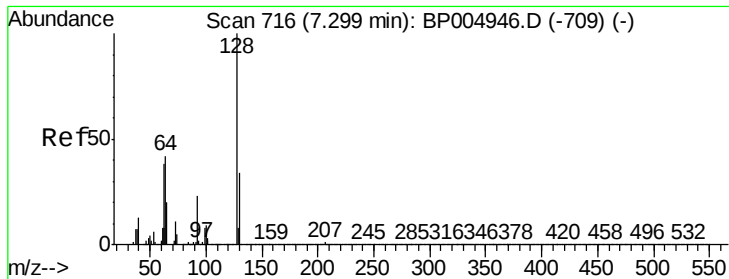
Delta R.T. 0.00 min

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Tgt Ion:	93	Resp:	5789
Ion	Ratio	Lower	Upper
93	100		
63	70.6	54.2	81.2
95	36.5	24.5	36.7





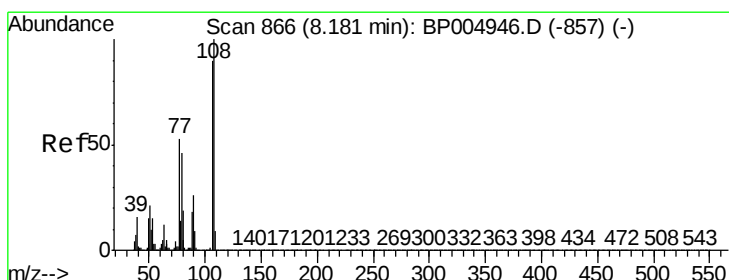
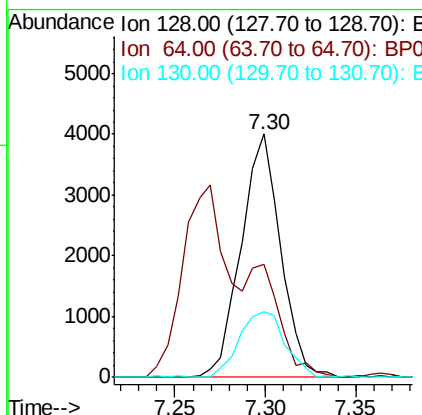
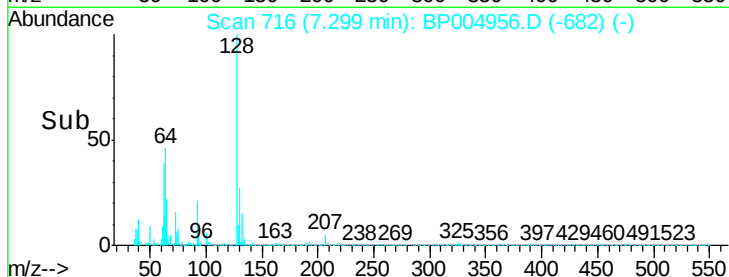
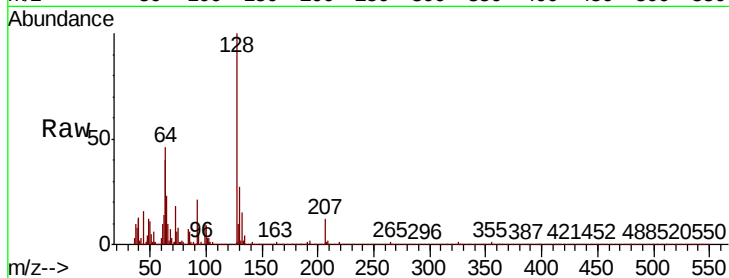
#10
2-Chlorophenol
Concen: 3.518 ng/ul
RT: 7.30 min Scan# 716
Delta R.T. 0.00 min
Lab File: BP004956.D
Acq: 09 Mar 2021 23:14

Instrument :
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Tot Ion	Ratio	Lower	Upper
128	100		
64	46.2	38.7	58.1
130	27.2	26.5	39.7

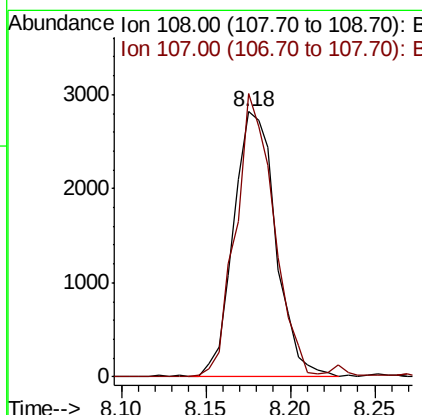
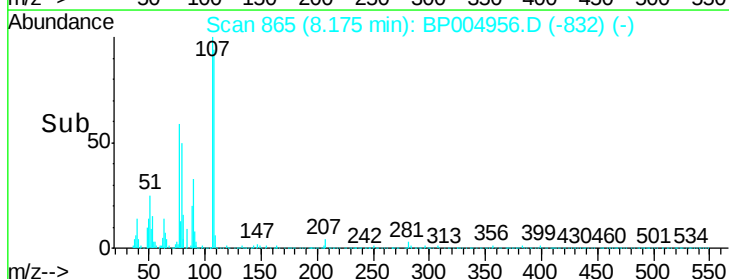
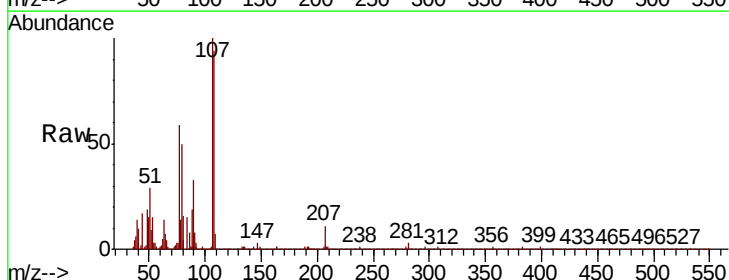
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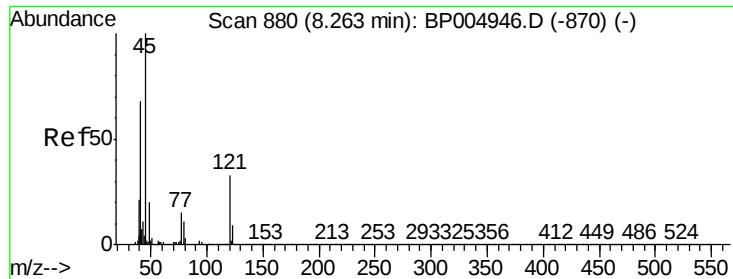
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#11
2-Methylphenol
Concen: 2.857 ng/ul
RT: 8.18 min Scan# 865
Delta R.T. -0.01 min
Lab File: BP004956.D
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Tgt Ion	Ratio	Lower	Upper
108	100		
107	106.8	77.5	116.3





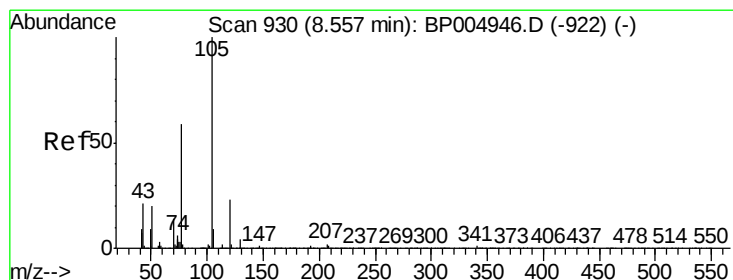
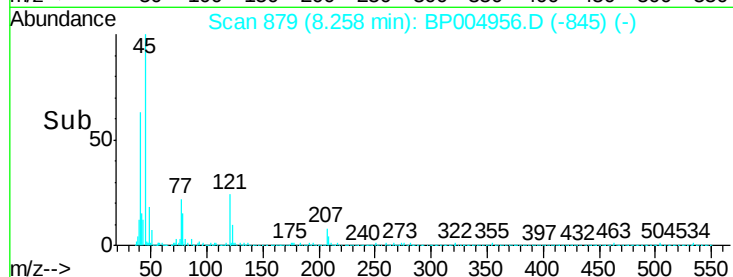
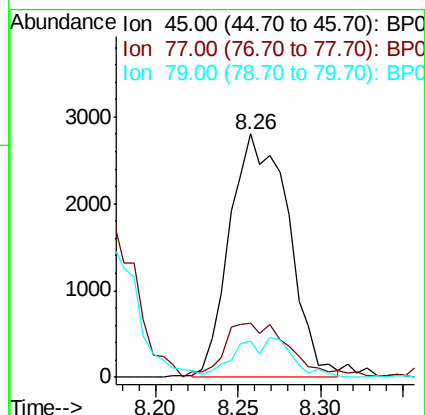
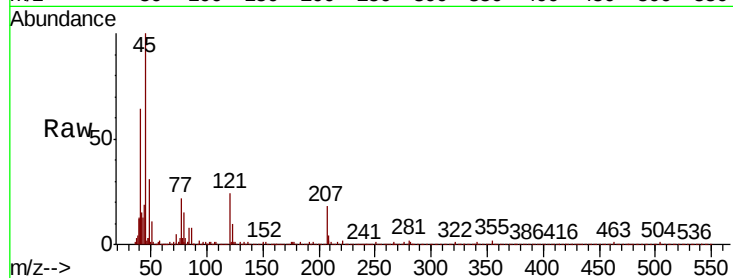
#12
2,2'-oxvbis(1-Chloropropane)
Concen: 3.863 ng/ul m
RT: 8.26 min Scan# 879
Delta R.T. 0.00 min
Lab File: BP004956.D
Acq: 09 Mar 2021 23:14

Instrument :
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Tot Ion:	45	Resp:	6870
Ion Ratio	Lower	Upper	
45	100		
77	22.4	16.5	24.7
79	14.9	11.8	17.6

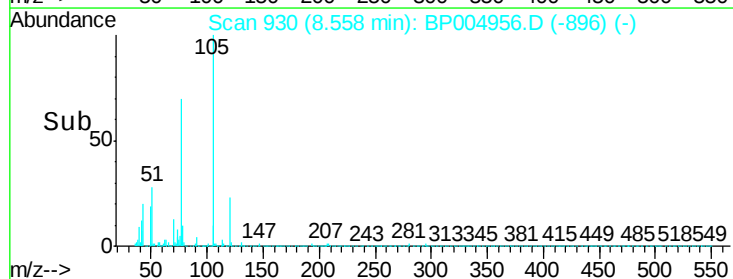
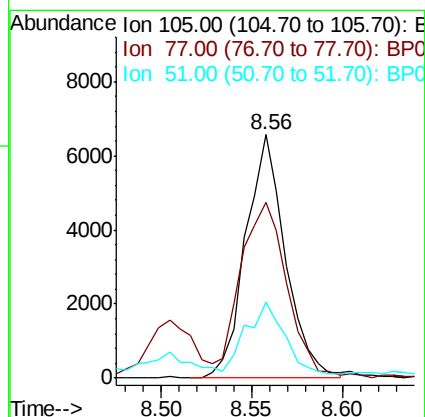
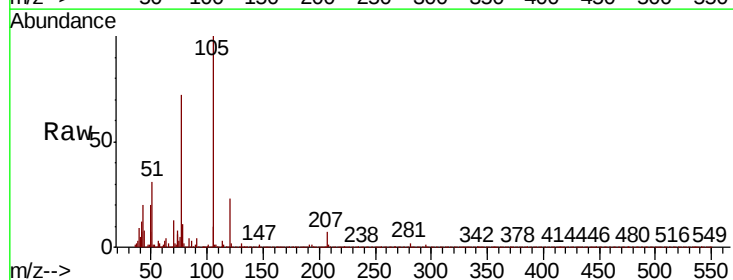
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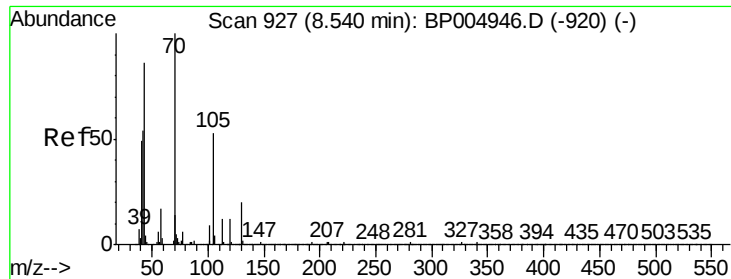
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#14
Acetophenone
Concen: 3.367 ng/ul
RT: 8.56 min Scan# 930
Delta R.T. 0.00 min
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Tgt Ion:	105	Resp:	9994
Ion Ratio	Lower	Upper	
105	100		
77	72.0	65.8	98.6
51	31.4	23.1	34.7





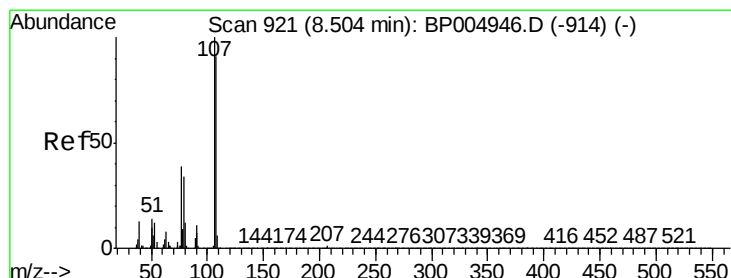
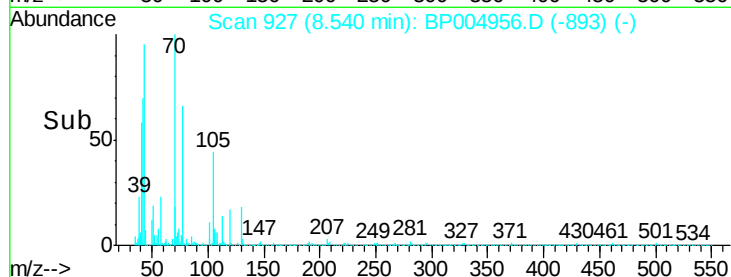
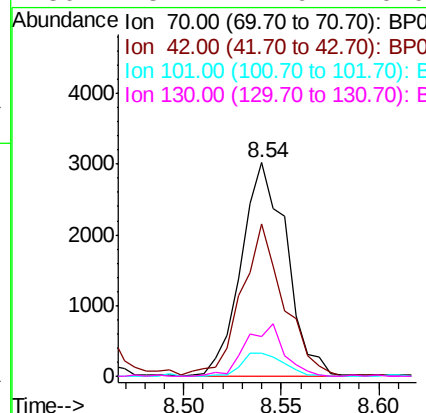
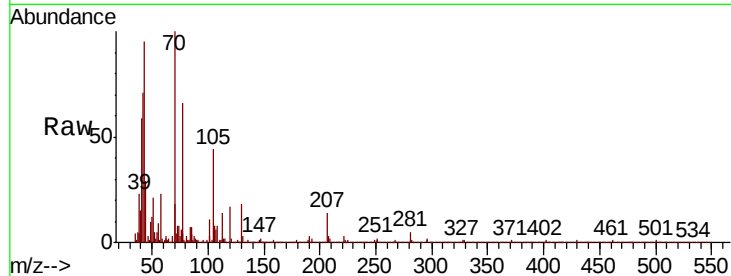
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N-Nitroso-di-n-propylamine
Concen: 3.445 ng/ul
RT: 8.54 min Scan# 927
Delta R.T. 0.00 min
Lab File: BP004956.D
Acq: 09 Mar 2021 23:14

Instrument :
BNA_P
ClientSampleId :
MDL-ME-SOIL-06

Tot Ion:	70	Resp:	4864
Ion Ratio	Lower	Upper	
70	100		
42	71.1	46.6	70.0#
101	10.9	8.8	13.2
130	18.4	17.9	26.9

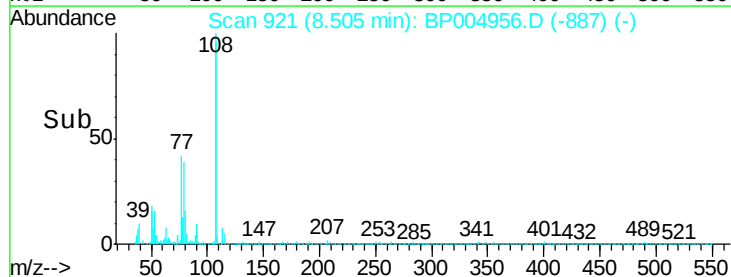
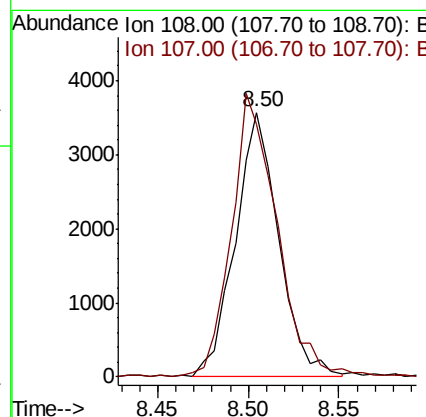
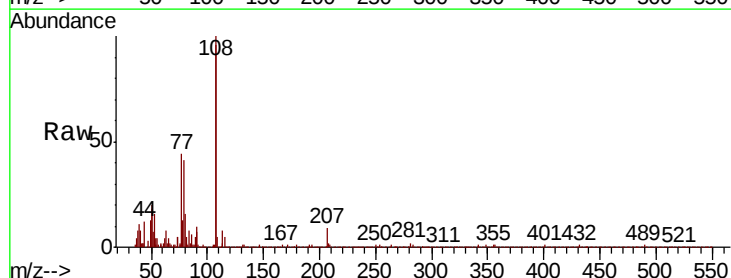
Manual Integrations
APPROVED

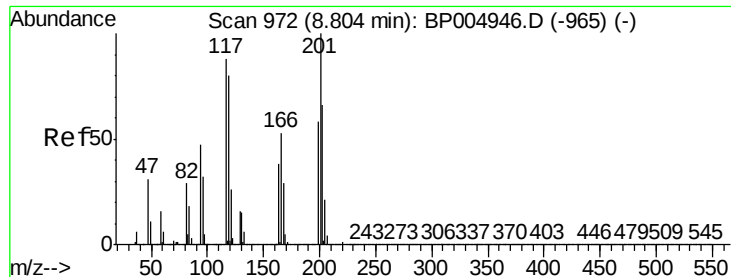
mohammad
3/10/2021 11:54:44 AM



#16
4-Methylphenol
Concen: 3.132 ng/ul
RT: 8.50 min Scan# 921
Delta R.T. 0.00 min
Lab File: BP004956.D
Acq: 09 Mar 2021 23:14

Tgt Ion:	108	Resp:	5938
Ion Ratio	Lower	Upper	
108	100		
107	95.8	92.8	139.2





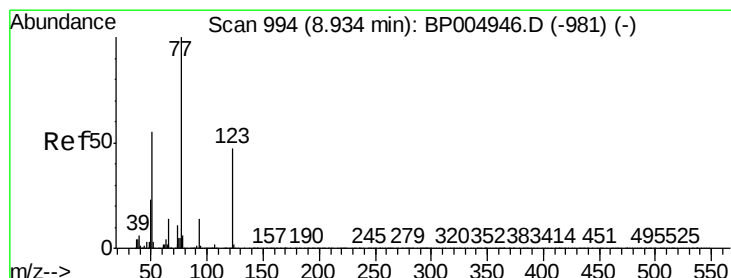
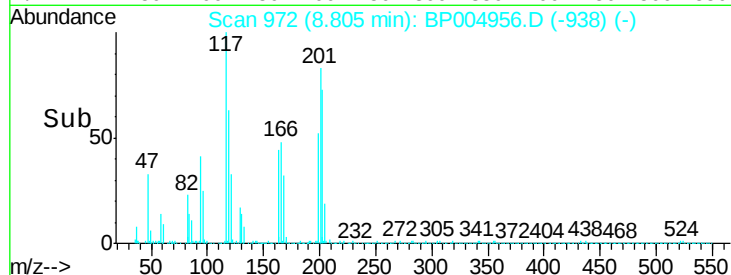
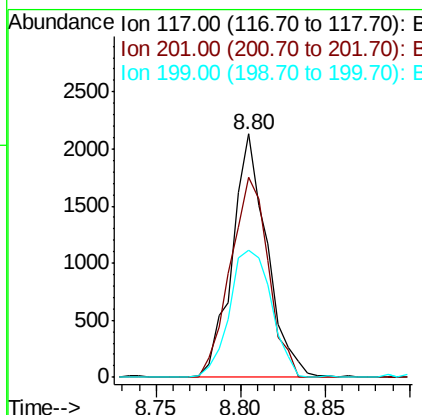
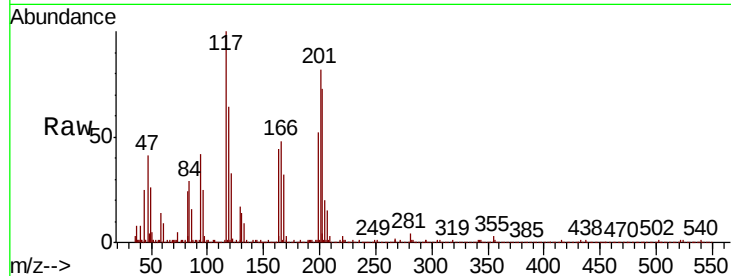
#17
Hexachloroethane
Concen: 3.819 ng/ul
RT: 8.80 min Scan# 972
Delta R.T. 0.00 min
Lab File: BP004956.D
Acq: 09 Mar 2021 23:14

Instrument :
BNA_P
ClientSampleId :
MDL-ME-SOIL-06

Tot Ion	Ratio	Lower	Upper
117	100		
201	85.9	82.4	123.6
199	53.2	44.6	66.8

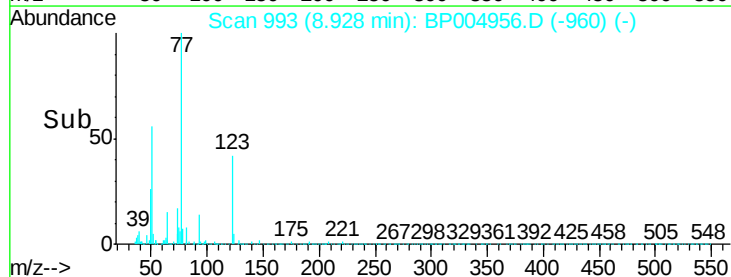
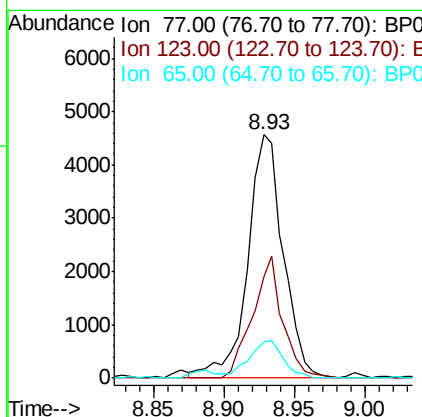
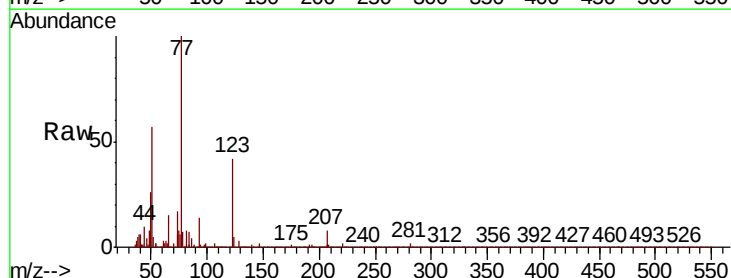
Manual Integrations
APPROVED

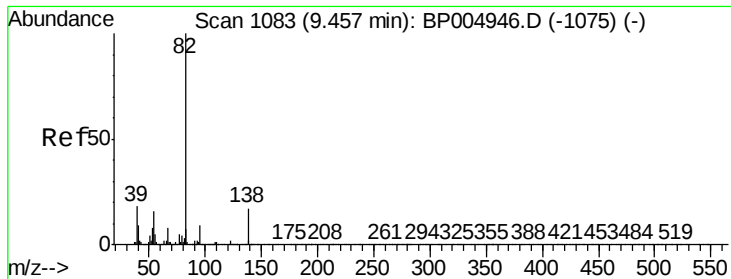
mohammad
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#20
Nitrobenzene
Concen: 3.812 ng/ul
RT: 8.93 min Scan# 993
Delta R.T. -0.01 min
Lab File: BP004956.D
Acq: 09 Mar 2021 23:14

Tgt Ion	Ratio	Lower	Upper
77	100		
123	41.6	32.7	49.1
65	14.9	10.9	16.3





#21

Isophorone

Concen: 3.455 ng/ul

RT: 9.46 min Scan# 1083

Delta R.T. -0.01 min

Lab File: BP004956.D

Acq: 09 Mar 2021 23:14

Instrument :

BNA_P

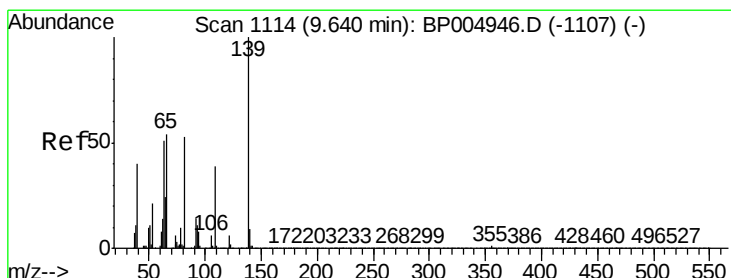
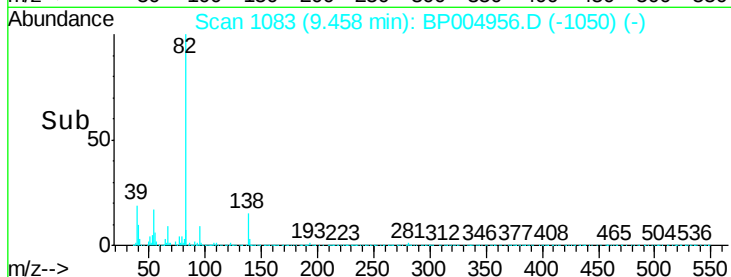
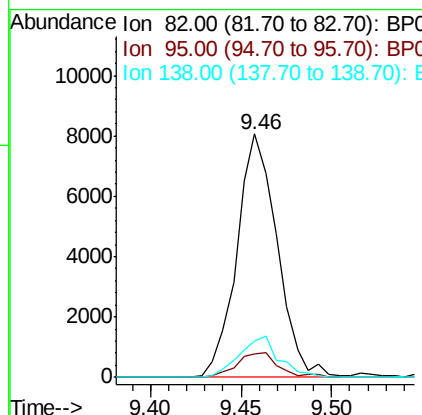
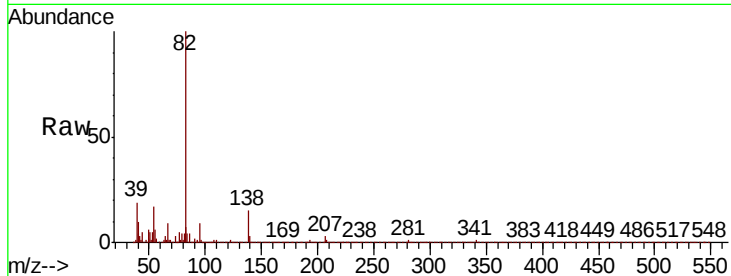
ClientSampleId :

MDL-ME-SOIL-06

Tot Ion:	82	Resp:	12400
Ion Ratio	Lower	Upper	
82	100		
95	9.5	8.0	12.0
138	14.8	13.8	20.6

Manual Integrations
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#23

2-Nitrophenol

Concen: 3.905 ng/ul

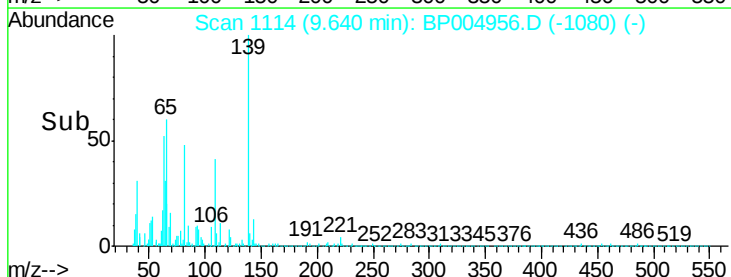
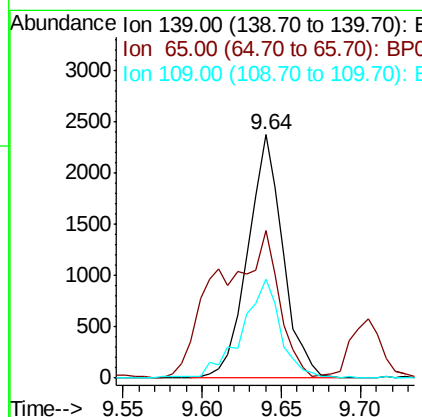
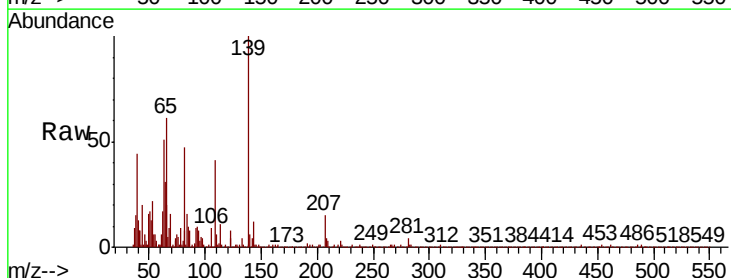
RT: 9.64 min Scan# 1114

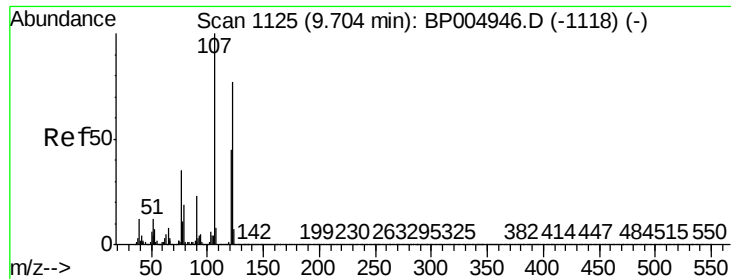
Delta R.T. 0.00 min

Lab File: BP004956.D

Acq: 09 Mar 2021 23:14

Tgt Ion:	139	Resp:	3657
Ion Ratio	Lower	Upper	
139	100		
65	60.5	48.7	73.1
109	40.8	35.4	53.0





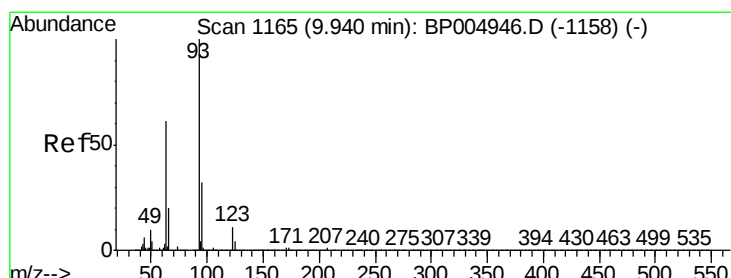
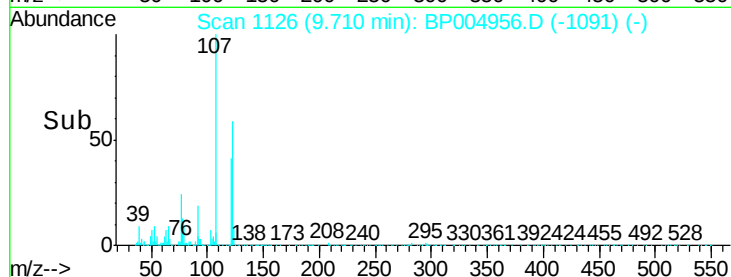
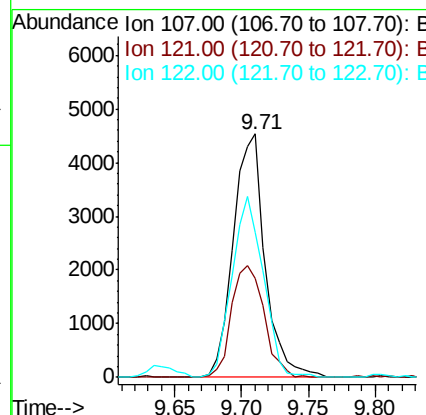
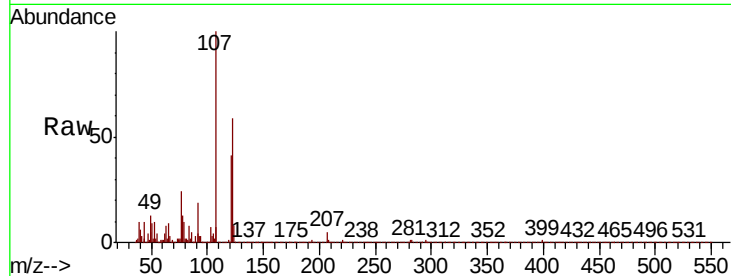
#24
2,4-Dimethylphenol
Concen: 3.503 ng/ul
RT: 9.71 min Scan# 1126
Delta R.T. 0.01 min
Lab File: BP004956.D
Acq: 09 Mar 2021 23:14

Instrument :
BNA_P
ClientSampleId :
MDL-ME-SOIL-06

Tot Ion:	107	Resp:	7576
Ion Ratio	Lower	Upper	
107	100		
121	40.6	35.9	53.9
122	59.5	55.7	83.5

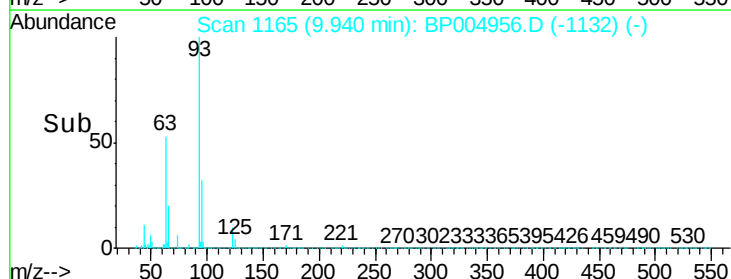
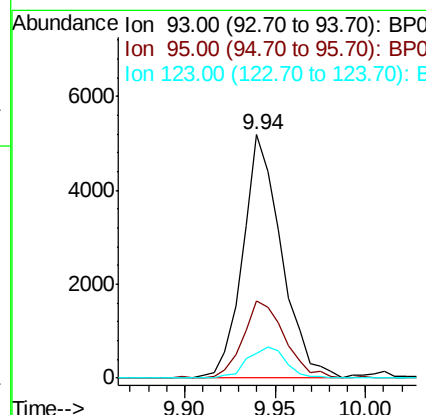
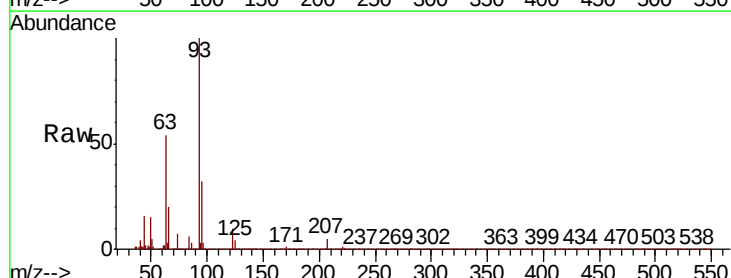
Manual Integrations
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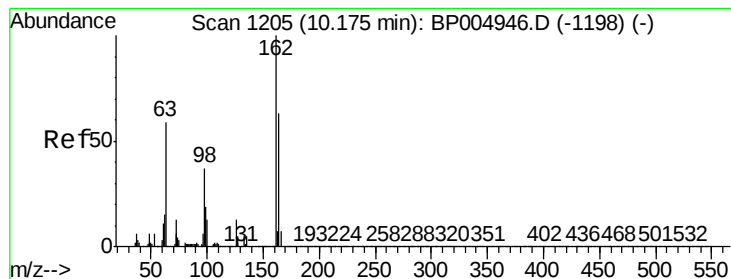
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#25
Bis(2-Chloroethoxy)methane
Concen: 3.523 ng/ul
RT: 9.94 min Scan# 1165
Delta R.T. -0.01 min
Lab File: BP004956.D
Acq: 09 Mar 2021 23:14

Tgt Ion:	93	Resp:	7652
Ion Ratio	Lower	Upper	
93	100		
95	31.6	25.4	38.0
123	10.4	9.8	14.8





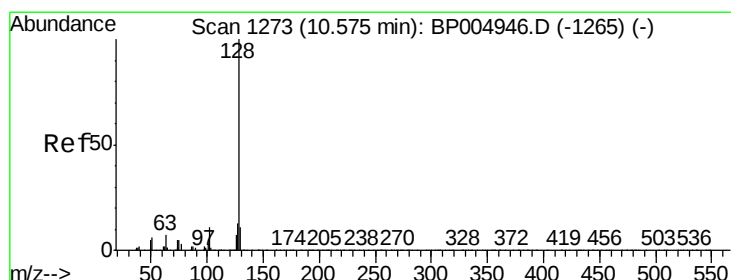
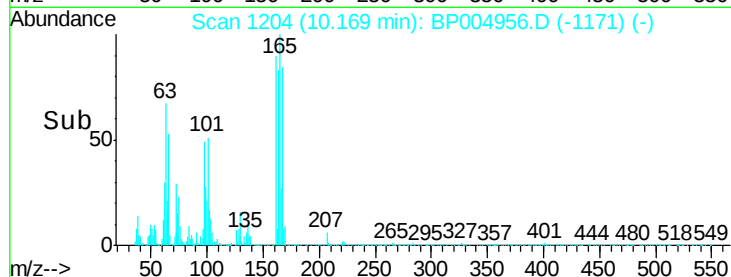
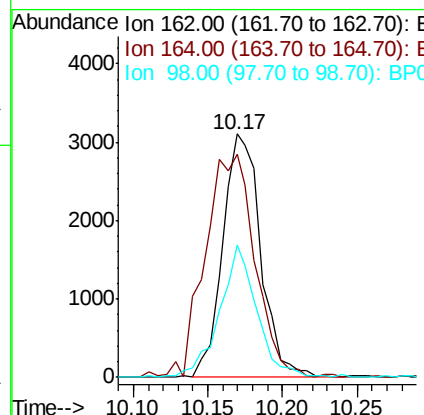
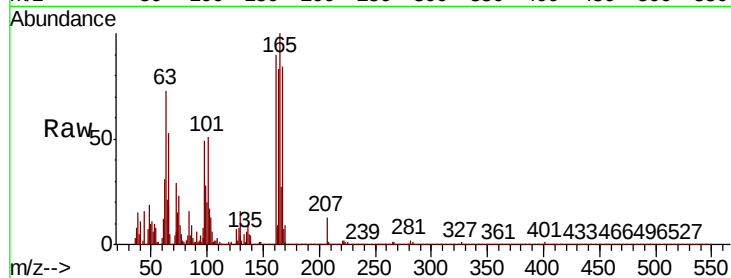
#27
2,4-Dichlorophenol
Concen: 3.317 ng/ul
RT: 10.17 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BP004956.D
Acq: 09 Mar 2021 23:14

Instrument :
BNA_P
ClientSampleId :
MDL-ME-SOIL-06

Tot Ion	Ratio	Lower	Upper
162	100		
164	91.7	46.3	69.5#
98	54.4	30.3	45.5#

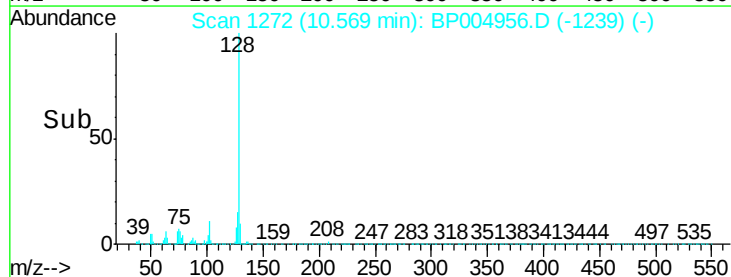
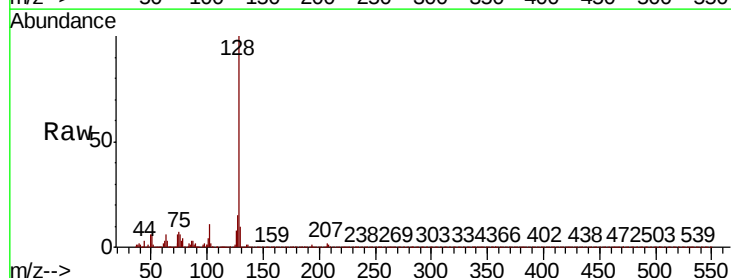
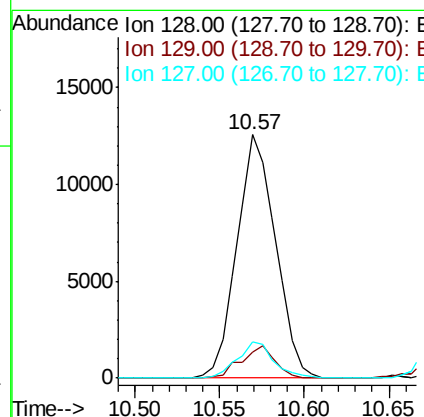
Manual Integrations
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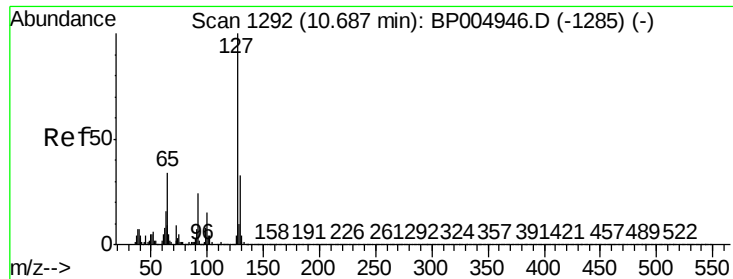
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#28
Naphthalene
Concen: 3.632 ng/ul
RT: 10.57 min Scan# 1272
Delta R.T. -0.01 min
Lab File: BP004956.D
Acq: 09 Mar 2021 23:14

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.5	8.4	12.6
127	14.7	11.0	16.4





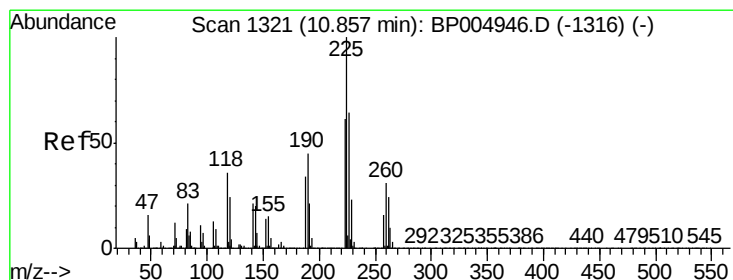
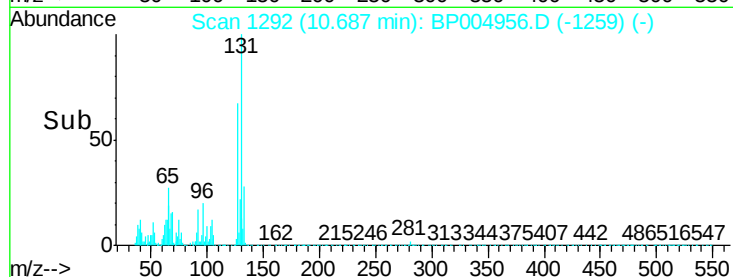
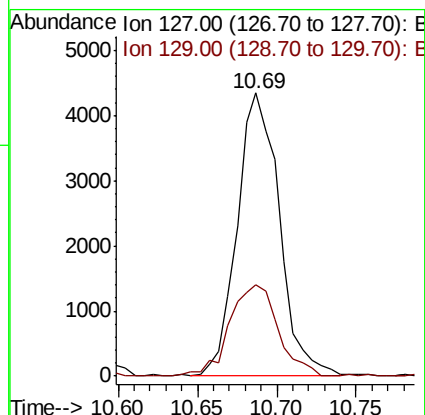
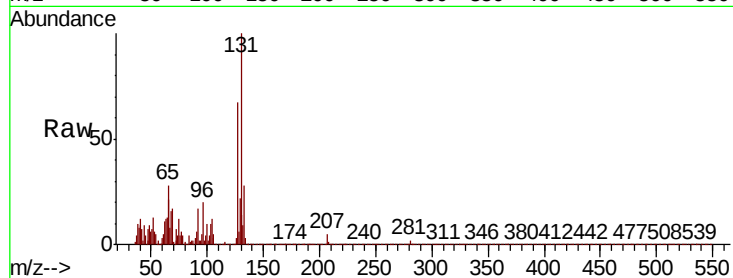
#30
4-Chloroaniline
Concen: 4.179 ng/ul
RT: 10.69 min Scan# 1292
Delta R.T. -0.01 min
Lab File: BP004956.D
Acq: 09 Mar 2021 23:14

Instrument :
BNA_P
ClientSampleId :
MDL-ME-SOIL-06

Tot Ion:127 Resp: 8047
Ion Ratio Lower Upper
127 100
129 32.4 27.0 40.4

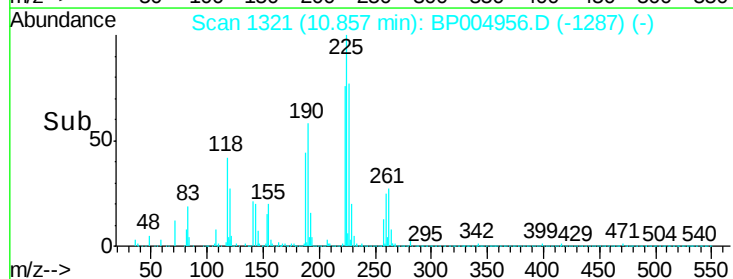
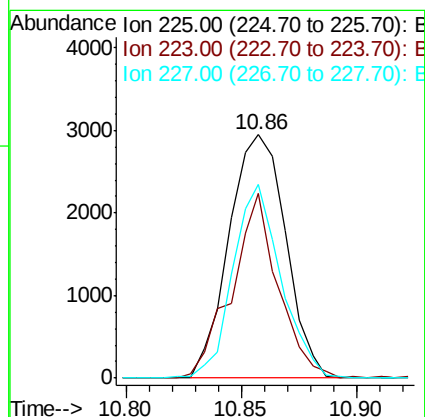
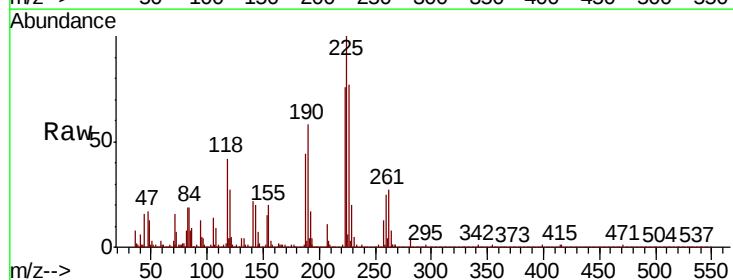
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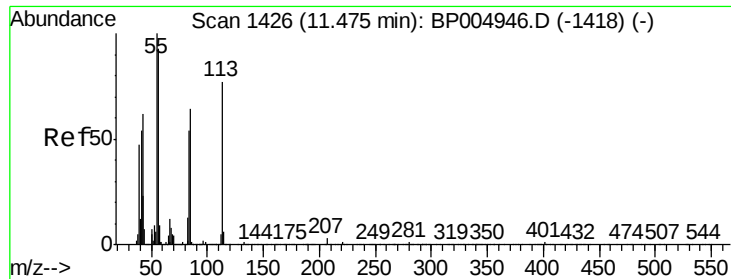
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#31
Hexachlorobutadiene
Concen: 3.903 ng/ul
RT: 10.86 min Scan# 1321
Delta R.T. 0.00 min
Lab File: BP004956.D
Acq: 09 Mar 2021 23:14

Tgt Ion:225 Resp: 5032
Ion Ratio Lower Upper
225 100
223 75.7 51.0 76.6
227 79.6 48.1 72.1#





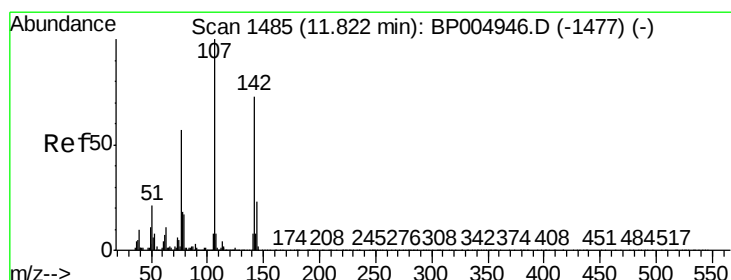
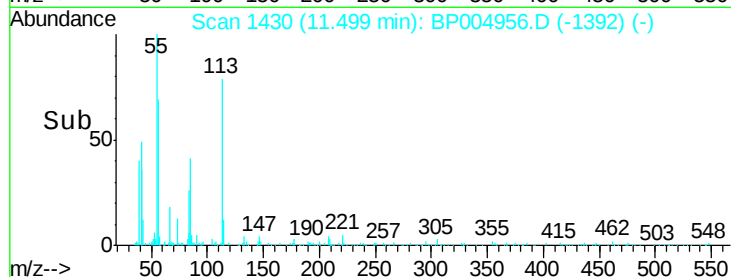
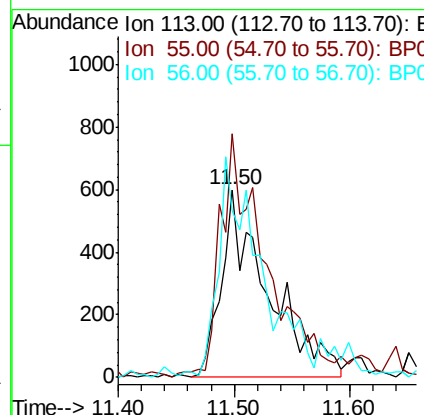
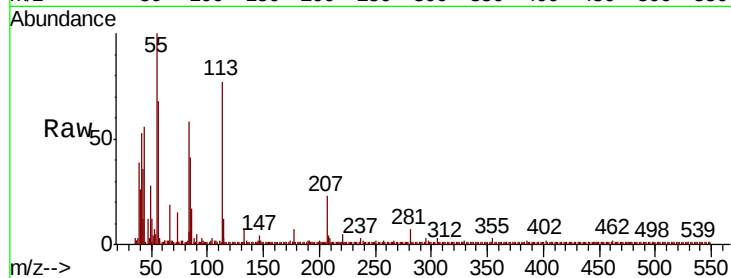
#32
 Caprolactam
 Concen: 3.068 ng/ul m
 RT: 11.50 min Scan# 1430
 Delta R.T. 0.02 min
 Lab File: BP004956.D
 Acq: 09 Mar 2021 23:14

Instrument :
 BNA_P
 ClientSampleId :
 MDL-ME-SOIL-06

Tot Ion	Ratio	Lower	Upper
113	100		
55	129.7	96.7	145.1
56	88.7	85.7	128.5

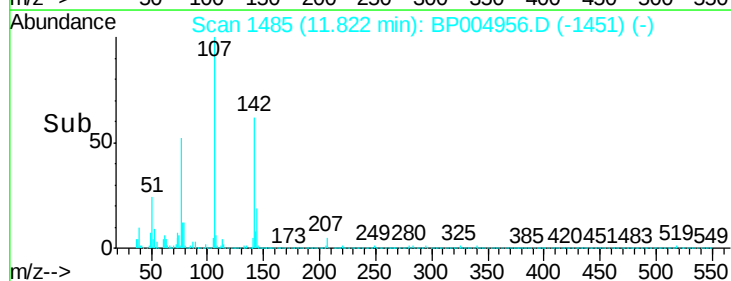
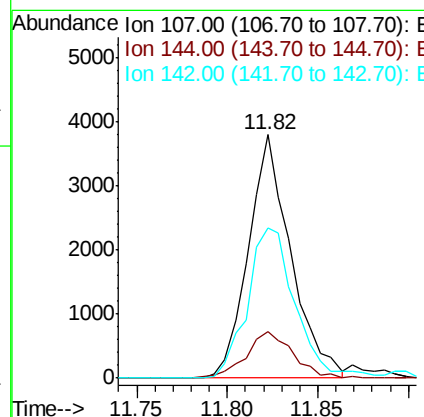
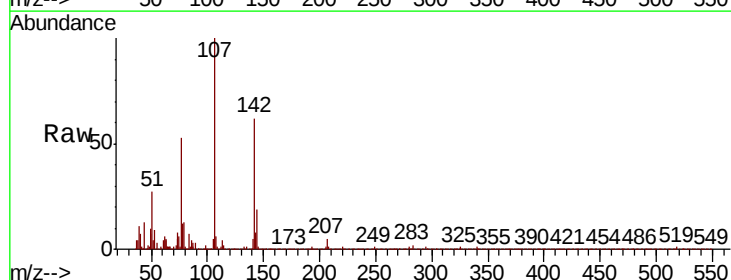
Manual Integrations
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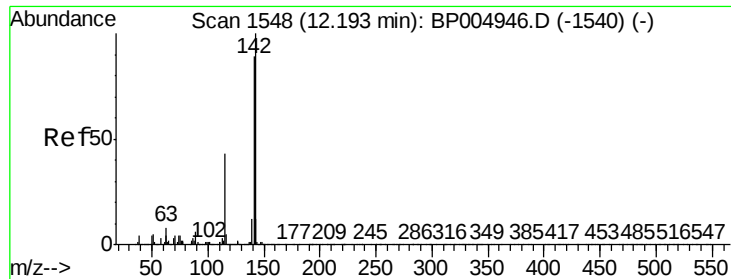
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#33
 4-Chloro-3-methylphenol
 Concen: 3.164 ng/ul
 RT: 11.82 min Scan# 1485
 Delta R.T. 0.00 min
 Lab File: BP004956.D
 Acq: 09 Mar 2021 23:14

Tgt Ion	Ratio	Lower	Upper
107	100		
144	19.0	17.4	26.0
142	61.9	53.6	80.4





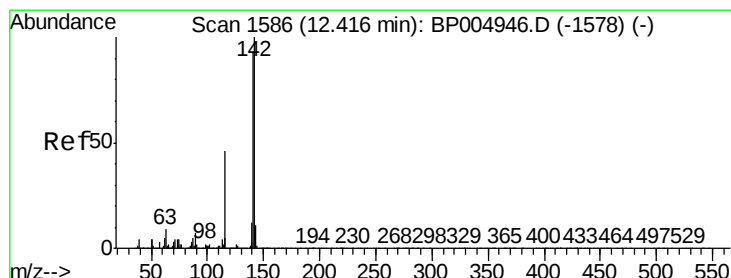
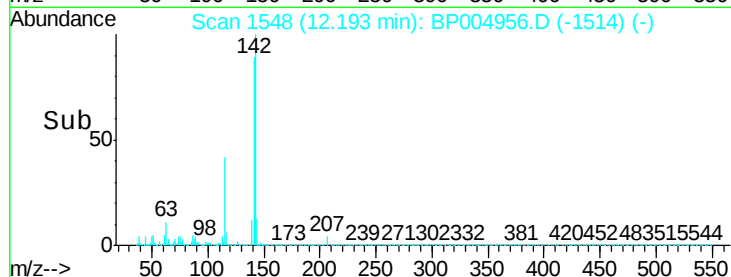
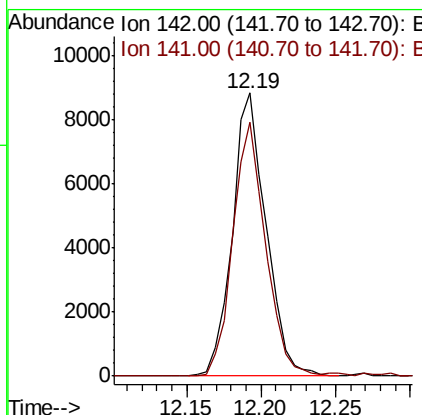
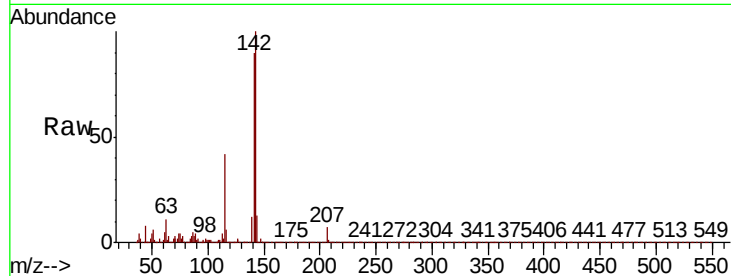
#34
2-Methylnaphthalene
Concen: 3.488 ng/ul
RT: 12.19 min Scan# 1548
Delta R.T. 0.00 min
Lab File: BP004956.D
Acq: 09 Mar 2021 23:14

Instrument :
BNA_P
ClientSampleId :
MDL-ME-SOIL-06

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.6	73.5	110.3

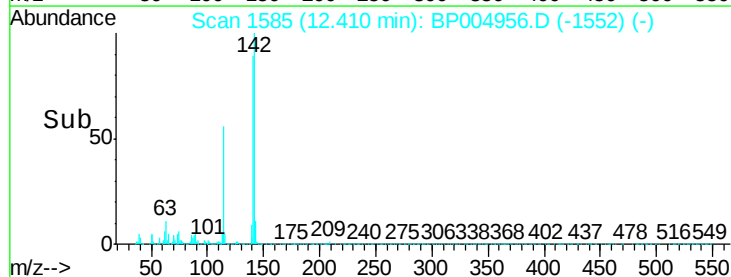
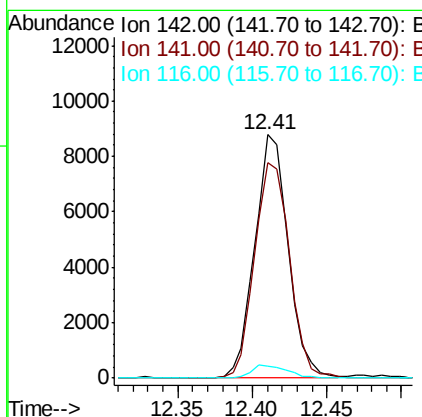
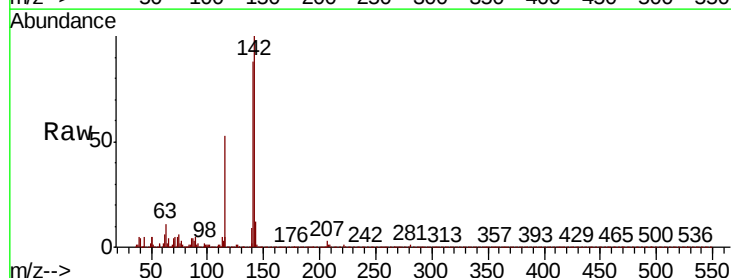
Manual Integrations
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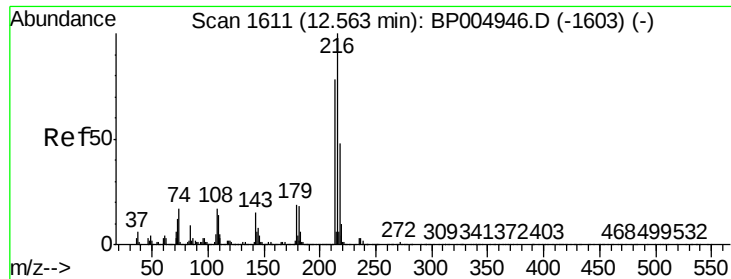
mohammad
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#35
1-Methylnaphthalene
Concen: 3.459 ng/ul
RT: 12.41 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BP004956.D
Acq: 09 Mar 2021 23:14

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.3	74.6	111.8
116	4.8	3.6	5.4





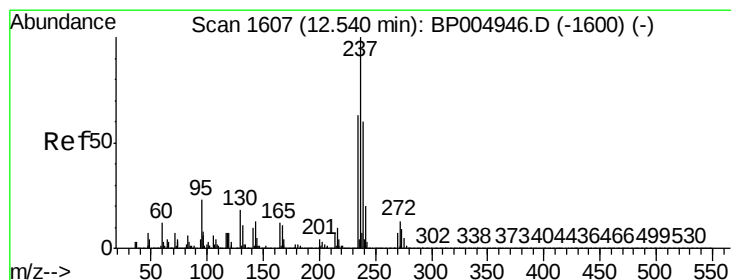
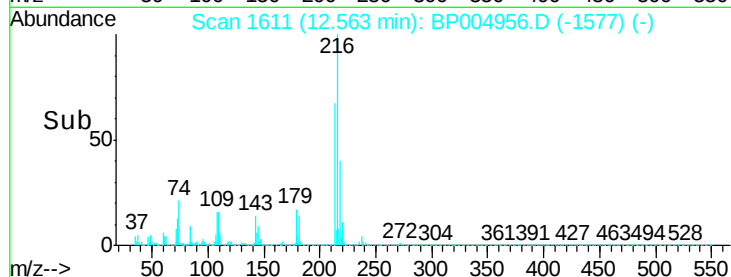
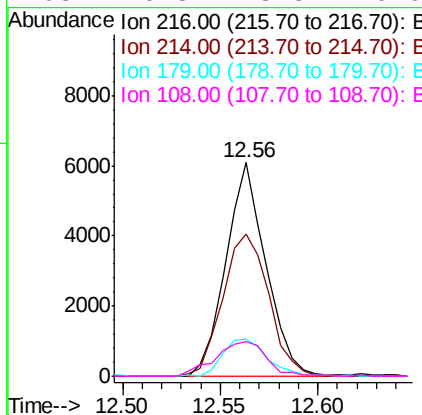
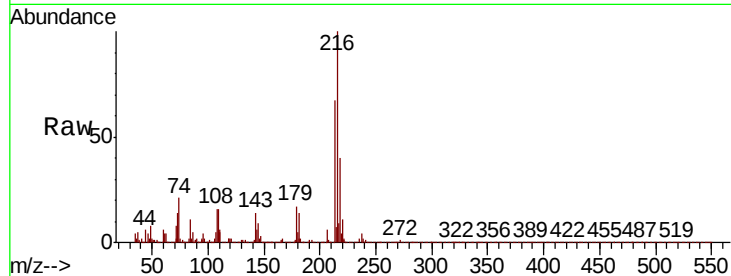
#37
 1,2,4,5-Tetrachlorobenzene
 Concen: 3.496 ng/ul
 RT: 12.56 min Scan# 1611
 Delta R.T. 0.00 min
 Lab File: BP004956.D
 Acq: 09 Mar 2021 23:14

Instrument :
 BNA_P
 ClientSampleId :
 MDL-ME-SOIL-06

Tot Ion:	216	Resp:	8627
Ion Ratio	Lower	Upper	
216	100		
214	66.7	62.9	94.3
179	17.3	16.6	24.8
108	16.3	13.3	19.9

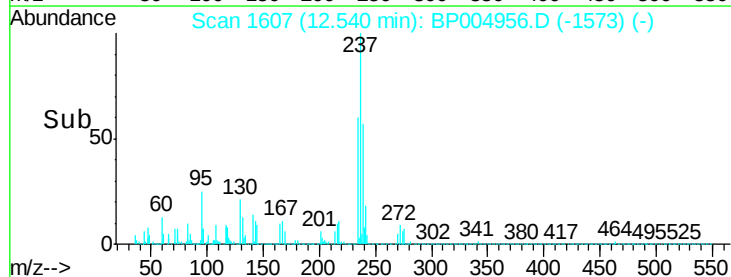
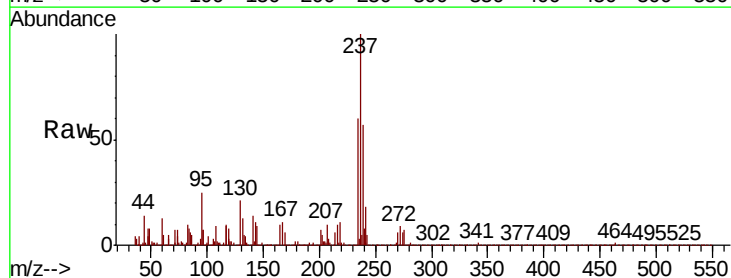
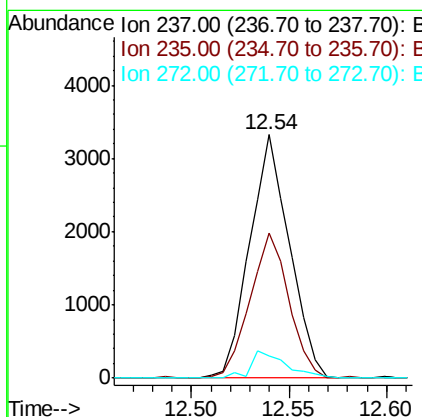
Manual Integrations
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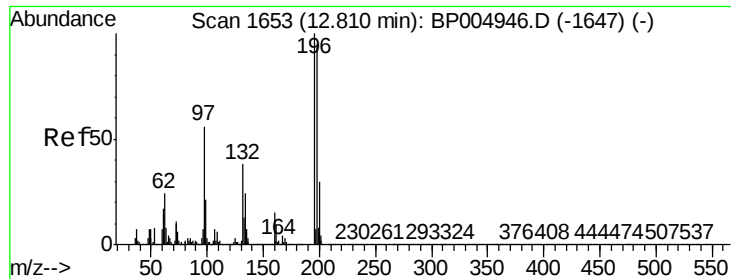
mohammad
 3/10/2021 11:54:44 AM



#38
 Hexachlorocyclopentadiene
 Concen: 2.936 ng/ul
 RT: 12.54 min Scan# 1607
 Delta R.T. 0.00 min
 Lab File: BP004956.D
 Acq: 09 Mar 2021 23:14

Tgt Ion:	237	Resp:	4701
Ion Ratio	Lower	Upper	
237	100		
235	63.0	49.0	73.6
272	9.6	10.6	15.8#





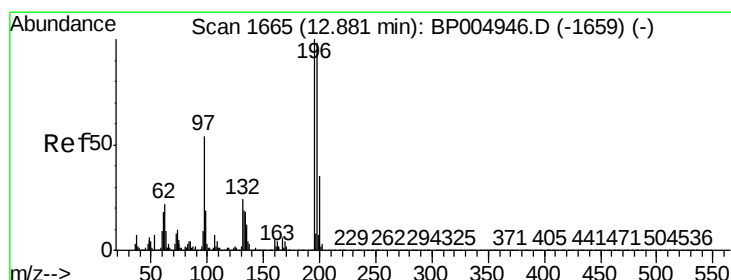
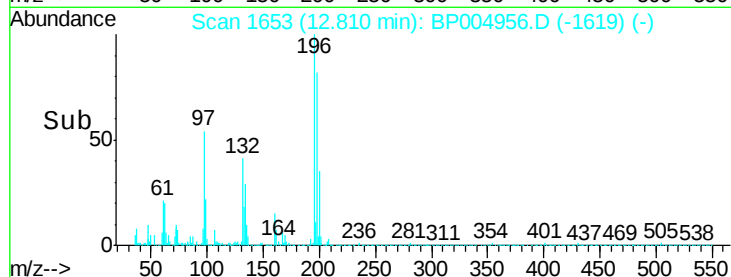
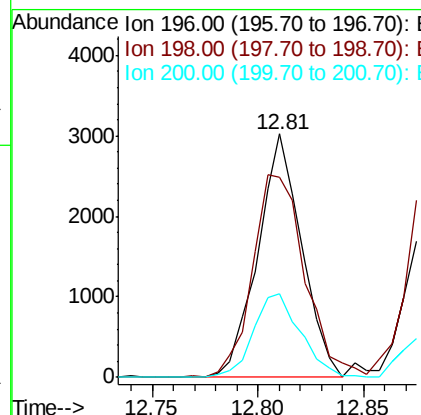
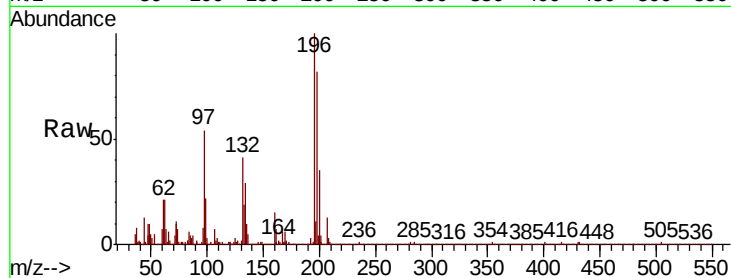
#39
 2,4,6-Trichlorophenol
 Concen: 2.964 ng/ul
 RT: 12.81 min Scan# 1653
 Delta R.T. 0.00 min
 Lab File: BP004956.D
 Acq: 09 Mar 2021 23:14

Instrument :
 BNA_P
 ClientSampleId :
 MDL-ME-SOIL-06

Tot Ion	Ratio	Lower	Upper
196	100		
198	82.4	78.2	117.2
200	34.5	24.5	36.7

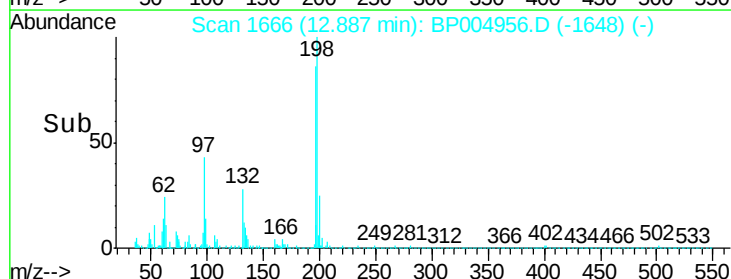
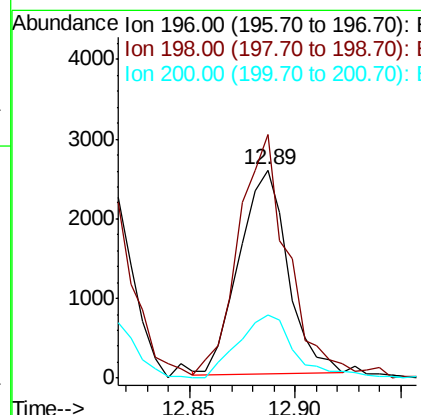
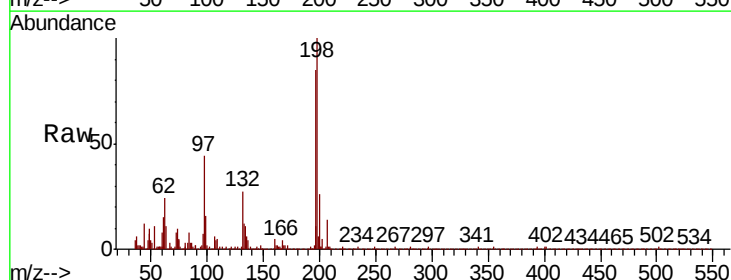
Manual Integrations
 APPROVED

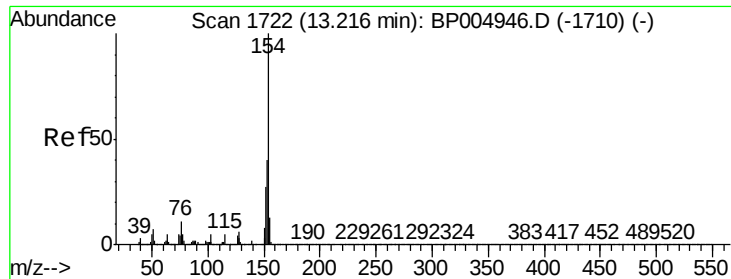
mohammad
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#40
 2,4,5-Trichlorophenol
 Concen: 2.568 ng/ul
 RT: 12.89 min Scan# 1666
 Delta R.T. 0.01 min
 Lab File: BP004956.D
 Acq: 09 Mar 2021 23:14

Tgt Ion	Ratio	Lower	Upper
196	100		
198	103.5	80.0	120.0
200	27.1	24.8	37.2





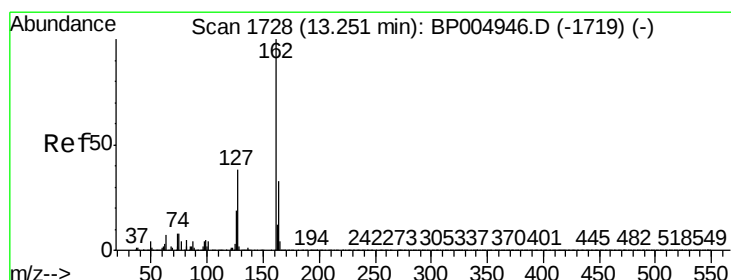
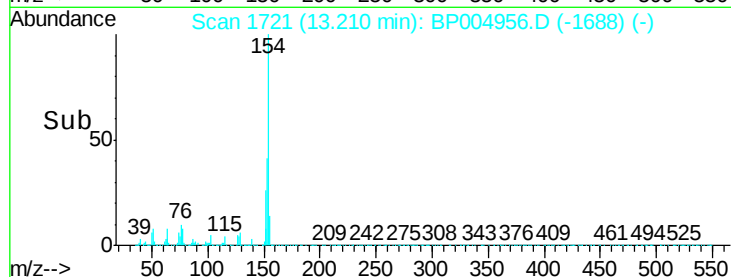
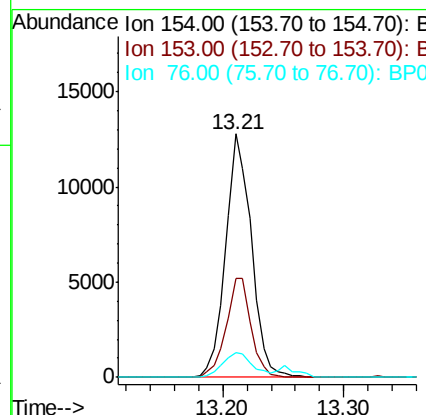
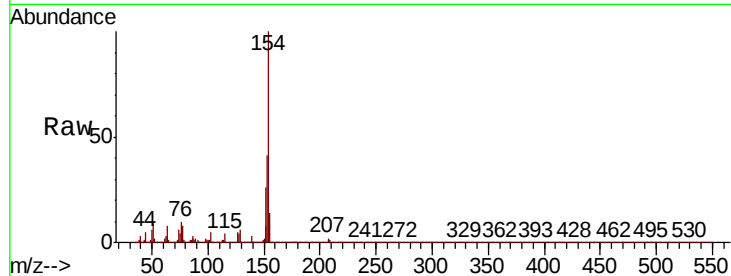
#41
1,1'-Biphenyl
Concen: 3.454 ng/ul
RT: 13.21 min Scan# 1721
Delta R.T. -0.01 min
Lab File: BP004956.D
Acq: 09 Mar 2021 23:14

Instrument :
BNA_P
ClientSampleId :
MDL-ME-SOIL-06

Tot Ion:	154	Resp:	18825
Ion Ratio	Lower	Upper	
154	100		
153	40.8	32.4	48.6
76	10.2	9.8	14.8

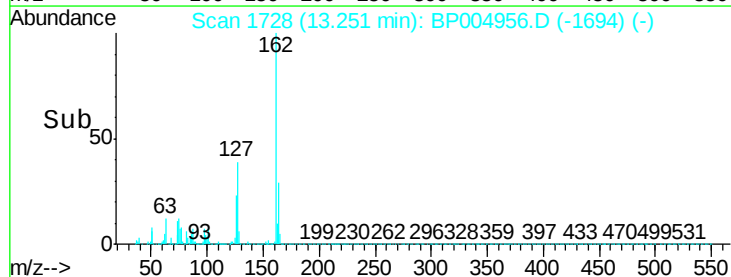
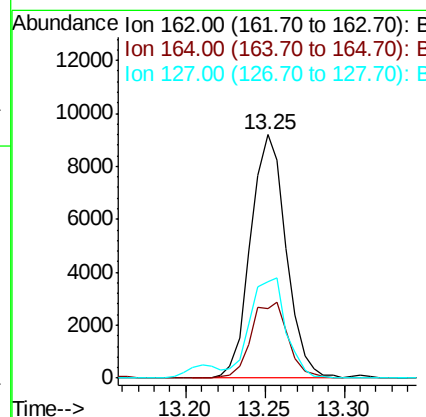
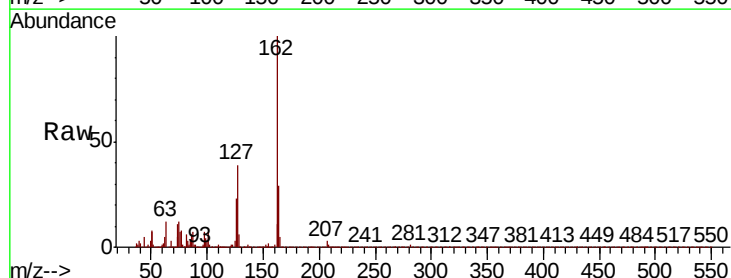
Manual Integrations
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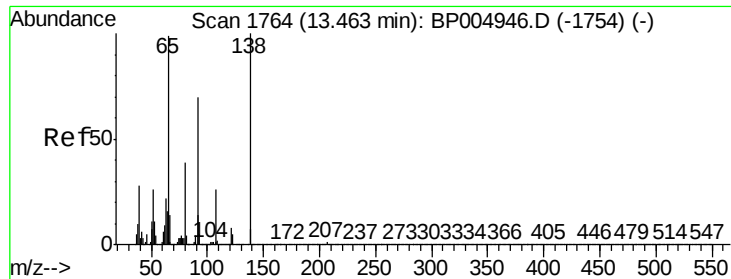
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#42
2-Chloronaphthalene
Concen: 3.356 ng/ul
RT: 13.25 min Scan# 1728
Delta R.T. 0.00 min
Lab File: BP004956.D
Acq: 09 Mar 2021 23:14

Tgt Ion:	162	Resp:	14336
Ion Ratio	Lower	Upper	
162	100		
164	28.6	28.1	42.1
127	39.4	32.6	49.0





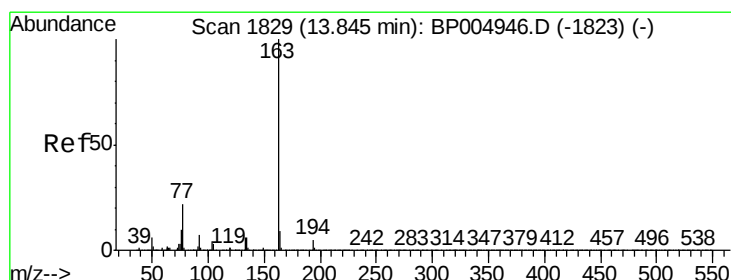
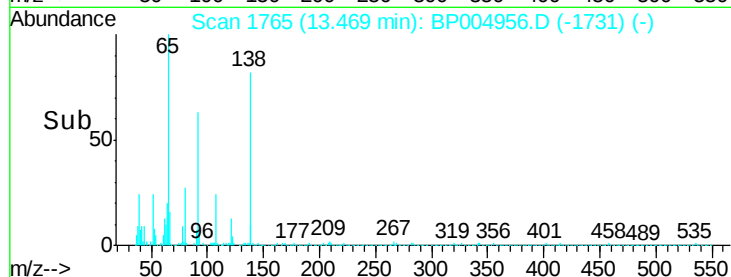
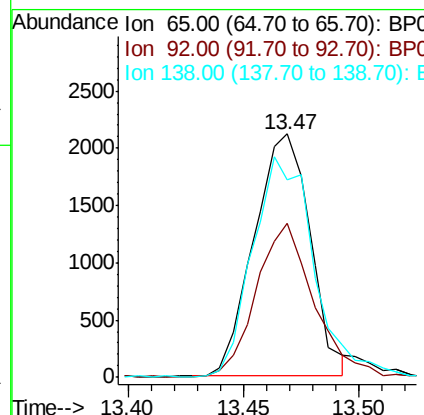
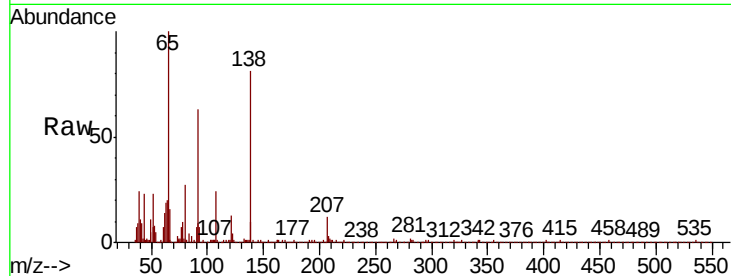
#43
2-Nitroaniline
Concen: 2.890 ng/ul
RT: 13.47 min Scan# 1765
Delta R.T. 0.00 min
Lab File: BP004956.D
Acq: 09 Mar 2021 23:14

Instrument :
BNA_P
ClientSampleId :
MDL-ME-SOIL-06

Tot Ion	Ratio	Lower	Upper
65	100		
92	63.0	56.1	84.1
138	80.9	80.3	120.5

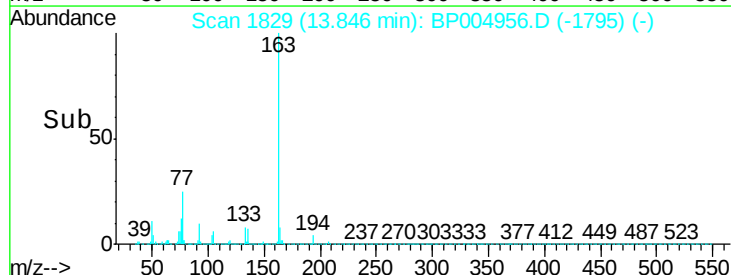
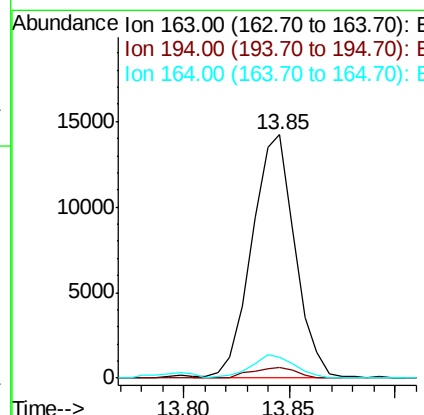
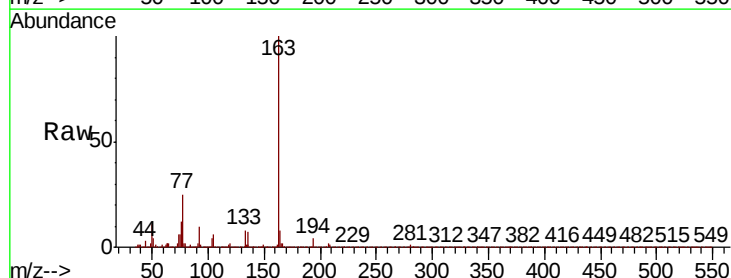
Manual Integrations
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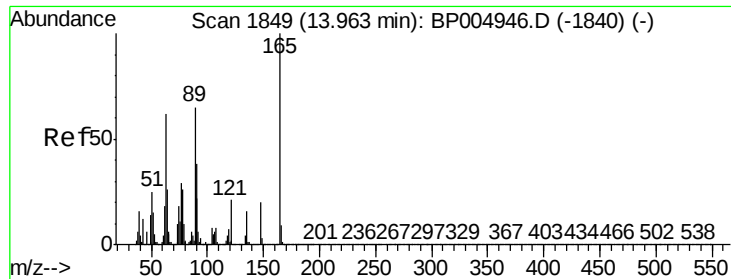
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#45
Dimethylphthalate
Concen: 3.603 ng/ul
RT: 13.85 min Scan# 1829
Delta R.T. 0.00 min
Lab File: BP004956.D
Acq: 09 Mar 2021 23:14

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.8	5.6
164	8.4	7.8	11.6





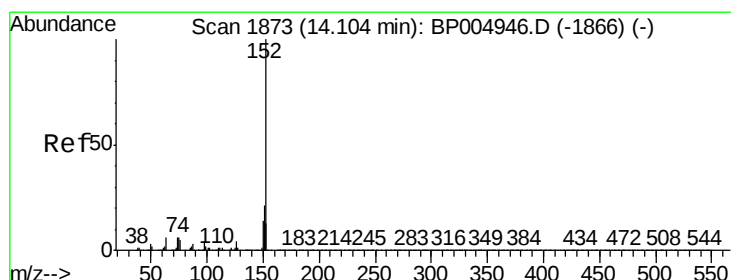
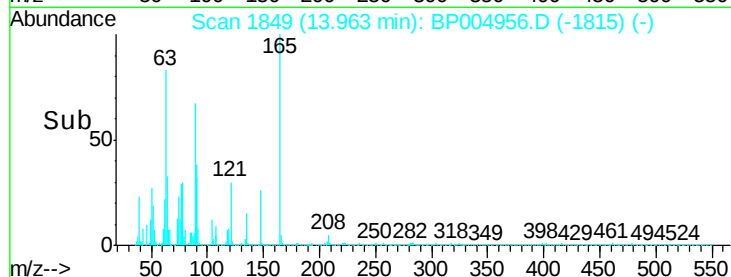
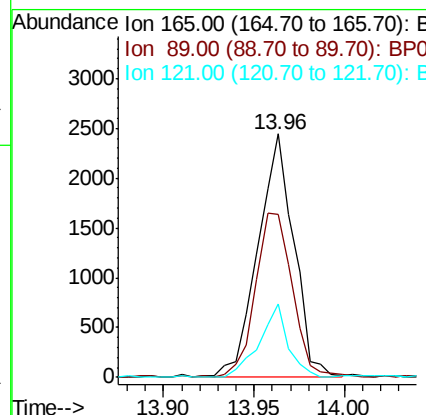
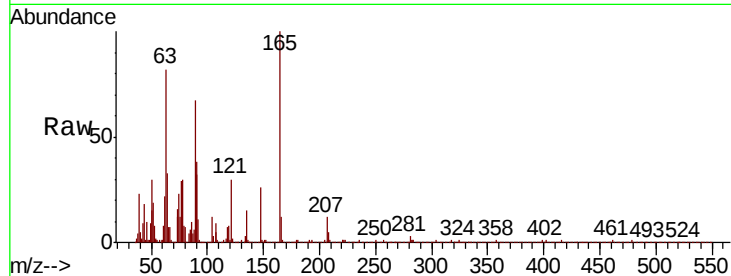
#46
 2,6-Dinitrotoluene
 Concen: 3.011 ng/ul
 RT: 13.96 min Scan# 1849
 Delta R.T. 0.00 min
 Lab File: BP004956.D
 Acq: 09 Mar 2021 23:14

Instrument :
 BNA_P
 ClientSampleId :
 MDL-ME-SOIL-06

Tot Ion	Ratio	Lower	Upper
165	100		
89	66.9	56.0	84.0
121	30.2	18.7	28.1

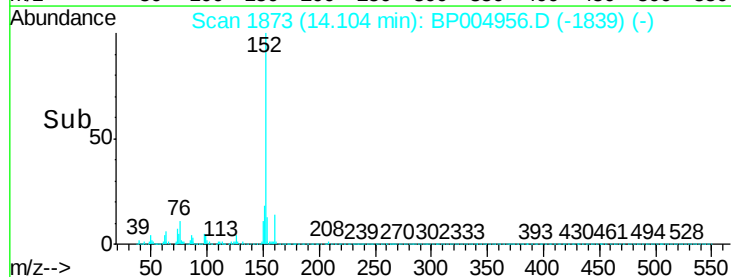
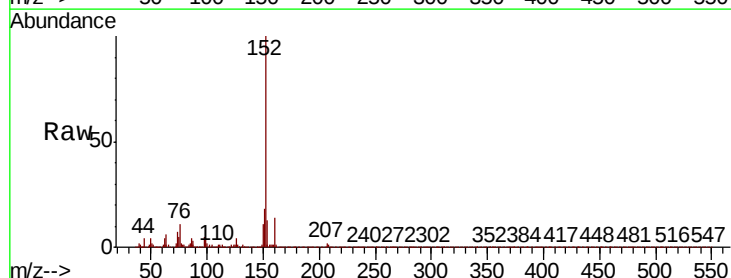
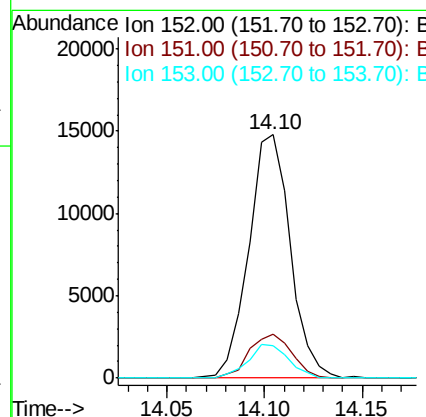
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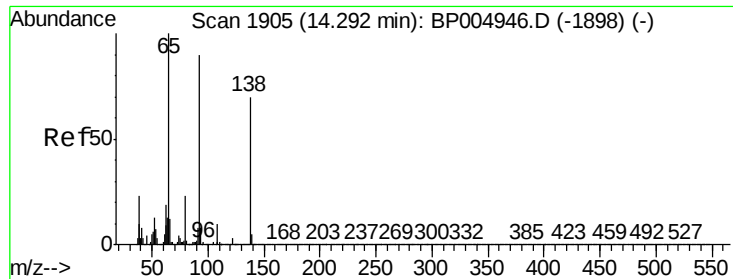
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#48
 Acenaphthylene
 Concen: 3.476 ng/ul
 RT: 14.10 min Scan# 1873
 Delta R.T. 0.00 min
 Lab File: BP004956.D
 Acq: 09 Mar 2021 23:14

Tgt Ion	Ratio	Lower	Upper
152	100		
151	18.1	16.4	24.6
153	13.5	10.0	15.0





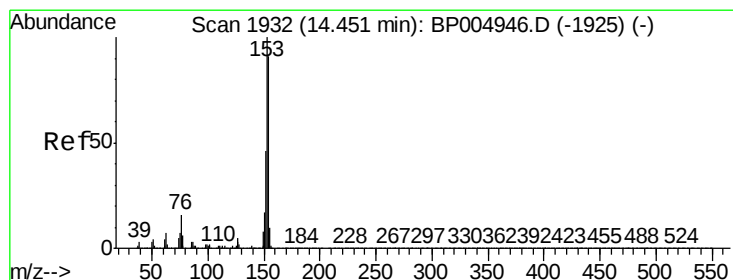
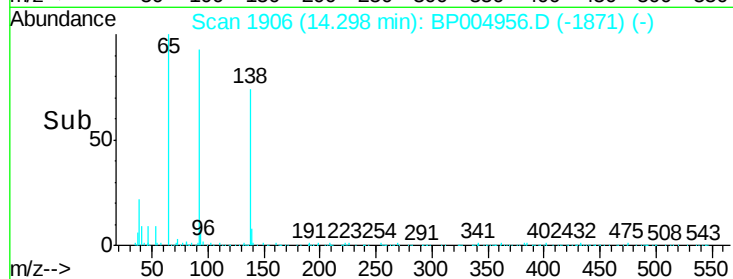
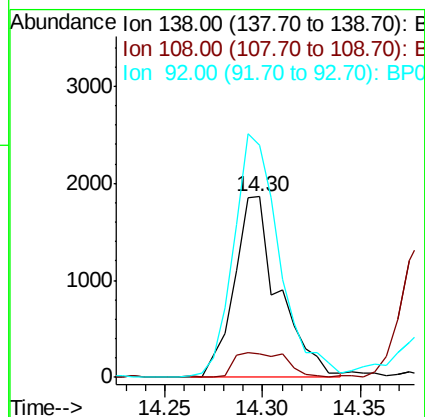
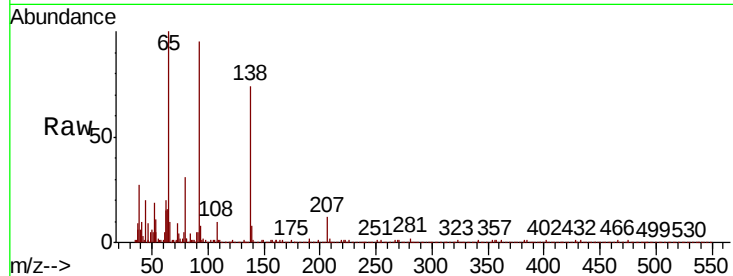
#49
3-Nitroaniline
Concen: 2.977 ng/ul
RT: 14.30 min Scan# 1906
Delta R.T. 0.01 min
Lab File: BP004956.D
Acq: 09 Mar 2021 23:14

Instrument :
BNA_P
ClientSampleId :
MDL-ME-SOIL-06

Tot Ion	Ratio	Lower	Upper
138	100		
108	12.8	9.4	14.2
92	128.5	99.8	149.8

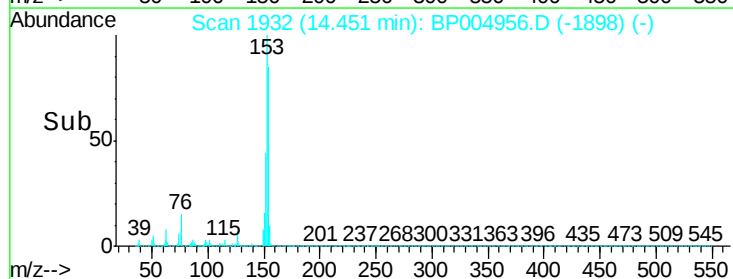
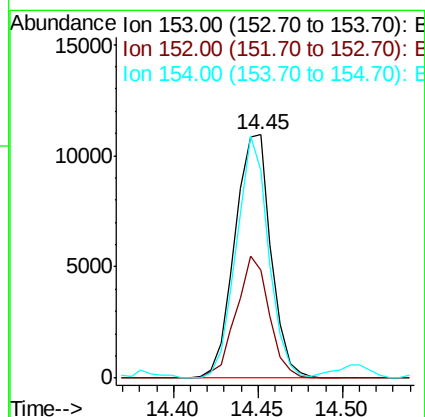
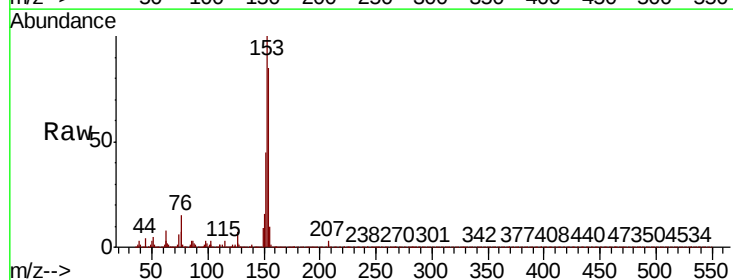
Manual Integrations
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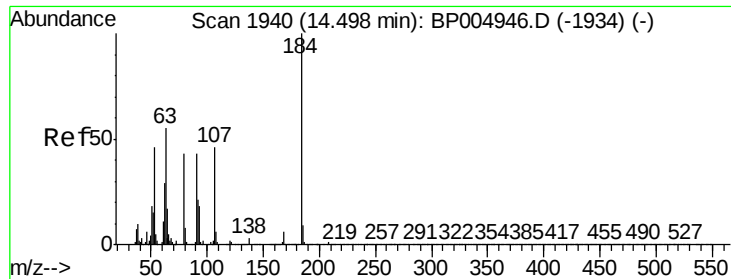
mohammad
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#50
Acenaphthene
Concen: 3.526 ng/ul
RT: 14.45 min Scan# 1932
Delta R.T. 0.00 min
Lab File: BP004956.D
Acq: 09 Mar 2021 23:14

Tgt Ion	Ratio	Lower	Upper
153	100		
152	44.5	38.8	58.2
154	85.4	71.8	107.6





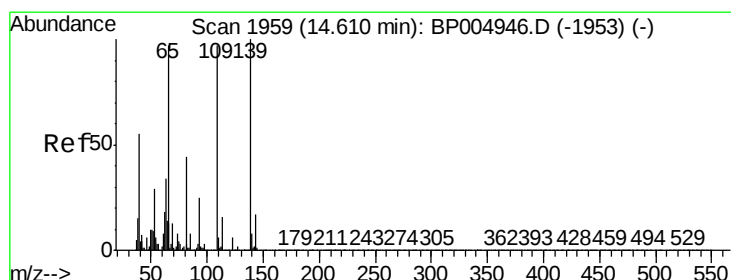
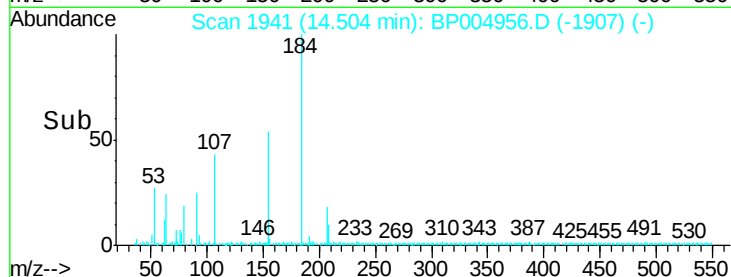
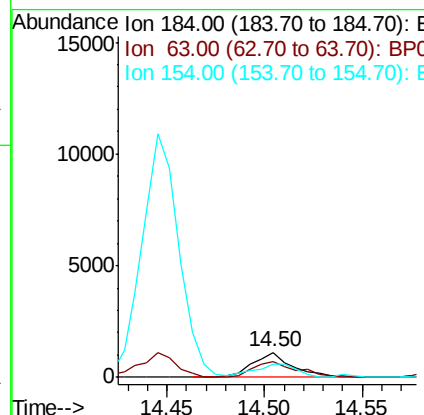
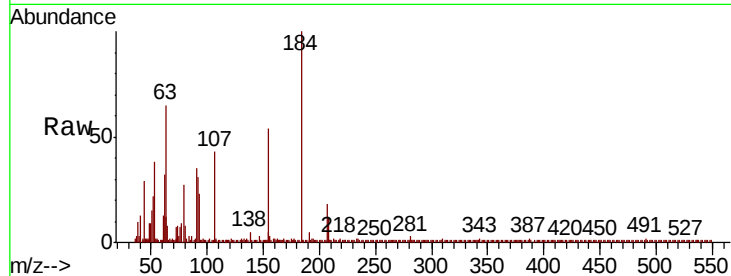
#51
2,4-Dinitrophenol
Concen: 2.102 ng/ul
RT: 14.50 min Scan# 1941
Delta R.T. 0.00 min
Lab File: BP004956.D
Acq: 09 Mar 2021 23:14

Instrument :
BNA_P
ClientSampleId :
MDL-ME-SOIL-06

Tot Ion	Ratio	Lower	Upper
184	100		
63	64.4	51.4	77.0
154	53.0	43.4	65.2

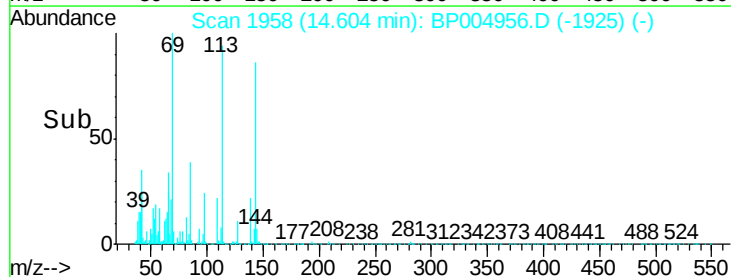
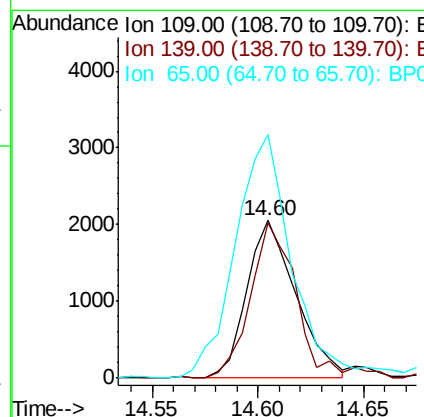
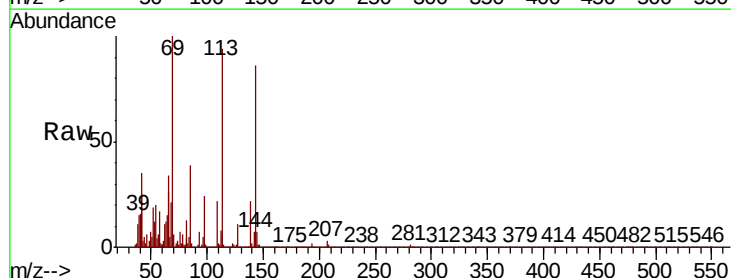
Manual Integrations
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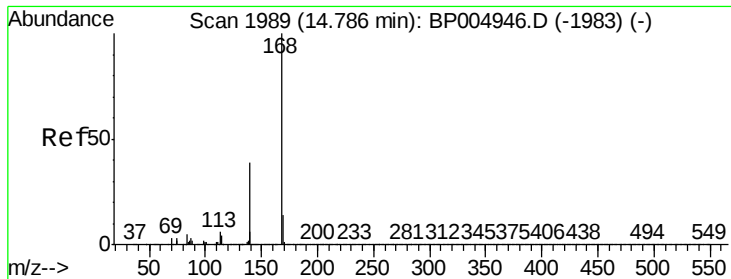
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#53
4-Nitrophenol
Concen: 3.180 ng/ul
RT: 14.60 min Scan# 1958
Delta R.T. -0.01 min
Lab File: BP004956.D
Acq: 09 Mar 2021 23:14

Tgt Ion	Ratio	Lower	Upper
109	100		
139	98.5	69.7	104.5
65	154.4	79.2	118.8#





#54

Dibenzofuran

Concen: 3.255 ng/ul

RT: 14.79 min Scan# 1989

Delta R.T. 0.00 min

Lab File: BP004956.D

Acq: 09 Mar 2021 23:14

Instrument :

BNA_P

ClientSampleId :

MDL-ME-SOIL-06

Tot Ion:168 Resp: 21922

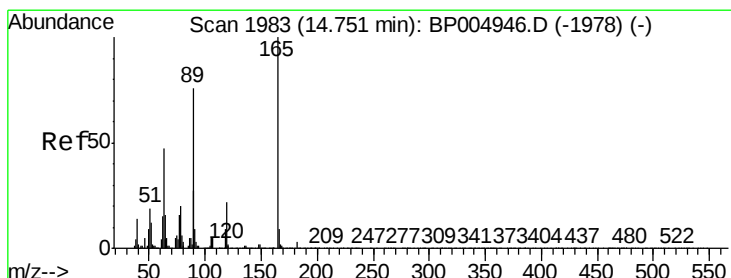
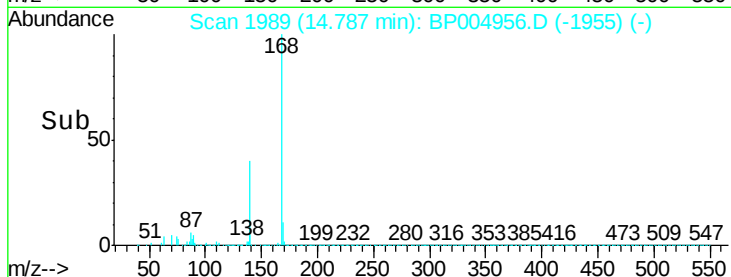
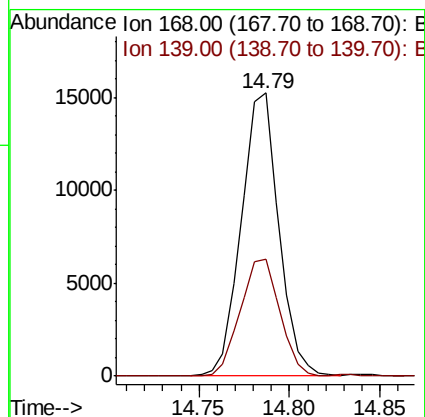
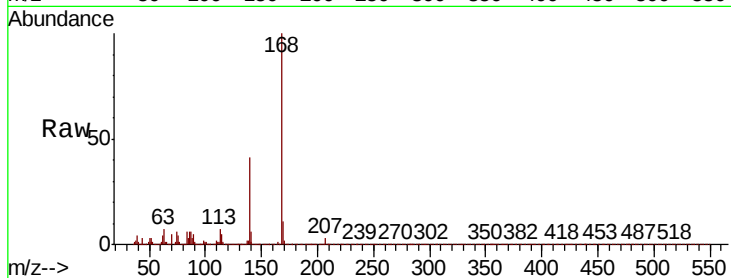
Ion Ratio Lower Upper

168 100

139 41.4 31.6 47.4

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#55

2,4-Dinitrotoluene

Concen: 3.149 ng/ul

RT: 14.75 min Scan# 1983

Delta R.T. -0.01 min

Lab File: BP004956.D

Acq: 09 Mar 2021 23:14

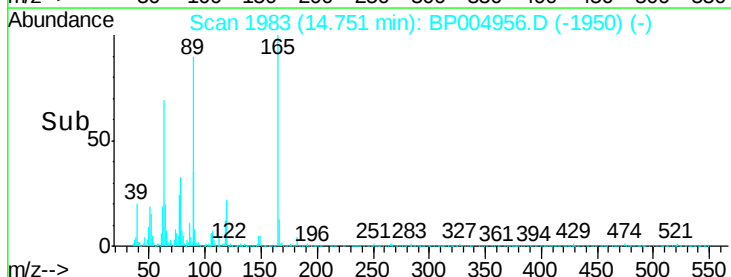
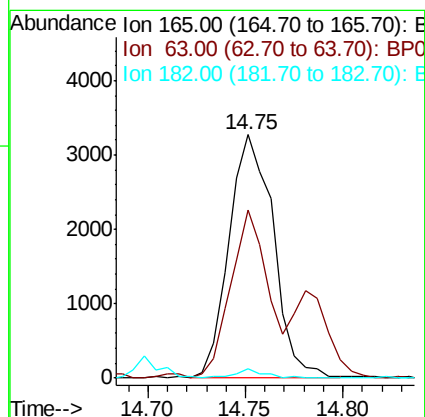
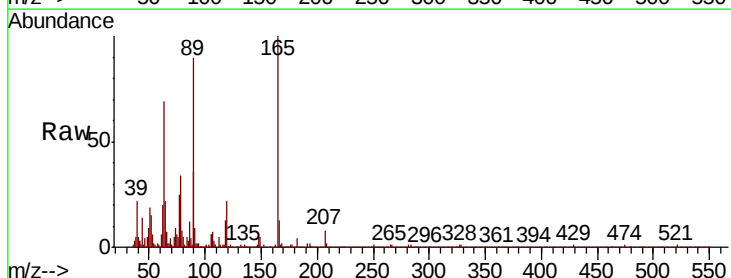
Tgt Ion:165 Resp: 5111

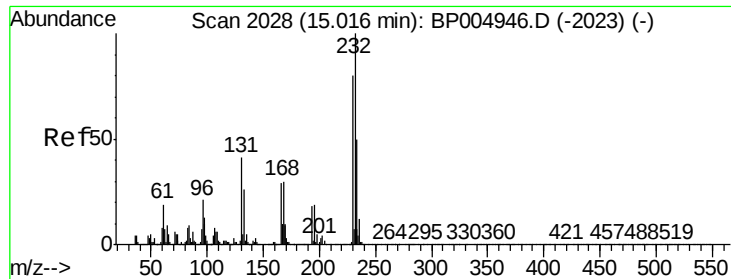
Ion Ratio Lower Upper

165 100

63 69.0 38.4 57.6#

182 3.8 2.2 3.2#





#56

2,3,4,6-Tetrachlorophenol

Concen: 3.025 ng/ul

RT: 15.02 min Scan# 2028

Delta R.T. 0.00 min

Lab File: BP004956.D

Acq: 09 Mar 2021 23:14

Instrument :

BNA_P

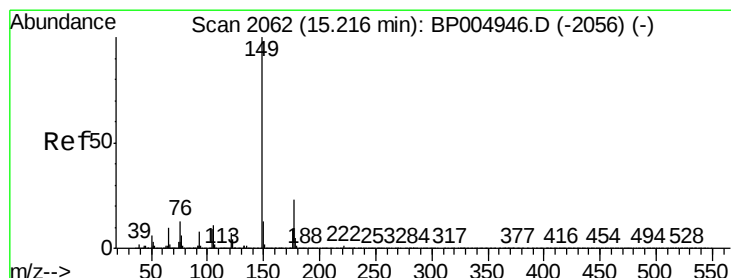
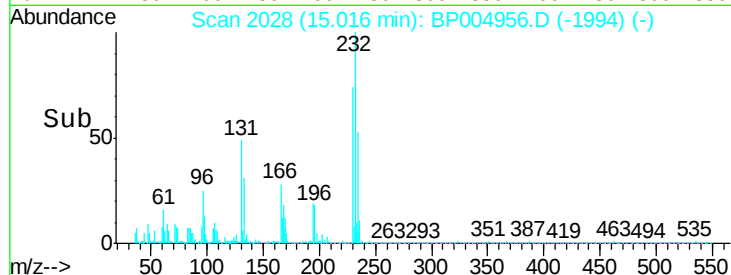
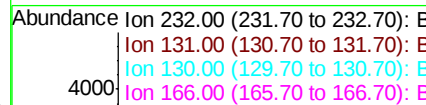
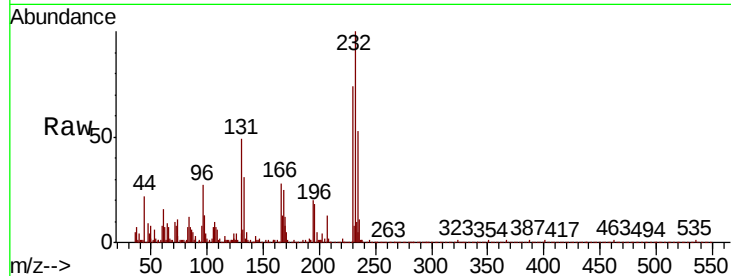
ClientSampleId :

MDL-ME-SOIL-06

Tot Ion:	232	Resp:	4588
Ion Ratio	Lower	Upper	
232	100		
131	49.2	32.6	48.8#
130	3.8	3.1	4.7
166	28.2	23.5	35.3

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#57

Diethylphthalate

Concen: 3.393 ng/ul

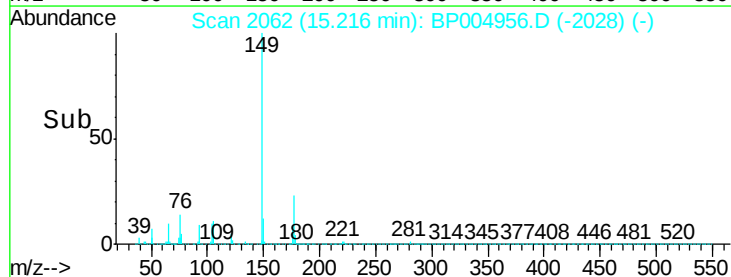
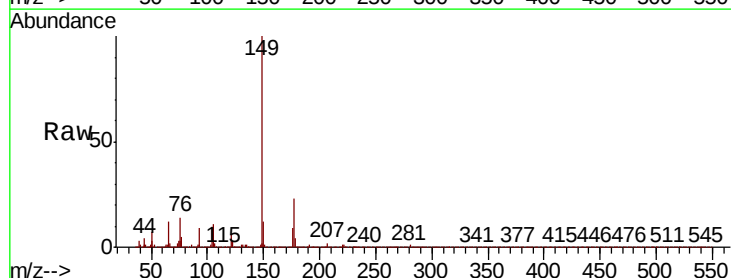
RT: 15.22 min Scan# 2062

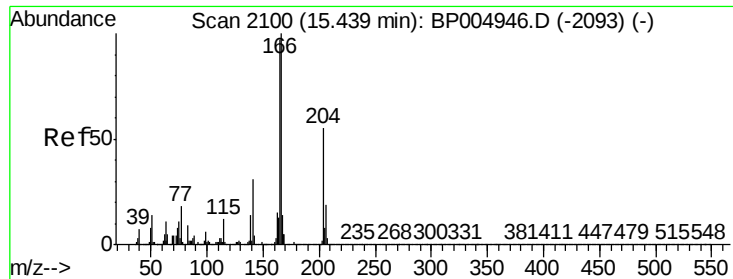
Delta R.T. 0.00 min

Lab File: BP004956.D

Acq: 09 Mar 2021 23:14

Tgt Ion:	149	Resp:	19371
Ion Ratio	Lower	Upper	
149	100		
177	23.5	17.3	25.9
150	12.1	9.8	14.8





#59

Fluorene

Concen: 3.342 ng/ul

RT: 15.43 min Scan# 2099

Delta R.T. -0.01 min

Lab File: BP004956.D

Acq: 09 Mar 2021 23:14

Instrument :

BNA_P

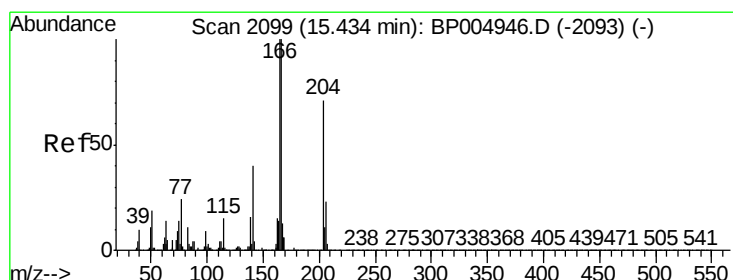
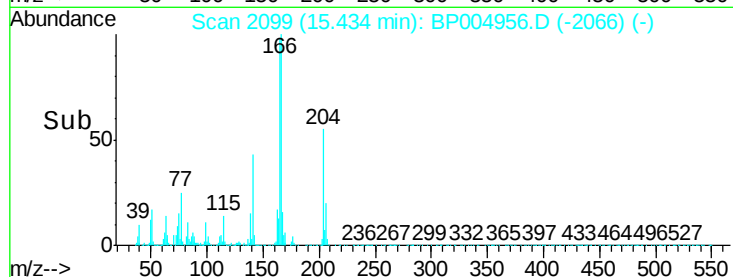
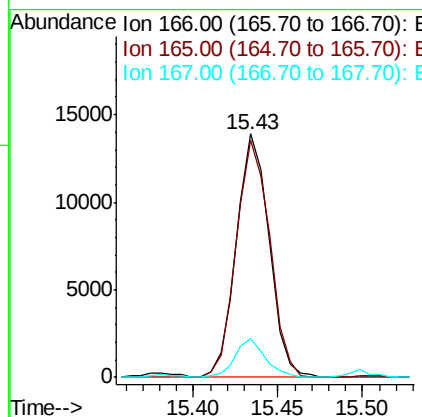
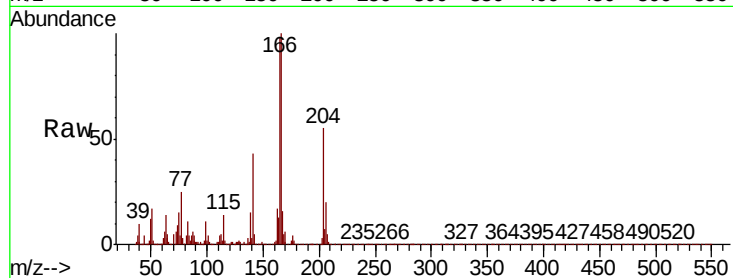
ClientSampleId :

MDL-ME-SOIL-06

Tot Ion:	166	Resp:	18804
Ion Ratio	Lower	Upper	
166	100		
165	97.6	76.4	114.6
167	16.1	11.4	17.0

Manual Integrations
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mohammad
3/10/2021 11:54:44 AM



#60

4-Chlorophenyl-phenylether

Concen: 3.353 ng/ul

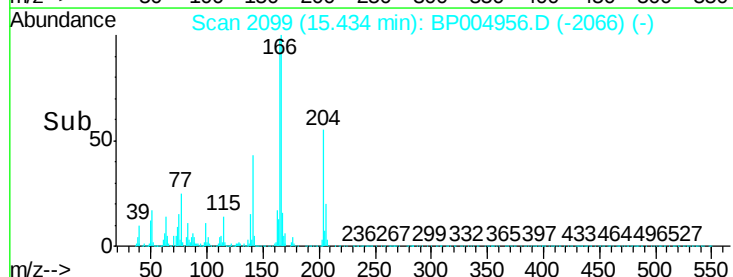
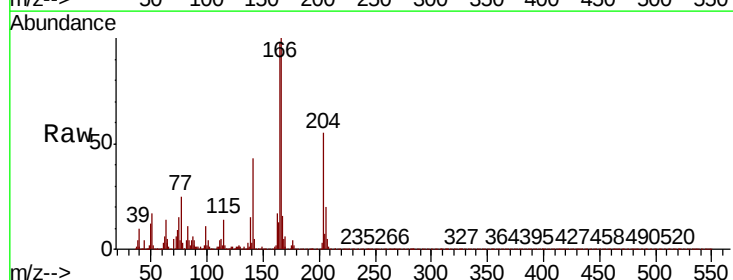
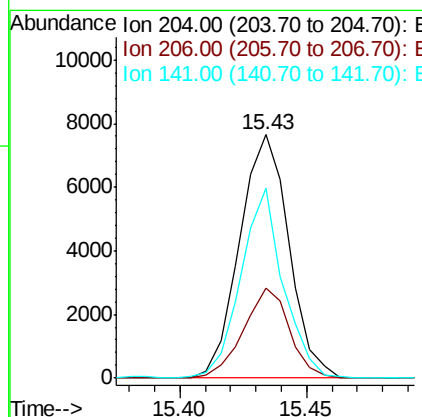
RT: 15.43 min Scan# 2099

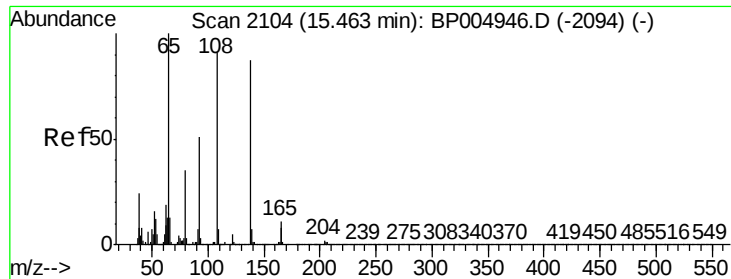
Delta R.T. -0.01 min

Lab File: BP004956.D

Acq: 09 Mar 2021 23:14

Tgt Ion:	204	Resp:	10372
Ion Ratio	Lower	Upper	
204	100		
206	36.9	24.6	37.0
141	78.2	46.8	70.2#





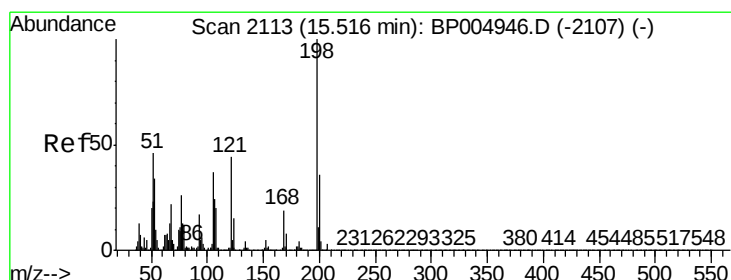
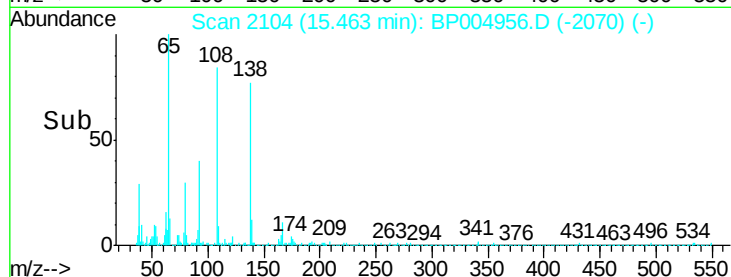
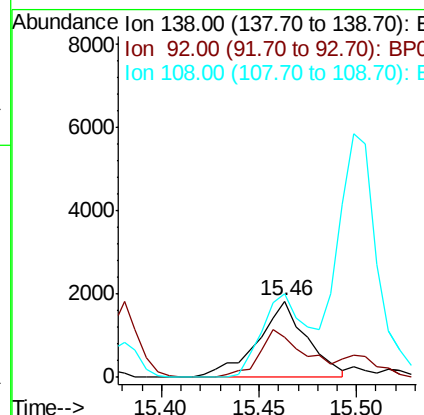
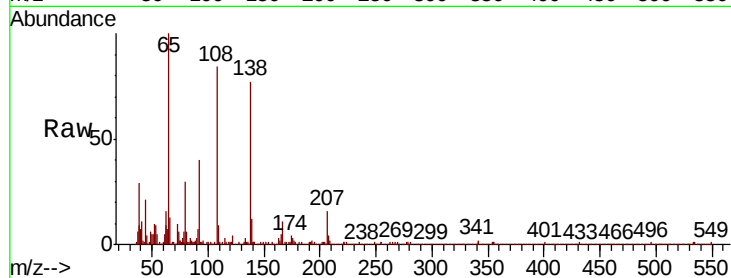
#61
4-Nitroaniline
Concen: 2.776 ng/ul
RT: 15.46 min Scan# 2104
Delta R.T. 0.00 min
Lab File: BP004956.D
Acq: 09 Mar 2021 23:14

Instrument :
BNA_P
ClientSampled :
MDL-ME-SOIL-06

Tot Ion	Ratio	Lower	Upper
138	100		
92	51.9	53.8	80.6#
108	109.1	99.4	149.0

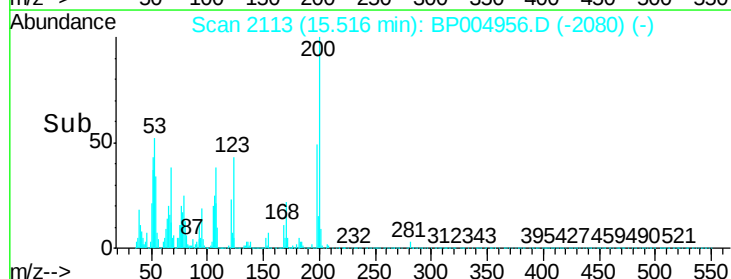
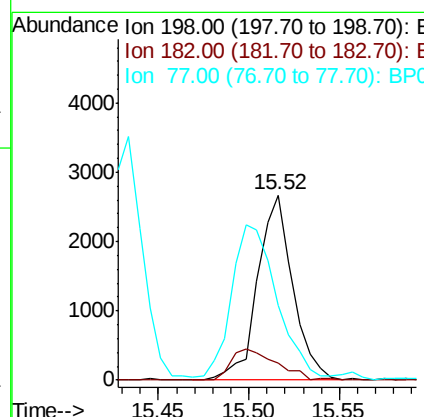
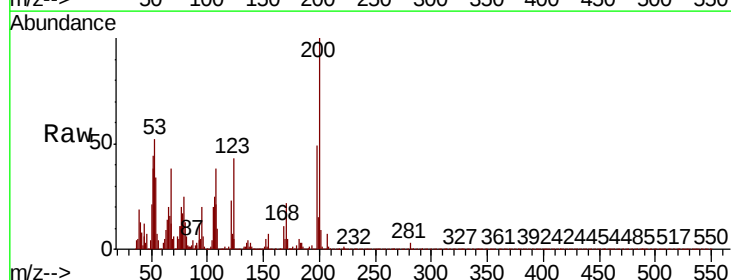
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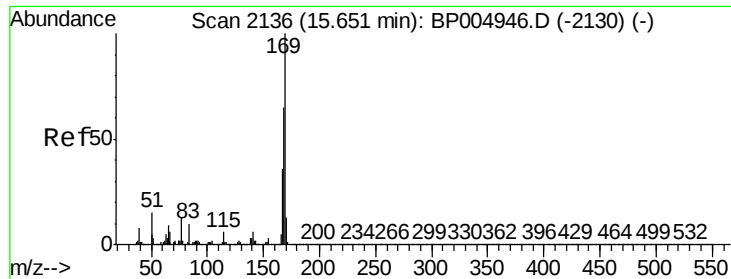
mohammad
3/10/2021 11:54:44 AM



#64
4,6-Dinitro-2-methylphenol
Concen: 3.275 ng/ul
RT: 15.52 min Scan# 2113
Delta R.T. -0.01 min
Lab File: BP004956.D
Acq: 09 Mar 2021 23:14

Tgt Ion	Ratio	Lower	Upper
198	100		
182	9.3	3.5	5.3#
77	40.5	23.3	34.9#





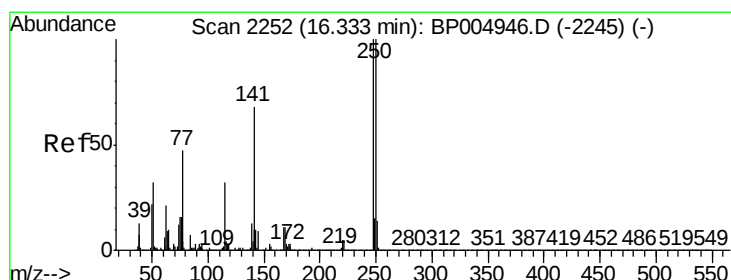
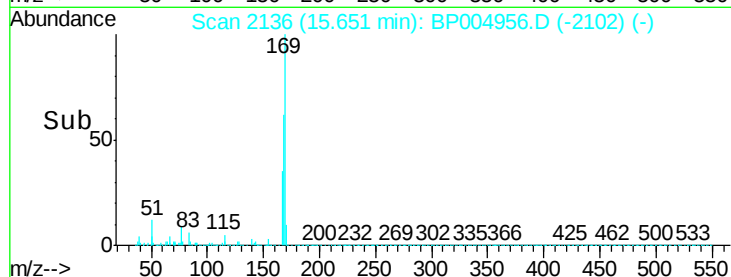
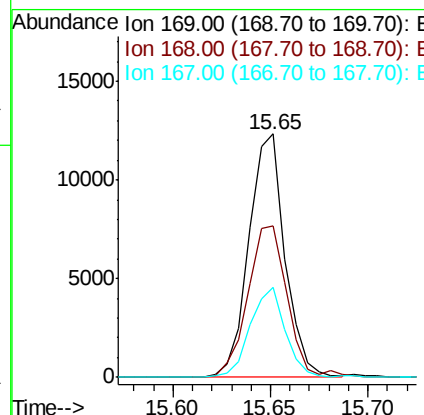
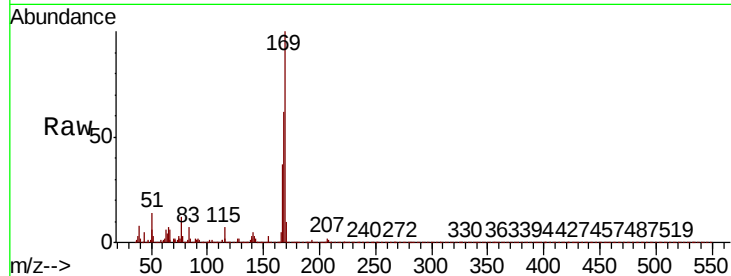
#65
N-Nitrosodiphenylamine
Concen: 3.343 ng/ul
RT: 15.65 min Scan# 2136
Delta R.T. 0.00 min
Lab File: BP004956.D
Acq: 09 Mar 2021 23:14

Instrument :
BNA_P
ClientSampleId :
MDL-ME-SOIL-06

Tot Ion	Ratio	Lower	Upper
169	100		
168	62.3	51.9	77.9
167	37.0	28.0	42.0

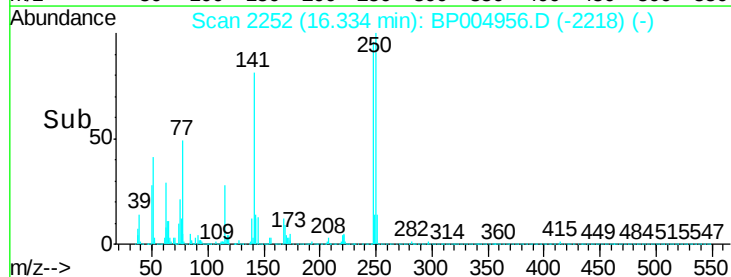
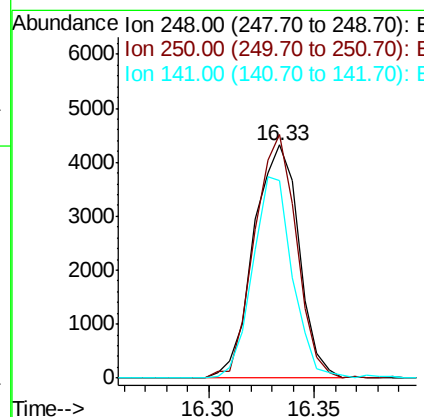
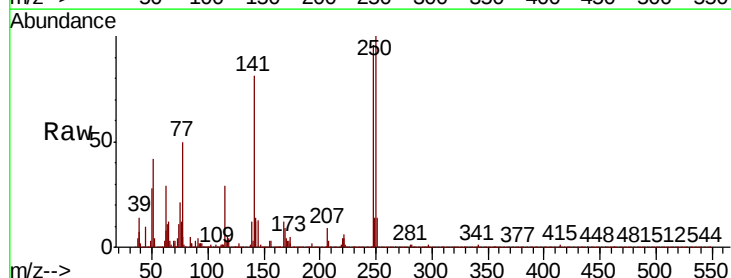
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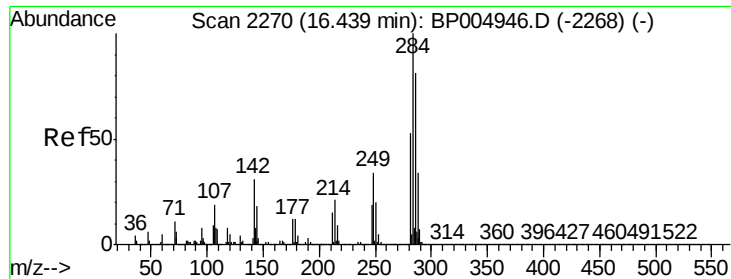
mohammad
3/10/2021 11:54:44 AM



#66
4-Bromophenyl-phenylether
Concen: 3.453 ng/ul
RT: 16.33 min Scan# 2252
Delta R.T. 0.00 min
Lab File: BP004956.D
Acq: 09 Mar 2021 23:14

Tgt Ion	Ratio	Lower	Upper
248	100		
250	104.4	77.6	116.4
141	84.9	63.6	95.4





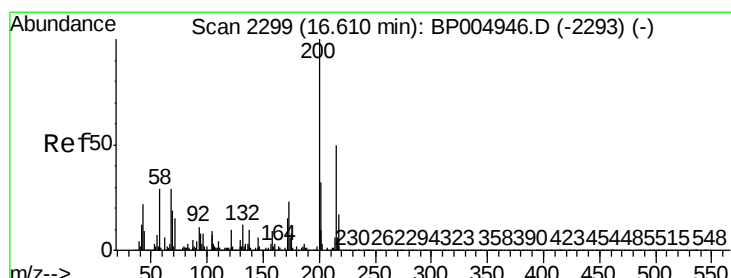
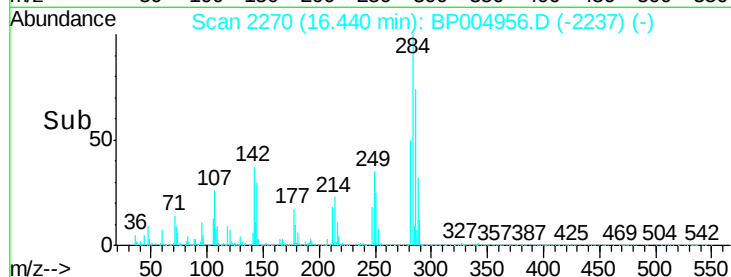
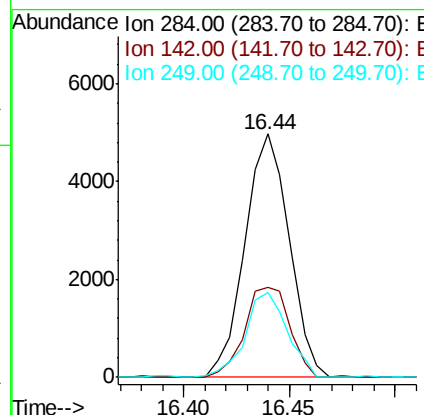
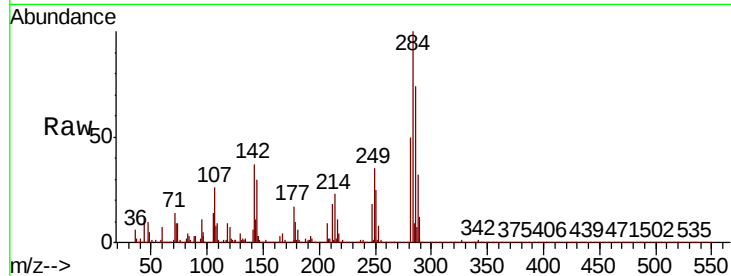
#67
Hexachlorobenzene
Concen: 3.428 ng/ul
RT: 16.44 min Scan# 2270
Delta R.T. -0.01 min
Lab File: BP004956.D
Acq: 09 Mar 2021 23:14

Instrument :
BNA_P
ClientSampleId :
MDL-ME-SOIL-06

Tot Ion:	284	Resp:	7211
Ion Ratio	Lower	Upper	
284	100		
142	37.2	27.1	40.7
249	38.2	28.3	42.5

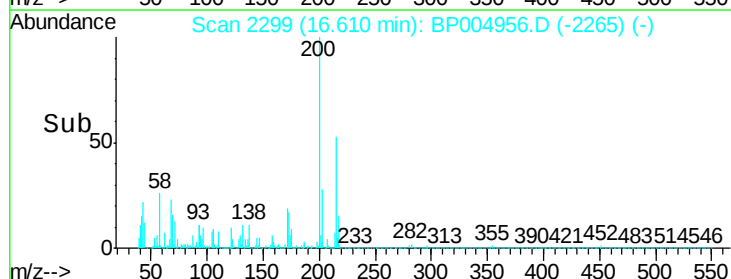
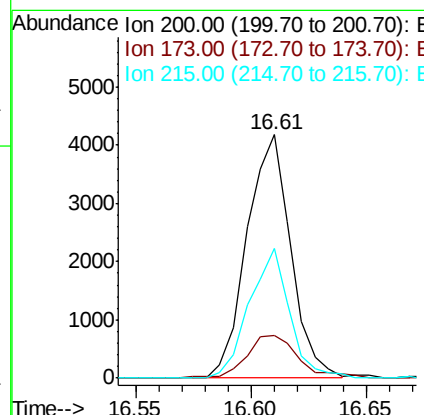
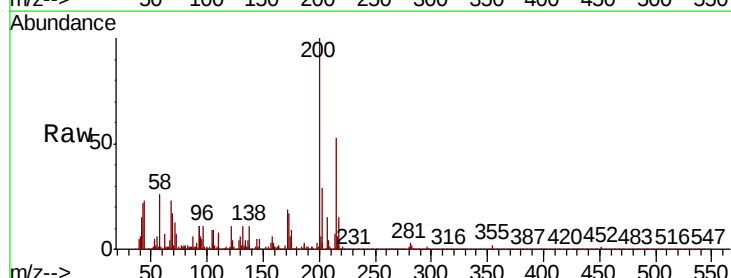
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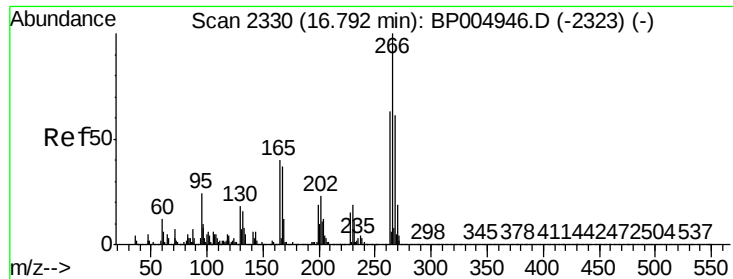
mohammad
3/10/2021 11:54:44 AM



#68
Atrazine
Concen: 2.906 ng/ul
RT: 16.61 min Scan# 2299
Delta R.T. 0.00 min
Lab File: BP004956.D
Acq: 09 Mar 2021 23:14

Tgt Ion:	200	Resp:	5542
Ion Ratio	Lower	Upper	
200	100		
173	17.3	20.7	31.1#
215	53.3	38.8	58.2





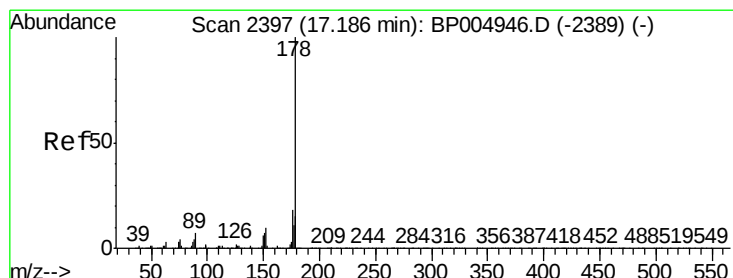
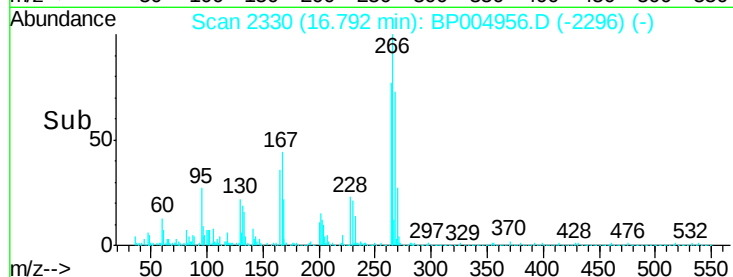
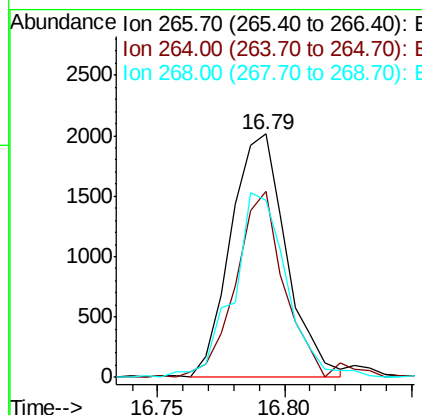
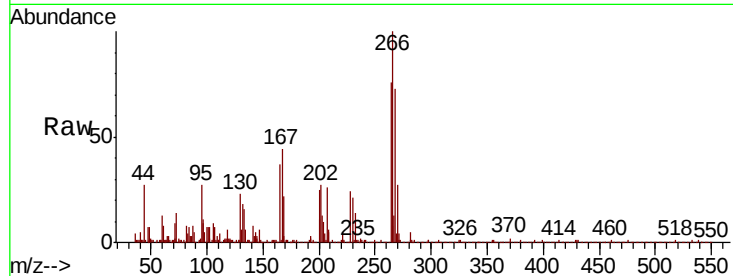
#69
 Pentachlorophenol
 Concen: 2.307 ng/ul
 RT: 16.79 min Scan# 2330
 Delta R.T. 0.00 min
 Lab File: BP004956.D
 Acq: 09 Mar 2021 23:14

Instrument :
 BNA_P
 ClientSampleId :
 MDL-ME-SOIL-06

Tot Ion:	266	Resp:	3070
Ion Ratio	Lower	Upper	
266	100		
264	76.4	55.8	83.6
268	72.8	52.1	78.1

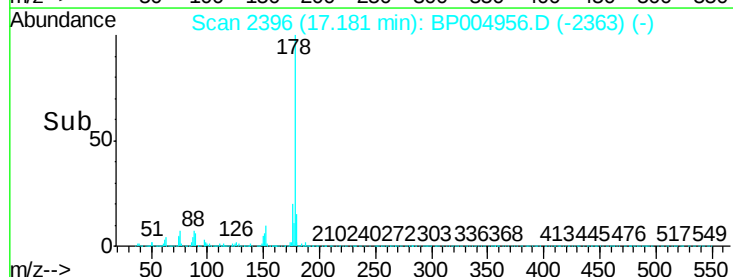
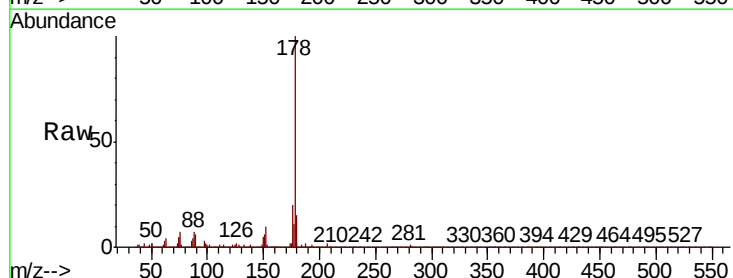
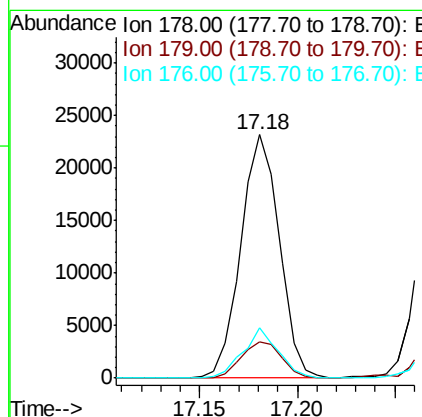
Manual Integrations
 APPROVED

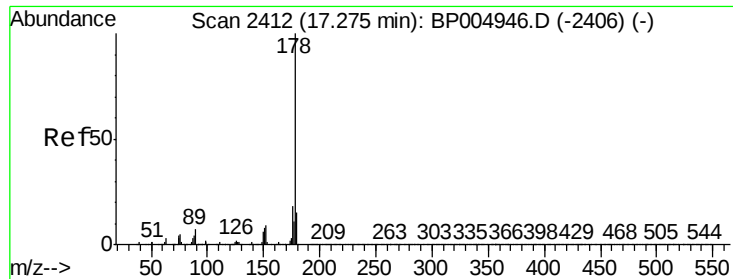
mohammad
 3/10/2021 11:54:44 AM



#70
 Phenanthrene
 Concen: 3.537 ng/ul
 RT: 17.18 min Scan# 2396
 Delta R.T. -0.01 min
 Lab File: BP004956.D
 Acq: 09 Mar 2021 23:14

Tgt Ion:	178	Resp:	31796
Ion Ratio	Lower	Upper	
178	100		
179	15.0	11.4	17.0
176	20.4	15.0	22.6





#72

Anthracene

Concen: 3.445 ng/ul

RT: 17.27 min Scan# 2412

Delta R.T. 0.00 min

Lab File: BP004956.D

Acq: 09 Mar 2021 23:14

Instrument :

BNA_P

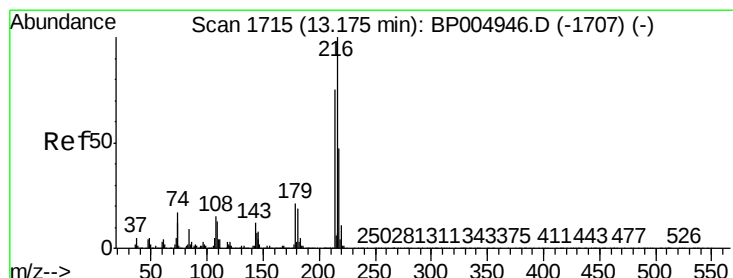
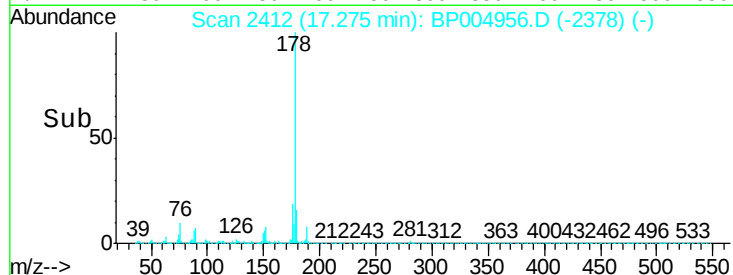
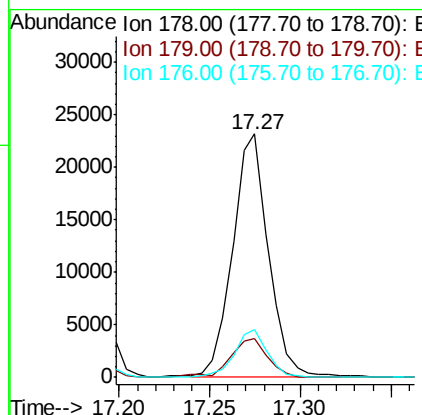
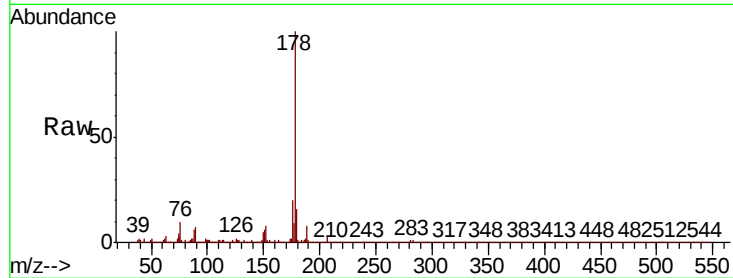
ClientSampleId :

MDL-ME-SOIL-06

Tot Ion:	178	Resp:	31774
Ion Ratio	Lower	Upper	
178	100		
179	15.9	12.4	18.6
176	19.5	14.7	22.1

Manual Integrations
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3/10/2021 11:54:44 AM



#73

1,2,3,4-Tetrachlorobenzene

Concen: 3.479 ng/uL

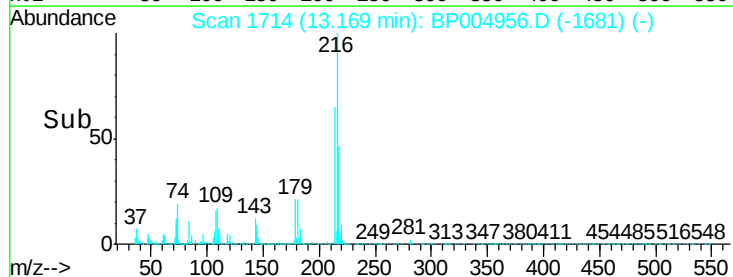
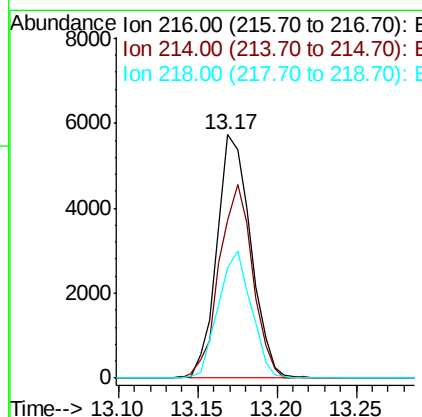
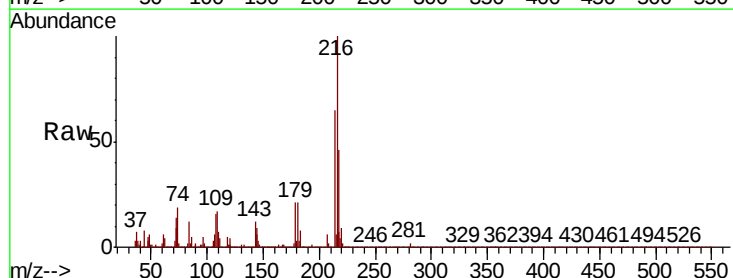
RT: 13.17 min Scan# 1714

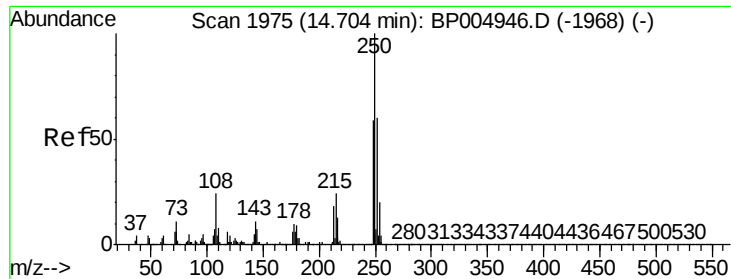
Delta R.T. -0.01 min

Lab File: BP004956.D

Acq: 09 Mar 2021 23:14

Tgt Ion:	216	Resp:	8523
Ion Ratio	Lower	Upper	
216	100		
214	64.7	62.4	93.6
218	45.5	39.6	59.4





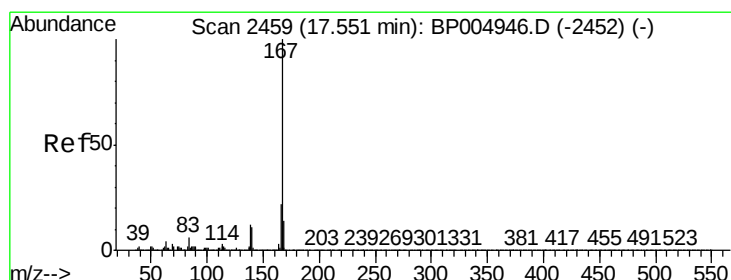
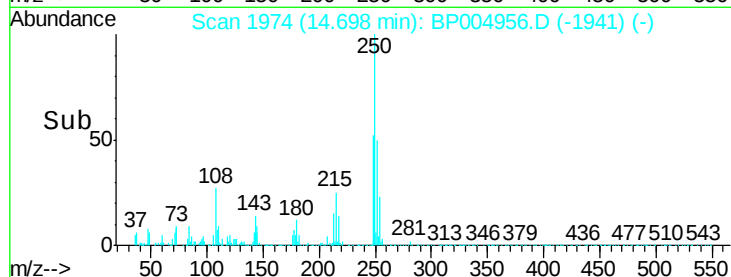
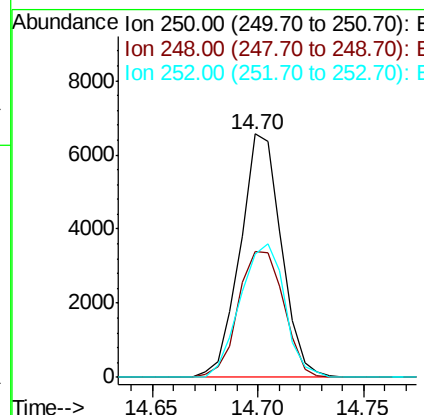
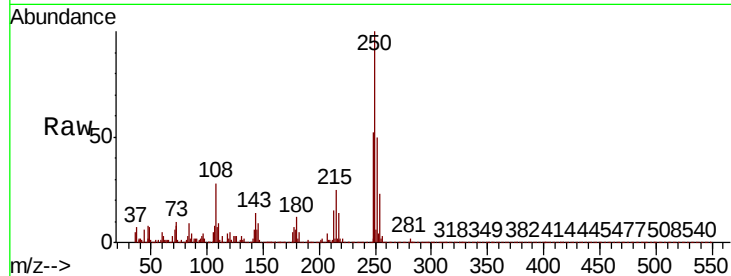
#74
Pentachlorobenzene
Concen: 3.562 ng/uL
RT: 14.70 min Scan# 1974
Delta R.T. -0.01 min
Lab File: BP004956.D
Acq: 09 Mar 2021 23:14

Instrument :
BNA_P
ClientSampleId :
MDL-ME-SOIL-06

Tot Ion	Ratio	Lower	Upper
250	100		
248	54.2	52.4	78.6
252	50.4	50.9	76.3

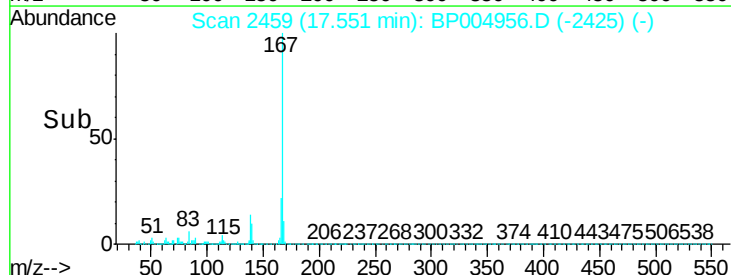
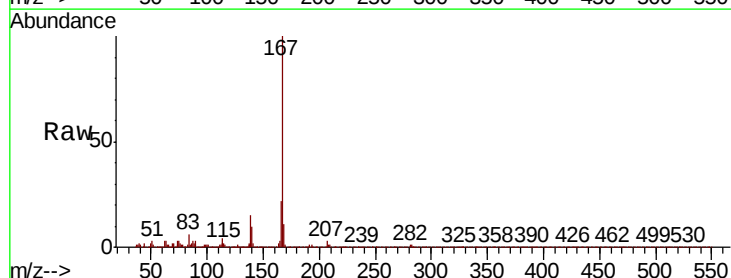
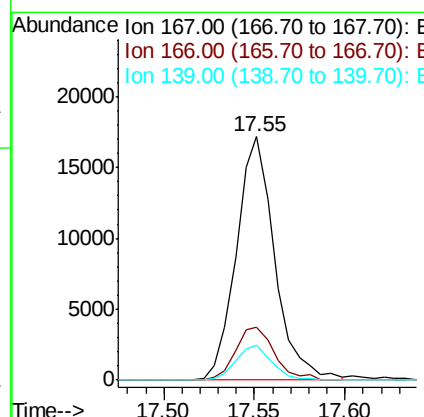
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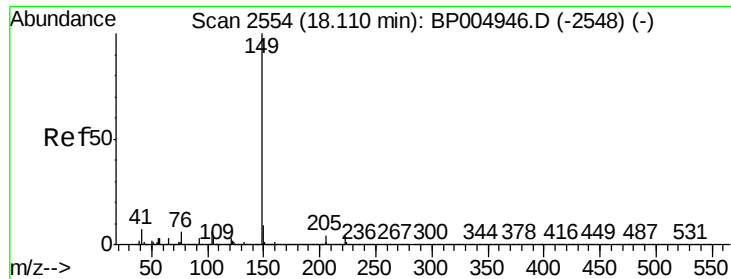
mohammad
3/10/2021 11:54:44 AM



#75
Carbazole
Concen: 3.174 ng/uL
RT: 17.55 min Scan# 2459
Delta R.T. 0.00 min
Lab File: BP004956.D
Acq: 09 Mar 2021 23:14

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.3	25.9
139	14.5	10.5	15.7





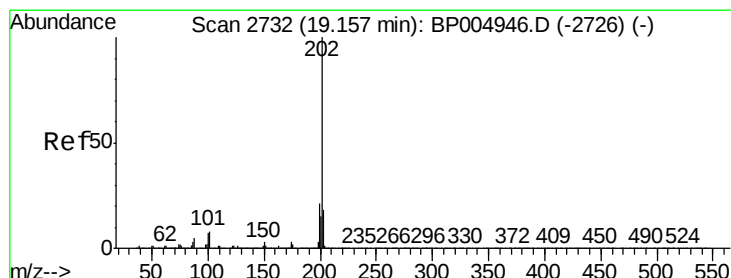
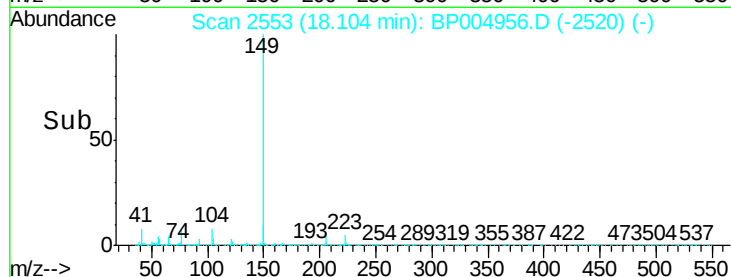
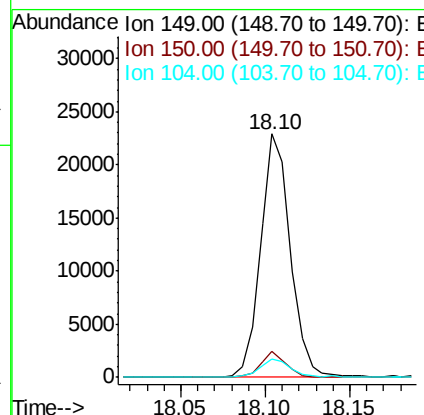
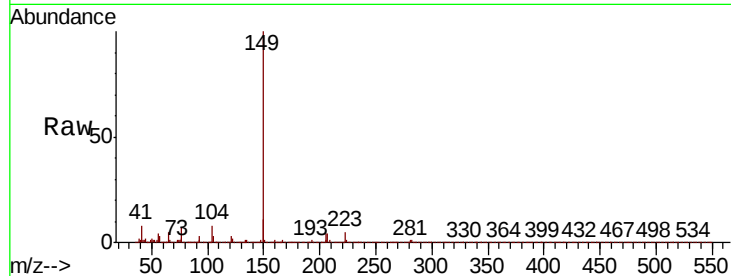
#76
Di-n-butylphthalate
Concen: 3.011 ng/ul
RT: 18.10 min Scan# 2553
Delta R.T. -0.01 min
Lab File: BP004956.D
Acq: 09 Mar 2021 23:14

Instrument :
BNA_P
ClientSampleId :
MDL-ME-SOIL-06

Tot Ion	Ratio	Lower	Upper
149	100		
150	10.5	7.8	11.8
104	7.6	5.3	7.9

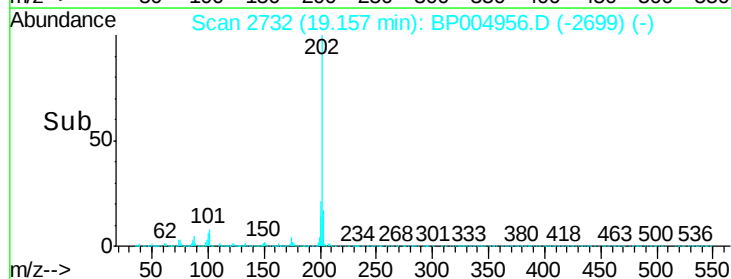
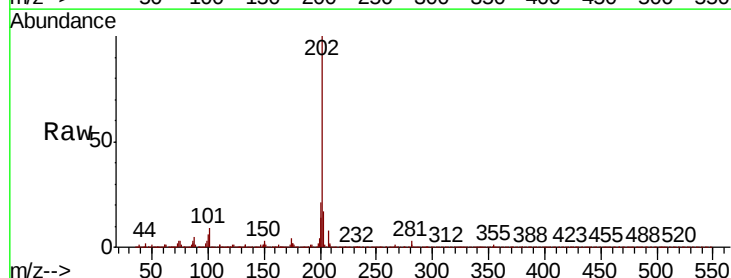
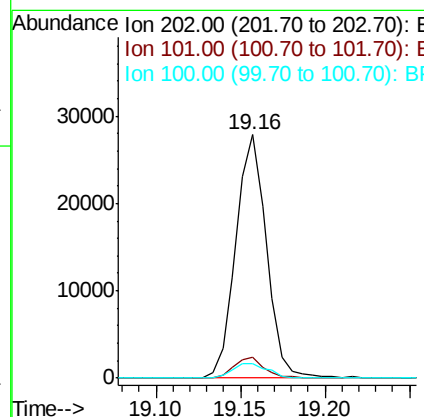
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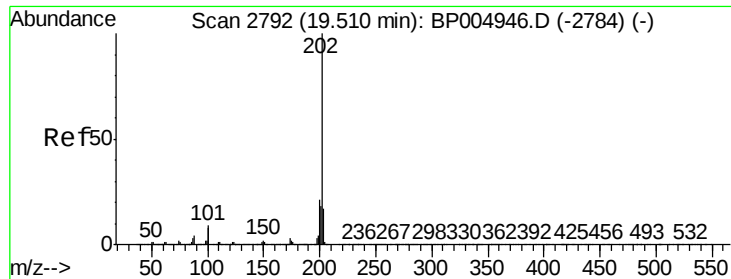
mohammad
3/10/2021 11:54:44 AM



#77
Fluoranthene
Concen: 3.213 ng/ul
RT: 19.16 min Scan# 2732
Delta R.T. -0.01 min
Lab File: BP004956.D
Acq: 09 Mar 2021 23:14

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.5	7.0	10.6
100	5.8	5.7	8.5





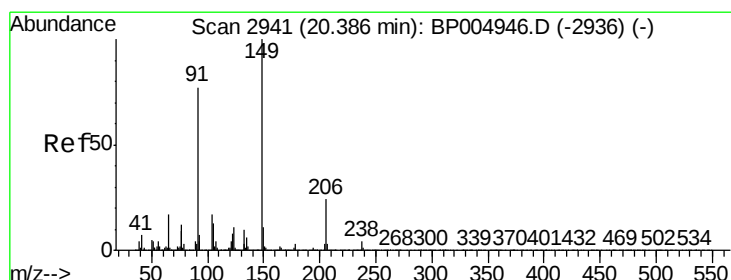
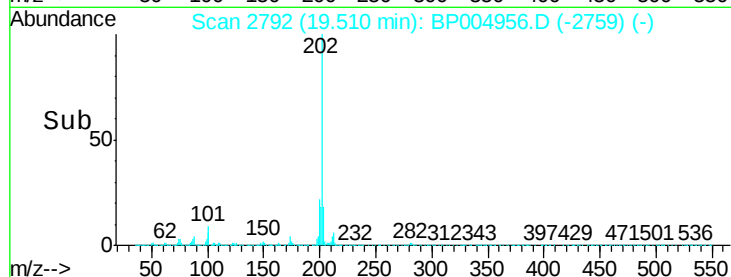
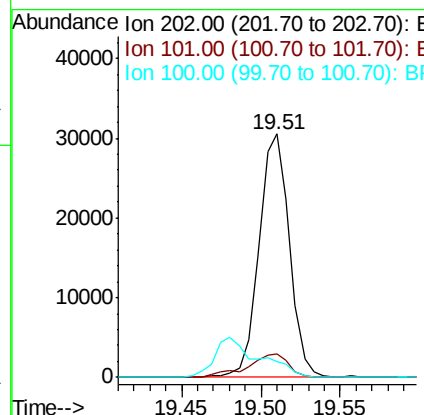
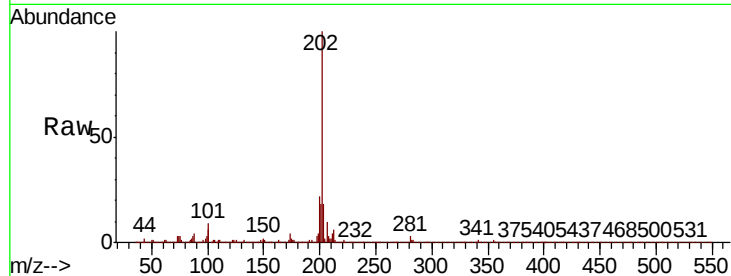
#80
Pvrene
Concen: 3.606 ng/ul
RT: 19.51 min Scan# 2792
Delta R.T. -0.01 min
Lab File: BP004956.D
Acq: 09 Mar 2021 23:14

Instrument :
BNA_P
ClientSampleId :
MDL-ME-SOIL-06

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	9.5	7.9	11.9
100	6.3	6.8	10.2

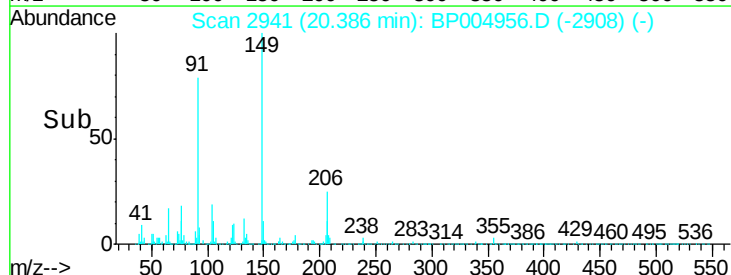
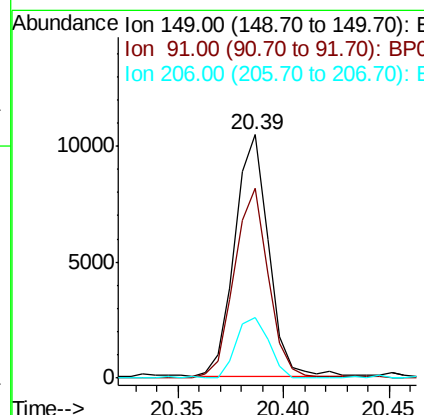
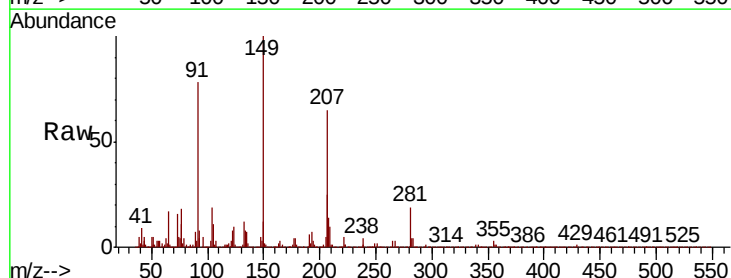
Manual Integrations
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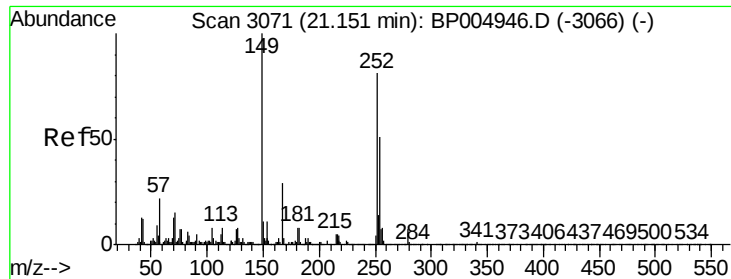
mohammad
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#81
Butylbenzylphthalate
Concen: 2.795 ng/ul
RT: 20.39 min Scan# 2941
Delta R.T. -0.01 min
Lab File: BP004956.D
Acq: 09 Mar 2021 23:14

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
91	78.2	59.4	89.2
206	24.7	19.0	28.6





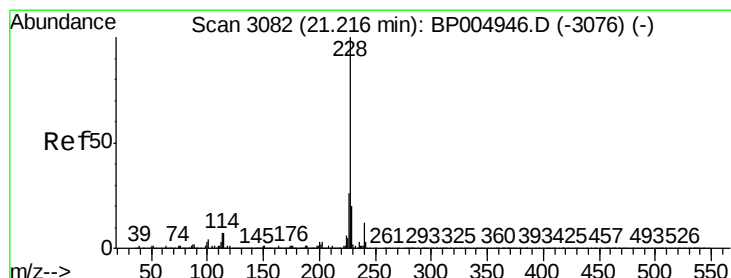
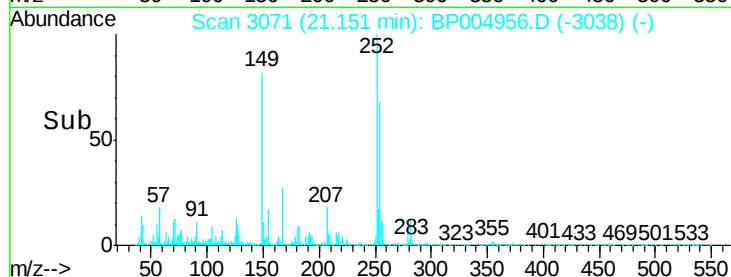
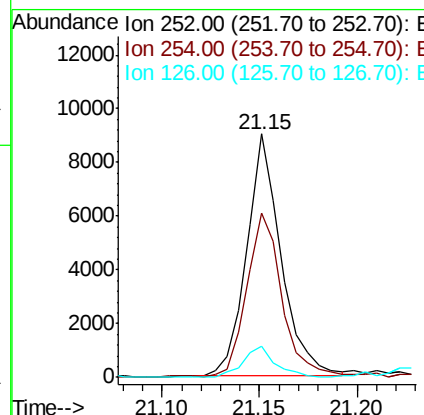
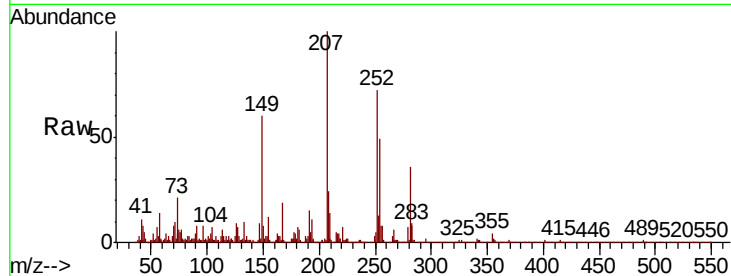
#82
 3,3'-Dichlorobenzidine
 Concen: 2.851 ng/ul
 RT: 21.15 min Scan# 3071
 Delta R.T. -0.01 min
 Lab File: BP004956.D
 Acq: 09 Mar 2021 23:14

Instrument :
 BNA_P
 ClientSampleId :
 MDL-ME-SOIL-06

Tot Ion	Ratio	Lower	Upper
252	100		
254	67.3	50.6	75.8
126	12.7	7.5	11.3

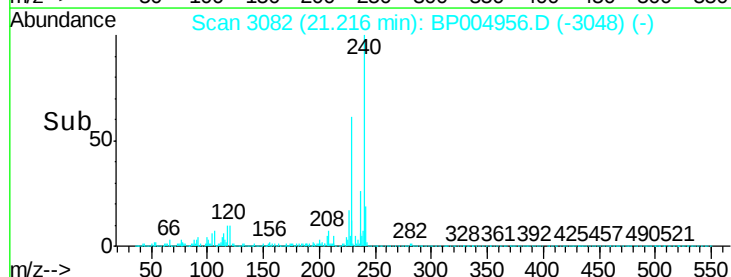
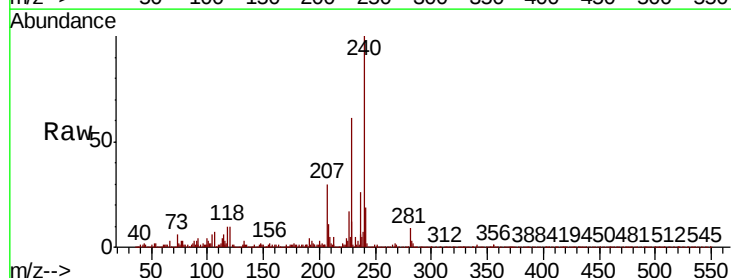
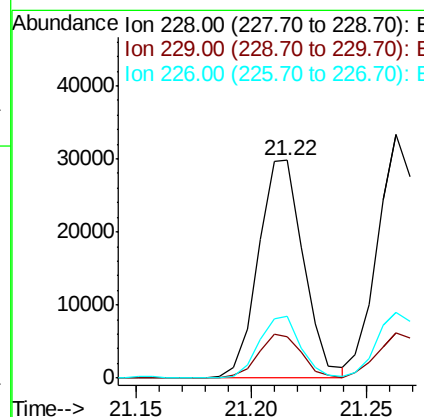
Manual Integrations
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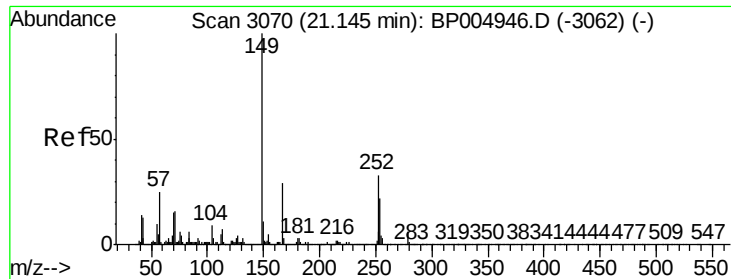
mohammad
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#83
 Benzo(a)anthracene
 Concen: 3.560 ng/ul
 RT: 21.22 min Scan# 3082
 Delta R.T. 0.00 min
 Lab File: BP004956.D
 Acq: 09 Mar 2021 23:14

Tgt Ion	Ratio	Lower	Upper
228	100		
229	19.0	15.0	22.4
226	28.4	21.2	31.8





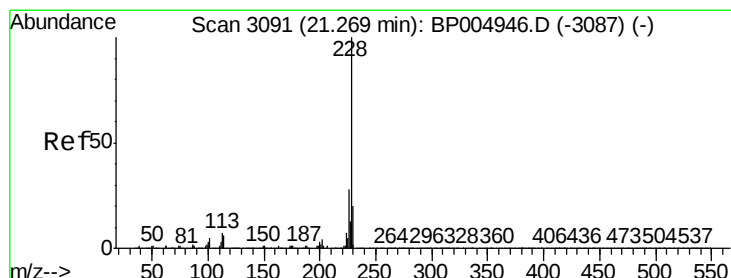
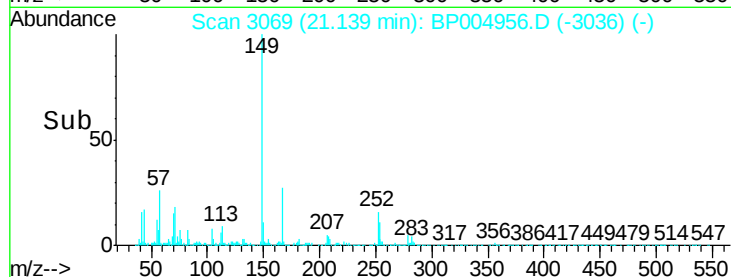
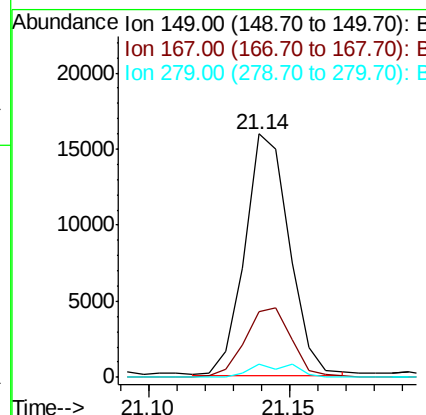
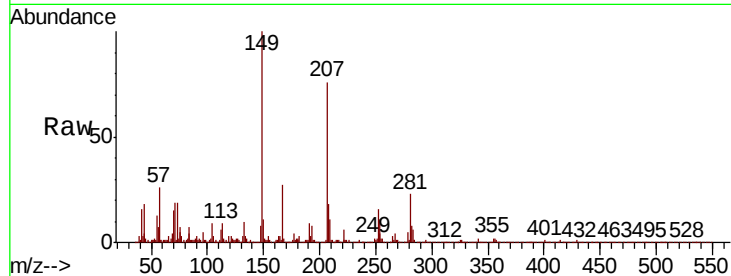
#84
Bis(2-ethylhexyl)phthalate
Concen: 2.824 ng/ul
RT: 21.14 min Scan# 3069
Delta R.T. -0.01 min
Lab File: BP004956.D
Acq: 09 Mar 2021 23:14

Instrument :
BNA_P
ClientSampleId :
MDL-ME-SOIL-06

Tot Ion	Ratio	Lower	Upper
149	100		
167	26.9	22.6	34.0
279	5.4	3.8	5.8

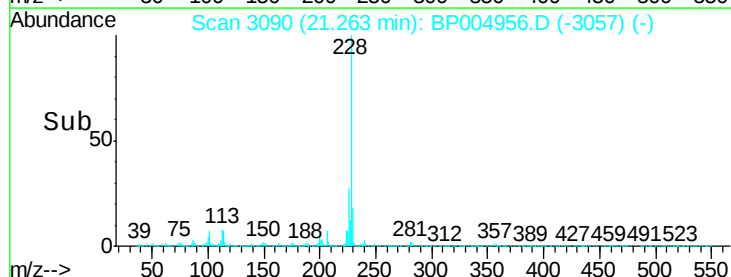
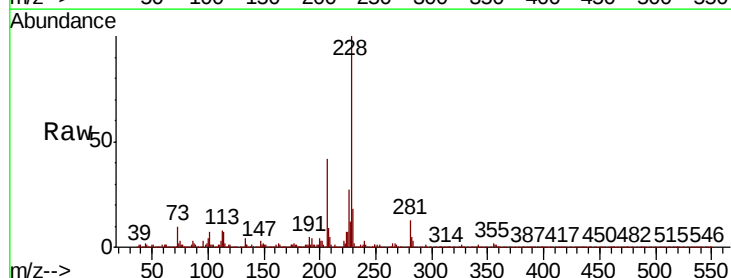
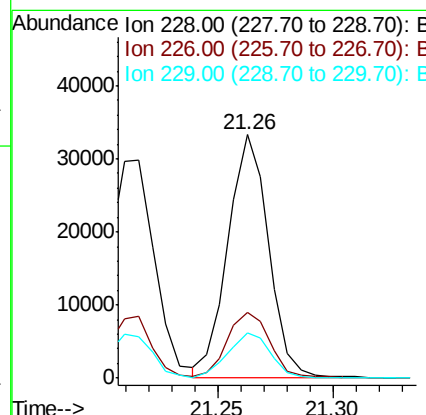
Manual Integrations
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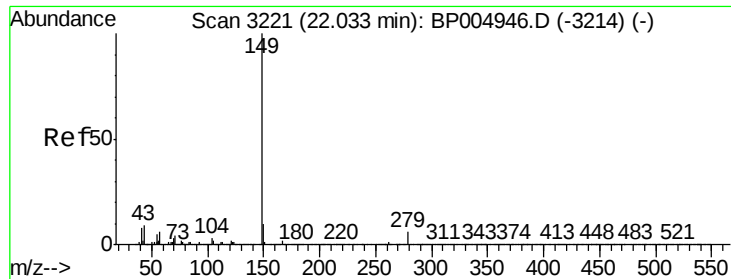
mohammad
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#85
Chrysene
Concen: 3.648 ng/ul
RT: 21.26 min Scan# 3090
Delta R.T. -0.01 min
Lab File: BP004956.D
Acq: 09 Mar 2021 23:14

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.2	22.9	34.3
229	18.5	15.4	23.2





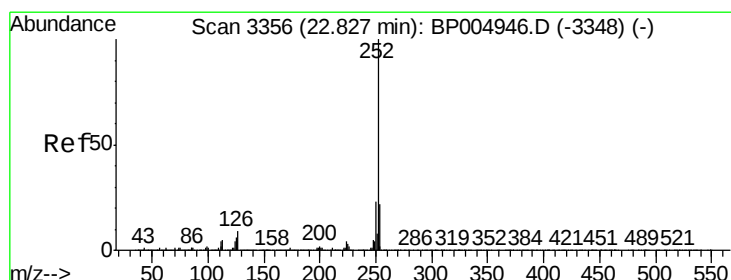
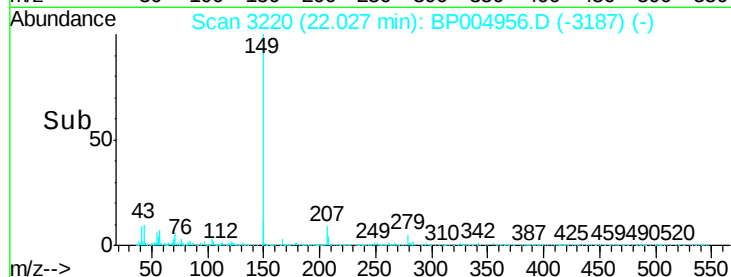
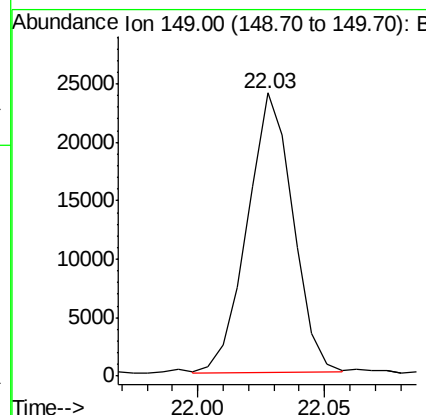
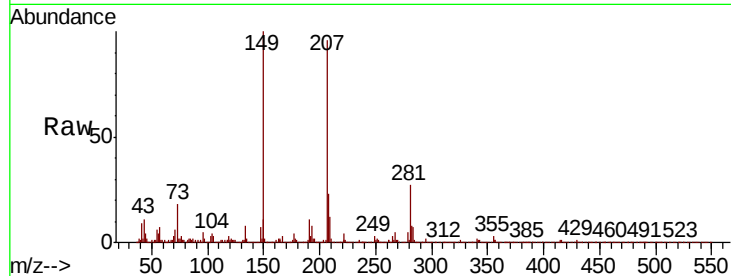
#87
Di-n-octyl phthalate
Concen: 2.569 ng/ul
RT: 22.03 min Scan# 3220
Delta R.T. -0.01 min
Lab File: BP004956.D
Acq: 09 Mar 2021 23:14

Instrument :
BNA_P
ClientSampleId :
MDL-ME-SOIL-06

Tgt Ion:149 Resp: 30007

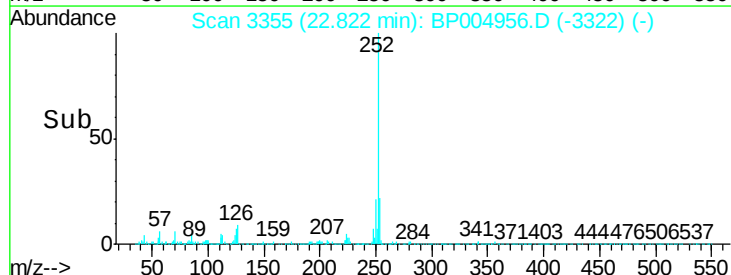
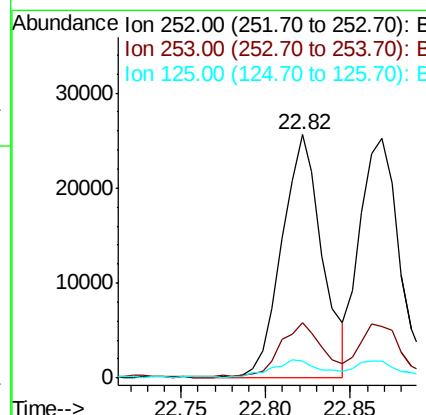
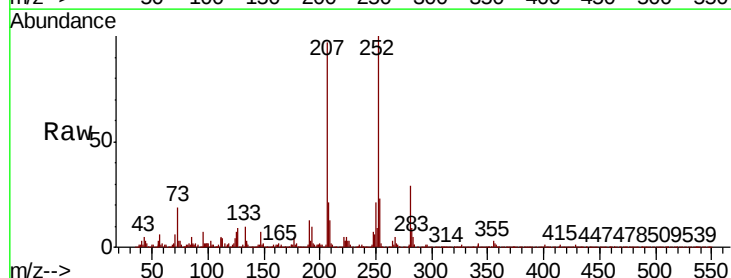
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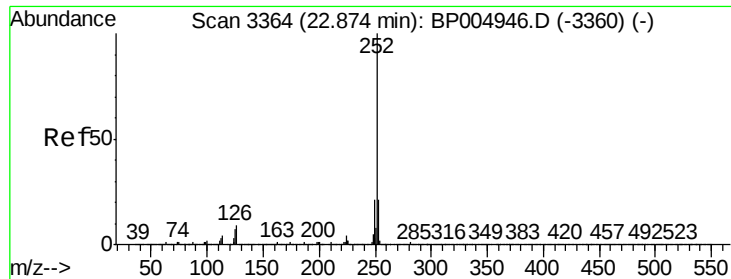
mohammad
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#88
Benzo(b)fluoranthene
Concen: 3.419 ng/ul
RT: 22.82 min Scan# 3355
Delta R.T. -0.01 min
Lab File: BP004956.D
Acq: 09 Mar 2021 23:14

Tgt Ion:252 Resp: 42397
Ion Ratio Lower Upper
252 100
253 22.7 17.4 26.2
125 6.9 6.4 9.6





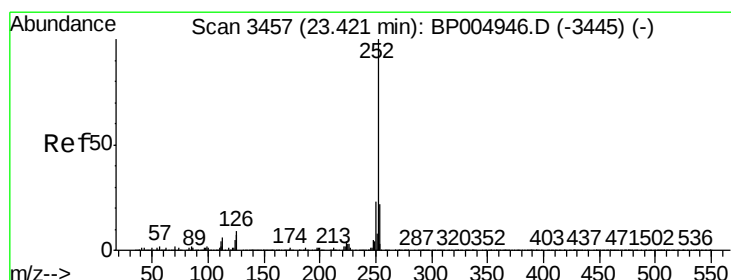
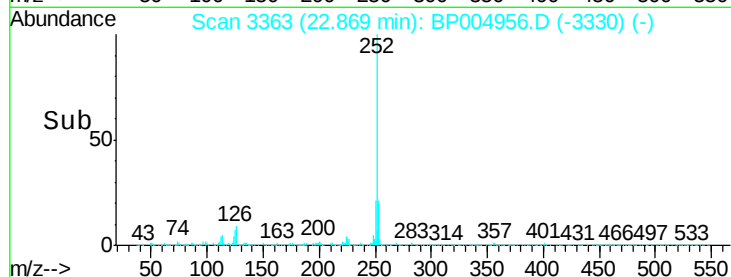
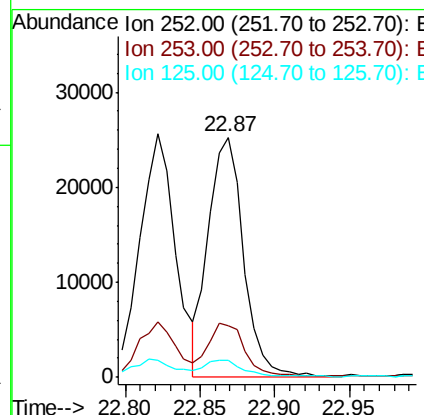
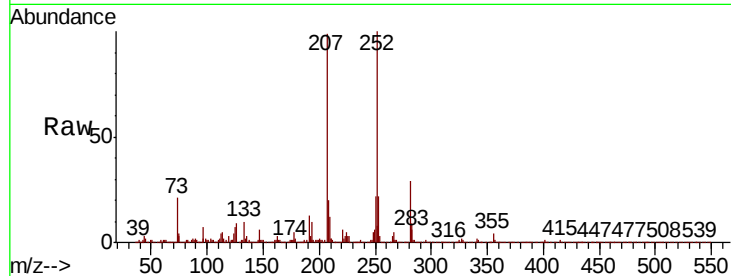
#89
Benzo(k)fluoranthene
Concen: 3.370 ng/ul
RT: 22.87 min Scan# 3363
Delta R.T. -0.01 min
Lab File: BP004956.D
Acq: 09 Mar 2021 23:14

Instrument :
BNA_P
ClientSampleId :
MDL-ME-SOIL-06

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.8	26.8
125	7.2	6.3	9.5

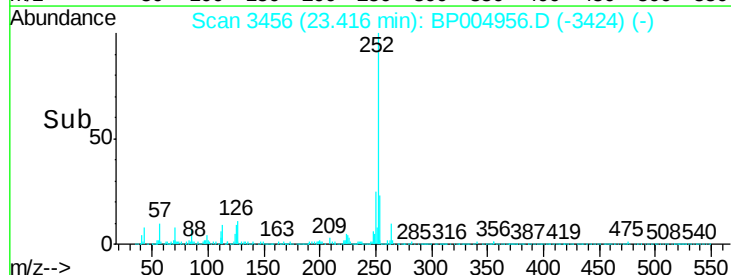
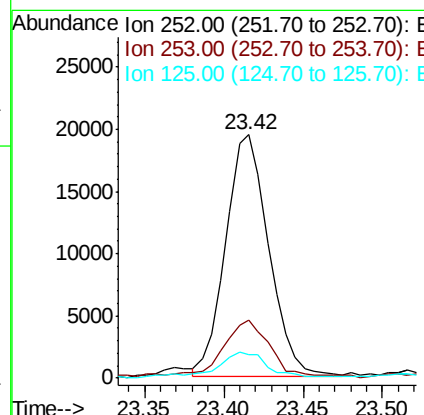
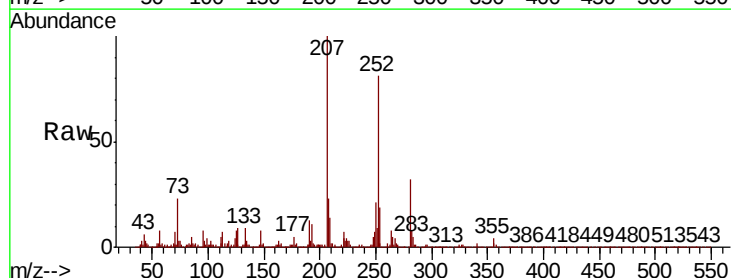
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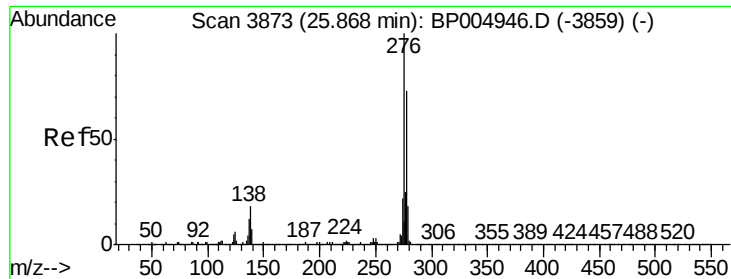
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#91
Benzo(a)pyrene
Concen: 3.364 ng/ul
RT: 23.42 min Scan# 3456
Delta R.T. -0.01 min
Lab File: BP004956.D
Acq: 09 Mar 2021 23:14

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.6	26.4
125	9.8	7.0	10.4





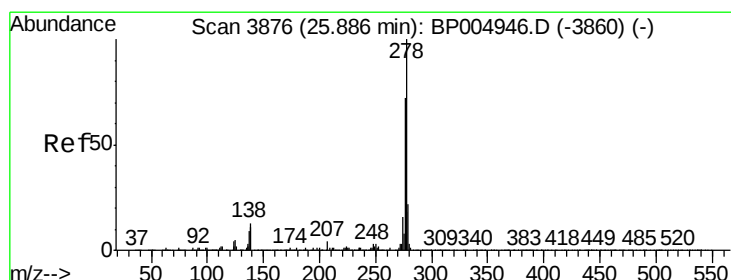
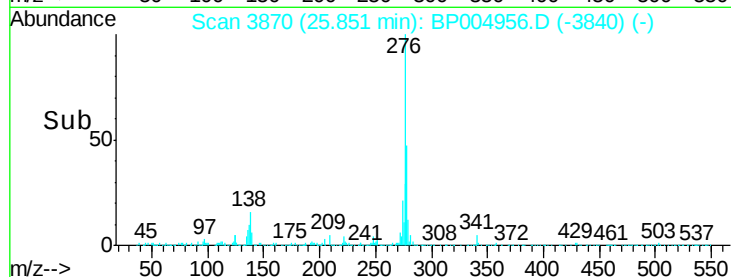
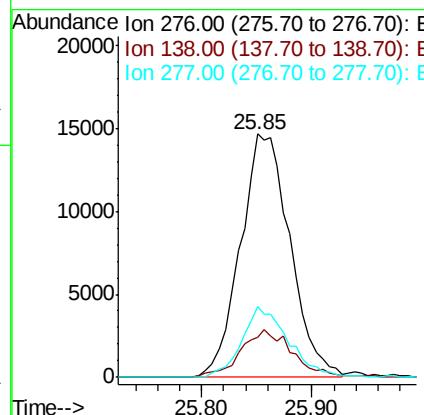
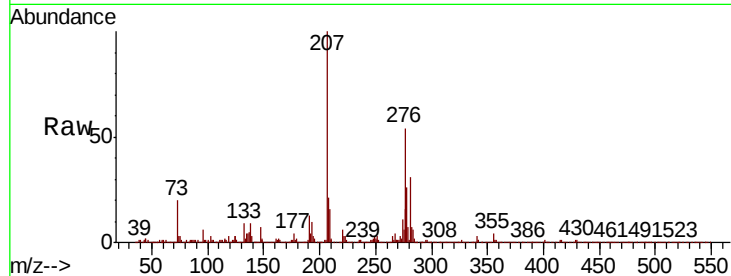
#92
 Indeno(1,2,3-cd)pyrene
 Concen: 3.324 ng/ul
 RT: 25.85 min Scan# 3870
 Delta R.T. -0.02 min
 Lab File: BP004956.D
 Acq: 09 Mar 2021 23:14

Instrument :
 BNA_P
 ClientSampleId :
 MDL-ME-SOIL-06

Tot Ion	Ratio	Lower	Upper
276	100		
138	16.6	14.7	22.1
277	29.0	19.4	29.0

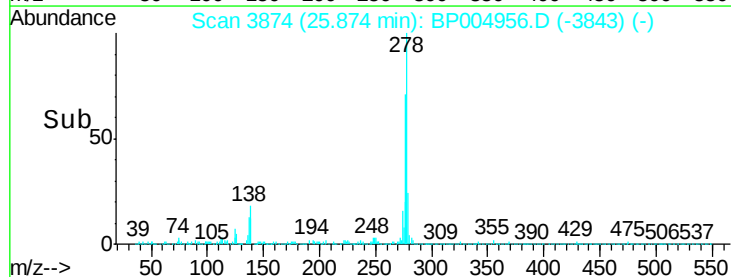
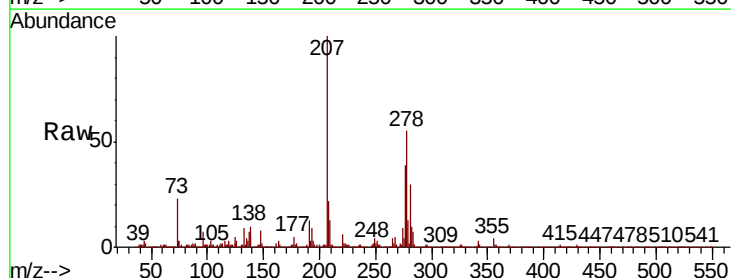
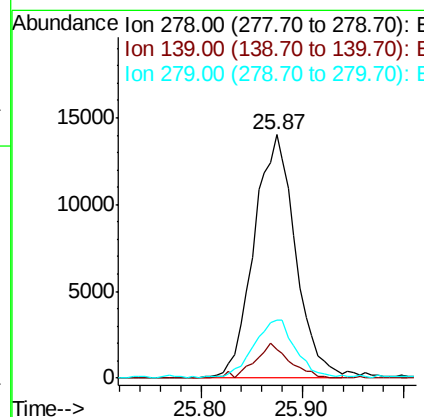
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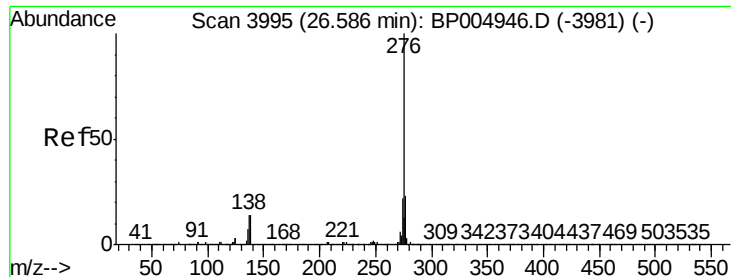
mohammad
 3/10/2021 11:54:44 AM



#93
 Dibenzo(a,h)anthracene
 Concen: 3.400 ng/ul
 RT: 25.87 min Scan# 3874
 Delta R.T. -0.02 min
 Lab File: BP004956.D
 Acq: 09 Mar 2021 23:14

Tgt Ion	Ratio	Lower	Upper
278	100		
139	11.6	10.2	15.2
279	23.6	18.9	28.3





#94

Benzo(a,h,i)perylene

Concen: 3.430 ng/ul

RT: 26.57 min Scan# 3992

Delta R.T. -0.02 min

Lab File: BP004956.D

Acq: 09 Mar 2021 23:14

Instrument :

BNA_P

ClientSampleId :

MDL-ME-SOIL-06

Tot Ion:	276	Resp:	39509
Ion Ratio	Lower	Upper	
276	100		
138	16.0	13.4	20.0
277	21.8	17.8	26.6

Manual Integrations
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