

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032621\
 Data File : BP005058.D
 Acq On : 26 Mar 2021 12:31
 Operator : CG/JU
 Sample : M1458-03
 Misc : MDL-SOIL--8PPM
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MDL-SOIL-03-QT1-2021

Manual Integrations
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Quant Time: Mar 26 13:21:26 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP032321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 26 13:21:24 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.716	152	32442	20.00	ng	# 0.00
21) Naphthalene-d8	10.505	136	125274	20.00	ng	# 0.00
39) Acenaphthene-d10	14.369	164	81257	20.00	ng	0.00
64) Phenanthrene-d10	17.134	188	178373	20.00	ng	# 0.00
76) Chrysene-d12	21.227	240	195634	20.00	ng	0.00
86) Perylene-d12	23.521	264	200787	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.311	112	154493	73.29	ng	0.00
7) Phenol-d6	6.893	99	220083	72.88	ng	0.00
23) Nitrobenzene-d5	8.875	82	178391	61.10	ng	0.00
42) 2,4,6-Tribromophenol	15.869	330	80846	76.36	ng	0.00
45) 2-Fluorobiphenyl	12.987	172	370753	61.72	ng	0.00
79) Terphenyl-d14	19.704	244	638492	59.41	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.252	88	7168	7.81	ng	96
3) Pyridine	3.675	79	14559	6.38	ng	95
4) n-Nitrosodimethylamine	3.570	42	5766	7.06	ng	# 77
6) Aniline	7.052	93	28135	8.22	ng	# 84
8) 2-Chlorophenol	7.281	128	17126	7.70	ng	# 78
9) Benzaldehyde	6.869	77	17662	7.47	ng	# 80
10) Phenol	6.916	94	23230	7.51	ng	83
11) bis(2-Chloroethyl)ether	7.152	93	17563	7.75	ng	95
12) 1,3-Dichlorobenzene	7.605	146	19941	8.07	ng	# 85
13) 1,4-Dichlorobenzene	7.752	146	19471	7.76	ng	# 90
14) 1,2-Dichlorobenzene	8.069	146	19523	8.11	ng	89
15) Benzyl Alcohol	7.963	79	16817	7.22	ng	# 80
16) 2,2'-oxybis(1-Chloropr...	8.252	45	12991	7.82	ng	91
17) 2-Methylphenol	8.158	107	15056	7.62	ng	# 87
18) Hexachloroethane	8.787	117	7306	7.64	ng	90
19) n-Nitroso-di-n-propyla...	8.522	70	14369	7.34	ng	# 91
20) 3+4-Methylphenols	8.487	107	19930	7.39	ng	87
22) Acetophenone	8.540	105	28422	7.89	ng	# 92
24) Nitrobenzene	8.916	77	23628	7.68	ng	# 77
25) Isophorone	9.446	82	37624	6.98	ng	# 89
26) 2-Nitrophenol	9.628	139	8111	6.80	ng	# 53
27) 2,4-Dimethylphenol	9.693	122	15259	7.95	ng	88
28) bis(2-Chloroethoxy)met...	9.928	93	22783	8.35	ng	97
29) 2,4-Dichlorophenol	10.157	162	15435	7.19	ng	88
30) 1,2,4-Trichlorobenzene	10.369	180	18302	7.59	ng	100
31) Naphthalene	10.557	128	53202	7.52	ng	99
32) Benzoic acid	9.769	122	7073m	4.96	ng	
33) 4-Chloroaniline	10.675	127	22137	7.73	ng	# 87
34) Hexachlorobutadiene	10.840	225	11306	7.28	ng	91
35) Caprolactam	11.457	113	4827	6.85	ng	# 86
36) 4-Chloro-3-methylphenol	11.804	107	18269	7.04	ng	88
37) 2-Methylnaphthalene	12.175	142	38432	7.52	ng	96
38) 1-Methylnaphthalene	12.399	142	35829	7.48	ng	# 94
40) 1,2,4,5-Tetrachloroben...	12.546	216	20712	7.83	ng	# 98
41) Hexachlorocyclopentadiene	12.522	237	12440	8.64	ng	90
43) 2,4,6-Trichlorophenol	12.793	196	12867	7.04	ng	98

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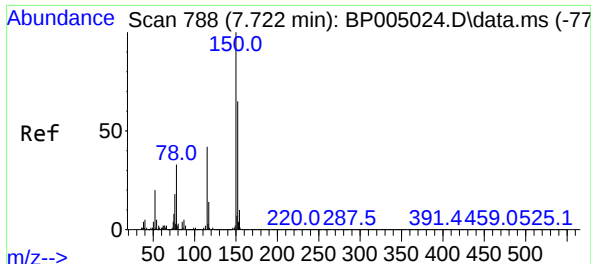
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
44) 2,4,5-Trichlorophenol	12.869	196	13977	7.06	ng	#	94
46) 1,1'-Biphenyl	13.198	154	50127	8.09	ng		96
47) 2-Chloronaphthalene	13.240	162	39122	7.75	ng		99
48) 2-Nitroaniline	13.451	65	11166	6.95	ng	#	64
49) Acenaphthylene	14.093	152	58447	7.45	ng		98
50) Dimethylphthalate	13.834	163	47655	7.61	ng		98
51) 2,6-Dinitrotoluene	13.951	165	10800	7.32	ng	#	66
52) Acenaphthene	14.434	154	36456	7.55	ng		100
53) 3-Nitroaniline	14.281	138	9524	7.02	ng	#	65
54) 2,4-Dinitrophenol	14.493	184	4913	5.50	ng	#	88
55) Dibenzofuran	14.775	168	60056	7.59	ng		97
56) 4-Nitrophenol	14.598	139	7387	6.63	ng	#	52
57) 2,4-Dinitrotoluene	14.745	165	13600	6.98	ng	#	66
58) Fluorene	15.428	166	48355	7.57	ng		98
59) 2,3,4,6-Tetrachlorophenol	14.998	232	13083	7.16	ng		97
60) Diethylphthalate	15.204	149	47874	7.82	ng		99
61) 4-Chlorophenyl-phenyle...	15.422	204	25855	7.62	ng		96
62) 4-Nitroaniline	15.451	138	9319	6.68	ng	#	59
63) Azobenzene	15.716	77	49970	7.14	ng		84
65) 4,6-Dinitro-2-methylph...	15.504	198	8427	6.47	ng		87
66) n-Nitrosodiphenylamine	15.640	169	41101	7.17	ng		97
67) 4-Bromophenyl-phenylether	16.322	248	15176	7.34	ng		96
68) Hexachlorobenzene	16.434	284	17536	7.55	ng		95
69) Atrazine	16.598	200	13123	6.89	ng		97
70) Pentachlorophenol	16.781	266	10021	6.53	ng		97
71) Phenanthrene	17.175	178	77984	7.54	ng		98
72) Anthracene	17.263	178	77386	7.66	ng		99
73) Carbazole	17.539	167	67478	7.11	ng		99
74) Di-n-butylphthalate	18.098	149	73422	7.03	ng	#	97
75) Fluoranthene	19.151	202	91504	7.52	ng		98
77) Benzidine	19.339	184	33452	7.79	ng		98
78) Pyrene	19.504	202	95887	7.13	ng		96
80) Butylbenzylphthalate	20.386	149	33386	6.69	ng	#	77
81) Benzo(a)anthracene	21.216	228	97258	7.32	ng		98
82) 3,3'-Dichlorobenzidine	21.151	252	35047	7.85	ng		98
83) Chrysene	21.263	228	95546	7.32	ng		96
84) Bis(2-ethylhexyl)phtha...	21.145	149	50392	6.89	ng		98
85) Di-n-octyl phthalate	22.027	149	86341	7.00	ng	#	95
87) Indeno(1,2,3-cd)pyrene	25.863	276	110947	7.37	ng		97
88) Benzo(b)fluoranthene	22.822	252	102577	7.19	ng		99
89) Benzo(k)fluoranthene	22.869	252	99427	7.28	ng		98
90) Benzo(a)pyrene	23.416	252	89720	7.02	ng		98
91) Dibenzo(a,h)anthracene	25.874	278	95040	7.30	ng		96
92) Benzo(g,h,i)perylene	26.574	276	93307	7.43	ng		96

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



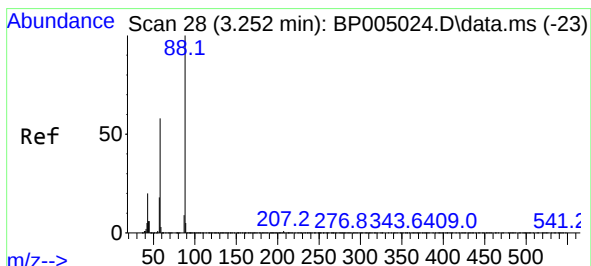
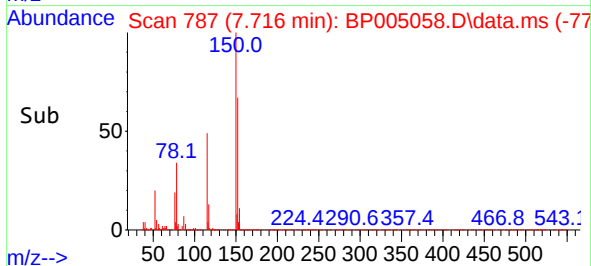
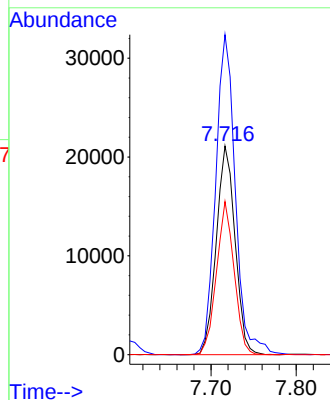
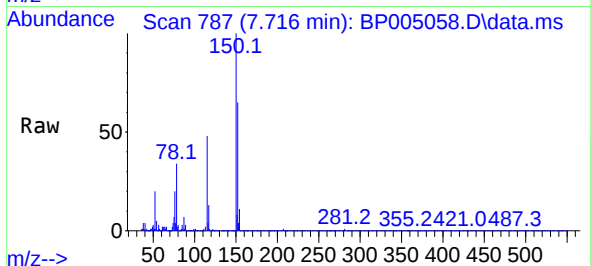
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1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.716 min Scan# 787
Delta R.T. 0.000 min
Lab File: BP005058.D
Acq: 26 Mar 2021 12:31

Tgt Ion:152 Resp: 32442
Ion Ratio Lower Upper
152 100
150 153.3 123.8 185.6
115 73.4 43.8 65.6#

Instrument :
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ClientSampleId :
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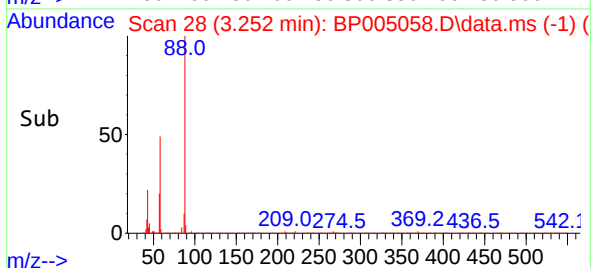
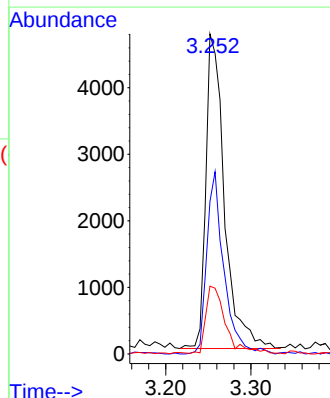
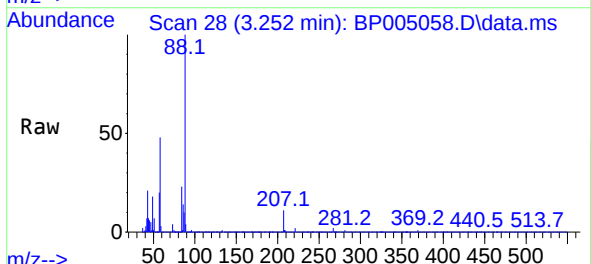
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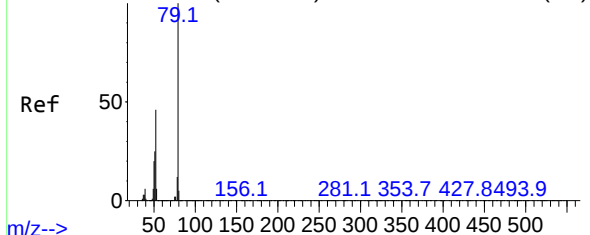


#2
1,4-Dioxane
Concen: 7.81 ng
RT: 3.252 min Scan# 28
Delta R.T. -0.006 min
Lab File: BP005058.D
Acq: 26 Mar 2021 12:31

Tgt Ion: 88 Resp: 7168
Ion Ratio Lower Upper
88 100
58 53.3 44.2 66.4
43 22.3 15.2 22.8



Abundance Scan 96 (3.652 min): BP005024.D\data.ms (-93)



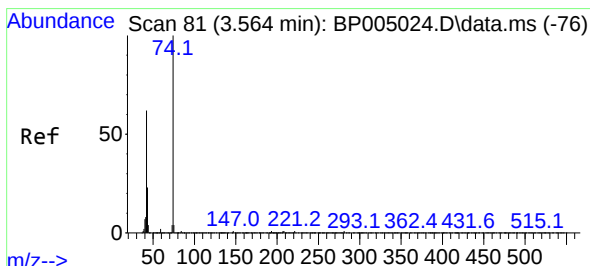
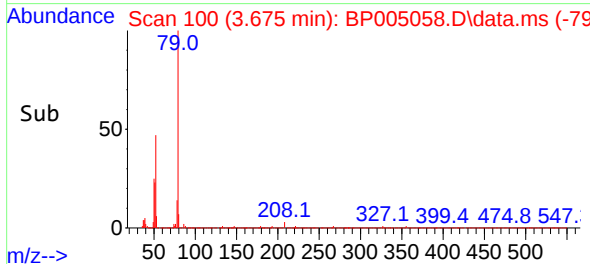
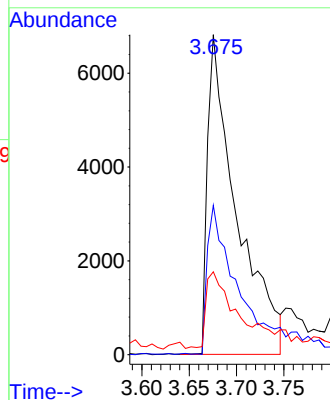
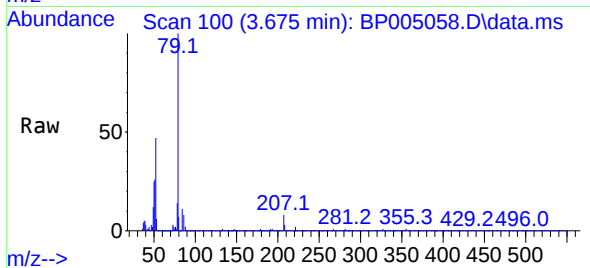
#3
Pyridine
Concen: 6.38 ng
RT: 3.675 min Scan# 100
Delta R.T. 0.023 min
Lab File: BP005058.D
Acq: 26 Mar 2021 12:31

Tgt Ion: 79 Resp: 14559
Ion Ratio Lower Upper
79 100
52 46.6 41.3 61.9
51 25.9 21.2 31.8

Instrument :
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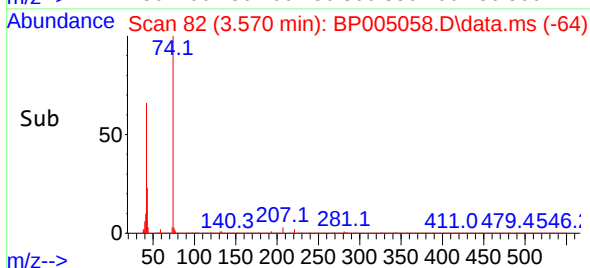
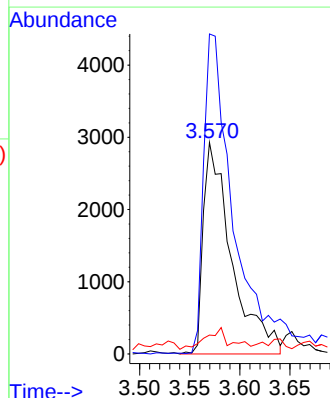
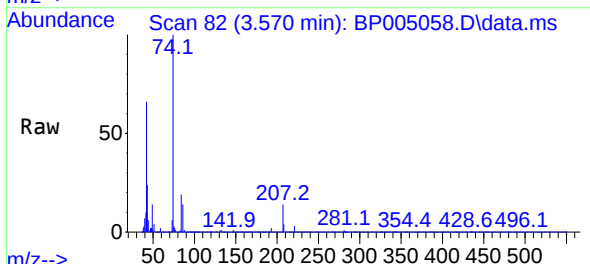
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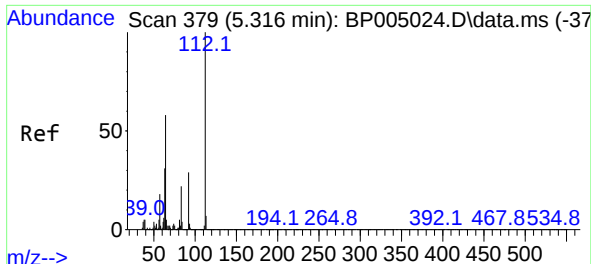
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#4
n-Nitrosodimethylamine
Concen: 7.06 ng
RT: 3.570 min Scan# 82
Delta R.T. 0.006 min
Lab File: BP005058.D
Acq: 26 Mar 2021 12:31

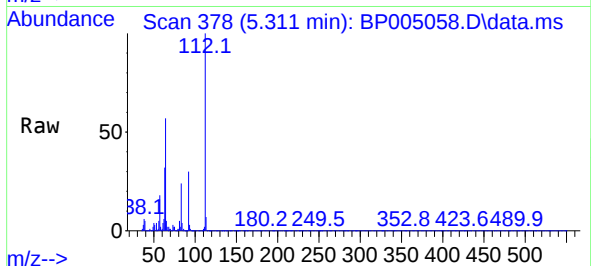
Tgt Ion: 42 Resp: 5766
Ion Ratio Lower Upper
42 100
74 151.3 148.6 223.0
44 8.9 5.3 7.9





#5
2-Fluorophenol
Concen: 73.29 ng
RT: 5.311 min Scan# 378
Delta R.T. -0.000 min
Lab File: BP005058.D
Acq: 26 Mar 2021 12:31

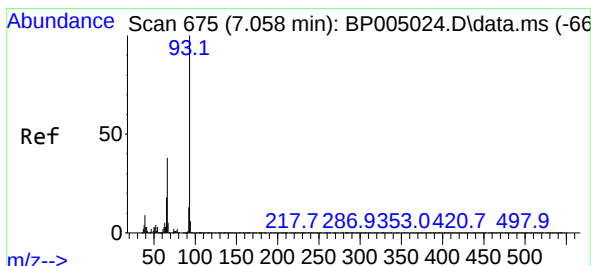
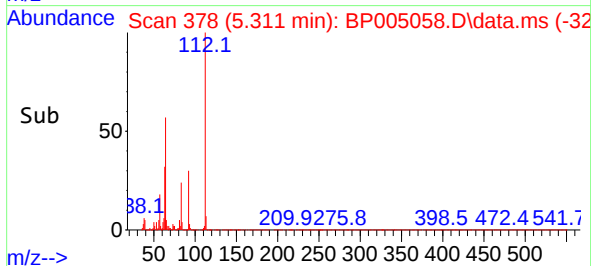
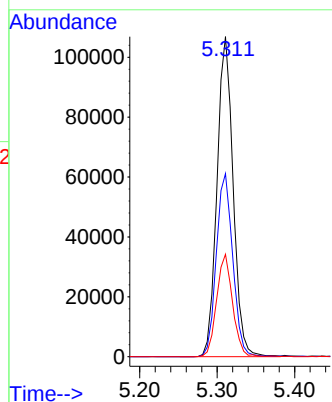
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Tgt Ion: 112 Resp: 154493
Ion Ratio Lower Upper
112 100
64 57.2 32.8 49.2#
63 32.0 17.0 25.4#

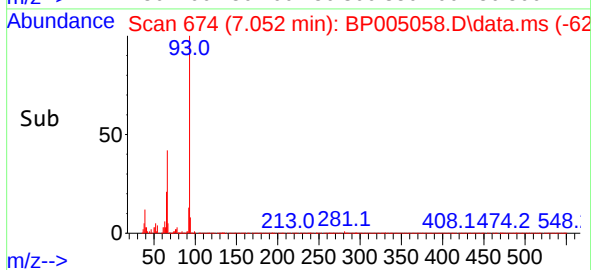
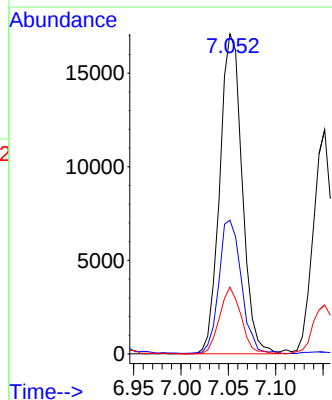
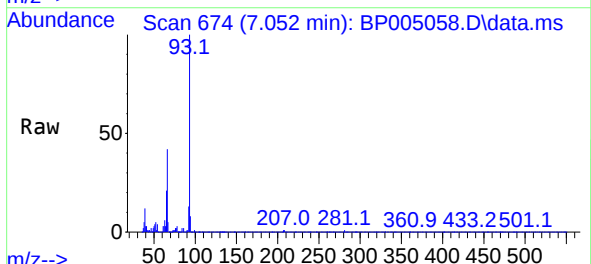
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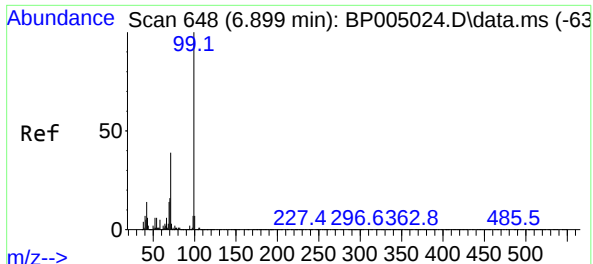
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#6
Aniline
Concen: 8.22 ng
RT: 7.052 min Scan# 674
Delta R.T. -0.006 min
Lab File: BP005058.D
Acq: 26 Mar 2021 12:31

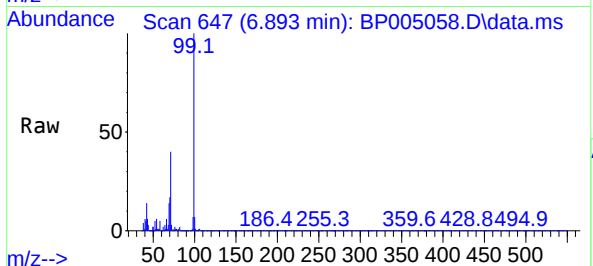
Tgt Ion: 93 Resp: 28135
Ion Ratio Lower Upper
93 100
66 41.8 25.4 38.0#
65 20.8 12.5 18.7#





#7
Phenol-d6
Concen: 72.88 ng
RT: 6.893 min Scan# 647
Delta R.T. -0.000 min
Lab File: BP005058.D
Acq: 26 Mar 2021 12:31

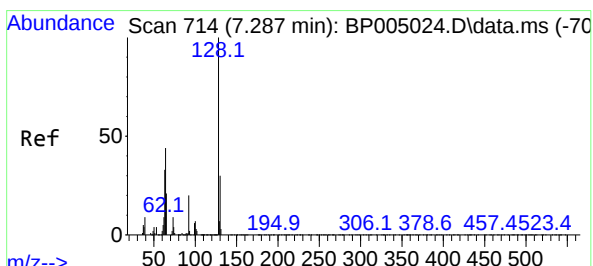
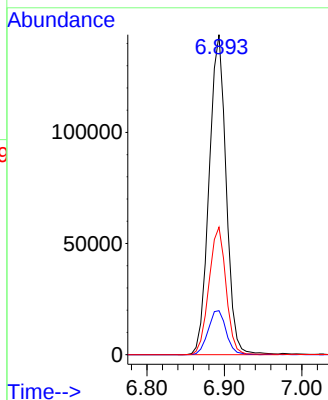
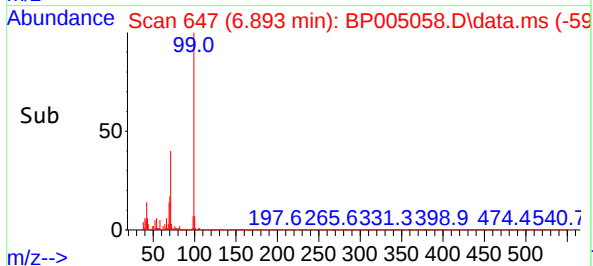
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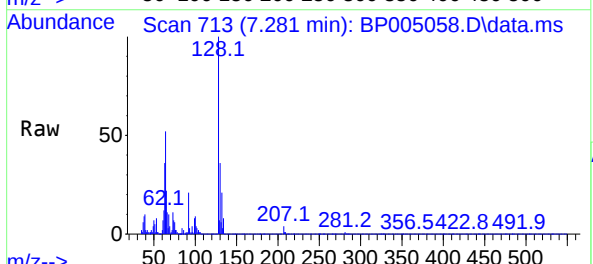
Tgt Ion: 99 Resp: 220083
Ion Ratio Lower Upper
99 100
42 13.8 8.6 13.0#
71 39.9 23.4 35.2#

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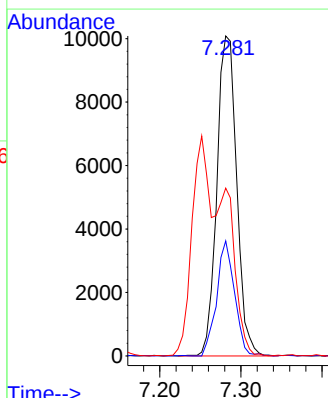
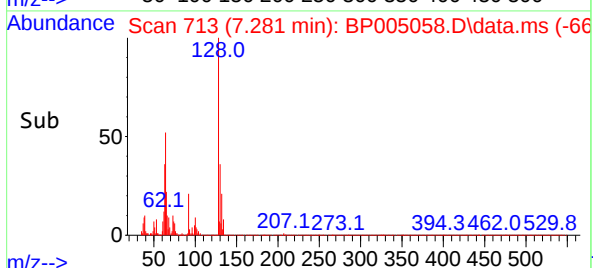
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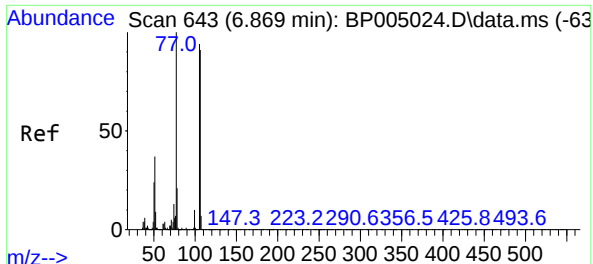


#8
2-Chlorophenol
Concen: 7.70 ng
RT: 7.281 min Scan# 713
Delta R.T. -0.006 min
Lab File: BP005058.D
Acq: 26 Mar 2021 12:31



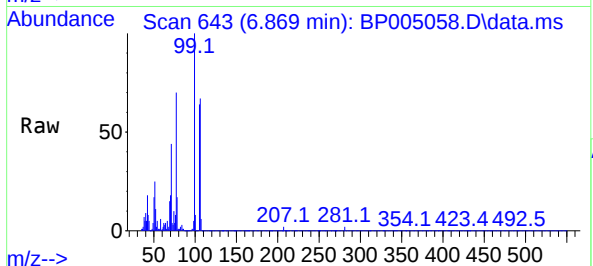
Tgt Ion: 128 Resp: 17126
Ion Ratio Lower Upper
128 100
130 35.9 13.0 53.0
64 52.5 10.4 50.4#





#9
Benzaldehyde
Concen: 7.47 ng
RT: 6.869 min Scan# 643
Delta R.T. 0.000 min
Lab File: BP005058.D
Acq: 26 Mar 2021 12:31

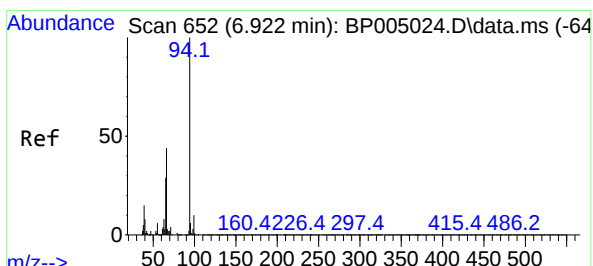
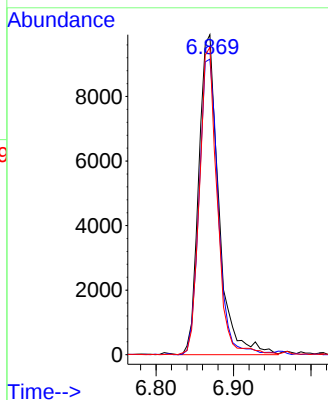
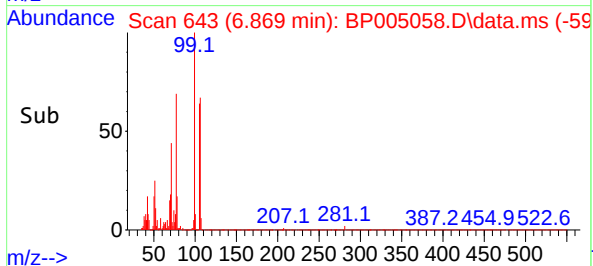
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BNA_P
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MDL-SOIL-03-QT1-2021



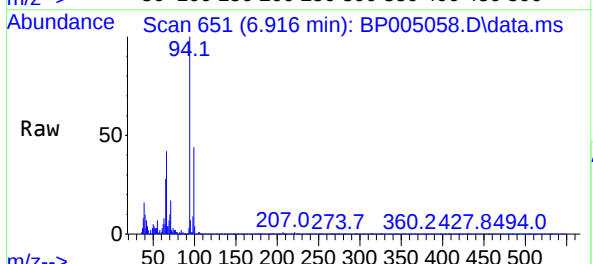
Tgt Ion: 77 Resp: 17662
Ion Ratio Lower Upper
77 100
105 92.4 97.1 137.1#
106 96.0 93.7 133.7

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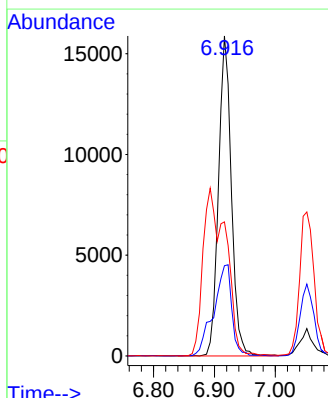
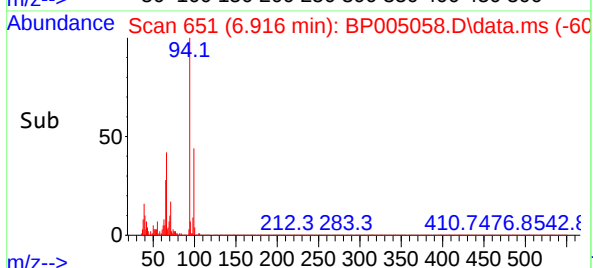
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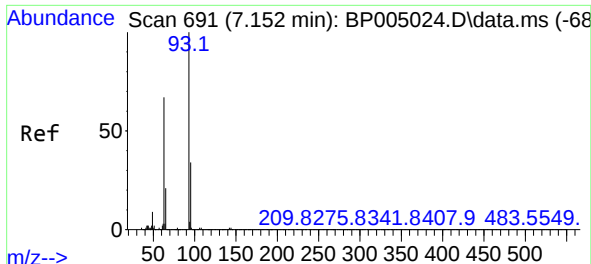


#10
Phenol
Concen: 7.51 ng
RT: 6.916 min Scan# 651
Delta R.T. -0.006 min
Lab File: BP005058.D
Acq: 26 Mar 2021 12:31



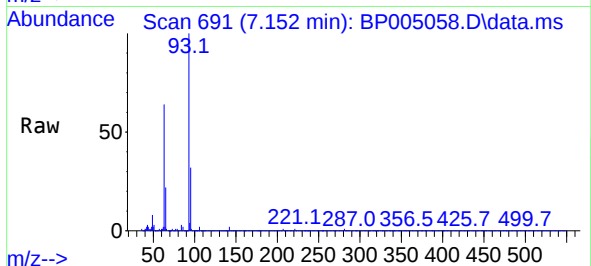
Tgt Ion: 94 Resp: 23230
Ion Ratio Lower Upper
94 100
65 28.2 2.3 42.3
66 41.9 10.9 50.9





#11
bis(2-Chloroethyl)ether
Concen: 7.75 ng
RT: 7.152 min Scan# 691
Delta R.T. -0.000 min
Lab File: BP005058.D
Acq: 26 Mar 2021 12:31

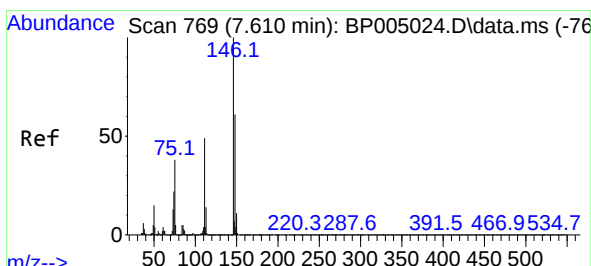
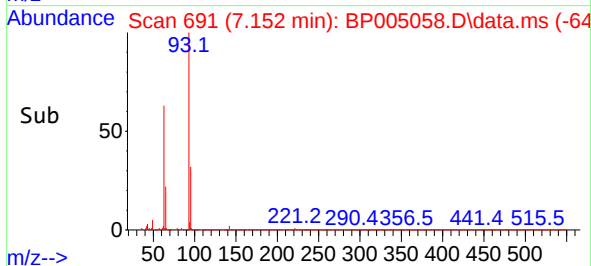
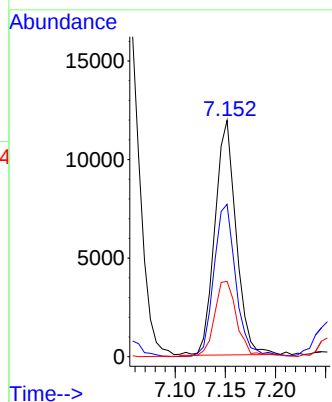
Instrument :
BNA_P
ClientSampleId :
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Tgt Ion: 93	Resp: 17563
Ion Ratio	Lower Upper
93 100	
63 64.4	39.0 79.0
95 31.9	12.8 52.8

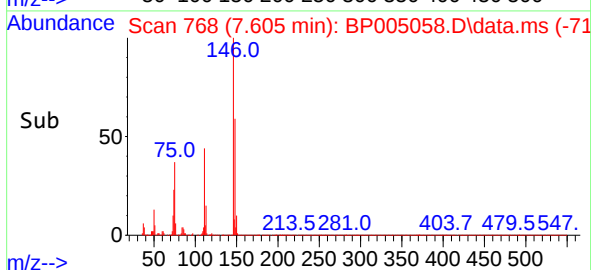
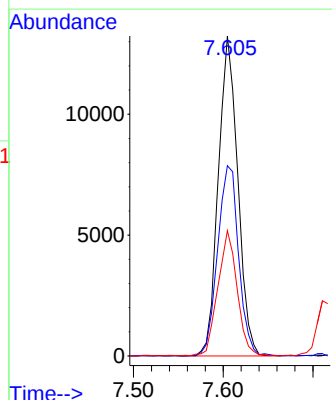
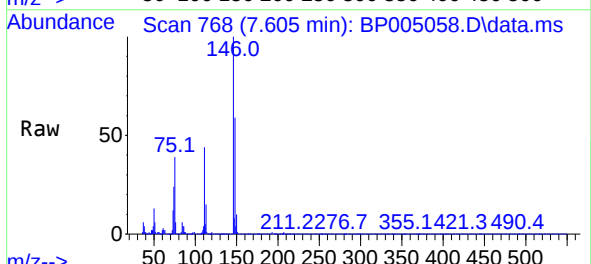
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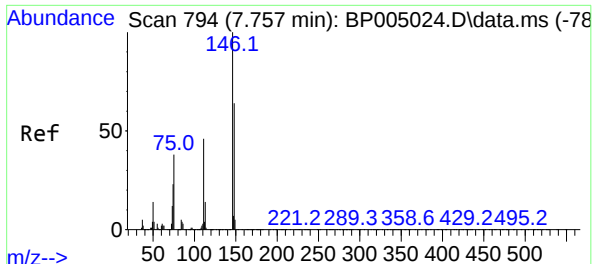
mohammad
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#12
1,3-Dichlorobenzene
Concen: 8.07 ng
RT: 7.605 min Scan# 768
Delta R.T. -0.000 min
Lab File: BP005058.D
Acq: 26 Mar 2021 12:31

Tgt Ion:146	Resp: 19941
Ion Ratio	Lower Upper
146 100	
148 59.5	52.5 78.7
75 39.2	18.1 27.1#





#13

1,4-Dichlorobenzene

Concen: 7.76 ng

RT: 7.752 min Scan# 793

Delta R.T. -0.000 min

Lab File: BP005058.D

Acq: 26 Mar 2021 12:31

Tgt Ion:	146	Resp:	19471
Ion Ratio	Lower	Upper	
146	100		
148	65.4	51.3	76.9
111	50.4	28.9	43.3#

Instrument :

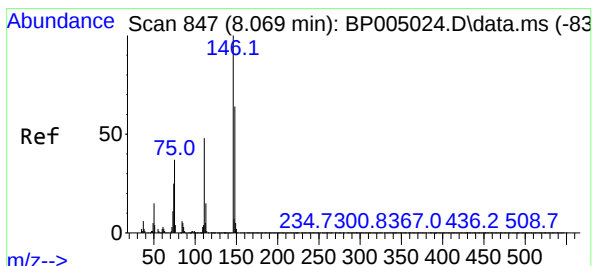
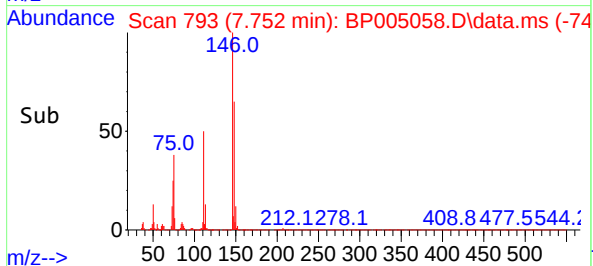
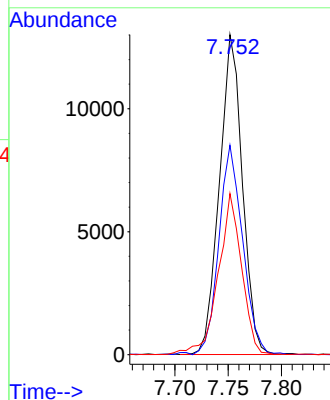
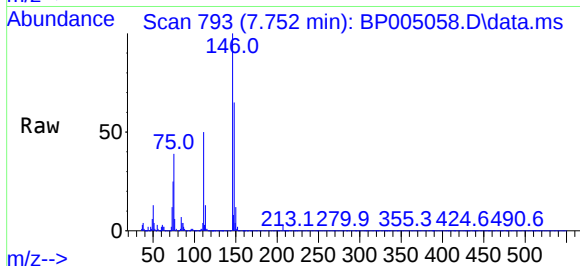
BNA_P

ClientSampleId :

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#14

1,2-Dichlorobenzene

Concen: 8.11 ng

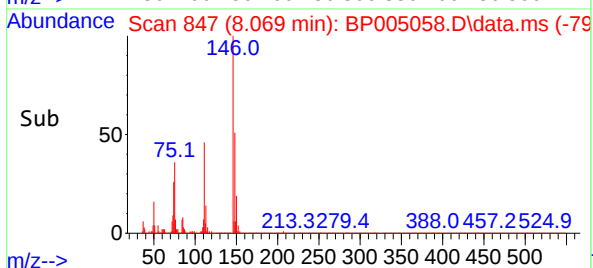
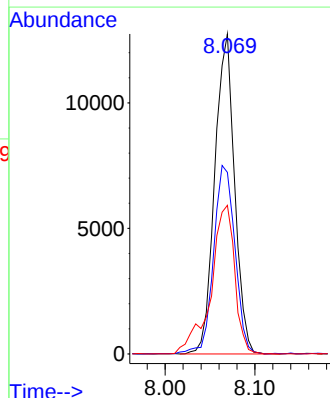
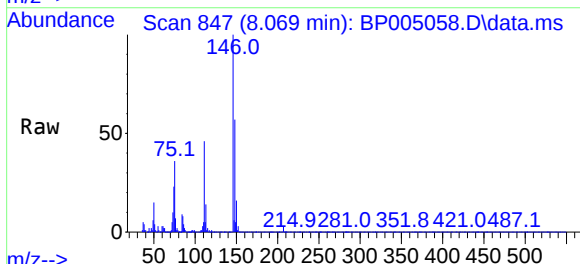
RT: 8.069 min Scan# 847

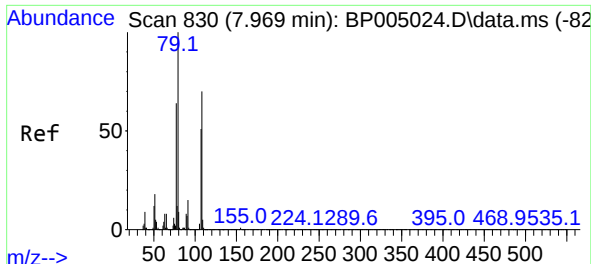
Delta R.T. -0.000 min

Lab File: BP005058.D

Acq: 26 Mar 2021 12:31

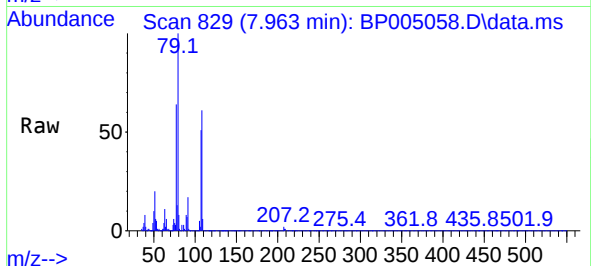
Tgt Ion:	146	Resp:	19523
Ion Ratio	Lower	Upper	
146	100		
148	56.8	51.6	77.4
111	46.5	31.0	46.6





#15
Benzyl Alcohol
Concen: 7.22 ng
RT: 7.963 min Scan# 829
Delta R.T. -0.000 min
Lab File: BP005058.D
Acq: 26 Mar 2021 12:31

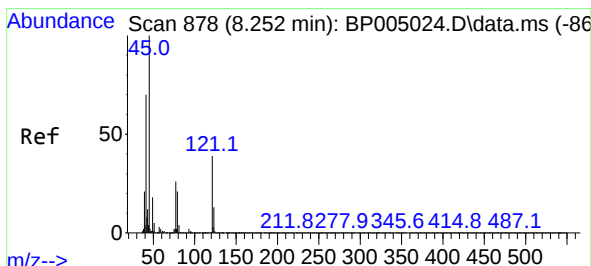
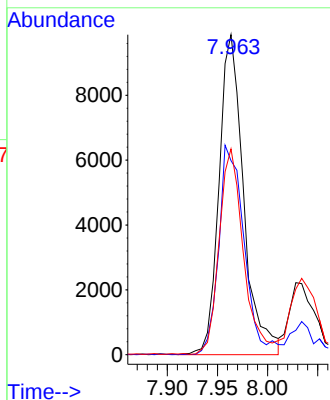
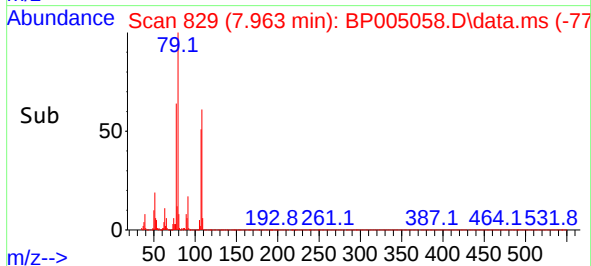
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT1-2021



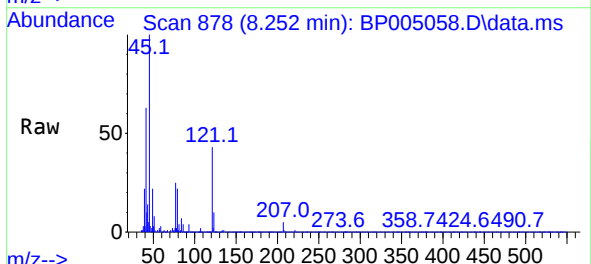
Tgt Ion: 79 Resp: 16817
Ion Ratio Lower Upper
79 100
108 60.6 73.5 110.3#
77 64.3 50.3 75.5

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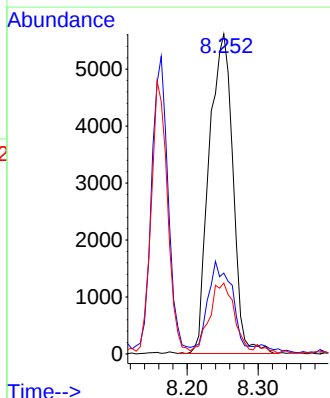
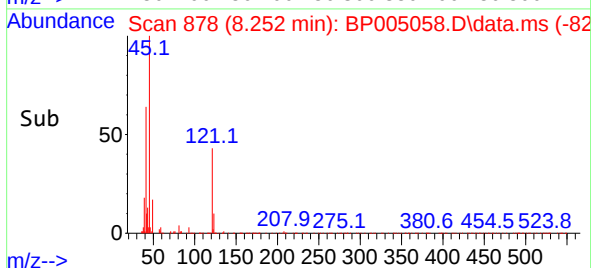
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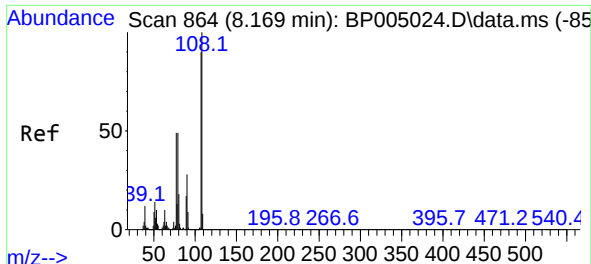


#16
2,2'-oxybis(1-Chloropropane)
Concen: 7.82 ng
RT: 8.252 min Scan# 878
Delta R.T. 0.006 min
Lab File: BP005058.D
Acq: 26 Mar 2021 12:31



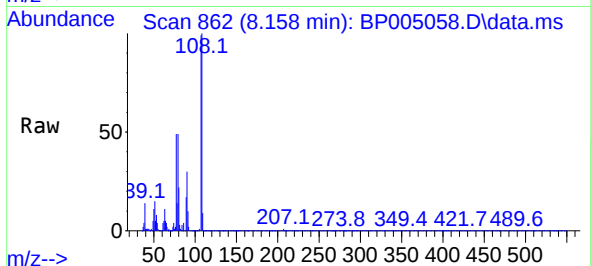
Tgt Ion: 45 Resp: 12991
Ion Ratio Lower Upper
45 100
77 25.3 2.3 42.3
79 22.1 0.0 36.6





#17
2-Methylphenol
Concen: 7.62 ng
RT: 8.158 min Scan# 862
Delta R.T. -0.006 min
Lab File: BP005058.D
Acq: 26 Mar 2021 12:31

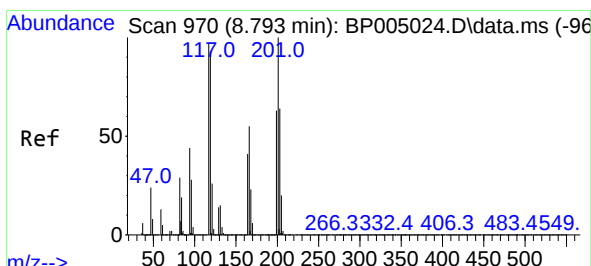
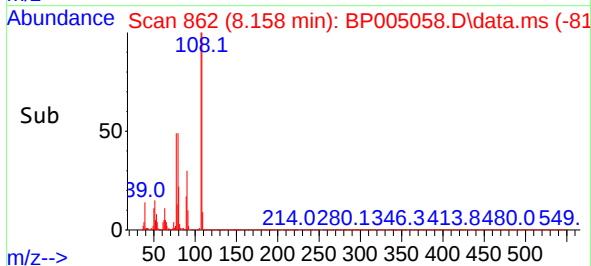
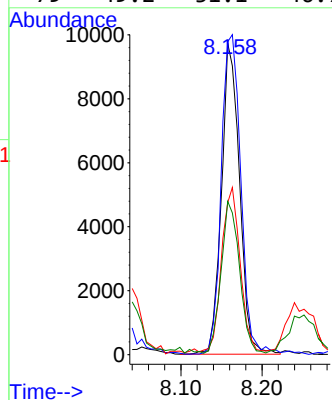
Instrument :
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Tgt Ion:	107	Resp:	15056
Ion	Ratio	Lower	Upper
107	100		
108	100.5	89.6	134.4
77	48.8	31.8	47.6#
79	49.2	31.1	46.7#

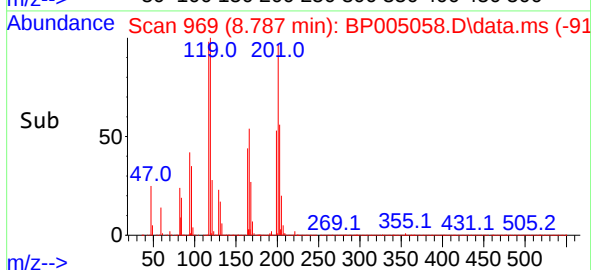
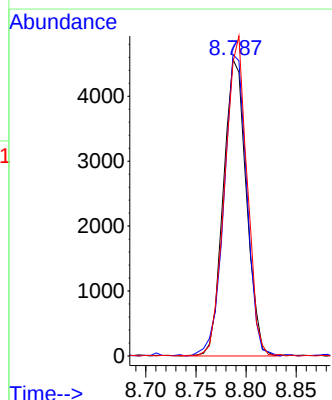
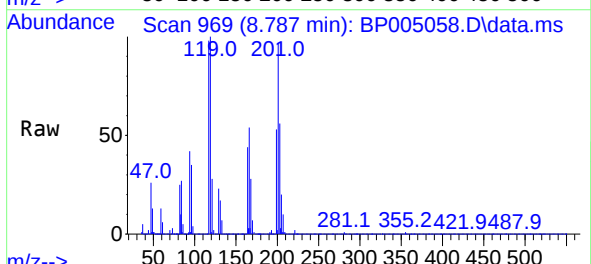
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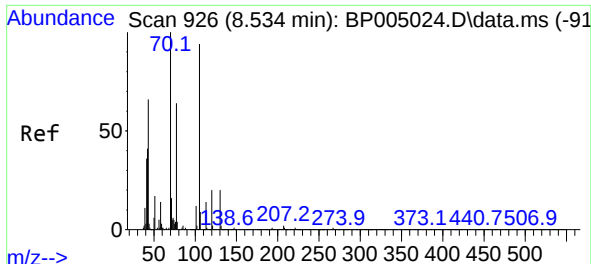
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#18
Hexachloroethane
Concen: 7.64 ng
RT: 8.787 min Scan# 969
Delta R.T. -0.006 min
Lab File: BP005058.D
Acq: 26 Mar 2021 12:31

Tgt Ion:	117	Resp:	7306
Ion	Ratio	Lower	Upper
117	100		
119	101.6	78.8	118.2
201	99.0	92.3	138.5





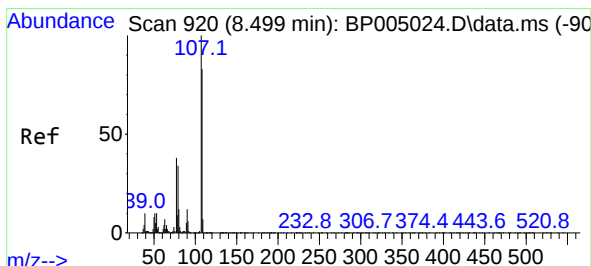
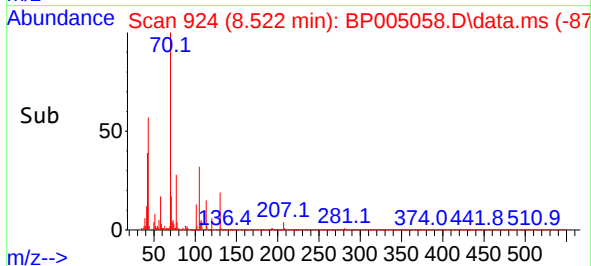
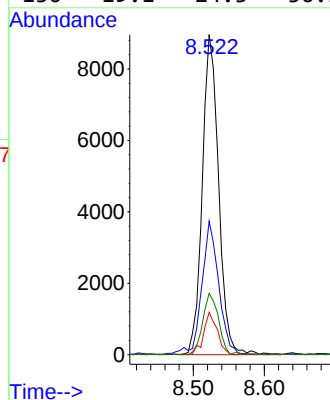
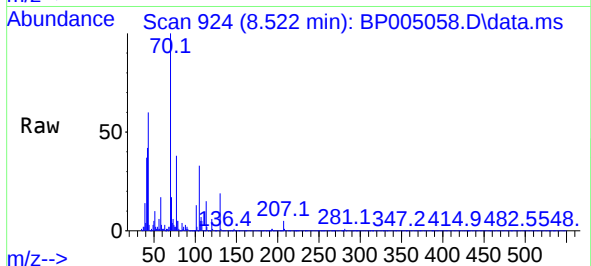
#19
n-Nitroso-di-n-propylamine
Concen: 7.34 ng
RT: 8.522 min Scan# 924
Delta R.T. -0.006 min
Lab File: BP005058.D
Acq: 26 Mar 2021 12:31

Tgt Ion:	70	Resp:	14369
Ion	Ratio	Lower	Upper
70	100		
42	41.7	32.8	49.2
101	13.2	9.6	14.4
130	19.1	24.3	36.5#

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT1-2021

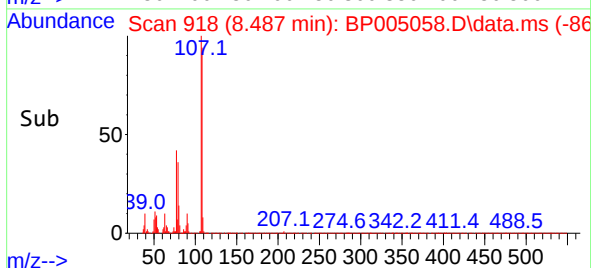
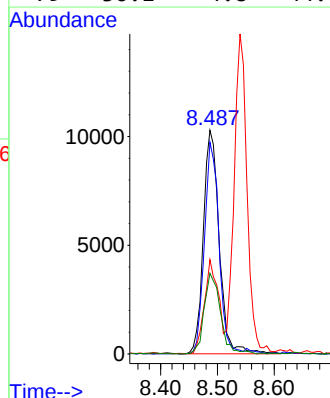
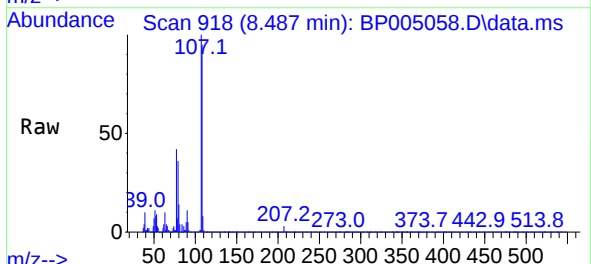
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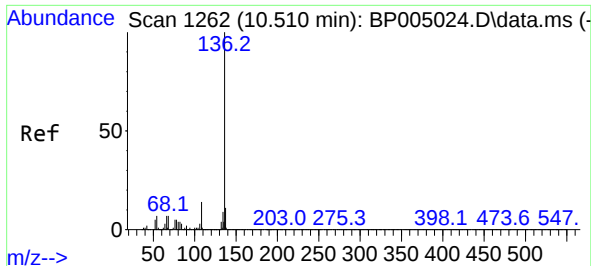
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#20
3+4-Methylphenols
Concen: 7.39 ng
RT: 8.487 min Scan# 918
Delta R.T. -0.006 min
Lab File: BP005058.D
Acq: 26 Mar 2021 12:31

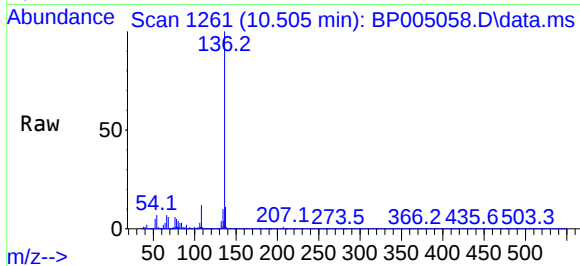
Tgt Ion:	107	Resp:	19930
Ion	Ratio	Lower	Upper
107	100		
108	94.6	69.0	109.0
77	42.1	8.5	48.5
79	36.1	4.8	44.8





#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.505 min Scan# 1261
Delta R.T. -0.006 min
Lab File: BP005058.D
Acq: 26 Mar 2021 12:31

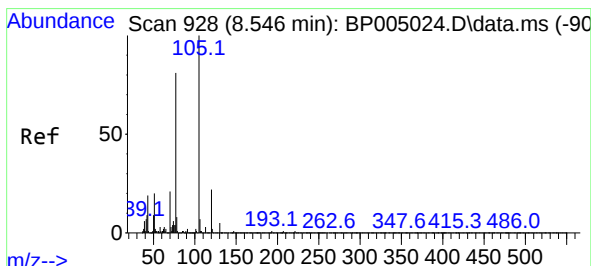
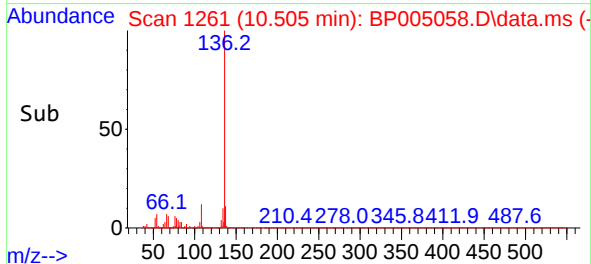
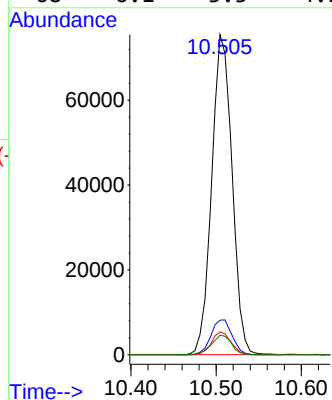
Instrument :
BNA_P
ClientSampleId :
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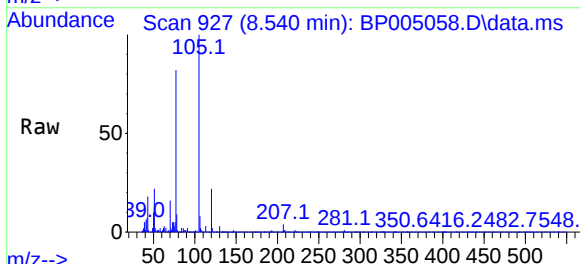
Tgt Ion:	136	Resp:	125274
Ion Ratio	Lower	Upper	
136	100		
137	10.8	8.6	13.0
54	7.1	3.6	5.4#
68	6.1	3.3	4.9#

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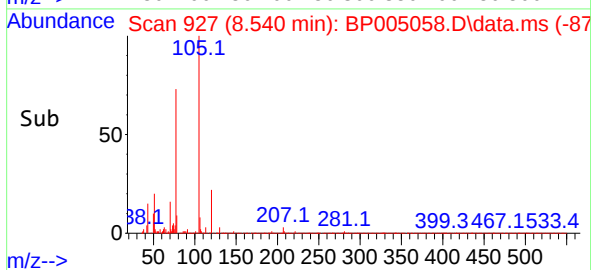
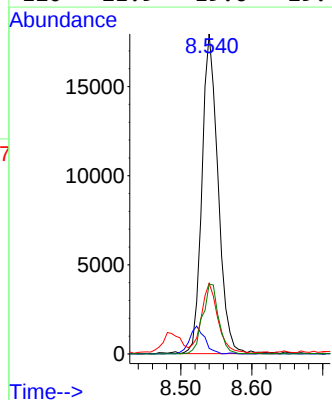
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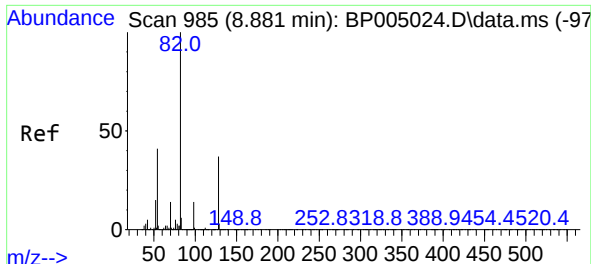


#22
Acetophenone
Concen: 7.89 ng
RT: 8.540 min Scan# 927
Delta R.T. -0.000 min
Lab File: BP005058.D
Acq: 26 Mar 2021 12:31



Tgt Ion:	105	Resp:	28422
Ion Ratio	Lower	Upper	
105	100		
71	1.7	2.6	3.8#
51	22.1	13.5	20.3#
120	21.9	19.6	29.4





#23

Nitrobenzene-d5

Concen: 61.10 ng

RT: 8.875 min Scan# 984

Delta R.T. -0.006 min

Lab File: BP005058.D

Acq: 26 Mar 2021 12:31

Tgt Ion: 82 Resp: 178391

Ion Ratio Lower Upper

82 100

128 37.6 45.6 68.4#

54 38.8 30.1 45.1

Instrument :

BNA_P

ClientSampleId :

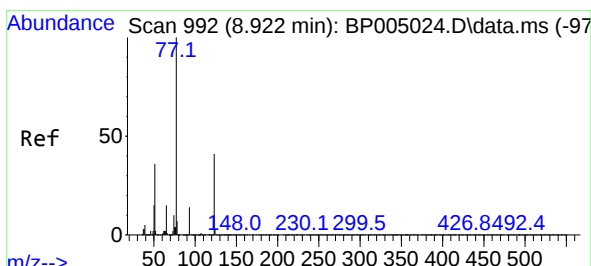
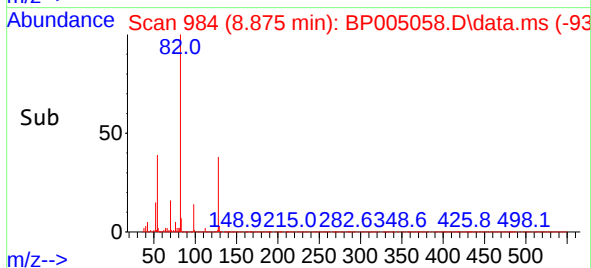
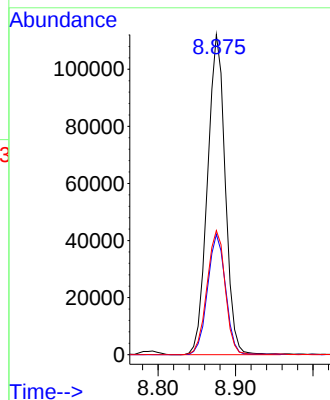
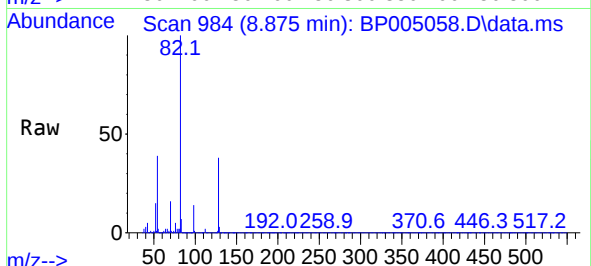
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#24

Nitrobenzene

Concen: 7.68 ng

RT: 8.916 min Scan# 991

Delta R.T. -0.006 min

Lab File: BP005058.D

Acq: 26 Mar 2021 12:31

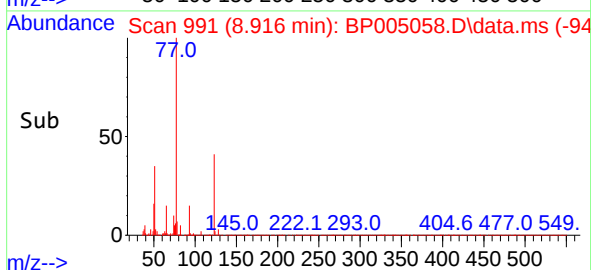
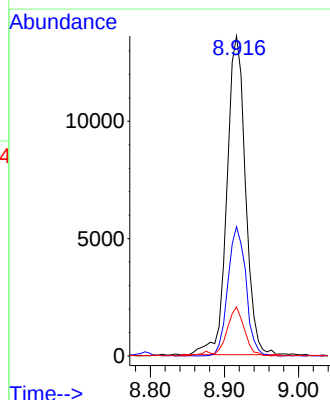
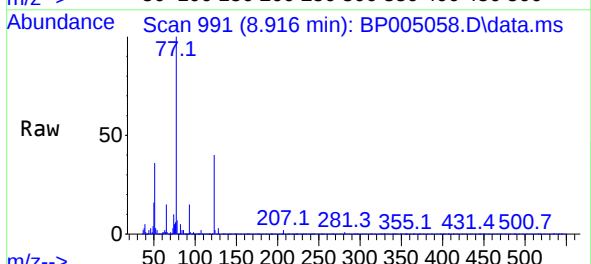
Tgt Ion: 77 Resp: 23628

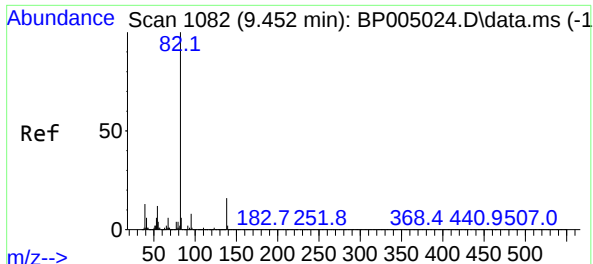
Ion Ratio Lower Upper

77 100

123 40.4 48.6 72.8#

65 15.3 10.0 15.0#





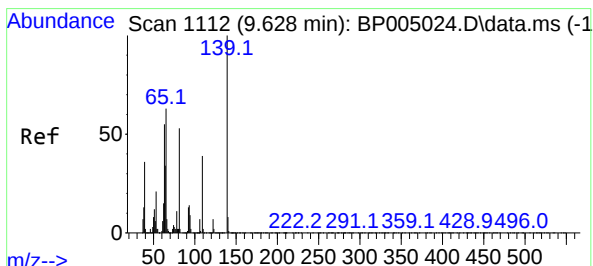
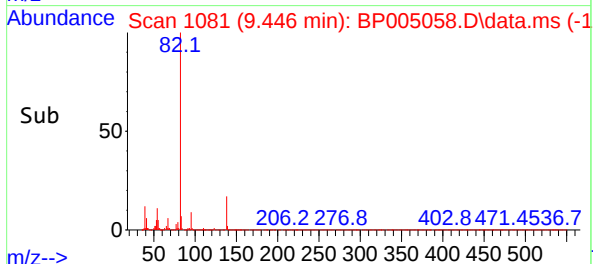
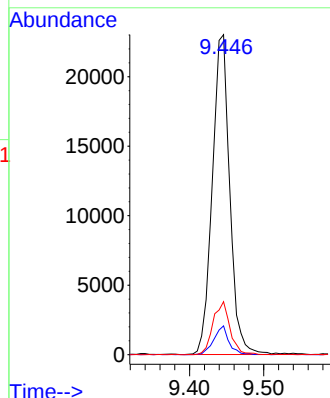
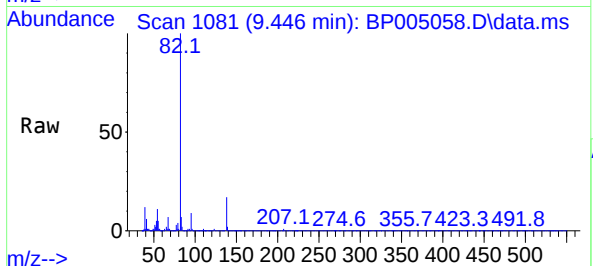
#25
Isophorone
Concen: 6.98 ng
RT: 9.446 min Scan# 1081
Delta R.T. -0.000 min
Lab File: BP005058.D
Acq: 26 Mar 2021 12:31

Tgt Ion: 82 Resp: 37624
Ion Ratio Lower Upper
82 100
95 9.0 6.4 9.6
138 16.5 18.7 28.1#

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT1-2021

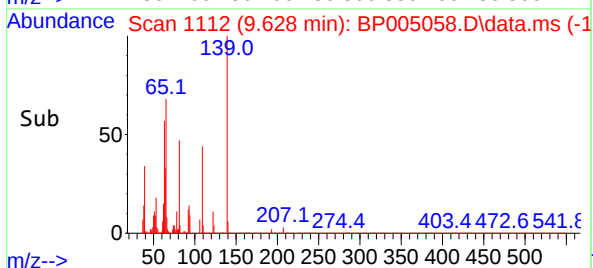
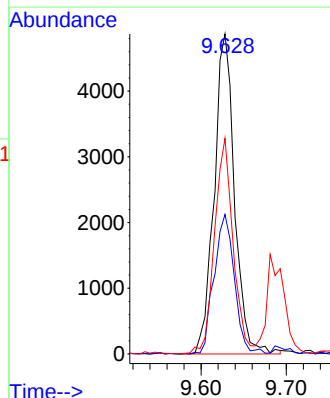
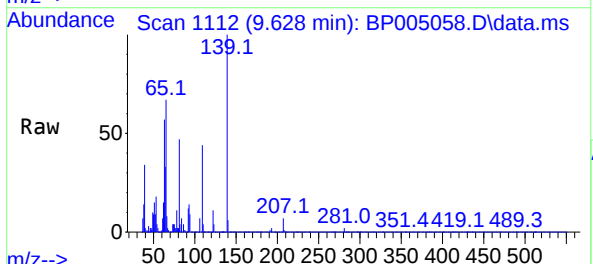
Manual Integrations
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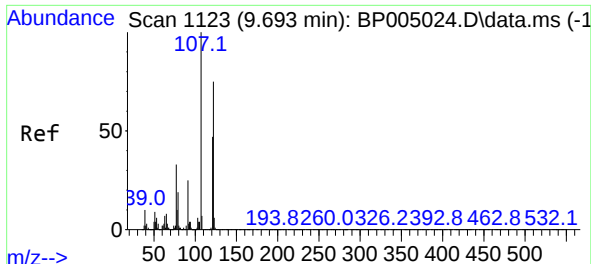
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#26
2-Nitrophenol
Concen: 6.80 ng
RT: 9.628 min Scan# 1112
Delta R.T. -0.000 min
Lab File: BP005058.D
Acq: 26 Mar 2021 12:31

Tgt Ion: 139 Resp: 8111
Ion Ratio Lower Upper
139 100
109 43.6 22.1 33.1#
65 67.4 26.5 39.7#





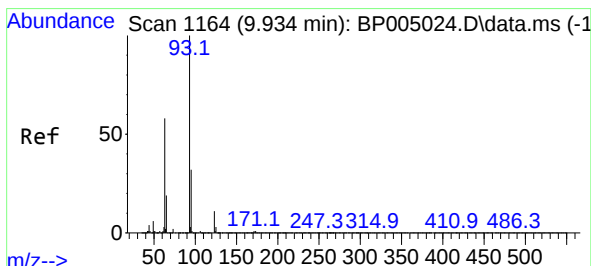
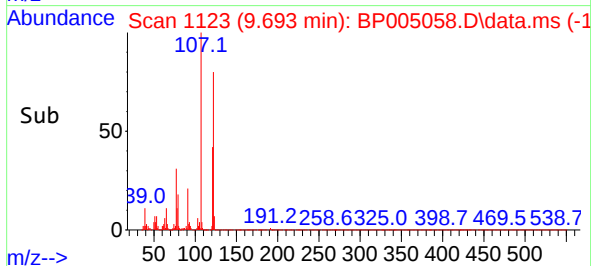
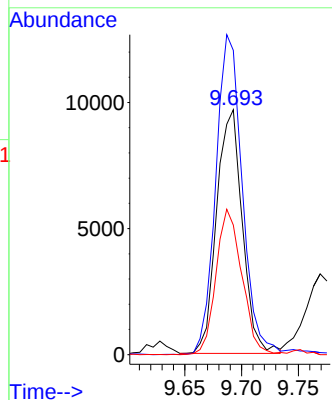
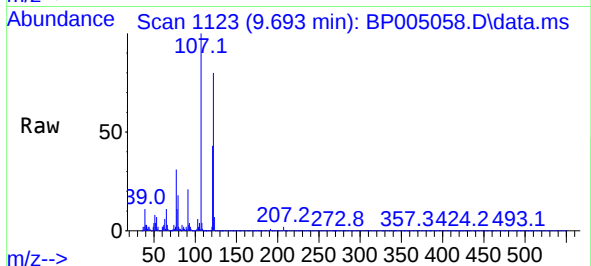
#27
2,4-Dimethylphenol
Concen: 7.95 ng
RT: 9.693 min Scan# 1123
Delta R.T. -0.000 min
Lab File: BP005058.D
Acq: 26 Mar 2021 12:31

Tgt Ion:	122	Resp:	15259
Ion	Ratio	Lower	Upper
122	100		
107	124.3	87.3	130.9
121	52.9	47.3	70.9

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT1-2021

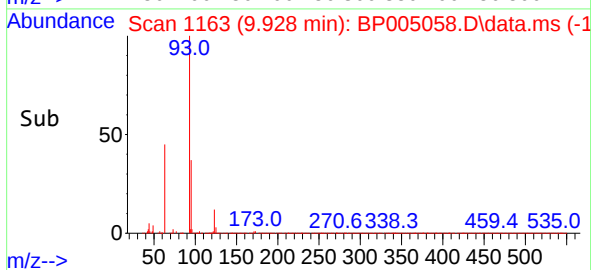
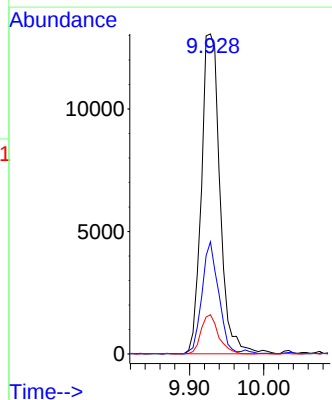
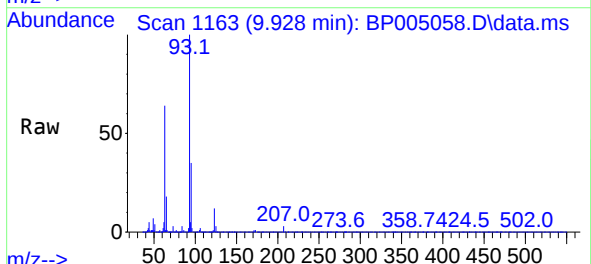
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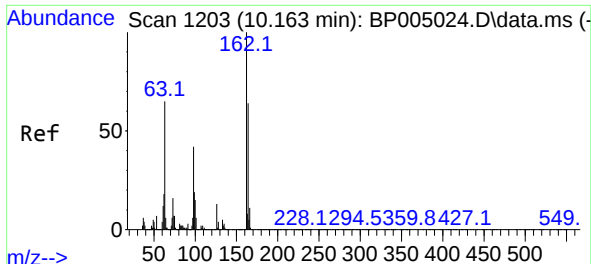
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 8.35 ng
RT: 9.928 min Scan# 1163
Delta R.T. -0.000 min
Lab File: BP005058.D
Acq: 26 Mar 2021 12:31

Tgt Ion:	93	Resp:	22783
Ion	Ratio	Lower	Upper
93	100		
95	35.0	26.7	40.1
123	12.2	10.5	15.7





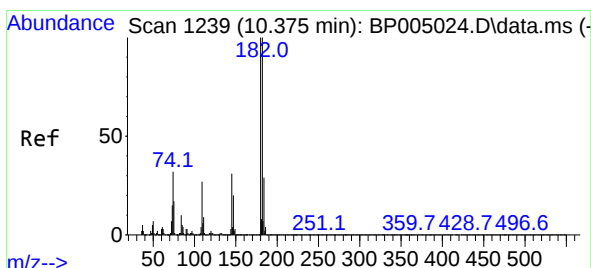
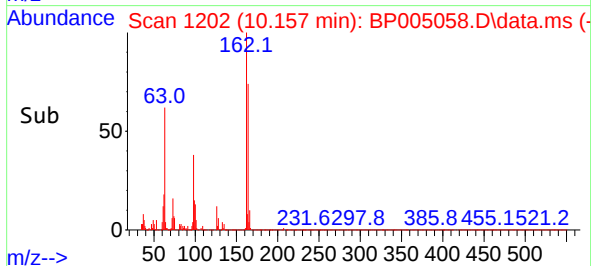
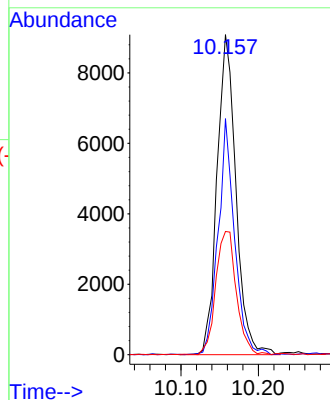
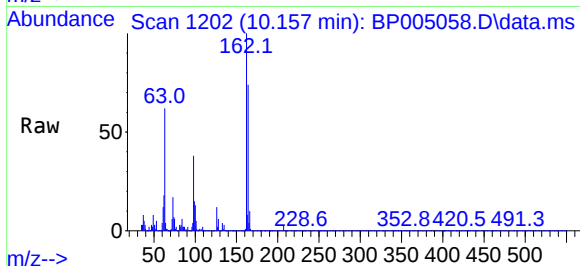
#29
2,4-Dichlorophenol
Concen: 7.19 ng
RT: 10.157 min Scan# 1202
Delta R.T. -0.000 min
Lab File: BP005058.D
Acq: 26 Mar 2021 12:31

Tgt Ion:	162	Resp:	15435
Ion Ratio	Lower	Upper	
162	100		
164	73.7	45.8	85.8
98	38.5	10.2	50.2

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT1-2021

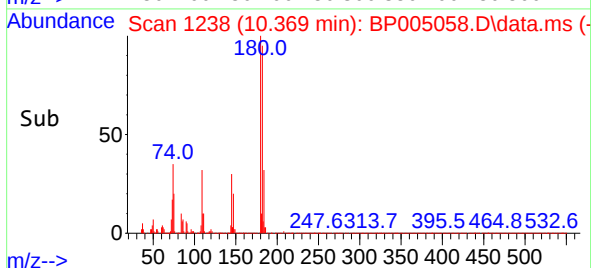
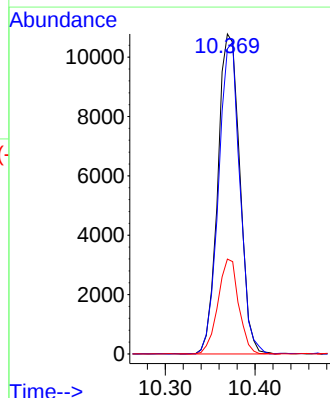
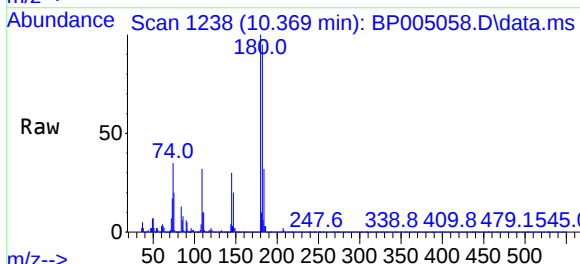
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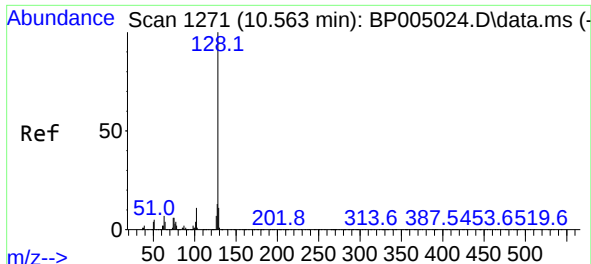
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#30
1,2,4-Trichlorobenzene
Concen: 7.59 ng
RT: 10.369 min Scan# 1238
Delta R.T. -0.000 min
Lab File: BP005058.D
Acq: 26 Mar 2021 12:31

Tgt Ion:	180	Resp:	18302
Ion Ratio	Lower	Upper	
180	100		
182	95.3	76.2	114.2
145	29.6	23.8	35.8





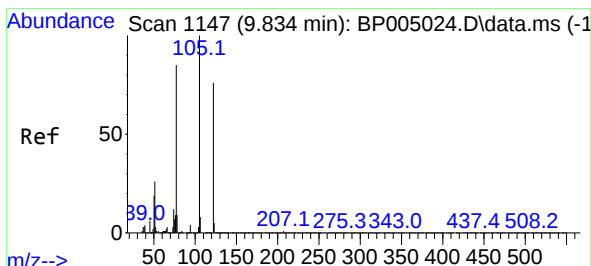
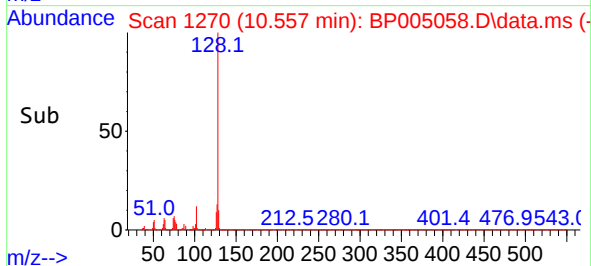
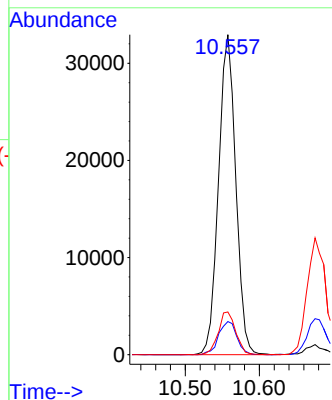
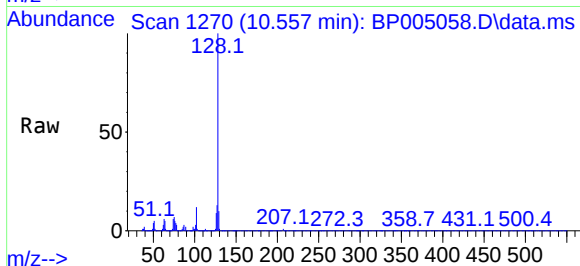
#31
Naphthalene
Concen: 7.52 ng
RT: 10.557 min Scan# 1270
Delta R.T. -0.000 min
Lab File: BP005058.D
Acq: 26 Mar 2021 12:31

Tgt Ion:128 Resp: 53202
Ion Ratio Lower Upper
128 100
129 10.4 8.8 13.2
127 13.4 10.6 15.8

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT1-2021

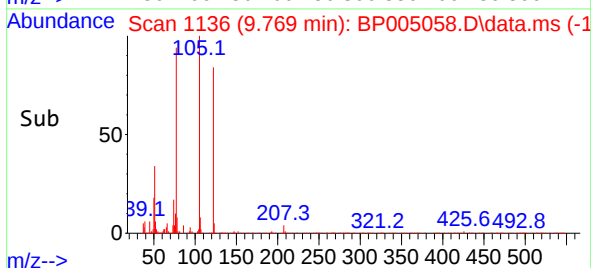
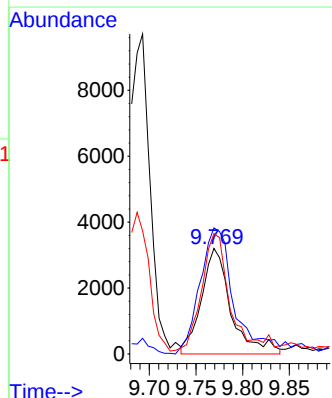
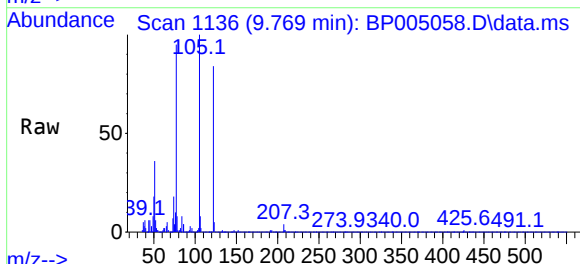
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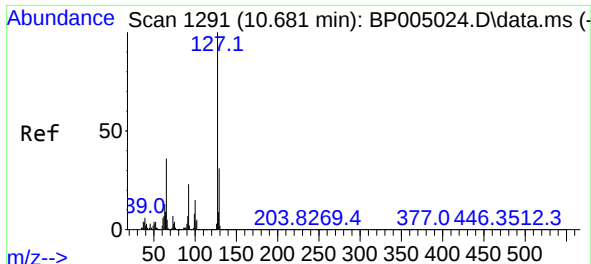
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#32
Benzoic acid
Concen: 4.96 ng m
RT: 9.769 min Scan# 1136
Delta R.T. -0.059 min
Lab File: BP005058.D
Acq: 26 Mar 2021 12:31

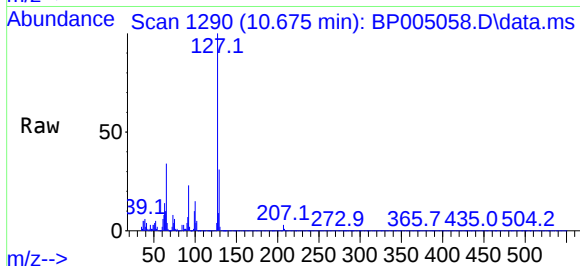
Tgt Ion:122 Resp: 7073
Ion Ratio Lower Upper
122 100
105 119.5 94.1 134.1
77 114.1 50.1 90.1#





#33
4-Chloroaniline
Concen: 7.73 ng
RT: 10.675 min Scan# 1290
Delta R.T. -0.000 min
Lab File: BP005058.D
Acq: 26 Mar 2021 12:31

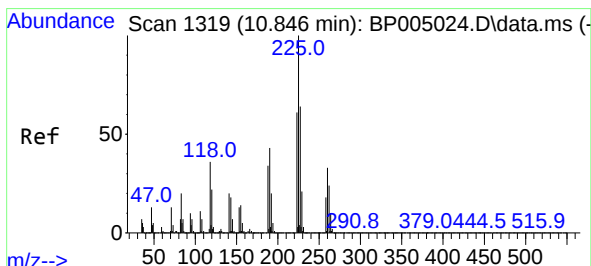
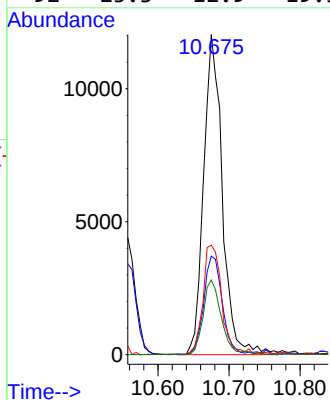
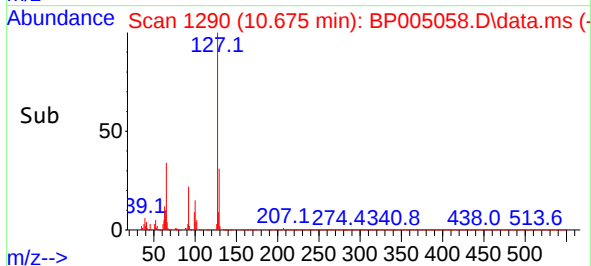
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT1-2021



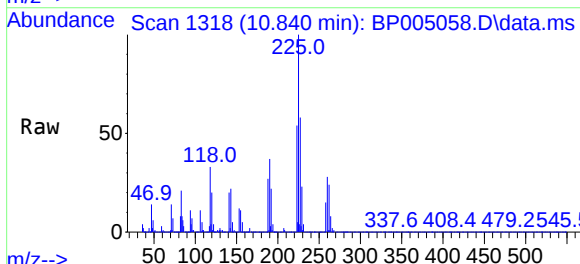
Tgt Ion:	127	Resp:	22137
Ion Ratio	Lower	Upper	
127	100		
129	30.8	25.7	38.5
65	34.2	17.3	25.9#
92	23.3	12.9	19.3#

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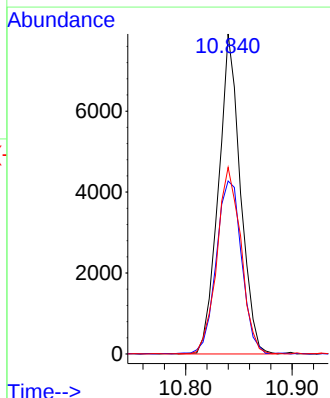
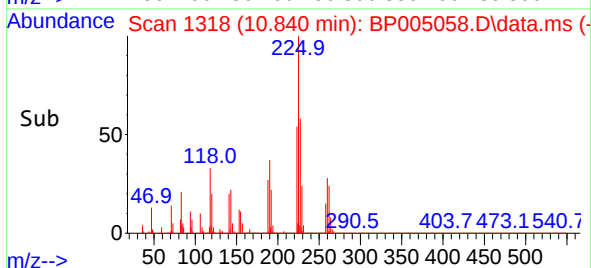
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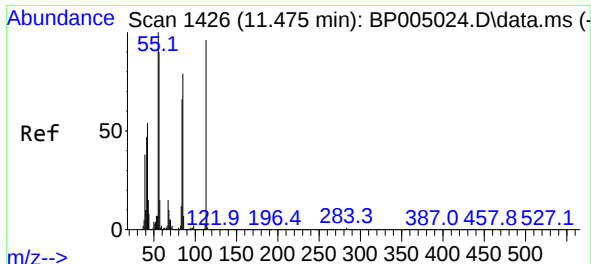


#34
Hexachlorobutadiene
Concen: 7.28 ng
RT: 10.840 min Scan# 1318
Delta R.T. -0.000 min
Lab File: BP005058.D
Acq: 26 Mar 2021 12:31



Tgt Ion:	225	Resp:	11306
Ion Ratio	Lower	Upper	
225	100		
223	54.0	50.1	75.1
227	58.3	51.4	77.2





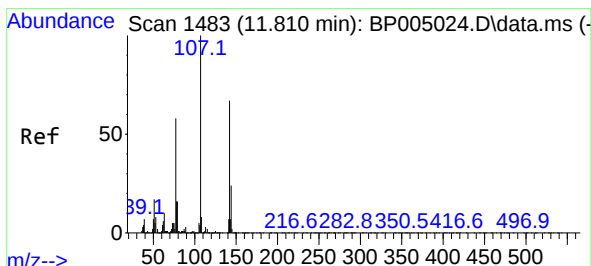
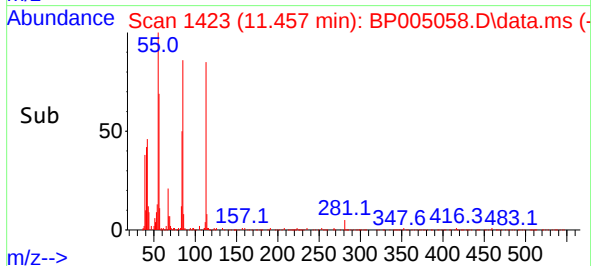
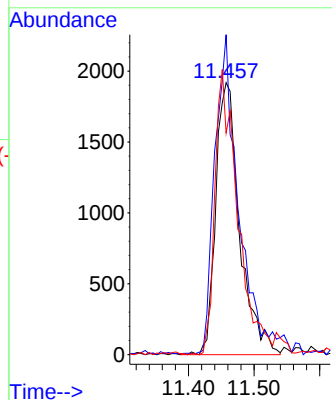
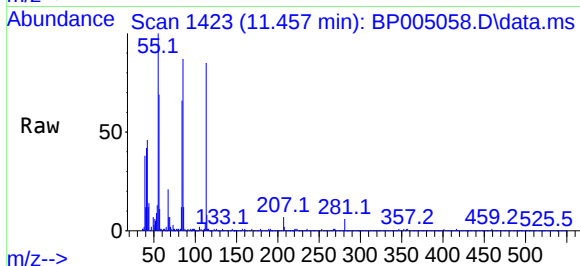
#35
Caprolactam
Concen: 6.85 ng
RT: 11.457 min Scan# 1423
Delta R.T. -0.012 min
Lab File: BP005058.D
Acq: 26 Mar 2021 12:31

Tgt Ion:113 Resp: 4827
Ion Ratio Lower Upper
113 100
55 117.7 77.3 117.3#
56 81.5 55.9 95.9

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT1-2021

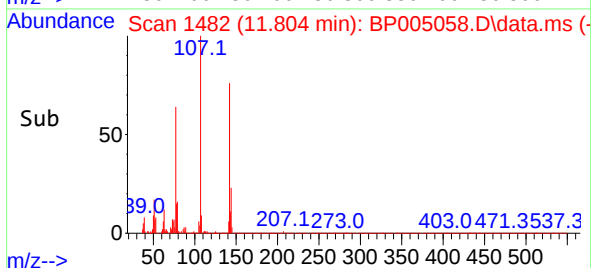
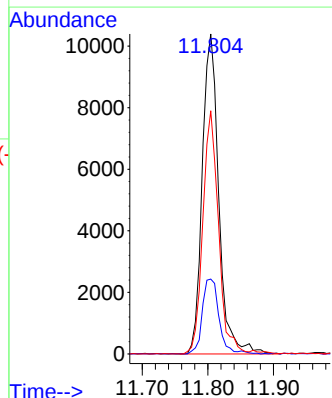
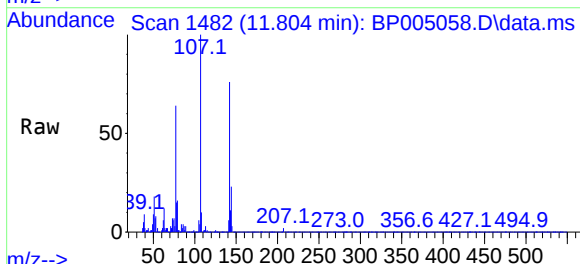
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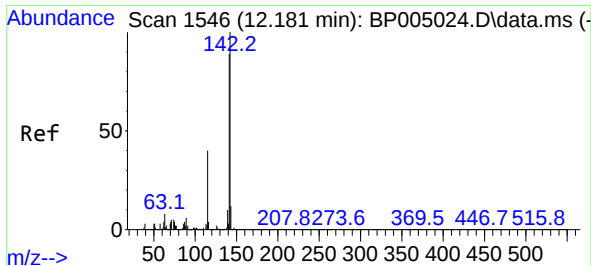
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#36
4-Chloro-3-methylphenol
Concen: 7.04 ng
RT: 11.804 min Scan# 1482
Delta R.T. -0.000 min
Lab File: BP005058.D
Acq: 26 Mar 2021 12:31

Tgt Ion:107 Resp: 18269
Ion Ratio Lower Upper
107 100
144 23.4 22.7 34.1
142 76.0 70.7 106.1





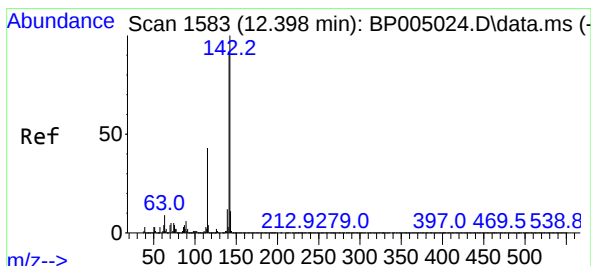
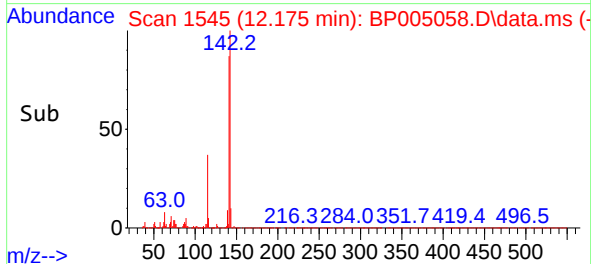
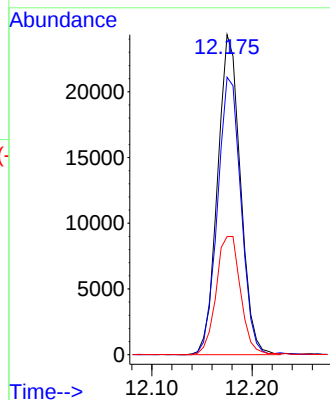
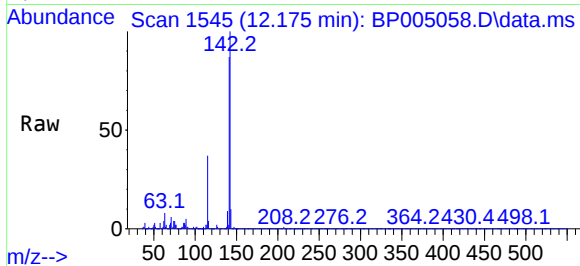
#37
2-Methylnaphthalene
Concen: 7.52 ng
RT: 12.175 min Scan# 1545
Delta R.T. -0.006 min
Lab File: BP005058.D
Acq: 26 Mar 2021 12:31

Tgt Ion:	142	Resp:	38432
Ion Ratio	Lower	Upper	
142	100		
141	86.7	71.4	107.2
115	36.9	25.8	38.6

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT1-2021

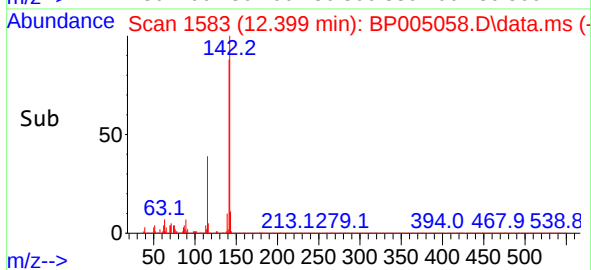
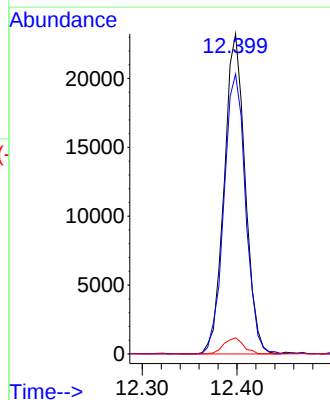
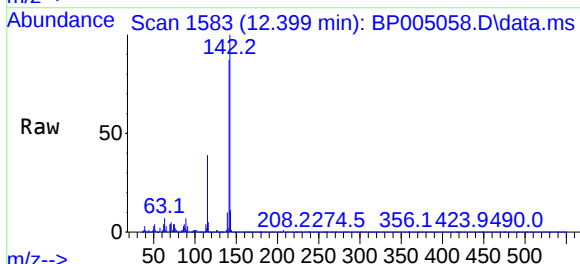
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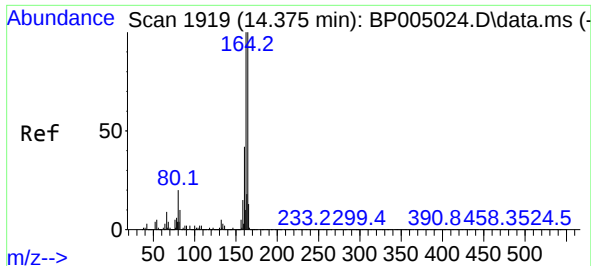
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#38
1-Methylnaphthalene
Concen: 7.48 ng
RT: 12.399 min Scan# 1583
Delta R.T. -0.000 min
Lab File: BP005058.D
Acq: 26 Mar 2021 12:31

Tgt Ion:	142	Resp:	35829
Ion Ratio	Lower	Upper	
142	100		
141	87.5	74.4	111.6
116	5.0	2.9	4.3





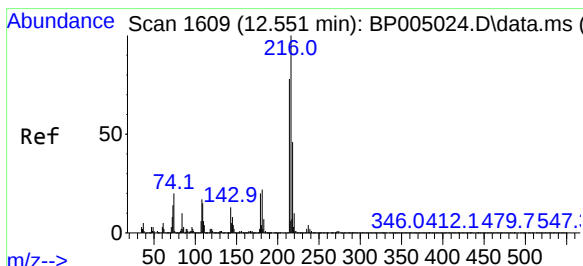
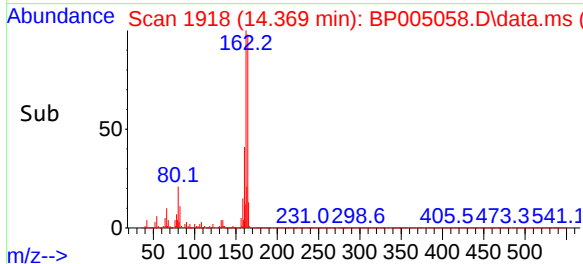
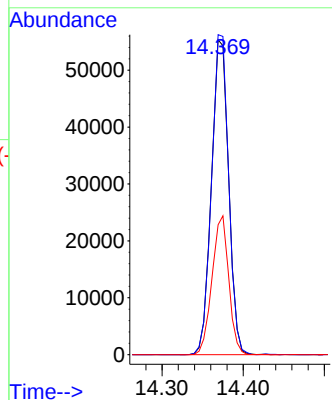
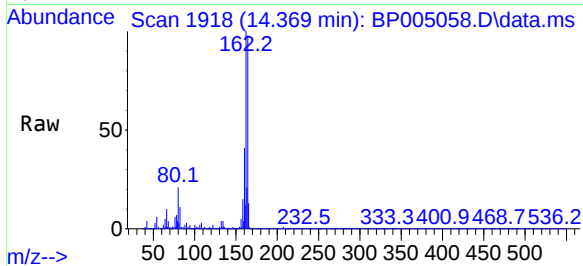
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.369 min Scan# 1918
Delta R.T. -0.006 min
Lab File: BP005058.D
Acq: 26 Mar 2021 12:31

Tgt Ion:	164	Resp:	81257
Ion Ratio	Lower	Upper	
164	100		
162	101.6	79.4	119.2
160	41.3	36.1	54.1

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT1-2021

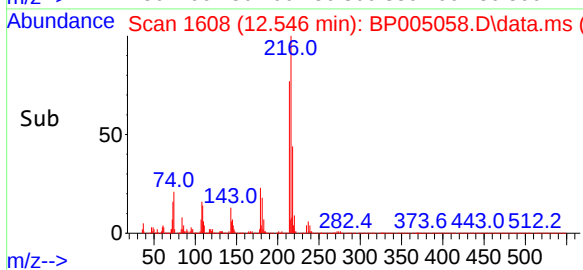
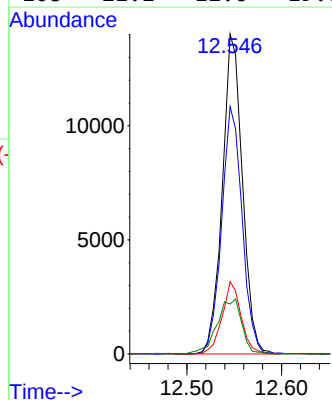
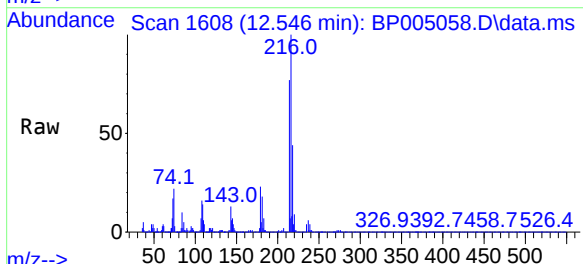
Manual Integrations
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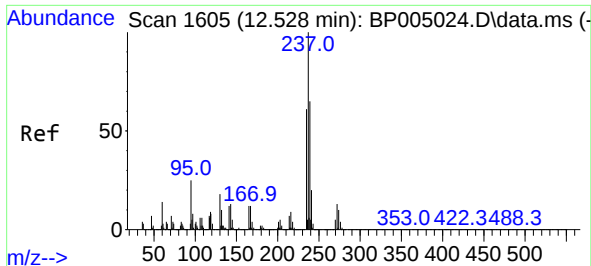
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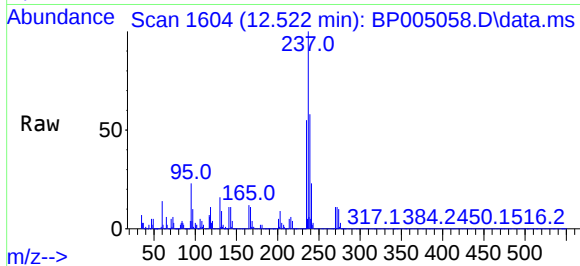
#40
1,2,4,5-Tetrachlorobenzene
Concen: 7.83 ng
RT: 12.546 min Scan# 1608
Delta R.T. -0.006 min
Lab File: BP005058.D
Acq: 26 Mar 2021 12:31

Tgt Ion:	216	Resp:	20712
Ion Ratio	Lower	Upper	
216	100		
214	78.8	63.0	94.6
179	21.6	16.9	25.3
108	21.1	12.6	19.0





#41
Hexachlorocyclopentadiene
Concen: 8.64 ng
RT: 12.522 min Scan# 1604
Delta R.T. -0.006 min
Lab File: BP005058.D
Acq: 26 Mar 2021 12:31



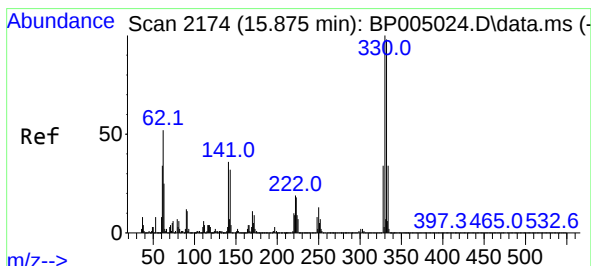
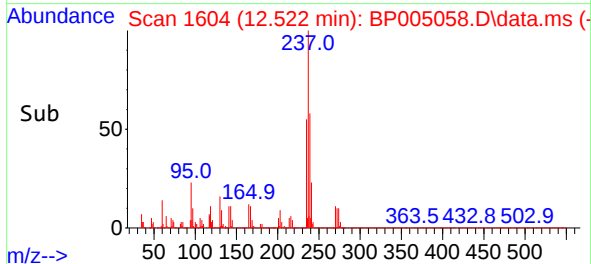
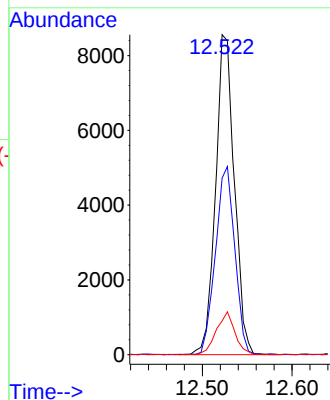
Tgt Ion: 237 Resp: 12440

Ion	Ratio	Lower	Upper
237	100		
235	55.2	43.2	83.2
272	10.6	0.0	33.3

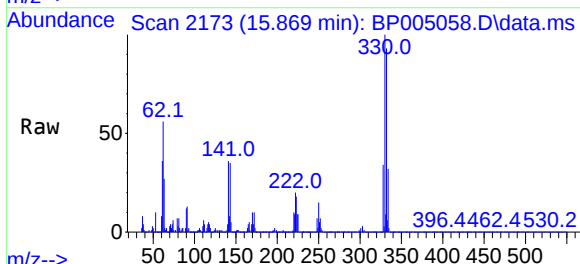
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT1-2021

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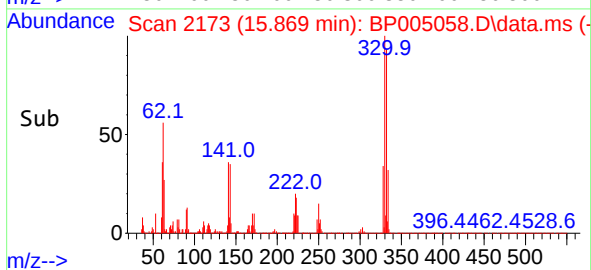
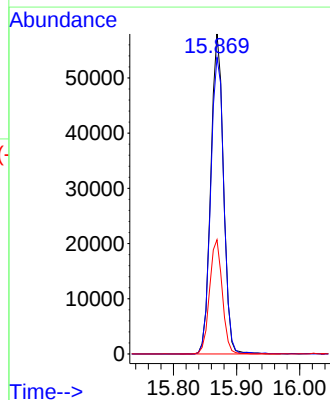


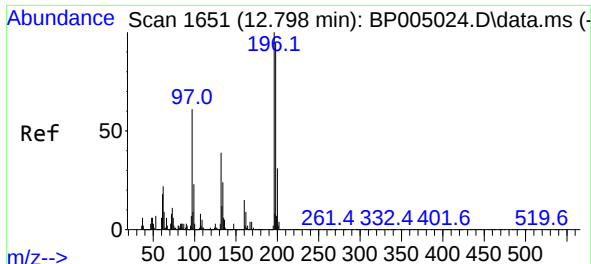
#42
2,4,6-Tribromophenol
Concen: 76.36 ng
RT: 15.869 min Scan# 2173
Delta R.T. -0.006 min
Lab File: BP005058.D
Acq: 26 Mar 2021 12:31



Tgt Ion: 330 Resp: 80846

Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.1	115.7
141	35.8	23.4	35.2





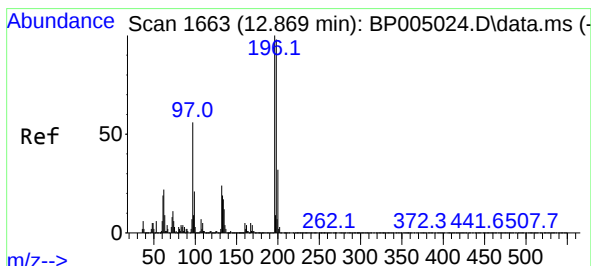
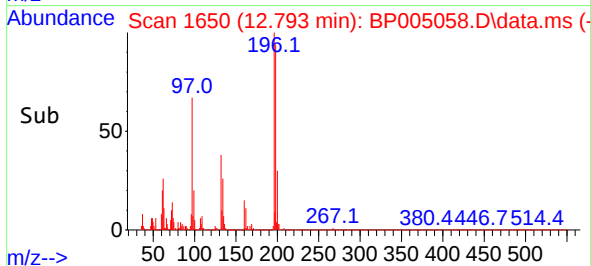
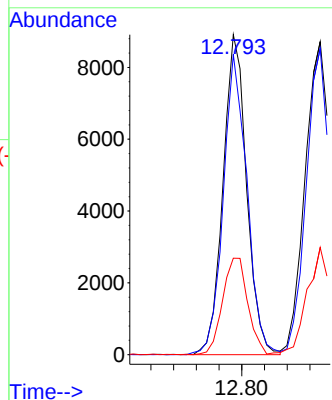
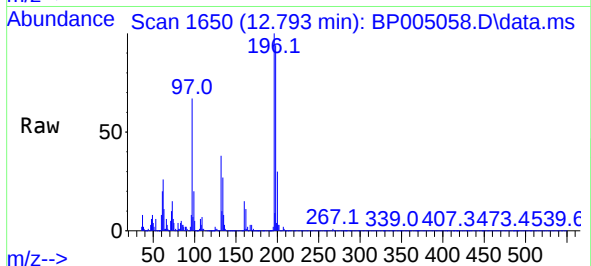
#43
2,4,6-Trichlorophenol
Concen: 7.04 ng
RT: 12.793 min Scan# 1650
Delta R.T. -0.000 min
Lab File: BP005058.D
Acq: 26 Mar 2021 12:31

Tgt Ion:196	Resp:	12867
Ion Ratio	Lower	Upper
196	100	
198	93.9	77.0 115.6
200	30.2	25.1 37.7

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT1-2021

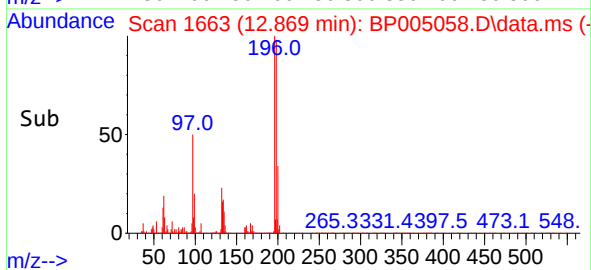
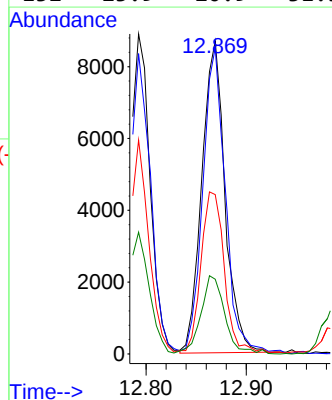
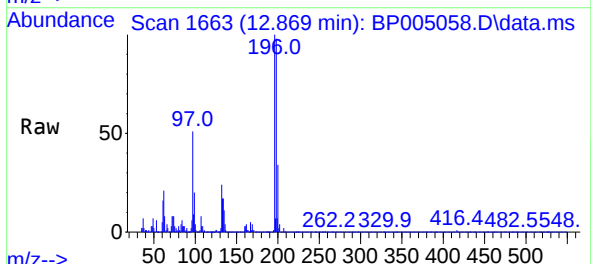
Manual Integrations
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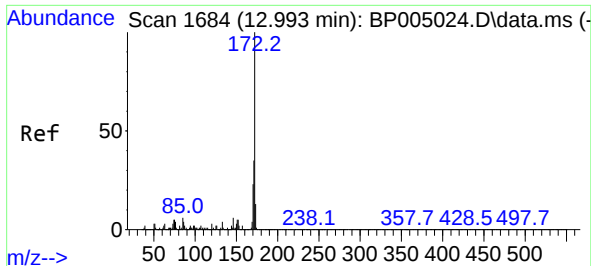
mohammad
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#44
2,4,5-Trichlorophenol
Concen: 7.06 ng
RT: 12.869 min Scan# 1663
Delta R.T. 0.006 min
Lab File: BP005058.D
Acq: 26 Mar 2021 12:31

Tgt Ion:196	Resp:	13977
Ion Ratio	Lower	Upper
196	100	
198	97.9	77.3 115.9
97	50.9	31.0 46.4#
132	23.9	20.9 31.3





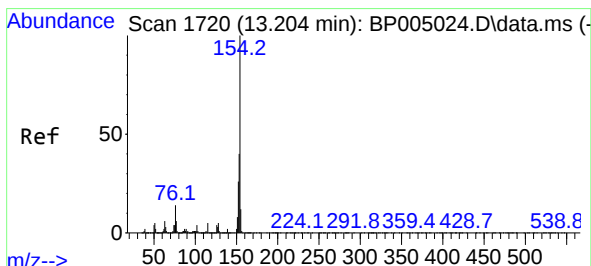
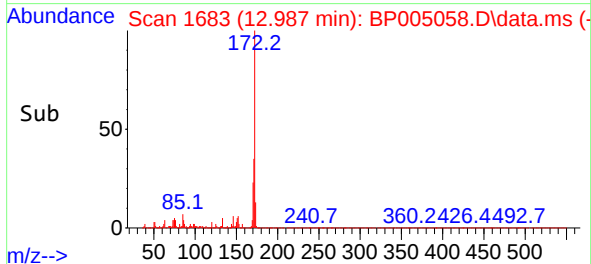
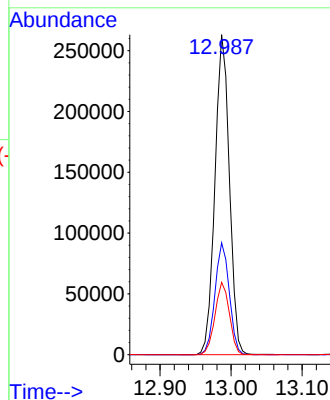
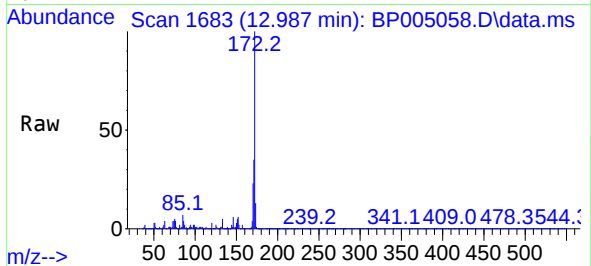
#45
2-Fluorobiphenyl
Concen: 61.72 ng
RT: 12.987 min Scan# 1683
Delta R.T. -0.000 min
Lab File: BP005058.D
Acq: 26 Mar 2021 12:31

Tgt Ion:	172	Resp:	370753
Ion Ratio	Lower	Upper	
172	100		
171	35.0	28.5	42.7
170	22.6	19.2	28.8

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT1-2021

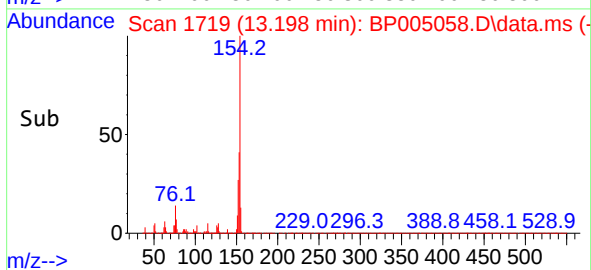
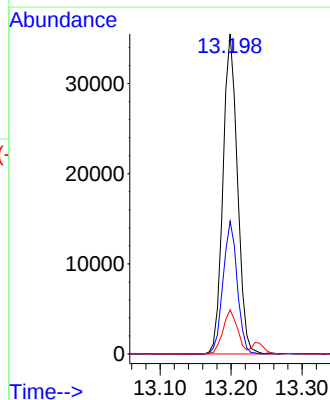
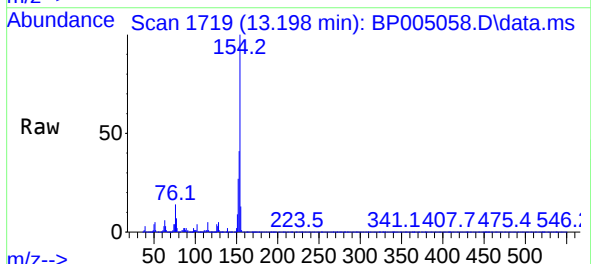
Manual Integrations
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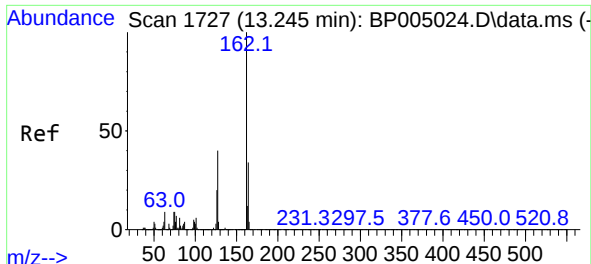
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#46
1,1'-Biphenyl
Concen: 8.09 ng
RT: 13.198 min Scan# 1719
Delta R.T. -0.006 min
Lab File: BP005058.D
Acq: 26 Mar 2021 12:31

Tgt Ion:	154	Resp:	50127
Ion Ratio	Lower	Upper	
154	100		
153	41.5	20.4	60.4
76	13.8	0.0	29.3





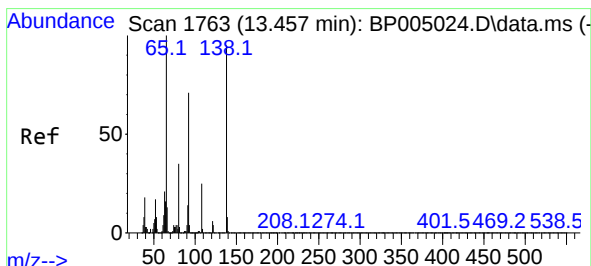
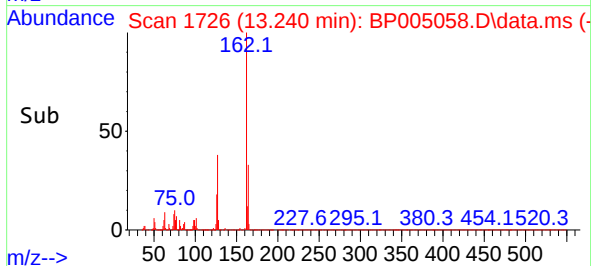
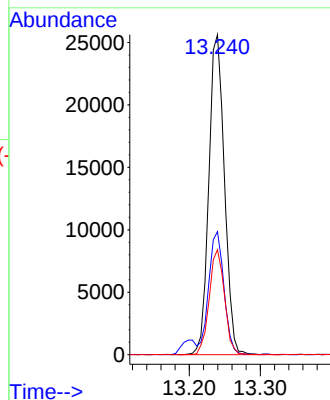
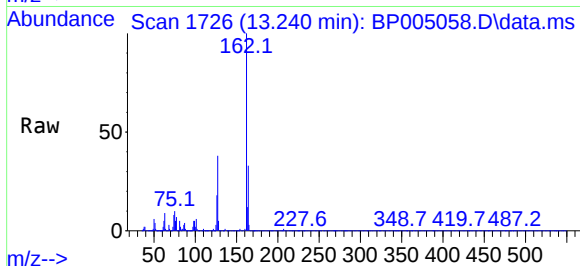
#47
2-Chloronaphthalene
Concen: 7.75 ng
RT: 13.240 min Scan# 1726
Delta R.T. -0.000 min
Lab File: BP005058.D
Acq: 26 Mar 2021 12:31

Tgt Ion:	162	Resp:	39122
Ion Ratio	Lower	Upper	
162	100		
127	38.5	29.9	44.9
164	32.8	26.1	39.1

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT1-2021

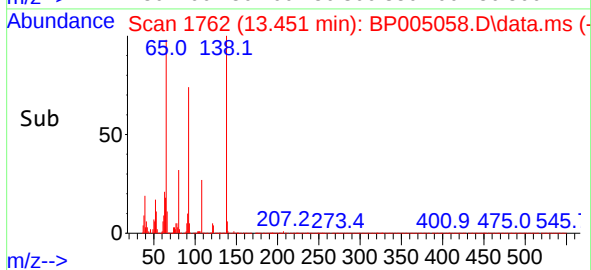
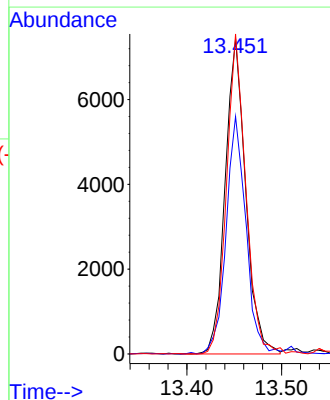
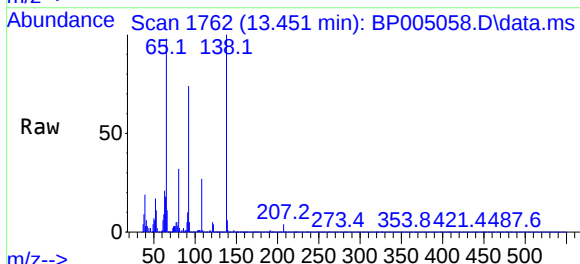
Manual Integrations
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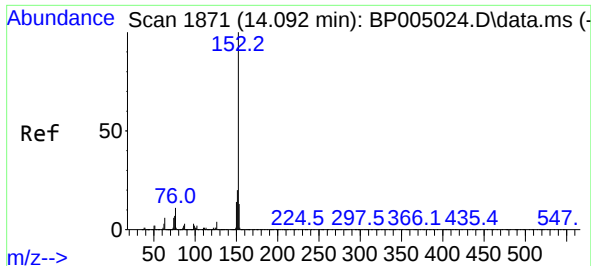
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#48
2-Nitroaniline
Concen: 6.95 ng
RT: 13.451 min Scan# 1762
Delta R.T. -0.000 min
Lab File: BP005058.D
Acq: 26 Mar 2021 12:31

Tgt Ion:	65	Resp:	11166
Ion Ratio	Lower	Upper	
65	100		
92	75.3	70.6	106.0
138	101.5	133.6	200.4





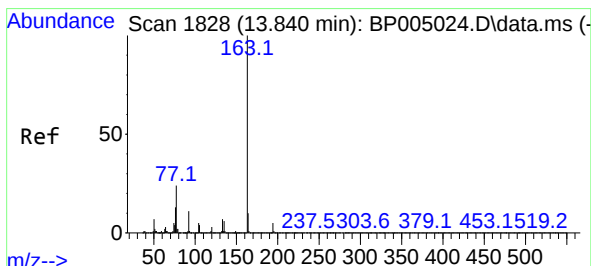
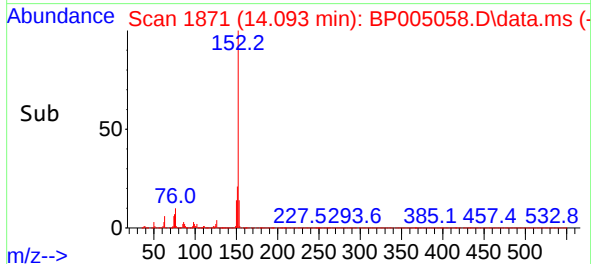
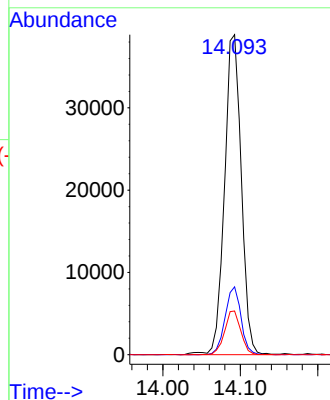
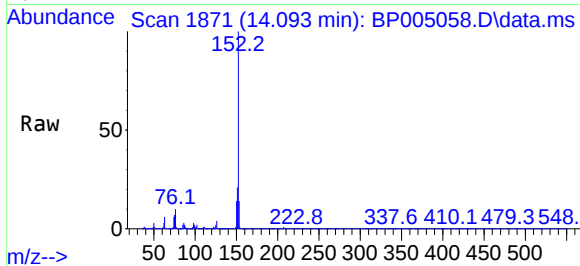
#49
Acenaphthylene
Concen: 7.45 ng
RT: 14.093 min Scan# 1871
Delta R.T. -0.000 min
Lab File: BP005058.D
Acq: 26 Mar 2021 12:31

Tgt Ion:	152	Resp:	58447
Ion Ratio	Lower	Upper	
152	100		
151	21.2	15.9	23.9
153	13.6	10.5	15.7

Instrument :
BNA_P
ClientSampleId :
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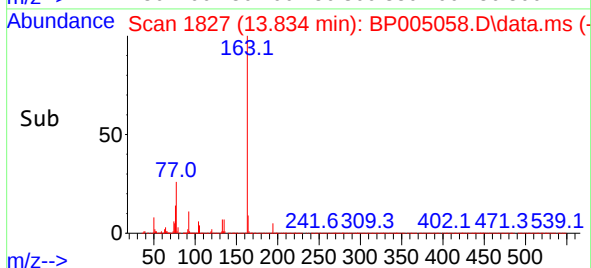
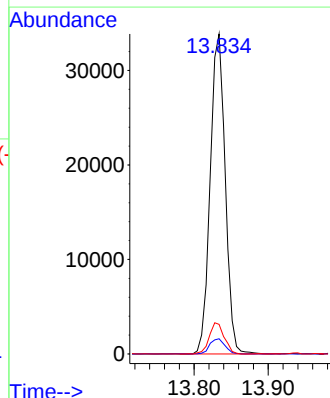
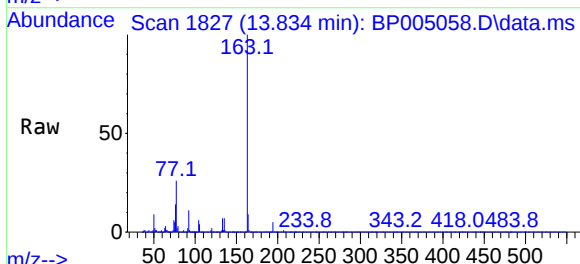
Manual Integrations
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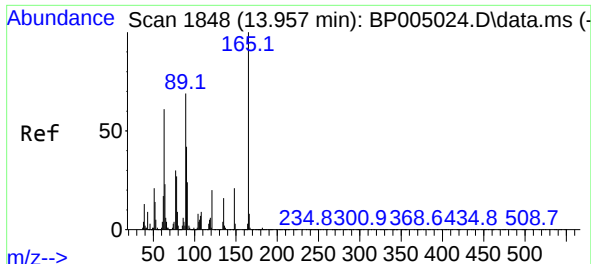
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#50
Dimethylphthalate
Concen: 7.61 ng
RT: 13.834 min Scan# 1827
Delta R.T. -0.006 min
Lab File: BP005058.D
Acq: 26 Mar 2021 12:31

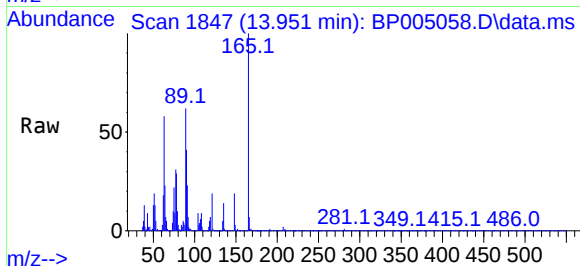
Tgt Ion:	163	Resp:	47655
Ion Ratio	Lower	Upper	
163	100		
194	4.8	3.3	4.9
164	9.3	8.2	12.2





#51
2,6-Dinitrotoluene
Concen: 7.32 ng
RT: 13.951 min Scan# 1847
Delta R.T. -0.000 min
Lab File: BP005058.D
Acq: 26 Mar 2021 12:31

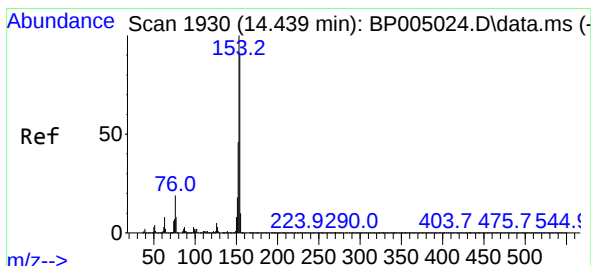
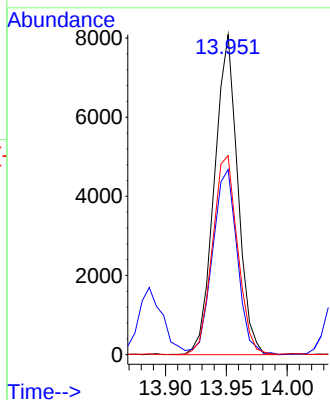
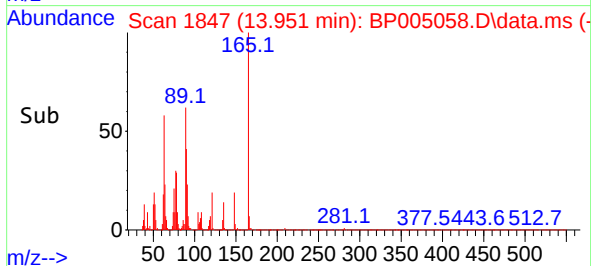
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT1-2021



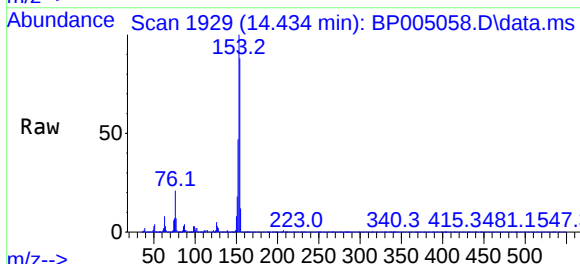
Tgt Ion:165 Resp: 10800
Ion Ratio Lower Upper
165 100
63 57.9 27.8 41.6#
89 62.2 34.6 52.0#

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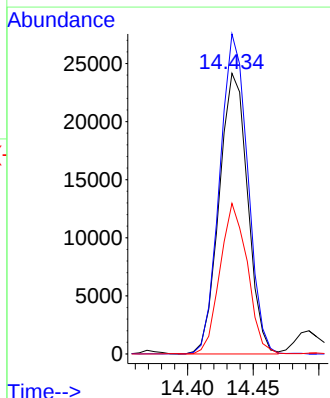
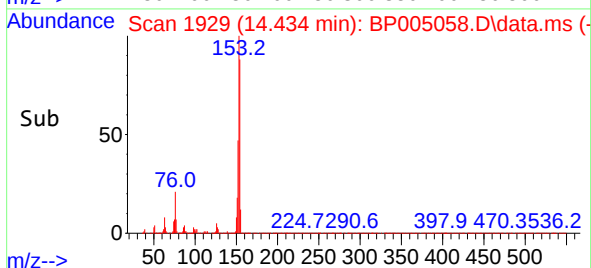
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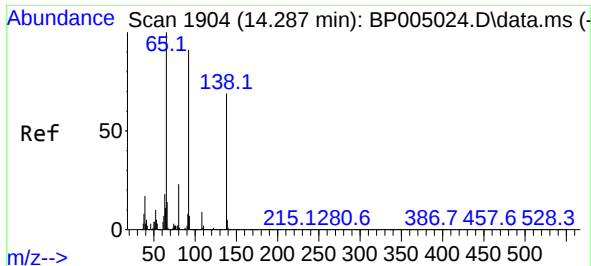


#52
Acenaphthene
Concen: 7.55 ng
RT: 14.434 min Scan# 1929
Delta R.T. -0.006 min
Lab File: BP005058.D
Acq: 26 Mar 2021 12:31



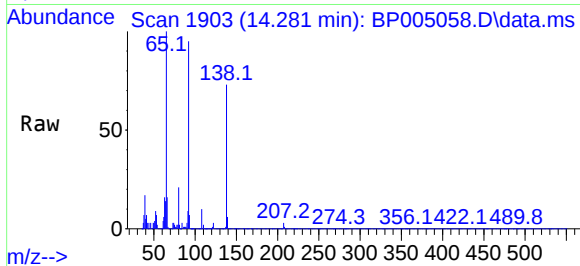
Tgt Ion:154 Resp: 36456
Ion Ratio Lower Upper
154 100
153 114.0 91.0 136.6
152 53.6 43.0 64.6





#53
3-Nitroaniline
Concen: 7.02 ng
RT: 14.281 min Scan# 1903
Delta R.T. -0.006 min
Lab File: BP005058.D
Acq: 26 Mar 2021 12:31

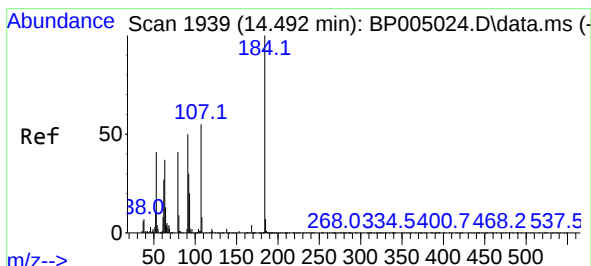
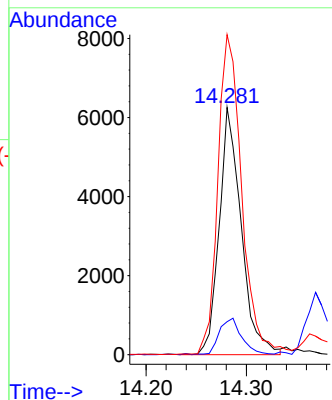
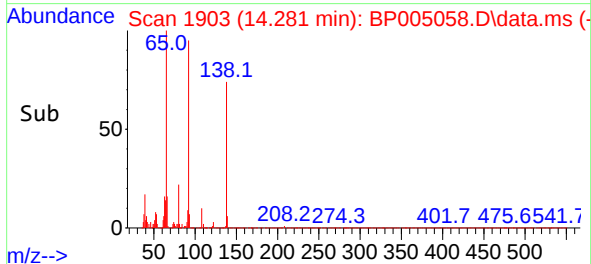
Instrument :
BNA_P
ClientSampleId :
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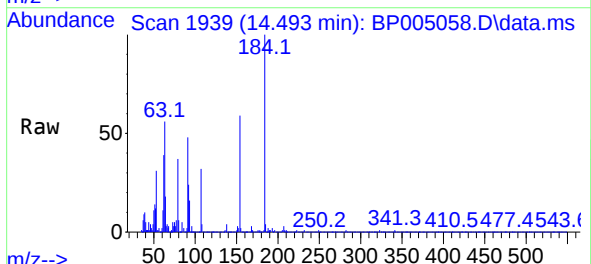
Tgt Ion:138 Resp: 9524
Ion Ratio Lower Upper
138 100
108 13.3 7.5 11.3#
92 129.4 75.0 112.6#

Manual Integrations
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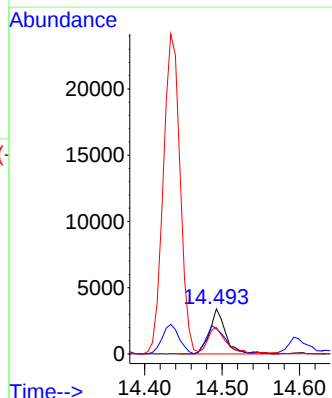
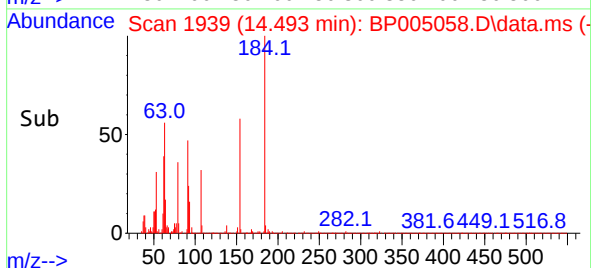
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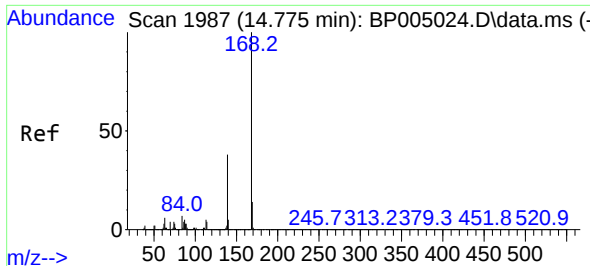


#54
2,4-Dinitrophenol
Concen: 5.50 ng
RT: 14.493 min Scan# 1939
Delta R.T. -0.000 min
Lab File: BP005058.D
Acq: 26 Mar 2021 12:31



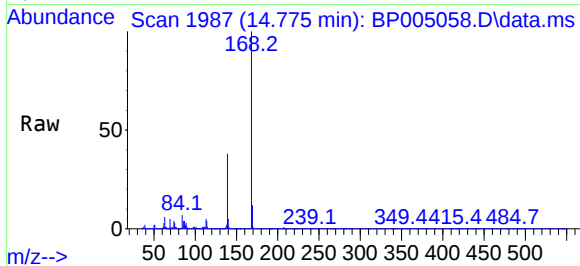
Tgt Ion:184 Resp: 4913
Ion Ratio Lower Upper
184 100
63 56.0 32.3 48.5#
154 58.5 49.1 73.7





#55
Dibenzofuran
Concen: 7.59 ng
RT: 14.775 min Scan# 1987
Delta R.T. -0.000 min
Lab File: BP005058.D
Acq: 26 Mar 2021 12:31

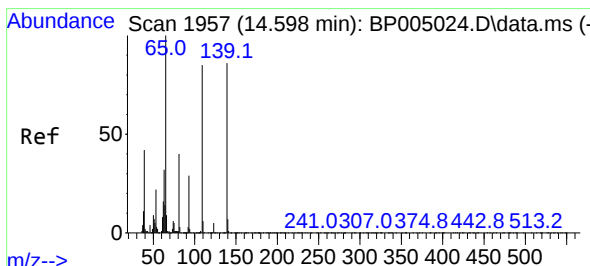
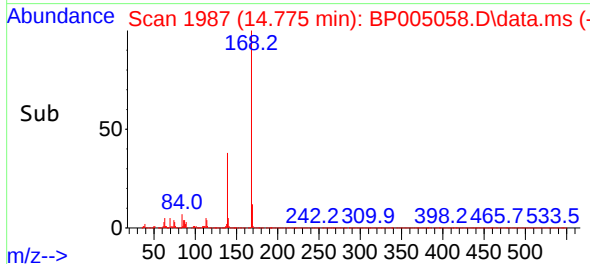
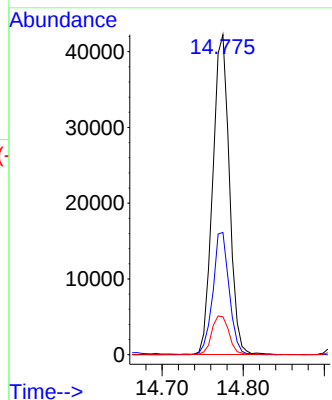
Instrument :
BNA_P
ClientSampleId :
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Tgt Ion:168 Resp: 60056
Ion Ratio Lower Upper
168 100
139 38.2 29.1 43.7
169 11.9 10.4 15.6

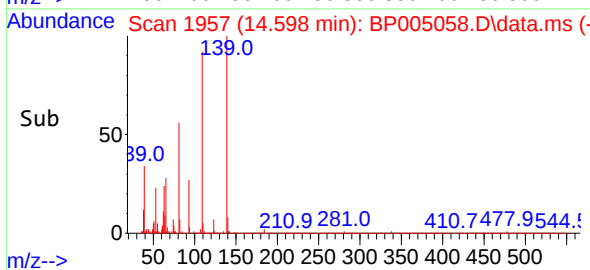
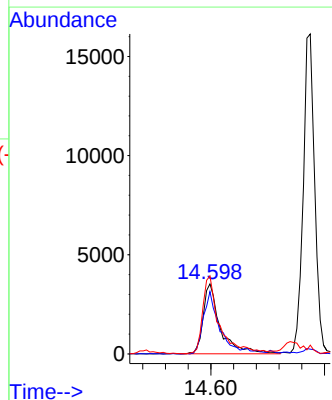
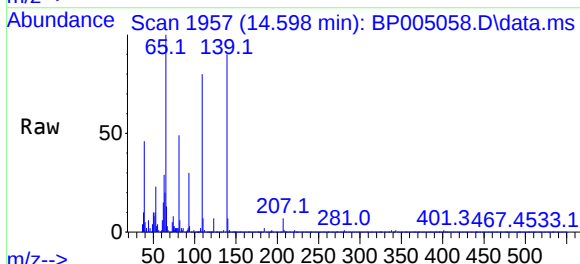
Manual Integrations
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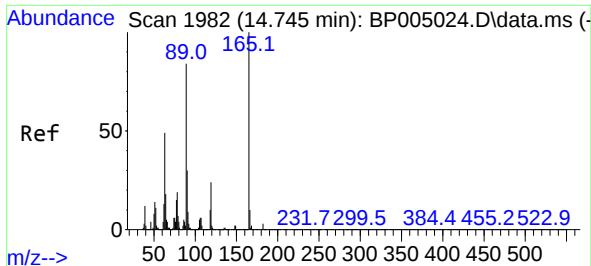
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#56
4-Nitrophenol
Concen: 6.63 ng
RT: 14.598 min Scan# 1957
Delta R.T. -0.000 min
Lab File: BP005058.D
Acq: 26 Mar 2021 12:31

Tgt Ion:139 Resp: 7387
Ion Ratio Lower Upper
139 100
109 89.2 44.6 84.6#
65 111.5 41.6 81.6#





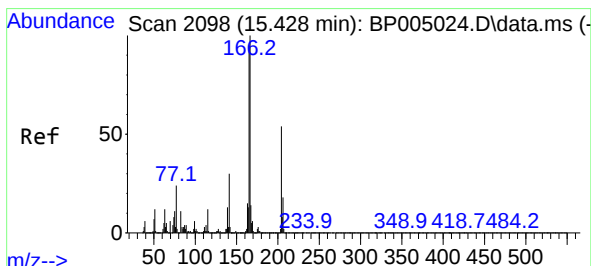
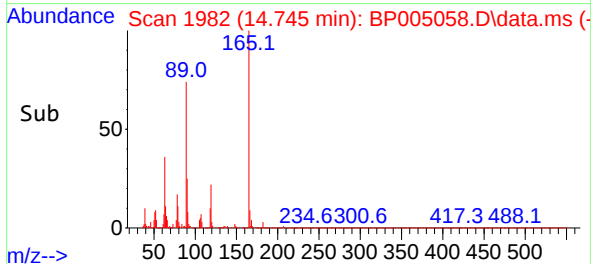
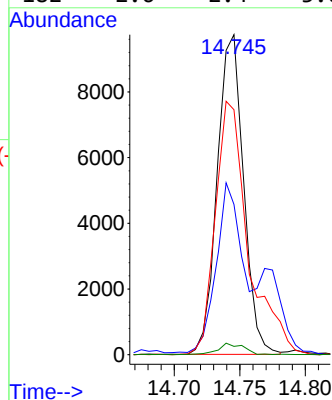
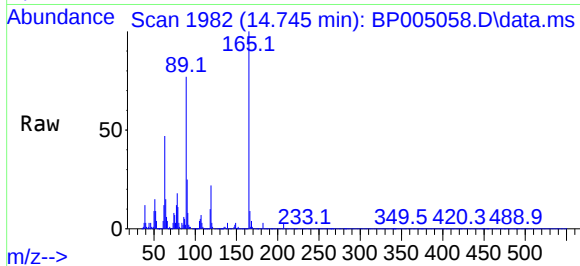
#57
2,4-Dinitrotoluene
Concen: 6.98 ng
RT: 14.745 min Scan# 1982
Delta R.T. -0.000 min
Lab File: BP005058.D
Acq: 26 Mar 2021 12:31

Tgt Ion:165 Resp: 13600
Ion Ratio Lower Upper
165 100
63 46.9 20.6 31.0#
89 76.5 42.6 63.8#
182 2.6 2.4 3.6

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT1-2021

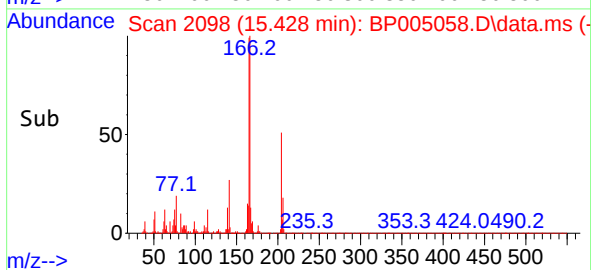
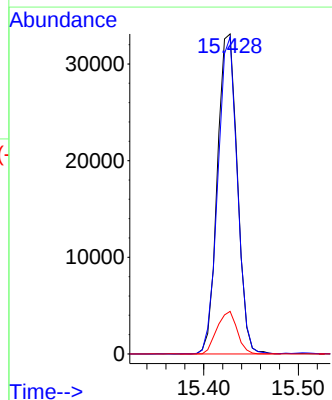
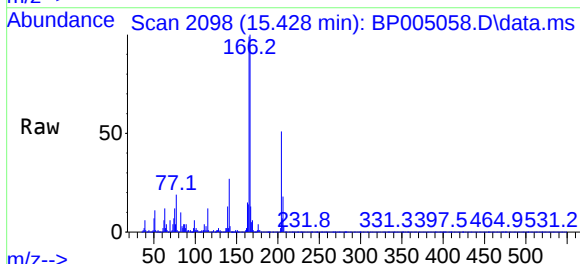
Manual Integrations
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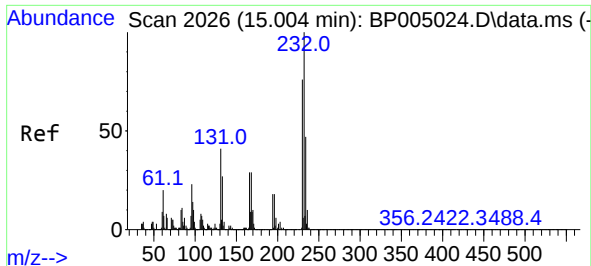
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#58
Fluorene
Concen: 7.57 ng
RT: 15.428 min Scan# 2098
Delta R.T. -0.000 min
Lab File: BP005058.D
Acq: 26 Mar 2021 12:31

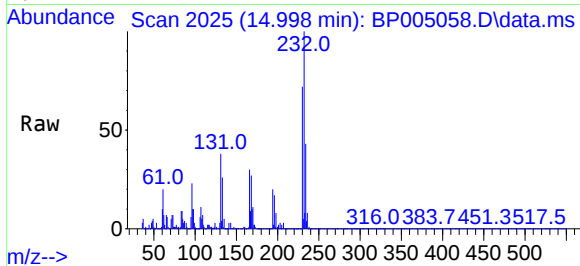
Tgt Ion:166 Resp: 48355
Ion Ratio Lower Upper
166 100
165 99.0 77.8 116.8
167 13.3 11.0 16.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 7.16 ng
RT: 14.998 min Scan# 2025
Delta R.T. -0.006 min
Lab File: BP005058.D
Acq: 26 Mar 2021 12:31

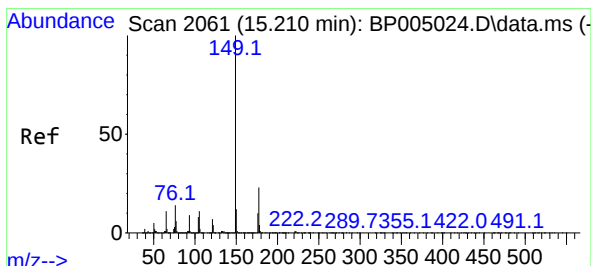
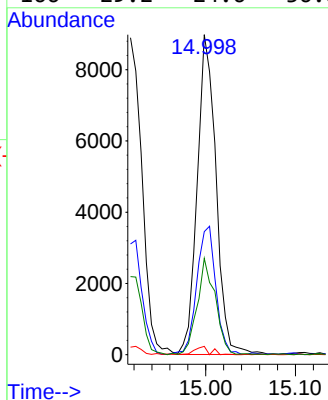
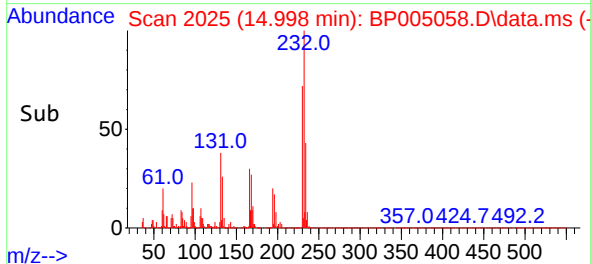
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT1-2021



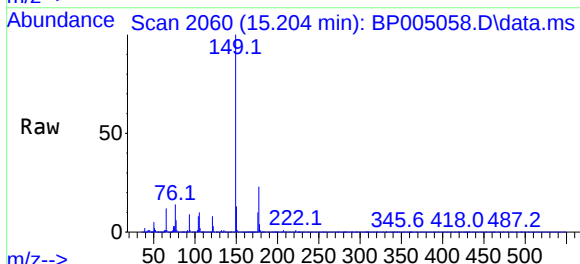
Tgt Ion:232 Resp: 13083
Ion Ratio Lower Upper
232 100
131 40.6 34.1 51.1
130 2.1 1.8 2.8
166 29.2 24.6 36.8

Manual Integrations
APPROVED

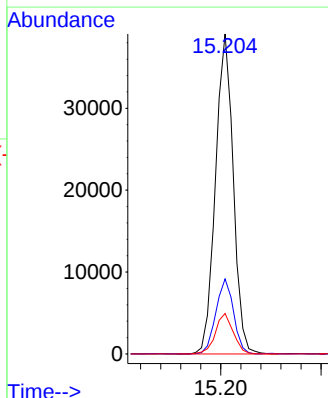
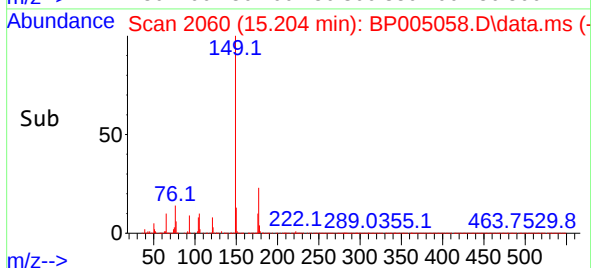
mohammad
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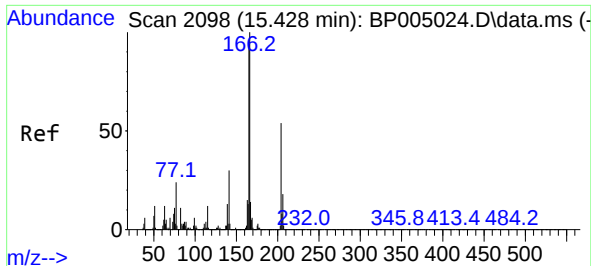


#60
Diethylphthalate
Concen: 7.82 ng
RT: 15.204 min Scan# 2060
Delta R.T. -0.006 min
Lab File: BP005058.D
Acq: 26 Mar 2021 12:31



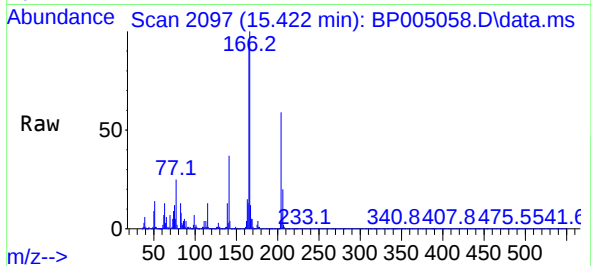
Tgt Ion:149 Resp: 47874
Ion Ratio Lower Upper
149 100
177 23.5 18.0 27.0
150 12.6 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 7.62 ng
RT: 15.422 min Scan# 2097
Delta R.T. -0.006 min
Lab File: BP005058.D
Acq: 26 Mar 2021 12:31

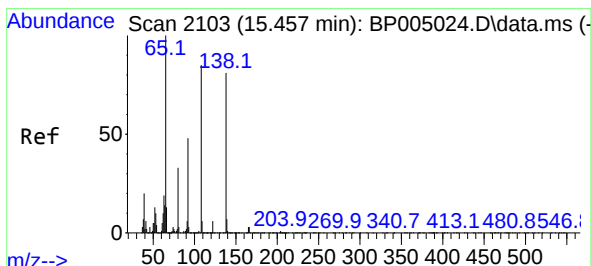
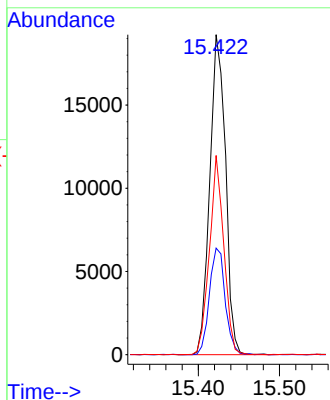
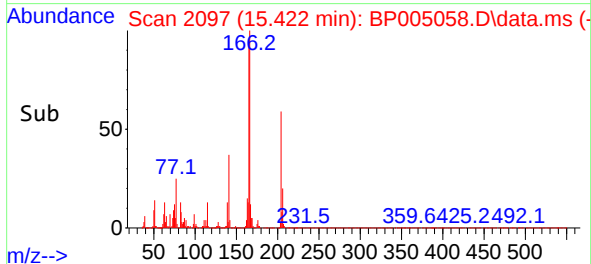
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT1-2021



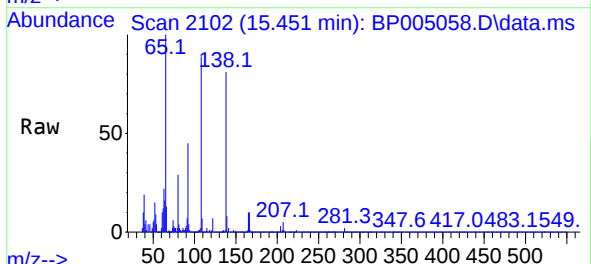
Tgt Ion:204 Resp: 25855
Ion Ratio Lower Upper
204 100
206 33.3 25.9 38.9
141 62.2 46.5 69.7

Manual Integrations
APPROVED

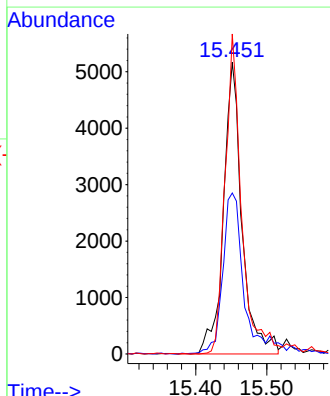
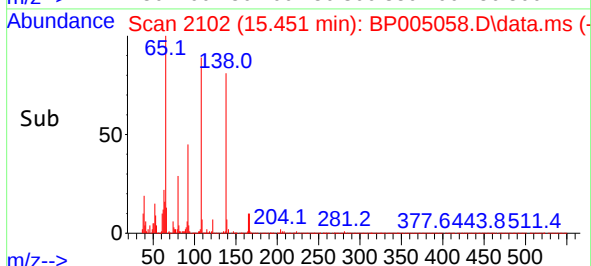
mohammad
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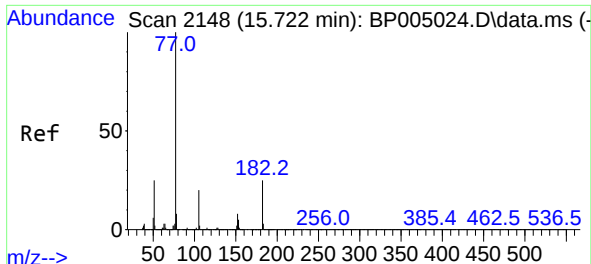


#62
4-Nitroaniline
Concen: 6.68 ng
RT: 15.451 min Scan# 2102
Delta R.T. -0.006 min
Lab File: BP005058.D
Acq: 26 Mar 2021 12:31



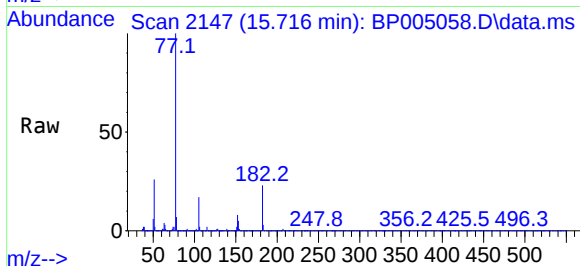
Tgt Ion:138 Resp: 9319
Ion Ratio Lower Upper
138 100
92 55.2 20.7 60.7
108 109.7 47.8 87.8#





#63
Azobenzene
Concen: 7.14 ng
RT: 15.716 min Scan# 2147
Delta R.T. -0.006 min
Lab File: BP005058.D
Acq: 26 Mar 2021 12:31

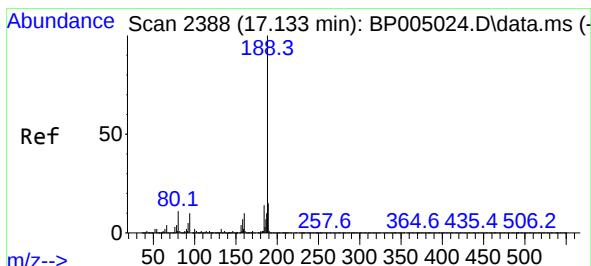
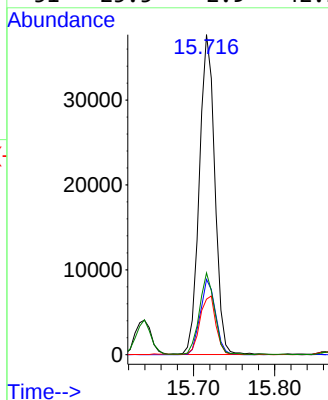
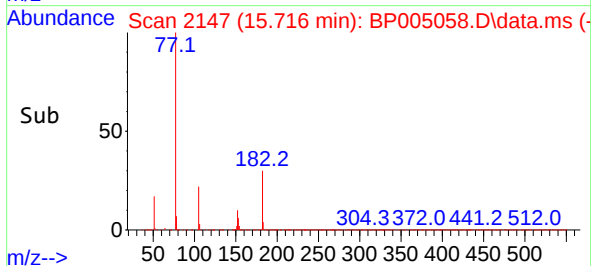
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT1-2021



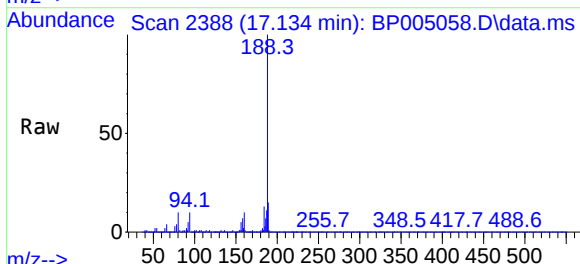
Tgt Ion: 77	Resp: 49970
Ion Ratio	Lower Upper
77 100	
182 23.5	16.9 56.9
105 17.3	5.6 45.6
51 25.5	2.9 42.9

Manual Integrations
APPROVED

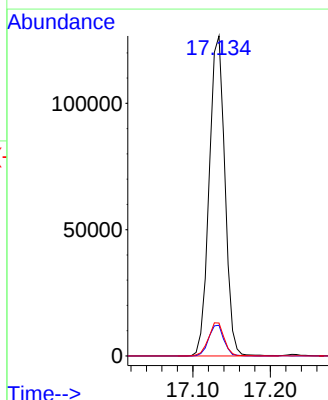
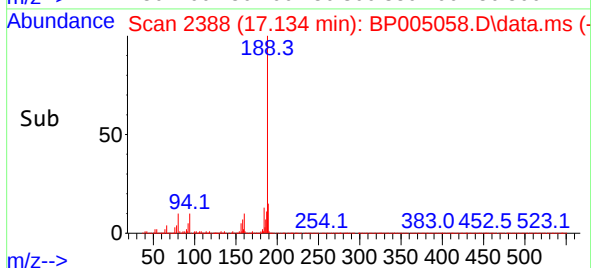
mohammad
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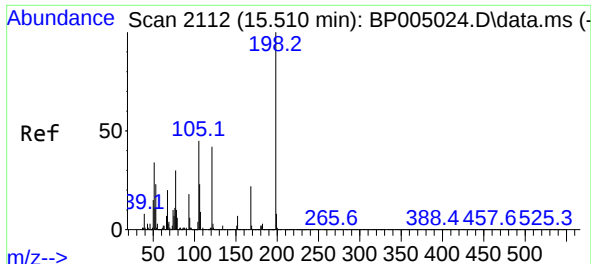


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.134 min Scan# 2388
Delta R.T. -0.000 min
Lab File: BP005058.D
Acq: 26 Mar 2021 12:31



Tgt Ion: 188	Resp: 178373
Ion Ratio	Lower Upper
188 100	
94 9.6	6.2 9.2#
80 10.3	6.2 9.2#





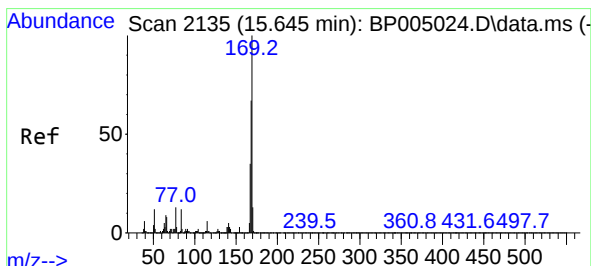
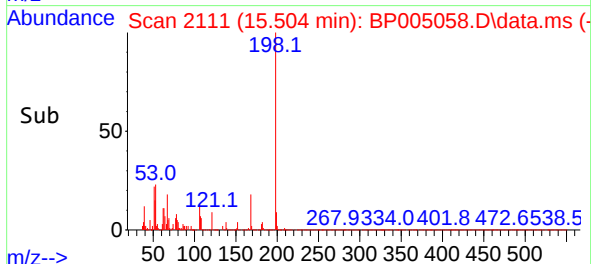
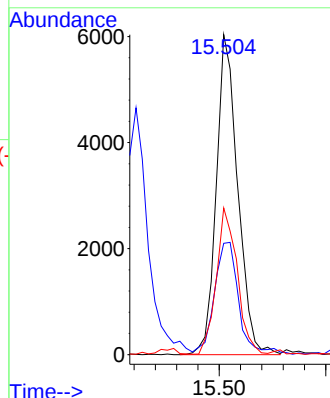
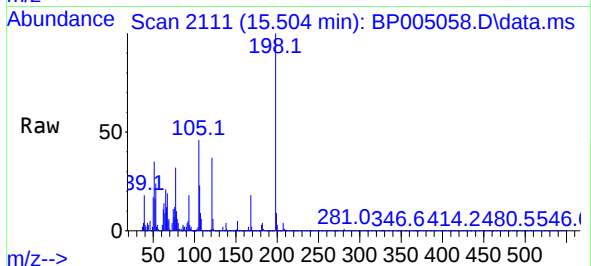
#65
4,6-Dinitro-2-methylphenol
Concen: 6.47 ng
RT: 15.504 min Scan# 2111
Delta R.T. -0.006 min
Lab File: BP005058.D
Acq: 26 Mar 2021 12:31

Tgt Ion:198	Resp:	8427
Ion Ratio	Lower	Upper
198	100	
51	34.8	6.4 46.4
105	45.8	18.9 58.9

Instrument :
BNA_P
ClientSampleId :
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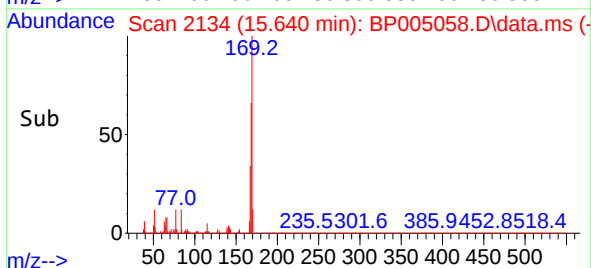
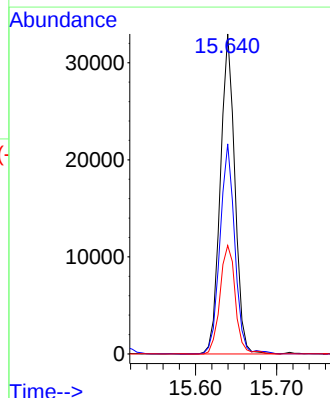
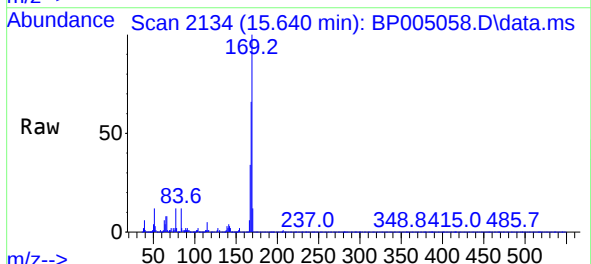
Manual Integrations
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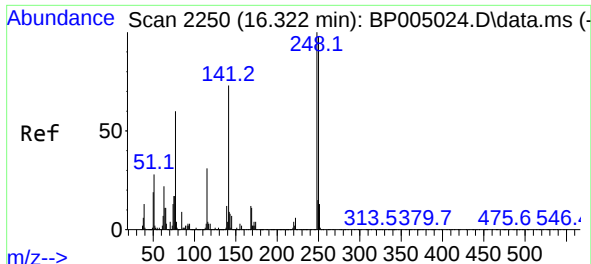
mohammad
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#66
n-Nitrosodiphenylamine
Concen: 7.17 ng
RT: 15.640 min Scan# 2134
Delta R.T. -0.000 min
Lab File: BP005058.D
Acq: 26 Mar 2021 12:31

Tgt Ion:169	Resp:	41101
Ion Ratio	Lower	Upper
169	100	
168	65.7	53.8 80.6
167	33.9	28.9 43.3





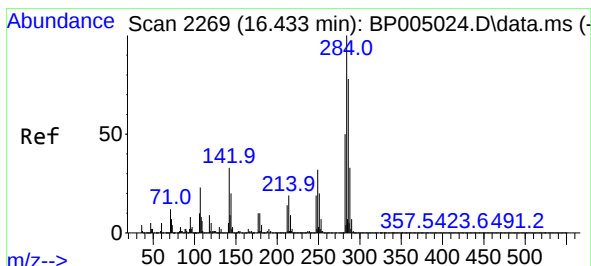
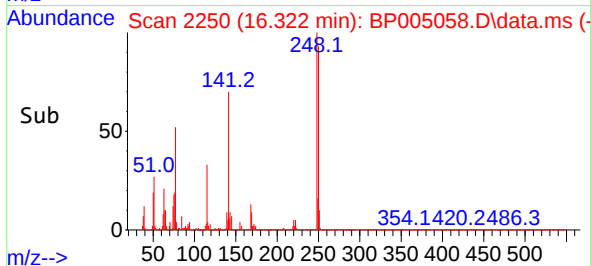
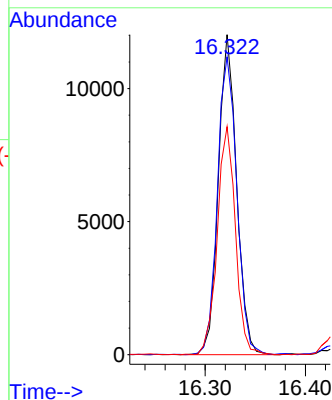
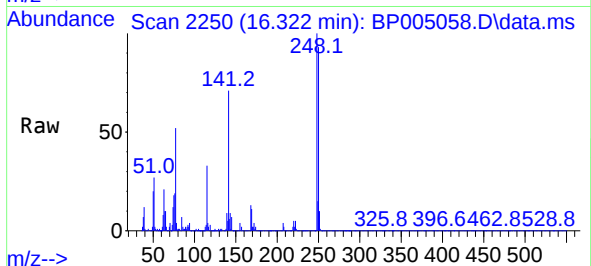
#67
4-Bromophenyl-phenylether
Concen: 7.34 ng
RT: 16.322 min Scan# 2250
Delta R.T. -0.000 min
Lab File: BP005058.D
Acq: 26 Mar 2021 12:31

Tgt Ion:	248	Resp:	15176
Ion Ratio	Lower	Upper	
248	100		
250	93.1	76.7	115.1
141	71.3	53.0	79.6

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT1-2021

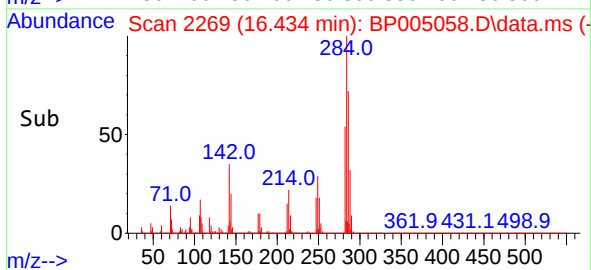
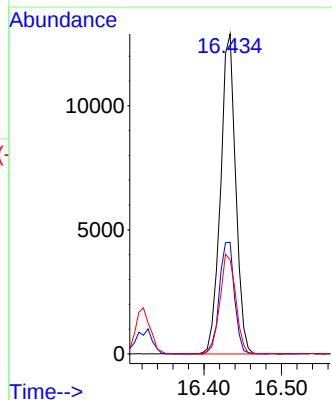
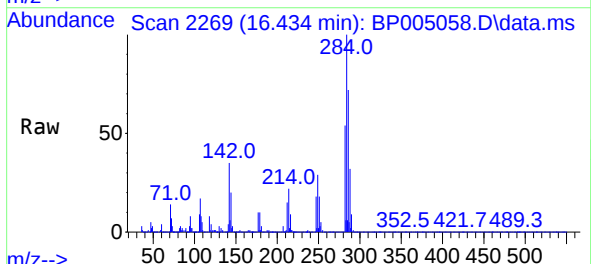
Manual Integrations
APPROVED

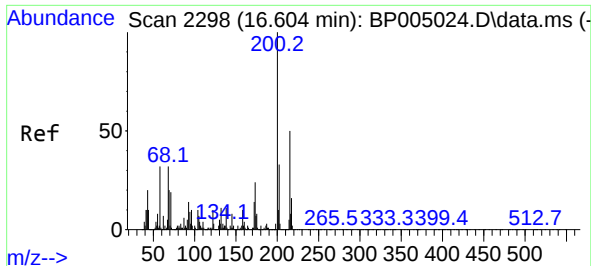
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#68
Hexachlorobenzene
Concen: 7.55 ng
RT: 16.434 min Scan# 2269
Delta R.T. -0.000 min
Lab File: BP005058.D
Acq: 26 Mar 2021 12:31

Tgt Ion:	284	Resp:	17536
Ion Ratio	Lower	Upper	
284	100		
142	34.9	24.2	36.4
249	29.4	23.8	35.8





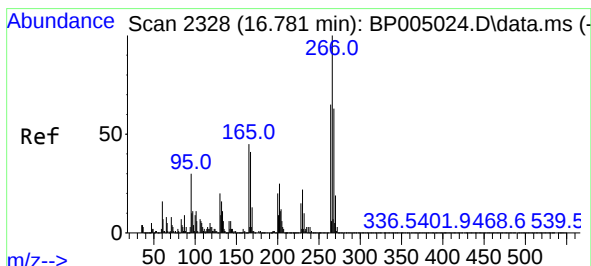
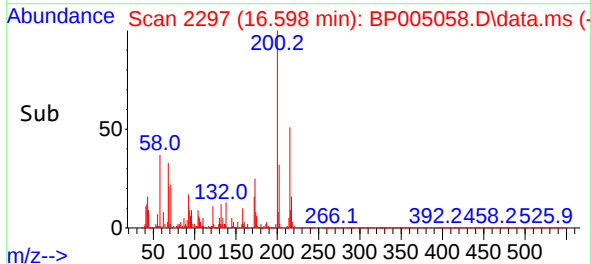
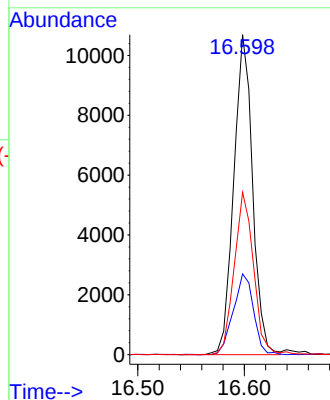
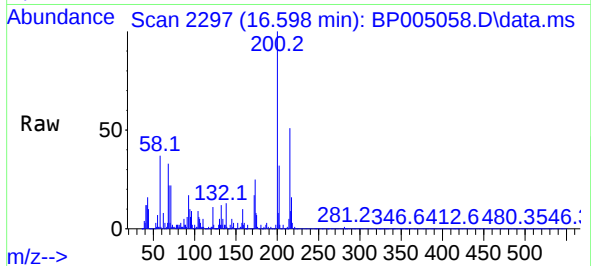
#69
Atrazine
Concen: 6.89 ng
RT: 16.598 min Scan# 2297
Delta R.T. -0.006 min
Lab File: BP005058.D
Acq: 26 Mar 2021 12:31

Tgt Ion:200 Resp: 13123
Ion Ratio Lower Upper
200 100
173 25.2 5.9 45.9
215 50.8 28.4 68.4

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT1-2021

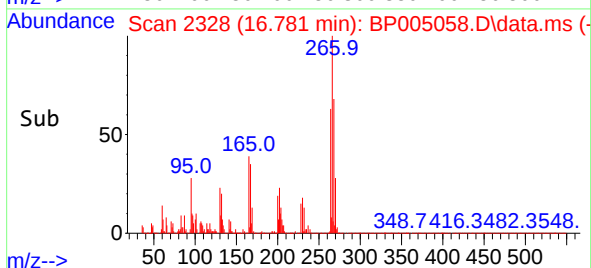
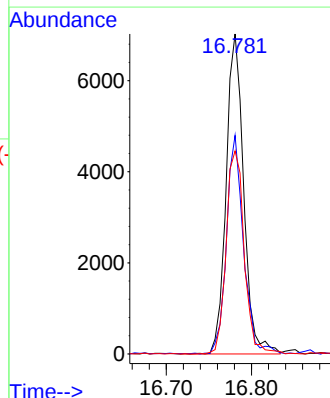
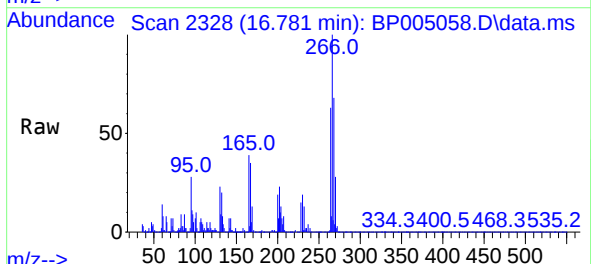
Manual Integrations
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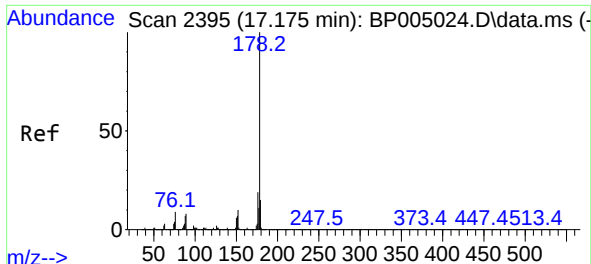
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#70
Pentachlorophenol
Concen: 6.53 ng
RT: 16.781 min Scan# 2328
Delta R.T. -0.000 min
Lab File: BP005058.D
Acq: 26 Mar 2021 12:31

Tgt Ion:266 Resp: 10021
Ion Ratio Lower Upper
266 100
268 68.3 51.1 76.7
264 63.4 50.6 76.0





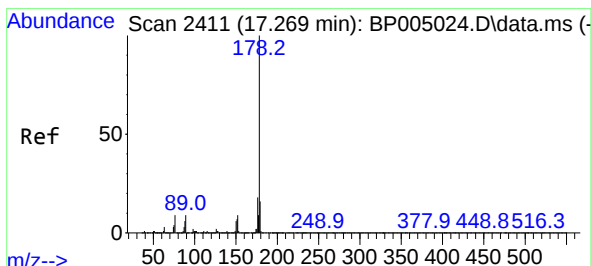
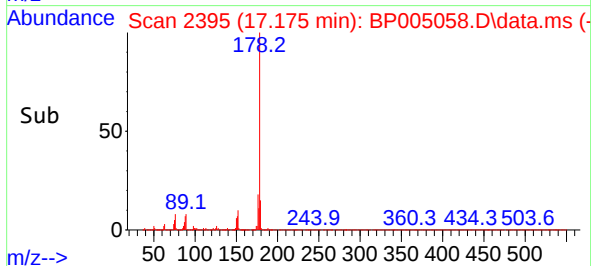
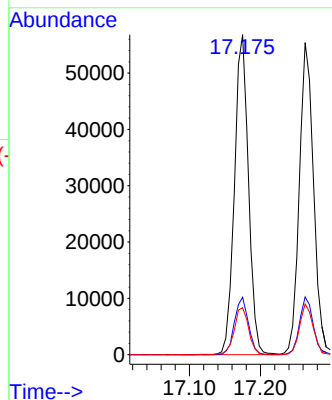
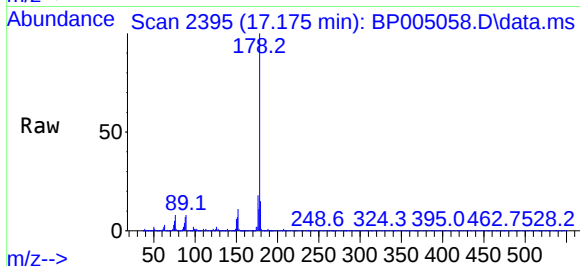
#71
Phenanthrene
Concen: 7.54 ng
RT: 17.175 min Scan# 2395
Delta R.T. -0.000 min
Lab File: BP005058.D
Acq: 26 Mar 2021 12:31

Tgt Ion:178 Resp: 77984
Ion Ratio Lower Upper
178 100
176 17.9 15.3 22.9
179 14.7 12.5 18.7

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT1-2021

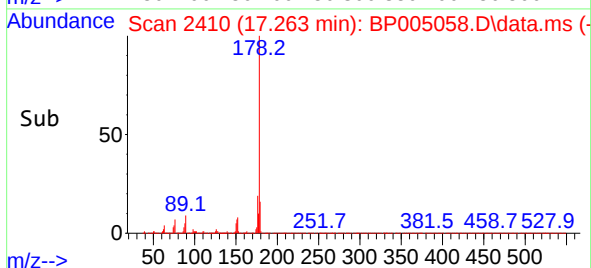
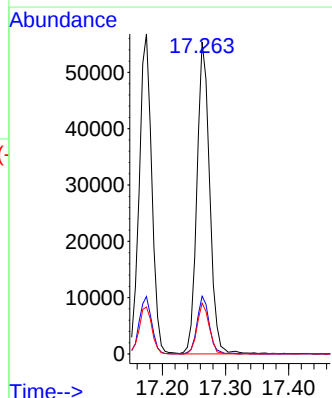
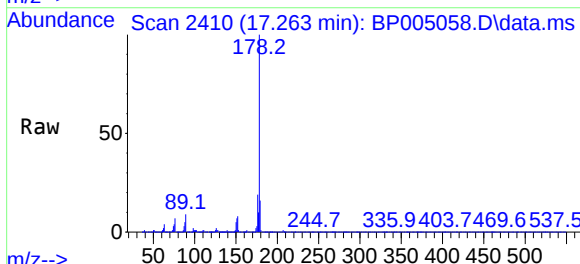
Manual Integrations
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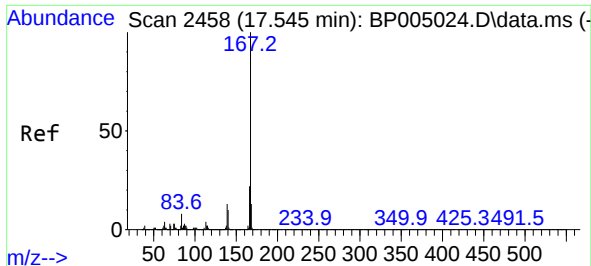
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#72
Anthracene
Concen: 7.66 ng
RT: 17.263 min Scan# 2410
Delta R.T. -0.006 min
Lab File: BP005058.D
Acq: 26 Mar 2021 12:31

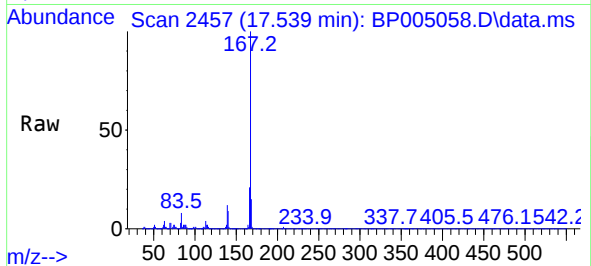
Tgt Ion:178 Resp: 77386
Ion Ratio Lower Upper
178 100
176 18.5 15.0 22.4
179 16.2 12.5 18.7





#73
Carbazole
Concen: 7.11 ng
RT: 17.539 min Scan# 2457
Delta R.T. -0.006 min
Lab File: BP005058.D
Acq: 26 Mar 2021 12:31

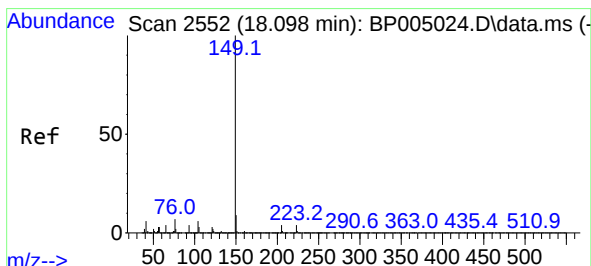
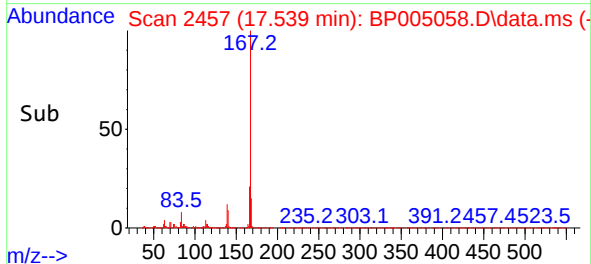
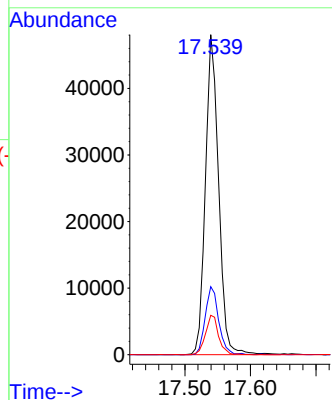
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT1-2021



Tgt Ion:167 Resp: 67478
Ion Ratio Lower Upper
167 100
166 21.3 17.6 26.4
139 12.3 10.2 15.4

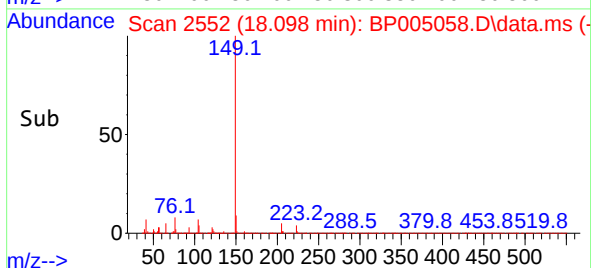
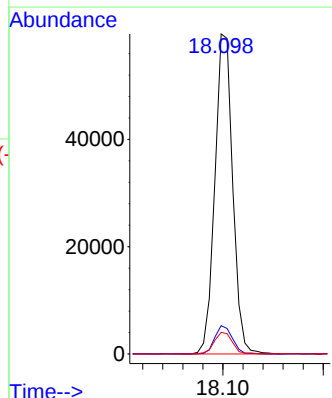
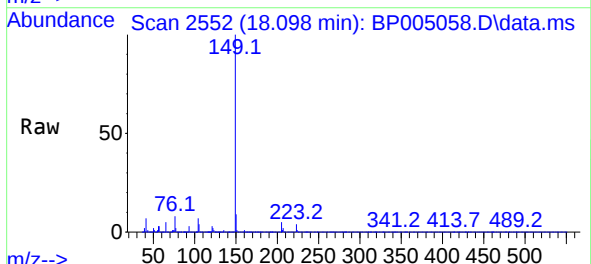
Manual Integrations
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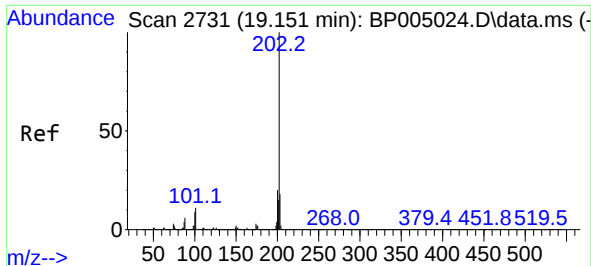
mohammad
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#74
Di-n-butylphthalate
Concen: 7.03 ng
RT: 18.098 min Scan# 2552
Delta R.T. -0.006 min
Lab File: BP005058.D
Acq: 26 Mar 2021 12:31

Tgt Ion:149 Resp: 73422
Ion Ratio Lower Upper
149 100
150 8.8 7.3 10.9
104 6.8 3.4 5.0#





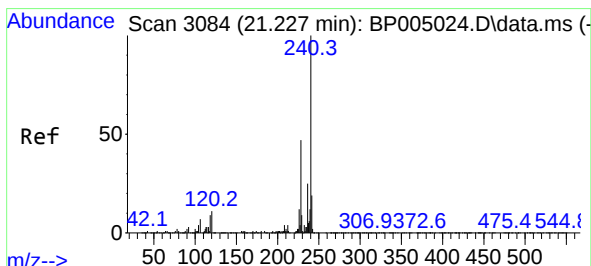
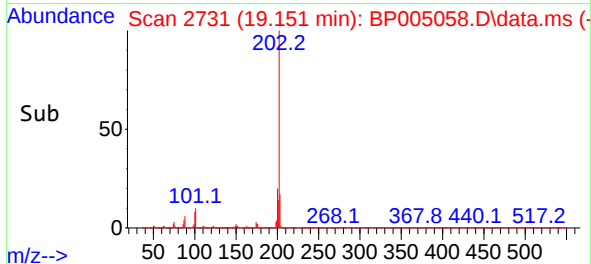
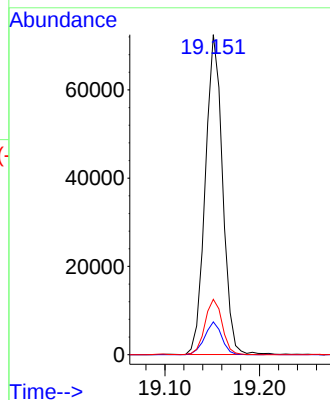
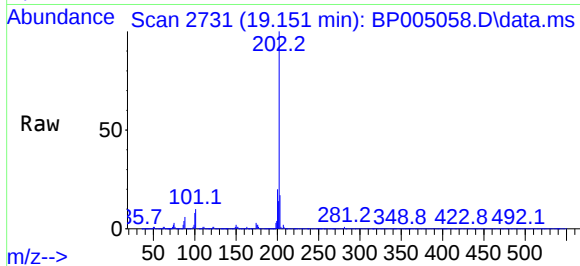
#75
Fluoranthene
Concen: 7.52 ng
RT: 19.151 min Scan# 2731
Delta R.T. -0.000 min
Lab File: BP005058.D
Acq: 26 Mar 2021 12:31

Tgt Ion:	202	Resp:	91504
Ion Ratio	Lower	Upper	
202	100		
101	10.2	0.0	29.4
203	17.3	0.0	37.8

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT1-2021

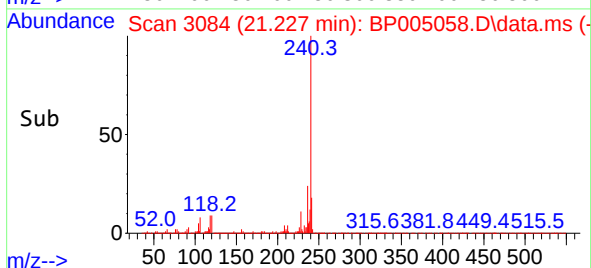
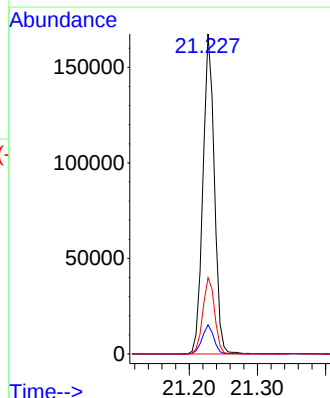
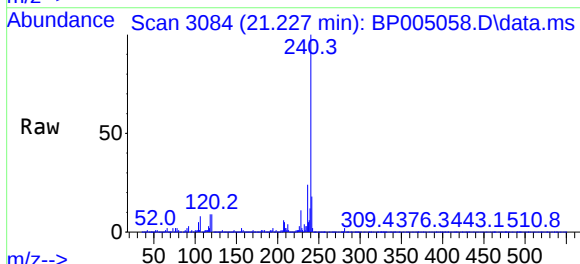
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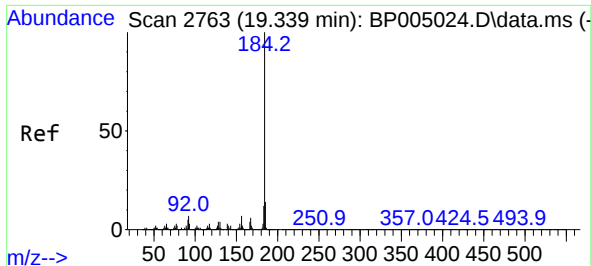
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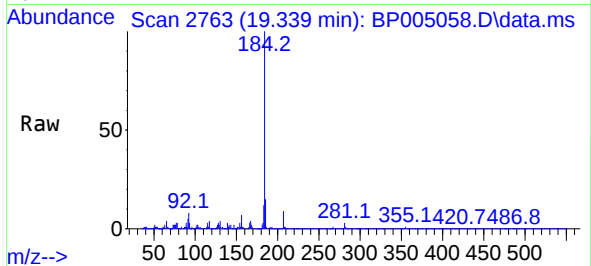
#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.227 min Scan# 3084
Delta R.T. -0.006 min
Lab File: BP005058.D
Acq: 26 Mar 2021 12:31

Tgt Ion:	240	Resp:	195634
Ion Ratio	Lower	Upper	
240	100		
120	9.1	7.8	11.6
236	23.8	20.8	31.2

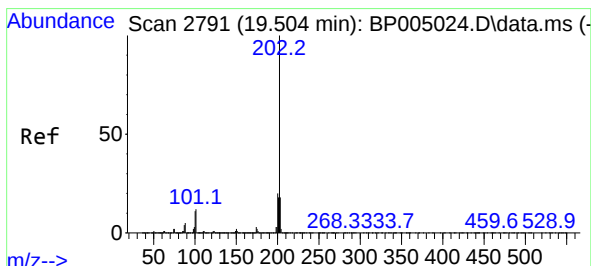
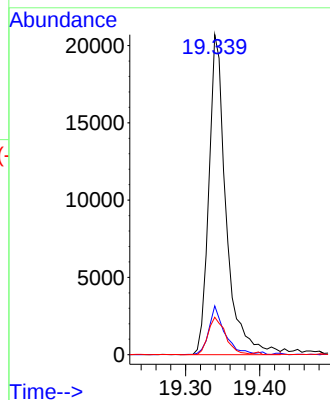
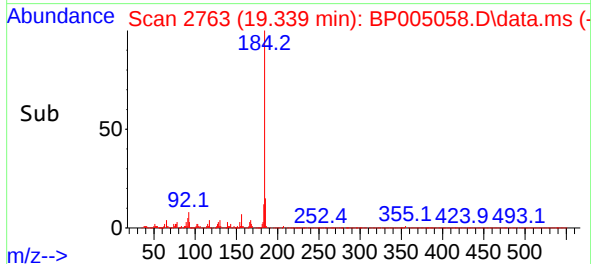




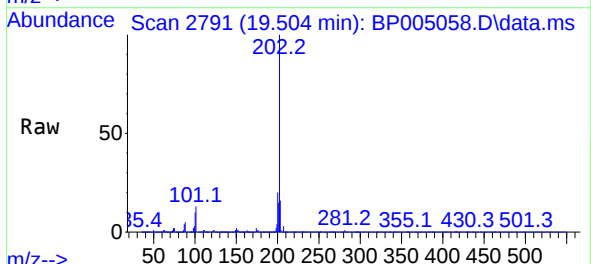
#77
Benzidine
Concen: 7.79 ng
RT: 19.339 min Scan# 2763
Delta R.T. -0.000 min
Lab File: BP005058.D
Acq: 26 Mar 2021 12:31



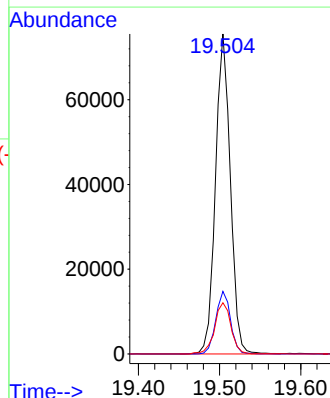
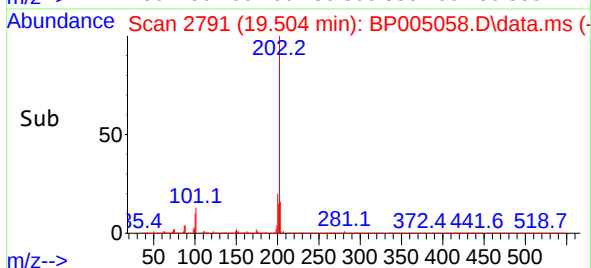
Tgt Ion:184 Resp: 33452
Ion Ratio Lower Upper
184 100
185 15.3 11.5 17.3
183 11.7 9.6 14.4



#78
Pyrene
Concen: 7.13 ng
RT: 19.504 min Scan# 2791
Delta R.T. -0.000 min
Lab File: BP005058.D
Acq: 26 Mar 2021 12:31



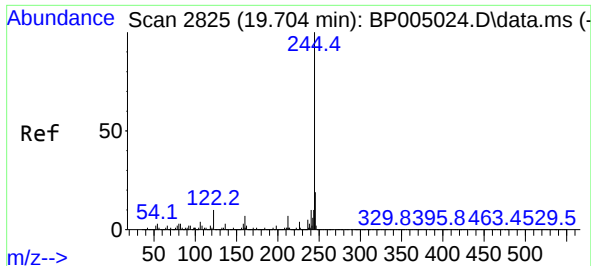
Tgt Ion:202 Resp: 95887
Ion Ratio Lower Upper
202 100
200 19.6 17.1 25.7
203 16.0 14.2 21.2



Instrument :
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ClientSampleId :
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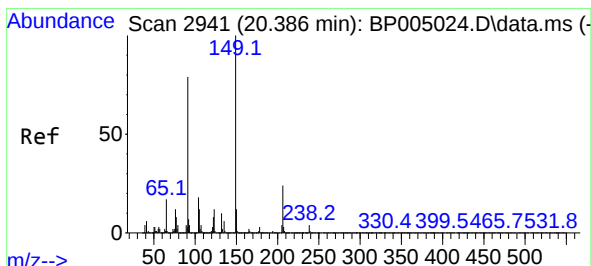
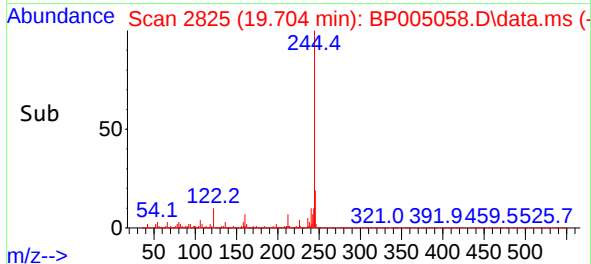
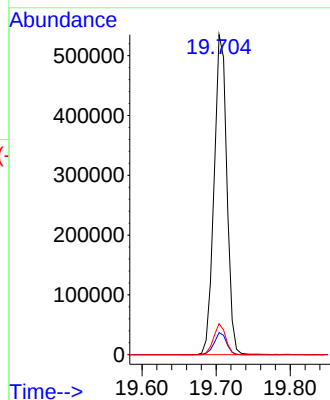
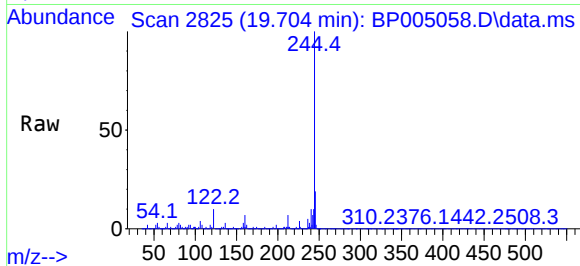
#79
Terphenyl-d14
Concen: 59.41 ng
RT: 19.704 min Scan# 2825
Delta R.T. -0.006 min
Lab File: BP005058.D
Acq: 26 Mar 2021 12:31

Tgt Ion:244 Resp: 638492
Ion Ratio Lower Upper
244 100
212 6.9 5.8 8.6
122 9.7 7.8 11.8

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT1-2021

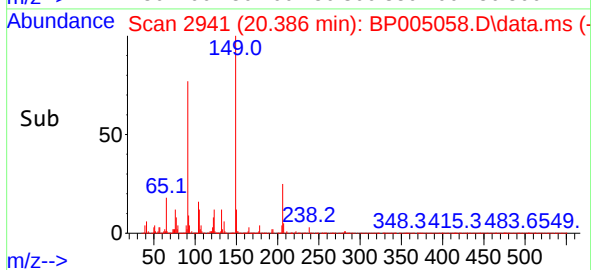
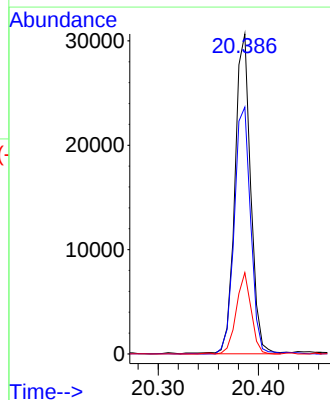
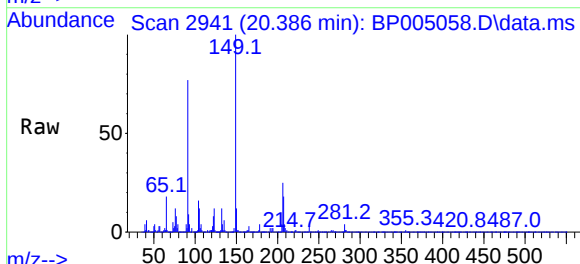
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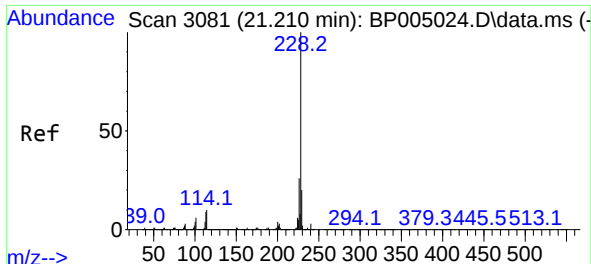
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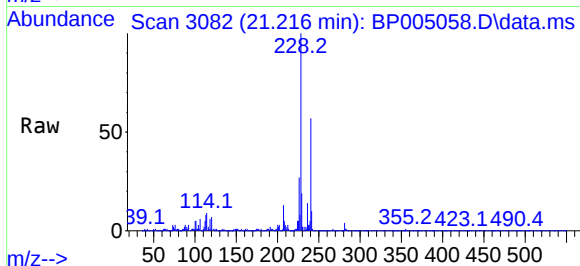
#80
Butylbenzylphthalate
Concen: 6.69 ng
RT: 20.386 min Scan# 2941
Delta R.T. -0.000 min
Lab File: BP005058.D
Acq: 26 Mar 2021 12:31

Tgt Ion:149 Resp: 33386
Ion Ratio Lower Upper
149 100
91 77.2 45.4 68.0#
206 25.4 17.1 25.7

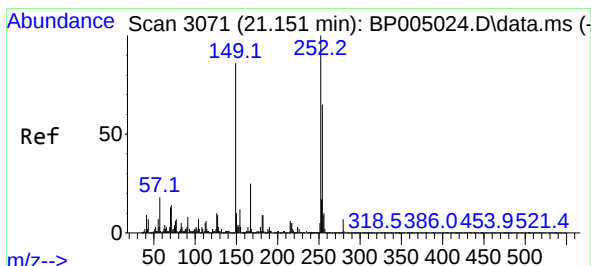
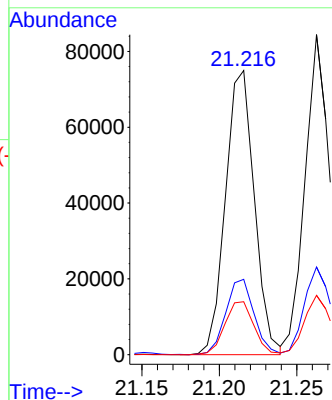
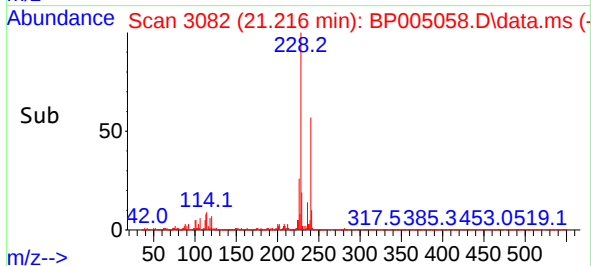




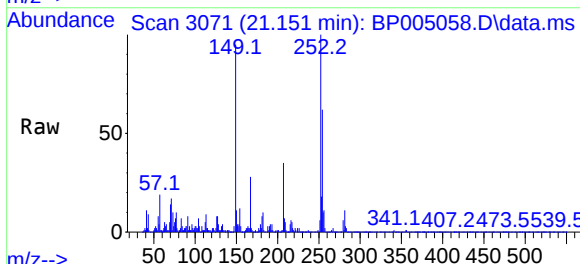
#81
Benzo(a)anthracene
Concen: 7.32 ng
RT: 21.216 min Scan# 3082
Delta R.T. -0.000 min
Lab File: BP005058.D
Acq: 26 Mar 2021 12:31



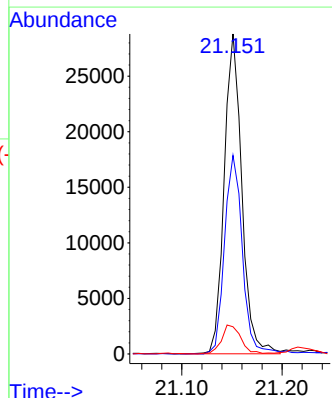
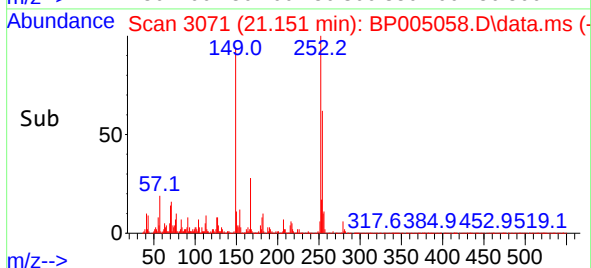
Tgt Ion:228 Resp: 97258
Ion Ratio Lower Upper
228 100
226 26.5 22.1 33.1
229 18.6 15.9 23.9



#82
3,3'-Dichlorobenzidine
Concen: 7.85 ng
RT: 21.151 min Scan# 3071
Delta R.T. -0.000 min
Lab File: BP005058.D
Acq: 26 Mar 2021 12:31



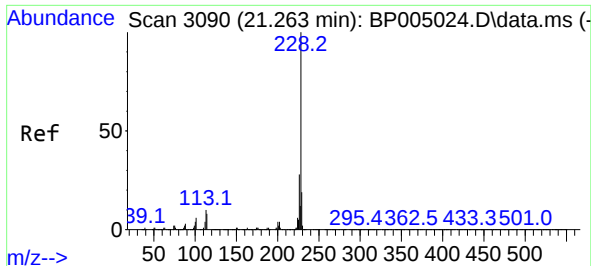
Tgt Ion:252 Resp: 35047
Ion Ratio Lower Upper
252 100
254 62.1 51.0 76.4
126 8.5 7.9 11.9



Instrument :
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ClientSampleId :
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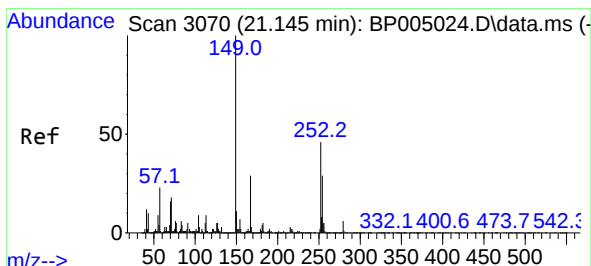
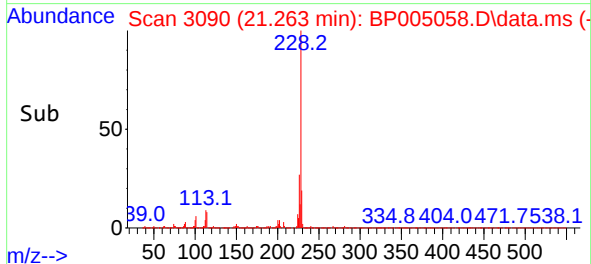
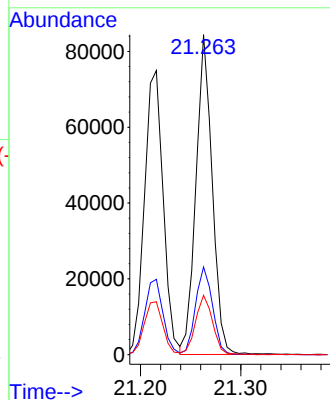
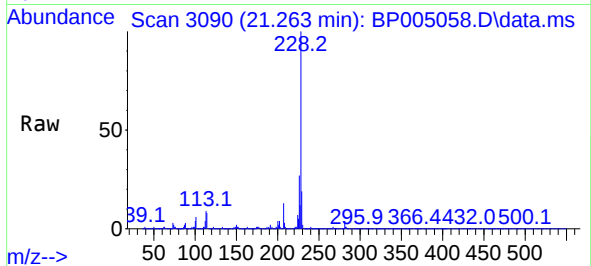
#83
Chrysene
Concen: 7.32 ng
RT: 21.263 min Scan# 3090
Delta R.T. -0.006 min
Lab File: BP005058.D
Acq: 26 Mar 2021 12:31

Tgt Ion:	228	Resp:	95546
Ion Ratio	Lower	Upper	
228	100		
226	27.4	24.4	36.6
229	18.6	15.8	23.6

Instrument :
BNA_P
ClientSampleId :
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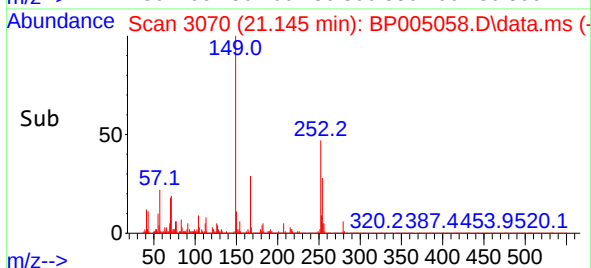
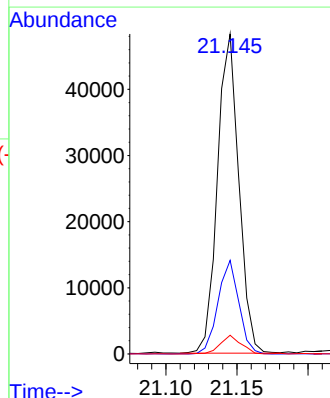
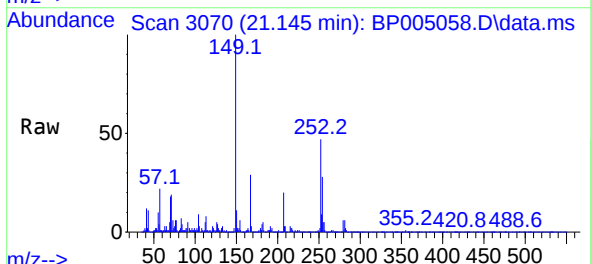
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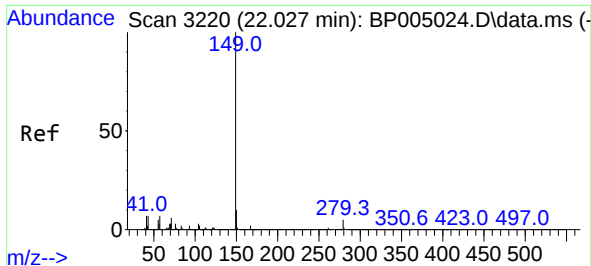
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#84
Bis(2-ethylhexyl)phthalate
Concen: 6.89 ng
RT: 21.145 min Scan# 3070
Delta R.T. -0.000 min
Lab File: BP005058.D
Acq: 26 Mar 2021 12:31

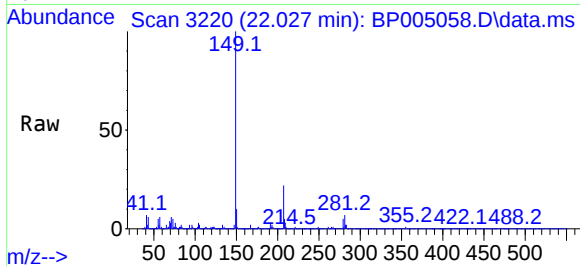
Tgt Ion:	149	Resp:	50392
Ion Ratio	Lower	Upper	
149	100		
167	29.2	22.6	34.0
279	5.9	4.2	6.2





#85
Di-n-octyl phthalate
Concen: 7.00 ng
RT: 22.027 min Scan# 3220
Delta R.T. -0.006 min
Lab File: BP005058.D
Acq: 26 Mar 2021 12:31

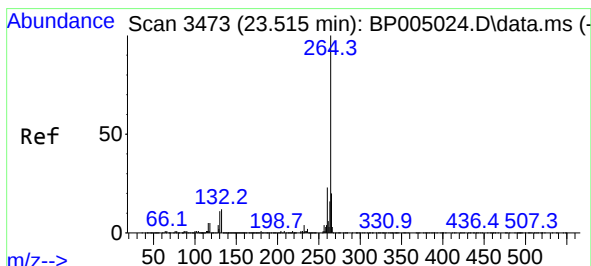
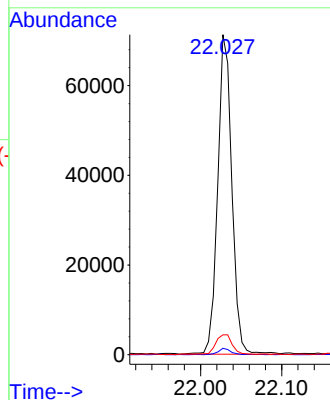
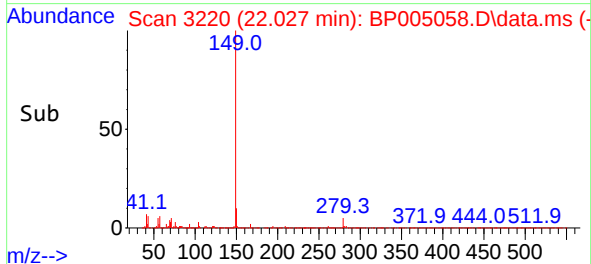
Instrument :
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ClientSampleId :
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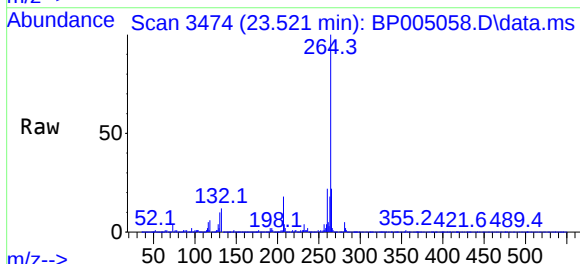
Tgt Ion:149 Resp: 86341
Ion Ratio Lower Upper
149 100
167 1.8 1.3 1.9
43 7.0 3.7 5.5#

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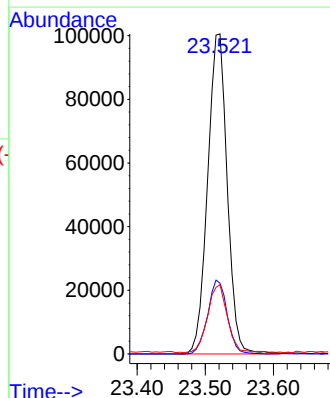
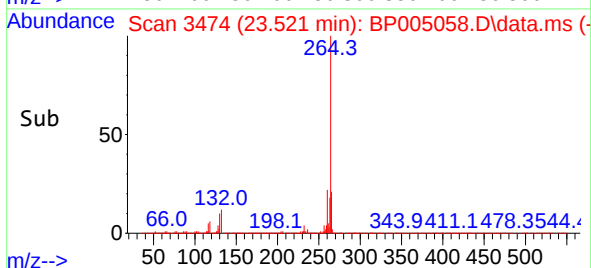
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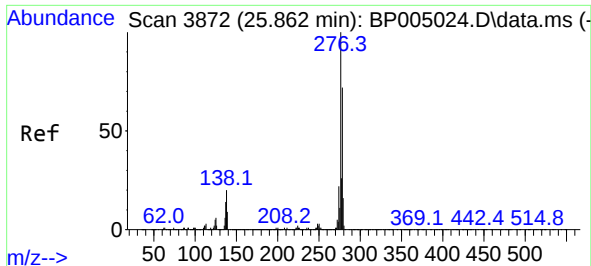


#86
Perylene-d12
Concen: 20.00 ng
RT: 23.521 min Scan# 3474
Delta R.T. -0.000 min
Lab File: BP005058.D
Acq: 26 Mar 2021 12:31



Tgt Ion:264 Resp: 200787
Ion Ratio Lower Upper
264 100
260 22.1 18.8 28.2
265 21.7 17.4 26.2





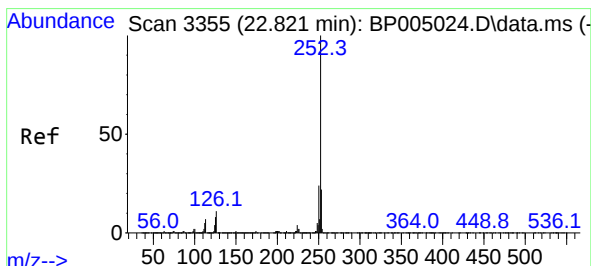
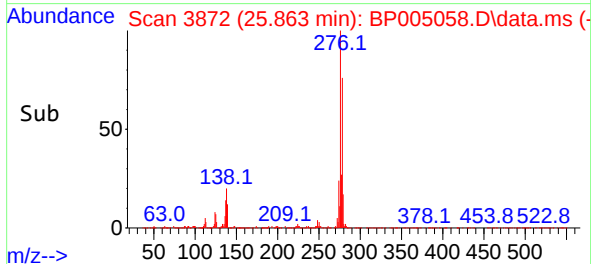
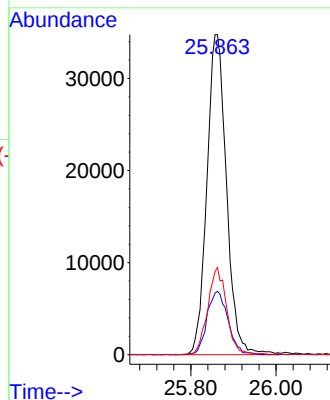
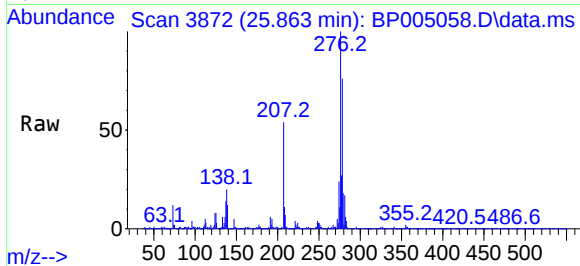
#87
Indeno(1,2,3-cd)pyrene
Concen: 7.37 ng
RT: 25.863 min Scan# 3872
Delta R.T. -0.012 min
Lab File: BP005058.D
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Tgt Ion: 276 Resp: 110947
Ion Ratio Lower Upper
276 100
138 21.2 18.7 28.1
277 26.0 20.4 30.6

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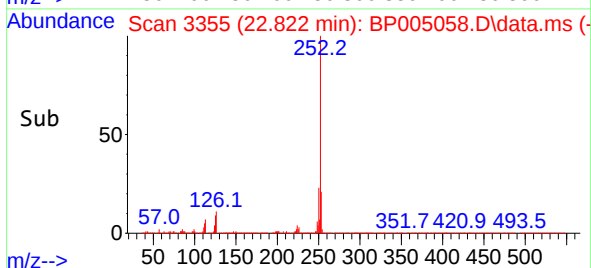
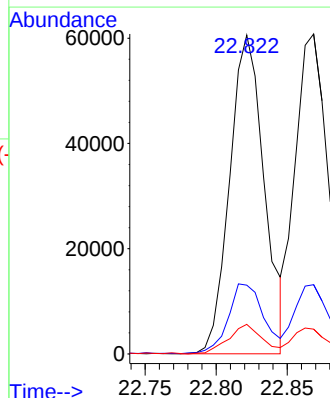
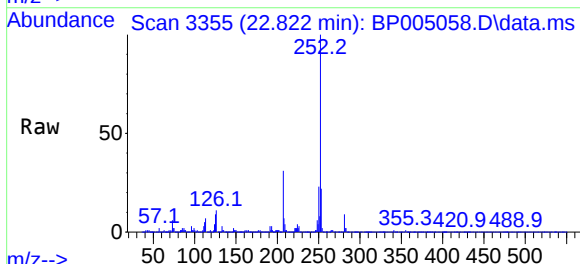
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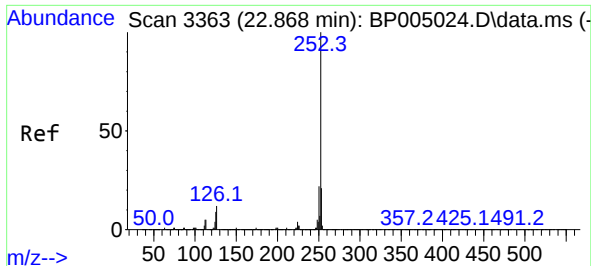
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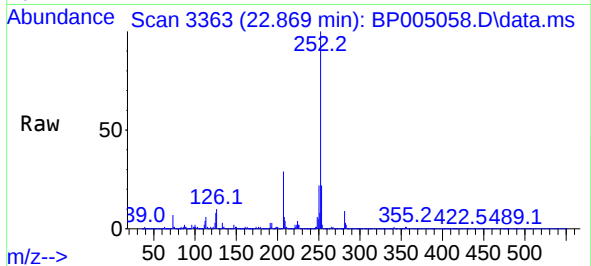
#88
Benzo(b)fluoranthene
Concen: 7.19 ng
RT: 22.822 min Scan# 3355
Delta R.T. -0.006 min
Lab File: BP005058.D
Acq: 26 Mar 2021 12:31

Tgt Ion: 252 Resp: 102577
Ion Ratio Lower Upper
252 100
253 21.6 17.6 26.4
125 9.3 7.3 10.9

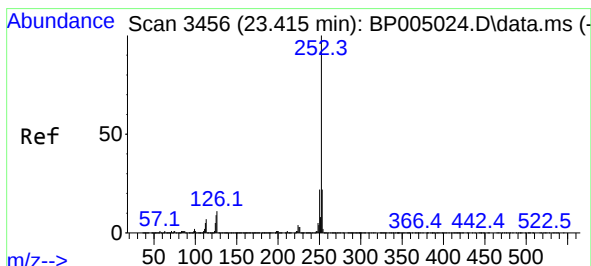
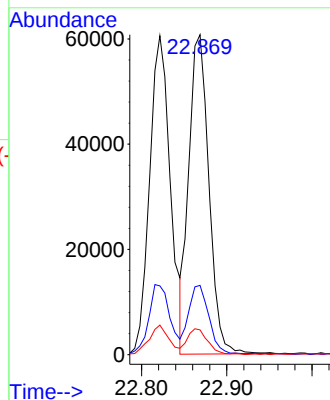
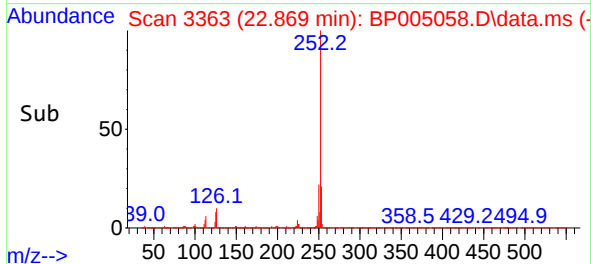




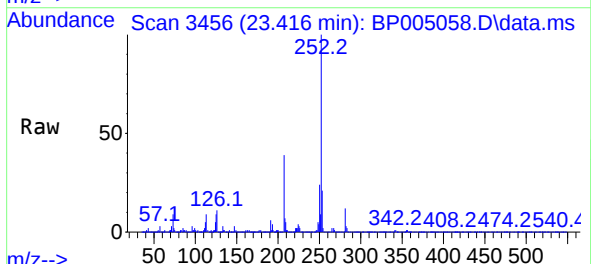
#89
Benzo(k)fluoranthene
Concen: 7.28 ng
RT: 22.869 min Scan# 3363
Delta R.T. -0.006 min
Lab File: BP005058.D
Acq: 26 Mar 2021 12:31



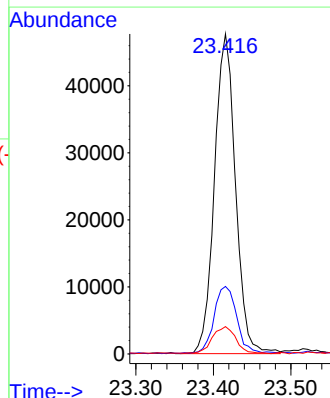
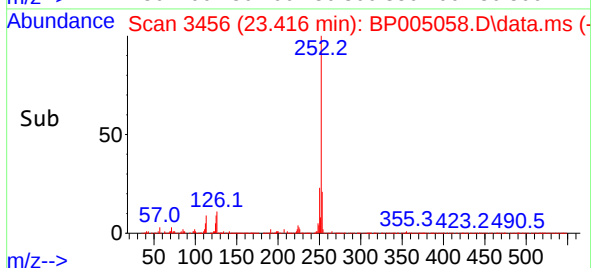
Tgt Ion: 252 Resp: 99427
Ion Ratio Lower Upper
252 100
253 21.7 17.8 26.8
125 7.8 7.4 11.2



#90
Benzo(a)pyrene
Concen: 7.02 ng
RT: 23.416 min Scan# 3456
Delta R.T. -0.006 min
Lab File: BP005058.D
Acq: 26 Mar 2021 12:31



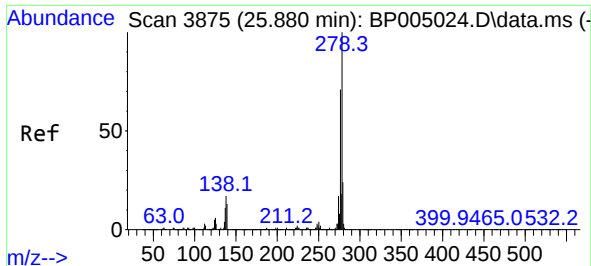
Tgt Ion: 252 Resp: 89720
Ion Ratio Lower Upper
252 100
253 21.1 17.4 26.0
125 8.6 8.2 12.4



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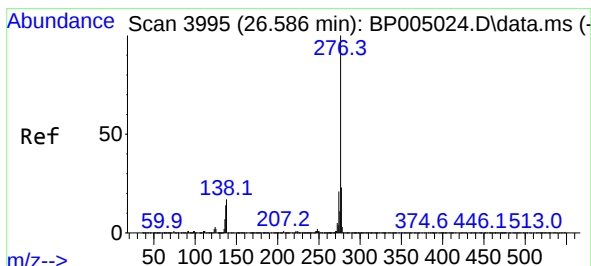
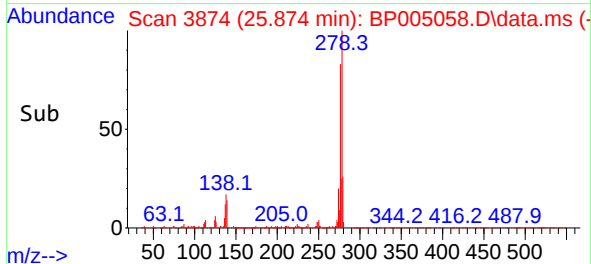
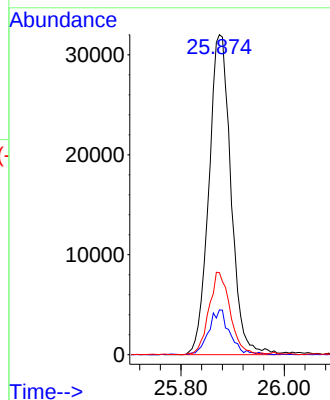
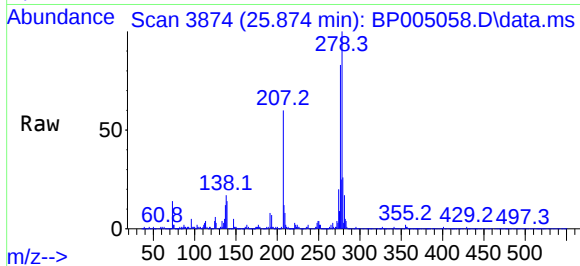
#91
Dibenzo(a,h)anthracene
Concen: 7.30 ng
RT: 25.874 min Scan# 3874
Delta R.T. -0.012 min
Lab File: BP005058.D
Acq: 26 Mar 2021 12:31

Tgt Ion:	278	Resp:	95040
Ion Ratio	Lower	Upper	
278	100		
139	14.0	12.4	18.6
279	25.6	19.0	28.6

Instrument :
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ClientSampleId :
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#92
Benzo(g,h,i)perylene
Concen: 7.43 ng
RT: 26.574 min Scan# 3993
Delta R.T. -0.018 min
Lab File: BP005058.D
Acq: 26 Mar 2021 12:31

Tgt Ion:	276	Resp:	93307
Ion Ratio	Lower	Upper	
276	100		
277	24.3	19.0	28.6
138	16.9	16.6	24.8

