

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102020\
 Data File : BP003679.D
 Acq On : 20 Oct 2020 15:39
 Operator : CG/JU
 Sample : L4214-02
 Misc : LOQ-SOIL 10PPM
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 LOQ-SOIL-02-QT4-2020

Manual Integrations
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mohammad
 10/21/2020 12:51:05 PM

Quant Time: Oct 20 16:07:09 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP101920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 20 12:55:54 2020
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.522	152	117907	20.00	ng	0.00
21) Naphthalene-d8	11.369	136	446548	20.00	ng	# 0.00
39) Acenaphthene-d10	15.122	164	303231	20.00	ng	0.00
64) Phenanthrene-d10	17.839	188	677548	20.00	ng	0.00
76) Chrysene-d12	21.845	240	695763	20.00	ng	# 0.00
86) Perylene-d12	24.416	264	651634	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.022	112	830114	117.73	ng	0.00
7) Phenol-d6	7.669	99	1119267	112.35	ng	0.00
23) Nitrobenzene-d5	9.693	82	892302	84.53	ng	0.00
42) 2,4,6-Tribromophenol	16.593	330	508419	107.47	ng	0.00
45) 2-Fluorobiphenyl	13.751	172	2013356	85.84	ng	0.00
79) Terphenyl-d14	20.304	244	3190339	80.65	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.687	88	29764	9.88	ng	# 85
3) Pyridine	4.128	79	81406	9.55	ng	# 92
4) n-Nitrosodimethylamine	4.023	42	34739	9.56	ng	# 62
6) Aniline	7.822	93	116036	10.49	ng	# 86
8) 2-Chlorophenol	8.087	128	69381	9.88	ng	# 79
9) Benzaldehyde	7.622	77	68483	13.03	ng	# 77
10) Phenol	7.699	94	93815	9.89	ng	77
11) bis(2-Chloroethyl)ether	7.905	93	73111	9.71	ng	90
12) 1,3-Dichlorobenzene	8.422	146	84839	9.37	ng	# 91
13) 1,4-Dichlorobenzene	8.563	146	86020	9.41	ng	# 94
14) 1,2-Dichlorobenzene	8.899	146	83253	9.61	ng	# 92
15) Benzyl Alcohol	8.752	79	70723	9.29	ng	# 85
16) 2,2'-oxybis(1-Chloropr...	9.052	45	70027	9.39	ng	99
17) 2-Methylphenol	8.969	107	61061	9.72	ng	# 88
18) Hexachloroethane	9.652	117	32734	9.29	ng	93
19) n-Nitroso-di-n-propyla...	9.322	70	57626	9.47	ng	# 85
20) 3+4-Methylphenols	9.299	107	82885	9.80	ng	91
22) Acetophenone	9.340	105	119042	9.11	ng	# 87
24) Nitrobenzene	9.734	77	95106	9.36	ng	# 76
25) Isophorone	10.258	82	154982	9.11	ng	# 87
26) 2-Nitrophenol	10.463	139	32453	8.55	ng	# 69
27) 2,4-Dimethylphenol	10.516	122	62112	10.42	ng	# 83
28) bis(2-Chloroethoxy)met...	10.728	93	95287	8.78	ng	# 98
29) 2,4-Dichlorophenol	11.010	162	66229	8.47	ng	94
30) 1,2,4-Trichlorobenzene	11.234	180	86044	8.59	ng	99
31) Naphthalene	11.416	128	217101	9.02	ng	99
32) Benzoic acid	10.599	122	17934m	5.07	ng	
33) 4-Chloroaniline	11.499	127	89655	9.04	ng	# 84
34) Hexachlorobutadiene	11.734	225	63980	8.46	ng	98
35) Caprolactam	12.199	113	18543	8.10	ng	# 69
36) 4-Chloro-3-methylphenol	12.599	107	74274	8.76	ng	85
37) 2-Methylnaphthalene	12.987	142	157630	9.02	ng	# 93
38) 1-Methylnaphthalene	13.199	142	148901m	9.02	ng	
40) 1,2,4,5-Tetrachloroben...	13.357	216	106305	8.85	ng	98
41) Hexachlorocyclopentadiene	13.351	237	68510	9.85	ng	99
43) 2,4,6-Trichlorophenol	13.575	196	56439	7.90	ng	96

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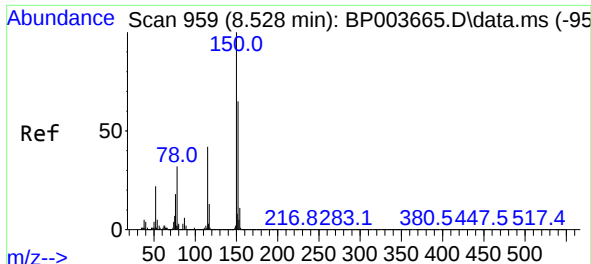
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Quant Time: Oct 20 16:07:09 2020
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
44) 2,4,5-Trichlorophenol	13.651	196	62159	8.37	ng	#	94
46) 1,1'-Biphenyl	13.957	154	209475	8.86	ng		98
47) 2-Chloronaphthalene	14.010	162	164603	8.32	ng		98
48) 2-Nitroaniline	14.181	65	43064	7.37	ng	#	58
49) Acenaphthylene	14.846	152	244406	8.66	ng		100
50) Dimethylphthalate	14.540	163	206705	8.30	ng		98
51) 2,6-Dinitrotoluene	14.651	165	43867	8.66	ng	#	60
52) Acenaphthene	15.187	154	156438	8.21	ng		94
53) 3-Nitroaniline	14.987	138	39152	7.87	ng	#	65
54) 2,4-Dinitrophenol	15.187	184	13439	5.79	ng	#	1
55) Dibenzofuran	15.510	168	254875	8.85	ng		99
56) 4-Nitrophenol	15.287	139	28623	7.69	ng	#	38
57) 2,4-Dinitrotoluene	15.440	165	55199	8.05	ng	#	73
58) Fluorene	16.151	166	203383	8.75	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.740	232	56600	7.95	ng		94
60) Diethylphthalate	15.881	149	201838	8.27	ng		99
61) 4-Chlorophenyl-phenyle...	16.128	204	119328	8.49	ng		95
62) 4-Nitroaniline	16.134	138	39740	7.20	ng	#	51
63) Azobenzene	16.416	77	196532	8.57	ng		85
65) 4,6-Dinitro-2-methylph...	16.204	198	26676	7.47	ng		89
66) n-Nitrosodiphenylamine	16.334	169	173448	8.60	ng		100
67) 4-Bromophenyl-phenylether	17.016	248	74831	8.25	ng		98
68) Hexachlorobenzene	17.181	284	85551	8.19	ng		96
69) Atrazine	17.251	200	62504	7.95	ng		95
70) Pentachlorophenol	17.504	266	34088	6.61	ng		99
71) Phenanthrene	17.881	178	324180	8.61	ng		99
72) Anthracene	17.963	178	323334	8.89	ng		98
73) Carbazole	18.210	167	274655	8.49	ng		100
74) Di-n-butylphthalate	18.716	149	303490	7.68	ng	#	98
75) Fluoranthene	19.792	202	390438	8.44	ng		97
77) Benzidine	19.928	184	173944	10.43	ng		99
78) Pyrene	20.139	202	398565	8.55	ng		99
80) Butylbenzylphthalate	20.939	149	124113	7.27	ng	#	79
81) Benzo(a)anthracene	21.828	228	392105	8.45	ng		98
82) 3,3'-Dichlorobenzidine	21.733	252	145494	8.96	ng		95
83) Chrysene	21.886	228	382819	8.70	ng		99
84) Bis(2-ethylhexyl)phtha...	21.692	149	181106	7.41	ng	#	97
85) Di-n-octyl phthalate	22.651	149	294860	7.43	ng	#	92
87) Indeno(1,2,3-cd)pyrene	27.092	276	387268	8.28	ng	#	92
88) Benzo(b)fluoranthene	23.627	252	382863	8.42	ng	#	97
89) Benzo(k)fluoranthene	23.674	252	380202	8.76	ng	#	97
90) Benzo(a)pyrene	24.304	252	326431	8.05	ng	#	95
91) Dibenzo(a,h)anthracene	27.092	278	323991	8.29	ng	#	93
92) Benzo(g,h,i)perylene	27.915	276	310272	8.56	ng	#	91

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



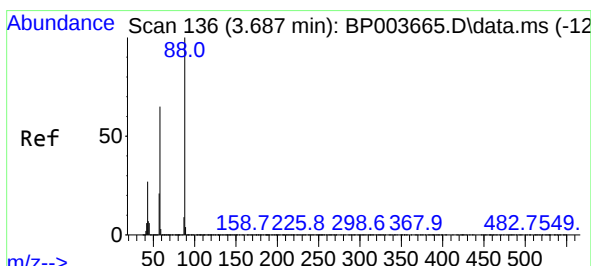
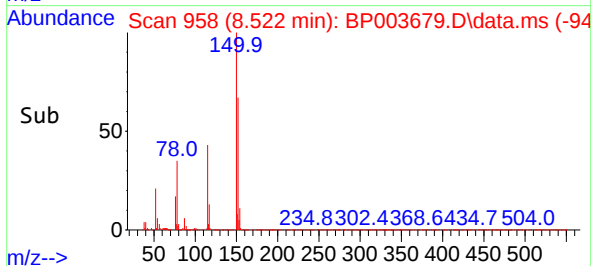
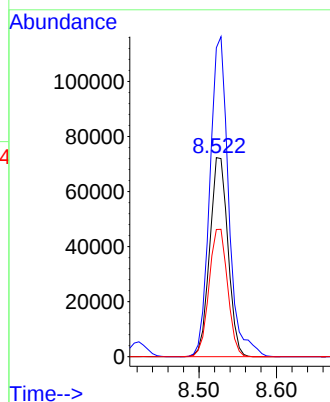
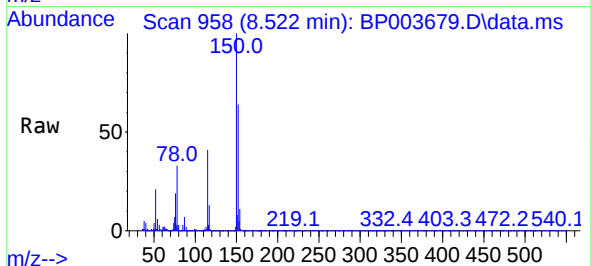
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.522 min Scan# 958
Delta R.T. -0.006 min
Lab File: BP003679.D
Acq: 20 Oct 2020 15:39

Tgt Ion:152 Resp: 117907
Ion Ratio Lower Upper
152 100
150 155.3 123.8 185.6
115 63.9 43.8 65.6

Instrument :
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ClientSampleId :
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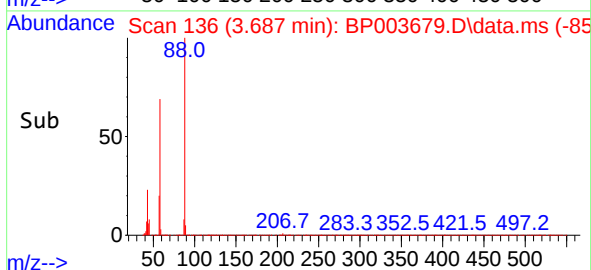
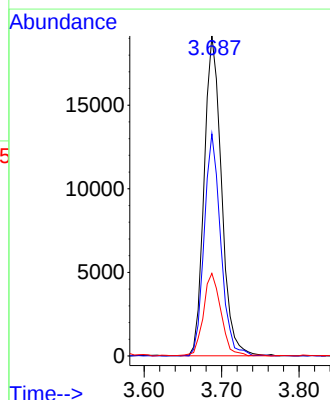
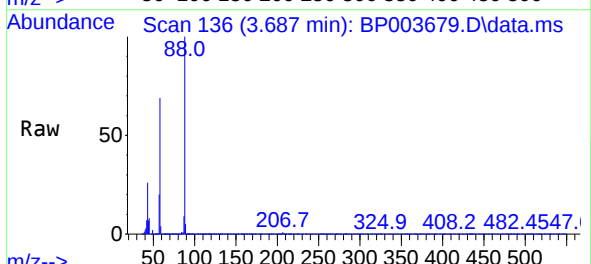
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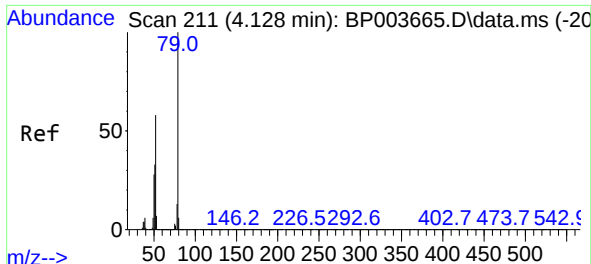
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#2
1,4-Dioxane
Concen: 9.88 ng
RT: 3.687 min Scan# 136
Delta R.T. 0.000 min
Lab File: BP003679.D
Acq: 20 Oct 2020 15:39

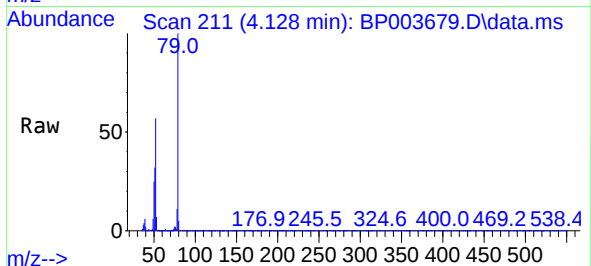
Tgt Ion: 88 Resp: 29764
Ion Ratio Lower Upper
88 100
58 65.9 44.2 66.4
43 25.8 15.2 22.8





#3
Pyridine
Concen: 9.55 ng
RT: 4.128 min Scan# 211
Delta R.T. 0.000 min
Lab File: BP003679.D
Acq: 20 Oct 2020 15:39

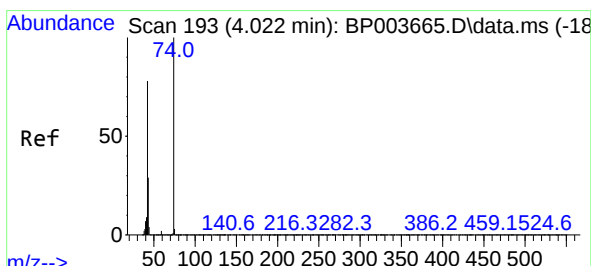
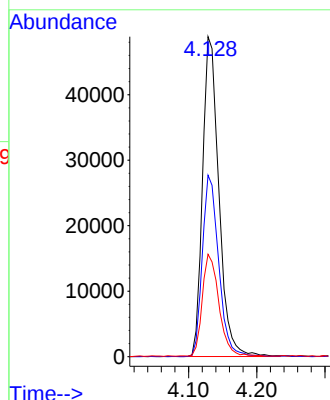
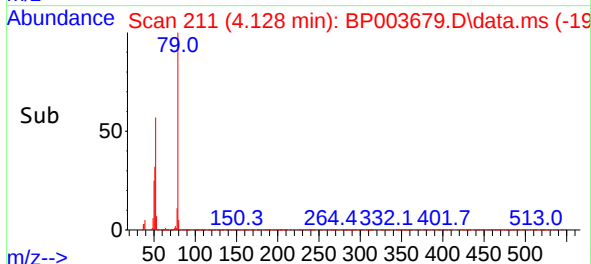
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2020



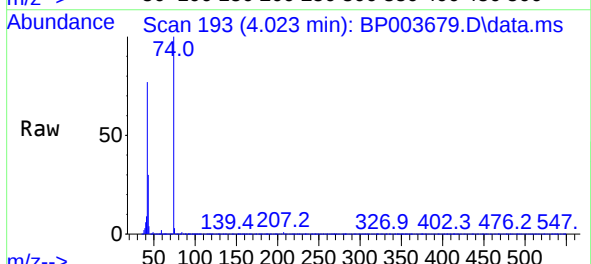
Tgt Ion: 79 Resp: 81406
Ion Ratio Lower Upper
79 100
52 56.7 41.3 61.9
51 32.0 21.2 31.8#

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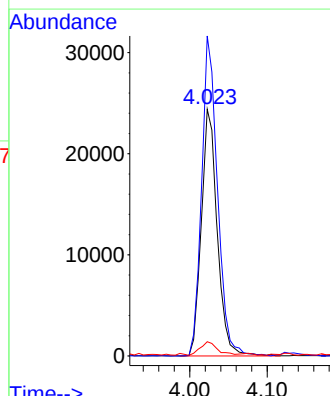
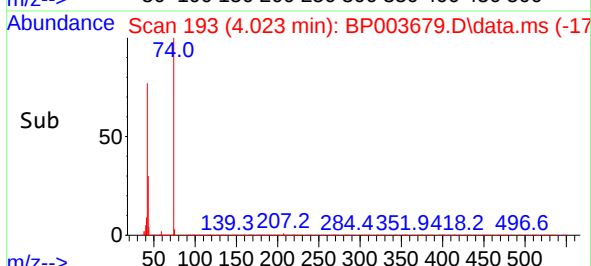
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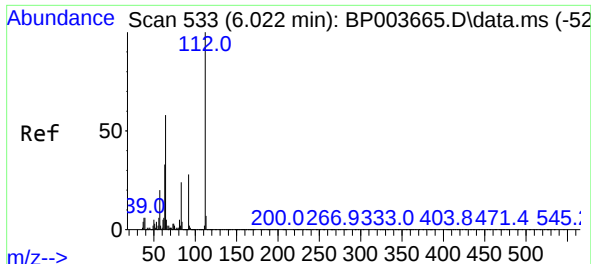


#4
n-Nitrosodimethylamine
Concen: 9.56 ng
RT: 4.023 min Scan# 193
Delta R.T. 0.000 min
Lab File: BP003679.D
Acq: 20 Oct 2020 15:39



Tgt Ion: 42 Resp: 34739
Ion Ratio Lower Upper
42 100
74 129.7 148.6 223.0#
44 5.8 5.3 7.9





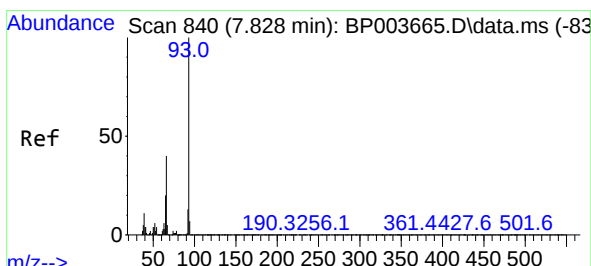
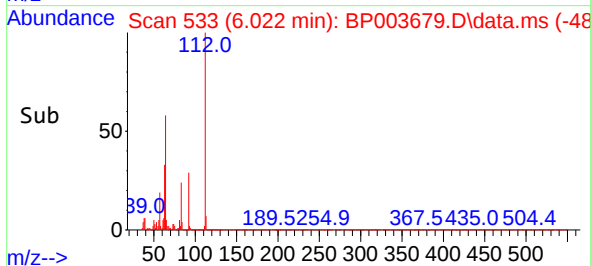
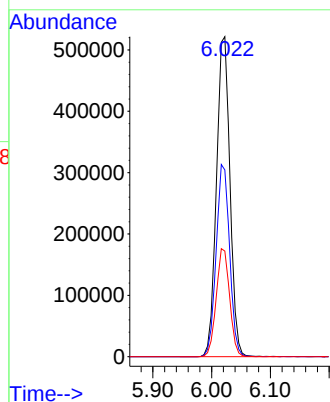
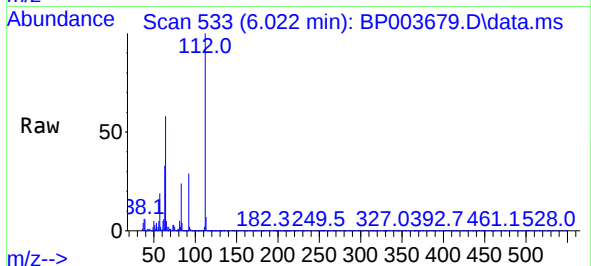
#5
2-Fluorophenol
Concen: 117.73 ng
RT: 6.022 min Scan# 533
Delta R.T. 0.000 min
Lab File: BP003679.D
Acq: 20 Oct 2020 15:39

Tgt Ion: 112 Resp: 830114
Ion Ratio Lower Upper
112 100
64 58.3 32.8 49.2#
63 33.0 17.0 25.4#

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ClientSampleId :
LOQ-SOIL-02-QT4-2020

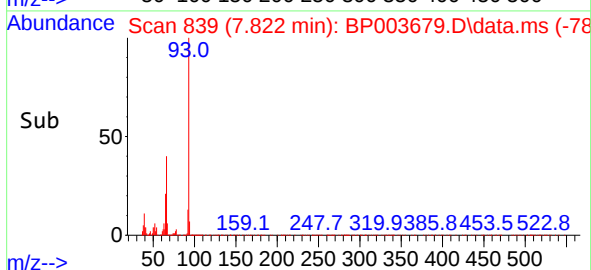
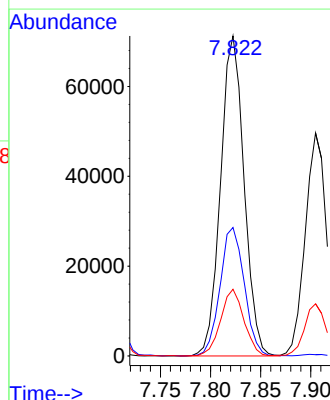
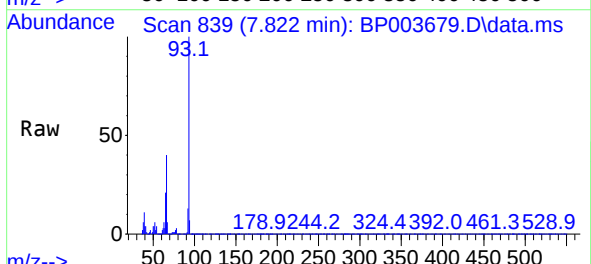
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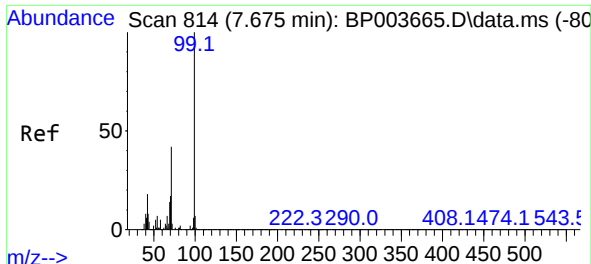
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#6
Aniline
Concen: 10.49 ng
RT: 7.822 min Scan# 839
Delta R.T. -0.005 min
Lab File: BP003679.D
Acq: 20 Oct 2020 15:39

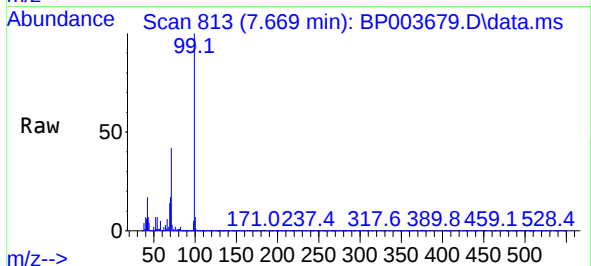
Tgt Ion: 93 Resp: 116036
Ion Ratio Lower Upper
93 100
66 40.1 25.4 38.0#
65 20.9 12.5 18.7#





#7
Phenol-d6
Concen: 112.35 ng
RT: 7.669 min Scan# 813
Delta R.T. -0.005 min
Lab File: BP003679.D
Acq: 20 Oct 2020 15:39

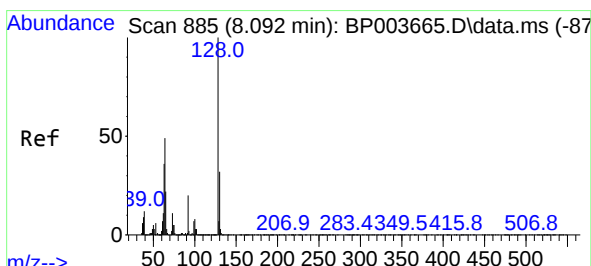
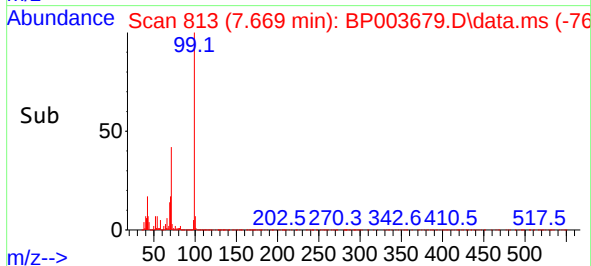
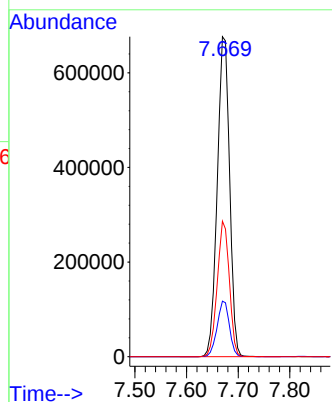
Instrument :
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ClientSampleId :
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Tgt Ion: 99 Resp: 1119267
Ion Ratio Lower Upper
99 100
42 17.4 8.6 13.0#
71 42.4 23.4 35.2#

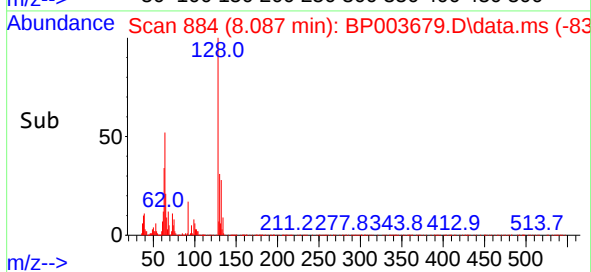
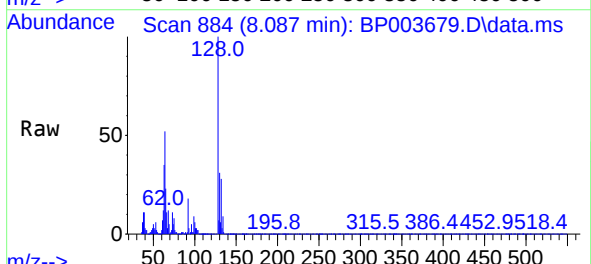
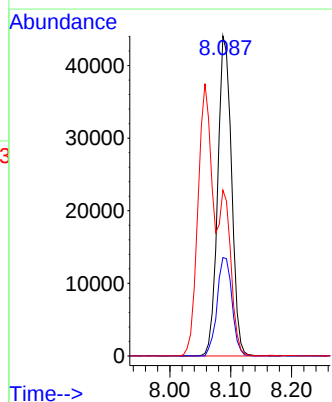
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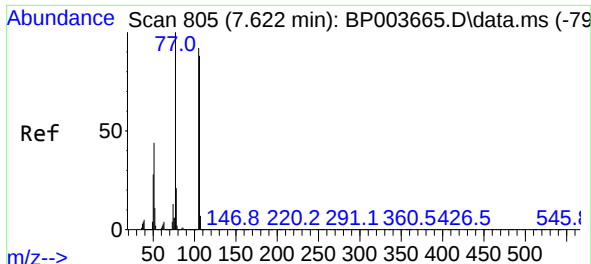
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#8
2-Chlorophenol
Concen: 9.88 ng
RT: 8.087 min Scan# 884
Delta R.T. -0.005 min
Lab File: BP003679.D
Acq: 20 Oct 2020 15:39

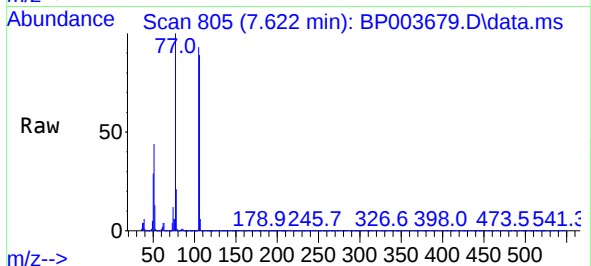
Tgt Ion: 128 Resp: 69381
Ion Ratio Lower Upper
128 100
130 30.8 13.0 53.0
64 51.8 10.4 50.4#





#9
Benzaldehyde
Concen: 13.03 ng
RT: 7.622 min Scan# 805
Delta R.T. 0.000 min
Lab File: BP003679.D
Acq: 20 Oct 2020 15:39

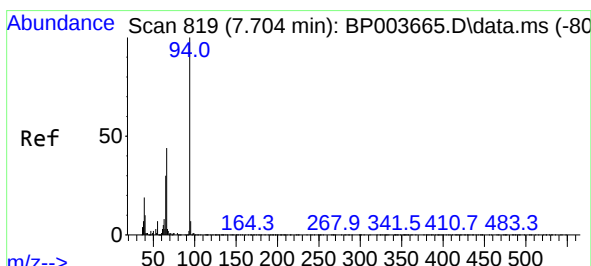
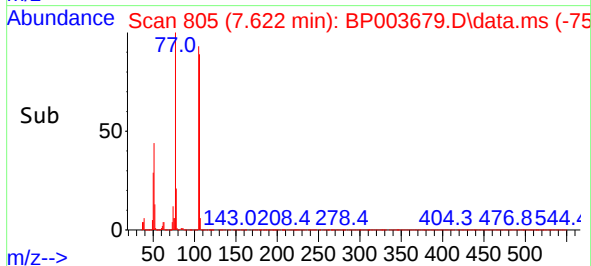
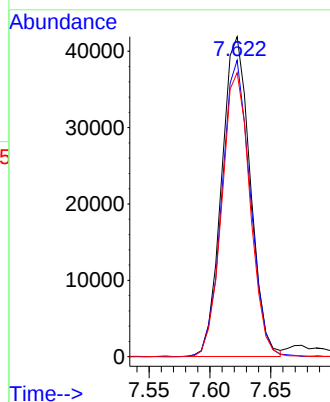
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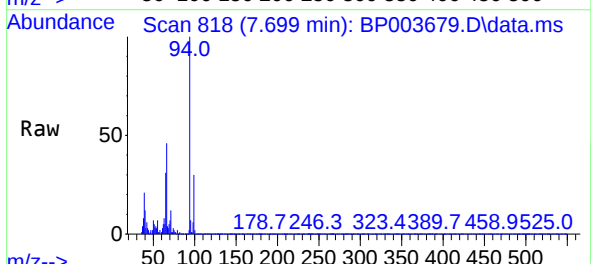
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Ion Ratio Lower Upper
77 100
105 92.7 97.1 137.1#
106 88.8 93.7 133.7#

Manual Integrations
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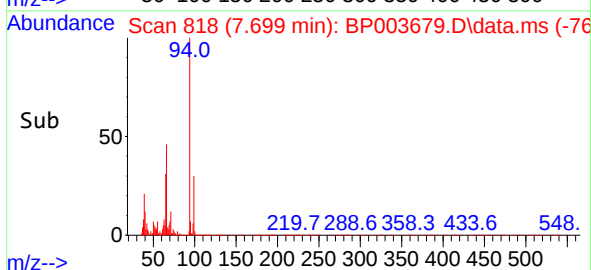
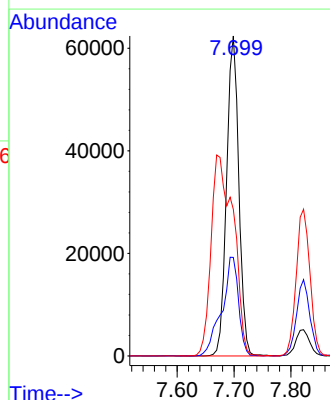
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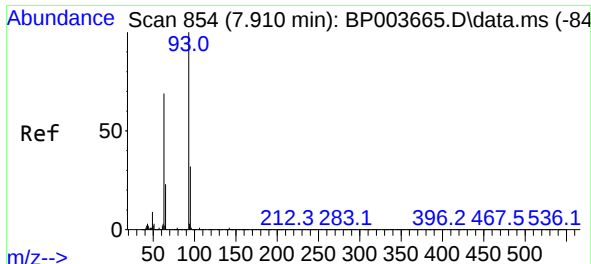


#10
Phenol
Concen: 9.89 ng
RT: 7.699 min Scan# 818
Delta R.T. -0.005 min
Lab File: BP003679.D
Acq: 20 Oct 2020 15:39



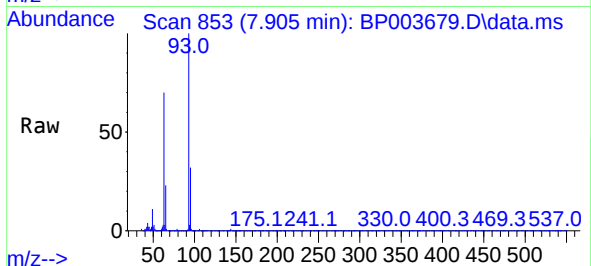
Tgt Ion: 94 Resp: 93815
Ion Ratio Lower Upper
94 100
65 30.8 2.3 42.3
66 45.8 10.9 50.9





#11
bis(2-Chloroethyl)ether
Concen: 9.71 ng
RT: 7.905 min Scan# 853
Delta R.T. -0.005 min
Lab File: BP003679.D
Acq: 20 Oct 2020 15:39

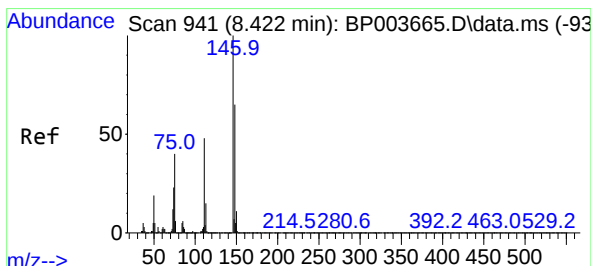
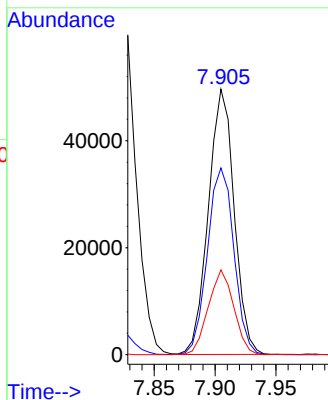
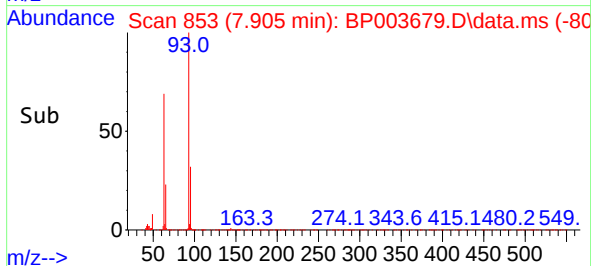
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2020



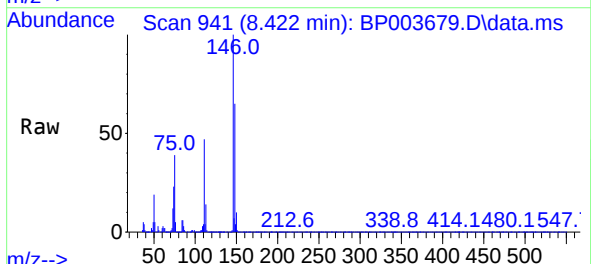
Tgt Ion: 93 Resp: 73111
Ion Ratio Lower Upper
93 100
63 70.3 39.0 79.0
95 31.9 12.8 52.8

Manual Integrations
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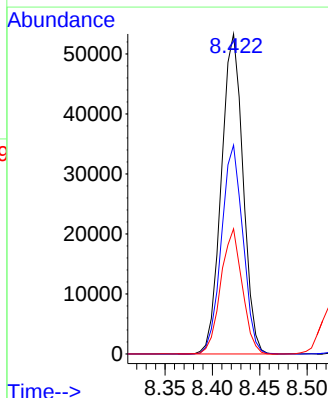
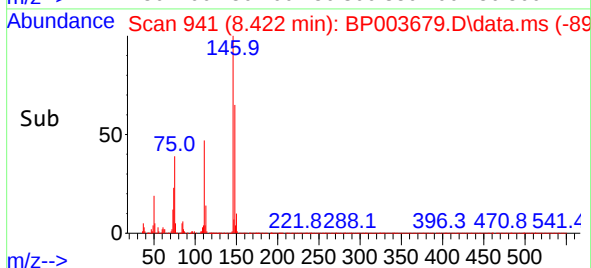
mohammad
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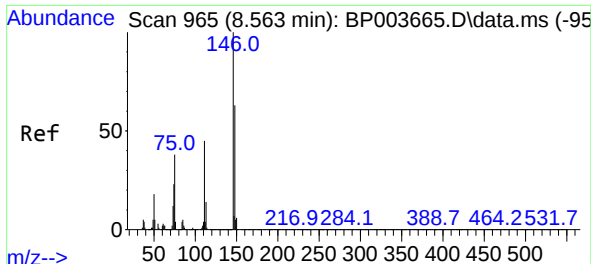


#12
1,3-Dichlorobenzene
Concen: 9.37 ng
RT: 8.422 min Scan# 941
Delta R.T. 0.000 min
Lab File: BP003679.D
Acq: 20 Oct 2020 15:39



Tgt Ion: 146 Resp: 84839
Ion Ratio Lower Upper
146 100
148 65.2 52.5 78.7
75 39.1 18.1 27.1#





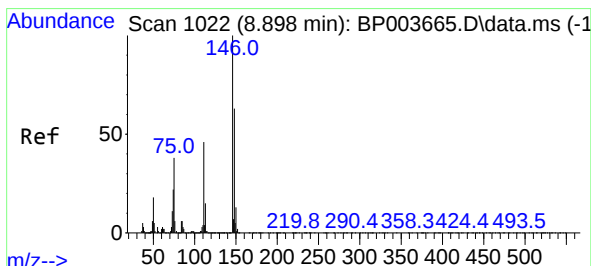
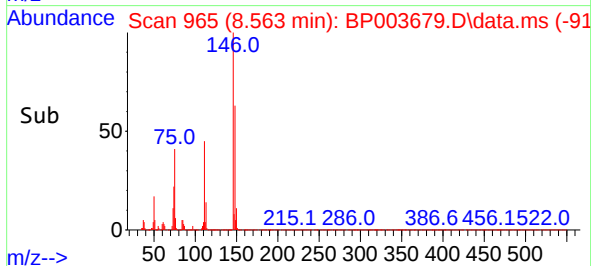
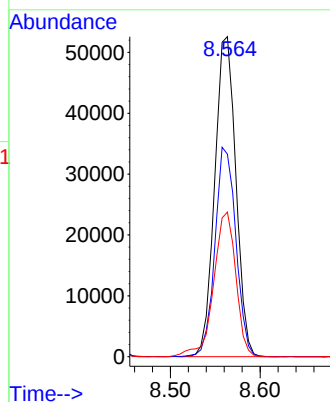
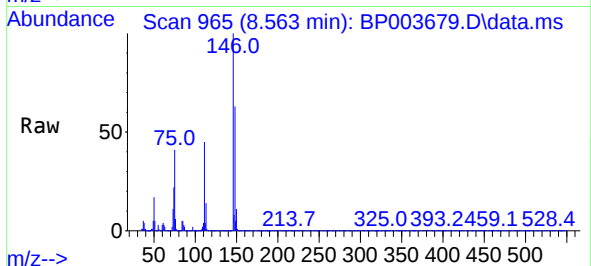
#13
1,4-Dichlorobenzene
Concen: 9.41 ng
RT: 8.563 min Scan# 965
Delta R.T. 0.000 min
Lab File: BP003679.D
Acq: 20 Oct 2020 15:39

Tgt Ion:146 Resp: 86020
Ion Ratio Lower Upper
146 100
148 63.3 51.3 76.9
111 45.2 28.9 43.3#

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2020

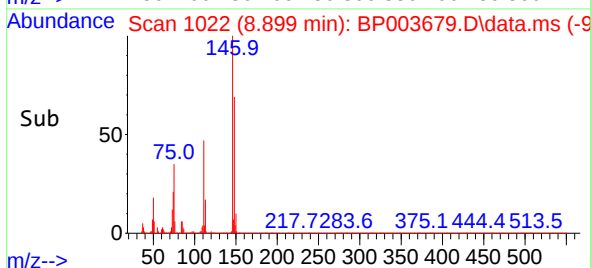
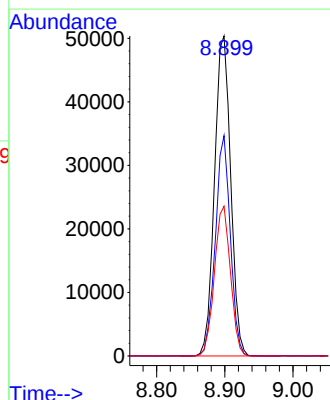
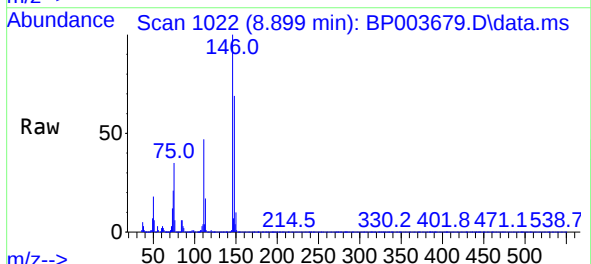
Manual Integrations
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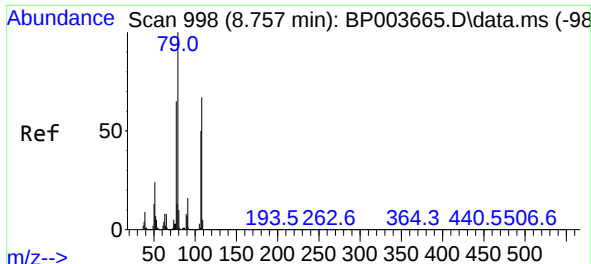
mohammad
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#14
1,2-Dichlorobenzene
Concen: 9.61 ng
RT: 8.899 min Scan# 1022
Delta R.T. 0.000 min
Lab File: BP003679.D
Acq: 20 Oct 2020 15:39

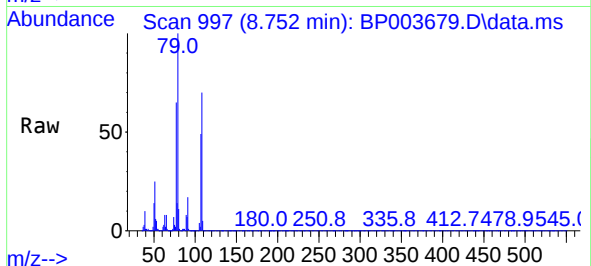
Tgt Ion:146 Resp: 83253
Ion Ratio Lower Upper
146 100
148 68.8 51.6 77.4
111 46.8 31.0 46.6#





#15
Benzyl Alcohol
Concen: 9.29 ng
RT: 8.752 min Scan# 997
Delta R.T. -0.005 min
Lab File: BP003679.D
Acq: 20 Oct 2020 15:39

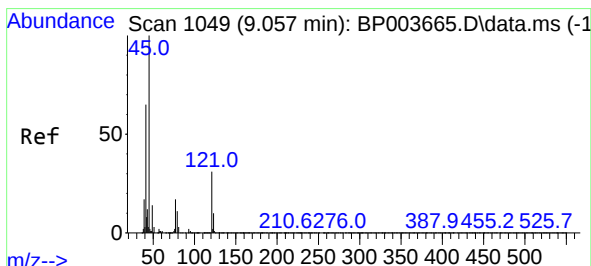
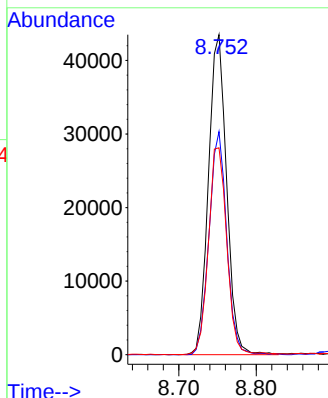
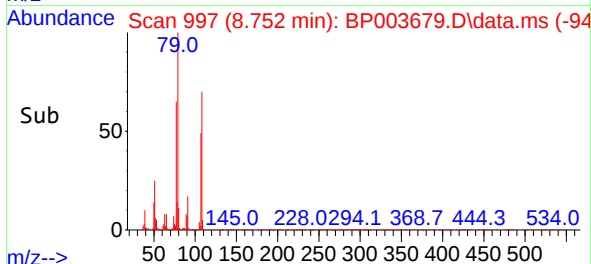
Instrument :
BNA_P
ClientSampleId :
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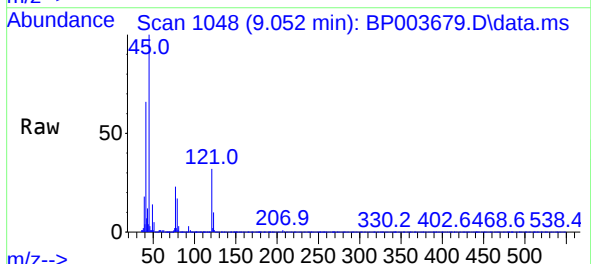
Tgt Ion: 79 Resp: 70723
Ion Ratio Lower Upper
79 100
108 69.7 73.5 110.3#
77 64.6 50.3 75.5

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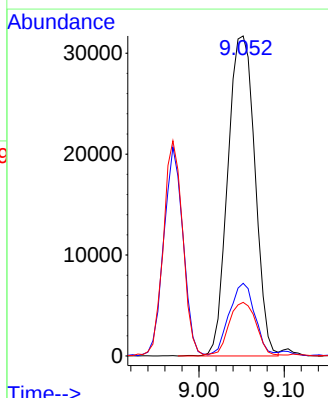
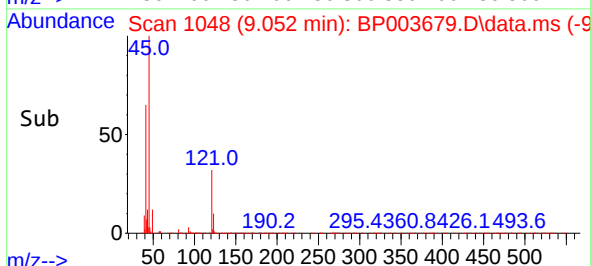
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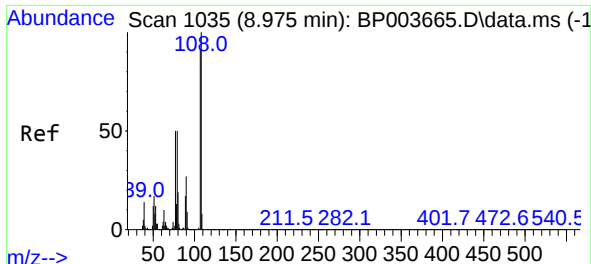


#16
2,2'-oxybis(1-Chloropropane)
Concen: 9.39 ng
RT: 9.052 min Scan# 1048
Delta R.T. -0.005 min
Lab File: BP003679.D
Acq: 20 Oct 2020 15:39



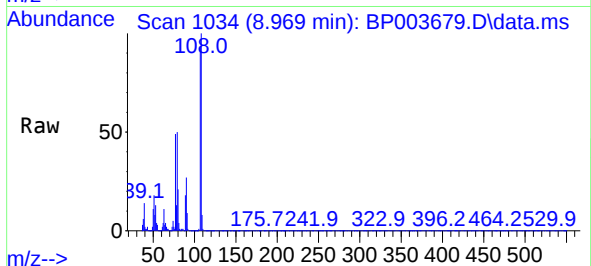
Tgt Ion: 45 Resp: 70027
Ion Ratio Lower Upper
45 100
77 22.7 2.3 42.3
79 16.7 0.0 36.6





#17
2-Methylphenol
Concen: 9.72 ng
RT: 8.969 min Scan# 1034
Delta R.T. -0.005 min
Lab File: BP003679.D
Acq: 20 Oct 2020 15:39

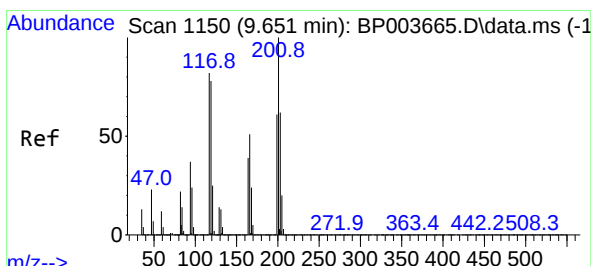
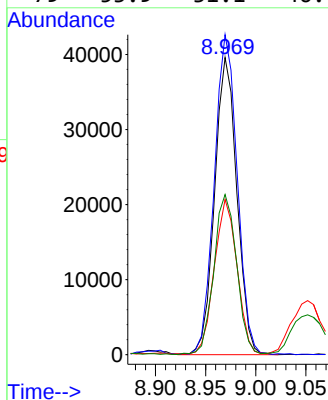
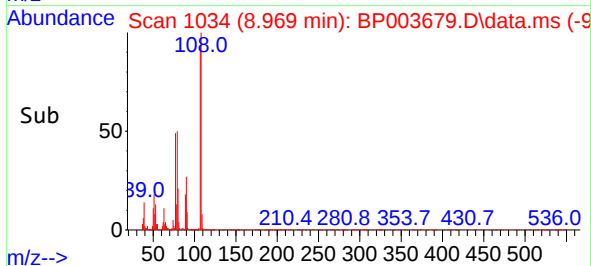
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2020



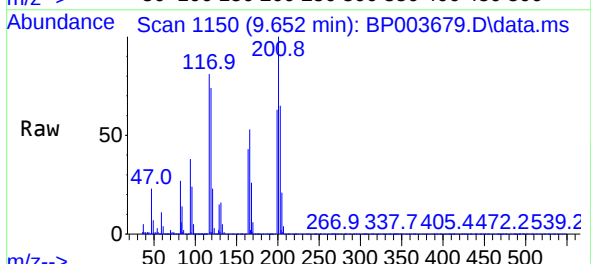
Tgt Ion:	107	Resp:	61061
Ion	Ratio	Lower	Upper
107	100		
108	107.7	89.6	134.4
77	52.3	31.8	47.6#
79	53.9	31.1	46.7#

Manual Integrations
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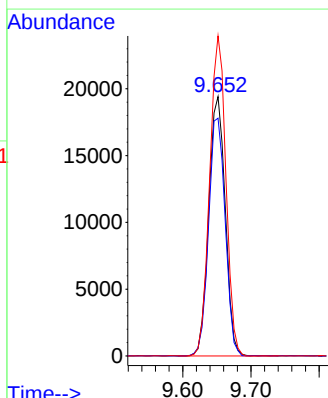
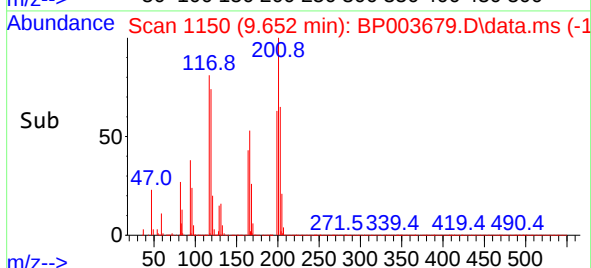
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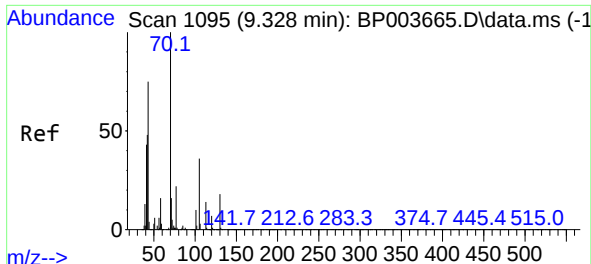


#18
Hexachloroethane
Concen: 9.29 ng
RT: 9.652 min Scan# 1150
Delta R.T. 0.000 min
Lab File: BP003679.D
Acq: 20 Oct 2020 15:39



Tgt Ion:	117	Resp:	32734
Ion	Ratio	Lower	Upper
117	100		
119	91.7	78.8	118.2
201	123.4	92.3	138.5





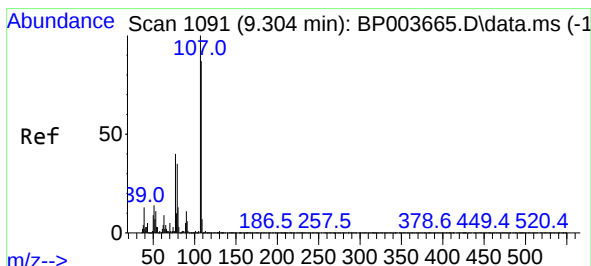
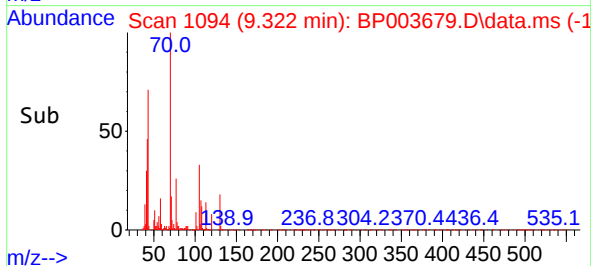
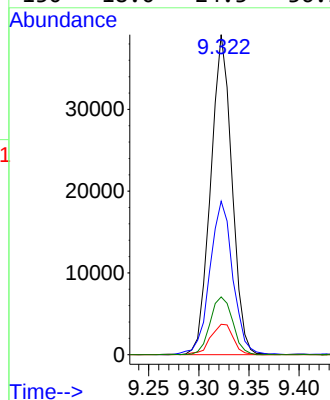
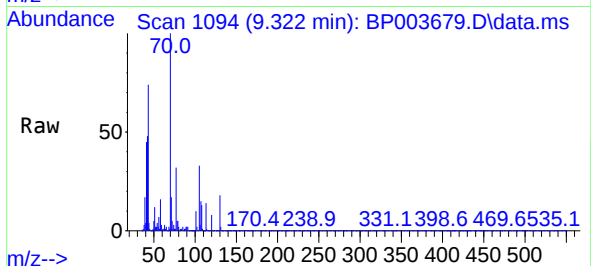
#19
n-Nitroso-di-n-propylamine
Concen: 9.47 ng
RT: 9.322 min Scan# 1094
Delta R.T. -0.005 min
Lab File: BP003679.D
Acq: 20 Oct 2020 15:39

Tgt Ion:	70	Resp:	57626
Ion	Ratio	Lower	Upper
70	100		
42	48.0	32.8	49.2
101	9.5	9.6	14.4#
130	18.0	24.3	36.5#

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2020

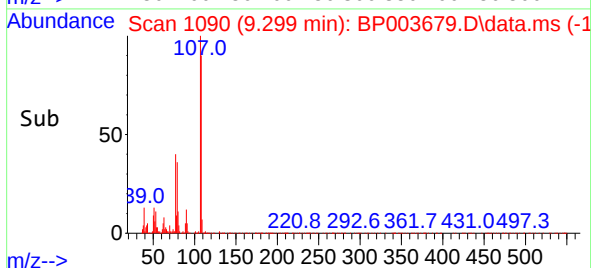
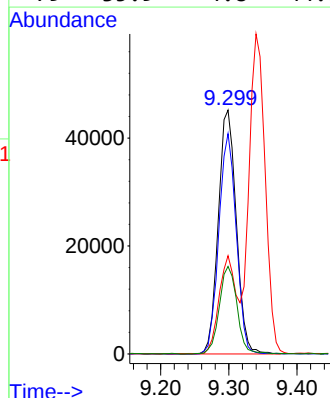
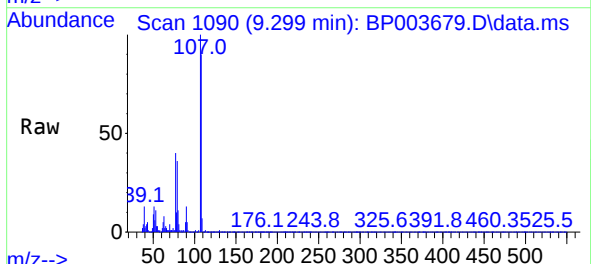
Manual Integrations
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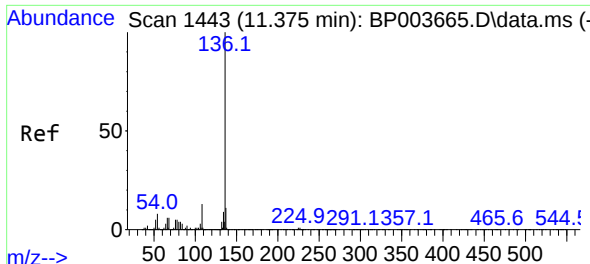
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#20
3+4-Methylphenols
Concen: 9.80 ng
RT: 9.299 min Scan# 1090
Delta R.T. -0.005 min
Lab File: BP003679.D
Acq: 20 Oct 2020 15:39

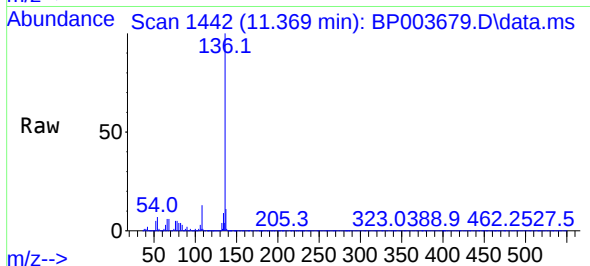
Tgt Ion:	107	Resp:	82885
Ion	Ratio	Lower	Upper
107	100		
108	90.4	69.0	109.0
77	40.3	8.5	48.5
79	35.9	4.8	44.8





#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.369 min Scan# 1442
Delta R.T. -0.006 min
Lab File: BP003679.D
Acq: 20 Oct 2020 15:39

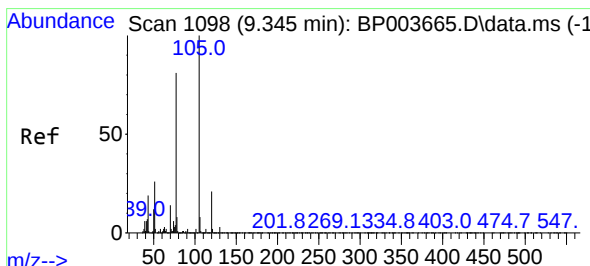
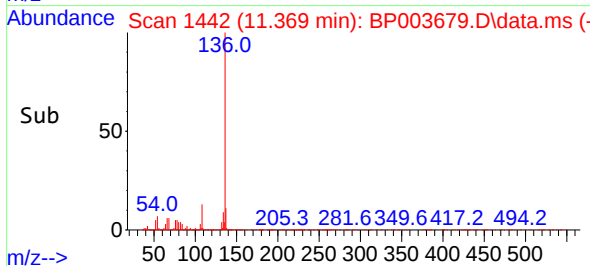
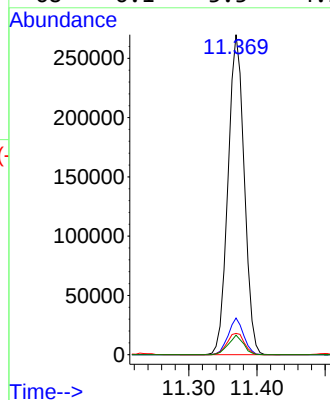
Instrument :
BNA_P
ClientSampleId :
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Tgt Ion:	136	Resp:	446548
Ion Ratio	Lower	Upper	
136	100		
137	11.4	8.6	13.0
54	6.7	3.6	5.4#
68	6.1	3.3	4.9#

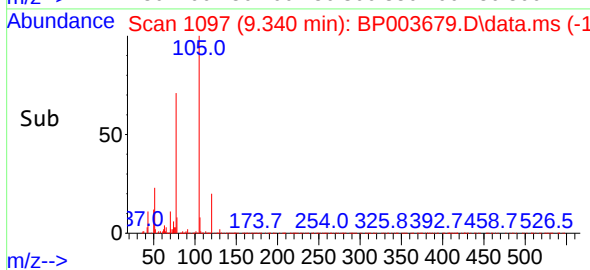
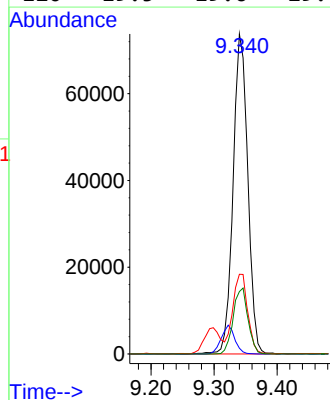
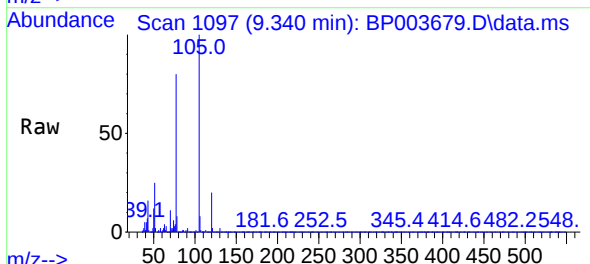
Manual Integrations
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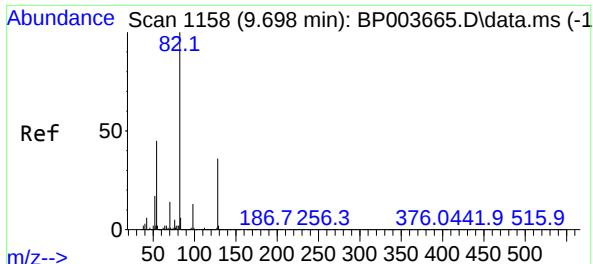
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#22
Acetophenone
Concen: 9.11 ng
RT: 9.340 min Scan# 1097
Delta R.T. -0.005 min
Lab File: BP003679.D
Acq: 20 Oct 2020 15:39

Tgt Ion:	105	Resp:	119042
Ion Ratio	Lower	Upper	
105	100		
71	1.8	2.6	3.8#
51	24.9	13.5	20.3#
120	19.5	19.6	29.4#





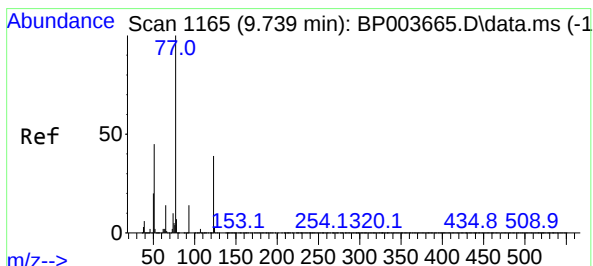
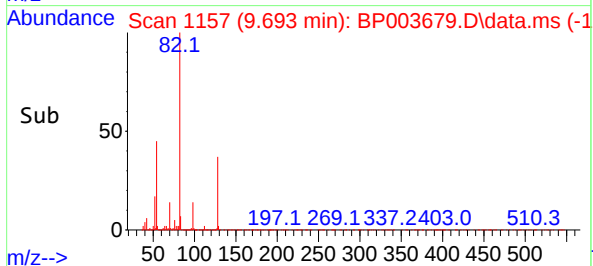
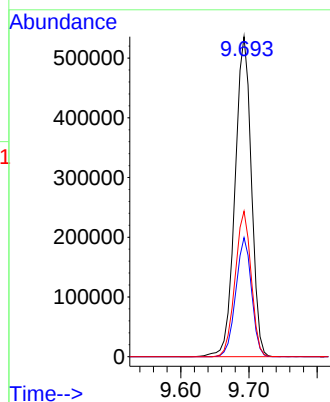
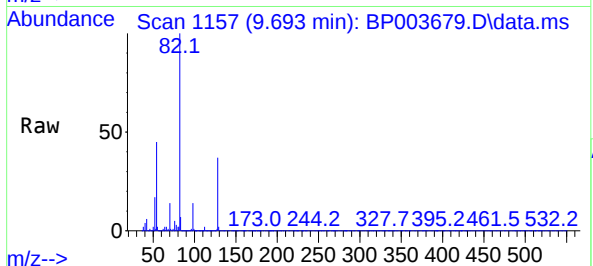
#23
Nitrobenzene-d5
Concen: 84.53 ng
RT: 9.693 min Scan# 1157
Delta R.T. -0.005 min
Lab File: BP003679.D
Acq: 20 Oct 2020 15:39

Tgt Ion: 82 Resp: 892302
Ion Ratio Lower Upper
82 100
128 37.2 45.6 68.4#
54 45.4 30.1 45.1#

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2020

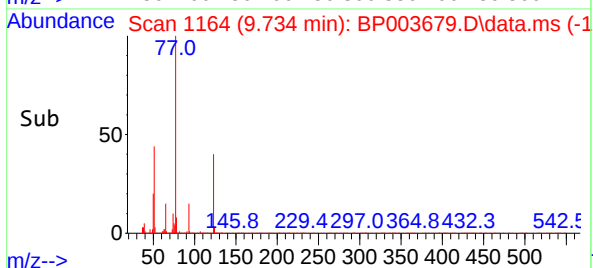
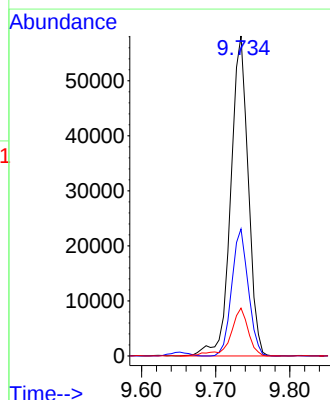
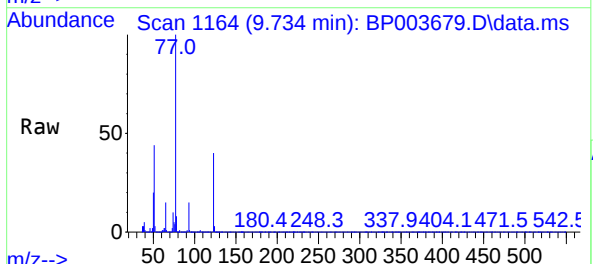
Manual Integrations
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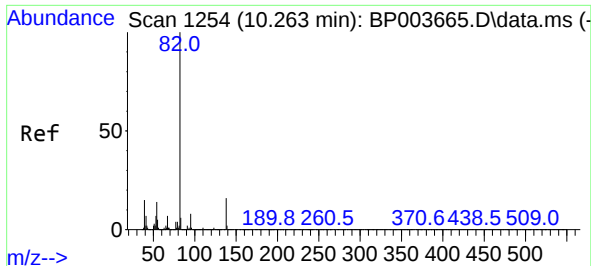
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#24
Nitrobenzene
Concen: 9.36 ng
RT: 9.734 min Scan# 1164
Delta R.T. -0.005 min
Lab File: BP003679.D
Acq: 20 Oct 2020 15:39

Tgt Ion: 77 Resp: 95106
Ion Ratio Lower Upper
77 100
123 39.7 48.6 72.8#
65 15.0 10.0 15.0





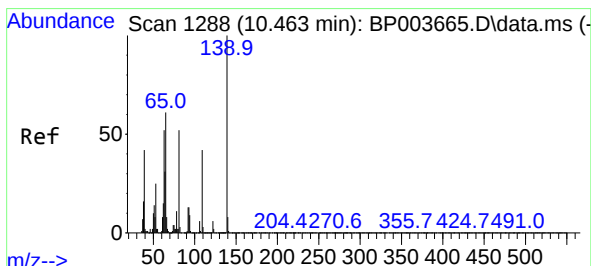
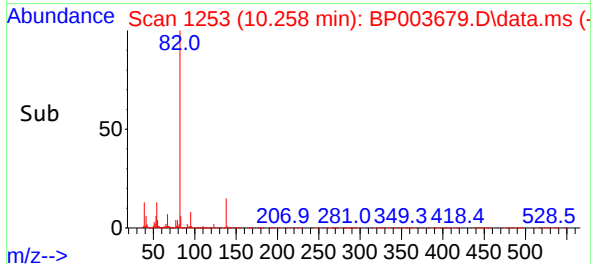
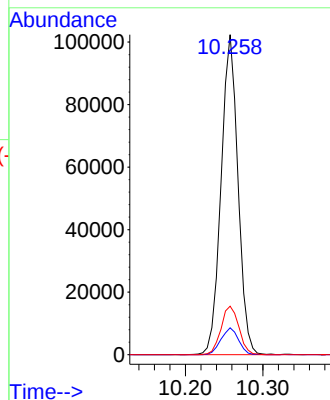
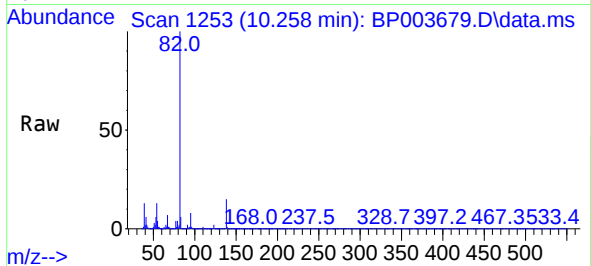
#25
Isophorone
Concen: 9.11 ng
RT: 10.258 min Scan# 1253
Delta R.T. -0.005 min
Lab File: BP003679.D
Acq: 20 Oct 2020 15:39

Tgt Ion: 82 Resp: 154982
Ion Ratio Lower Upper
82 100
95 8.4 6.4 9.6
138 15.2 18.7 28.1#

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2020

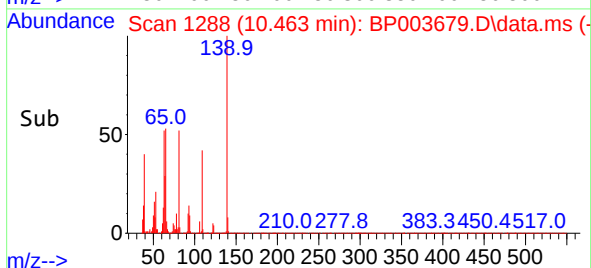
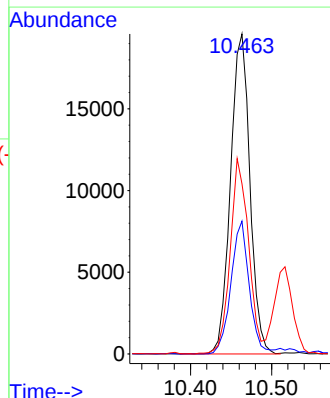
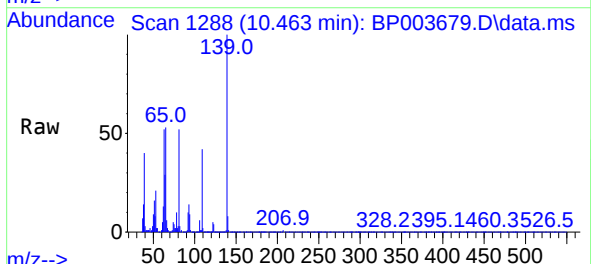
Manual Integrations
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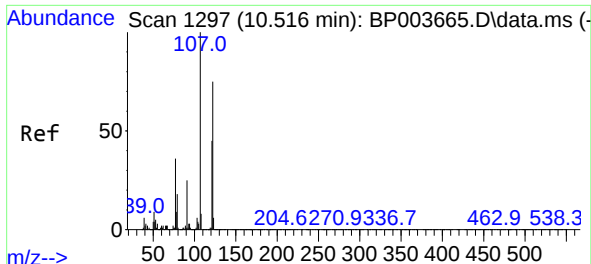
mohammad
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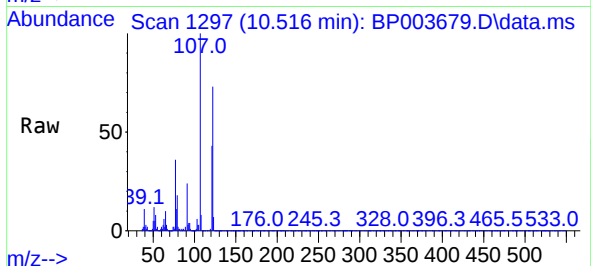
#26
2-Nitrophenol
Concen: 8.55 ng
RT: 10.463 min Scan# 1288
Delta R.T. 0.000 min
Lab File: BP003679.D
Acq: 20 Oct 2020 15:39

Tgt Ion: 139 Resp: 32453
Ion Ratio Lower Upper
139 100
109 41.5 22.1 33.1#
65 53.2 26.5 39.7#

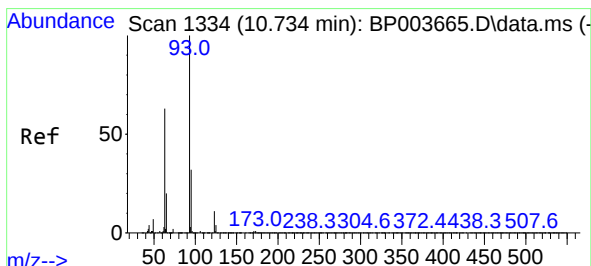
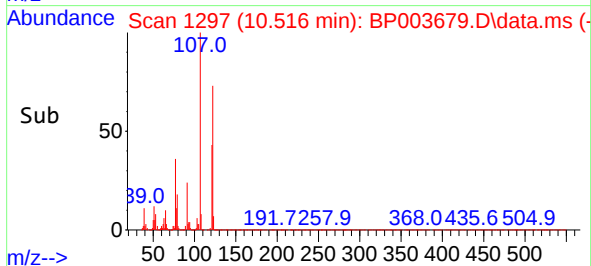
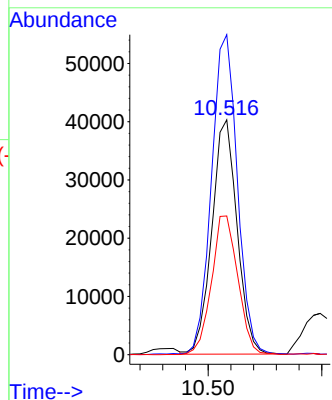




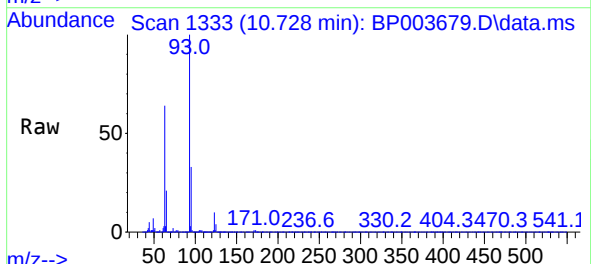
#27
2,4-Dimethylphenol
Concen: 10.42 ng
RT: 10.516 min Scan# 1297
Delta R.T. 0.000 min
Lab File: BP003679.D
Acq: 20 Oct 2020 15:39



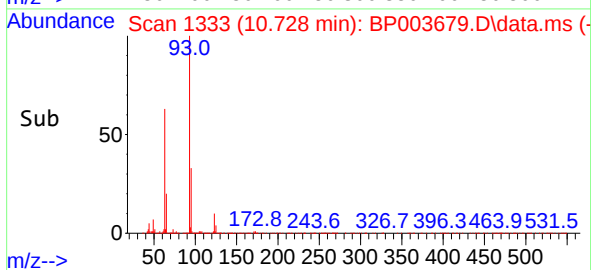
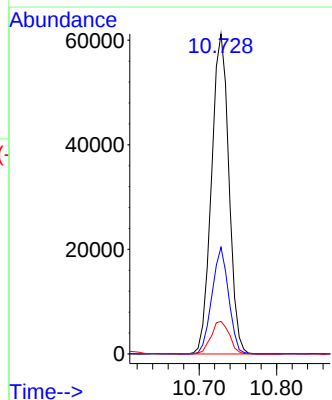
Tgt Ion:122 Resp: 62112
Ion Ratio Lower Upper
122 100
107 136.3 87.3 130.9#
121 59.1 47.3 70.9



#28
bis(2-Chloroethoxy)methane
Concen: 8.78 ng
RT: 10.728 min Scan# 1333
Delta R.T. -0.005 min
Lab File: BP003679.D
Acq: 20 Oct 2020 15:39



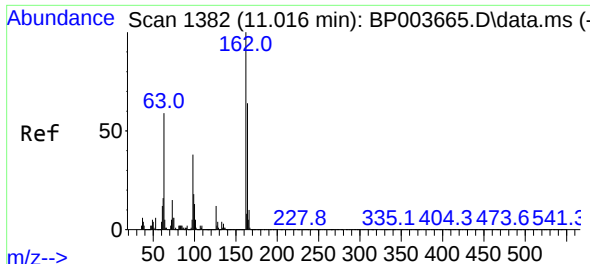
Tgt Ion: 93 Resp: 95287
Ion Ratio Lower Upper
93 100
95 33.4 26.7 40.1
123 10.2 10.5 15.7#



Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2020

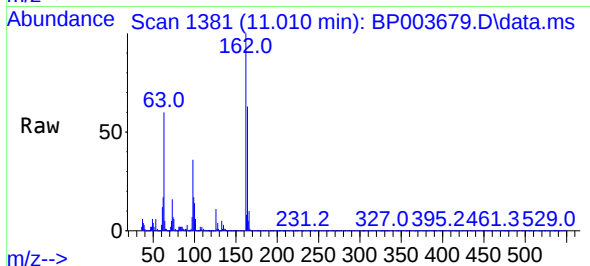
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#29
2,4-Dichlorophenol
Concen: 8.47 ng
RT: 11.010 min Scan# 1381
Delta R.T. -0.005 min
Lab File: BP003679.D
Acq: 20 Oct 2020 15:39

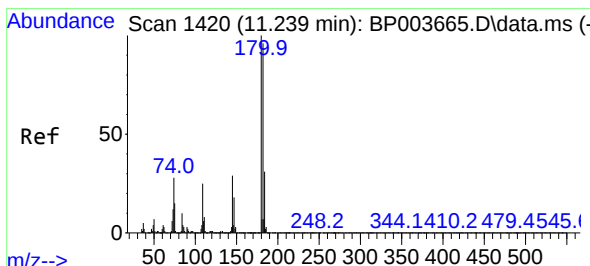
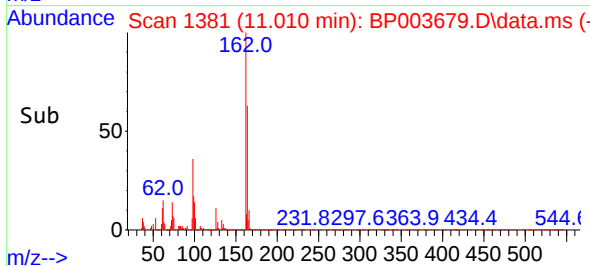
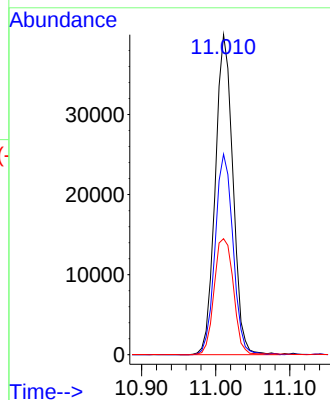
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2020



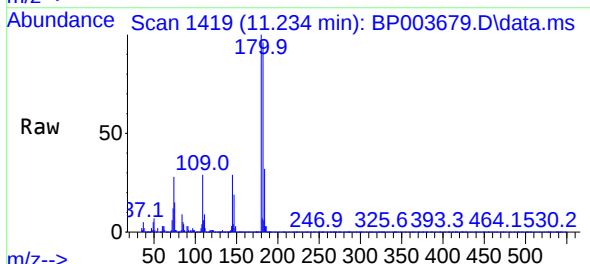
Tgt Ion:162 Resp: 66229
Ion Ratio Lower Upper
162 100
164 62.6 45.8 85.8
98 36.2 10.2 50.2

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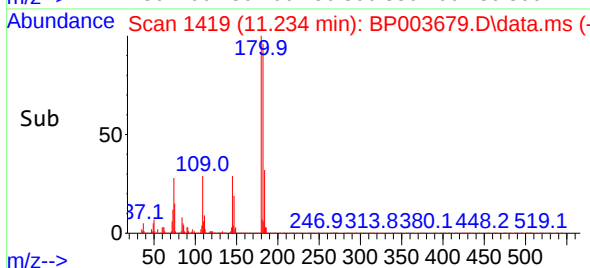
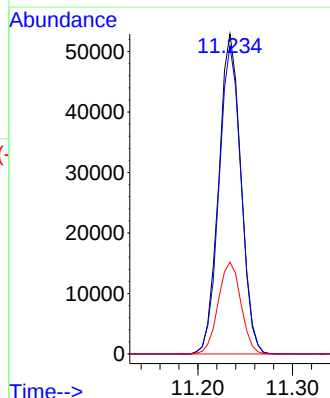
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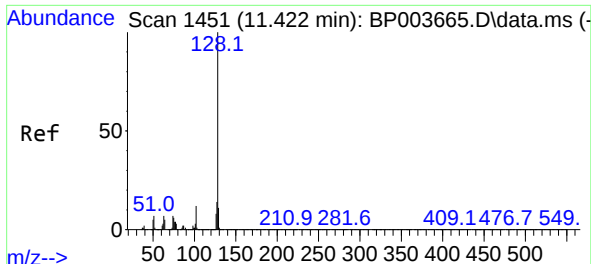


#30
1,2,4-Trichlorobenzene
Concen: 8.59 ng
RT: 11.234 min Scan# 1419
Delta R.T. -0.005 min
Lab File: BP003679.D
Acq: 20 Oct 2020 15:39



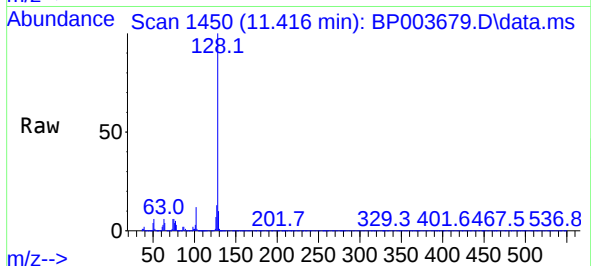
Tgt Ion:180 Resp: 86044
Ion Ratio Lower Upper
180 100
182 96.3 76.2 114.2
145 28.7 23.8 35.8





#31
Naphthalene
Concen: 9.02 ng
RT: 11.416 min Scan# 1450
Delta R.T. -0.005 min
Lab File: BP003679.D
Acq: 20 Oct 2020 15:39

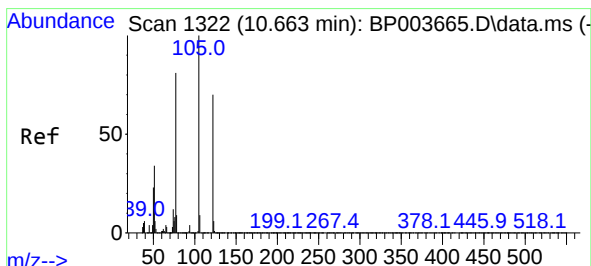
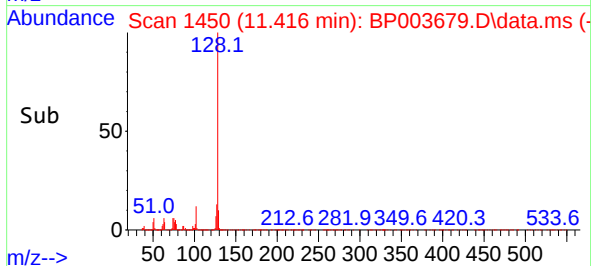
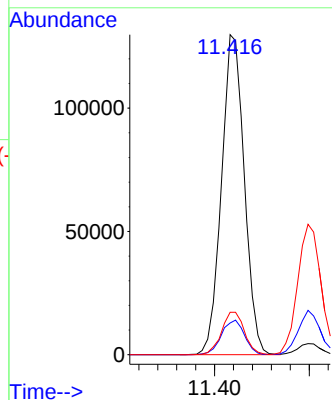
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2020



Tgt Ion:128 Resp: 217101
Ion Ratio Lower Upper
128 100
129 9.9 8.8 13.2
127 13.3 10.6 15.8

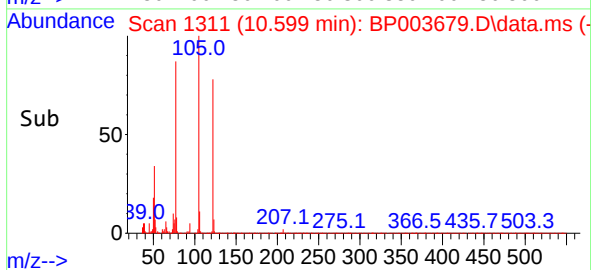
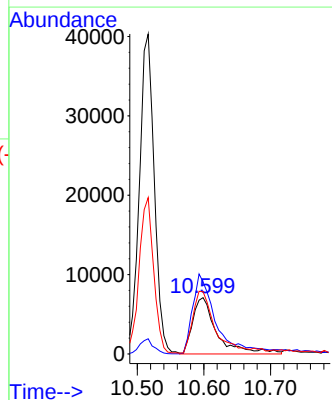
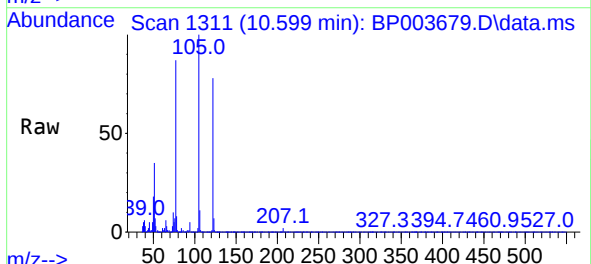
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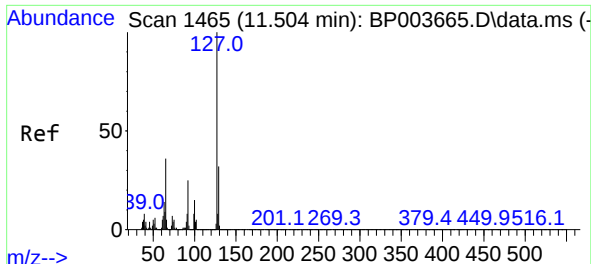
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#32
Benzoic acid
Concen: 5.07 ng m
RT: 10.599 min Scan# 1311
Delta R.T. -0.064 min
Lab File: BP003679.D
Acq: 20 Oct 2020 15:39

Tgt Ion:122 Resp: 17934
Ion Ratio Lower Upper
122 100
105 127.8 94.1 134.1
77 110.5 50.1 90.1#





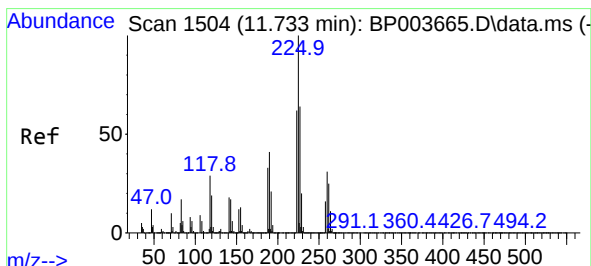
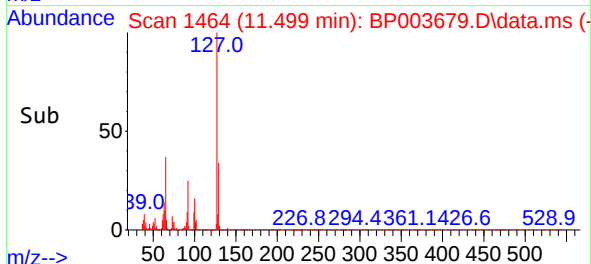
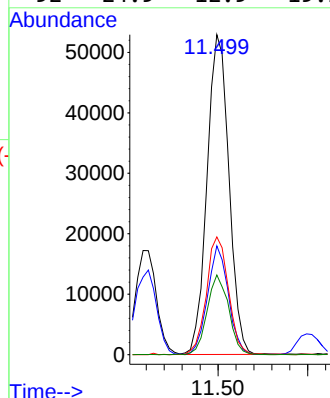
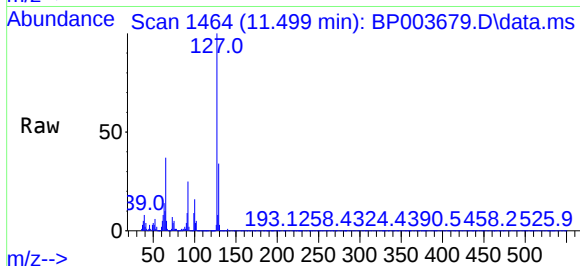
#33
4-Chloroaniline
Concen: 9.04 ng
RT: 11.499 min Scan# 1464
Delta R.T. -0.005 min
Lab File: BP003679.D
Acq: 20 Oct 2020 15:39

Tgt Ion:	127	Resp:	89655
Ion Ratio	Lower	Upper	
127	100		
129	34.0	25.7	38.5
65	36.8	17.3	25.9#
92	24.9	12.9	19.3#

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2020

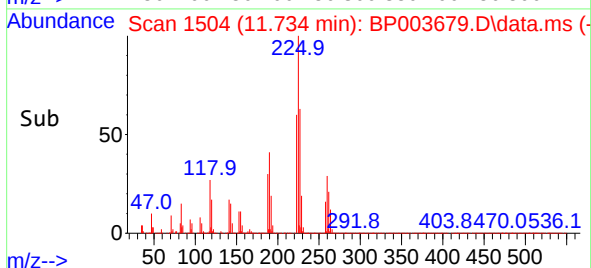
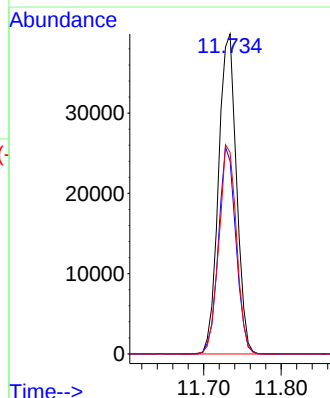
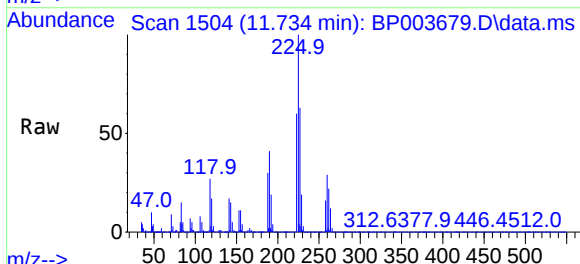
Manual Integrations
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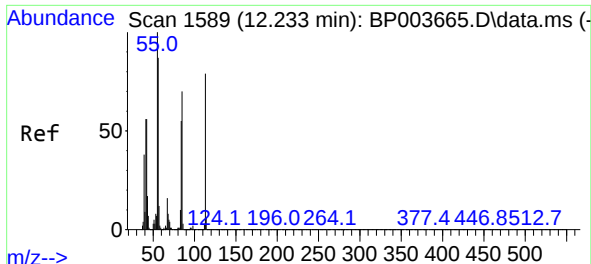
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#34
Hexachlorobutadiene
Concen: 8.46 ng
RT: 11.734 min Scan# 1504
Delta R.T. 0.000 min
Lab File: BP003679.D
Acq: 20 Oct 2020 15:39

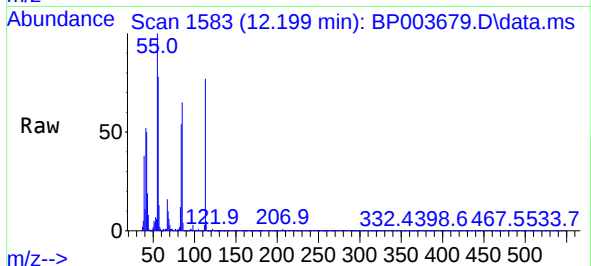
Tgt Ion:	225	Resp:	63980
Ion Ratio	Lower	Upper	
225	100		
223	60.2	50.1	75.1
227	62.9	51.4	77.2





#35
Caprolactam
Concen: 8.10 ng
RT: 12.199 min Scan# 1583
Delta R.T. -0.035 min
Lab File: BP003679.D
Acq: 20 Oct 2020 15:39

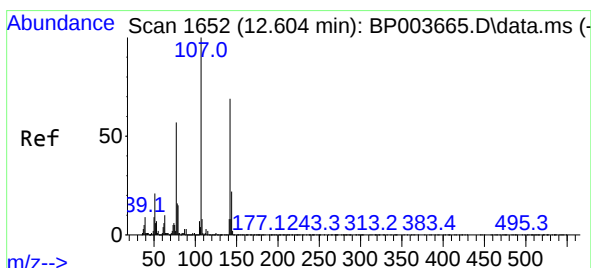
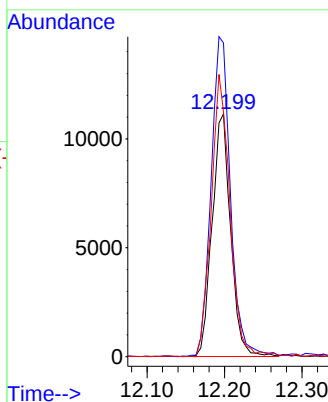
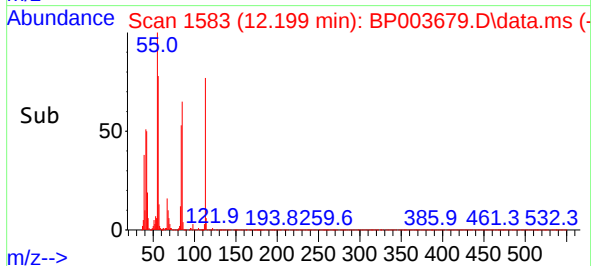
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2020



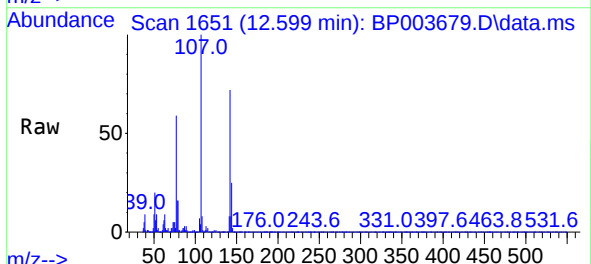
Tgt Ion:113 Resp: 18543
Ion Ratio Lower Upper
113 100
55 129.3 77.3 117.3#
56 100.9 55.9 95.9#

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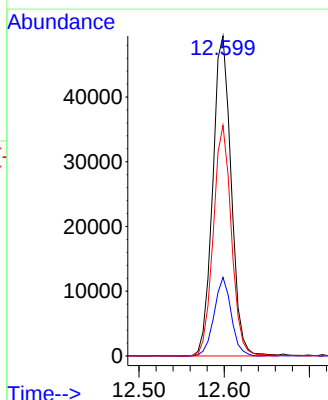
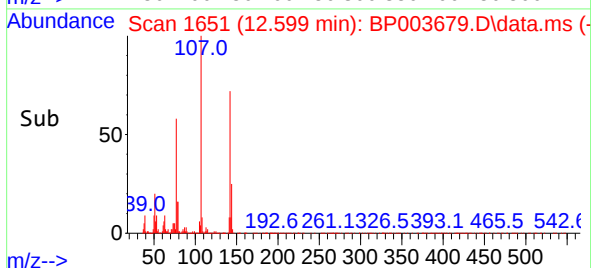
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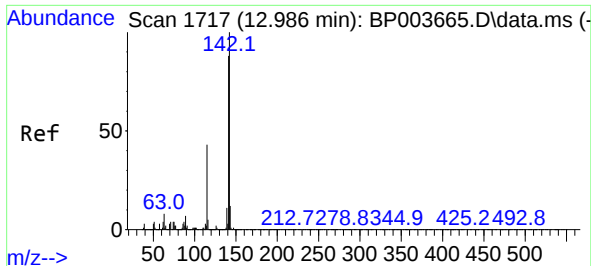


#36
4-Chloro-3-methylphenol
Concen: 8.76 ng
RT: 12.599 min Scan# 1651
Delta R.T. -0.005 min
Lab File: BP003679.D
Acq: 20 Oct 2020 15:39



Tgt Ion:107 Resp: 74274
Ion Ratio Lower Upper
107 100
144 24.6 22.7 34.1
142 72.0 70.7 106.1





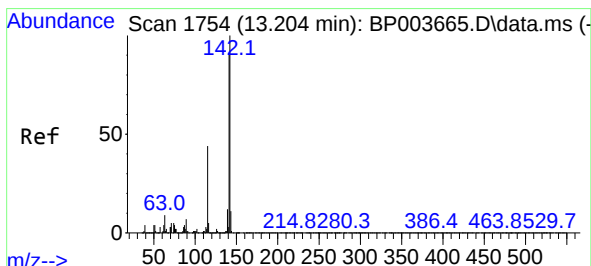
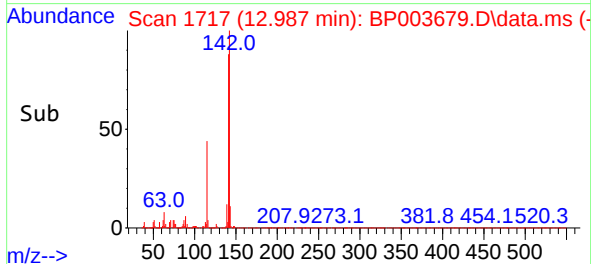
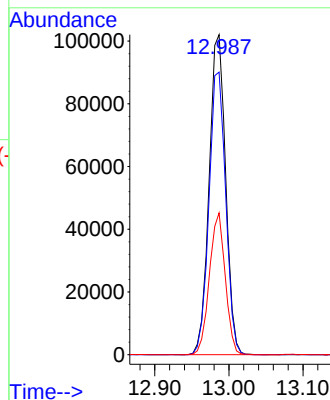
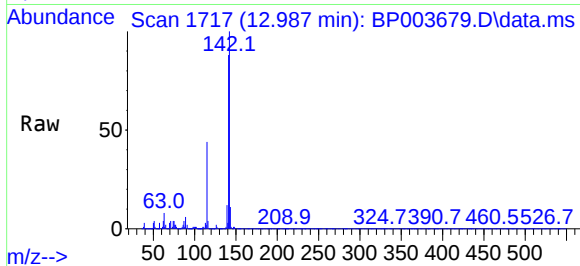
#37
2-Methylnaphthalene
Concen: 9.02 ng
RT: 12.987 min Scan# 1717
Delta R.T. 0.000 min
Lab File: BP003679.D
Acq: 20 Oct 2020 15:39

Tgt Ion:142 Resp: 157630
Ion Ratio Lower Upper
142 100
141 88.3 71.4 107.2
115 44.3 25.8 38.6#

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2020

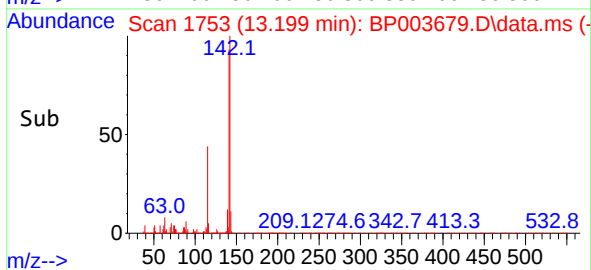
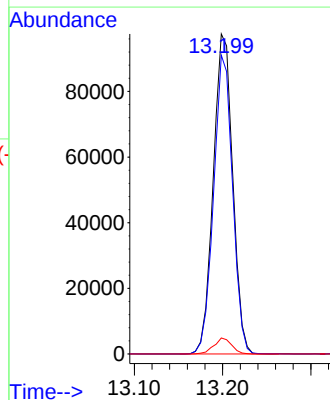
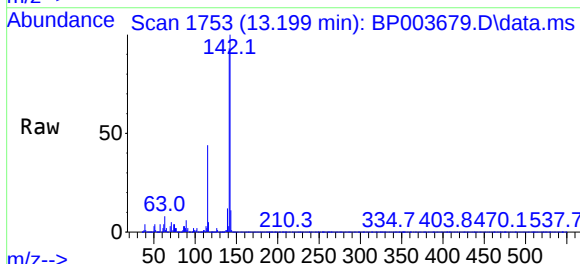
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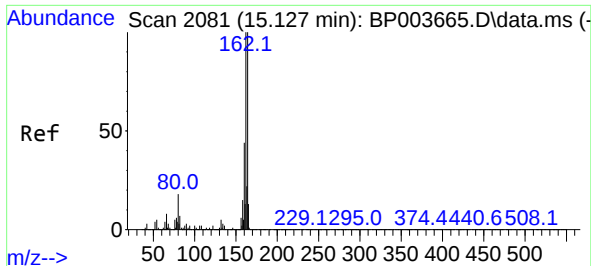
mohammad
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#38
1-Methylnaphthalene
Concen: 9.02 ng m
RT: 13.199 min Scan# 1753
Delta R.T. -0.005 min
Lab File: BP003679.D
Acq: 20 Oct 2020 15:39

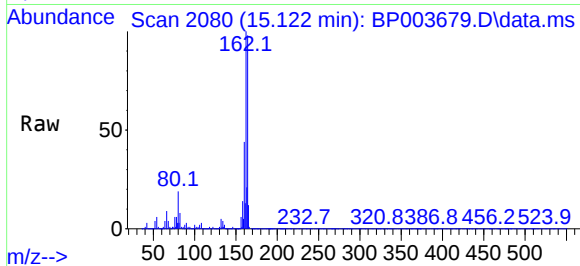
Tgt Ion:142 Resp: 148901
Ion Ratio Lower Upper
142 100
141 93.3 74.4 111.6
116 5.0 2.9 4.3#





#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.122 min Scan# 2080
Delta R.T. -0.005 min
Lab File: BP003679.D
Acq: 20 Oct 2020 15:39

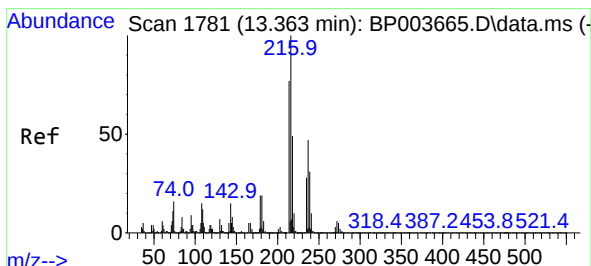
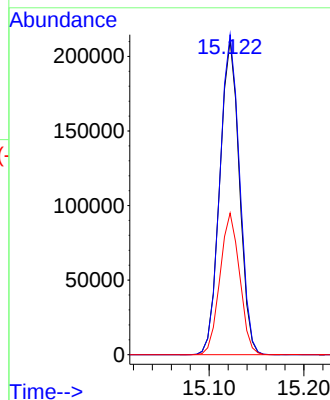
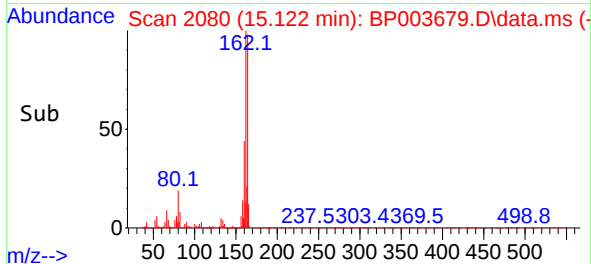
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2020



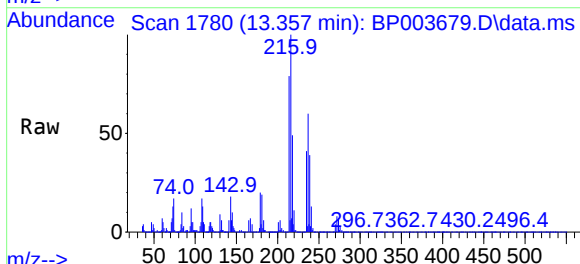
Tgt Ion:164 Resp: 303231
Ion Ratio Lower Upper
164 100
162 101.9 79.4 119.2
160 45.1 36.1 54.1

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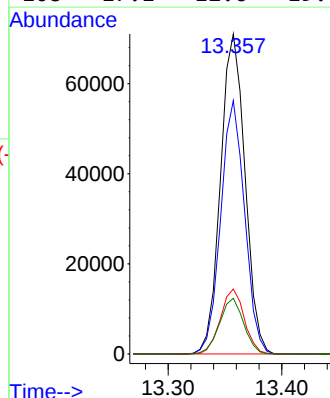
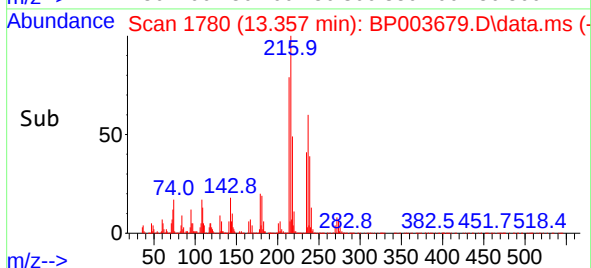
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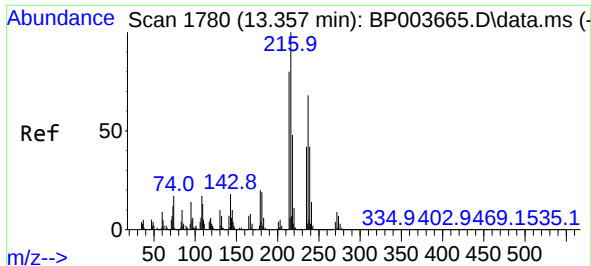


#40
1,2,4,5-Tetrachlorobenzene
Concen: 8.85 ng
RT: 13.357 min Scan# 1780
Delta R.T. -0.005 min
Lab File: BP003679.D
Acq: 20 Oct 2020 15:39



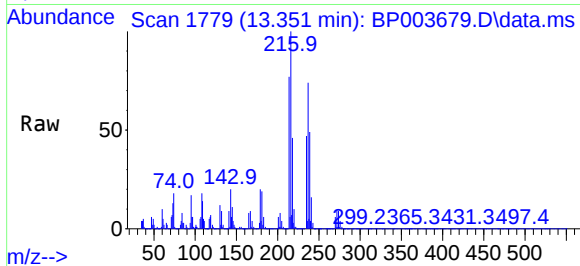
Tgt Ion:216 Resp: 106305
Ion Ratio Lower Upper
216 100
214 77.4 63.0 94.6
179 19.9 16.9 25.3
108 17.1 12.6 19.0





#41
Hexachlorocyclopentadiene
Concen: 9.85 ng
RT: 13.351 min Scan# 1779
Delta R.T. -0.005 min
Lab File: BP003679.D
Acq: 20 Oct 2020 15:39

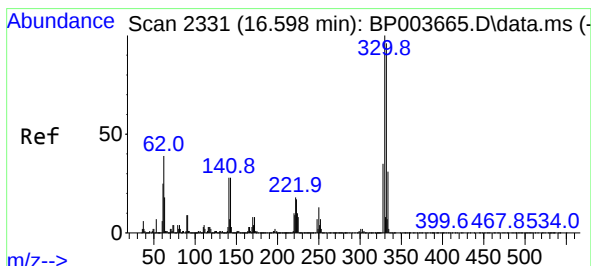
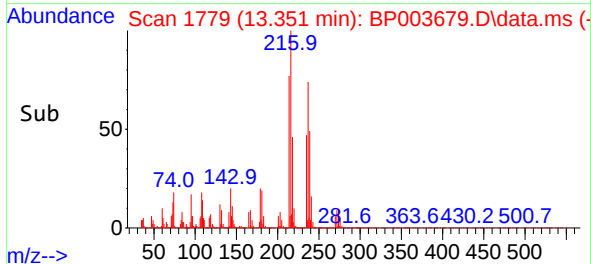
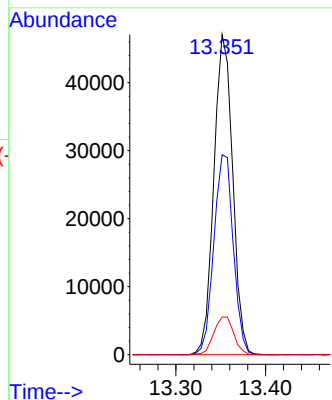
Instrument :
BNA_P
ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
237	100		
235	62.5	43.2	83.2
272	11.7	0.0	33.3

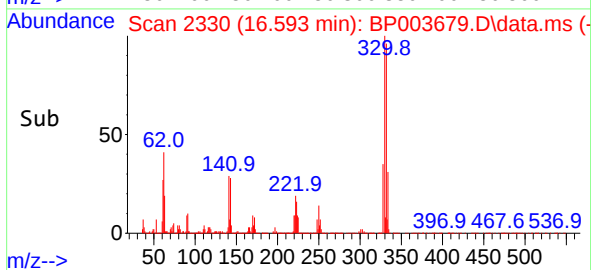
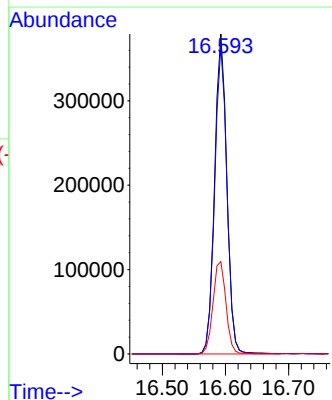
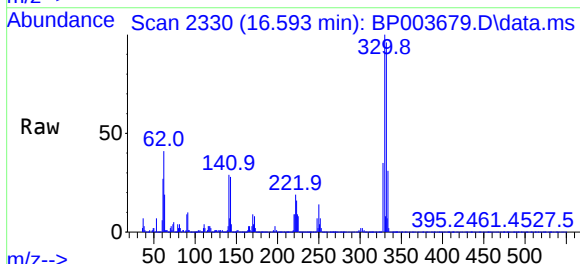
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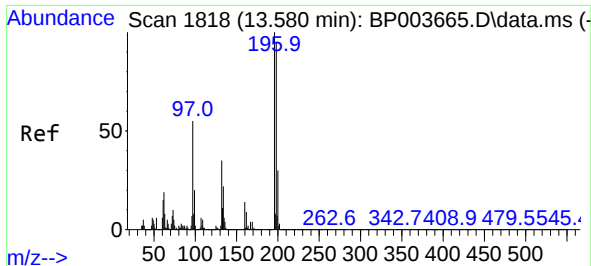
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#42
2,4,6-Tribromophenol
Concen: 107.47 ng
RT: 16.593 min Scan# 2330
Delta R.T. -0.005 min
Lab File: BP003679.D
Acq: 20 Oct 2020 15:39

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.1	115.7
141	30.7	23.4	35.2





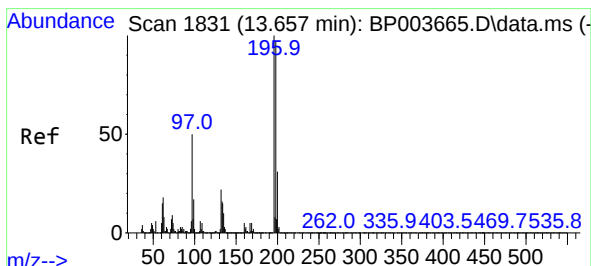
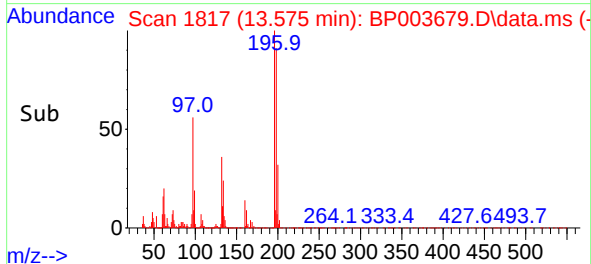
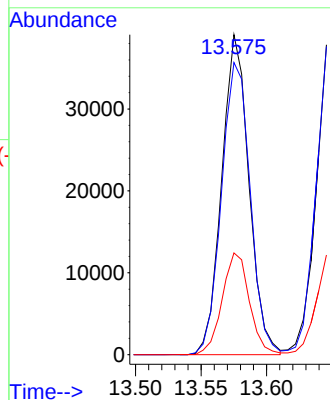
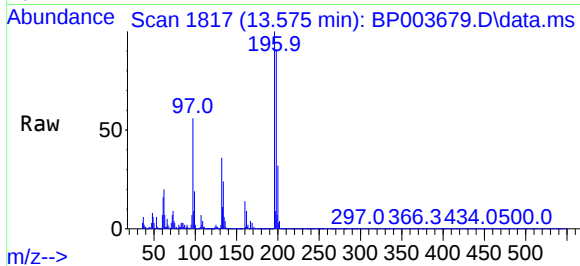
#43
2,4,6-Trichlorophenol
Concen: 7.90 ng
RT: 13.575 min Scan# 1817
Delta R.T. -0.005 min
Lab File: BP003679.D
Acq: 20 Oct 2020 15:39

Tgt Ion:196	Resp:	56439
Ion Ratio	Lower	Upper
196	100	
198	91.3	77.0 115.6
200	31.8	25.1 37.7

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2020

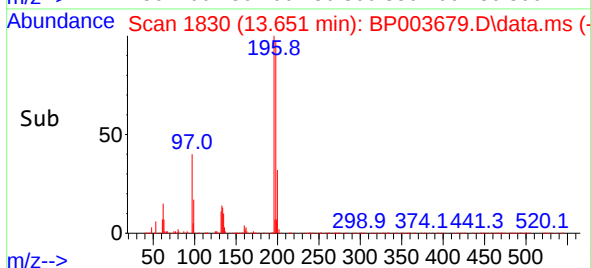
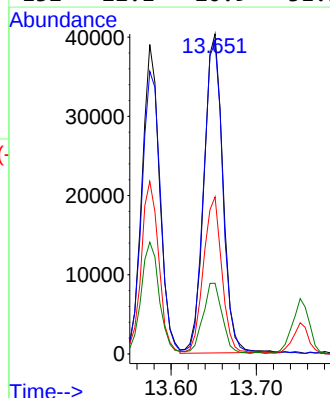
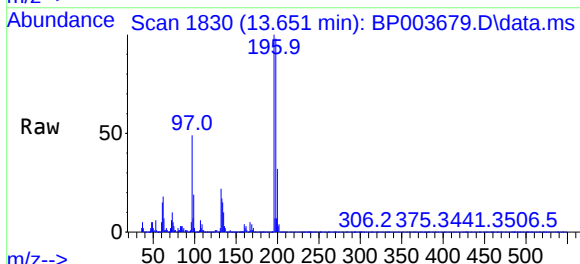
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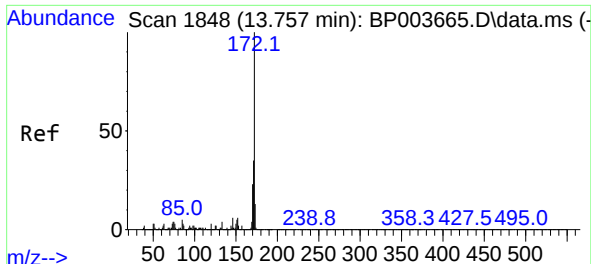
mohammad
10/21/2020 12:51:05 PM



#44
2,4,5-Trichlorophenol
Concen: 8.37 ng
RT: 13.651 min Scan# 1830
Delta R.T. -0.005 min
Lab File: BP003679.D
Acq: 20 Oct 2020 15:39

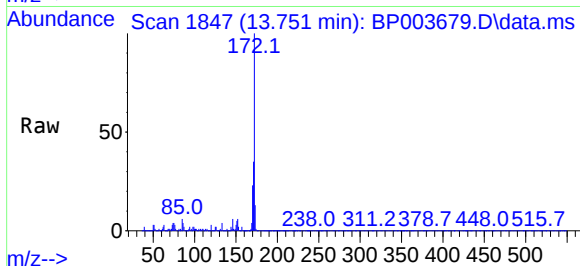
Tgt Ion:196	Resp:	62159
Ion Ratio	Lower	Upper
196	100	
198	97.5	77.3 115.9
97	49.1	31.0 46.4#
132	22.1	20.9 31.3





#45
2-Fluorobiphenyl
Concen: 85.84 ng
RT: 13.751 min Scan# 1847
Delta R.T. -0.005 min
Lab File: BP003679.D
Acq: 20 Oct 2020 15:39

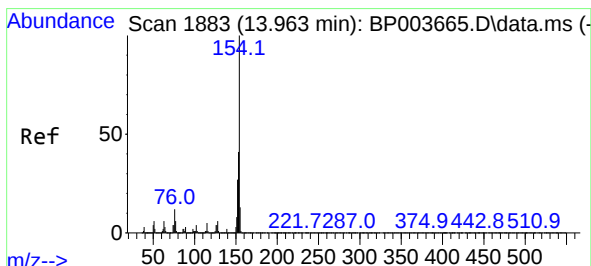
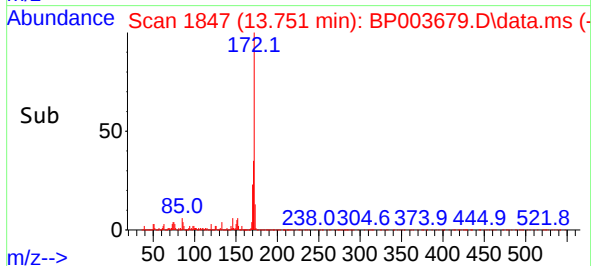
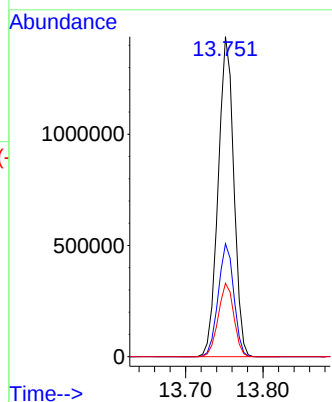
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2020



Tgt Ion:172 Resp: 2013356
Ion Ratio Lower Upper
172 100
171 35.3 28.5 42.7
170 23.0 19.2 28.8

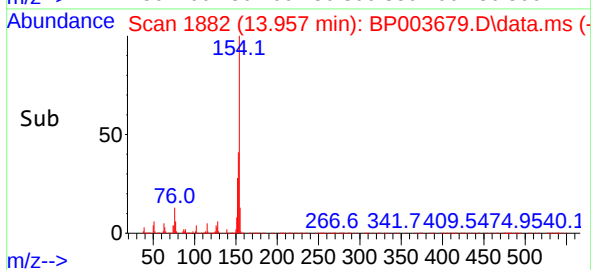
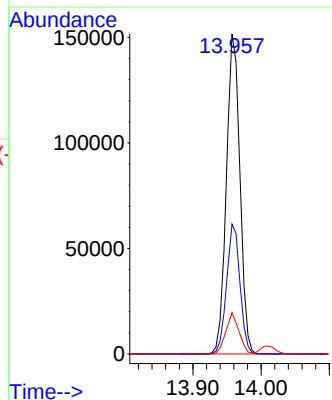
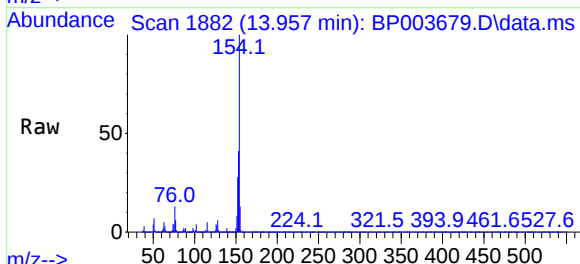
Manual Integrations
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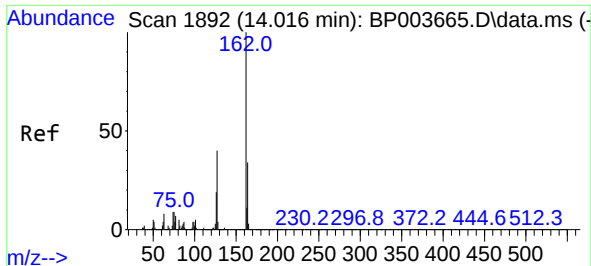
mohammad
10/21/2020 12:51:05 PM



#46
1,1'-Biphenyl
Concen: 8.86 ng
RT: 13.957 min Scan# 1882
Delta R.T. -0.005 min
Lab File: BP003679.D
Acq: 20 Oct 2020 15:39

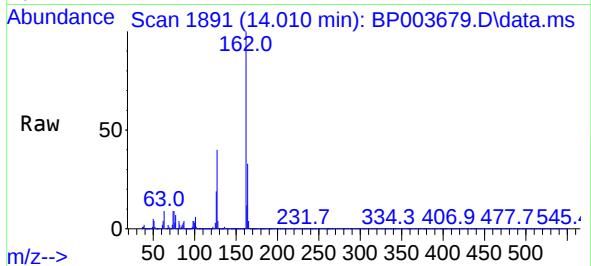
Tgt Ion:154 Resp: 209475
Ion Ratio Lower Upper
154 100
153 40.5 20.4 60.4
76 12.9 0.0 29.3





#47
2-Chloronaphthalene
Concen: 8.32 ng
RT: 14.010 min Scan# 1891
Delta R.T. -0.005 min
Lab File: BP003679.D
Acq: 20 Oct 2020 15:39

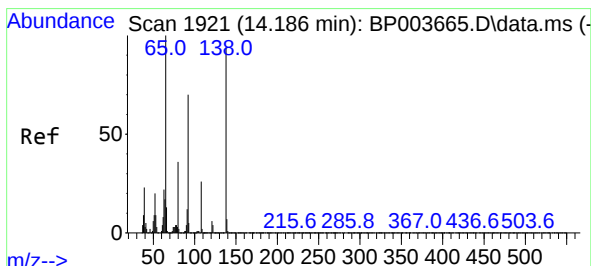
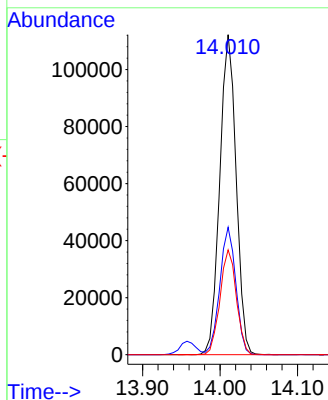
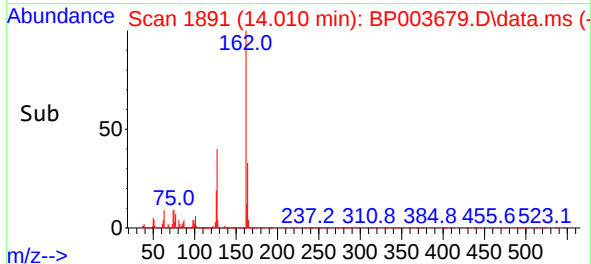
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2020



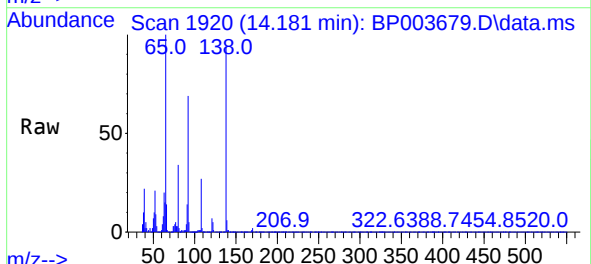
Tgt Ion:162 Resp: 164603
Ion Ratio Lower Upper
162 100
127 39.8 29.9 44.9
164 32.8 26.1 39.1

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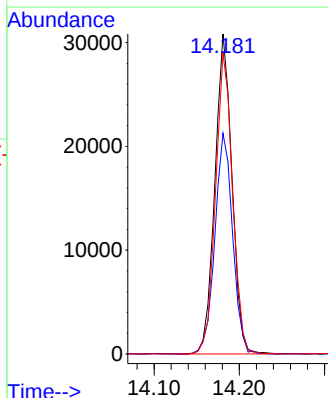
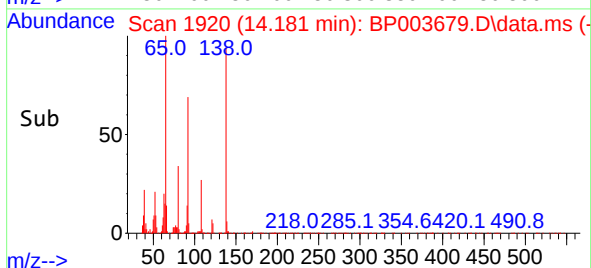
mohammad
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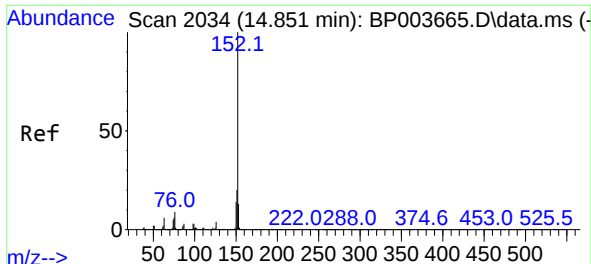


#48
2-Nitroaniline
Concen: 7.37 ng
RT: 14.181 min Scan# 1920
Delta R.T. -0.005 min
Lab File: BP003679.D
Acq: 20 Oct 2020 15:39



Tgt Ion: 65 Resp: 43064
Ion Ratio Lower Upper
65 100
92 69.0 70.6 106.0#
138 94.0 133.6 200.4#





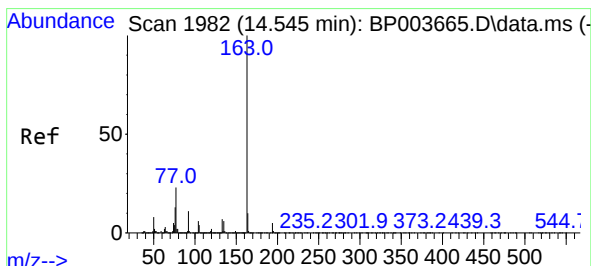
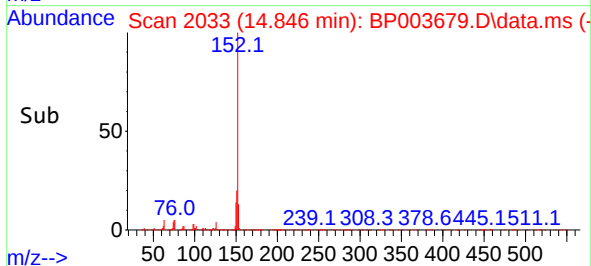
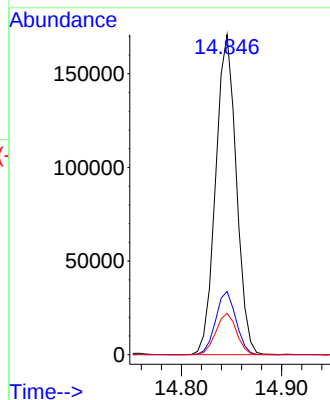
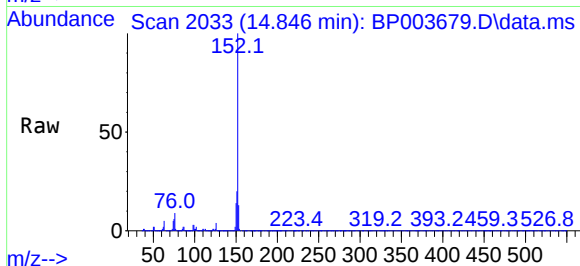
#49
Acenaphthylene
Concen: 8.66 ng
RT: 14.846 min Scan# 2033
Delta R.T. -0.005 min
Lab File: BP003679.D
Acq: 20 Oct 2020 15:39

Tgt Ion:	152	Resp:	244406
Ion Ratio	Lower	Upper	
152	100		
151	19.7	15.9	23.9
153	12.9	10.5	15.7

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2020

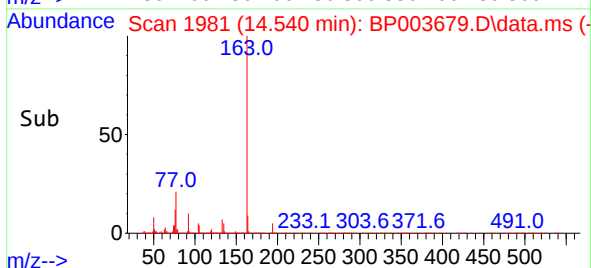
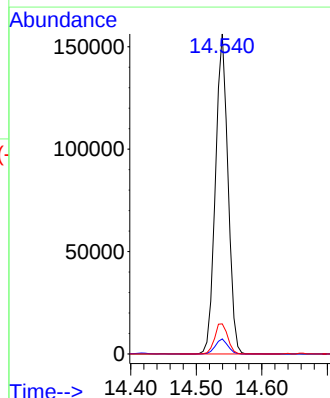
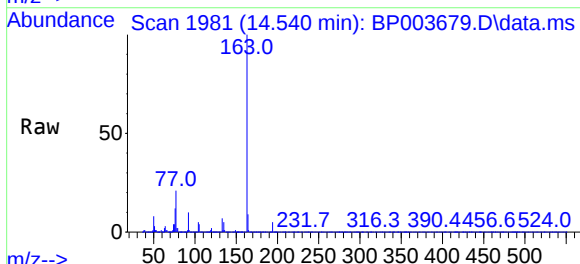
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#50
Dimethylphthalate
Concen: 8.30 ng
RT: 14.540 min Scan# 1981
Delta R.T. -0.005 min
Lab File: BP003679.D
Acq: 20 Oct 2020 15:39

Tgt Ion:	163	Resp:	206705
Ion Ratio	Lower	Upper	
163	100		
194	4.7	3.3	4.9
164	9.4	8.2	12.2





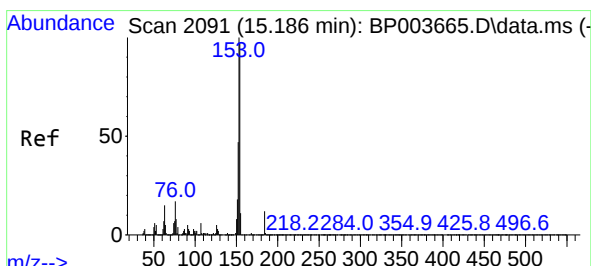
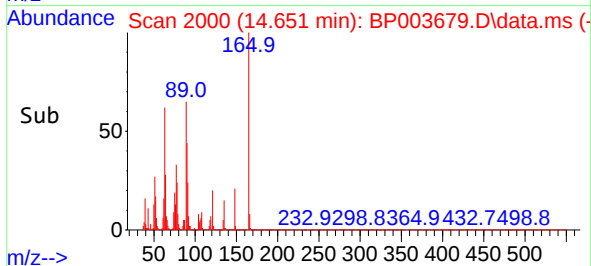
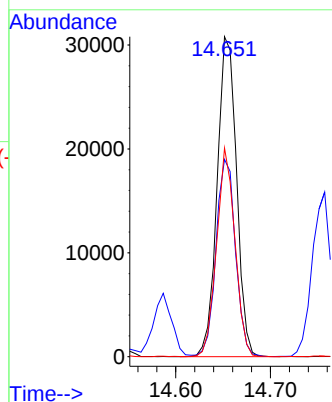
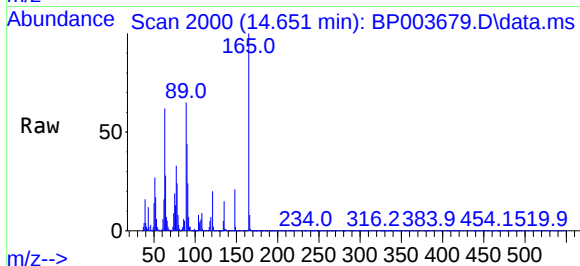
#51
2,6-Dinitrotoluene
Concen: 8.66 ng
RT: 14.651 min Scan# 2000
Delta R.T. -0.011 min
Lab File: BP003679.D
Acq: 20 Oct 2020 15:39

Tgt Ion:165 Resp: 43867
Ion Ratio Lower Upper
165 100
63 61.7 27.8 41.6#
89 65.2 34.6 52.0#

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2020

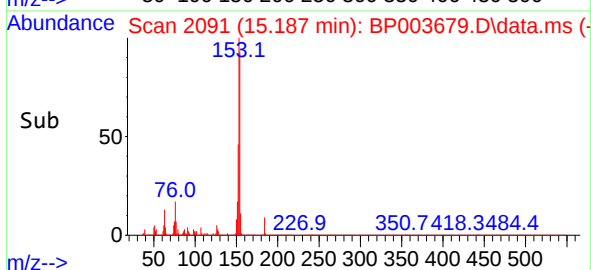
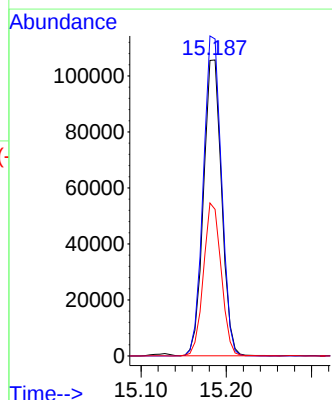
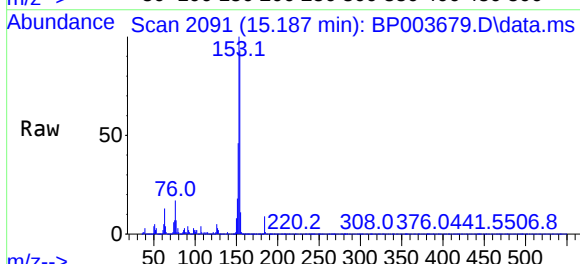
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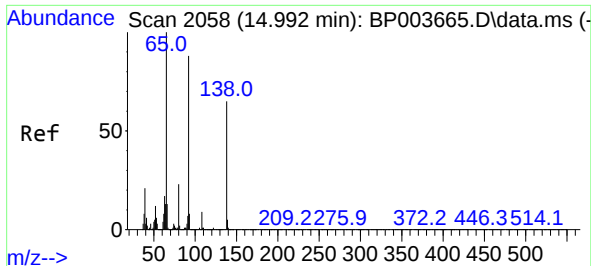
mohammad
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#52
Acenaphthene
Concen: 8.21 ng
RT: 15.187 min Scan# 2091
Delta R.T. 0.000 min
Lab File: BP003679.D
Acq: 20 Oct 2020 15:39

Tgt Ion:154 Resp: 156438
Ion Ratio Lower Upper
154 100
153 107.1 91.0 136.6
152 49.5 43.0 64.6





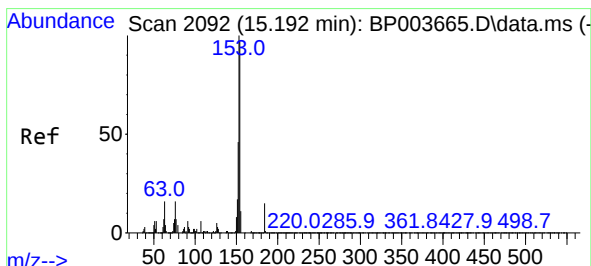
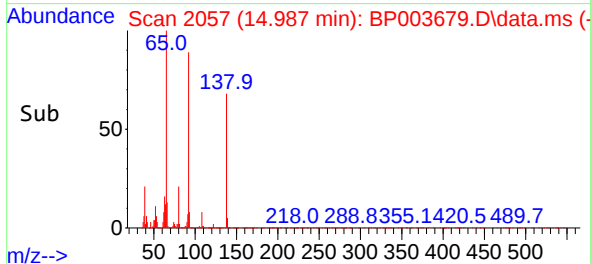
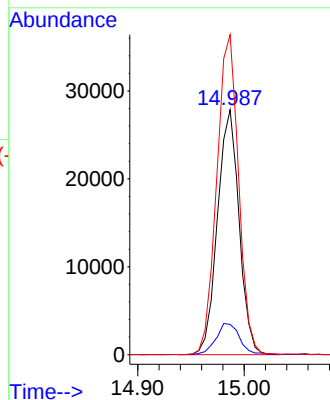
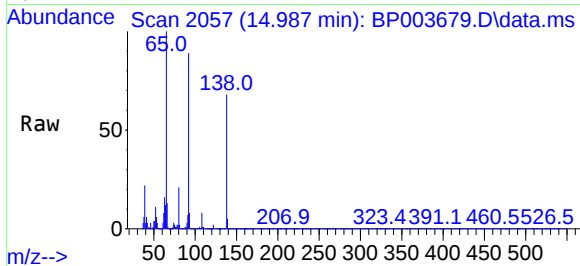
#53
3-Nitroaniline
Concen: 7.87 ng
RT: 14.987 min Scan# 2057
Delta R.T. -0.005 min
Lab File: BP003679.D
Acq: 20 Oct 2020 15:39

Tgt Ion:138 Resp: 39152
Ion Ratio Lower Upper
138 100
108 12.4 7.5 11.3#
92 130.7 75.0 112.6#

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2020

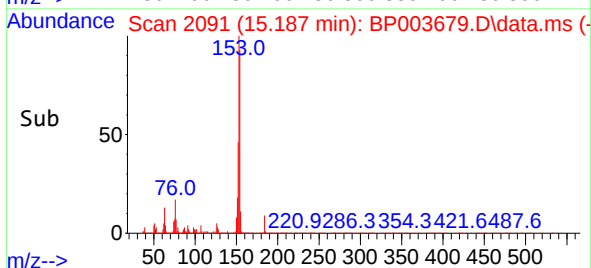
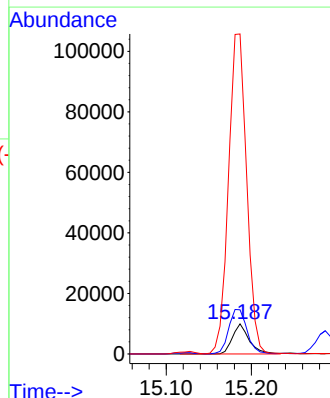
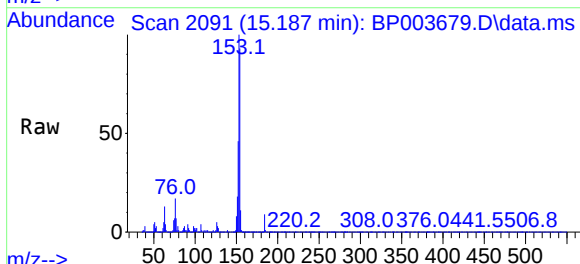
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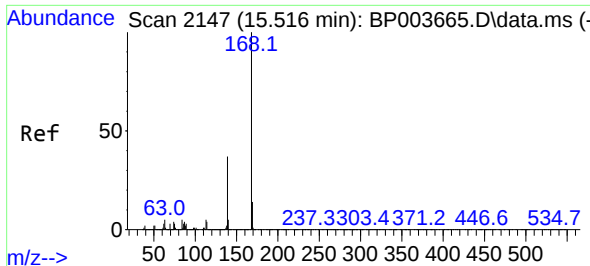
mohammad
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#54
2,4-Dinitrophenol
Concen: 5.79 ng
RT: 15.187 min Scan# 2091
Delta R.T. -0.005 min
Lab File: BP003679.D
Acq: 20 Oct 2020 15:39

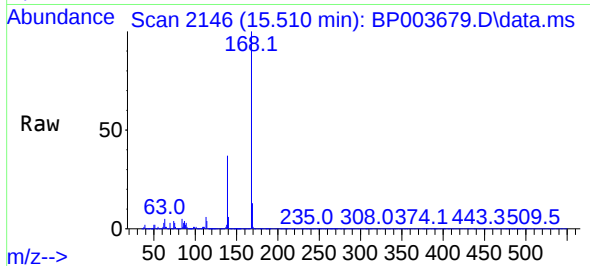
Tgt Ion:184 Resp: 13439
Ion Ratio Lower Upper
184 100
63 146.6 32.3 48.5#
154 1061.5 49.1 73.7#





#55
Dibenzenofuran
Concen: 8.85 ng
RT: 15.510 min Scan# 2146
Delta R.T. -0.005 min
Lab File: BP003679.D
Acq: 20 Oct 2020 15:39

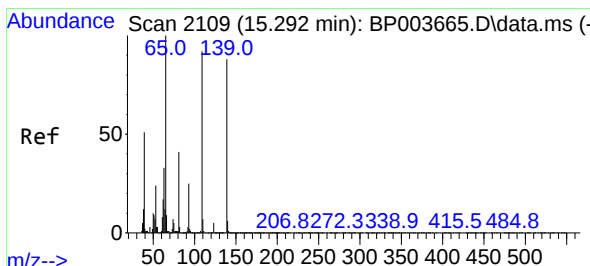
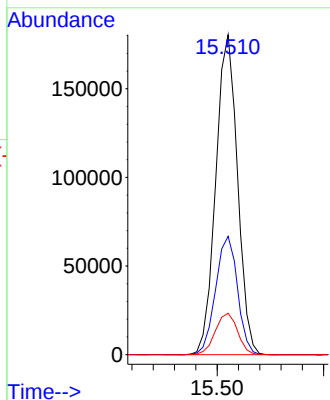
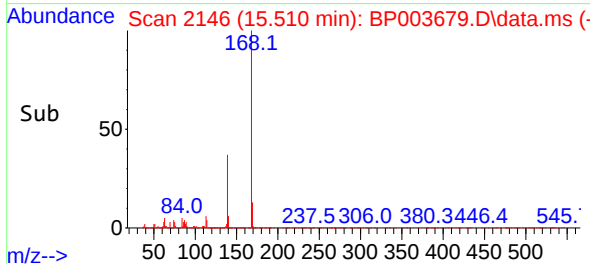
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2020



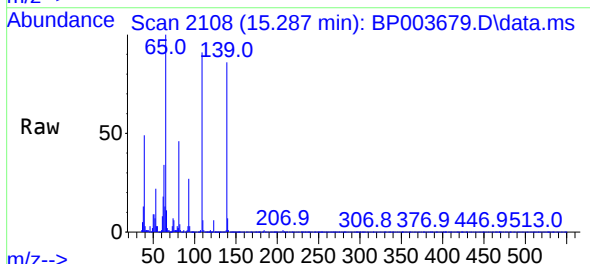
Tgt Ion:168 Resp: 254875
Ion Ratio Lower Upper
168 100
139 37.0 29.1 43.7
169 13.0 10.4 15.6

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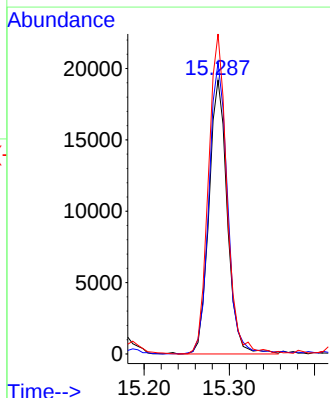
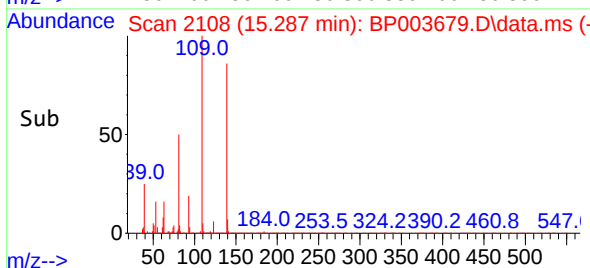
mohammad
10/21/2020 12:51:05 PM

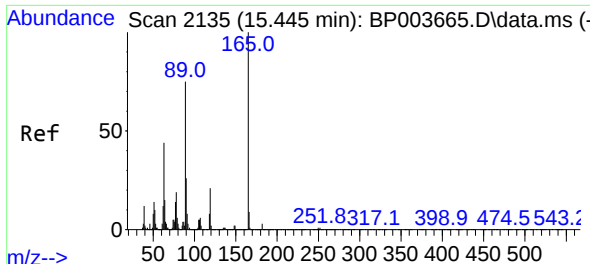


#56
4-Nitrophenol
Concen: 7.69 ng
RT: 15.287 min Scan# 2108
Delta R.T. -0.005 min
Lab File: BP003679.D
Acq: 20 Oct 2020 15:39



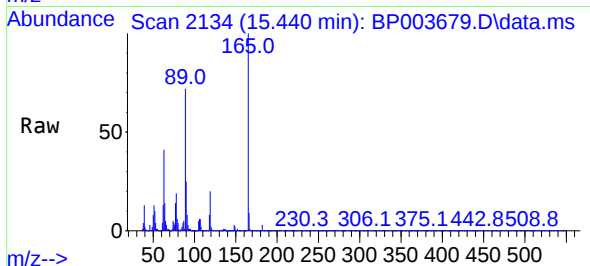
Tgt Ion:139 Resp: 28623
Ion Ratio Lower Upper
139 100
109 106.4 44.6 84.6#
65 116.9 41.6 81.6#





#57
2,4-Dinitrotoluene
Concen: 8.05 ng
RT: 15.440 min Scan# 2134
Delta R.T. -0.005 min
Lab File: BP003679.D
Acq: 20 Oct 2020 15:39

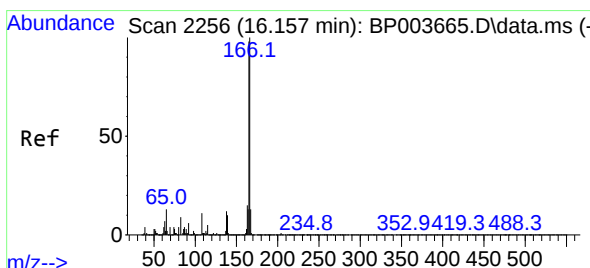
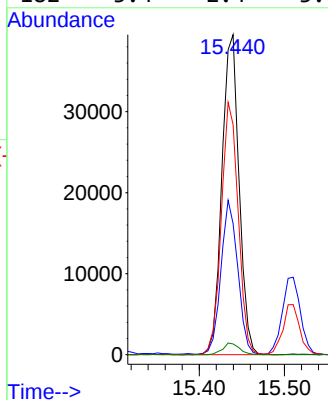
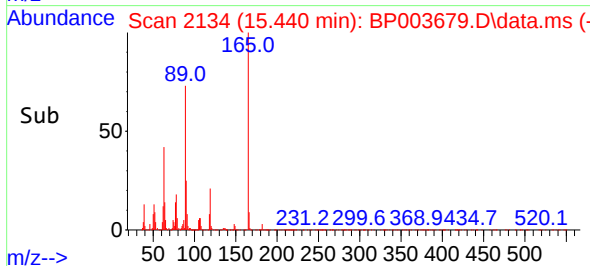
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2020



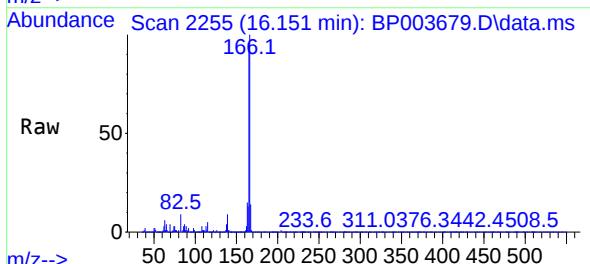
Tgt Ion:165 Resp: 55199
Ion Ratio Lower Upper
165 100
63 41.0 20.6 31.0#
89 71.9 42.6 63.8#
182 3.4 2.4 3.6

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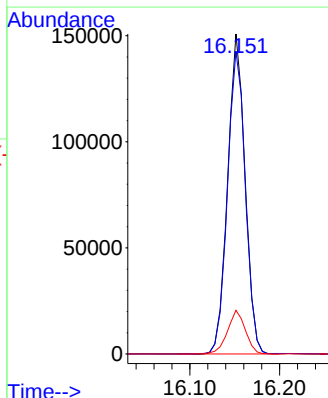
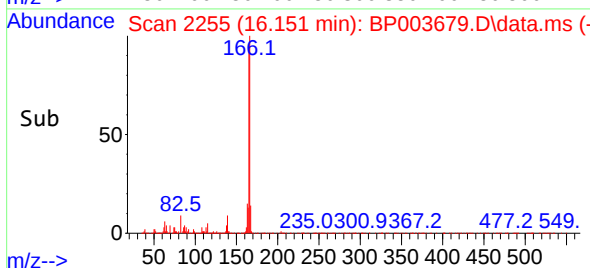
mohammad
10/21/2020 12:51:05 PM

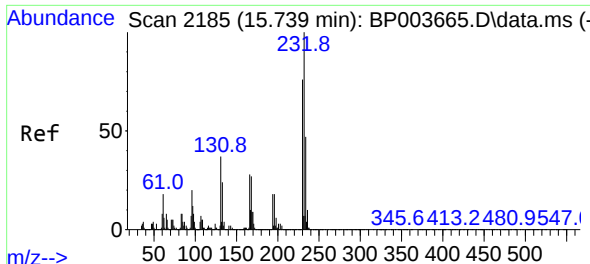


#58
Fluorene
Concen: 8.75 ng
RT: 16.151 min Scan# 2255
Delta R.T. -0.005 min
Lab File: BP003679.D
Acq: 20 Oct 2020 15:39



Tgt Ion:166 Resp: 203383
Ion Ratio Lower Upper
166 100
165 94.6 77.8 116.8
167 13.7 11.0 16.4





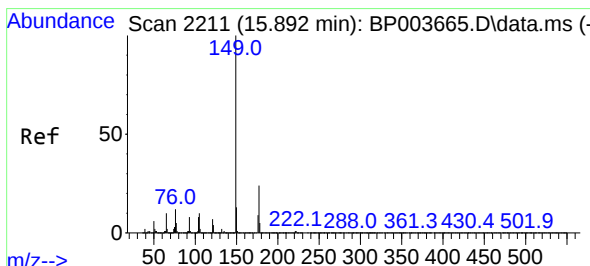
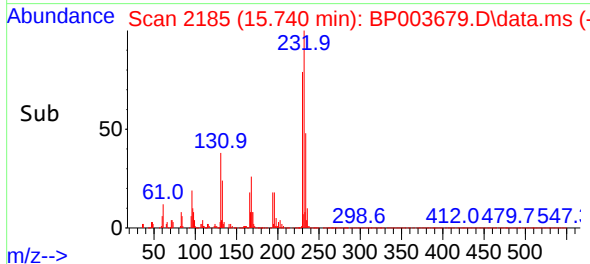
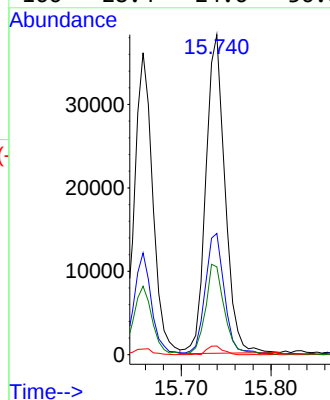
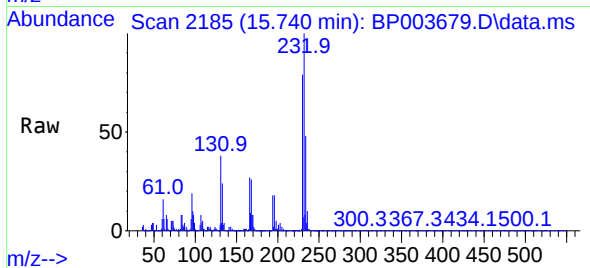
#59
2,3,4,6-Tetrachlorophenol
Concen: 7.95 ng
RT: 15.740 min Scan# 2185
Delta R.T. 0.000 min
Lab File: BP003679.D
Acq: 20 Oct 2020 15:39

Tgt Ion:	232	Resp:	56600
Ion Ratio	Lower	Upper	
232	100		
131	38.2	34.1	51.1
130	2.3	1.8	2.8
166	28.4	24.6	36.8

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2020

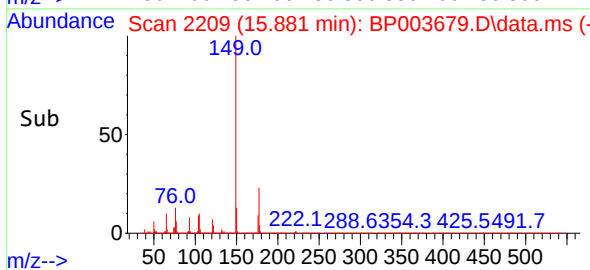
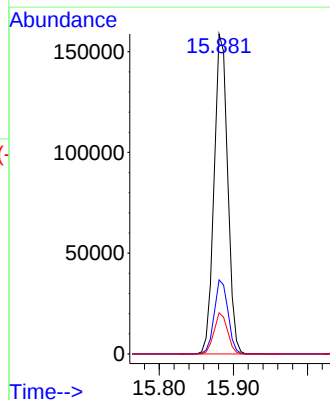
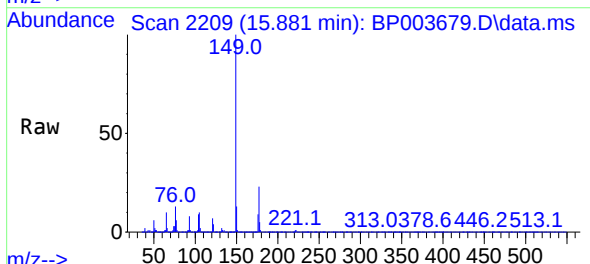
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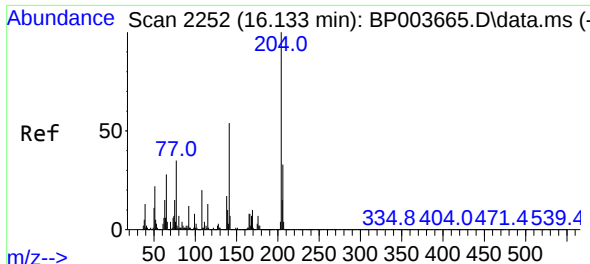
mohammad
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#60
Diethylphthalate
Concen: 8.27 ng
RT: 15.881 min Scan# 2209
Delta R.T. -0.011 min
Lab File: BP003679.D
Acq: 20 Oct 2020 15:39

Tgt Ion:	149	Resp:	201838
Ion Ratio	Lower	Upper	
149	100		
177	23.2	18.0	27.0
150	12.9	10.0	15.0





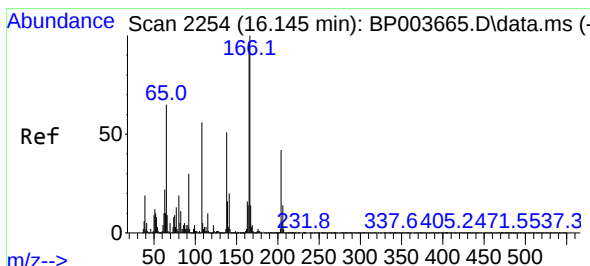
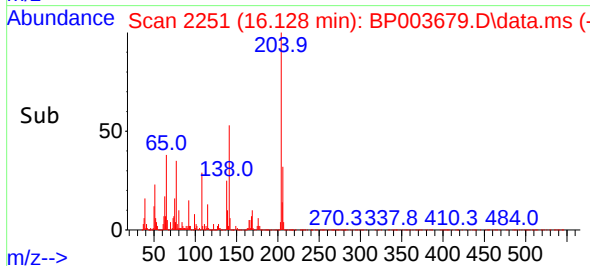
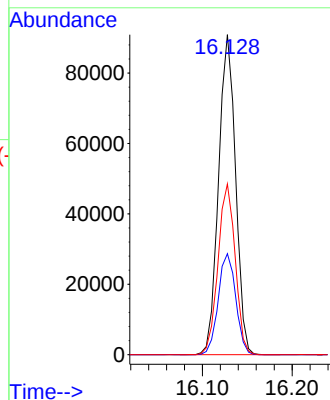
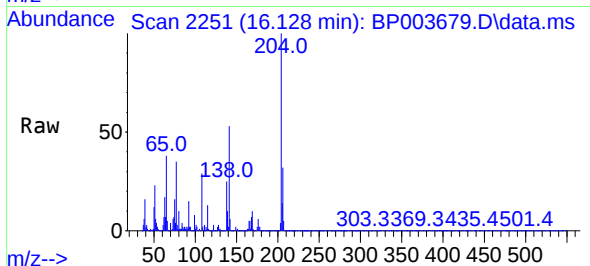
#61
4-Chlorophenyl-phenylether
Concen: 8.49 ng
RT: 16.128 min Scan# 2251
Delta R.T. -0.005 min
Lab File: BP003679.D
Acq: 20 Oct 2020 15:39

Tgt Ion: 204 Resp: 119328
Ion Ratio Lower Upper
204 100
206 31.5 25.9 38.9
141 53.3 46.5 69.7

Instrument :
BNA_P
ClientSampleId :
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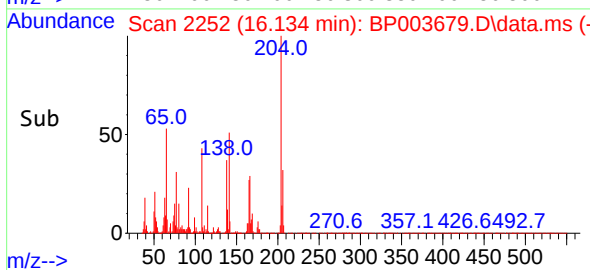
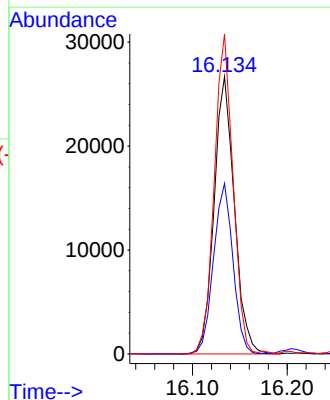
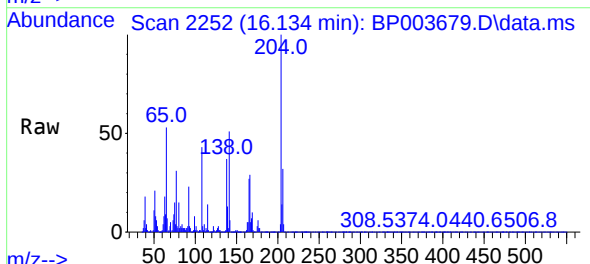
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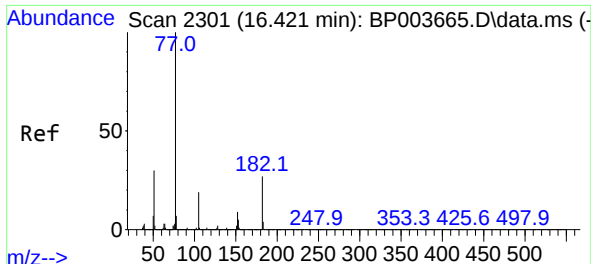
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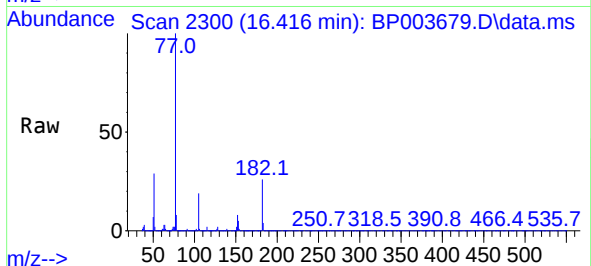
#62
4-Nitroaniline
Concen: 7.20 ng
RT: 16.134 min Scan# 2252
Delta R.T. -0.011 min
Lab File: BP003679.D
Acq: 20 Oct 2020 15:39

Tgt Ion: 138 Resp: 39740
Ion Ratio Lower Upper
138 100
92 61.5 20.7 60.7#
108 115.3 47.8 87.8#

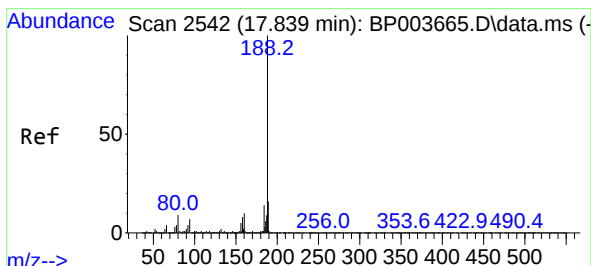
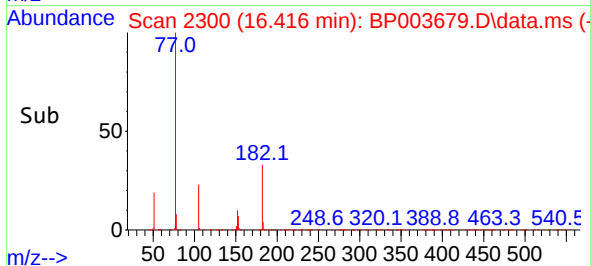
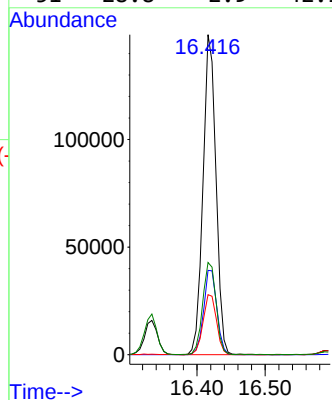




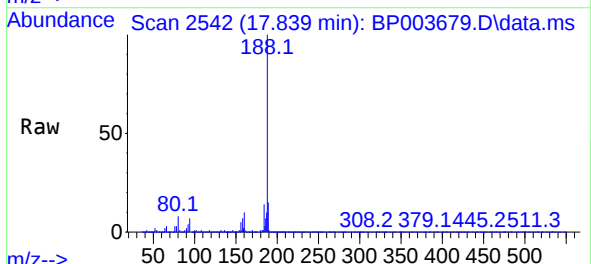
#63
Azobenzene
Concen: 8.57 ng
RT: 16.416 min Scan# 2300
Delta R.T. -0.005 min
Lab File: BP003679.D
Acq: 20 Oct 2020 15:39



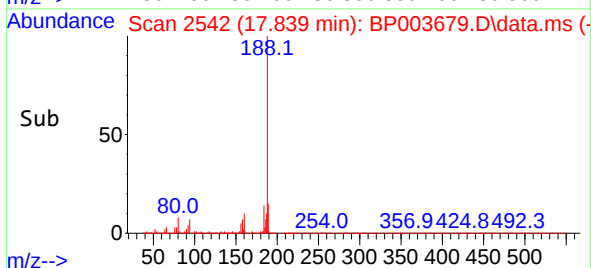
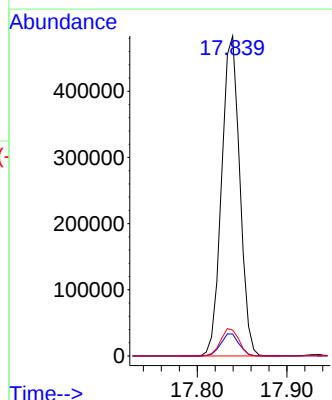
Tgt Ion: 77 Resp: 196532
Ion Ratio Lower Upper
77 100
182 26.4 16.9 56.9
105 18.8 5.6 45.6
51 28.8 2.9 42.9



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.839 min Scan# 2542
Delta R.T. 0.000 min
Lab File: BP003679.D
Acq: 20 Oct 2020 15:39



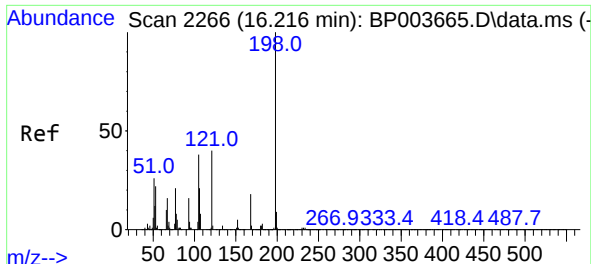
Tgt Ion: 188 Resp: 677548
Ion Ratio Lower Upper
188 100
94 6.9 6.2 9.2
80 8.1 6.2 9.2



Instrument :
BNA_P
ClientSampleId :
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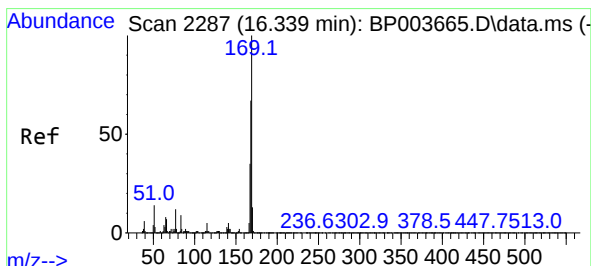
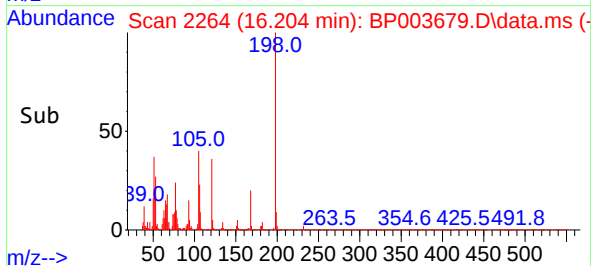
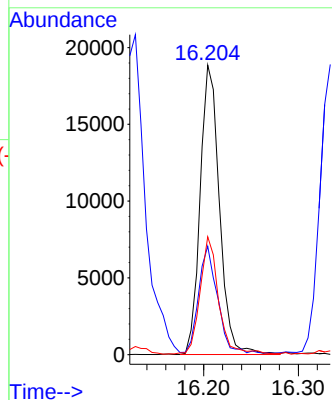
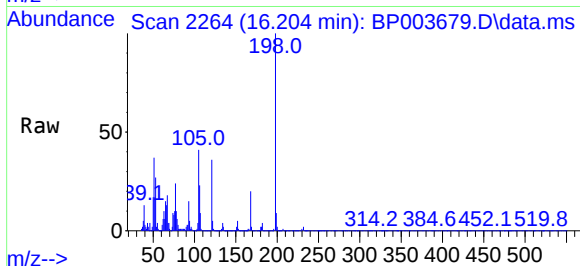
#65
4,6-Dinitro-2-methylphenol
Concen: 7.47 ng
RT: 16.204 min Scan# 2264
Delta R.T. -0.011 min
Lab File: BP003679.D
Acq: 20 Oct 2020 15:39

Tgt Ion:	198	Resp:	26676
Ion Ratio	Lower	Upper	
198	100		
51	37.5	6.4	46.4
105	40.7	18.9	58.9

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2020

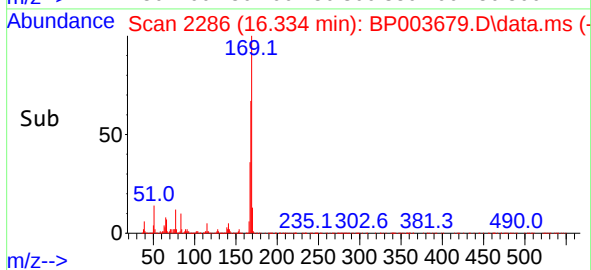
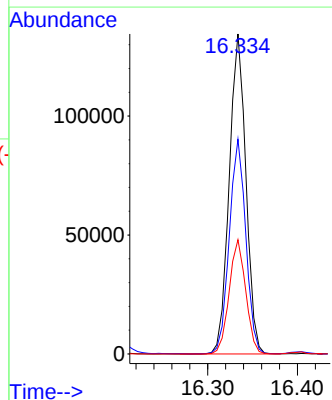
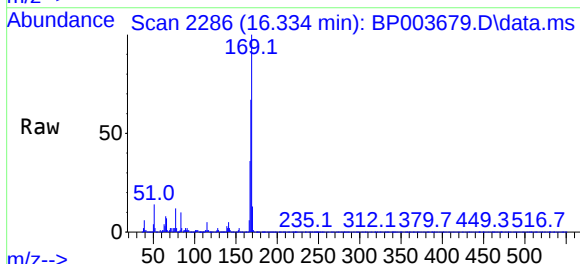
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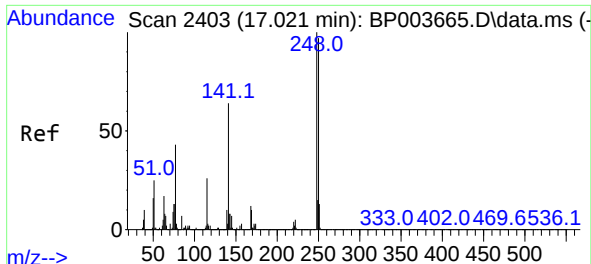
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#66
n-Nitrosodiphenylamine
Concen: 8.60 ng
RT: 16.334 min Scan# 2286
Delta R.T. -0.005 min
Lab File: BP003679.D
Acq: 20 Oct 2020 15:39

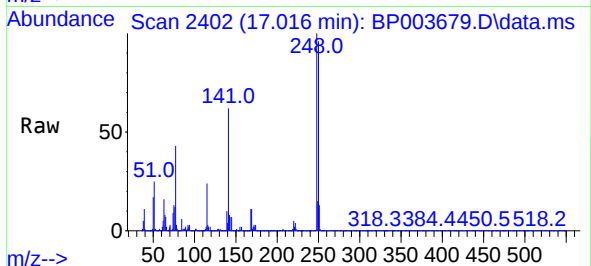
Tgt Ion:	169	Resp:	173448
Ion Ratio	Lower	Upper	
169	100		
168	67.1	53.8	80.6
167	35.7	28.9	43.3





#67
4-Bromophenyl-phenylether
Concen: 8.25 ng
RT: 17.016 min Scan# 2402
Delta R.T. -0.005 min
Lab File: BP003679.D
Acq: 20 Oct 2020 15:39

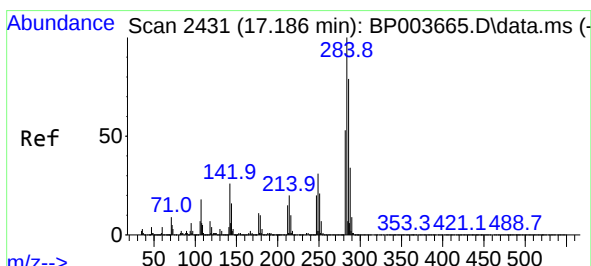
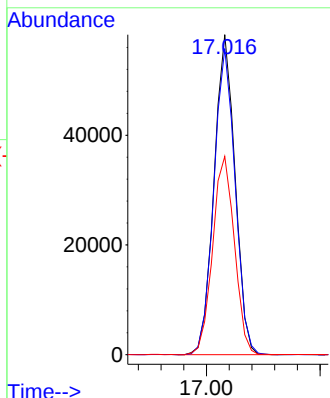
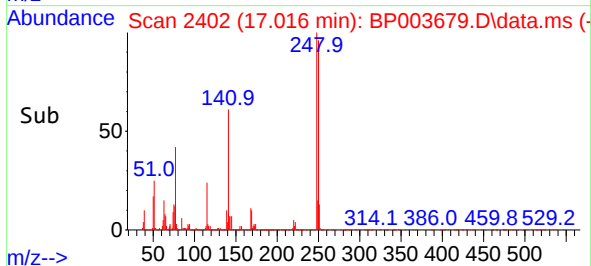
Instrument :
BNA_P
ClientSampleId :
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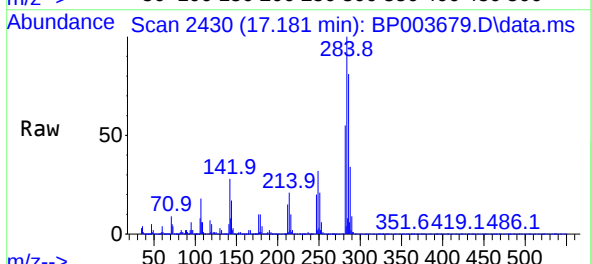
Tgt Ion:248 Resp: 74831
Ion Ratio Lower Upper
248 100
250 95.7 76.7 115.1
141 61.9 53.0 79.6

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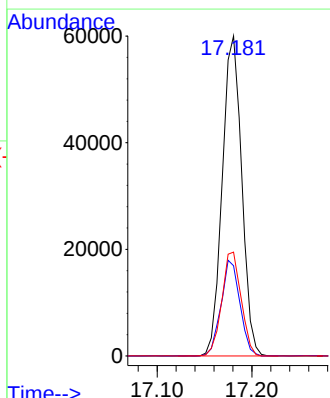
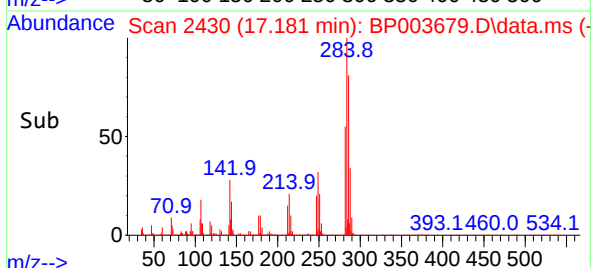
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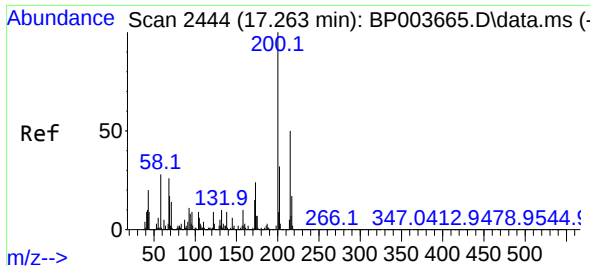


#68
Hexachlorobenzene
Concen: 8.19 ng
RT: 17.181 min Scan# 2430
Delta R.T. -0.005 min
Lab File: BP003679.D
Acq: 20 Oct 2020 15:39



Tgt Ion:284 Resp: 85551
Ion Ratio Lower Upper
284 100
142 28.2 24.2 36.4
249 32.5 23.8 35.8





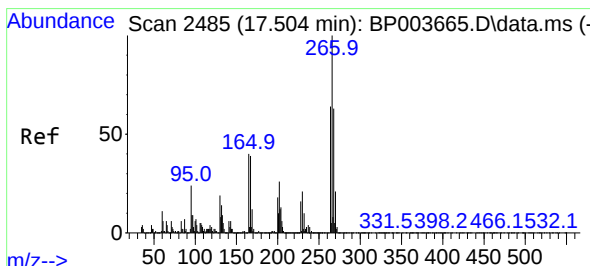
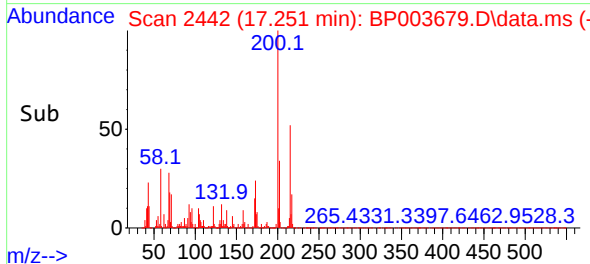
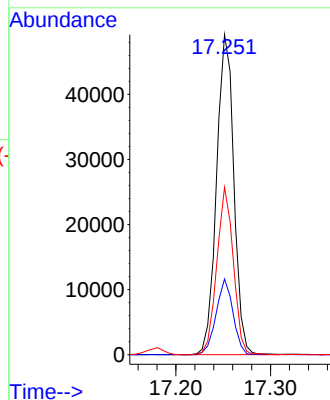
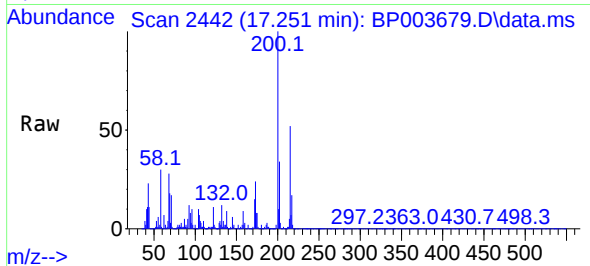
#69
Atrazine
Concen: 7.95 ng
RT: 17.251 min Scan# 2442
Delta R.T. -0.011 min
Lab File: BP003679.D
Acq: 20 Oct 2020 15:39

Tgt Ion:	200	Resp:	62504
Ion Ratio	Lower	Upper	
200	100		
173	23.6	5.9	45.9
215	52.3	28.4	68.4

Instrument :
BNA_P
ClientSampleId :
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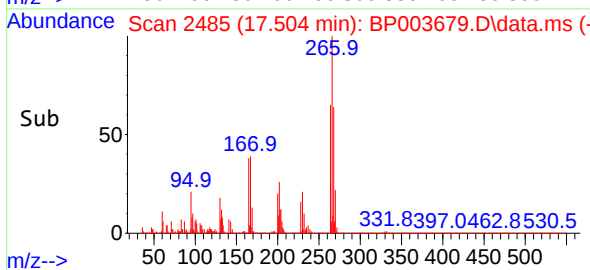
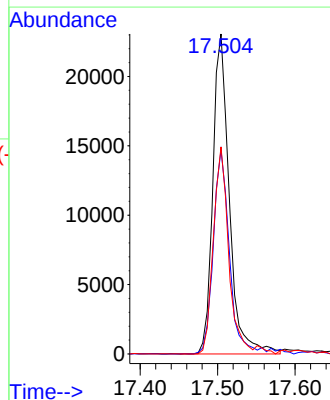
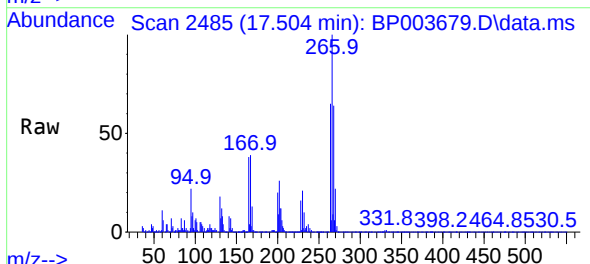
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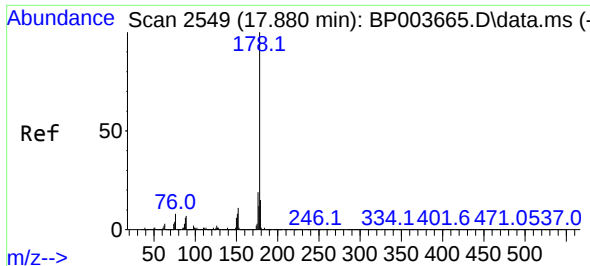
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#70
Pentachlorophenol
Concen: 6.61 ng
RT: 17.504 min Scan# 2485
Delta R.T. 0.000 min
Lab File: BP003679.D
Acq: 20 Oct 2020 15:39

Tgt Ion:	266	Resp:	34088
Ion Ratio	Lower	Upper	
266	100		
268	63.8	51.1	76.7
264	64.7	50.6	76.0





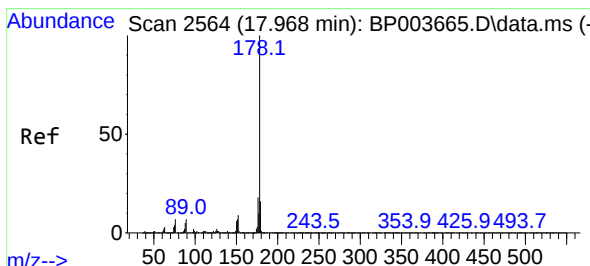
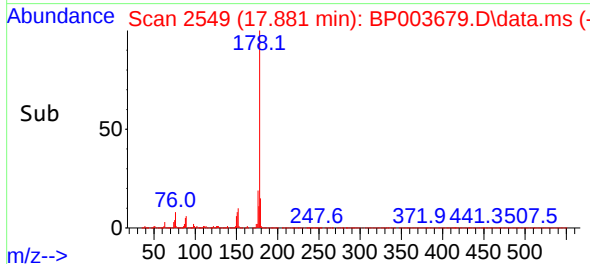
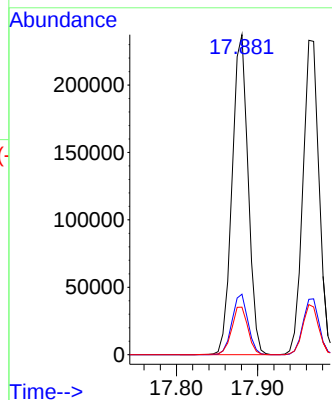
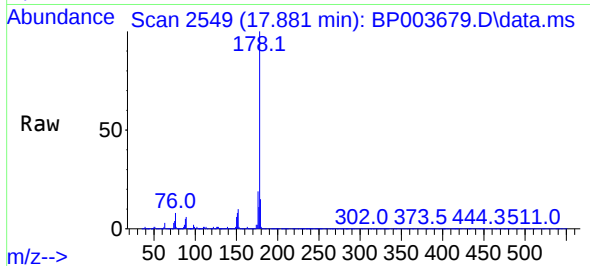
#71
Phenanthrene
Concen: 8.61 ng
RT: 17.881 min Scan# 2549
Delta R.T. 0.000 min
Lab File: BP003679.D
Acq: 20 Oct 2020 15:39

Tgt Ion:178 Resp: 324180
Ion Ratio Lower Upper
178 100
176 18.9 15.3 22.9
179 14.9 12.5 18.7

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2020

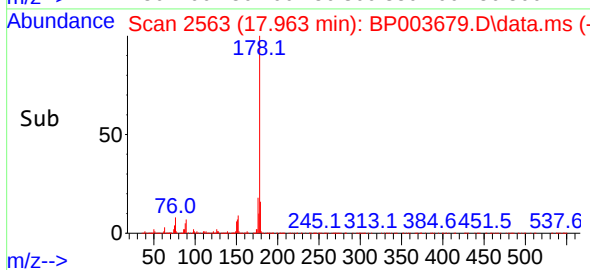
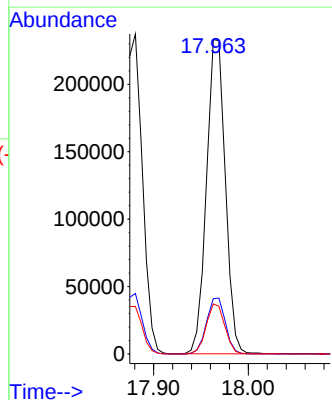
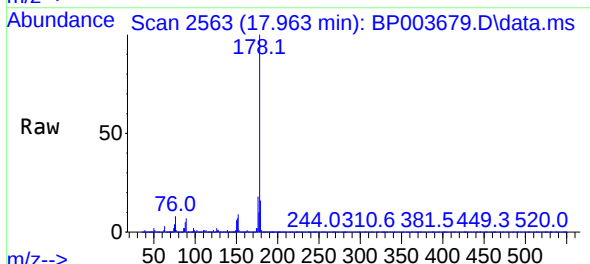
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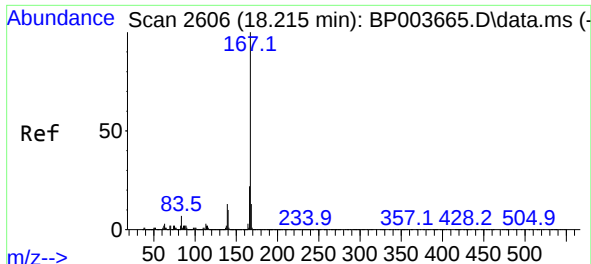
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#72
Anthracene
Concen: 8.89 ng
RT: 17.963 min Scan# 2563
Delta R.T. -0.005 min
Lab File: BP003679.D
Acq: 20 Oct 2020 15:39

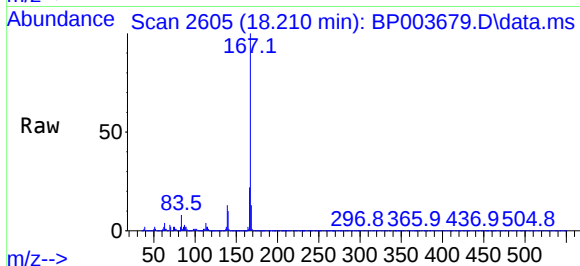
Tgt Ion:178 Resp: 323334
Ion Ratio Lower Upper
178 100
176 17.6 15.0 22.4
179 15.9 12.5 18.7





#73
 Carbazole
 Concen: 8.49 ng
 RT: 18.210 min Scan# 2605
 Delta R.T. -0.005 min
 Lab File: BP003679.D
 Acq: 20 Oct 2020 15:39

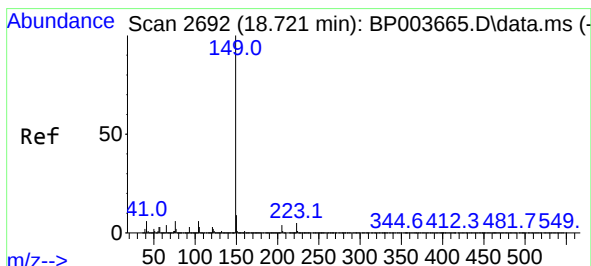
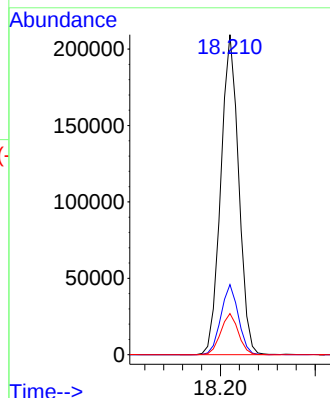
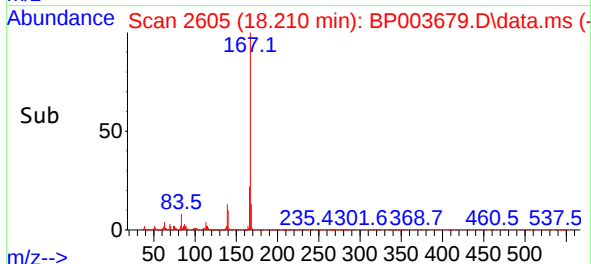
Instrument :
 BNA_P
 ClientSampleId :
 LOQ-SOIL-02-QT4-2020



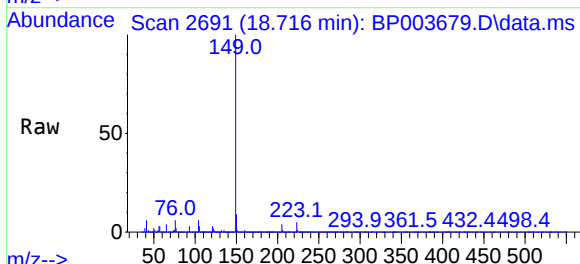
Tgt Ion:167 Resp: 274655
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.6 26.4
 139 12.9 10.2 15.4

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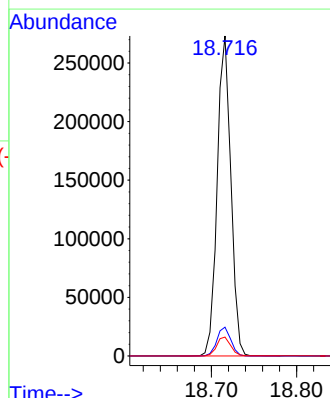
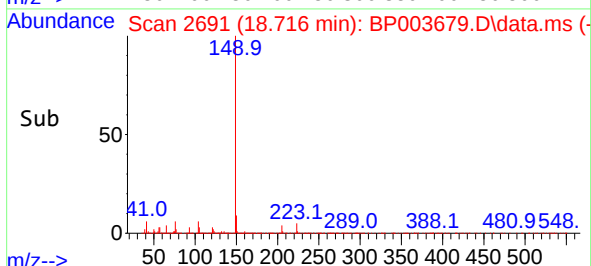
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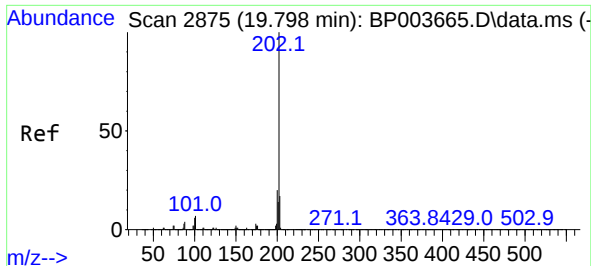


#74
 Di-n-butylphthalate
 Concen: 7.68 ng
 RT: 18.716 min Scan# 2691
 Delta R.T. -0.005 min
 Lab File: BP003679.D
 Acq: 20 Oct 2020 15:39

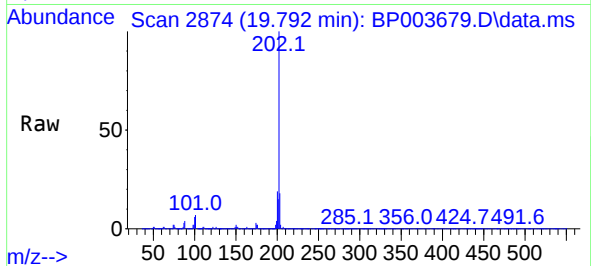


Tgt Ion:149 Resp: 303490
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.3 10.9
 104 5.9 3.4 5.0#

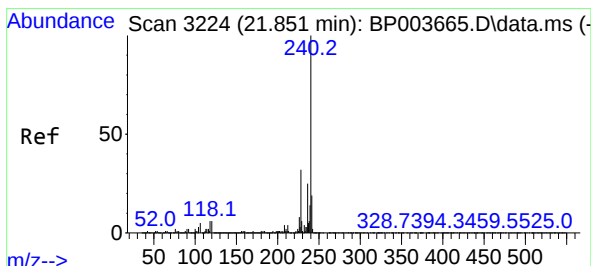
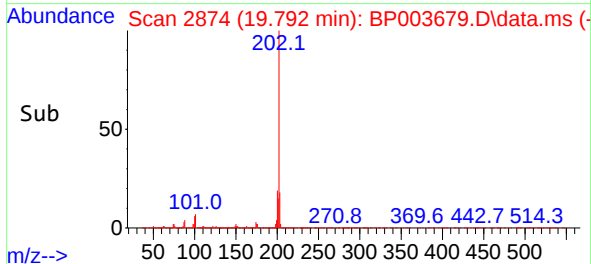
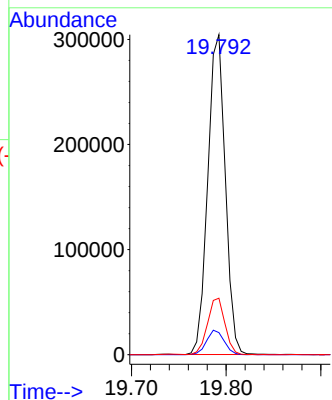




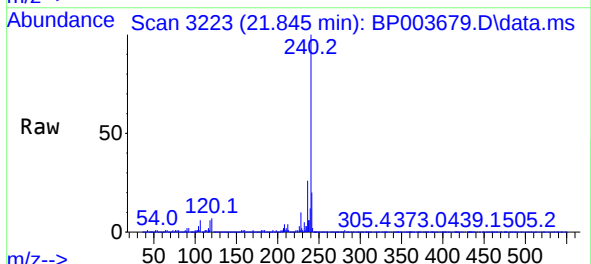
#75
Fluoranthene
Concen: 8.44 ng
RT: 19.792 min Scan# 2874
Delta R.T. -0.005 min
Lab File: BP003679.D
Acq: 20 Oct 2020 15:39



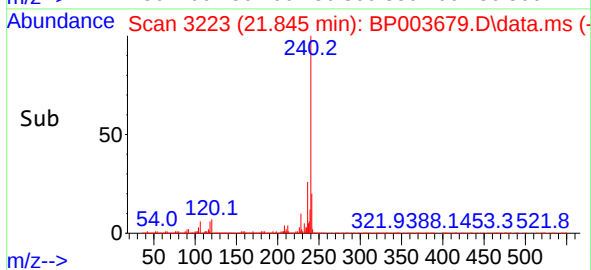
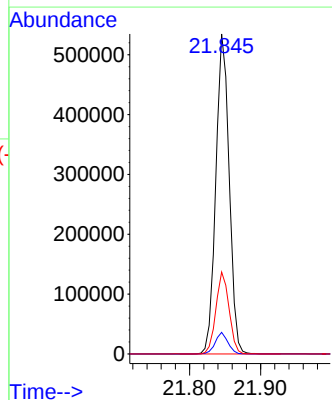
Tgt Ion:202 Resp: 390438
Ion Ratio Lower Upper
202 100
101 6.9 0.0 29.4
203 17.7 0.0 37.8



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.845 min Scan# 3223
Delta R.T. -0.005 min
Lab File: BP003679.D
Acq: 20 Oct 2020 15:39



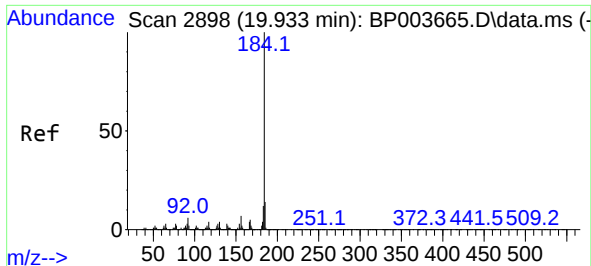
Tgt Ion:240 Resp: 695763
Ion Ratio Lower Upper
240 100
120 6.8 7.8 11.6#
236 25.6 20.8 31.2



Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2020

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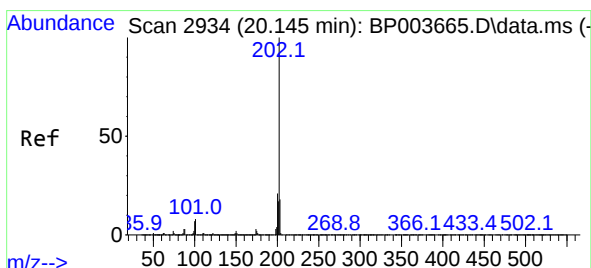
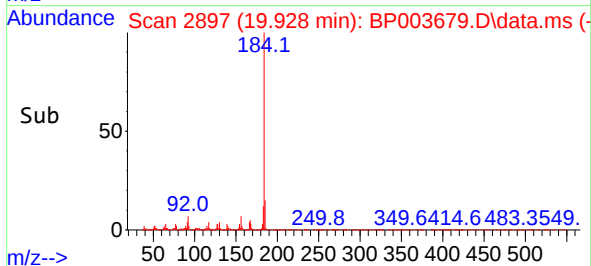
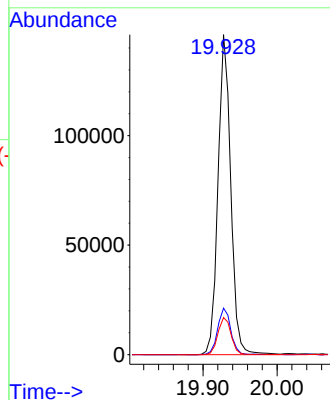
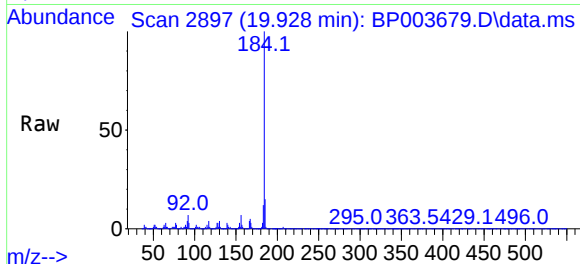
#77
Benzidine
Concen: 10.43 ng
RT: 19.928 min Scan# 2897
Delta R.T. -0.005 min
Lab File: BP003679.D
Acq: 20 Oct 2020 15:39

Tgt Ion:	184	Resp:	173944
Ion	Ratio	Lower	Upper
184	100		
185	14.6	11.5	17.3
183	11.6	9.6	14.4

Instrument :
BNA_P
ClientSampleId :
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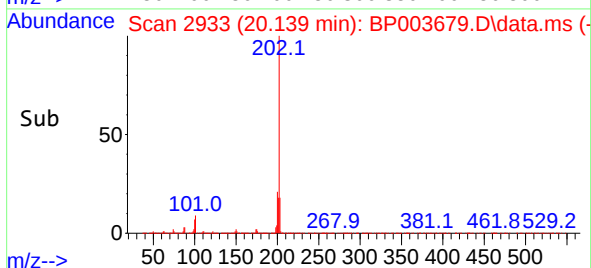
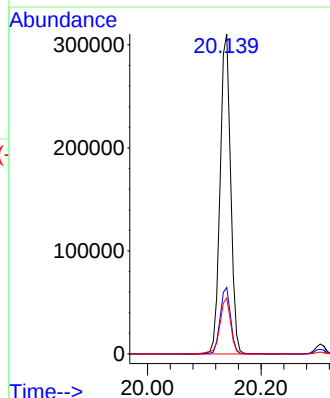
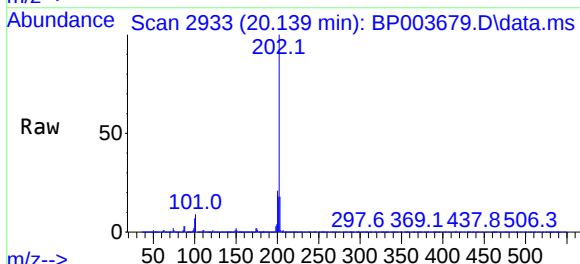
Manual Integrations
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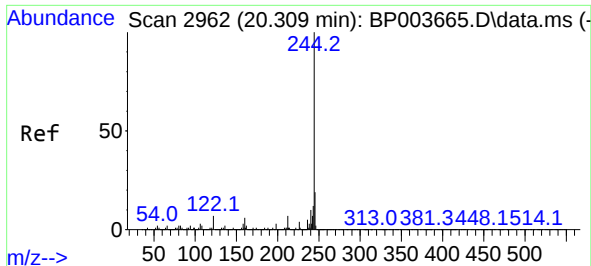
mohammad
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#78
Pyrene
Concen: 8.55 ng
RT: 20.139 min Scan# 2933
Delta R.T. -0.005 min
Lab File: BP003679.D
Acq: 20 Oct 2020 15:39

Tgt Ion:	202	Resp:	398565
Ion	Ratio	Lower	Upper
202	100		
200	20.8	17.1	25.7
203	17.5	14.2	21.2





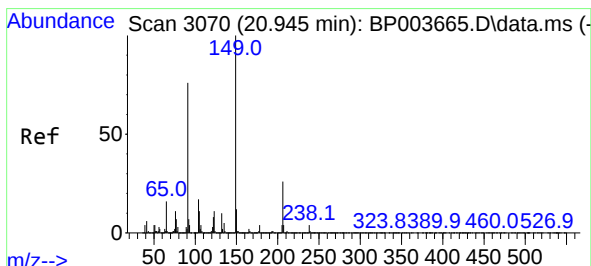
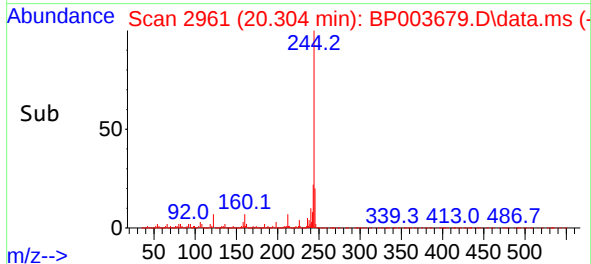
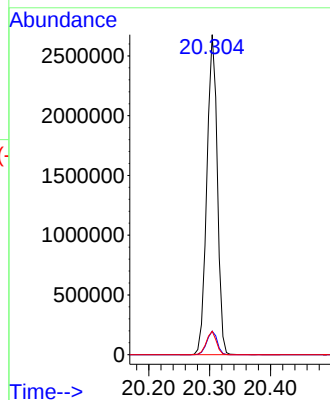
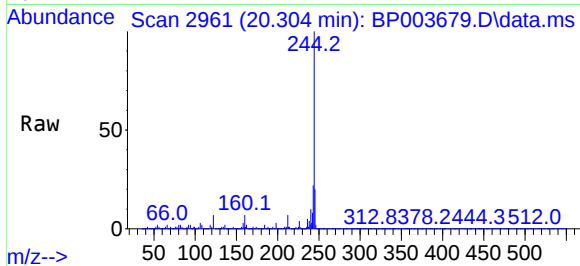
#79
Terphenyl-d14
Concen: 80.65 ng
RT: 20.304 min Scan# 2961
Delta R.T. -0.005 min
Lab File: BP003679.D
Acq: 20 Oct 2020 15:39

Tgt Ion:244 Resp: 3190339
Ion Ratio Lower Upper
244 100
212 7.3 5.8 8.6
122 7.3 7.8 11.8#

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2020

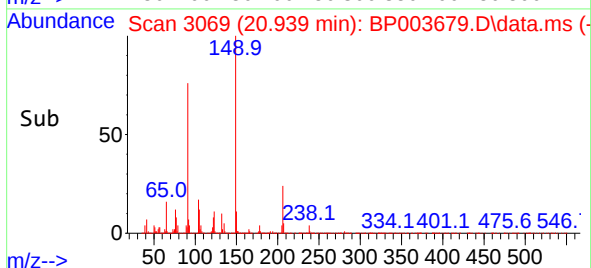
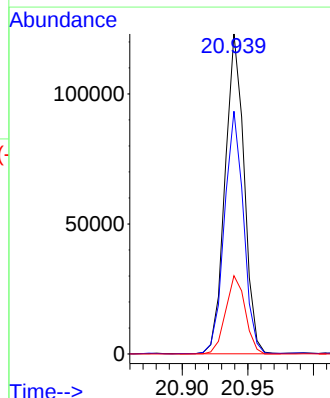
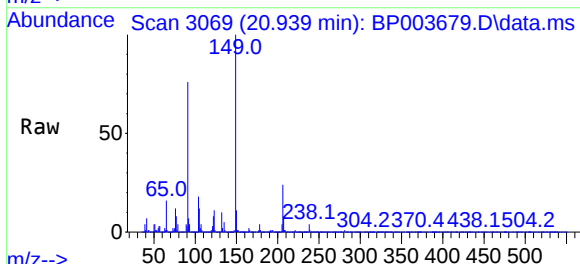
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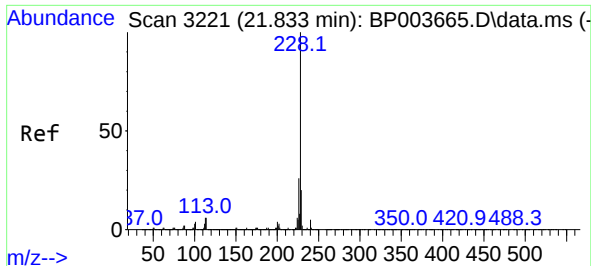
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#80
Butylbenzylphthalate
Concen: 7.27 ng
RT: 20.939 min Scan# 3069
Delta R.T. -0.005 min
Lab File: BP003679.D
Acq: 20 Oct 2020 15:39

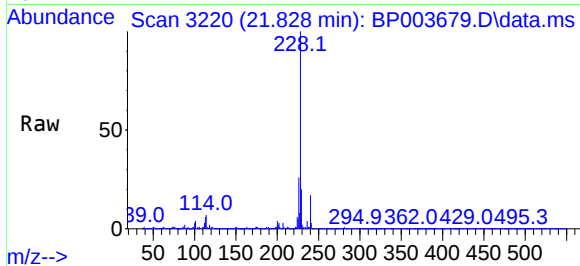
Tgt Ion:149 Resp: 124113
Ion Ratio Lower Upper
149 100
91 75.9 45.4 68.0#
206 24.4 17.1 25.7





#81
Benzo(a)anthracene
Concen: 8.45 ng
RT: 21.828 min Scan# 3220
Delta R.T. -0.005 min
Lab File: BP003679.D
Acq: 20 Oct 2020 15:39

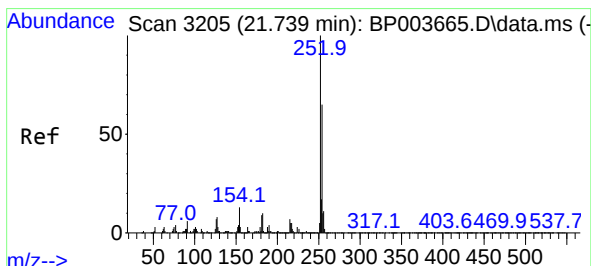
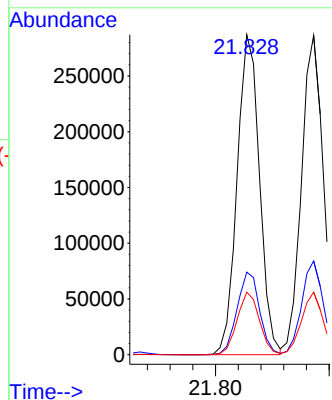
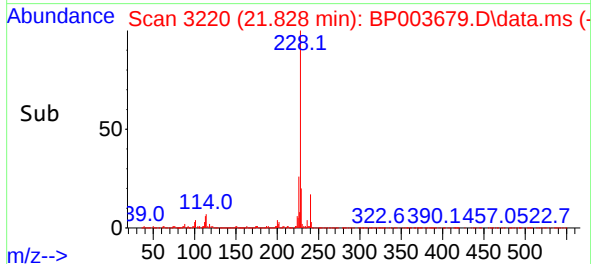
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2020



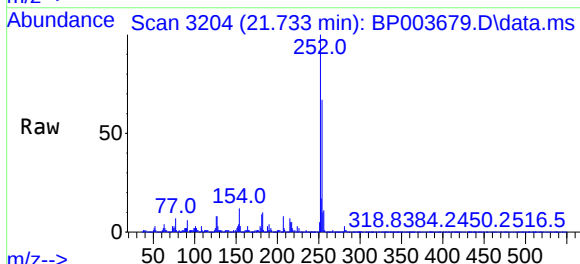
Tgt Ion:228 Resp: 392105
Ion Ratio Lower Upper
228 100
226 25.8 22.1 33.1
229 19.5 15.9 23.9

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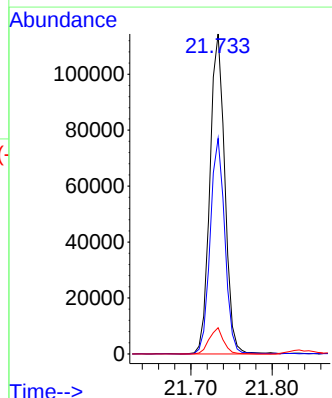
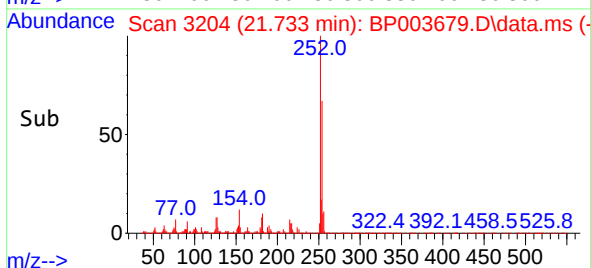
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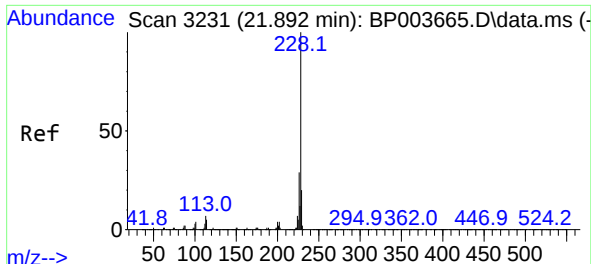


#82
3,3'-Dichlorobenzidine
Concen: 8.96 ng
RT: 21.733 min Scan# 3204
Delta R.T. -0.005 min
Lab File: BP003679.D
Acq: 20 Oct 2020 15:39



Tgt Ion:252 Resp: 145494
Ion Ratio Lower Upper
252 100
254 67.4 51.0 76.4
126 8.2 7.9 11.9





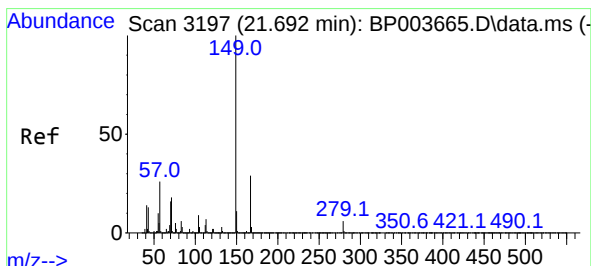
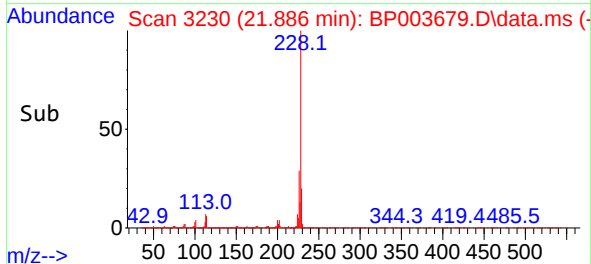
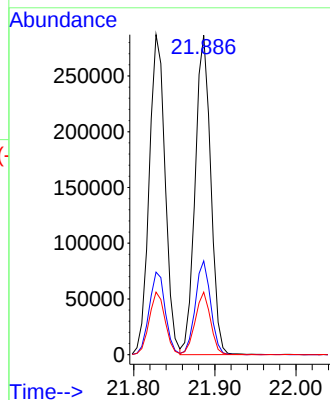
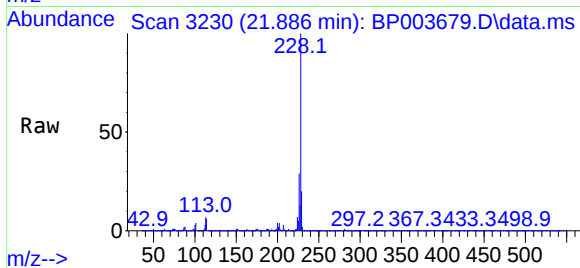
#83
Chrysene
Concen: 8.70 ng
RT: 21.886 min Scan# 3230
Delta R.T. -0.005 min
Lab File: BP003679.D
Acq: 20 Oct 2020 15:39

Tgt Ion:228 Resp: 382819
Ion Ratio Lower Upper
228 100
226 29.4 24.4 36.6
229 19.6 15.8 23.6

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2020

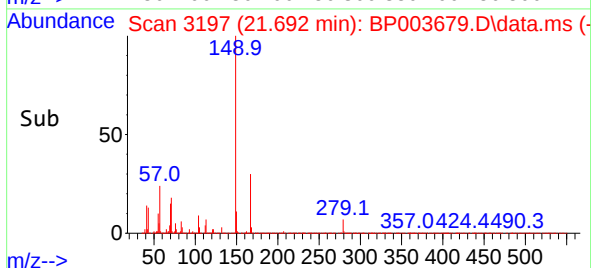
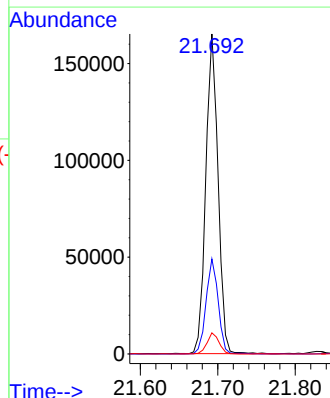
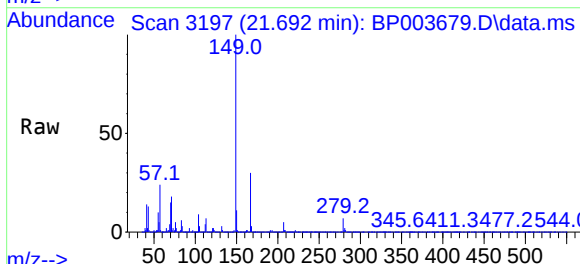
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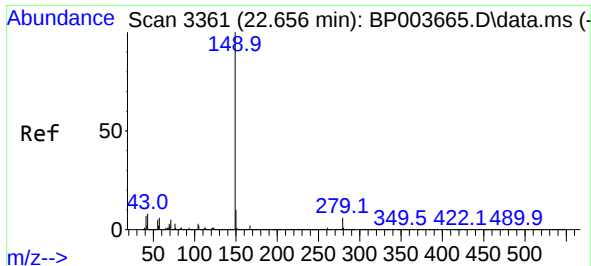
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#84
Bis(2-ethylhexyl)phthalate
Concen: 7.41 ng
RT: 21.692 min Scan# 3197
Delta R.T. 0.000 min
Lab File: BP003679.D
Acq: 20 Oct 2020 15:39

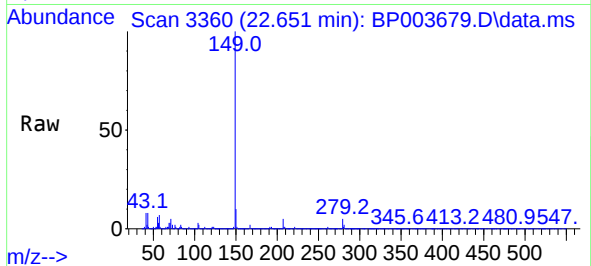
Tgt Ion:149 Resp: 181106
Ion Ratio Lower Upper
149 100
167 29.7 22.6 34.0
279 6.6 4.2 6.2#





#85
Di-n-octyl phthalate
Concen: 7.43 ng
RT: 22.651 min Scan# 3360
Delta R.T. -0.005 min
Lab File: BP003679.D
Acq: 20 Oct 2020 15:39

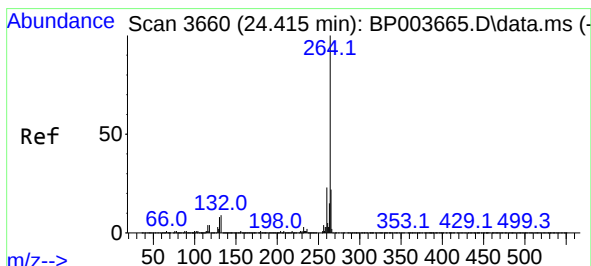
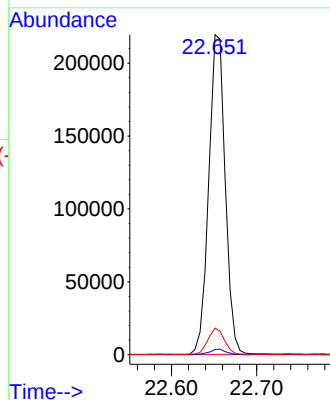
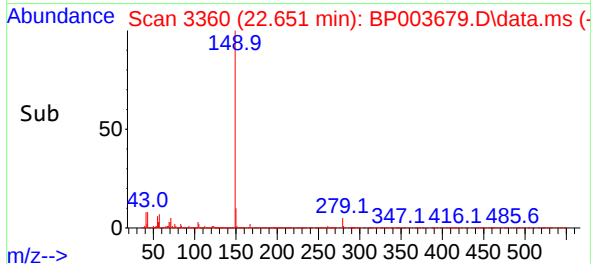
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2020



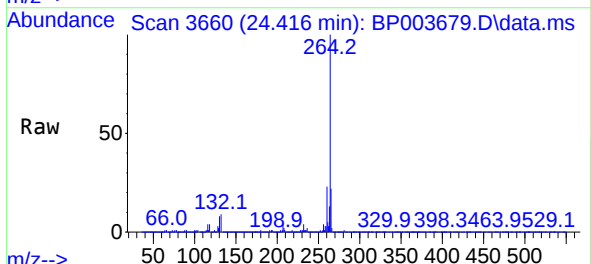
Tgt Ion:149 Resp: 294860
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 8.3 3.7 5.5#

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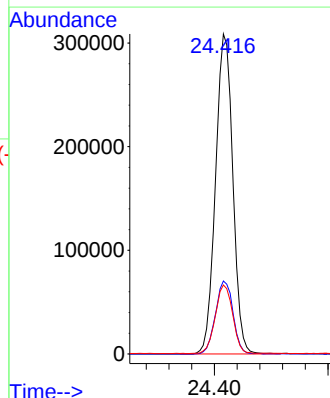
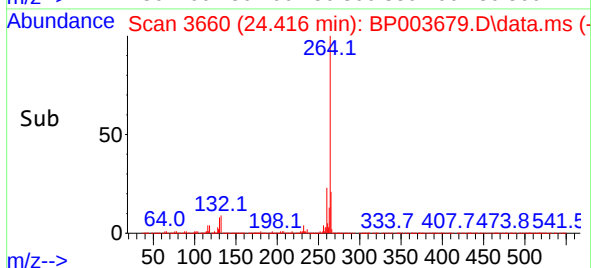
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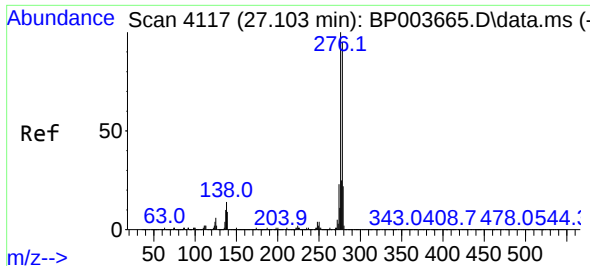


#86
Perylene-d12
Concen: 20.00 ng
RT: 24.416 min Scan# 3660
Delta R.T. 0.000 min
Lab File: BP003679.D
Acq: 20 Oct 2020 15:39



Tgt Ion:264 Resp: 651634
Ion Ratio Lower Upper
264 100
260 22.8 18.8 28.2
265 21.6 17.4 26.2





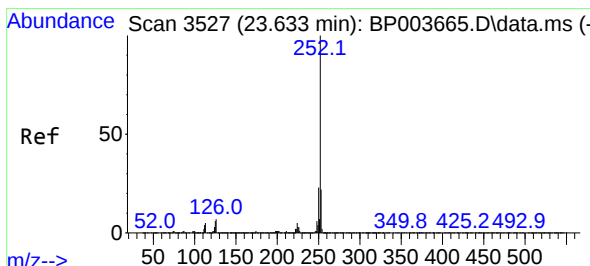
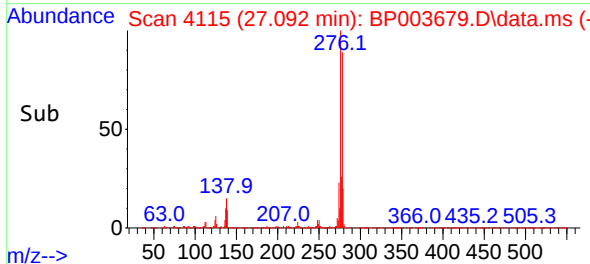
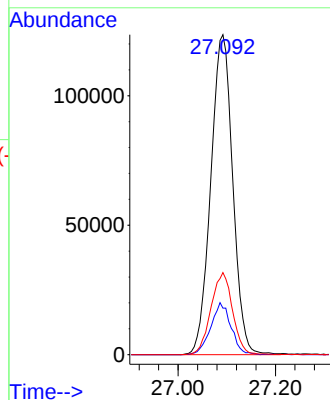
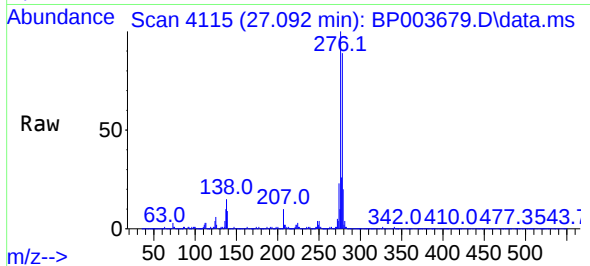
#87
Indeno(1,2,3-cd)pyrene
Concen: 8.28 ng
RT: 27.092 min Scan# 4115
Delta R.T. -0.011 min
Lab File: BP003679.D
Acq: 20 Oct 2020 15:39

Tgt Ion: 276 Resp: 387268
Ion Ratio Lower Upper
276 100
138 15.0 18.7 28.1#
277 25.3 20.4 30.6

Instrument :
BNA_P
ClientSampleId :
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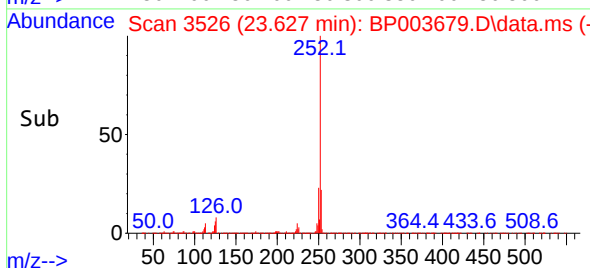
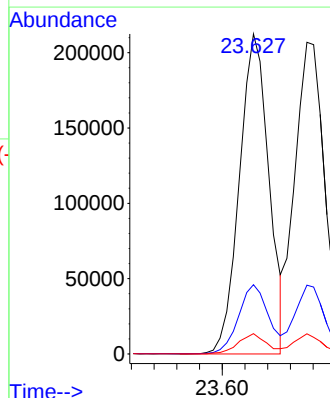
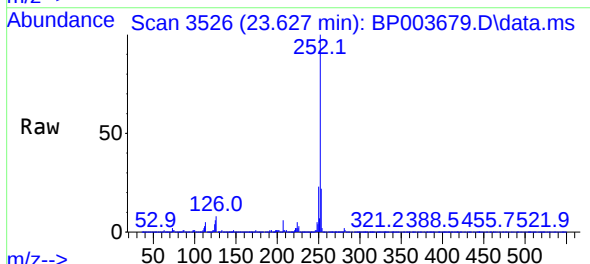
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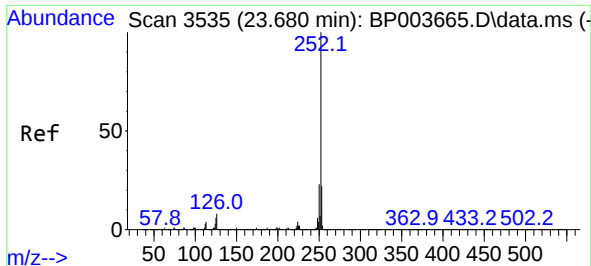
mohammad
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#88
Benzo(b)fluoranthene
Concen: 8.42 ng
RT: 23.627 min Scan# 3526
Delta R.T. -0.005 min
Lab File: BP003679.D
Acq: 20 Oct 2020 15:39

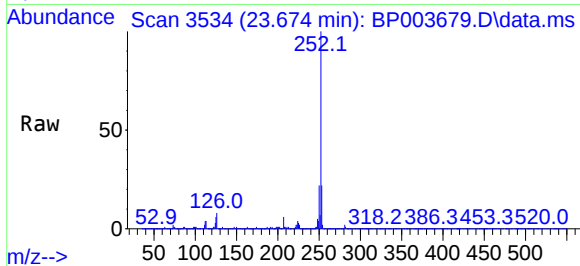
Tgt Ion: 252 Resp: 382863
Ion Ratio Lower Upper
252 100
253 21.7 17.6 26.4
125 6.4 7.3 10.9#





#89
Benzo(k)fluoranthene
Concen: 8.76 ng
RT: 23.674 min Scan# 3534
Delta R.T. -0.005 min
Lab File: BP003679.D
Acq: 20 Oct 2020 15:39

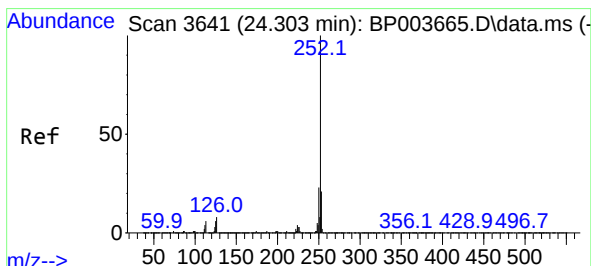
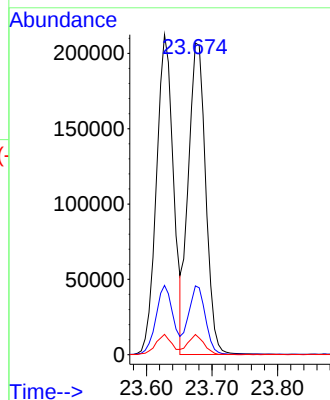
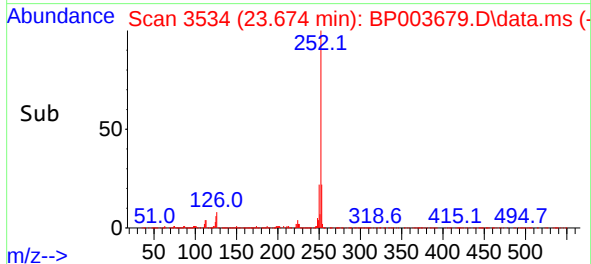
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2020



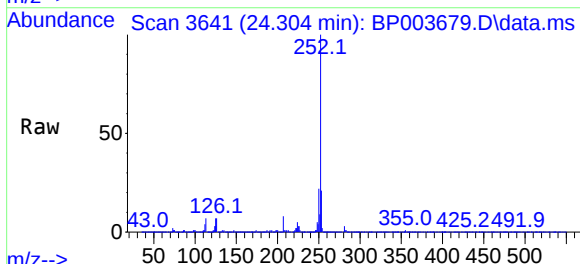
Tgt Ion:252 Resp: 380202
Ion Ratio Lower Upper
252 100
253 22.1 17.8 26.8
125 6.5 7.4 11.2#

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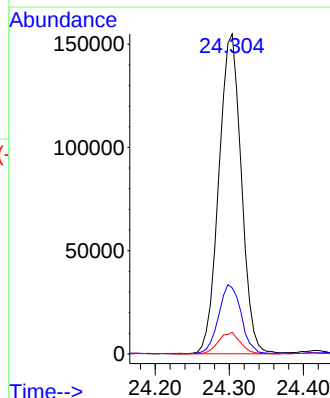
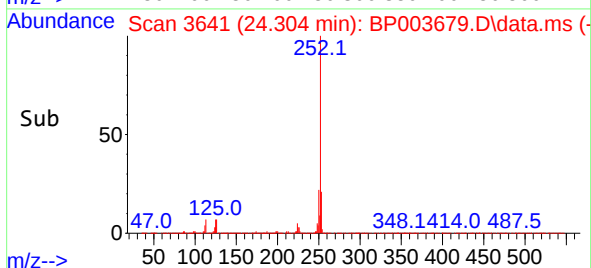
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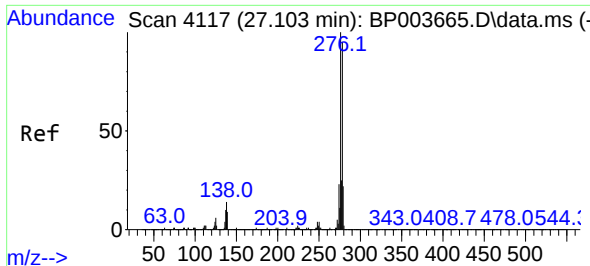


#90
Benzo(a)pyrene
Concen: 8.05 ng
RT: 24.304 min Scan# 3641
Delta R.T. 0.000 min
Lab File: BP003679.D
Acq: 20 Oct 2020 15:39



Tgt Ion:252 Resp: 326431
Ion Ratio Lower Upper
252 100
253 20.7 17.4 26.0
125 6.7 8.2 12.4#





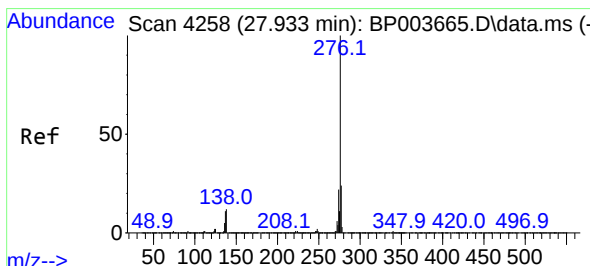
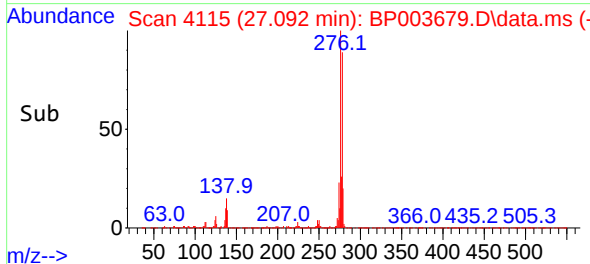
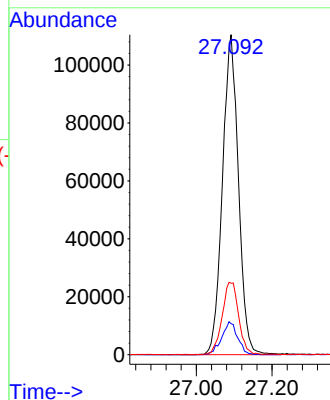
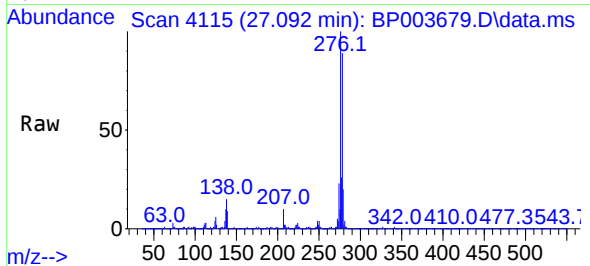
#91
Dibenzo(a,h)anthracene
Concen: 8.29 ng
RT: 27.092 min Scan# 4115
Delta R.T. -0.011 min
Lab File: BP003679.D
Acq: 20 Oct 2020 15:39

Tgt Ion: 278 Resp: 323991
Ion Ratio Lower Upper
278 100
139 9.7 12.4 18.6#
279 22.4 19.0 28.6

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2020

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#92
Benzo(g,h,i)perylene
Concen: 8.56 ng
RT: 27.915 min Scan# 4255
Delta R.T. -0.017 min
Lab File: BP003679.D
Acq: 20 Oct 2020 15:39

Tgt Ion: 276 Resp: 310272
Ion Ratio Lower Upper
276 100
277 23.0 19.0 28.6
138 12.4 16.6 24.8#

